

The MINOR PLANET CIRCULARS/MINOR PLANETS AND COMETS are published, on behalf of  
Division III of the International Astronomical Union, usually in batches  
on or near the date of each full moon, by:

Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.  
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Phone 617-495-7273/7444/7244/7440 (for emergency use only).

World-Wide Web address <http://www.cfa.harvard.edu/iau/mpc.html> ISSN 0736-6884

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## ERRATA

|            |      |                                                                    |
|------------|------|--------------------------------------------------------------------|
| <i>MPC</i> | Line |                                                                    |
| 63640      | 28   | <i>For</i> (12709) Berg op Zoom <i>read</i> (12709) Bergen op Zoom |
| 63640      | 31   | <i>For</i> Berg op Zoom <i>read</i> Bergen op Zoom                 |

|                       |                    |              |              |                   |     |
|-----------------------|--------------------|--------------|--------------|-------------------|-----|
| 2008 QO <sub>33</sub> | 2008 09 09.01719   | 00 15 50.66  | -01 36 52.2  | <i>MPS</i> 255955 | A44 |
| 2008 RW <sub>26</sub> | * 2008 09 02.93705 | 22 44 27.85  | -06 25 00.5  | <i>MPS</i> 255981 | A44 |
| 2008 RW <sub>26</sub> | 2008 09 02.94273   | 22 44 27.47  | -06 25 01.6  | <i>MPS</i> 255981 | A44 |
| 2008 RW <sub>26</sub> | 2008 09 02.95126   | 22 44 26.99  | -06 25 03.7  | <i>MPS</i> 255981 | A44 |
| 2008 RW <sub>26</sub> | 2008 09 08.86694   | 22 38 39.26  | -06 55 51.1  | <i>MPS</i> 255981 | A44 |
| 2008 RW <sub>26</sub> | 2008 09 08.88397   | 22 38 38.40  | -06 55 55.9  | <i>MPS</i> 255981 | A44 |
| (536)                 | 1997 09 19.230730  | 22 53 45.659 | -35 59 09.07 | <i>MPS</i> 214566 | 244 |

## NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 63519. The longitudes  $\lambda$  are measured in degrees eastward from Greenwich, and the parallax constants  $\rho \cos \phi'$  and  $\rho \sin \phi'$  are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

|      |           |                   |                   |             |
|------|-----------|-------------------|-------------------|-------------|
| Obs. | $\lambda$ | $\rho \cos \phi'$ | $\rho \sin \phi'$ |             |
| B70  | 2.4937    | 0.74787           | +0.66165          | Sant Celoni |
| J20  | 356.21926 | 0.762019          | +0.645541         | Aravaca     |

## CORRECTED OBSERVATIONS

The following observations correct those previously published.

| Object                 | Date              | UT           | $\alpha_{2000}$ | $\delta_{2000}$   | Reference | Obs. |
|------------------------|-------------------|--------------|-----------------|-------------------|-----------|------|
| 2001 SA <sub>249</sub> | 2003 03 30.252630 | 10 39 52.884 | +13 06 09.10    | <i>MPS</i> 136921 |           | 645  |
| 2001 SA <sub>249</sub> | 2003 03 30.256102 | 10 39 52.756 | +13 06 09.12    | <i>MPS</i> 136921 |           | 645  |
| (86177)                | 2001 07 19.48705  | 22 05 48.026 | -10 43 42.34    | <i>MPS</i> 117377 |           | 568  |

Note 1: 2001 SA<sub>249</sub> = (135304).

## DELETED OBSERVATIONS

The following observations are to be deleted.

| Object                | Date               | UT          | $\alpha_{2000}$ | $\delta_{2000}$   | Reference | Obs. |
|-----------------------|--------------------|-------------|-----------------|-------------------|-----------|------|
| 2008 QO <sub>33</sub> | * 2008 08 30.98985 | 00 21 35.74 | -01 02 41.4     | <i>MPS</i> 255955 |           | A44  |
| 2008 QO <sub>33</sub> | 2008 08 31.00122   | 00 21 35.36 | -01 02 43.7     | <i>MPS</i> 255955 |           | A44  |
| 2008 QO <sub>33</sub> | 2008 08 31.01543   | 00 21 34.86 | -01 02 46.6     | <i>MPS</i> 255955 |           | A44  |
| 2008 QO <sub>33</sub> | 2008 09 09.00864   | 00 15 50.96 | -01 36 49.4     | <i>MPS</i> 255955 |           | A44  |

## IDENTIFICATION CHANGES

Continuation to *MPC* 63520.

| Object                 | Date                | UT           | $\alpha_{2000}$ | $\delta_{2000}$        | Originally | Mag. | Obs. |
|------------------------|---------------------|--------------|-----------------|------------------------|------------|------|------|
| 1993 FS <sub>85</sub>  | * 1993 03 23.20451  | 12 37 37.14  | +03 18 13.5     | 1993 FP <sub>81</sub>  | 19.5       | 809  |      |
| 1996 SD <sub>9</sub>   | * 1996 09 21.25264  | 22 50 24.41  | -08 46 54.3     | 1996 RF <sub>23</sub>  | 20.6 V     | 691  |      |
| 1996 SD <sub>9</sub>   | 1996 09 21.27366    | 22 50 23.57  | -08 46 59.9     | 1996 RF <sub>23</sub>  |            | 691  |      |
| 1996 XT <sub>37</sub>  | * 1996 12 08.21611  | 03 55 32.11  | +15 22 47.5     | 1996 XP <sub>7</sub>   | 19.8 V     | 691  |      |
| 1996 XT <sub>37</sub>  | 1996 12 08.23767    | 03 55 30.90  | +15 22 47.4     | 1996 XP <sub>7</sub>   | 19.8 V     | 691  |      |
| 1996 XT <sub>37</sub>  | 1996 12 08.26130    | 03 55 29.59  | +15 22 46.9     | 1996 XP <sub>7</sub>   | 19.8 V     | 691  |      |
| 1998 SS <sub>176</sub> | * 1998 09 25.294441 | 00 18 41.850 | -00 14 07.39    | 2006 FU <sub>14</sub>  | 21.54V     | 645  |      |
| 1998 SS <sub>176</sub> | 1998 09 25.297913   | 00 18 41.690 | -00 14 08.70    | 2006 FU <sub>14</sub>  | 22.13      | 645  |      |
| 1998 UO <sub>50</sub>  | * 1998 10 24.19636  | 23 57 18.22  | +00 05 16.1     | 1998 UR <sub>9</sub>   | 21.2 V     | 691  |      |
| 1998 UO <sub>50</sub>  | 1998 10 24.21704    | 23 57 17.76  | +00 05 08.7     | 1998 UR <sub>9</sub>   | 21.4 V     | 691  |      |
| 1998 UO <sub>50</sub>  | 1998 10 24.23762    | 23 57 17.25  | +00 05 02.3     | 1998 UR <sub>9</sub>   | 21.3 V     | 691  |      |
| 1998 WE <sub>46</sub>  | * 1998 11 23.15103  | 02 13 35.12  | +14 39 46.3     | 1998 WC <sub>35</sub>  | 19.8 V     | 691  |      |
| 1998 WE <sub>46</sub>  | 1998 11 23.17325    | 02 13 34.03  | +14 39 48.2     | 1998 WC <sub>35</sub>  | 19.4 V     | 691  |      |
| 1998 WE <sub>46</sub>  | 1998 11 23.19510    | 02 13 32.95  | +14 39 50.0     | 1998 WC <sub>35</sub>  | 19.5 V     | 691  |      |
| 1999 QU <sub>3</sub>   | * 1999 08 21.25592  | 21 04 09.99  | -16 26 58.1     | 1999 PL <sub>5</sub>   | 20.2 V     | 691  |      |
| 1999 QU <sub>3</sub>   | 1999 08 21.28092    | 21 04 08.46  | -16 27 03.9     | 1999 PL <sub>5</sub>   | 20.1 V     | 691  |      |
| 1999 QU <sub>3</sub>   | 1999 08 21.30454    | 21 04 07.09  | -16 27 07.9     | 1999 PL <sub>5</sub>   | 20.3 V     | 691  |      |
| 1999 TC <sub>336</sub> | * 1999 10 08.31004  | 01 38 02.56  | +14 01 19.2     | 1999 TL <sub>44</sub>  | 20.5 V     | 691  |      |
| 1999 TC <sub>336</sub> | 1999 10 08.33160    | 01 38 01.62  | +14 01 10.1     | 1999 TL <sub>44</sub>  | 20.3 V     | 691  |      |
| 1999 TC <sub>336</sub> | 1999 10 08.35309    | 01 38 00.70  | +14 01 00.4     | 1999 TL <sub>44</sub>  | 20.4 V     | 691  |      |
| 1999 TD <sub>336</sub> | * 1999 10 09.15570  | 23 26 03.96  | -02 28 04.4     | 1999 TP <sub>296</sub> | 20.2 V     | 691  |      |
| 1999 TD <sub>336</sub> | 1999 10 09.17716    | 23 26 03.08  | -02 28 08.9     | 1999 TP <sub>296</sub> | 20.3 V     | 691  |      |
| 1999 TD <sub>336</sub> | 1999 10 09.19832    | 23 26 02.23  | -02 28 13.2     | 1999 TP <sub>296</sub> | 19.9 V     | 691  |      |

|                        |   |                  |             |             |                        |        |     |                        |   |                  |             |             |                        |        |     |
|------------------------|---|------------------|-------------|-------------|------------------------|--------|-----|------------------------|---|------------------|-------------|-------------|------------------------|--------|-----|
| 1999 TE <sub>336</sub> | * | 1999 10 09.28091 | 01 34 25.50 | +14 22 09.8 | 1999 TM <sub>51</sub>  | 20.4 V | 691 | 2001 DO <sub>111</sub> |   | 2001 02 25.33622 | 13 55 42.98 | -11 33 13.3 | 2001 DH <sub>85</sub>  | 22.1   | 807 |
| 1999 TE <sub>336</sub> |   | 1999 10 09.30305 | 01 34 24.49 | +14 21 59.5 | 1999 TM <sub>51</sub>  | 21.0 V | 691 | 2001 FC <sub>197</sub> | * | 2001 03 31.13665 | 10 08 24.52 | +13 03 01.2 | 2001 DJ <sub>111</sub> | 20.4 V | 691 |
| 1999 TE <sub>336</sub> |   | 1999 10 09.32514 | 01 34 23.48 | +14 21 50.1 | 1999 TM <sub>51</sub>  | 20.9 V | 691 | 2001 FC <sub>197</sub> |   | 2001 03 31.15872 | 10 08 23.89 | +13 02 57.6 | 2001 DJ <sub>111</sub> | 21.3 V | 691 |
| 1999 UY <sub>64</sub>  | * | 1999 10 16.48362 | 02 53 42.83 | +17 21 31.5 | 1999 TT <sub>76</sub>  | 21.8 V | 691 | 2001 FC <sub>197</sub> |   | 2001 03 31.18115 | 10 08 23.20 | +13 02 54.9 | 2001 DJ <sub>111</sub> | 21.4 V | 691 |
| 1999 UY <sub>64</sub>  |   | 1999 10 16.49536 | 02 53 42.12 | +17 21 31.7 | 1999 TT <sub>76</sub>  | 21.7 V | 691 | 2001 FD <sub>197</sub> | * | 2001 03 21.23437 | 09 26 12.51 | +17 34 43.4 | 2004 RQ <sub>245</sub> | 20.4 V | 691 |
| 1999 UY <sub>64</sub>  |   | 1999 10 16.50702 | 02 53 41.38 | +17 21 31.7 | 1999 TT <sub>76</sub>  | 21.9 V | 691 | 2001 FD <sub>197</sub> |   | 2001 03 21.23894 | 09 26 12.40 | +17 34 43.0 | 2004 RQ <sub>245</sub> | 20.7 V | 691 |
| 1999 UZ <sub>64</sub>  | * | 1999 10 19.27078 | 02 32 44.75 | +07 50 28.9 | 1999 TN <sub>285</sub> | 19.4   | 704 | 2001 FD <sub>197</sub> |   | 2001 03 21.24350 | 09 26 12.29 | +17 34 42.7 | 2004 RQ <sub>245</sub> | 20.5 V | 691 |
| 1999 UZ <sub>64</sub>  |   | 1999 10 19.28479 | 02 32 43.99 | +07 50 27.8 | 1999 TN <sub>285</sub> | 19.7   | 704 | 2001 OX <sub>113</sub> | * | 2001 07 27.49720 | 19 47 43.66 | -24 41 42.9 | 2001 OE <sub>88</sub>  | 19.5   | 608 |
| 1999 UZ <sub>64</sub>  |   | 1999 10 19.29877 | 02 32 43.31 | +07 50 26.9 | 1999 TN <sub>285</sub> | 19.3   | 704 | 2001 OX <sub>113</sub> |   | 2001 07 27.50773 | 19 47 43.05 | -24 41 42.5 | 2001 OE <sub>88</sub>  | 19.5   | 608 |
| 1999 UZ <sub>64</sub>  |   | 1999 10 19.31282 | 02 32 42.48 | +07 50 26.3 | 1999 TN <sub>285</sub> | 19.4   | 704 | 2001 OX <sub>113</sub> |   | 2001 07 27.51875 | 19 47 42.41 | -24 41 42.3 | 2001 OE <sub>88</sub>  | 19.4   | 608 |
| 1999 VM <sub>231</sub> | * | 1999 11 04.21698 | 01 30 04.59 | +14 49 07.2 | 1999 VP <sub>193</sub> | 20.9 V | 691 | 2001 PL <sub>67</sub>  | * | 2001 08 01.22940 | 20 37 19.70 | -29 22 37.6 | 2001 OR <sub>112</sub> | 17.2   | 644 |
| 1999 VM <sub>231</sub> |   | 1999 11 04.24507 | 01 30 03.23 | +14 49 01.6 | 1999 VP <sub>193</sub> | 21.2 V | 691 | 2001 PL <sub>67</sub>  |   | 2001 08 01.23950 | 20 37 18.96 | -29 22 37.7 | 2001 OR <sub>112</sub> | 17.2   | 644 |
| 1999 VM <sub>231</sub> |   | 1999 11 04.27322 | 01 30 01.93 | +14 48 56.3 | 1999 VP <sub>193</sub> | 20.9 V | 691 | 2001 PL <sub>67</sub>  |   | 2001 08 01.25067 | 20 37 18.19 | -29 22 38.2 | 2001 OR <sub>112</sub> | 17.1   | 644 |
| 1999 VN <sub>231</sub> | * | 1999 11 09.33289 | 02 53 42.17 | +17 24 59.9 | 1999 UL <sub>58</sub>  | 22.2 V | 691 | 2001 PM <sub>67</sub>  | * | 2001 08 10.29054 | 21 35 45.79 | -22 09 23.0 | 2001 QC <sub>203</sub> | 20.3   | 644 |
| 1999 VN <sub>231</sub> |   | 1999 11 09.35497 | 02 53 40.73 | +17 24 55.0 | 1999 UL <sub>58</sub>  | 21.6 V | 691 | 2001 PM <sub>67</sub>  |   | 2001 08 10.30107 | 21 35 45.20 | -22 09 25.2 | 2001 QC <sub>203</sub> | 19.8   | 644 |
| 1999 VN <sub>231</sub> |   | 1999 11 09.37920 | 02 53 39.18 | +17 24 51.4 | 1999 UL <sub>58</sub>  | 21.8 V | 691 | 2001 PM <sub>67</sub>  |   | 2001 08 10.31158 | 21 35 44.61 | -22 09 27.8 | 2001 QC <sub>203</sub> | 20.1   | 644 |
| 2000 AF <sub>258</sub> | * | 2000 01 13.11503 | 05 01 25.26 | +23 03 21.8 | 2000 AV <sub>250</sub> | 20.2 V | 691 | 2001 SB <sub>355</sub> | * | 2001 09 25.18239 | 23 25 05.47 | +24 39 06.1 | 2001 SQ <sub>343</sub> | 19.4 R | 699 |
| 2000 AF <sub>258</sub> |   | 2000 01 13.13756 | 05 01 24.67 | +23 03 24.1 | 2000 AV <sub>250</sub> | 20.2 V | 691 | 2001 SB <sub>355</sub> |   | 2001 09 25.18553 | 23 25 05.42 | +24 39 05.4 | 2001 SQ <sub>343</sub> |        | 699 |
| 2000 AF <sub>258</sub> |   | 2000 01 13.16008 | 05 01 24.03 | +23 03 26.2 | 2000 AV <sub>250</sub> | 20.9 V | 691 | 2001 SB <sub>355</sub> |   | 2001 09 25.18865 | 23 25 05.11 | +24 39 03.9 | 2001 SQ <sub>343</sub> |        | 699 |
| 2000 CR <sub>149</sub> | * | 2000 02 10.81499 | 08 07 48.40 | +22 19 45.8 | 2000 CF <sub>106</sub> | 20.3 V | 557 | 2001 SB <sub>355</sub> |   | 2001 09 25.19179 | 23 25 04.92 | +24 39 02.1 | 2001 SQ <sub>343</sub> |        | 699 |
| 2000 EO <sub>208</sub> | * | 2000 03 12.24753 | 09 46 30.35 | +14 29 26.6 | 2000 EX <sub>175</sub> | 21.9 V | 691 | 2001 UR <sub>228</sub> | * | 2001 10 18.28515 | 01 17 37.00 | +07 42 12.3 | 2001 TE <sub>238</sub> | 20.1   | 644 |
| 2000 EO <sub>208</sub> |   | 2000 03 12.27421 | 09 46 29.30 | +14 29 29.3 | 2000 EX <sub>175</sub> | 21.5 V | 691 | 2001 UR <sub>228</sub> |   | 2001 10 18.30543 | 01 17 35.73 | +07 42 06.0 | 2001 TE <sub>238</sub> | 20.4   | 644 |
| 2000 EO <sub>208</sub> |   | 2000 03 12.30064 | 09 46 28.22 | +14 29 31.7 | 2000 EX <sub>175</sub> | 21.6 V | 691 | 2001 UR <sub>228</sub> |   | 2001 10 18.32900 | 01 17 34.21 | +07 41 59.6 | 2001 TE <sub>238</sub> | 20.7   | 644 |
| 2000 JM <sub>94</sub>  | * | 2000 05 09.35976 | 15 35 10.30 | -08 08 00.0 | 2000 HX <sub>96</sub>  | 21.8 V | 691 | 2001 WY <sub>103</sub> | * | 2001 11 18.16744 | 01 59 13.13 | +25 59 53.0 | 2001 VK <sub>89</sub>  | 20.3   | 704 |
| 2000 JM <sub>94</sub>  |   | 2000 05 09.38312 | 15 35 09.15 | -08 07 56.7 | 2000 HX <sub>96</sub>  | 21.7 V | 691 | 2001 WY <sub>103</sub> |   | 2001 11 18.18223 | 01 59 12.44 | +25 59 48.3 | 2001 VK <sub>89</sub>  | 20.9   | 704 |
| 2000 JM <sub>94</sub>  |   | 2000 05 09.40429 | 15 35 08.08 | -08 07 53.2 | 2000 HX <sub>96</sub>  | 21.6 V | 691 | 2001 WY <sub>103</sub> |   | 2001 11 18.19698 | 01 59 11.80 | +25 59 43.6 | 2001 VK <sub>89</sub>  | 20.7   | 704 |
| 2000 QY <sub>254</sub> | * | 2000 08 31.32000 | 22 37 21.00 | -05 40 09.2 | 2000 QH <sub>110</sub> | 18.2   | 704 | 2002 CS <sub>315</sub> | * | 2002 02 10.28235 | 09 17 32.83 | +30 19 52.0 | 2007 EJ <sub>23</sub>  | 20.7   | 704 |
| 2000 QY <sub>254</sub> |   | 2000 08 31.33433 | 22 37 20.22 | -05 40 12.2 | 2000 QH <sub>110</sub> | 18.7   | 704 | 2002 CS <sub>315</sub> |   | 2002 02 10.29767 | 09 17 31.72 | +30 19 51.3 | 2007 EJ <sub>23</sub>  | 20.1   | 704 |
| 2000 QY <sub>254</sub> |   | 2000 08 31.34887 | 22 37 19.49 | -05 40 15.4 | 2000 QH <sub>110</sub> | 19.4   | 704 | 2002 CS <sub>315</sub> |   | 2002 02 10.31203 | 09 17 30.68 | +30 19 51.5 | 2007 EJ <sub>23</sub>  | 20.8   | 704 |
| 2000 QY <sub>254</sub> |   | 2000 08 31.36308 | 22 37 18.63 | -05 40 20.6 | 2000 QH <sub>110</sub> | 18.6   | 704 | 2002 EQ <sub>162</sub> | * | 2002 03 05.45733 | 11 37 55.20 | +03 52 47.3 | 2008 FK <sub>41</sub>  | 21.3 V | 691 |
| 2000 WB <sub>198</sub> | * | 2000 11 29.22393 | 02 35 23.35 | +25 31 51.3 | 2000 WL <sub>71</sub>  | 19.3   | 704 | 2002 EQ <sub>162</sub> |   | 2002 03 05.47883 | 11 37 54.30 | +03 52 54.8 | 2008 FK <sub>41</sub>  | 21.3 V | 691 |
| 2000 WB <sub>198</sub> |   | 2000 11 29.23919 | 02 35 22.68 | +25 31 45.9 | 2000 WL <sub>71</sub>  | 19.6   | 704 | 2002 EQ <sub>162</sub> |   | 2002 03 05.50048 | 11 37 53.37 | +03 53 02.9 | 2008 FK <sub>41</sub>  | 21.5 V | 691 |
| 2000 WB <sub>198</sub> |   | 2000 11 29.25485 | 02 35 22.02 | +25 31 40.1 | 2000 WL <sub>71</sub>  | 19.6   | 704 | 2002 ER <sub>162</sub> | * | 2002 03 06.17292 | 07 04 54.35 | +24 20 53.0 | 2002 AW <sub>67</sub>  | 16.5   | 704 |
| 2000 WB <sub>198</sub> |   | 2000 11 29.27149 | 02 35 21.37 | +25 31 32.6 | 2000 WL <sub>71</sub>  | 19.7   | 704 | 2002 ER <sub>162</sub> |   | 2002 03 06.18624 | 07 04 54.60 | +24 20 53.1 | 2002 AW <sub>67</sub>  | 17.7   | 704 |
| 2000 WB <sub>198</sub> |   | 2000 11 29.28737 | 02 35 20.72 | +25 31 26.8 | 2000 WL <sub>71</sub>  | 19.8   | 704 | 2002 ER <sub>162</sub> |   | 2002 03 06.20008 | 07 04 54.82 | +24 20 52.0 | 2002 AW <sub>67</sub>  | 17.4   | 704 |
| 2000 WC <sub>198</sub> | * | 2000 11 29.30002 | 04 00 11.95 | +25 21 39.4 | 2000 WZ <sub>79</sub>  | 19.0   | 704 | 2002 ER <sub>162</sub> |   | 2002 03 06.21341 | 07 04 55.00 | +24 20 52.0 | 2002 AW <sub>67</sub>  | 17.8   | 704 |
| 2000 WC <sub>198</sub> |   | 2000 11 29.31757 | 04 00 10.88 | +25 21 38.2 | 2000 WZ <sub>79</sub>  | 19.4   | 704 | 2002 ER <sub>162</sub> |   | 2002 03 06.22671 | 07 04 55.30 | +24 20 52.3 | 2002 AW <sub>67</sub>  | 18.0   | 704 |
| 2000 WC <sub>198</sub> |   | 2000 11 29.33403 | 04 00 09.96 | +25 21 37.3 | 2000 WZ <sub>79</sub>  | 19.3   | 704 | 2002 FH <sub>41</sub>  | * | 2002 03 16.26149 | 11 37 12.16 | +05 51 45.3 | 2002 EZ <sub>142</sub> | 20.4   | 704 |
| 2000 WC <sub>198</sub> |   | 2000 11 29.35139 | 04 00 08.95 | +25 21 36.5 | 2000 WZ <sub>79</sub>  | 19.5   | 704 | 2002 FH <sub>41</sub>  |   | 2002 03 16.27491 | 11 37 11.30 | +05 51 46.0 | 2002 EZ <sub>142</sub> | 20.1   | 704 |
| 2000 WC <sub>198</sub> |   | 2000 11 29.36656 | 04 00 08.12 | +25 21 35.2 | 2000 WZ <sub>79</sub>  | 19.2   | 704 | 2002 FH <sub>41</sub>  |   | 2002 03 16.30188 | 11 37 09.72 | +05 51 49.0 | 2002 EZ <sub>142</sub> | 20.2   | 704 |
| 2000 WD <sub>198</sub> | * | 2000 11 30.31615 | 04 18 31.17 | +29 22 29.3 | 2000 WQ <sub>109</sub> | 18.7   | 704 | 2002 QB <sub>126</sub> | * | 2002 08 17.04039 | 01 23 46.92 | +07 19 46.8 | 2002 QP <sub>5</sub>   | 20.9 R | 621 |
| 2000 WD <sub>198</sub> |   | 2000 11 30.33134 | 04 18 30.18 | +29 22 29.8 | 2000 WQ <sub>109</sub> | 18.5   | 704 | 2002 QB <sub>126</sub> |   | 2002 08 17.05192 | 01 23 46.96 | +07 19 47.6 | 2002 QP <sub>5</sub>   | 18.6 R | 621 |
| 2000 WD <sub>198</sub> |   | 2000 11 30.34662 | 04 18 29.20 | +29 22 30.5 | 2000 WQ <sub>109</sub> | 18.5   | 704 | 2002 QB <sub>126</sub> |   | 2002 08 17.06345 | 01 23 47.02 | +07 19 48.2 | 2002 QP <sub>5</sub>   | 19.6 R | 621 |
| 2000 YA <sub>144</sub> | * | 2000 12 27.07603 | 04 24 22.94 | +23 44 17.1 | 2000 YL <sub>15</sub>  | 20.5 V | 691 | 2002 TX <sub>383</sub> | * | 2002 10 05.14344 | 00 29 46.86 | -01 18 59.2 | 2002 TB <sub>97</sub>  | 19.4   | 644 |
| 2000 YA <sub>144</sub> |   | 2000 12 27.09904 | 04 24 21.95 | +23 44 11.8 | 2000 YL <sub>15</sub>  | 20.6 V | 691 | 2002 TX <sub>383</sub> |   | 2002 10 05.20771 | 00 29 43.36 | -01 19 01.3 | 2002 TB <sub>97</sub>  | 19.2   | 644 |
| 2000 YA <sub>144</sub> |   | 2000 12 27.12231 | 04 24 21.05 | +23 44 07.0 | 2000 YL <sub>15</sub>  | 20.7 V | 691 | 2002 TX <sub>383</sub> |   | 2002 10 05.      |             |             |                        |        |     |

|                        |   |                   |                 |             |                        |        |     |                        |                    |             |             |                        |        |     |
|------------------------|---|-------------------|-----------------|-------------|------------------------|--------|-----|------------------------|--------------------|-------------|-------------|------------------------|--------|-----|
| 2002 TB <sub>384</sub> | * | 2002 10 11.420770 | 02 28 31.239+00 | 31 47.60    | 2002 TL <sub>313</sub> | 21.23V | 645 | 2004 KS <sub>18</sub>  | 2004 05 28.29334   | 14 11 40.58 | -10 36 12.0 | 2004 JQ <sub>53</sub>  | 21.5 V | 291 |
| 2002 TB <sub>384</sub> |   | 2002 10 11.424242 | 02 28 31.086+00 | 31 46.96    | 2002 TL <sub>313</sub> | 22.02  | 645 | 2004 KS <sub>18</sub>  | 2004 05 28.30379   | 14 11 40.20 | -10 36 12.2 | 2004 JQ <sub>53</sub>  | 21.4 V | 291 |
| 2002 UP <sub>76</sub>  | * | 2002 10 31.201780 | 00 00 24.496+00 | 16 55.33    | 2002 SW <sub>68</sub>  | 21.38V | 645 | 2004 SA <sub>62</sub>  | * 2004 09 22.34313 | 02 42 00.66 | +14 29 01.1 | 2004 SO <sub>25</sub>  | 20.6 R | 333 |
| 2002 UP <sub>76</sub>  |   | 2002 10 31.205252 | 00 00 24.403+00 | 16 54.94    | 2002 SW <sub>68</sub>  | 22.33  | 645 | 2004 SA <sub>62</sub>  | 2004 09 22.41207   | 02 41 59.72 | +14 28 49.7 | 2004 SO <sub>25</sub>  | 20.4 R | 333 |
| 2002 UQ <sub>76</sub>  | * | 2002 10 29.28459  | 02 20 18.38     | +13 44 24.9 | 2007 YA <sub>11</sub>  | 20.5 R | 644 | 2004 TS <sub>369</sub> | * 2004 10 09.25409 | 01 59 48.82 | +13 03 48.3 | 2004 TX <sub>100</sub> | 21.2 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 10 29.35309  | 02 20 13.89     | +13 44 15.4 | 2007 YA <sub>11</sub>  | 19.8 R | 644 | 2004 TS <sub>369</sub> | 2004 10 09.28597   | 01 59 47.22 | +13 03 42.2 | 2004 TX <sub>100</sub> | 20.8 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 10 29.41596  | 02 20 09.82     | +13 44 06.9 | 2007 YA <sub>11</sub>  | 19.8 R | 644 | 2004 TS <sub>369</sub> | 2004 10 09.31319   | 01 59 45.84 | +13 03 36.6 | 2004 TX <sub>100</sub> | 20.5 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 10 31.33743  | 02 18 10.77     | +13 39 36.9 | 2007 YA <sub>11</sub>  | 19.7 R | 644 | 2004 TT <sub>369</sub> | * 2004 10 14.38824 | 03 00 57.11 | +13 06 35.1 | 2004 TT <sub>294</sub> | 20.6 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 10 31.35850  | 02 18 09.39     | +13 39 33.9 | 2007 YA <sub>11</sub>  | 20.0 R | 644 | 2004 TT <sub>369</sub> | 2004 10 14.41624   | 03 00 55.86 | +13 06 30.3 | 2004 TT <sub>294</sub> | 21.1 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 11 01.53865  | 02 16 56.56     | +13 36 48.5 | 2007 YA <sub>11</sub>  | 20.0 R | 608 | 2004 TT <sub>369</sub> | 2004 10 14.44818   | 03 00 54.38 | +13 06 24.8 | 2004 TT <sub>294</sub> | 20.9 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 11 01.54916  | 02 16 55.88     | +13 36 47.3 | 2007 YA <sub>11</sub>  |        | 608 | 2004 VE <sub>130</sub> | * 2004 11 10.47181 | 04 56 07.54 | +19 40 51.1 | 2006 DK <sub>161</sub> | 21.0 V | 691 |
| 2002 UQ <sub>76</sub>  |   | 2002 11 01.55969  | 02 16 55.18     | +13 36 45.3 | 2007 YA <sub>11</sub>  | 20.1 R | 608 | 2004 VE <sub>130</sub> | 2004 11 10.49757   | 04 56 06.43 | +19 40 48.1 | 2006 DK <sub>161</sub> | 21.1 V | 691 |
| 2002 UR <sub>76</sub>  | * | 2002 10 31.175480 | 23 22 25.648+00 | 22 00.58    | 2002 UU <sub>62</sub>  | 21.58V | 645 | 2004 VE <sub>130</sub> | 2004 11 10.52374   | 04 56 05.33 | +19 40 45.0 | 2006 DK <sub>161</sub> | 21.1 V | 691 |
| 2002 UR <sub>76</sub>  |   | 2002 10 31.178952 | 23 22 25.618+00 | 21 59.18    | 2002 UU <sub>62</sub>  | 22.46  | 645 | 2004 VG <sub>130</sub> | * 2004 11 04.20148 | 01 23 03.56 | +02 25 49.4 | 2004 TQ <sub>286</sub> | 20.7 R | 683 |
| 2002 VZ <sub>141</sub> | * | 2002 11 13.18980  | 02 41 24.57     | +15 41 19.4 | 2002 VB <sub>130</sub> | 21.4 V | 291 | 2004 VG <sub>130</sub> | 2004 11 04.21484   | 01 23 02.99 | +02 25 49.9 | 2004 TQ <sub>286</sub> | 21.3 R | 683 |
| 2002 VZ <sub>141</sub> |   | 2002 11 13.19533  | 02 41 24.31     | +15 41 17.8 | 2002 VB <sub>130</sub> | 21.2 V | 291 | 2004 VG <sub>130</sub> | 2004 11 04.22822   | 01 23 02.28 | +02 25 47.4 | 2004 TQ <sub>286</sub> | 21.6 R | 683 |
| 2002 VZ <sub>141</sub> |   | 2002 11 13.20089  | 02 41 24.00     | +15 41 16.4 | 2002 VB <sub>130</sub> | 21.2 V | 291 | 2005 BJ <sub>49</sub>  | * 2005 01 18.33485 | 08 22 56.48 | +20 03 54.8 | 2005 AX <sub>55</sub>  | 20.7 V | 691 |
| 2003 CE <sub>26</sub>  | * | 2003 02 01.261570 | 09 52 04.147+36 | 54 16.64    | 2001 TO <sub>258</sub> | 21.83V | 645 | 2005 BJ <sub>49</sub>  | 2005 01 18.36775   | 08 22 54.46 | +20 03 54.3 | 2005 AX <sub>55</sub>  | 20.8 V | 691 |
| 2003 CE <sub>26</sub>  |   | 2003 02 01.265042 | 09 52 04.077+36 | 54 16.71    | 2001 TO <sub>258</sub> | 23.03  | 645 | 2005 BJ <sub>49</sub>  | 2005 01 18.39378   | 08 22 52.84 | +20 03 53.6 | 2005 AX <sub>55</sub>  | 20.6 V | 691 |
| 2003 SW <sub>430</sub> | * | 2003 09 26.269090 | 23 44 16.652-00 | 56 27.87    | 2003 SV <sub>342</sub> | 21.45V | 645 | 2005 CY <sub>79</sub>  | * 2005 02 09.29731 | 15 45 14.13 | -21 26 37.9 | 2005 JM <sub>173</sub> | 21.5 R | 809 |
| 2003 SW <sub>430</sub> |   | 2003 09 26.272562 | 23 44 16.523-00 | 56 30.54    | 2003 SV <sub>342</sub> | 22.07  | 645 | 2005 CY <sub>79</sub>  | 2005 02 09.30490   | 15 45 14.61 | -21 26 39.8 | 2005 JM <sub>173</sub> | 22.6 R | 809 |
| 2003 SX <sub>430</sub> | * | 2003 09 26.298300 | 00 26 27.661+01 | 13 23.44    | 2003 SJ <sub>348</sub> | 21.56V | 645 | 2005 CY <sub>79</sub>  | 2005 02 09.31280   | 15 45 15.01 | -21 26 40.6 | 2005 JM <sub>173</sub> | 22.2 R | 809 |
| 2003 SX <sub>430</sub> |   | 2003 09 26.301772 | 00 26 27.491+01 | 13 22.41    | 2003 SJ <sub>348</sub> | 21.98  | 645 | 2005 CY <sub>79</sub>  | 2005 02 09.32028   | 15 45 15.43 | -21 26 42.0 | 2005 JM <sub>173</sub> | 22.5 R | 809 |
| 2003 SY <sub>430</sub> | * | 2003 09 29.43359  | 01 56 33.82     | +10 50 43.7 | 2003 SA <sub>362</sub> | 21.1 V | 691 | 2005 EF <sub>328</sub> | * 2005 03 13.12535 | 08 42 09.37 | +16 52 58.9 | 2005 EA <sub>173</sub> | 21.5 V | 691 |
| 2003 SY <sub>430</sub> |   | 2003 09 29.46172  | 01 56 32.32     | +10 50 41.9 | 2003 SA <sub>362</sub> | 20.9 V | 691 | 2005 EF <sub>328</sub> | 2005 03 13.14174   | 08 42 09.07 | +16 53 00.6 | 2005 EA <sub>173</sub> | 21.5 V | 691 |
| 2003 SY <sub>430</sub> |   | 2003 09 29.48910  | 01 56 30.84     | +10 50 39.6 | 2003 SA <sub>362</sub> | 21.4 V | 691 | 2005 EF <sub>328</sub> | 2005 03 13.15779   | 08 42 08.73 | +16 53 02.3 | 2005 EA <sub>173</sub> | 21.0 V | 691 |
| 2003 UG <sub>415</sub> | * | 2003 10 19.187470 | 23 13 35.411+01 | 02 22.31    | 2003 UV <sub>329</sub> | 21.08V | 645 | 2005 EG <sub>328</sub> | * 2005 03 04.26892 | 09 40 22.93 | +14 26 12.4 | 2005 EU <sub>3</sub>   | 20.4 R | G96 |
| 2003 UG <sub>415</sub> |   | 2003 10 19.190942 | 23 13 35.367+01 | 02 20.36    | 2003 UV <sub>329</sub> | 21.81  | 645 | 2005 EG <sub>328</sub> | 2005 03 04.27422   | 09 40 22.69 | +14 26 13.4 | 2005 EU <sub>3</sub>   | 20.5 R | G96 |
| 2003 UH <sub>415</sub> | * | 2003 10 22.209080 | 23 55 57.297+01 | 08 35.71    | 2003 UK <sub>335</sub> | 21.74V | 645 | 2005 EG <sub>328</sub> | 2005 03 04.27953   | 09 40 22.41 | +14 26 14.9 | 2005 EU <sub>3</sub>   | 22.9 R | G96 |
| 2003 UH <sub>415</sub> |   | 2003 10 22.212552 | 23 55 57.198+01 | 08 35.55    | 2003 UK <sub>335</sub> | 22.73  | 645 | 2005 EG <sub>328</sub> | 2005 03 04.28480   | 09 40 22.21 | +14 26 16.3 | 2005 EU <sub>3</sub>   | 21.4 R | G96 |
| 2003 UK <sub>415</sub> | * | 2003 10 28.27791  | 02 38 22.09     | +13 36 55.0 | 2003 UH <sub>370</sub> | 20.6   | 704 | 2005 EH <sub>328</sub> | * 2005 03 04.26892 | 09 40 26.10 | +14 25 08.0 | 2005 ES <sub>3</sub>   | 20.6 R | G96 |
| 2003 UK <sub>415</sub> |   | 2003 10 28.29012  | 02 38 21.44     | +13 36 53.7 | 2003 UH <sub>370</sub> | 20.6   | 704 | 2005 EH <sub>328</sub> | 2005 03 04.27422   | 09 40 25.88 | +14 25 09.4 | 2005 ES <sub>3</sub>   | 20.3 R | G96 |
| 2003 UK <sub>415</sub> |   | 2003 10 28.30276  | 02 38 20.74     | +13 36 49.2 | 2003 UH <sub>370</sub> | 20.0   | 704 | 2005 EH <sub>328</sub> | 2005 03 04.27953   | 09 40 25.65 | +14 25 10.7 | 2005 ES <sub>3</sub>   | 20.4 R | G96 |
| 2003 UL <sub>415</sub> | * | 2003 10 23.24512  | 02 28 10.88     | +04 52 57.7 | 2003 UT <sub>167</sub> | 22.2 V | 291 | 2005 EH <sub>328</sub> | 2005 03 04.28480   | 09 40 25.41 | +14 25 12.1 | 2005 ES <sub>3</sub>   | 20.3 R | G96 |
| 2003 UL <sub>415</sub> |   | 2003 10 23.24971  | 02 28 10.69     | +04 52 56.0 | 2003 UT <sub>167</sub> | 21.7 V | 291 | 2005 EJ <sub>328</sub> | * 2005 03 08.30257 | 10 28 53.38 | +08 17 52.4 | 2005 EJ <sub>46</sub>  | 19.6 R | G96 |
| 2003 UL <sub>415</sub> |   | 2003 10 23.25530  | 02 28 10.42     | +04 52 54.0 | 2003 UT <sub>167</sub> | 22.0 V | 291 | 2005 EJ <sub>328</sub> | 2005 03 08.30972   | 10 28 52.94 | +08 17 54.5 | 2005 EJ <sub>46</sub>  | 19.6 R | G96 |
| 2003 UM <sub>415</sub> | * | 2003 10 23.24517  | 02 28 14.69     | +04 54 09.0 | 2003 US <sub>167</sub> | 21.3 V | 291 | 2005 EJ <sub>328</sub> | 2005 03 08.31684   | 10 28 52.55 | +08 17 56.3 | 2005 EJ <sub>46</sub>  | 19.8 R | G96 |
| 2003 UM <sub>415</sub> |   | 2003 10 23.24975  | 02 28 14.49     | +04 54 06.7 | 2003 US <sub>167</sub> | 21.1 V | 291 | 2005 EJ <sub>328</sub> | 2005 03 08.32395   | 10 28 52.14 | +08 17 58.3 | 2005 EJ <sub>46</sub>  | 19.6 R | G96 |
| 2003 UM <sub>415</sub> |   | 2003 10 23.25535  | 02 28 14.24     | +04 54 05.2 | 2003 US <sub>167</sub> | 21.4 V | 291 | 2005 EK <sub>328</sub> | * 2005 03 09.31969 | 11 03 28.92 | +04 49 32.0 | 2005 EY <sub>80</sub>  | 21.3 R | G96 |
| 2004 BK <sub>163</sub> | * | 2004 01 26.36369  | 09 48 25.96     | +13 48 32.6 | 2004 BL <sub>74</sub>  | 20.0 R | 699 | 2005 EK <sub>328</sub> | 2005 03 09.32635   | 11 03 28.60 | +04 49 34.5 | 2005 EY <sub>80</sub>  | 21.5 R | G96 |
| 2004 BK <sub>163</sub> |   | 2004 01 26.38290  | 09 48 25.17     | +13 48 42.9 | 2004 BL <sub>74</sub>  |        | 699 | 2005 EK <sub>328</sub> | 2005 03 09.33300   | 11 03 28.25 | +04 49 37.0 | 2005 EY <sub>80</sub>  | 19.2 R | G96 |
| 2004 BK <sub>163</sub> |   | 2004 01 26.40207  | 09 48 24.54     | +13 48 48.1 | 2004 BL <sub>74</sub>  |        | 699 | 2005 EK <sub>328</sub> | 2005 03 09.33968   | 11 03 27.94 | +04 49 38.9 | 2005 EY <sub>80</sub>  | 19.2 R | G96 |
| 2004 BK <sub>163</sub> |   | 2004 01 26.43023  | 09 48 23.47     | +13 48 59.9 | 2004 BL <sub>74</sub>  |        | 699 | 2005 EL <sub>328</sub> | * 2005 03 10.24148 | 09 11 01.67 | +17 32 54.6 | 2005 ET <sub>105</sub> | 19.4 R | G96 |
| 2004 DY <sub>79</sub>  | * | 2004 02 18.33060  | 09 58 00.69     | +05 00 51.2 | 2004 CN <sub>92</sub>  | 21.6 V | 691 | 2005 EL <sub>328</sub> | 2005 03 10.24947   | 09 11 01.50 | +17 32 59.1 | 2005 ET <sub>105</sub> | 19.7 R | G96 |
| 2004 DY <sub>79</sub>  |   | 2004 02 18.36197  | 09 57 58.95     | +05 00 59.3 | 2004 CN <sub>92</sub>  | 21.5 V | 691 | 2005 EL <sub>328</sub> | 2005 03 10.25749   | 09 11 01.34 | +17 33 03.9 | 2005 ET <sub>105</sub> | 19.5 R | G96 |
| 2004 DY <sub>79</sub>  |   | 2004 02 18.38902  | 09 57 57.49     | +05 01 05.7 | 2004 CN <sub>92</sub>  | 21.5 V | 691 | 2005 EL <sub>328</sub> | 2005 03 10.26544   | 09 11 01.17 | +17 33 08.8 | 2005 ET <sub>105</sub> | 19.4 R | G96 |
| 2004 DZ <sub>79</sub>  | * | 2004 02 22.34934  | 10 07 38.46     | +09 18 17.0 | 2004 CG <sub>125</sub> | 22.3 V | 691 | 2005 EM <sub>328</sub> | * 2005 03 10.24345 | 09 24 10.51 | +16 39 58.5 | 2005 EL <sub>106</sub> | 21.0 R | G96 |
| 2004 DZ <sub>79</sub>  |   | 2004 02 22.37719  | 10 07 37.05     | +09 18 21.3 | 2004 CG <sub>125</sub> | 21.8 V | 691 | 2005 EM <sub>328</sub> | 2005 03 10.25143   | 09 24 10.29 | +16 40 00.9 | 2005 EL <sub>106</sub> | 20.2 R | G96 |
| 2004 DZ <sub>79</sub>  |   | 2004 02 22.40480  | 10 07 35.66     | +09 18 25.6 | 2004 CG <sub>125</sub> | 22.0 V | 691 | 2005 EM <sub>328</sub> | 2005 03 10.25946   | 09 24 09.97 | +16 40 02.8 | 2005 EL <sub>106</sub> | 20.5 R | G96 |
| 2004 FJ <sub>166</sub> | * | 2004 03 30.16007  | 11 40 39.23     | +05 13 55.6 | 2004 FR <sub>132</sub> | 22.2 V | 291 | 2005 EM <sub>328</sub> | 2005 03 10.26741   | 09 24 09.67 | +16 40 05.0 | 2005 EL <sub>106</sub> | 20.4 R | G96 |
| 2004 FJ <sub>166</sub> |   | 2004 03 30.18295  | 11 40 38.31     | +05 14 01.5 | 2004 FR <sub>132</sub> | 21.8 V | 291 | 2005 EN <sub>328</sub> | * 2005 03 10.36509 | 12 31 54.69 | -01 44 14.9 | 2005 EH <sub>117</sub> | 20.3 R | G96 |
| 2004 FJ <sub>166</sub> |   | 2004 03 30.20612  | 11 40 37.29     | +05 14 07.2 | 2004 FR <sub>132</sub> | 22.0 V | 291 | 2005 EN <sub>328</sub> | 2005 03 10.37282   | 12 31 54.31 | -01 44 12.1 | 2005 EH <sub>117</sub> | 20.6 R | G96 |
| 2004 KS <sub>18</sub>  | * | 2004 05 28.28644  | 14 11 40.83     | -10 36 11.9 | 2004 JQ <sub>53</sub>  | 21.2 V | 291 | 2005 EN <sub>328</sub> | 2005 03 10.38056   | 12 31 53.96 | -01 44 09.6 | 2005 EH <sub>117</sub> | 19.8 R | G96 |

|                        |                    |             |             |                        |        |     |                        |                    |              |              |                        |        |     |
|------------------------|--------------------|-------------|-------------|------------------------|--------|-----|------------------------|--------------------|--------------|--------------|------------------------|--------|-----|
| 2005 EN <sub>328</sub> | 2005 03 10.38830   | 12 31 53.61 | -01 44 06.6 | 2005 EH <sub>117</sub> | 20.4 R | G96 | 2005 KZ <sub>13</sub>  | * 2005 05 20.34031 | 15 58 33.24  | -16 31 56.1  | 2005 JX <sub>143</sub> | 19.0 V | G96 |
| 2005 EO <sub>328</sub> | * 2005 03 10.39778 | 13 16 59.59 | -09 05 24.2 | 2005 EU <sub>101</sub> | 19.6 R | G96 | 2005 KZ <sub>13</sub>  | 2005 05 20.34697   | 15 58 32.84  | -16 31 55.8  | 2005 JX <sub>143</sub> | 18.9 V | G96 |
| 2005 EO <sub>328</sub> | 2005 03 10.40376   | 13 16 59.37 | -09 05 23.5 | 2005 EU <sub>101</sub> | 20.4 R | G96 | 2005 KZ <sub>13</sub>  | 2005 05 20.35358   | 15 58 32.44  | -16 31 55.4  | 2005 JX <sub>143</sub> | 18.7 V | G96 |
| 2005 EO <sub>328</sub> | 2005 03 10.40974   | 13 16 59.17 | -09 05 22.1 | 2005 EU <sub>101</sub> | 20.4 R | G96 | 2005 KZ <sub>13</sub>  | 2005 05 20.36019   | 15 58 32.05  | -16 31 55.2  | 2005 JX <sub>143</sub> | 18.9 V | G96 |
| 2005 EO <sub>328</sub> | 2005 03 10.41573   | 13 16 58.99 | -09 05 21.0 | 2005 EU <sub>101</sub> | 20.2 R | G96 | 2005 NL <sub>125</sub> | * 2005 07 11.33914 | 20 49 55.92  | -21 29 19.3  | 2005 NP <sub>84</sub>  | 20.7 V | 691 |
| 2005 EP <sub>328</sub> | * 2005 03 11.27708 | 12 38 10.74 | +02 13 42.1 | 2005 EG <sub>119</sub> | 20.1 V | 691 | 2005 NL <sub>125</sub> | 2005 07 11.35643   | 20 49 55.08  | -21 29 22.1  | 2005 NP <sub>84</sub>  | 20.3 V | 691 |
| 2005 EP <sub>328</sub> | 2005 03 11.30245   | 12 38 09.51 | +02 13 53.0 | 2005 EG <sub>119</sub> | 20.4 V | 691 | 2005 NL <sub>125</sub> | 2005 07 11.37723   | 20 49 54.08  | -21 29 25.6  | 2005 NP <sub>84</sub>  | 20.4 V | 691 |
| 2005 EP <sub>328</sub> | 2005 03 11.32777   | 12 38 08.26 | +02 14 04.5 | 2005 EG <sub>119</sub> | 20.3 V | 691 | 2005 NM <sub>125</sub> | * 2005 07 15.28621 | 20 00 48.57  | -17 45 28.7  | 2005 NQ <sub>98</sub>  | 21.0 V | 691 |
| 2005 FD <sub>13</sub>  | * 2005 03 16.29999 | 10 31 35.02 | +11 55 45.9 | 2005 EP <sub>230</sub> | 20.4 R | G96 | 2005 NM <sub>125</sub> | 2005 07 15.30356   | 20 00 47.49  | -17 45 32.2  | 2005 NQ <sub>98</sub>  | 20.8 V | 691 |
| 2005 FD <sub>13</sub>  | 2005 03 16.30649   | 10 31 34.72 | +11 55 47.4 | 2005 EP <sub>230</sub> | 20.4 R | G96 | 2005 NM <sub>125</sub> | 2005 07 15.32095   | 20 00 46.41  | -17 45 36.1  | 2005 NQ <sub>98</sub>  | 20.4 V | 691 |
| 2005 FD <sub>13</sub>  | 2005 03 16.31285   | 10 31 34.43 | +11 55 48.4 | 2005 EP <sub>230</sub> | 20.4 R | G96 | 2005 TT <sub>194</sub> | * 2005 10 06.29451 | 01 17 22.62  | +08 38 30.9  | 2005 SS <sub>242</sub> | 20.0 R | 699 |
| 2005 FD <sub>13</sub>  | 2005 03 16.31909   | 10 31 34.18 | +11 55 49.7 | 2005 EP <sub>230</sub> | 21.0 R | G96 | 2005 TT <sub>194</sub> | 2005 10 06.31643   | 01 17 21.47  | +08 38 22.2  | 2005 SS <sub>242</sub> |        | 699 |
| 2005 FE <sub>13</sub>  | * 2005 03 17.21776 | 09 24 42.53 | +10 43 40.0 | 2005 EE <sub>262</sub> | 20.1 R | G96 | 2005 TT <sub>194</sub> | 2005 10 06.33837   | 01 17 20.48  | +08 38 14.7  | 2005 SS <sub>242</sub> |        | 699 |
| 2005 FE <sub>13</sub>  | 2005 03 17.22399   | 09 24 42.42 | +10 43 42.1 | 2005 EE <sub>262</sub> | 19.2 R | G96 | 2005 TT <sub>194</sub> | 2005 10 06.36032   | 01 17 19.37  | +08 38 07.6  | 2005 SS <sub>242</sub> |        | 699 |
| 2005 FE <sub>13</sub>  | 2005 03 17.23019   | 09 24 42.36 | +10 43 45.1 | 2005 EE <sub>262</sub> | 19.5 R | G96 | 2005 US <sub>527</sub> | * 2005 10 27.29749 | 02 21 05.61  | +15 36 40.0  | 2005 UX <sub>119</sub> | 21.0 V | G96 |
| 2005 FE <sub>13</sub>  | 2005 03 17.23640   | 09 24 42.11 | +10 43 46.5 | 2005 EE <sub>262</sub> | 19.3 R | G96 | 2005 US <sub>527</sub> | 2005 10 27.30443   | 02 21 05.25  | +15 36 38.5  | 2005 UX <sub>119</sub> | 21.0 V | G96 |
| 2005 FF <sub>13</sub>  | * 2005 03 17.29478 | 11 05 13.68 | +03 06 56.3 | 2005 EV <sub>289</sub> | 20.2 R | G96 | 2005 US <sub>527</sub> | 2005 10 27.31133   | 02 21 04.86  | +15 36 36.4  | 2005 UX <sub>119</sub> | 20.7 V | G96 |
| 2005 FF <sub>13</sub>  | 2005 03 17.30102   | 11 05 13.37 | +03 06 58.3 | 2005 EV <sub>289</sub> | 19.7 R | G96 | 2005 US <sub>527</sub> | 2005 10 27.31802   | 02 21 04.50  | +15 36 34.8  | 2005 UX <sub>119</sub> | 20.9 V | G96 |
| 2005 FF <sub>13</sub>  | 2005 03 17.30727   | 11 05 13.01 | +03 06 59.7 | 2005 EV <sub>289</sub> | 20.1 R | G96 | 2005 UU <sub>528</sub> | * 2005 10 31.61026 | 10 55 30.816 | +08 59 10.55 | 2005 UC <sub>506</sub> | 21.8 R | 568 |
| 2005 FF <sub>13</sub>  | 2005 03 17.31351   | 11 05 12.69 | +03 07 01.8 | 2005 EV <sub>289</sub> | 19.8 R | G96 | 2005 UU <sub>528</sub> | 2005 10 31.61570   | 10 55 31.373 | +08 59 07.88 | 2005 UC <sub>506</sub> | 21.3 R | 568 |
| 2005 FG <sub>13</sub>  | * 2005 03 17.31978 | 12 21 14.28 | -04 22 04.4 | 2005 EM <sub>294</sub> | 21.0 V | 691 | 2005 UU <sub>528</sub> | 2005 10 31.62089   | 10 55 31.922 | +08 59 05.15 | 2005 UC <sub>506</sub> | 21.7 R | 568 |
| 2005 FG <sub>13</sub>  | 2005 03 17.34555   | 12 21 12.95 | -04 21 56.3 | 2005 EM <sub>294</sub> | 21.3 V | 691 | 2005 UV <sub>528</sub> | * 2005 10 27.43369 | 05 21 33.84  | +23 29 28.3  | 2005 WR <sub>80</sub>  | 19.8 V | G96 |
| 2005 FG <sub>13</sub>  | 2005 03 17.37083   | 12 21 11.61 | -04 21 49.3 | 2005 EM <sub>294</sub> | 20.6 V | 691 | 2005 UV <sub>528</sub> | 2005 10 27.44059   | 05 21 33.73  | +23 29 29.7  | 2005 WR <sub>80</sub>  | 19.8 V | G96 |
| 2005 FH <sub>13</sub>  | * 2005 03 17.40157 | 13 12 15.87 | -09 23 03.7 | 2005 EB <sub>252</sub> | 21.3 V | 691 | 2005 XK <sub>117</sub> | * 2005 12 02.22182 | 02 58 53.47  | +17 04 37.1  | 2005 WO <sub>125</sub> | 20.7 V | G96 |
| 2005 FH <sub>13</sub>  | 2005 03 17.43091   | 13 12 14.35 | -09 22 57.1 | 2005 EB <sub>252</sub> | 20.9 V | 691 | 2005 XK <sub>117</sub> | 2005 12 02.23118   | 02 58 53.07  | +17 04 36.0  | 2005 WO <sub>125</sub> | 21.1 V | G96 |
| 2005 FH <sub>13</sub>  | 2005 03 17.45637   | 13 12 13.14 | -09 22 54.2 | 2005 EB <sub>252</sub> | 20.7 V | 691 | 2005 XK <sub>117</sub> | 2005 12 02.24024   | 02 58 52.68  | +17 04 35.1  | 2005 WO <sub>125</sub> | 20.8 V | G96 |
| 2005 FJ <sub>13</sub>  | * 2005 03 17.40157 | 13 12 49.79 | -08 37 12.0 | 2005 EV <sub>292</sub> | 20.6 V | 691 | 2005 XK <sub>117</sub> | 2005 12 02.24940   | 02 58 52.28  | +17 04 34.1  | 2005 WO <sub>125</sub> | 20.8 V | G96 |
| 2005 FJ <sub>13</sub>  | 2005 03 17.43091   | 13 12 48.58 | -08 37 02.7 | 2005 EV <sub>292</sub> | 20.3 V | 691 | 2005 XL <sub>117</sub> | * 2005 12 04.40246 | 07 56 50.42  | +20 27 53.9  | 2005 XT <sub>24</sub>  | 21.4 V | G96 |
| 2005 FJ <sub>13</sub>  | 2005 03 17.45637   | 13 12 47.50 | -08 36 56.9 | 2005 EV <sub>292</sub> | 20.5 V | 691 | 2005 XL <sub>117</sub> | 2005 12 04.40970   | 07 56 50.20  | +20 27 54.2  | 2005 XT <sub>24</sub>  | 21.1 V | G96 |
| 2005 GD <sub>226</sub> | * 2005 04 09.16008 | 10 41 52.11 | +06 46 16.5 | 2005 GE <sub>64</sub>  | 21.3 R | G96 | 2005 XL <sub>117</sub> | 2005 12 04.41693   | 07 56 50.02  | +20 27 55.5  | 2005 XT <sub>24</sub>  | 21.9 V | G96 |
| 2005 GD <sub>226</sub> | 2005 04 09.16635   | 10 41 51.98 | +06 46 18.4 | 2005 GE <sub>64</sub>  | 20.6 R | G96 | 2005 XL <sub>117</sub> | 2005 12 04.42411   | 07 56 49.92  | +20 27 56.4  | 2005 XT <sub>24</sub>  | 21.5 V | G96 |
| 2005 GD <sub>226</sub> | 2005 04 09.17264   | 10 41 51.87 | +06 46 19.2 | 2005 GE <sub>64</sub>  | 21.4 R | G96 | 2005 XM <sub>117</sub> | * 2005 12 01.37491 | 03 58 19.66  | +15 11 15.4  | 2005 VT <sub>103</sub> | 19.4 V | G96 |
| 2005 GD <sub>226</sub> | 2005 04 09.17891   | 10 41 51.71 | +06 46 20.4 | 2005 GE <sub>64</sub>  | 21.3 R | G96 | 2005 XM <sub>117</sub> | 2005 12 01.37667   | 03 58 19.56  | +15 11 14.6  | 2005 VT <sub>103</sub> | 19.4 V | G96 |
| 2005 GE <sub>226</sub> | * 2005 04 11.20042 | 11 03 31.56 | +06 52 56.5 | 2005 GJ <sub>84</sub>  | 20.6 R | G96 | 2005 XM <sub>117</sub> | 2005 12 01.37843   | 03 58 19.48  | +15 11 14.0  | 2005 VT <sub>103</sub> | 19.4 V | G96 |
| 2005 GE <sub>226</sub> | 2005 04 11.20683   | 11 03 31.37 | +06 52 57.3 | 2005 GJ <sub>84</sub>  | 20.6 R | G96 | 2005 XM <sub>117</sub> | 2005 12 01.38017   | 03 58 19.38  | +15 11 13.0  | 2005 VT <sub>103</sub> | 19.4 V | G96 |
| 2005 GE <sub>226</sub> | 2005 04 11.21323   | 11 03 31.18 | +06 52 58.5 | 2005 GJ <sub>84</sub>  | 20.8 R | G96 | 2005 XN <sub>117</sub> | * 2005 12 02.15843 | 01 35 48.76  | +09 09 25.1  | 2005 UO <sub>137</sub> | 20.9 V | G96 |
| 2005 GE <sub>226</sub> | 2005 04 11.21963   | 11 03 31.03 | +06 52 59.4 | 2005 GJ <sub>84</sub>  | 21.0 R | G96 | 2005 XN <sub>117</sub> | 2005 12 02.16693   | 01 35 48.62  | +09 09 24.0  | 2005 UO <sub>137</sub> | 21.7 V | G96 |
| 2005 GF <sub>226</sub> | * 2005 04 11.23176 | 11 30 55.02 | +04 47 11.0 | 2005 EA <sub>237</sub> | 20.8 R | G96 | 2005 XN <sub>117</sub> | 2005 12 02.17568   | 01 35 48.51  | +09 09 21.7  | 2005 UO <sub>137</sub> | 21.7 V | G96 |
| 2005 GF <sub>226</sub> | 2005 04 11.23955   | 11 30 54.69 | +04 47 11.5 | 2005 EA <sub>237</sub> | 20.7 R | G96 | 2005 XN <sub>117</sub> | 2005 12 02.18441   | 01 35 48.40  | +09 09 20.5  | 2005 UO <sub>137</sub> | 21.9 V | G96 |
| 2005 GF <sub>226</sub> | 2005 04 11.24735   | 11 30 54.40 | +04 47 11.6 | 2005 EA <sub>237</sub> | 20.6 R | G96 | 2005 YU <sub>291</sub> | * 2005 12 28.17880 | 03 45 16.81  | +22 26 02.5  | 2005 YE <sub>61</sub>  | 20.6 V | G96 |
| 2005 GF <sub>226</sub> | 2005 04 11.25521   | 11 30 54.06 | +04 47 11.8 | 2005 EA <sub>237</sub> | 20.4 R | G96 | 2005 YU <sub>291</sub> | 2005 12 28.18543   | 03 45 16.52  | +22 26 04.0  | 2005 YE <sub>61</sub>  | 20.2 V | G96 |
| 2005 JK <sub>185</sub> | * 2005 05 04.30248 | 14 42 12.85 | -14 30 28.1 | 2005 GX <sub>212</sub> | 21.0 R | G96 | 2005 YU <sub>291</sub> | 2005 12 28.19757   | 03 45 16.09  | +22 26 05.5  | 2005 YE <sub>61</sub>  | 20.5 V | G96 |
| 2005 JK <sub>185</sub> | 2005 05 04.31044   | 14 42 12.42 | -14 30 25.9 | 2005 GX <sub>212</sub> | 18.5 R | G96 | 2005 YU <sub>291</sub> | 2005 12 28.20444   | 03 45 15.80  | +22 26 06.6  | 2005 YE <sub>61</sub>  | 20.1 V | G96 |
| 2005 JK <sub>185</sub> | 2005 05 04.31843   | 14 42 11.93 | -14 30 25.0 | 2005 GX <sub>212</sub> | 20.3 R | G96 | 2006 BQ <sub>279</sub> | * 2006 01 18.37554 | 08 40 54.94  | +23 14 12.9  | 2006 AY <sub>82</sub>  | 19.6 V | 703 |
| 2005 JK <sub>185</sub> | 2005 05 04.32642   | 14 42 11.48 | -14 30 23.7 | 2005 GX <sub>212</sub> | 19.7 R | G96 | 2006 BQ <sub>279</sub> | 2006 01 18.38350   | 08 40 54.55  | +23 14 16.6  | 2006 AY <sub>82</sub>  | 20.4 V | 703 |
| 2005 JL <sub>185</sub> | * 2005 05 13.25706 | 12 30 46.24 | -03 49 06.4 | 2005 JB <sub>153</sub> | 21.2 R | G96 | 2006 BQ <sub>279</sub> | 2006 01 18.39144   | 08 40 53.83  | +23 14 18.5  | 2006 AY <sub>82</sub>  | 19.9 V | 703 |
| 2005 JL <sub>185</sub> | 2005 05 13.26715   | 12 30 46.10 | -03 49 05.6 | 2005 JB <sub>153</sub> | 21.0 R | G96 | 2006 BQ <sub>279</sub> | 2006 01 18.39938   | 08 40 53.50  | +23 14 21.8  | 2006 AY <sub>82</sub>  | 20.6 V | 703 |
| 2005 JL <sub>185</sub> | 2005 05 13.27725   | 12 30 45.90 | -03 49 03.8 | 2005 JB <sub>153</sub> | 20.7 R | G96 | 2006 CO <sub>67</sub>  | * 2006 02 06.44659 | 08 53 08.73  | +24 19 29.1  | 2000 SX <sub>177</sub> |        | 291 |
| 2005 JL <sub>185</sub> | 2005 05 13.28735   | 12 30 45.62 | -03 49 03.1 | 2005 JB <sub>153</sub> | 20.0 R | G96 | 2006 CO <sub>67</sub>  | 2006 02 06.45096   | 08 53 08.47  | +24 19 28.5  | 2000 SX <sub>177</sub> |        | 291 |
| 2005 KY <sub>13</sub>  | * 2005 05 19.32414 | 15 53 43.28 | -13 24 38.5 | 2005 KG <sub>2</sub>   | 18.3 R | G96 | 2006 CO <sub>67</sub>  | 2006 02 06.45519   | 08 53 08.14  | +24 19 27.9  | 2000 SX <sub>177</sub> |        | 291 |
| 2005 KY <sub>13</sub>  | 2005 05 19.33071   | 15 53 42.87 | -13 24 37.9 | 2005 KG <sub>2</sub>   | 19.4 R | G96 | 2006 HW <sub>153</sub> | * 2006 04 26.19939 | 12 29 22.45  | -02 03 41.9  | 2003 SU <sub>139</sub> | 20.6 V | G96 |
| 2005 KY <sub>13</sub>  | 2005 05 19.33726   | 15 53 42.42 | -13 24 37.4 | 2005 KG <sub>2</sub>   | 19.6 R | G96 | 2006 HW <sub>153</sub> | 2006 04 26.20589   | 12 29 22.23  | -02 03 39.0  | 2003 SU <sub>139</sub> | 20.3 V | G96 |
| 2005 KY <sub>13</sub>  | 2005 05 19.34382   | 15 53 42.00 | -13 24 37.0 | 2005 KG <sub>2</sub>   | 19.7 R | G96 | 2006 HW <sub>153</sub> | 2006 04 26.21245   | 12 29 22.02  | -02 03 36.7  | 2003 SU <sub>139</sub> | 20.9 V | G96 |

|                        |                    |             |             |                        |          |     |                        |                    |             |             |                        |            |
|------------------------|--------------------|-------------|-------------|------------------------|----------|-----|------------------------|--------------------|-------------|-------------|------------------------|------------|
| 2006 HW <sub>153</sub> | 2006 04 26.21895   | 12 29 21.87 | -02 03 33.6 | 2003 SU <sub>139</sub> | 21.0 V   | G96 | 2006 UU <sub>357</sub> | 2006 10 27.19188   | 01 01 50.71 | -00 27 01.5 | 2006 SP <sub>338</sub> | 291        |
| 2006 JH <sub>81</sub>  | * 2006 05 01.27856 | 15 12 02.08 | +01 02 43.5 | 2006 HC <sub>105</sub> | 19.8 V   | 703 | 2006 UU <sub>357</sub> | 2006 10 27.19561   | 01 01 50.52 | -00 27 01.6 | 2006 SP <sub>338</sub> | 291        |
| 2006 JH <sub>81</sub>  | 2006 05 01.28600   | 15 12 01.54 | +01 02 42.1 | 2006 HC <sub>105</sub> | 20.9 V   | 703 | 2006 UV <sub>357</sub> | * 2006 10 22.24082 | 00 11 30.04 | +02 58 27.1 | 2006 SW <sub>295</sub> | 21.5 V G96 |
| 2006 JH <sub>81</sub>  | 2006 05 01.29345   | 15 12 01.08 | +01 02 39.9 | 2006 HC <sub>105</sub> | 20.6 V   | 703 | 2006 UV <sub>357</sub> | 2006 10 22.25021   | 00 11 29.65 | +02 58 24.0 | 2006 SW <sub>295</sub> | 21.1 V G96 |
| 2006 JH <sub>81</sub>  | 2006 05 01.30088   | 15 12 00.75 | +01 02 40.6 | 2006 HC <sub>105</sub> | 19.7 V   | 703 | 2006 UV <sub>357</sub> | 2006 10 22.25953   | 00 11 29.32 | +02 58 20.6 | 2006 SW <sub>295</sub> | 21.6 V G96 |
| 2006 JJ <sub>81</sub>  | * 2006 05 07.17223 | 12 59 25.94 | -08 46 53.2 | 2000 YV <sub>86</sub>  | 20.4 V   | G96 | 2006 UV <sub>357</sub> | 2006 10 22.26898   | 00 11 29.00 | +02 58 17.6 | 2006 SW <sub>295</sub> | 21.7 V G96 |
| 2006 JJ <sub>81</sub>  | 2006 05 07.18009   | 12 59 25.69 | -08 46 51.7 | 2000 YV <sub>86</sub>  | 21.6 V   | G96 | 2006 VF <sub>172</sub> | * 2006 11 13.22452 | 02 49 12.36 | +14 16 19.9 | 2006 VH <sub>31</sub>  | 20.7 V G96 |
| 2006 JJ <sub>81</sub>  | 2006 05 07.18796   | 12 59 25.36 | -08 46 50.3 | 2000 YV <sub>86</sub>  | 19.9 V   | G96 | 2006 VF <sub>172</sub> | 2006 11 13.22897   | 02 49 12.07 | +14 16 18.9 | 2006 VH <sub>31</sub>  | 20.9 V G96 |
| 2006 JJ <sub>81</sub>  | 2006 05 07.19571   | 12 59 25.11 | -08 46 48.6 | 2000 YV <sub>86</sub>  | 21.0 V   | G96 | 2006 VF <sub>172</sub> | 2006 11 13.23351   | 02 49 11.74 | +14 16 18.0 | 2006 VH <sub>31</sub>  | 20.7 V G96 |
| 2006 KE <sub>144</sub> | * 2006 05 24.16899 | 09 42 36.39 | +13 30 35.6 | 2000 SQ <sub>251</sub> | 21.5 V   | G96 | 2006 VF <sub>172</sub> | 2006 11 13.23799   | 02 49 11.53 | +14 16 15.9 | 2006 VH <sub>31</sub>  | 20.8 V G96 |
| 2006 KE <sub>144</sub> | 2006 05 24.17353   | 09 42 36.61 | +13 30 35.2 | 2000 SQ <sub>251</sub> | 21.3 V   | G96 | 2006 VG <sub>172</sub> | * 2006 11 13.24250 | 02 48 06.26 | +17 06 48.1 | 2006 VD <sub>38</sub>  | 21.7 V G96 |
| 2006 KE <sub>144</sub> | 2006 05 24.17814   | 09 42 36.79 | +13 30 35.0 | 2000 SQ <sub>251</sub> | 21.5 V   | G96 | 2006 VG <sub>172</sub> | 2006 11 13.24463   | 02 48 06.19 | +17 06 48.1 | 2006 VD <sub>38</sub>  | 21.4 V G96 |
| 2006 KE <sub>144</sub> | 2006 05 24.18267   | 09 42 37.00 | +13 30 34.1 | 2000 SQ <sub>251</sub> | 22.1 V   | G96 | 2006 VG <sub>172</sub> | 2006 11 13.24676   | 02 48 05.97 | +17 06 46.4 | 2006 VD <sub>38</sub>  | 22.1 V G96 |
| 2006 KF <sub>144</sub> | * 2006 05 31.24749 | 14 37 41.37 | -18 37 42.3 | 2004 XQ <sub>121</sub> | 21.6 V   | G96 | 2006 VG <sub>172</sub> | 2006 11 13.24889   | 02 48 05.90 | +17 06 46.6 | 2006 VD <sub>38</sub>  | 21.6 V G96 |
| 2006 KF <sub>144</sub> | 2006 05 31.25419   | 14 37 41.05 | -18 37 39.5 | 2004 XQ <sub>121</sub> | 21.8 V   | G96 | 2006 VH <sub>172</sub> | * 2006 11 14.20615 | 00 42 57.29 | +01 03 10.0 | 2006 VG <sub>167</sub> | 22.5 705   |
| 2006 KF <sub>144</sub> | 2006 05 31.26107   | 14 37 40.76 | -18 37 37.3 | 2004 XQ <sub>121</sub> | 22.2 V   | G96 | 2006 VH <sub>172</sub> | 2006 11 14.20863   | 00 42 57.28 | +01 03 09.6 | 2006 VG <sub>167</sub> | 21.8 V 705 |
| 2006 KF <sub>144</sub> | 2006 05 31.26778   | 14 37 40.44 | -18 37 35.0 | 2004 XQ <sub>121</sub> | 21.4 V   | G96 | 2006 VJ <sub>172</sub> | * 2006 11 14.23307 | 00 02 52.60 | +00 33 51.3 | 2006 VX <sub>160</sub> | 21.9 705   |
| 2006 QO <sub>186</sub> | * 2006 08 25.97707 | 23 06 06.79 | -04 11 02.6 | 2006 QS <sub>39</sub>  | 20.1 V   | 104 | 2006 VJ <sub>172</sub> | 2006 11 14.23638   | 00 02 52.60 | +00 33 51.2 | 2006 VX <sub>160</sub> | 21.2 V 705 |
| 2006 QO <sub>186</sub> | 2006 08 25.98700   | 23 06 06.26 | -04 11 04.6 | 2006 QS <sub>39</sub>  | 20.0 V   | 104 | 2006 VK <sub>172</sub> | * 2006 11 14.20374 | 00 45 13.09 | -01 04 28.6 | 2006 SP <sub>337</sub> | 22.5 705   |
| 2006 QO <sub>186</sub> | 2006 08 25.99684   | 23 06 05.87 | -04 11 06.9 | 2006 QS <sub>39</sub>  | 18.5 V   | 104 | 2006 VK <sub>172</sub> | 2006 11 14.20457   | 00 45 13.08 | -01 04 28.6 | 2006 SP <sub>337</sub> | 21.7 V 705 |
| 2006 QO <sub>186</sub> | 2006 08 26.00422   | 23 06 05.42 | -04 11 10.5 | 2006 QS <sub>39</sub>  | 20.0 V   | 104 | 2006 XW <sub>72</sub>  | * 2006 12 14.26764 | 04 48 31.89 | +19 00 03.1 | 2006 WH <sub>203</sub> | 19.9 V G96 |
| 2006 QP <sub>186</sub> | * 2006 08 28.29310 | 23 00 11.70 | -07 22 04.7 | 2006 QE <sub>69</sub>  | 20.8 V   | 691 | 2006 XW <sub>72</sub>  | 2006 12 14.27330   | 04 48 31.57 | +19 00 02.0 | 2006 WH <sub>203</sub> | 20.0 V G96 |
| 2006 QP <sub>186</sub> | 2006 08 28.31040   | 23 00 10.80 | -07 22 11.0 | 2006 QE <sub>69</sub>  | 20.7 V   | 691 | 2006 XW <sub>72</sub>  | 2006 12 14.27918   | 04 48 31.24 | +19 00 01.5 | 2006 WH <sub>203</sub> | 20.0 V G96 |
| 2006 QP <sub>186</sub> | 2006 08 28.33059   | 23 00 09.78 | -07 22 18.3 | 2006 QE <sub>69</sub>  | 20.7 V   | 691 | 2006 XW <sub>72</sub>  | 2006 12 14.28485   | 04 48 30.92 | +19 00 01.1 | 2006 WH <sub>203</sub> | 19.9 V G96 |
| 2006 QQ <sub>186</sub> | * 2006 08 30.14454 | 19 42 54.78 | -13 53 33.0 | 2006 QT <sub>90</sub>  | 19.4 704 |     | 2006 XW <sub>72</sub>  | 2006 12 27.22701   | 04 38 20.58 | +18 40 14.8 | 2006 WH <sub>203</sub> | 20.2 V G96 |
| 2006 QQ <sub>186</sub> | 2006 08 30.15576   | 19 42 54.74 | -13 54 04.3 | 2006 QT <sub>90</sub>  | 19.1 704 |     | 2006 XW <sub>72</sub>  | 2006 12 27.23373   | 04 38 20.29 | +18 40 14.6 | 2006 WH <sub>203</sub> | 20.6 V G96 |
| 2006 QQ <sub>186</sub> | 2006 08 30.16698   | 19 42 54.73 | -13 54 35.2 | 2006 QT <sub>90</sub>  | 19.1 704 |     | 2006 XW <sub>72</sub>  | 2006 12 27.24045   | 04 38 20.00 | +18 40 14.4 | 2006 WH <sub>203</sub> | 20.4 V G96 |
| 2006 SG <sub>409</sub> | * 2006 09 17.20237 | 22 26 52.90 | -04 25 25.8 | 2006 QW <sub>166</sub> | 20.3 V   | 703 | 2006 XW <sub>72</sub>  | 2006 12 27.24725   | 04 38 19.71 | +18 40 13.8 | 2006 WH <sub>203</sub> | 20.4 V G96 |
| 2006 SG <sub>409</sub> | 2006 09 17.21537   | 22 26 52.29 | -04 25 35.5 | 2006 QW <sub>166</sub> | 20.6 V   | 703 | 2007 DU <sub>114</sub> | * 2007 02 27.23737 | 10 45 49.67 | +09 37 59.9 | 2007 DU <sub>50</sub>  | 691        |
| 2006 SG <sub>409</sub> | 2006 09 17.22839   | 22 26 51.68 | -04 25 38.9 | 2006 QW <sub>166</sub> | 21.1 V   | 703 | 2007 DU <sub>114</sub> | 2007 02 27.25271   | 10 45 48.73 | +09 38 06.4 | 2007 DU <sub>50</sub>  | 691        |
| 2006 SG <sub>409</sub> | 2006 09 17.24133   | 22 26 51.18 | -04 25 46.7 | 2006 QW <sub>166</sub> | 21.1 V   | 703 | 2007 DU <sub>114</sub> | 2007 02 27.26804   | 10 45 47.83 | +09 38 12.6 | 2007 DU <sub>50</sub>  | 691        |
| 2006 SH <sub>409</sub> | * 2006 09 18.16808 | 22 48 03.06 | +05 21 32.1 | 2006 QB <sub>170</sub> | 19.0 V   | 703 | 2007 DV <sub>114</sub> | * 2007 02 27.23737 | 10 45 40.88 | +09 39 41.9 | 2007 DT <sub>92</sub>  | 691        |
| 2006 SH <sub>409</sub> | 2006 09 18.17649   | 22 48 02.88 | +05 21 29.5 | 2006 QB <sub>170</sub> | 19.8 V   | 703 | 2007 DV <sub>114</sub> | 2007 02 27.25271   | 10 45 39.91 | +09 39 49.5 | 2007 DT <sub>92</sub>  | 691        |
| 2006 SH <sub>409</sub> | 2006 09 18.18490   | 22 48 02.62 | +05 21 25.5 | 2006 QB <sub>170</sub> | 19.8 V   | 703 | 2007 DW <sub>114</sub> | 2007 02 27.26804   | 10 45 39.01 | +09 39 56.1 | 2007 DT <sub>92</sub>  | 691        |
| 2006 SH <sub>409</sub> | 2006 09 18.19326   | 22 48 02.16 | +05 21 20.7 | 2006 QB <sub>170</sub> | 19.8 V   | 703 | 2007 DW <sub>114</sub> | * 2007 02 26.22551 | 11 11 04.84 | +06 12 48.1 | 2007 DQ <sub>61</sub>  | 20.3 V G96 |
| 2006 SJ <sub>409</sub> | * 2006 09 24.38421 | 02 20 07.64 | +11 01 51.0 | 2006 ST <sub>94</sub>  | 21.5 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.23223   | 11 11 04.59 | +06 12 51.1 | 2007 DQ <sub>61</sub>  | 20.2 V G96 |
| 2006 SJ <sub>409</sub> | 2006 09 24.40161   | 02 20 07.16 | +11 01 48.0 | 2006 ST <sub>94</sub>  | 21.5 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.23895   | 11 11 04.30 | +06 12 53.6 | 2007 DQ <sub>61</sub>  | 20.1 V G96 |
| 2006 SJ <sub>409</sub> | 2006 09 24.41902   | 02 20 06.67 | +11 01 44.2 | 2006 ST <sub>94</sub>  | 21.5 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.24566   | 11 11 03.98 | +06 12 56.7 | 2007 DQ <sub>61</sub>  | 20.8 V G96 |
| 2006 SK <sub>409</sub> | * 2006 09 24.38421 | 02 20 12.33 | +12 18 09.7 | 2006 SS <sub>94</sub>  | 21.4 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.25838   | 11 11 03.48 | +06 13 02.1 | 2007 DQ <sub>61</sub>  | 20.5 V G96 |
| 2006 SK <sub>409</sub> | 2006 09 24.40161   | 02 20 11.87 | +12 18 06.4 | 2006 SS <sub>94</sub>  | 21.9 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.26625   | 11 11 03.12 | +06 13 05.8 | 2007 DQ <sub>61</sub>  | 19.9 V G96 |
| 2006 SK <sub>409</sub> | 2006 09 24.41902   | 02 20 11.40 | +12 18 04.0 | 2006 SS <sub>94</sub>  | 21.2 V   | 691 | 2007 DW <sub>114</sub> | 2007 02 26.27396   | 11 11 02.86 | +06 13 08.0 | 2007 DQ <sub>61</sub>  | 19.9 V G96 |
| 2006 SL <sub>409</sub> | * 2006 09 26.27868 | 23 46 13.62 | -13 22 10.7 | 2006 SS <sub>138</sub> | 19.4 V   | 703 | 2007 DW <sub>114</sub> | 2007 02 26.28175   | 11 11 02.47 | +06 13 11.9 | 2007 DQ <sub>61</sub>  | 20.2 V G96 |
| 2006 SL <sub>409</sub> | 2006 09 26.28550   | 23 46 13.29 | -13 22 10.8 | 2006 SS <sub>138</sub> | 19.4 V   | 703 | 2007 EM <sub>221</sub> | * 2007 03 10.27194 | 10 20 48.76 | +09 20 13.2 | 2007 EN <sub>5</sub>   | 20.6 V G96 |
| 2006 SL <sub>409</sub> | 2006 09 26.29235   | 23 46 12.97 | -13 22 11.4 | 2006 SS <sub>138</sub> | 19.5 V   | 703 | 2007 EM <sub>221</sub> | 2007 03 10.28027   | 10 20 48.37 | +09 20 15.3 | 2007 EN <sub>5</sub>   | 21.2 V G96 |
| 2006 SL <sub>409</sub> | 2006 09 26.29919   | 23 46 12.61 | -13 22 12.0 | 2006 SS <sub>138</sub> | 19.6 V   | 703 | 2007 EM <sub>221</sub> | 2007 03 10.28862   | 10 20 48.01 | +09 20 18.1 | 2007 EN <sub>5</sub>   | 21.4 V G96 |
| 2006 SM <sub>409</sub> | * 2006 09 19.21848 | 23 05 39.30 | +01 26 12.9 | 2006 RL <sub>61</sub>  | 19.5 V   | 703 | 2007 EM <sub>221</sub> | 2007 03 10.29686   | 10 20 47.61 | +09 20 20.2 | 2007 EN <sub>5</sub>   | 21.2 V G96 |
| 2006 SM <sub>409</sub> | 2006 09 19.22975   | 23 05 38.65 | +01 26 10.6 | 2006 RL <sub>61</sub>  | 20.3 V   | 703 | 2007 FS <sub>47</sub>  | * 2007 03 16.19298 | 11 50 51.97 | +07 08 10.0 | 2007 EM <sub>152</sub> | 21.4 V 691 |
| 2006 SM <sub>409</sub> | 2006 09 19.24105   | 23 05 38.07 | +01 26 09.8 | 2006 RL <sub>61</sub>  | 20.6 V   | 703 | 2007 FS <sub>47</sub>  | 2007 03 16.21068   | 11 50 50.98 | +07 08 15.2 | 2007 EM <sub>152</sub> | 21.2 V 691 |
| 2006 SM <sub>409</sub> | 2006 09 19.25236   | 23 05 37.50 | +01 26 08.7 | 2006 RL <sub>61</sub>  | 19.7 V   | 703 | 2007 FS <sub>47</sub>  | 2007 03 16.22839   | 11 50 49.98 | +07 08 20.5 | 2007 EM <sub>152</sub> | 21.5 V 691 |
| 2006 TF <sub>128</sub> | * 2006 10 13.91366 | 23 44 48.46 | -11 07 38.1 | 2006 ST <sub>19</sub>  | 19.9 V   | A55 | 2007 FT <sub>47</sub>  | * 2007 03 16.30733 | 11 51 19.83 | +00 43 59.7 | 2007 EF <sub>130</sub> | 21.6 V G96 |
| 2006 TF <sub>128</sub> | 2006 10 13.92940   | 23 44 47.77 | -11 07 40.3 | 2006 ST <sub>19</sub>  | 20.0 V   | A55 | 2007 FT <sub>47</sub>  | 2007 03 16.31380   | 11 51 19.51 | +00 44 02.3 | 2007 EF <sub>130</sub> | 21.1 V G96 |
| 2006 TF <sub>128</sub> | 2006 10 13.94183   | 23 44 47.27 | -11 07 41.7 | 2006 ST <sub>19</sub>  | 19.9 V   | A55 | 2007 FT <sub>47</sub>  | 2007 03 16.32032   | 11 51 19.18 | +00 44 04.8 | 2007 EF <sub>130</sub> | 21.8 V G96 |
| 2006 UU <sub>357</sub> | * 2006 10 27.18813 | 01 01 50.88 | -00 27 00.5 | 2006 SP <sub>338</sub> | 291      |     | 2007 FT <sub>47</sub>  | 2007 03 16.32679   | 11 51 18.86 | +00 44 07.4 | 2007 EF <sub>130</sub> | 20.9 V G96 |

|                        |   |                  |             |             |                        |        |     |                        |   |                  |             |             |                        |        |     |
|------------------------|---|------------------|-------------|-------------|------------------------|--------|-----|------------------------|---|------------------|-------------|-------------|------------------------|--------|-----|
| 2007 FU <sub>47</sub>  | * | 2007 03 19.27679 | 12 19 12.32 | +17 00 13.9 | 2007 FW <sub>44</sub>  | 19.1 R | 699 | 2007 UW <sub>133</sub> | * | 2007 10 18.32775 | 02 00 06.01 | -12 51 44.7 | 2007 TY <sub>420</sub> | 19.3 V | 703 |
| 2007 FU <sub>47</sub>  |   | 2007 03 19.29506 | 12 19 11.44 | +17 00 17.1 | 2007 FW <sub>44</sub>  |        | 699 | 2007 UW <sub>133</sub> |   | 2007 10 18.33378 | 02 00 05.65 | -12 51 47.9 | 2007 TY <sub>420</sub> | 19.4 V | 703 |
| 2007 FU <sub>47</sub>  |   | 2007 03 19.31335 | 12 19 10.32 | +17 00 19.5 | 2007 FW <sub>44</sub>  |        | 699 | 2007 UW <sub>133</sub> |   | 2007 10 18.33984 | 02 00 05.50 | -12 51 50.1 | 2007 TY <sub>420</sub> | 18.6 V | 703 |
| 2007 FU <sub>47</sub>  |   | 2007 03 19.33164 | 12 19 09.07 | +17 00 25.2 | 2007 FW <sub>44</sub>  |        | 699 | 2007 UW <sub>133</sub> |   | 2007 10 18.34588 | 02 00 05.22 | -12 51 53.7 | 2007 TY <sub>420</sub> | 19.0 V | 703 |
| 2007 HZ <sub>95</sub>  | * | 2007 04 18.24089 | 14 07 15.31 | -04 55 50.2 | 2007 HU                | 20.4 R | H07 | 2007 UX <sub>133</sub> | * | 2007 10 18.40089 | 03 05 33.17 | +09 20 28.4 | 2007 UH <sub>3</sub>   | 20.4 R | H07 |
| 2007 HZ <sub>95</sub>  |   | 2007 04 18.24826 | 14 07 15.05 | -04 55 47.4 | 2007 HU                | 20.8 R | H07 | 2007 UX <sub>133</sub> |   | 2007 10 18.40451 | 03 05 33.08 | +09 20 27.6 | 2007 UH <sub>3</sub>   | 20.9 R | H07 |
| 2007 HA <sub>96</sub>  | * | 2007 04 19.37812 | 14 43 04.35 | -17 52 59.2 | 2005 YL <sub>31</sub>  | 21.0 V | 691 | 2007 UX <sub>133</sub> |   | 2007 10 18.40834 | 03 05 32.96 | +09 20 26.6 | 2007 UH <sub>3</sub>   | 20.6 R | H07 |
| 2007 HA <sub>96</sub>  |   | 2007 04 19.39646 | 14 43 03.46 | -17 52 52.8 | 2005 YL <sub>31</sub>  | 20.9 V | 691 | 2007 UY <sub>133</sub> | * | 2007 10 21.31803 | 01 56 01.42 | +31 27 47.5 | 2007 UR <sub>8</sub>   | 19.7 V | 703 |
| 2007 HA <sub>96</sub>  |   | 2007 04 19.41505 | 14 43 02.57 | -17 52 46.6 | 2005 YL <sub>31</sub>  | 20.8 V | 691 | 2007 UY <sub>133</sub> |   | 2007 10 21.32895 | 01 56 00.67 | +31 27 46.8 | 2007 UR <sub>8</sub>   | 19.8 V | 703 |
| 2007 HB <sub>96</sub>  | * | 2007 04 21.21658 | 15 36 13.50 | -18 54 47.0 | 2007 HE <sub>91</sub>  | 19.6 R | 807 | 2007 UY <sub>133</sub> |   | 2007 10 21.33984 | 01 56 00.16 | +31 27 44.3 | 2007 UR <sub>8</sub>   | 19.6 V | 703 |
| 2007 HB <sub>96</sub>  |   | 2007 04 21.31028 | 15 36 09.79 | -18 54 33.9 | 2007 HE <sub>91</sub>  |        | 807 | 2007 UY <sub>133</sub> |   | 2007 10 21.35066 | 01 55 59.55 | +31 27 41.2 | 2007 UR <sub>8</sub>   | 19.5 V | 703 |
| 2007 KJ <sub>9</sub>   | * | 2007 05 23.24056 | 15 12 52.56 | -12 35 40.3 | 2007 JC <sub>32</sub>  | 18.9 V | 703 | 2007 UZ <sub>133</sub> | * | 2007 10 21.36371 | 02 23 01.86 | +24 13 27.4 | 2007 TT <sub>408</sub> | 20.4 V | 703 |
| 2007 KJ <sub>9</sub>   |   | 2007 05 23.24780 | 15 12 52.16 | -12 35 39.4 | 2007 JC <sub>32</sub>  | 19.0 V | 703 | 2007 UZ <sub>133</sub> |   | 2007 10 21.37138 | 02 23 01.39 | +24 13 28.0 | 2007 TT <sub>408</sub> | 20.5 V | 703 |
| 2007 KJ <sub>9</sub>   |   | 2007 05 23.25501 | 15 12 51.84 | -12 35 39.1 | 2007 JC <sub>32</sub>  | 18.6 V | 703 | 2007 UZ <sub>133</sub> |   | 2007 10 21.37905 | 02 23 00.74 | +24 13 29.1 | 2007 TT <sub>408</sub> | 19.6 V | 703 |
| 2007 KJ <sub>9</sub>   |   | 2007 05 23.26219 | 15 12 51.51 | -12 35 36.0 | 2007 JC <sub>32</sub>  | 19.8 V | 703 | 2007 UZ <sub>133</sub> |   | 2007 10 21.38671 | 02 23 00.31 | +24 13 29.3 | 2007 TT <sub>408</sub> | 20.8 V | 703 |
| 2007 QZ <sub>14</sub>  | * | 2007 08 22.26114 | 21 26 45.78 | -12 52 06.5 | 2007 PF <sub>18</sub>  | 20.7 V | 691 | 2007 VG <sub>317</sub> | * | 2007 11 02.91818 | 00 51 18.76 | +11 37 19.8 | 2007 VH <sub>1</sub>   | 20.7 V | 941 |
| 2007 QZ <sub>14</sub>  |   | 2007 08 22.27869 | 21 26 44.94 | -12 52 11.3 | 2007 PF <sub>18</sub>  | 20.4 V | 691 | 2007 VG <sub>317</sub> |   | 2007 11 02.92831 | 00 51 18.33 | +11 37 17.4 | 2007 VH <sub>1</sub>   | 20.7 V | 941 |
| 2007 QZ <sub>14</sub>  |   | 2007 08 22.29169 | 21 26 44.34 | -12 52 14.2 | 2007 PF <sub>18</sub>  | 20.5 V | 691 | 2007 VG <sub>317</sub> |   | 2007 11 02.93845 | 00 51 17.84 | +11 37 15.1 | 2007 VH <sub>1</sub>   | 20.7 V | 941 |
| 2007 QA <sub>15</sub>  | * | 2007 08 27.10300 | 22 34 56.97 | -01 33 45.6 | 2007 QT <sub>3</sub>   | 20.2 V | 941 | 2007 VG <sub>317</sub> |   | 2007 11 02.94408 | 00 51 17.55 | +11 37 14.0 | 2007 VH <sub>1</sub>   | 20.8 V | 941 |
| 2007 QA <sub>15</sub>  |   | 2007 08 27.10637 | 22 34 56.78 | -01 33 45.4 | 2007 QT <sub>3</sub>   | 20.1 V | 941 | 2007 VG <sub>317</sub> |   | 2007 11 02.94972 | 00 51 17.22 | +11 37 13.1 | 2007 VH <sub>1</sub>   | 20.7 V | 941 |
| 2007 QA <sub>15</sub>  |   | 2007 08 27.10757 | 22 34 56.74 | -01 33 45.5 | 2007 QT <sub>3</sub>   | 20.3 V | 941 | 2007 VH <sub>317</sub> | * | 2007 11 05.31632 | 03 06 40.68 | +15 59 18.8 | 2007 VB <sub>75</sub>  | 20.9 V | G96 |
| 2007 QA <sub>15</sub>  |   | 2007 08 27.11336 | 22 34 56.44 | -01 33 45.5 | 2007 QT <sub>3</sub>   | 20.3 V | 941 | 2007 VH <sub>317</sub> |   | 2007 11 05.32077 | 03 06 40.42 | +15 59 17.9 | 2007 VB <sub>75</sub>  | 20.5 V | G96 |
| 2007 QA <sub>15</sub>  |   | 2007 08 27.11563 | 22 34 56.33 | -01 33 45.9 | 2007 QT <sub>3</sub>   | 20.0 V | 941 | 2007 VH <sub>317</sub> |   | 2007 11 05.32535 | 03 06 40.21 | +15 59 17.0 | 2007 VB <sub>75</sub>  | 20.7 V | G96 |
| 2007 RF <sub>303</sub> | * | 2007 09 11.17566 | 22 59 28.00 | -07 12 39.6 | 2007 RW <sub>84</sub>  | 21.2 V | 691 | 2007 VH <sub>317</sub> |   | 2007 11 05.32972 | 03 06 39.96 | +15 59 16.3 | 2007 VB <sub>75</sub>  | 20.6 V | G96 |
| 2007 RF <sub>303</sub> |   | 2007 09 11.19324 | 22 59 27.28 | -07 12 47.1 | 2007 RW <sub>84</sub>  | 21.3 V | 691 | 2007 VJ <sub>317</sub> | * | 2007 11 06.34487 | 04 53 58.23 | +25 29 41.5 | 2007 VL <sub>100</sub> |        | 691 |
| 2007 RF <sub>303</sub> |   | 2007 09 11.21427 | 22 59 26.33 | -07 12 55.4 | 2007 RW <sub>84</sub>  | 21.2 V | 691 | 2007 VJ <sub>317</sub> |   | 2007 11 06.36258 | 04 53 57.51 | +25 29 39.5 | 2007 VL <sub>100</sub> |        | 691 |
| 2007 RF <sub>303</sub> |   | 2007 09 11.28387 | 22 59 23.34 | -07 13 23.0 | 2007 RW <sub>84</sub>  |        | 291 | 2007 VJ <sub>317</sub> |   | 2007 11 06.38028 | 04 53 56.83 | +25 29 37.7 | 2007 VL <sub>100</sub> |        | 691 |
| 2007 RF <sub>303</sub> |   | 2007 09 11.29051 | 22 59 23.08 | -07 13 25.7 | 2007 RW <sub>84</sub>  |        | 291 | 2007 VK <sub>317</sub> | * | 2007 11 07.27811 | 04 35 07.06 | +22 24 10.4 | 2007 VH <sub>124</sub> | 21.2 V | 691 |
| 2007 RF <sub>303</sub> |   | 2007 09 11.31715 | 22 59 21.92 | -07 13 36.4 | 2007 RW <sub>84</sub>  |        | 291 | 2007 VK <sub>317</sub> |   | 2007 11 07.29582 | 04 35 06.33 | +22 24 08.8 | 2007 VH <sub>124</sub> | 21.3 V | 691 |
| 2007 RG <sub>303</sub> | * | 2007 09 15.27340 | 23 27 53.38 | -01 58 23.1 | 2007 RR <sub>234</sub> | 19.5 V | G96 | 2007 VK <sub>317</sub> |   | 2007 11 07.31354 | 04 35 05.60 | +22 24 07.9 | 2007 VH <sub>124</sub> | 20.9 V | 691 |
| 2007 RG <sub>303</sub> |   | 2007 09 15.27911 | 23 27 53.10 | -01 58 25.3 | 2007 RR <sub>234</sub> | 19.8 V | G96 | 2007 VL <sub>317</sub> | * | 2007 11 08.31378 | 03 12 03.42 | +12 59 29.9 | 2007 VE <sub>139</sub> | 21.5 V | G96 |
| 2007 RG <sub>303</sub> |   | 2007 09 15.28469 | 23 27 52.81 | -01 58 26.7 | 2007 RR <sub>234</sub> | 19.8 V | G96 | 2007 VL <sub>317</sub> |   | 2007 11 08.31985 | 03 12 03.09 | +12 59 27.6 | 2007 VE <sub>139</sub> | 20.7 V | G96 |
| 2007 RG <sub>303</sub> |   | 2007 09 15.29024 | 23 27 52.52 | -01 58 27.9 | 2007 RR <sub>234</sub> | 19.9 V | G96 | 2007 VL <sub>317</sub> |   | 2007 11 08.32580 | 03 12 02.84 | +12 59 25.2 | 2007 VE <sub>139</sub> | 20.6 V | G96 |
| 2007 RH <sub>303</sub> | * | 2007 09 15.45778 | 01 17 25.53 | +10 25 46.6 | 2007 RA <sub>221</sub> |        | 691 | 2007 VL <sub>317</sub> |   | 2007 11 08.33175 | 03 12 02.48 | +12 59 23.4 | 2007 VE <sub>139</sub> | 20.9 V | G96 |
| 2007 RH <sub>303</sub> |   | 2007 09 15.47541 | 01 17 25.00 | +10 25 42.5 | 2007 RA <sub>221</sub> |        | 691 | 2007 VM <sub>317</sub> | * | 2007 11 08.43837 | 08 16 20.28 | +19 54 10.2 | 2007 VS <sub>146</sub> | 21.8 V | G96 |
| 2007 RH <sub>303</sub> |   | 2007 09 15.49306 | 01 17 24.55 | +10 25 39.0 | 2007 RA <sub>221</sub> |        | 691 | 2007 VM <sub>317</sub> |   | 2007 11 08.44397 | 08 16 20.49 | +19 54 10.5 | 2007 VS <sub>146</sub> | 21.4 V | G96 |
| 2007 SR <sub>20</sub>  | * | 2007 09 20.31134 | 01 02 05.97 | +04 47 56.7 | 2007 RD <sub>223</sub> | 20.5 R | 683 | 2007 VM <sub>317</sub> |   | 2007 11 08.44954 | 08 16 20.74 | +19 54 10.4 | 2007 VS <sub>146</sub> | 21.3 V | G96 |
| 2007 SR <sub>20</sub>  |   | 2007 09 20.32475 | 01 02 05.36 | +04 47 50.2 | 2007 RD <sub>223</sub> | 20.2 R | 683 | 2007 VM <sub>317</sub> |   | 2007 11 08.45515 | 08 16 21.00 | +19 54 10.4 | 2007 VS <sub>146</sub> | 21.4 V | G96 |
| 2007 SR <sub>20</sub>  |   | 2007 09 20.33812 | 01 02 04.84 | +04 47 44.2 | 2007 RD <sub>223</sub> | 20.9 R | 683 | 2007 VN <sub>317</sub> | * | 2007 11 09.11852 | 01 17 07.08 | +11 56 21.6 | 2007 VU <sub>151</sub> | 21.1 V | 691 |
| 2007 TF <sub>436</sub> | * | 2007 10 07.87125 | 00 38 01.32 | +04 23 33.3 | 2007 TN <sub>5</sub>   | 21.1 V | B21 | 2007 VN <sub>317</sub> |   | 2007 11 09.13187 | 01 17 06.48 | +11 56 20.4 | 2007 VU <sub>151</sub> | 21.8 V | 691 |
| 2007 TF <sub>436</sub> |   | 2007 10 07.87762 | 00 38 01.05 | +04 23 30.7 | 2007 TN <sub>5</sub>   | 21.0 V | B21 | 2007 VN <sub>317</sub> |   | 2007 11 09.14256 | 01 17 06.01 | +11 56 17.5 | 2007 VU <sub>151</sub> | 21.2 V | 691 |
| 2007 TF <sub>436</sub> |   | 2007 10 07.88399 | 00 38 00.73 | +04 23 28.8 | 2007 TN <sub>5</sub>   | 21.1 V | B21 | 2007 VO <sub>317</sub> | * | 2007 11 09.33067 | 04 12 12.96 | +12 14 40.9 | 2007 VN <sub>173</sub> | 19.5 V | 703 |
| 2007 TG <sub>436</sub> | * | 2007 10 12.40017 | 03 22 30.10 | +08 45 26.5 | 2002 CJ <sub>180</sub> | 20.0 V | G96 | 2007 VO <sub>317</sub> |   | 2007 11 09.33889 | 04 12 12.60 | +12 14 39.0 | 2007 VN <sub>173</sub> | 20.5 V | 703 |
| 2007 TG <sub>436</sub> |   | 2007 10 12.40623 | 03 22 29.92 | +08 45 24.8 | 2002 CJ <sub>180</sub> | 20.0 V | G96 | 2007 VO <sub>317</sub> |   | 2007 11 09.34716 | 04 12 12.20 | +12 14 38.4 | 2007 VN <sub>173</sub> | 19.9 V | 703 |
| 2007 TG <sub>436</sub> |   | 2007 10 12.41234 | 03 22 29.71 | +08 45 23.0 | 2002 CJ <sub>180</sub> | 20.0 V | G96 | 2007 VO <sub>317</sub> |   | 2007 11 09.35541 | 04 12 11.80 | +12 14 35.8 | 2007 VN <sub>173</sub> | 20.6 V | 703 |
| 2007 TG <sub>436</sub> |   | 2007 10 12.41838 | 03 22 29.53 | +08 45 21.2 | 2002 CJ <sub>180</sub> | 20.1 V | G96 | 2007 WC <sub>60</sub>  | * | 2007 11 18.15568 | 02 51 59.72 | +17 24 39.8 | 2007 VN <sub>272</sub> | 20.8 V | G96 |
| 2007 TO <sub>436</sub> | * | 2007 10 13.20846 | 01 59 31.62 | +09 11 09.0 | 2007 TG <sub>269</sub> | 19.9 V | 691 | 2007 WC <sub>60</sub>  |   | 2007 11 18.16116 | 02 51 59.40 | +17 24 39.5 | 2007 VN <sub>272</sub> | 20.6 V | G96 |
| 2007 TO <sub>436</sub> |   | 2007 10 13.22611 | 01 59 30.70 | +09 11 06.2 | 2007 TG <sub>269</sub> | 20.8 V | 691 | 2007 WC <sub>60</sub>  |   | 2007 11 18.16655 | 02 51 59.14 | +17 24 37.9 | 2007 VN <sub>272</sub> | 20.9 V | G96 |
| 2007 TO <sub>436</sub> |   | 2007 10 13.24375 | 01 59 29.85 | +09 11 03.4 | 2007 TG <sub>269</sub> | 19.7 V | 691 | 2007 WC <sub>60</sub>  |   | 2007 11 18.17198 | 02 51 58.86 | +17 24 37.2 | 2007 VN <sub>272</sub> | 20.3 V | G96 |
| 2007 UV <sub>133</sub> | * | 2007 10 18.27652 | 01 24 39.13 | +07 30 31.4 | 2007 TQ <sub>390</sub> | 19.9 V | G96 | 2007 XP <sub>54</sub>  | * | 2007 12 04.38660 | 07 17 38.36 | +19 51 48.2 | 1999 GM <sub>10</sub>  | 20.9 V | G96 |
| 2007 UV <sub>133</sub> |   | 2007 10 18.28194 | 01 24 38.88 | +07 30 28.8 | 2007 TQ <sub>390</sub> | 19.9 V | G96 | 2007 XP <sub>54</sub>  |   | 2007 12 04.39257 | 07 17 38.22 | +19 51 48.7 | 1999 GM <sub>10</sub>  | 21.1 V | G96 |
| 2007 UV <sub>133</sub> |   | 2007 10 18.28748 | 01 24 38.62 | +07 30 26.3 | 2007 TQ <sub>390</sub> | 19.9 V | G96 | 2007 XP <sub>54</sub>  |   | 2007 12 04.39852 | 07 17 38.00 | +19 51 48.6 | 1999 GM <sub>10</sub>  | 21.0 V | G96 |
| 2007 UV <sub>133</sub> |   | 2007 10 18.29295 | 01 24 38.41 | +07 30 23.8 | 2007 TQ <sub>390</sub> | 19.8 V | G96 | 2007 XP <sub>54</sub>  |   | 2007 12 04.40456 | 07 17 37.89 | +19 51 48.7 | 1999 GM <sub>10</sub>  | 21.7 V | G96 |

|                        |   |                  |             |             |                        |        |     |                        |                    |             |             |                        |        |     |
|------------------------|---|------------------|-------------|-------------|------------------------|--------|-----|------------------------|--------------------|-------------|-------------|------------------------|--------|-----|
| 2007 XQ <sub>54</sub>  | * | 2007 12 06.22959 | 02 15 31.46 | +12 32 55.6 | 2007 UU <sub>125</sub> | 20.4 V | G96 | 2008 EE <sub>159</sub> | 2008 03 06.26957   | 11 17 58.74 | +09 26 20.6 | 2008 DL <sub>62</sub>  | 21.1 V | G96 |
| 2007 XQ <sub>54</sub>  |   | 2007 12 06.23630 | 02 15 31.28 | +12 32 55.4 | 2007 UU <sub>125</sub> | 20.4 V | G96 | 2008 EE <sub>159</sub> | 2008 03 06.27602   | 11 17 58.34 | +09 26 22.3 | 2008 DL <sub>62</sub>  | 21.5 V | G96 |
| 2007 XQ <sub>54</sub>  |   | 2007 12 06.24306 | 02 15 31.06 | +12 32 55.1 | 2007 UU <sub>125</sub> | 20.4 V | G96 | 2008 EF <sub>159</sub> | * 2008 03 10.40623 | 11 03 27.82 | +15 48 46.8 | 2008 EQ <sub>41</sub>  | 19.5 V | 703 |
| 2007 XQ <sub>54</sub>  |   | 2007 12 06.24975 | 02 15 30.88 | +12 32 54.8 | 2007 UU <sub>125</sub> | 20.6 V | G96 | 2008 EF <sub>159</sub> | 2008 03 10.41468   | 11 03 27.39 | +15 48 50.2 | 2008 EQ <sub>41</sub>  | 20.4 V | 703 |
| 2008 AM <sub>118</sub> | * | 2008 01 13.42547 | 09 43 03.94 | +18 33 31.3 | 2008 AO <sub>41</sub>  |        | 691 | 2008 EF <sub>159</sub> | 2008 03 10.42306   | 11 03 26.92 | +15 48 51.5 | 2008 EQ <sub>41</sub>  | 20.1 V | 703 |
| 2008 AM <sub>118</sub> |   | 2008 01 13.44311 | 09 43 03.25 | +18 33 36.0 | 2008 AO <sub>41</sub>  |        | 691 | 2008 EF <sub>159</sub> | 2008 03 10.43147   | 11 03 26.42 | +15 48 55.3 | 2008 EQ <sub>41</sub>  | 20.9 V | 703 |
| 2008 AM <sub>118</sub> |   | 2008 01 13.46420 | 09 43 02.44 | +18 33 42.0 | 2008 AO <sub>41</sub>  |        | 691 | 2008 EG <sub>159</sub> | * 2008 03 11.27703 | 11 43 03.21 | +15 19 26.7 | 2008 DQ <sub>70</sub>  | 20.8 V | 703 |
| 2008 AN <sub>118</sub> | * | 2008 01 11.44289 | 10 01 16.68 | +15 42 49.8 | 2008 AA <sub>25</sub>  | 21.3 V | 691 | 2008 EG <sub>159</sub> | 2008 03 11.28294   | 11 43 02.92 | +15 19 27.6 | 2008 DQ <sub>70</sub>  | 20.7 V | 703 |
| 2008 AN <sub>118</sub> |   | 2008 01 11.46052 | 10 01 16.13 | +15 42 54.0 | 2008 AA <sub>25</sub>  | 21.4 V | 691 | 2008 EG <sub>159</sub> | 2008 03 11.28884   | 11 43 02.71 | +15 19 32.5 | 2008 DQ <sub>70</sub>  | 19.8 V | 703 |
| 2008 AN <sub>118</sub> |   | 2008 01 11.47816 | 10 01 15.61 | +15 42 57.6 | 2008 AA <sub>25</sub>  | 21.5 V | 691 | 2008 EG <sub>159</sub> | 2008 03 11.29472   | 11 43 02.46 | +15 19 34.8 | 2008 DQ <sub>70</sub>  | 20.2 V | 703 |
| 2008 BV <sub>49</sub>  | * | 2008 01 31.34847 | 08 15 10.65 | +20 46 12.7 | 2008 AE <sub>107</sub> | 21.1 V | G96 | 2008 EH <sub>159</sub> | * 2008 03 11.18452 | 10 54 28.33 | +21 39 43.7 | 2008 EQ <sub>98</sub>  | 20.4 V | 703 |
| 2008 BV <sub>49</sub>  |   | 2008 01 31.35406 | 08 15 10.29 | +20 46 14.2 | 2008 AE <sub>107</sub> | 20.6 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.18516   | 10 54 28.40 | +21 39 43.4 | 2008 EQ <sub>98</sub>  | 20.0 V | 703 |
| 2008 BV <sub>49</sub>  |   | 2008 01 31.35969 | 08 15 09.93 | +20 46 15.2 | 2008 AE <sub>107</sub> | 20.4 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.19197   | 10 54 28.11 | +21 39 44.2 | 2008 EQ <sub>98</sub>  | 20.9 V | 703 |
| 2008 BV <sub>49</sub>  |   | 2008 01 31.36528 | 08 15 09.54 | +20 46 15.9 | 2008 AE <sub>107</sub> | 20.6 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.19263   | 10 54 28.08 | +21 39 42.8 | 2008 EQ <sub>98</sub>  | 20.6 V | 703 |
| 2008 BW <sub>49</sub>  | * | 2008 01 30.30699 | 09 13 22.11 | +15 27 40.5 | 2008 DE <sub>31</sub>  | 20.5 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.19939   | 10 54 27.72 | +21 39 45.9 | 2008 EQ <sub>98</sub>  | 20.2 V | 703 |
| 2008 BW <sub>49</sub>  |   | 2008 01 30.31461 | 09 13 21.72 | +15 27 42.9 | 2008 DE <sub>31</sub>  | 20.6 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.20004   | 10 54 27.72 | +21 39 46.1 | 2008 EQ <sub>98</sub>  | 20.3 V | 703 |
| 2008 BW <sub>49</sub>  |   | 2008 01 30.32227 | 09 13 21.32 | +15 27 44.9 | 2008 DE <sub>31</sub>  | 20.6 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.20676   | 10 54 27.43 | +21 39 46.4 | 2008 EQ <sub>98</sub>  | 20.3 V | 703 |
| 2008 BW <sub>49</sub>  |   | 2008 01 30.32998 | 09 13 20.92 | +15 27 47.6 | 2008 DE <sub>31</sub>  | 20.7 V | G96 | 2008 EH <sub>159</sub> | 2008 03 11.20742   | 10 54 27.32 | +21 39 46.5 | 2008 EQ <sub>98</sub>  | 20.0 V | 703 |
| 2008 CN <sub>204</sub> | * | 2008 02 13.22833 | 10 42 36.75 | +25 06 49.4 | 2008 CJ <sub>118</sub> | 18.0 R | G92 | 2008 EJ <sub>159</sub> | * 2008 03 12.29298 | 11 14 27.27 | +13 21 00.4 | 2008 EA <sub>105</sub> | 20.7 V | G96 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.23174 | 10 43 13.97 | +24 46 53.3 | 2008 CJ <sub>118</sub> | 19.4 R | G92 | 2008 EJ <sub>159</sub> | 2008 03 12.29991   | 11 14 26.84 | +13 21 02.5 | 2008 EA <sub>105</sub> | 20.8 V | G96 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.24197 | 10 42 36.05 | +25 06 56.7 | 2008 CJ <sub>118</sub> | 18.2 R | G92 | 2008 EJ <sub>159</sub> | 2008 03 12.30682   | 11 14 26.41 | +13 21 05.1 | 2008 EA <sub>105</sub> | 20.8 V | G96 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.24539 | 10 43 13.33 | +24 46 58.7 | 2008 CJ <sub>118</sub> | 19.3 R | G92 | 2008 EJ <sub>159</sub> | 2008 03 12.31377   | 11 14 26.01 | +13 21 07.3 | 2008 EA <sub>105</sub> | 21.0 V | G96 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.25562 | 10 42 35.32 | +25 07 03.7 | 2008 CJ <sub>118</sub> | 18.1 R | G92 | 2008 EK <sub>159</sub> | * 2008 03 13.22252 | 11 22 39.97 | +28 41 20.2 | 2008 EG <sub>98</sub>  | 20.1 V | 703 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.25903 | 10 43 12.68 | +24 47 03.3 | 2008 CJ <sub>118</sub> | 19.3 R | G92 | 2008 EK <sub>159</sub> | 2008 03 13.22962   | 11 22 39.50 | +28 41 21.5 | 2008 EG <sub>98</sub>  | 20.5 V | 703 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.26927 | 10 42 34.58 | +25 07 10.3 | 2008 CJ <sub>118</sub> | 18.3 R | G92 | 2008 EK <sub>159</sub> | 2008 03 13.23668   | 11 22 39.21 | +28 41 23.2 | 2008 EG <sub>98</sub>  | 19.5 V | 703 |
| 2008 CN <sub>204</sub> |   | 2008 02 13.27268 | 10 43 12.06 | +24 47 09.5 | 2008 CJ <sub>118</sub> | 19.9 R | G92 | 2008 EK <sub>159</sub> | 2008 03 13.24374   | 11 22 38.74 | +28 41 24.7 | 2008 EG <sub>98</sub>  | 19.4 V | 703 |
| 2008 CO <sub>204</sub> | * | 2008 02 02.23579 | 08 44 22.02 | +05 05 34.6 | 2008 BE <sub>40</sub>  | 20.3 V | 703 | 2008 EL <sub>159</sub> | * 2008 03 13.37105 | 11 18 29.44 | -09 29 40.8 | 2008 EK <sub>142</sub> | 20.8 V | G96 |
| 2008 CO <sub>204</sub> |   | 2008 02 02.24118 | 08 44 21.76 | +05 05 36.4 | 2008 BE <sub>40</sub>  | 20.0 V | 703 | 2008 EL <sub>159</sub> | 2008 03 13.37810   | 11 18 29.12 | -09 29 39.1 | 2008 EK <sub>142</sub> | 21.6 V | G96 |
| 2008 CO <sub>204</sub> |   | 2008 02 02.24651 | 08 44 21.62 | +05 05 38.4 | 2008 BE <sub>40</sub>  | 19.2 V | 703 | 2008 EL <sub>159</sub> | 2008 03 13.38522   | 11 18 28.69 | -09 29 38.3 | 2008 EK <sub>142</sub> | 21.0 V | G96 |
| 2008 CO <sub>204</sub> |   | 2008 02 02.25188 | 08 44 21.22 | +05 05 40.2 | 2008 BE <sub>40</sub>  | 19.1 V | 703 | 2008 EL <sub>159</sub> | 2008 03 13.39236   | 11 18 28.33 | -09 29 36.5 | 2008 EK <sub>142</sub> | 21.2 V | G96 |
| 2008 CP <sub>204</sub> | * | 2008 02 03.27531 | 09 03 38.23 | +16 16 03.7 | 2008 BO <sub>29</sub>  | 21.2 V | G96 | 2008 GH <sub>138</sub> | * 2008 04 08.32712 | 13 13 37.09 | -00 29 10.2 | 2008 GU <sub>23</sub>  | 21.4 V | G96 |
| 2008 CP <sub>204</sub> |   | 2008 02 03.28094 | 09 03 37.87 | +16 16 05.5 | 2008 BO <sub>29</sub>  | 20.7 V | G96 | 2008 GH <sub>138</sub> | 2008 04 08.33376   | 13 13 36.73 | -00 29 07.8 | 2008 GU <sub>23</sub>  | 21.2 V | G96 |
| 2008 CP <sub>204</sub> |   | 2008 02 03.28652 | 09 03 37.51 | +16 16 07.0 | 2008 BO <sub>29</sub>  | 20.3 V | G96 | 2008 GH <sub>138</sub> | 2008 04 08.34049   | 13 13 36.40 | -00 29 05.8 | 2008 GU <sub>23</sub>  | 22.0 V | G96 |
| 2008 CP <sub>204</sub> |   | 2008 02 03.29202 | 09 03 37.22 | +16 16 09.5 | 2008 BO <sub>29</sub>  | 20.4 V | G96 | 2008 GH <sub>138</sub> | 2008 04 08.34718   | 13 13 36.01 | -00 29 04.2 | 2008 GU <sub>23</sub>  | 21.6 V | G96 |
| 2008 CQ <sub>204</sub> | * | 2008 02 10.28191 | 08 56 07.08 | +23 40 38.6 | 2008 CG <sub>187</sub> | 19.7 V | 703 | 2008 GJ <sub>138</sub> | * 2008 04 03.28088 | 12 37 07.75 | -01 07 53.0 | 2008 FO <sub>81</sub>  | 20.1 V | G96 |
| 2008 CQ <sub>204</sub> |   | 2008 02 10.28863 | 08 56 06.68 | +23 40 40.0 | 2008 CG <sub>187</sub> | 20.1 V | 703 | 2008 GJ <sub>138</sub> | 2008 04 03.28743   | 12 37 07.32 | -01 07 49.8 | 2008 FO <sub>81</sub>  | 21.0 V | G96 |
| 2008 CQ <sub>204</sub> |   | 2008 02 10.29532 | 08 56 06.32 | +23 40 42.4 | 2008 CG <sub>187</sub> | 19.7 V | 703 | 2008 GJ <sub>138</sub> | 2008 04 03.29401   | 12 37 06.99 | -01 07 48.1 | 2008 FO <sub>81</sub>  | 21.1 V | G96 |
| 2008 CQ <sub>204</sub> |   | 2008 02 10.30201 | 08 56 06.00 | +23 40 44.1 | 2008 CG <sub>187</sub> | 19.6 V | 703 | 2008 GJ <sub>138</sub> | 2008 04 03.30057   | 12 37 06.60 | -01 07 46.5 | 2008 FO <sub>81</sub>  | 20.9 V | G96 |
| 2008 CR <sub>204</sub> | * | 2008 02 11.85958 | 09 11 25.82 | +17 03 42.6 | 2008 CO <sub>75</sub>  | 19.3 R | 620 | 2008 GK <sub>138</sub> | * 2008 04 05.34667 | 13 08 34.98 | -02 54 55.4 | 2008 FO <sub>95</sub>  | 20.5 V | 703 |
| 2008 CR <sub>204</sub> |   | 2008 02 11.86931 | 09 11 25.34 | +17 03 47.4 | 2008 CO <sub>75</sub>  | 19.5 R | 620 | 2008 GK <sub>138</sub> | 2008 04 05.35530   | 13 08 34.58 | -02 54 52.3 | 2008 FO <sub>95</sub>  | 20.7 V | 703 |
| 2008 CR <sub>204</sub> |   | 2008 02 11.87898 | 09 11 24.89 | +17 03 51.4 | 2008 CO <sub>75</sub>  | 20.0 R | 620 | 2008 GK <sub>138</sub> | 2008 04 05.36396   | 13 08 34.08 | -02 54 49.0 | 2008 FO <sub>95</sub>  | 20.2 V | 703 |
| 2008 CS <sub>204</sub> | * | 2008 02 03.43288 | 08 57 34.27 | +31 29 37.0 | 2008 BB <sub>40</sub>  | 19.5 V | 703 | 2008 GK <sub>138</sub> | 2008 04 05.37262   | 13 08 33.75 | -02 54 44.5 | 2008 FO <sub>95</sub>  | 20.7 V | 703 |
| 2008 CS <sub>204</sub> |   | 2008 02 03.43749 | 08 57 34.02 | +31 29 37.5 | 2008 BB <sub>40</sub>  | 19.4 V | 703 | 2008 GL <sub>138</sub> | * 2008 04 06.18342 | 12 59 33.69 | -01 55 43.7 | 2008 FW <sub>114</sub> | 20.7 V | 691 |
| 2008 CS <sub>204</sub> |   | 2008 02 03.44205 | 08 57 33.62 | +31 29 38.1 | 2008 BB <sub>40</sub>  | 20.1 V | 703 | 2008 GL <sub>138</sub> | 2008 04 06.20102   | 12 59 32.66 | -01 55 38.2 | 2008 FW <sub>114</sub> | 21.1 V | 691 |
| 2008 CS <sub>204</sub> |   | 2008 02 03.44662 | 08 57 33.33 | +31 29 40.1 | 2008 BB <sub>40</sub>  | 19.9 V | 703 | 2008 GL <sub>138</sub> | 2008 04 06.21863   | 12 59 31.70 | -01 55 32.6 | 2008 FW <sub>114</sub> | 21.0 V | 691 |
| 2008 DV <sub>85</sub>  | * | 2008 02 27.10809 | 08 34 43.78 | +21 00 52.9 | 2008 DR <sub>8</sub>   | 20.3 V | 691 | 2008 GM <sub>138</sub> | * 2008 04 10.35052 | 14 38 34.00 | -11 26 24.9 | 2008 GM <sub>67</sub>  | 21.7 V | 691 |
| 2008 DV <sub>85</sub>  |   | 2008 02 27.11597 | 08 34 43.57 | +21 00 54.2 | 2008 DR <sub>8</sub>   | 21.0 V | 691 | 2008 GM <sub>138</sub> | 2008 04 10.36812   | 14 38 33.23 | -11 26 21.4 | 2008 GM <sub>67</sub>  | 21.5 V | 691 |
| 2008 DV <sub>85</sub>  |   | 2008 02 27.12651 | 08 34 43.18 | +21 00 55.5 | 2008 DR <sub>8</sub>   | 20.5 V | 691 | 2008 GM <sub>138</sub> | 2008 04 10.38573   | 14 38 32.47 | -11 26 18.4 | 2008 GM <sub>67</sub>  | 21.1 V | 691 |
| 2008 DV <sub>85</sub>  |   | 2008 02 27.13439 | 08 34 42.95 | +21 00 57.0 | 2008 DR <sub>8</sub>   | 20.9 V | 691 | 2008 HA <sub>69</sub>  | * 2008 04 24.23712 | 12 51 57.38 | -04 25 07.5 | 2008 GF <sub>133</sub> | 21.1 V | G96 |
| 2008 DV <sub>85</sub>  |   | 2008 02 27.14227 | 08 34 42.68 | +21 00 58.8 | 2008 DR <sub>8</sub>   | 20.6 V | 691 | 2008 HA <sub>69</sub>  | 2008 04 24.24272   | 12 51 57.09 | -04 25 06.3 | 2008 GF <sub>133</sub> | 21.6 V | G96 |
| 2008 DV <sub>85</sub>  |   | 2008 02 27.15015 | 08 34 42.40 | +21 01 00.5 | 2008 DR <sub>8</sub>   | 21.0 V | 691 | 2008 HA <sub>69</sub>  | 2008 04 24.24833   | 12 51 56.88 | -04 25 05.3 | 2008 GF <sub>133</sub> | 21.1 V | G96 |
| 2008 EE <sub>159</sub> | * | 2008 03 06.25495 | 11 17 59.42 | +09 26 15.6 | 2008 DL <sub>62</sub>  | 21.2 V | G96 | 2008 HA <sub>69</sub>  | 2008 04 24.25387   | 12 51 56.59 | -04 25 03.6 | 2008 GF <sub>133</sub> | 20.8 V | G96 |
| 2008 EE <sub>159</sub> |   | 2008 03 06.26301 | 11 17 59.02 | +09 26 17.7 | 2008 DL <sub>62</sub>  | 21.3 V | G96 | 2008 JK <sub>39</sub>  | * 2008 05 02.29647 | 14 12 44.82 | -16 17 19.1 | 2008 HM <sub>38</sub>  | 18.5 V | 703 |

|                       |                    |             |             |                       |        |     |
|-----------------------|--------------------|-------------|-------------|-----------------------|--------|-----|
| 2008 JK <sub>39</sub> | 2008 05 02.30313   | 14 12 44.38 | -16 17 18.6 | 2008 HM <sub>38</sub> | 18.6 V | 703 |
| 2008 JK <sub>39</sub> | 2008 05 02.30984   | 14 12 43.95 | -16 17 18.0 | 2008 HM <sub>38</sub> | 18.6 V | 703 |
| 2008 JK <sub>39</sub> | 2008 05 02.31656   | 14 12 43.48 | -16 17 17.2 | 2008 HM <sub>38</sub> | 18.5 V | 703 |
| 2008 JL <sub>39</sub> | * 2008 05 02.32169 | 14 42 42.44 | -15 48 26.3 | 2008 HX <sub>41</sub> | 20.3 V | 703 |
| 2008 JL <sub>39</sub> | 2008 05 02.32782   | 14 42 42.19 | -15 48 25.7 | 2008 HX <sub>41</sub> | 21.0 V | 703 |
| 2008 JL <sub>39</sub> | 2008 05 02.33395   | 14 42 41.83 | -15 48 24.8 | 2008 HX <sub>41</sub> | 19.9 V | 703 |
| 2008 JL <sub>39</sub> | 2008 05 02.34002   | 14 42 41.58 | -15 48 23.0 | 2008 HX <sub>41</sub> | 19.2 V | 703 |
| 2008 JM <sub>39</sub> | * 2008 05 03.27793 | 14 01 45.76 | -10 23 42.8 | 2008 HL <sub>43</sub> | 22.0 V | G96 |
| 2008 JM <sub>39</sub> | 2008 05 03.28468   | 14 01 45.40 | -10 23 41.2 | 2008 HL <sub>43</sub> | 21.3 V | G96 |
| 2008 JM <sub>39</sub> | 2008 05 03.29132   | 14 01 44.97 | -10 23 40.2 | 2008 HL <sub>43</sub> | 21.8 V | G96 |
| 2008 JM <sub>39</sub> | 2008 05 03.29797   | 14 01 44.54 | -10 23 38.8 | 2008 HL <sub>43</sub> | 21.9 V | G96 |
| 2008 JN <sub>39</sub> | * 2008 05 03.20463 | 12 07 46.66 | -02 24 00.2 | 2008 HE <sub>39</sub> | 21.3 V | G96 |
| 2008 JN <sub>39</sub> | 2008 05 03.21088   | 12 07 46.52 | -02 23 59.0 | 2008 HE <sub>39</sub> | 21.8 V | G96 |
| 2008 JN <sub>39</sub> | 2008 05 03.21703   | 12 07 46.38 | -02 23 58.1 | 2008 HE <sub>39</sub> | 21.3 V | G96 |
| 2008 JN <sub>39</sub> | 2008 05 03.22313   | 12 07 46.23 | -02 23 56.4 | 2008 HE <sub>39</sub> | 21.3 V | G96 |
| 2008 LT <sub>17</sub> | * 2008 06 01.22749 | 13 42 01.54 | -07 26 10.7 | 2008 KY <sub>14</sub> | 21.1 V | G96 |
| 2008 LT <sub>17</sub> | 2008 06 01.23524   | 13 42 01.47 | -07 26 09.0 | 2008 KY <sub>14</sub> | 21.6 V | G96 |
| 2008 LT <sub>17</sub> | 2008 06 01.24314   | 13 42 01.33 | -07 26 08.8 | 2008 KY <sub>14</sub> | 21.0 V | G96 |
| 2008 LT <sub>17</sub> | 2008 06 01.25113   | 13 42 01.22 | -07 26 07.4 | 2008 KY <sub>14</sub> | 21.0 V | G96 |
| 2008 NV <sub>4</sub>  | * 2008 07 12.00494 | 21 26 46.99 | -08 45 55.7 | 2003 WC <sub>82</sub> | 19.8 V | A50 |
| 2008 NV <sub>4</sub>  | 2008 07 12.00631   | 21 26 46.93 | -08 45 56.3 | 2003 WC <sub>82</sub> | 20.0 V | A50 |
| 2008 NV <sub>4</sub>  | 2008 07 12.00767   | 21 26 46.90 | -08 45 56.0 | 2003 WC <sub>82</sub> | 20.0 V | A50 |
| 2008 OF <sub>19</sub> | * 2008 07 29.36720 | 21 06 31.17 | -13 43 35.9 | 2008 PW <sub>5</sub>  | 21.5 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.36773   | 21 06 42.30 | -13 39 55.5 | 2008 PW <sub>5</sub>  | 20.1 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.37229   | 21 06 30.88 | -13 43 35.5 | 2008 PW <sub>5</sub>  | 21.2 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.37284   | 21 06 42.01 | -13 39 55.9 | 2008 PW <sub>5</sub>  | 20.3 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.37738   | 21 06 30.63 | -13 43 36.3 | 2008 PW <sub>5</sub>  | 21.0 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.37793   | 21 06 41.76 | -13 39 56.0 | 2008 PW <sub>5</sub>  | 20.1 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.38248   | 21 06 30.31 | -13 43 35.6 | 2008 PW <sub>5</sub>  | 21.9 V | G96 |
| 2008 OF <sub>19</sub> | 2008 07 29.38303   | 21 06 41.47 | -13 39 55.9 | 2008 PW <sub>5</sub>  | 20.1 V | G96 |

## NUMBERING OF PERIODIC COMETS

Continuation to the list on MPC 63085.

201P/2001 R1 = 2008 Q4 (LONEOS)  
 202P/2001 X2 = 2008 R2 (Scotti)  
 203P/1999 WJ<sub>7</sub> = 2008 R4 (Korlević)  
 204P/2001 TU<sub>80</sub> = 2008 R5 (LINEAR-NEAT)  
 205P/1896 R2 = 2008 R6 (Giacobini)

## OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

|     |                                                                                                                                                             |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 046 | Kleť. Observers M. Honková, M. Tichý. Measurer M. Honková. 0.57-m $f/5.2$ reflector + CCD.                                                                  |
| 048 | Hradec Králové. Observer M. Lehký. 0.40-m $f/5$ reflector + CCD.                                                                                            |
| 104 | San Marcello Pistoiese. Observers L. Tesi, G. Fagioli, M. Mazzucato, L. Greco, M. Vivarelli. Measurers L. Tesi, M. Mazzucato. 0.60-m $f/4$ reflector + CCD. |
| 106 | Crni Vrh. Observers S. Matičič, H. Mikuz, J. Skvarč. 0.6-m $f/3.3$ Deltagraph + CCD.                                                                        |

|     |                                                                                                                                                                                      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 113 | Volkssternwarte Drebach, Schoenbrunn. Observer A. Knöfel. 0.5-m $f/5$ reflector + CCD.                                                                                               |
| 114 | Engelhardt Observatory, Zelenchukskaya Station. Observers B. Satovskiy, T. Kryachko, S. Korotkiy. Measurers T. Kryachko, S. Korotkiy. 0.3-m $f/7.7$ reflector + CCD.                 |
| 118 | Modra. Observers Š. Gajdoš, L. Kornoš, J. Világi. 0.6-m $f/5.5$ reflector + CCD.                                                                                                     |
| 122 | Pises Observatory. Observers C. Demeautis, J. Lopez. 0.50-m $f/4.4$ reflector + CCD.                                                                                                 |
| 130 | Lumezzane. Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini. Measurers M. Casali, W. Marinello. 0.40-m $f/4.5$ reflector + CCD.                            |
| 147 | Osservatorio Astronomico di Suno. Observers P. Concarì, D. Crespi, S. Foglia, G. Galli, O. Lesca, S. Minuto. Measurers D. Crespi, S. Foglia, O. Lesca. 0.40-m $f/4$ reflector + CCD. |
| 151 | Eschenberg Observatory, Winterthur. Observer M. Griesser. 0.40-m $f/5.9$ Hypergraph + CCD.                                                                                           |
| 152 | Moletai Astronomical Observatory. Observers K. Černis, E. Černis. Measurer K. Černis. 0.35-m $f/3.5$ reflector + CCD.                                                                |
| 170 | Observatorio de Begues. Observer J. Manteca. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.                                                                                                |
| 185 | Vicques. Observer M. Ory. 0.61-m $f/3.88$ reflector + CCD.                                                                                                                           |
| 204 | Schiaparelli Observatory. Observer L. Buzzi. 0.36-m $f/5.95$ Schmidt-Cassegrain + CCD, 0.60-m $f/4.64$ reflector + CCD.                                                              |
| 213 | Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/5$ Schmidt-Cassegrain + CCD.                                                                                |
| 215 | Buchloe. Observer W. Hasubick. 0.44-m $f/4.6$ reflector + CCD.                                                                                                                       |
| 232 | Masquefa Observatory. Observer E. Reina. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.                                                                                                    |
| 235 | CAST Observatory, Talmassons. Observers R. Ligustri, M. Benvenuti. Measurer R. Ligustri. 0.35-m $f/5$ reflector + CCD.                                                               |
| 246 | Kleť Observatory-KLENOT. Observers J. Tichý, M. Tichý. Measurer M. Tichý. 1.06-m KLENOT Telescope + CCD.                                                                             |
| 291 | LPL/Spacewatch II. Observer J. V. Scotti. 1.8-m $f/2.7$ reflector + CCD.                                                                                                             |
| 300 | Bisei Spaceguard Center-BATTeRS. Observers K. Nishiyama, S. Okumura. 1.0-m $f/3.0$ reflector + CCD.                                                                                  |
| 322 | Perth Observatory, Bickley-MCT. Observer J. Biggs. 0.35-m $f/11$ Schmidt-Cassegrain + CCD.                                                                                           |
| 349 | Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.                                                                                                                            |
| 352 | Konan. Observer M. Hotta. 0.25-m $f/6$ reflector + CCD.                                                                                                                              |
| 355 | Hadano. Observer A. Asami. 0.28-m $f/5.0$ reflector + CCD.                                                                                                                           |
| 367 | Yatsuka. Observer H. Abe. 0.26-m $f/6.0$ reflector + CCD.                                                                                                                            |
| 372 | Geisei. Observers T. Seki, K. Muraoka, S. Shimamoto. 0.70-m $f/7$ reflector (photographic), 0.70-m $f/7$ reflector + CCD.                                                            |
| 379 | Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.                                                                                                         |
| 423 | North Ryde. Observer S. G. McAndrew. 0.20-m $f/4$ hyperbolic astrograph + CCD.                                                                                                       |
| 442 | Gualba Observatory. Observer A. Sánchez. 0.36-m $f/7$ Schmidt-Cassegrain + CCD.                                                                                                      |
| 458 | Guadarrama Observatory. Observer D. Rodríguez. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.                                                                                               |

- 461 University of Szeged, Piskéztető Stn. (Konkoly). Observer K. Sárneczky. 0.60-m Schmidt + CCD.
- 473 Remanzacco. Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero. 0.45-m  $f/4.4$  Newtonian reflector + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observer A. C. Gilmore. Measurer P. M. Kilmartin. 1.0-m  $f/7.7$  reflector + CCD.
- 510 Siegen. Observers M. Jung, H. Bill. Measurer H. Bill. 0.30-m  $f/5$  reflector + CCD.
- 568 Mauna Kea. Observers CFHT Legacy Survey Queue, J. Kavelaars. Measurers R. L. Allen, J. Kavelaars. 3.5-m Canada-France-Hawaii Telescope + CCD.
- 585 Kiev comet station. Observer A. Baransky. 0.7-m  $f/4$  reflector + CCD.
- 595 Farra d'Isonzo. Observers L. Bittesini, G. Lombardi, E. Pettarin, F. Piani, D. Caporicci, A. Boattini, V. S. Casulli, G. Sostero, A. Vagnozzi, G. Lombardi. Measurers G. Lombardi, E. Pettarin, F. Piani. 0.30-m  $f/4.5$  reflector + CCD, 0.40-m  $f/4.5$  reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers R. Bamberg, E. F. Helin, S. Pravdo, M. Hicks, K. Lawrence, P. Kervin. Measurer R. Matson. 1.2-m reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers E. F. Helin, S. Pravdo, K. Lawrence, K. Kuluhiwa, M. Hicks. Measurers M. Meyer, R. Matson. 1.2-m Schmidt + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observers J. Young, D. Mayes. 0.61-m  $f/16$  Cassegrain + CCD.
- 675 Palomar. Observers E. F. Helin, K. Lawrence, B. Arthur. Measurer J. Alonzo. 0.46-m Schmidt.
- 691 Steward Observatory, Kitt Peak. Observers T. H. Bressi, J. V. Scotti. Measurer J. V. Scotti. 0.9-m  $f/3$  reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers C. A. Onken, B. A. Skiff, W. D. Ferris, T. R. Grimstad, O. Matic. Measurer B. W. Koehn. 0.59-m LONEOS Schmidt + CCD.
- 703 Catalina Sky Survey. Observer E. Beshore. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 0.68-m Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, J. Kistler. Measurers J. Stuart, S. Scruggs. 1.0-m  $f/2.15$  reflector + CCD.
- 711 McDonald Observatory. Observer J. G. Ries. 0.76-m reflector + CCD.
- 750 Hobbs Observatory, Fall Creek. Observer N. Moritz. Measurer R. Elliott. 0.60-m  $f/5$  reflector + CCD.
- 762 Four Winds Observatory, Lake Leelanau. Observer R. Elliott. 0.3-m Schmidt-Cassegrain + CCD.
- 834 Buenos Aires-AAAA. Observers R. Mackintosh, M. Konishi, R. Mykytyuk. Measurer R. Mackintosh. 0.25-m  $f/6.3$  Schmidt-Cassegrain + CCD.
- 844 Los Molinos. Observers F. Abella, S. Bruzzone, R. Salvo. 0.35-m  $f/5$  Newtonian reflector + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.26-m  $f/7.0$  reflector + CCD.
- 932 John J. McCarthy Obs., New Milford. Observers S. Riley, M. Robson. 0.4-m  $f/6.5$  Schmidt-Cassegrain + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m  $f/10$  Schmidt-Cassegrain + CCD.
- 941 Observatorio Pla D'Arguines. Observers R. Ferrando, M. Ferrando. 0.40-m  $f/10$  Ritchey-Chrétien + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m  $f/4.48$  Schmidt-Cassegrain + CCD.
- 952 Marxuquera. Observer J. J. Gomez. 0.36-m  $f/6.3$  Schmidt-Cassegrain + CCD.
- A02 Masia Cal Maciarol Modul 8. Observers J. L. Salto, A. Salto. Measurer J. L. Salto. 0.25-m  $f/7.2$  Schmidt-Cassegrain + CCD.
- A11 Wormhout. Observer S. Takbou. 0.03-m  $f/4.0$  reflector + CCD.
- A13 Observatoire Naef, Marly. Observer P. Kocher. 0.5-m  $f/3.3$  Hypergraph + CCD.
- A17 Guidestar Observatory, Weinheim. Observers M. Emmerich, S. Melchert. 0.36-m  $f/6$  Schmidt-Cassegrain + CCD.
- A30 Crespadoro. Observer S. Valentini G. Peretto. Measurer S. Valentini. 0.23-m  $f/10$  Schmidt-Cassegrain + CCD.
- A71 Stixendorf. Observer M. Jäger. Measurer W. Vollmann. 0.20-m  $f/2.8$  reflector + CCD.
- A77 Observatoire Chante-Perdrix, Dauban. Observers C. Rinner, F. Kugel. 0.5-m  $f/3$  reflector + CCD.
- A81 Balzaretto Observatory, Rome. Observer L. Franco. 0.20-m  $f/5.3$  reflector + CCD.
- A97 Stammersdorf. Observer W. Vollmann. 0.13-m  $f/4$  refractor + CCD.
- A99 Osservatorio del Monte Baldo. Observer C. Flavio. Measurer M. Claudio. 0.4-m reflector + CCD.
- B03 Alter Satzberg, Vienna. Observer M. Pietschnig. 0.35-m  $f/11$  Schmidt-Cassegrain + CCD.
- B09 Capannoli. Observers P. Bacci, R. Bacci. Measurer P. Bacci. 0.25-m  $f/10$  Schmidt-Cassegrain + CCD.
- B18 Terskol. Observers M. Andreev, M. Hramtsova. Measurer M. Andreev. 0.6-m  $f/12.8$  reflector + CCD.
- B20 Observatorio Carmelita, Tiana. Observer J. M. Aymami. 0.25-m  $f/4.3$  Schmidt-Cassegrain + CCD.
- B23 Fiamene. Observer R. Biondani. 0.50-m  $f/8$  reflector + CCD.
- B26 Observatoire des Terres Blanches, Reillanne. Observer H. Jacquinet. 0.35-m reflector + CCD.
- B37 Obs. de L' Ametlla del Valles, Barcelona. Observer A. Garrigos S. 0.51-m  $f/4$  Newtonian reflector + CCD.
- B40 Skyline Observatory, Catania. Observers P. Camilleri, G. Sostero, E. Guido, V. Gonano. Measurers P. Camilleri, G. Sostero, E. Guido. 0.30-m  $f/6$  reflector + CCD.
- B42 Vitebsk. Observer V. Nevski. 0.3-m  $f/5.0$  reflector + CCD.
- B49 Paus Observatory, Sabadell. Observer J. Camarasa. 0.25-m  $f/4$  Newtonian reflector + CCD.
- B50 Corner Observatory, Durmersheim. Observer J. Linder. 0.20-m  $f/4.5$  Schmidt-Cassegrain + CCD.
- B51 Vallauris. Observer J. Nicolas. 0.28-m  $f/6.5$  reflector + CCD.
- B55 Comeglians. Observers G. Sostero, E. Guido. 0.15-m  $f/6$  reflector + CCD.
- B58 Polaris Observatory, Budapest. Observer K. Sárneczky. 0.28-m  $f/6.3$  Schmidt-Cassegrain + CCD.
- B59 Borken. Observer C. Overhaus. 0.1-m  $f/9$  refractor + CCD.
- B65 Komakallio Observatory, Kirkkonummi. Observer A. Kuosmanen. 0.11-m  $f/7$  refractor + CCD.
- B66 Osservatorio di Casasco. Observer W. Borghini. 0.4-m  $f/7.3$  Ritchey-Chrétien + CCD.

- C42 Xingming Observatory, Mt. Nanshan. Observer X. Gao. Measurer T. Chen. 0.07-m  $f/2.8$  lens and camera + CCD.
- D25 Tzec Maun Observatory, Pingelly. Observer D. Mendicini. 0.15-m  $f/7.3$  refractor + CCD.
- D35 Lulin Observatory. Observers Q.-z. Ye, H.-Y. Hsiao. 1.02-m reflector + CCD.
- D81 Nagano. Observer Y. Ohshima. 0.3-m  $f/4.5$  reflector + CCD.
- D88 Hiratsuka. Observer Y. Sugiyama. 0.25-m  $f/5.0$  reflector + CCD.
- D89 Yamagata. Observer K. Itagaki. 0.60-m  $f/5.7$  reflector + CCD.
- D90 RAS Observatory, Moorook. Observer P. Camilleri. 0.25-m  $f/6$  Cassegrain + CCD.
- E12 Siding Spring Survey. Observers G. J. Garradd, R. H. McNaught. 0.5-m Uppsala Schmidt + CCD.
- E16 Grove Creek Observatory, Trunkey. Observers G. Sostero, P. Camilleri, E. Guido. 0.3-m  $f/6$  reflector + CCD.
- E94 Possum Observatory, Gisborne. Observer J. Drummond. 0.41-m  $f/5.2$  reflector + CCD.
- G96 Mt. Lemmon Survey. Observer R. A. Kowalski. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 1.5-m reflector + CCD.
- H06 RAS Observatory, Mayhill. Observers P. Camilleri, M. Nicholson, E. Guido, G. Sostero. 0.25-m  $f/3.4$  astrograph + CCD, 0.30-m  $f/9.1$  Cassegrain + CCD.
- H36 Sandlot Observatory, Scranton. Observer G. Hug. 0.56-m reflector + CCD.
- H45 Petit Jean Mountain South. Observer P. C. Sherrod. 0.51-m  $f/4.3$  astrograph + CCD.
- H47 Vicksburg. Observer C. Bell. 0.3-m  $f/5.9$  Schmidt-Cassegrain + CCD.
- H55 Astronomical Research Observatory, Charleston. Observer R. Holmes. Measurers R. Holmes, H. Devore, H. Sharafi. 0.81-m  $f/4.0$  astrograph + CCD.
- H59 Prairie Grass Observatory, Camp Cullom. Observer J. Mahony. 0.41-m Schmidt-Cassegrain + CCD.
- H85 Silver Spring. Observer K. Levin. Measurer J. C. Pelle. 0.45-m  $f/7.25$  Ritchey-Chrétien + CCD.
- I21 El Condor Observatory, Córdoba. Observer W. Robledo. Measurer C. Montivero. 0.20-m  $f/4.2$  Schmidt-Cassegrain + CCD.
- I31 Observatorio Astronomico del Colegio Cristo Rey. Observers V. Buso, G. Mazalan. Measurer E. Diez. 0.28-m  $f/10$  Schmidt-Cassegrain + CCD.
- I32 Observatorio Beta Orionis, Rosario. Observer F. Tifner. 0.25-m  $f/10$  Schmidt-Cassegrain + CCD.
- I77 CEAMIG-REA Observatory, Belo Horizonte. Observers C. Jacques, E. Pimentel. Measurer C. Jacques. 0.30-m  $f/3.0$  reflector + CCD.
- J20 Aravaca. Observer K. Wierzbos. 0.20-m Schmidt-Cassegrain + CCD.
- J27 El Guijo Observatory. Observer A. San Segundo. 0.20-m  $f/10$  Schmidt-Cassegrain + CCD.
- J28 Jaen. Observer J. J. Martin. 0.20-m  $f/10$  Schmidt-Cassegrain + CCD.
- J29 Observatorio Nira, Tias. Observer R. Trujillo. 0.24-m  $f/4.8$  Cassegrain + CCD.
- J30 Observatorio Ventilla, Madrid. Observer M. Rodriguez M. 0.15-m  $f/5$  reflector + CCD.
- J38 Observatorio La Vara, Valdés. Observer F. García. 0.25-m  $f/8.1$  reflector + CCD.
- J40 Malaga. Observer J. M. Ruiz M. 0.20-m  $f/5$  Newtonian reflector + CCD.

- J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodriguez R. 0.20-m  $f/4$  reflector + CCD.
- J47 Observatorio Nazaret. Observer G. Muler. 0.20-m Schmidt-Cassegrain + CCD.
- J51 Observatorio Atlante, Tenerife. Observers J. A. Henríquez, G. Muler. 0.2-m  $f/9$  Cassegrain + CCD.
- J52 Observatorio Pinsoro. Observer O. Canales. 0.25-m  $f/3.2$  reflector + CCD.
- J53 Posadas. Observer R. Benavides. 0.28-m  $f/5.0$  Schmidt-Cassegrain + CCD.
- J59 Observatorio Linceo, Santander. Observer J. Temprano. 0.25-m  $f/3.3$  Schmidt-Cassegrain + CCD.
- J69 North Observatory, Clanfield. Observer D. Briggs. 0.40-m  $f/4.57$  Newtonian reflector + CCD.
- J70 Obs. Astronómico Vega del Thader, El Palmar. Observer J. P. Navarro P. Measurer P. Navarro J. 0.25-m Schmidt-Cassegrain + CCD.
- J75 OAM Observatory, La Sagra. Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez, A. Cikota, S. Cikota. 0.45-m  $f/2.8$  reflector + CCD.
- J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m  $f/6.3$  Schmidt-Cassegrain + CCD.
- J79 Observatorio Calarreona, Aguilas. Observer F. Montalban. 0.25-m  $f/10$  Schmidt-Cassegrain + CCD.
- J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.25-m  $f/5.5$  Schmidt-Cassegrain + CCD.
- J95 Great Shefford. Observer P. Birtwhistle. 0.40-m  $f/6.0$  Schmidt-Cassegrain + CCD.

| Object                                  | Date             | UT | $\alpha_{2000}$ | $\delta_{2000}$ | Mag. | N | Obs. |
|-----------------------------------------|------------------|----|-----------------|-----------------|------|---|------|
| <b>C/1996 P2 (Russell-Watson)</b>       |                  |    |                 |                 |      |   |      |
| C/1996 P2                               | 1995 05 02.33819 |    | 13 55 59.60     | +27 46 03.2     | 15.0 | T | 675  |
| C/1996 P2                               | 1995 05 02.36736 |    | 13 55 58.15     | +27 46 03.8     |      |   | 675  |
| C/1996 P2                               | 1995 05 02.39670 |    | 13 55 56.82     | +27 46 03.5     |      |   | 675  |
| <b>P/1997 G1 (Montani)</b>              |                  |    |                 |                 |      |   |      |
| P/1997 G1                               | 1997 11 24.48841 |    | 10 57 44.04     | +02 50 28.2     | 17.4 | T | 691  |
| P/1997 G1                               | 1997 11 24.49477 |    | 10 57 44.16     | +02 50 27.6     | 16.3 | T | 691  |
| P/1997 G1                               | 1997 11 24.50100 |    | 10 57 44.16     | +02 50 27.7     | 16.3 | T | 691  |
| <b>C/2004 D1 (NEAT)</b>                 |                  |    |                 |                 |      |   |      |
| C/2004 D1                               | 2006 02 10.24252 |    | 10 49 18.11     | +66 38 36.0     | 16.5 | T | 699  |
| C/2004 D1                               | 2006 02 10.26212 |    | 10 49 17.34     | +66 38 41.1     |      |   | 699  |
| C/2004 D1                               | 2006 02 10.28175 |    | 10 49 16.52     | +66 38 44.3     |      |   | 699  |
| C/2004 D1                               | 2006 02 10.30138 |    | 10 49 15.76     | +66 38 49.0     |      |   | 699  |
| <b>C/2005 EL<sub>173</sub> (LONEOS)</b> |                  |    |                 |                 |      |   |      |
| C/2005 EL <sub>173</sub>                | 2008 08 30.06130 |    | 01 05 38.64     | -17 48 45.2     |      |   | 204  |
| C/2005 EL <sub>173</sub>                | 2008 08 30.12769 |    | 01 05 34.81     | -17 49 02.0     | 18.4 | N | 204  |
| C/2005 EL <sub>173</sub>                | 2008 09 10.61133 |    | 00 54 09.36     | -18 34 35.3     | 18.4 | T | E12  |
| <b>C/2005 L3 (McNaught)</b>             |                  |    |                 |                 |      |   |      |
| C/2005 L3                               | 2008 05 28.96120 |    | 15 57 59.61     | +21 47 28.4     | 15.8 | N | 461  |
| C/2005 L3                               | 2008 05 28.96574 |    | 15 57 59.25     | +21 47 30.0     |      |   | 461  |
| C/2005 L3                               | 2008 05 28.97025 |    | 15 57 58.93     | +21 47 31.3     |      |   | 461  |
| C/2005 L3                               | 2008 07 28.84857 |    | 15 01 31.19     | +22 05 08.5     | 15.6 | N | 473  |
| C/2005 L3                               | 2008 07 28.84935 |    | 15 01 31.20     | +22 05 08.4     | 15.7 | N | 473  |
| C/2005 L3                               | 2008 08 18.81500 |    | 14 54 18.82     | +20 58 05.5     | 16.7 | N | B37  |

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|           |                  |             |             |        |       |
|-----------|------------------|-------------|-------------|--------|-------|
| C/2005 L3 | 2008 08 18.81619 | 14 54 18.76 | +20 58 05.3 | 16.5 N | B37   |
| C/2005 L3 | 2008 08 18.81738 | 14 54 18.72 | +20 58 05.3 | 16.8 N | B37   |
| C/2005 L3 | 2008 08 19.81652 | 14 54 06.68 | +20 54 42.9 | 15.4 N | 235   |
| C/2005 L3 | 2008 08 20.87789 | 14 53 54.82 | +20 51 08.6 | 14.9 T | 945   |
| C/2005 L3 | 2008 08 20.88221 | 14 53 54.84 | +20 51 07.9 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 20.88446 | 14 53 54.76 | +20 51 07.8 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 20.88586 | 14 53 54.75 | +20 51 07.1 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 20.88750 | 14 53 54.65 | +20 51 07.0 | 14.9 T | 945   |
| C/2005 L3 | 2008 08 20.93697 | 14 53 54.19 | +20 50 56.9 | 15.0 N | J38   |
| C/2005 L3 | 2008 08 20.93878 | 14 53 54.16 | +20 50 56.8 | 15.0 N | J38   |
| C/2005 L3 | 2008 08 20.94600 | 14 53 54.09 | +20 50 54.8 | 14.9 N | J38   |
| C/2005 L3 | 2008 08 22.80643 | 14 53 35.21 | +20 44 39.3 | 15.3 N | 235   |
| C/2005 L3 | 2008 08 22.92858 | 14 53 34.09 | +20 44 15.2 | 14.9 N | J38   |
| C/2005 L3 | 2008 08 22.93149 | 14 53 34.07 | +20 44 14.6 | 15.0 N | J38   |
| C/2005 L3 | 2008 08 22.93585 | 14 53 34.02 | +20 44 13.6 | 14.9 N | J38   |
| C/2005 L3 | 2008 08 23.85177 | 14 53 25.67 | +20 41 10.0 | 14.3 N | 1 204 |
| C/2005 L3 | 2008 08 23.88356 | 14 53 25.43 | +20 41 03.4 |        | 1 204 |
| C/2005 L3 | 2008 08 23.92980 | 14 53 24.97 | +20 40 53.8 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 23.93179 | 14 53 25.04 | +20 40 53.1 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 23.93368 | 14 53 24.94 | +20 40 51.6 | 15.1 T | 945   |
| C/2005 L3 | 2008 08 23.93734 | 14 53 24.83 | +20 40 51.1 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 23.94634 | 14 53 24.79 | +20 40 50.1 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 24.82589 | 14 53 17.49 | +20 37 52.5 | 15.2 N | 235   |
| C/2005 L3 | 2008 08 24.88847 | 14 53 16.99 | +20 37 39.8 |        | J30   |
| C/2005 L3 | 2008 08 24.89130 | 14 53 16.91 | +20 37 38.8 |        | J30   |
| C/2005 L3 | 2008 08 24.89427 | 14 53 16.87 | +20 37 39.5 |        | J30   |
| C/2005 L3 | 2008 08 25.12887 | 14 53 15.13 | +20 36 53.0 | 16.0 T | 762   |
| C/2005 L3 | 2008 08 25.13775 | 14 53 15.05 | +20 36 50.9 | 15.8 T | 762   |
| C/2005 L3 | 2008 08 25.14991 | 14 53 14.96 | +20 36 48.8 | 16.1 T | 762   |
| C/2005 L3 | 2008 08 25.88750 | 14 53 09.37 | +20 34 21.2 | 15.6 N | J47   |
| C/2005 L3 | 2008 08 25.89047 | 14 53 09.45 | +20 34 18.8 | 14.8 N | J47   |
| C/2005 L3 | 2008 08 25.89224 | 14 53 09.38 | +20 34 20.3 | 15.7 N | J47   |
| C/2005 L3 | 2008 08 25.89284 | 14 53 09.38 | +20 34 19.8 | 14.7 N | J47   |
| C/2005 L3 | 2008 08 25.89817 | 14 53 09.45 | +20 34 17.5 | 15.7 N | J47   |
| C/2005 L3 | 2008 08 25.89860 | 14 53 09.29 | +20 34 18.6 | 14.9 T | 945   |
| C/2005 L3 | 2008 08 25.90109 | 14 53 09.29 | +20 34 18.6 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 25.90647 | 14 53 09.28 | +20 34 15.3 | 15.1 T | 945   |
| C/2005 L3 | 2008 08 25.90869 | 14 53 09.16 | +20 34 15.4 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 25.91314 | 14 53 09.07 | +20 34 15.6 | 15.0 T | 945   |
| C/2005 L3 | 2008 08 27.83770 | 14 52 56.25 | +20 27 50.4 | 15.6 N | 215   |
| C/2005 L3 | 2008 08 27.83841 | 14 52 56.24 | +20 27 50.1 | 15.6 N | 215   |
| C/2005 L3 | 2008 08 27.83911 | 14 52 56.24 | +20 27 50.0 | 15.6 N | 215   |
| C/2005 L3 | 2008 08 27.86959 | 14 52 56.10 | +20 27 44.2 | 15.1 N | A77   |
| C/2005 L3 | 2008 08 27.88296 | 14 52 56.01 | +20 27 41.5 | 15.0 N | A77   |
| C/2005 L3 | 2008 08 29.81753 | 14 52 45.60 | +20 21 18.3 | 16.0 N | B37   |
| C/2005 L3 | 2008 08 29.83485 | 14 52 45.55 | +20 21 15.1 | 16.1 N | B37   |
| C/2005 L3 | 2008 08 29.83616 | 14 52 45.51 | +20 21 14.9 | 16.0 N | B37   |
| C/2005 L3 | 2008 08 29.86358 | 14 52 45.31 | +20 21 07.9 | 15.0 N | 939   |
| C/2005 L3 | 2008 08 29.86959 | 14 52 45.31 | +20 21 07.0 | 15.0 N | 939   |
| C/2005 L3 | 2008 08 29.87560 | 14 52 45.33 | +20 21 06.1 | 15.0 N | 939   |
| C/2005 L3 | 2008 08 31.46415 | 14 52 38.53 | +20 15 53.9 |        | 900   |
| C/2005 L3 | 2008 08 31.47034 | 14 52 38.50 | +20 15 52.6 | 15.6 N | 900   |
| C/2005 L3 | 2008 09 02.79261 | 14 52 31.51 | +20 08 19.6 | 15.3 N | 235   |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2005 L3 | 2008 09 04.77512 | 14 52 28.07 | +20 02 00.2 | 16.0 N | B58 |
| C/2005 L3 | 2008 09 04.78021 | 14 52 28.08 | +20 01 59.7 |        | B58 |
| C/2005 L3 | 2008 09 04.78456 | 14 52 28.10 | +20 01 58.8 |        | B58 |
| C/2005 L3 | 2008 09 04.78941 | 14 52 28.11 | +20 01 57.8 |        | B58 |
| C/2005 L3 | 2008 09 06.85560 | 14 52 26.98 | +19 55 28.5 | 15.7 N | J40 |
| C/2005 L3 | 2008 09 06.85593 | 14 52 26.81 | +19 55 23.3 |        | J30 |
| C/2005 L3 | 2008 09 06.85831 | 14 52 26.93 | +19 55 26.0 |        | J30 |
| C/2005 L3 | 2008 09 06.86068 | 14 52 26.97 | +19 55 25.6 |        | J30 |
| C/2005 L3 | 2008 09 06.86871 | 14 52 27.02 | +19 55 25.8 | 15.7 N | J40 |
| C/2005 L3 | 2008 09 06.88125 | 14 52 27.01 | +19 55 23.9 | 15.6 N | J40 |
| C/2005 L3 | 2008 09 07.84407 | 14 52 27.30 | +19 52 23.8 | 15.1 N | J79 |
| C/2005 L3 | 2008 09 07.84480 | 14 52 27.35 | +19 52 24.5 | 15.1 N | J79 |
| C/2005 L3 | 2008 09 07.84552 | 14 52 27.33 | +19 52 23.4 | 15.1 N | J79 |
| C/2005 L3 | 2008 09 07.84701 | 14 52 27.26 | +19 52 22.2 | 15.1 T | 945 |
| C/2005 L3 | 2008 09 07.85035 | 14 52 27.09 | +19 52 21.6 | 15.0 T | 945 |
| C/2005 L3 | 2008 09 07.85287 | 14 52 27.31 | +19 52 21.7 | 15.6 N | J38 |
| C/2005 L3 | 2008 09 07.85591 | 14 52 27.22 | +19 52 19.7 | 14.9 T | 945 |
| C/2005 L3 | 2008 09 07.85786 | 14 52 27.52 | +19 52 25.8 | 15.1 T | 945 |
| C/2005 L3 | 2008 09 07.85860 | 14 52 27.32 | +19 52 21.6 | 15.0 N | J38 |
| C/2005 L3 | 2008 09 07.86148 | 14 52 27.31 | +19 52 21.3 | 15.2 N | J38 |
| C/2005 L3 | 2008 09 08.46815 | 14 52 27.73 | +19 50 27.4 | 16.2 N | 900 |
| C/2005 L3 | 2008 09 08.47260 | 14 52 27.76 | +19 50 26.8 |        | 900 |
| C/2005 L3 | 2008 09 08.80907 | 14 52 28.13 | +19 49 24.7 | 15.8 N | B37 |
| C/2005 L3 | 2008 09 08.80972 | 14 52 28.15 | +19 49 24.6 | 14.9 N | A81 |
| C/2005 L3 | 2008 09 08.81249 | 14 52 28.15 | +19 49 24.4 | 15.5 N | B37 |
| C/2005 L3 | 2008 09 08.81448 | 14 52 28.16 | +19 49 24.0 | 15.5 N | B37 |
| C/2005 L3 | 2008 09 08.83573 | 14 52 28.34 | +19 49 21.2 | 15.0 N | 945 |
| C/2005 L3 | 2008 09 08.83918 | 14 52 28.11 | +19 49 18.6 | 15.0 N | 945 |
| C/2005 L3 | 2008 09 08.84111 | 14 52 28.23 | +19 49 21.7 | 15.1 N | 945 |
| C/2005 L3 | 2008 09 08.84319 | 14 52 28.00 | +19 49 16.9 | 15.0 N | 945 |
| C/2005 L3 | 2008 09 08.84523 | 14 52 28.08 | +19 49 18.3 | 15.0 N | 945 |
| C/2005 L3 | 2008 09 11.85296 | 14 52 34.06 | +19 40 13.2 | 15.1 N | J38 |
| C/2005 L3 | 2008 09 11.85760 | 14 52 34.07 | +19 40 12.7 | 15.2 N | J38 |
| C/2005 L3 | 2008 09 11.86087 | 14 52 34.05 | +19 40 11.5 | 15.2 N | J38 |
| C/2005 L3 | 2008 09 13.86244 | 14 52 40.49 | +19 34 19.0 | 15.4 N | J28 |
| C/2005 L3 | 2008 09 14.84072 | 14 52 44.54 | +19 31 30.0 | 15.3 N | J40 |
| C/2005 L3 | 2008 09 14.84613 | 14 52 44.44 | +19 31 27.9 | 15.1 N | J40 |
| C/2005 L3 | 2008 09 14.85609 | 14 52 44.38 | +19 31 27.7 | 15.3 N | J40 |
| C/2005 L3 | 2008 09 14.86193 | 14 52 44.56 | +19 31 26.7 | 15.1 N | J38 |
| C/2005 L3 | 2008 09 14.86407 | 14 52 44.56 | +19 31 25.7 | 15.1 N | J38 |
| C/2005 L3 | 2008 09 14.87048 | 14 52 44.59 | +19 31 24.4 | 15.0 N | J38 |

## C/2005 S4 (McNaught)

|           |                  |             |             |        |       |
|-----------|------------------|-------------|-------------|--------|-------|
| C/2005 S4 | 2008 07 31.98802 | 18 03 34.18 | +44 28 21.6 | 19.9 T | 204   |
| C/2005 S4 | 2008 08 20.86447 | 17 45 35.15 | +43 14 27.1 | 20 N   | 461   |
| C/2005 S4 | 2008 08 20.87330 | 17 45 34.69 | +43 14 25.1 |        | 2 461 |
| C/2005 S4 | 2008 08 21.80547 | 17 44 53.73 | +43 10 00.7 | 19.4 N | 118   |
| C/2005 S4 | 2008 08 21.81725 | 17 44 53.29 | +43 09 56.6 | 19.1 N | 118   |
| C/2005 S4 | 2008 08 21.82799 | 17 44 52.85 | +43 09 53.5 | 18.7 N | 118   |
| C/2005 S4 | 2008 08 22.83904 | 17 44 09.30 | +43 05 03.0 | 20.5 T | 461   |
| C/2005 S4 | 2008 08 22.84830 | 17 44 08.88 | +43 05 00.4 |        | 461   |
| C/2005 S4 | 2008 08 26.21670 | 17 41 51.77 | +42 48 23.3 | 18.9 N | H45   |
| C/2005 S4 | 2008 08 26.21878 | 17 41 51.70 | +42 48 22.2 | 18.8 N | H45   |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2005 S4 | 2008 08 26.23142 | 17 41 51.09 | +42 48 18.8 | 18.8 N | H45 |
| C/2005 S4 | 2008 08 26.23260 | 17 41 51.04 | +42 48 17.7 | 18.9 N | H45 |
| C/2005 S4 | 2008 08 26.23516 | 17 41 50.93 | +42 48 17.7 | 18.8 N | H45 |
| C/2005 S4 | 2008 08 28.81270 | 17 40 14.07 | +42 35 07.4 |        | 118 |
| C/2005 S4 | 2008 08 28.81800 | 17 40 13.86 | +42 35 04.9 |        | 118 |
| C/2005 S4 | 2008 08 29.86550 | 17 39 36.16 | +42 29 41.3 | 20.0 N | B37 |
| C/2005 S4 | 2008 08 29.87685 | 17 39 35.91 | +42 29 35.6 | 20.1 N | B37 |
| C/2005 S4 | 2008 08 29.89227 | 17 39 35.20 | +42 29 31.0 | 20.0 N | B37 |
| C/2005 S4 | 2008 08 29.91841 | 17 39 34.40 | +42 29 23.7 | 20.2 N | B37 |
| C/2005 S4 | 2008 09 08.85087 | 17 34 35.42 | +41 36 08.0 | 20.4 N | B37 |
| C/2005 S4 | 2008 09 08.85734 | 17 34 35.29 | +41 36 06.7 | 20.3 N | B37 |
| C/2005 S4 | 2008 09 08.86537 | 17 34 35.13 | +41 36 04.4 | 20.3 N | B37 |

**P/2005 XA<sub>54</sub> (LONEOS-Hill)**

|                         |                  |             |             |        |     |
|-------------------------|------------------|-------------|-------------|--------|-----|
| P/2005 XA <sub>54</sub> | 2006 06 10.18046 | 12 09 04.22 | +18 48 05.1 | 18.1 T | 699 |
| P/2005 XA <sub>54</sub> | 2006 06 10.20145 | 12 09 06.06 | +18 47 50.2 |        | 699 |
| P/2005 XA <sub>54</sub> | 2006 06 10.22245 | 12 09 08.11 | +18 47 34.8 |        | 699 |
| P/2005 XA <sub>54</sub> | 2006 06 10.24345 | 12 09 10.16 | +18 47 18.1 |        | 699 |

**C/2006 OF<sub>2</sub> (Broughton)**

|                        |                  |             |             |        |     |
|------------------------|------------------|-------------|-------------|--------|-----|
| C/2006 OF <sub>2</sub> | 2007 10 07.10293 | 21 15 26.88 | -07 54 31.5 | 15.0 T | 699 |
| C/2006 OF <sub>2</sub> | 2007 10 07.12826 | 21 15 26.43 | -07 54 29.6 |        | 699 |
| C/2006 OF <sub>2</sub> | 2007 10 07.15366 | 21 15 25.98 | -07 54 27.9 |        | 699 |
| C/2006 OF <sub>2</sub> | 2007 10 07.17902 | 21 15 25.53 | -07 54 25.2 |        | 699 |
| C/2006 OF <sub>2</sub> | 2008 08 09.47037 | 03 46 52.70 | +49 25 45.8 | 14.7 N | H06 |
| C/2006 OF <sub>2</sub> | 2008 08 10.45956 | 03 49 20.34 | +49 39 26.2 | 14.4 N | H06 |
| C/2006 OF <sub>2</sub> | 2008 08 11.67524 | 03 52 22.68 | +49 56 05.7 | 13.8 T | 372 |
| C/2006 OF <sub>2</sub> | 2008 08 14.75313 | 04 00 06.38 | +50 37 26.2 | 13.8 T | 372 |
| C/2006 OF <sub>2</sub> | 2008 08 19.13929 | 04 11 12.55 | +51 34 06.8 | 13.4 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 19.14308 | 04 11 13.13 | +51 34 09.7 | 13.4 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 19.14688 | 04 11 13.70 | +51 34 12.7 | 13.4 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 20.02419 | 04 13 27.50 | +51 45 13.1 | 15.6 N | B42 |
| C/2006 OF <sub>2</sub> | 2008 08 20.02674 | 04 13 27.88 | +51 45 15.1 | 15.4 N | B42 |
| C/2006 OF <sub>2</sub> | 2008 08 20.02799 | 04 13 28.09 | +51 45 16.1 | 15.5 N | B42 |
| C/2006 OF <sub>2</sub> | 2008 08 20.02913 | 04 13 28.24 | +51 45 17.2 | 15.6 N | B42 |
| C/2006 OF <sub>2</sub> | 2008 08 20.03035 | 04 13 28.43 | +51 45 17.8 | 15.6 N | B42 |
| C/2006 OF <sub>2</sub> | 2008 08 20.06528 | 04 13 33.81 | +51 45 43.4 | 14.1 N | J27 |
| C/2006 OF <sub>2</sub> | 2008 08 20.06959 | 04 13 34.45 | +51 45 46.6 | 14.0 N | J27 |
| C/2006 OF <sub>2</sub> | 2008 08 20.07472 | 04 13 35.25 | +51 45 50.4 | 14.0 N | J27 |
| C/2006 OF <sub>2</sub> | 2008 08 21.01509 | 04 15 58.93 | +51 57 30.4 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 08 21.01617 | 04 15 59.10 | +51 57 31.2 | 13.9 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 08 21.01727 | 04 15 59.26 | +51 57 32.2 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 08 21.05230 | 04 16 04.64 | +51 57 58.8 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 21.05446 | 04 16 04.98 | +51 58 00.7 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 21.05552 | 04 16 05.15 | +51 58 01.5 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 21.05758 | 04 16 05.43 | +51 58 02.9 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 21.05866 | 04 16 05.59 | +51 58 03.5 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 21.94492 | 04 18 21.12 | +52 08 55.5 | 14.0 N | 235 |
| C/2006 OF <sub>2</sub> | 2008 08 22.88332 | 04 20 44.63 | +52 20 19.7 | 14.5 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 22.88498 | 04 20 44.96 | +52 20 20.5 | 14.4 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 22.88662 | 04 20 45.15 | +52 20 21.7 | 14.5 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 22.98224 | 04 20 59.93 | +52 21 31.8 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 08 22.98444 | 04 21 00.27 | +52 21 33.3 | 13.7 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 08 22.98553 | 04 21 00.43 | +52 21 34.1 | 13.8 N | J38 |

|                        |                  |             |             |        |     |
|------------------------|------------------|-------------|-------------|--------|-----|
| C/2006 OF <sub>2</sub> | 2008 08 23.29714 | 04 21 48.17 | +52 25 20.3 | 13.9 N | H06 |
| C/2006 OF <sub>2</sub> | 2008 08 23.99851 | 04 23 35.64 | +52 33 43.6 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 24.00167 | 04 23 36.14 | +52 33 45.9 | 13.8 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 24.00291 | 04 23 36.33 | +52 33 46.9 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 24.00392 | 04 23 36.47 | +52 33 47.8 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 24.00602 | 04 23 36.79 | +52 33 49.2 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 24.01141 | 04 23 37.56 | +52 33 53.1 | 13.6 N | J52 |
| C/2006 OF <sub>2</sub> | 2008 08 24.01208 | 04 23 37.65 | +52 33 53.7 | 13.6 N | J52 |
| C/2006 OF <sub>2</sub> | 2008 08 24.01407 | 04 23 37.95 | +52 33 55.3 | 13.7 N | J52 |
| C/2006 OF <sub>2</sub> | 2008 08 25.10253 | 04 26 24.80 | +52 46 50.1 | 13.7 N | 213 |
| C/2006 OF <sub>2</sub> | 2008 08 25.10435 | 04 26 25.07 | +52 46 51.3 | 13.7 N | 213 |
| C/2006 OF <sub>2</sub> | 2008 08 25.10525 | 04 26 25.19 | +52 46 52.0 | 13.7 N | 213 |
| C/2006 OF <sub>2</sub> | 2008 08 25.11909 | 04 26 27.38 | +52 47 01.0 | 13.9 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 08 25.11997 | 04 26 27.59 | +52 47 02.5 | 14.3 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 08 25.12085 | 04 26 27.71 | +52 47 03.2 | 14.2 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 08 25.12262 | 04 26 27.88 | +52 47 03.8 | 14.0 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 08 25.12439 | 04 26 28.14 | +52 47 06.2 | 14.7 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 08 26.06162 | 04 28 51.85 | +52 58 02.3 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 26.06285 | 04 28 52.02 | +52 58 03.1 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 26.06409 | 04 28 52.23 | +52 58 03.9 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 26.06536 | 04 28 52.42 | +52 58 04.8 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 26.06669 | 04 28 52.60 | +52 58 05.8 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 08 26.12446 | 04 29 01.51 | +52 58 47.1 | 13.6 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 26.12761 | 04 29 02.00 | +52 58 49.3 | 13.6 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 26.13076 | 04 29 02.49 | +52 58 51.2 | 13.5 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39039 | 04 29 42.24 | +53 01 52.4 | 12.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39134 | 04 29 42.38 | +53 01 53.1 | 12.6 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39288 | 04 29 42.62 | +53 01 54.2 | 12.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39435 | 04 29 42.84 | +53 01 55.2 | 12.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39554 | 04 29 43.03 | +53 01 56.0 | 12.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 26.39672 | 04 29 43.21 | +53 01 56.9 | 12.6 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.14520 | 04 31 37.90 | +53 10 35.2 | 14.5 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39168 | 04 32 15.74 | +53 13 23.5 | 12.5 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39347 | 04 32 16.02 | +53 13 24.7 | 12.5 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39539 | 04 32 16.31 | +53 13 26.0 | 12.5 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39681 | 04 32 16.52 | +53 13 27.0 | 12.5 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39762 | 04 32 16.64 | +53 13 27.6 | 12.5 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 27.39856 | 04 32 16.79 | +53 13 28.2 | 12.6 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.04186 | 04 33 55.41 | +53 20 45.7 | 14.1 N | 215 |
| C/2006 OF <sub>2</sub> | 2008 08 28.04257 | 04 33 55.51 | +53 20 46.2 | 14.1 N | 215 |
| C/2006 OF <sub>2</sub> | 2008 08 28.04327 | 04 33 55.62 | +53 20 46.7 | 14.2 N | 215 |
| C/2006 OF <sub>2</sub> | 2008 08 28.15483 | 04 34 12.72 | +53 22 04.1 | 13.6 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 28.15961 | 04 34 13.44 | +53 22 07.5 | 13.5 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 28.16440 | 04 34 14.18 | +53 22 10.8 | 13.5 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41165 | 04 34 52.04 | +53 24 58.5 | 11.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41308 | 04 34 52.26 | +53 24 59.5 | 11.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41470 | 04 34 52.50 | +53 25 00.6 | 11.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41598 | 04 34 52.71 | +53 25 01.4 | 11.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41671 | 04 34 52.81 | +53 25 01.8 | 11.7 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.41805 | 04 34 53.01 | +53 25 02.8 | 11.8 N | H45 |
| C/2006 OF <sub>2</sub> | 2008 08 28.93685 | 04 36 12.68 | +53 30 50.5 | 15.8 N | B23 |
| C/2006 OF <sub>2</sub> | 2008 08 28.93912 | 04 36 13.09 | +53 30 52.0 | 16.3 N | B23 |
| C/2006 OF <sub>2</sub> | 2008 08 28.94139 | 04 36 13.34 | +53 30 53.3 | 15.3 N | B23 |

2008 SEPT. 17

M.P.C. 63773

|                        |                  |             |             |        |     |
|------------------------|------------------|-------------|-------------|--------|-----|
| C/2006 OF <sub>2</sub> | 2008 08 28.94367 | 04 36 13.76 | +53 30 55.3 | 15.7 N | B23 |
| C/2006 OF <sub>2</sub> | 2008 08 29.98796 | 04 38 53.61 | +53 42 31.2 | 13.8 N | 232 |
| C/2006 OF <sub>2</sub> | 2008 08 29.99463 | 04 38 54.62 | +53 42 35.9 | 13.8 N | 232 |
| C/2006 OF <sub>2</sub> | 2008 08 30.00130 | 04 38 55.65 | +53 42 40.5 | 13.8 N | 232 |
| C/2006 OF <sub>2</sub> | 2008 08 30.05956 | 04 39 04.48 | +53 43 19.5 | 13.7 N | 939 |
| C/2006 OF <sub>2</sub> | 2008 08 30.06419 | 04 39 05.18 | +53 43 22.6 | 13.6 N | 939 |
| C/2006 OF <sub>2</sub> | 2008 08 30.06882 | 04 39 05.89 | +53 43 25.7 | 13.6 N | 939 |
| C/2006 OF <sub>2</sub> | 2008 08 30.88954 | 04 41 11.35 | +53 52 23.9 | 14.7 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 30.89166 | 04 41 11.73 | +53 52 25.6 | 14.8 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 30.89589 | 04 41 12.29 | +53 52 28.3 | 14.7 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 08 30.98498 | 04 41 25.98 | +53 53 27.6 | 15.5 N | 510 |
| C/2006 OF <sub>2</sub> | 2008 08 30.98991 | 04 41 26.75 | +53 53 30.9 | 15.3 N | 510 |
| C/2006 OF <sub>2</sub> | 2008 08 30.99238 | 04 41 27.10 | +53 53 32.6 | 15.6 N | 510 |
| C/2006 OF <sub>2</sub> | 2008 08 31.08029 | 04 41 40.44 | +53 54 30.1 | 12.8 N | A97 |
| C/2006 OF <sub>2</sub> | 2008 08 31.08963 | 04 41 41.91 | +53 54 36.9 | 12.8 N | A97 |
| C/2006 OF <sub>2</sub> | 2008 08 31.09896 | 04 41 43.30 | +53 54 43.1 | 12.8 N | A97 |
| C/2006 OF <sub>2</sub> | 2008 09 02.08792 | 04 46 47.07 | +54 16 03.0 | 14.2 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 02.08936 | 04 46 47.31 | +54 16 03.8 | 14.3 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 02.09083 | 04 46 47.51 | +54 16 04.9 | 14.2 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 02.18020 | 04 47 01.02 | +54 17 02.3 | 14.3 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 02.18473 | 04 47 01.73 | +54 17 05.1 | 14.2 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 02.18752 | 04 47 02.09 | +54 17 06.9 | 14.3 N | B37 |
| C/2006 OF <sub>2</sub> | 2008 09 03.02492 | 04 49 09.82 | +54 25 52.7 | 13.6 N | J53 |
| C/2006 OF <sub>2</sub> | 2008 09 03.03043 | 04 49 10.64 | +54 25 56.2 | 13.6 N | J53 |
| C/2006 OF <sub>2</sub> | 2008 09 03.03200 | 04 49 10.87 | +54 25 57.1 | 13.6 N | J53 |
| C/2006 OF <sub>2</sub> | 2008 09 03.19108 | 04 49 35.07 | +54 27 38.8 | 13.6 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 03.19362 | 04 49 35.42 | +54 27 40.7 | 13.6 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 03.19530 | 04 49 35.72 | +54 27 40.9 | 13.6 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 03.19698 | 04 49 35.96 | +54 27 42.2 | 13.6 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 03.19950 | 04 49 36.28 | +54 27 44.1 | 13.6 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 03.76164 | 04 51 01.70 | +54 33 32.6 |        | 349 |
| C/2006 OF <sub>2</sub> | 2008 09 03.76346 | 04 51 01.98 | +54 33 33.9 |        | 349 |
| C/2006 OF <sub>2</sub> | 2008 09 03.76527 | 04 51 02.27 | +54 33 35.0 | 11.7 T | 349 |
| C/2006 OF <sub>2</sub> | 2008 09 04.30642 | 04 52 24.52 | +54 39 07.1 | 13.8 N | H06 |
| C/2006 OF <sub>2</sub> | 2008 09 04.31666 | 04 52 26.09 | +54 39 13.7 | 13.8 N | H06 |
| C/2006 OF <sub>2</sub> | 2008 09 06.10516 | 04 56 56.57 | +54 57 18.8 | 13.6 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 06.10722 | 04 56 56.85 | +54 57 19.3 | 13.5 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 06.12741 | 04 56 59.85 | +54 57 30.8 | 13.6 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 06.13094 | 04 57 00.46 | +54 57 33.1 | 13.6 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 06.15543 | 04 57 04.07 | +54 57 49.1 | 13.6 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 06.18343 | 04 57 08.41 | +54 58 05.5 | 13.6 T | 442 |
| C/2006 OF <sub>2</sub> | 2008 09 06.18486 | 04 57 08.64 | +54 58 06.4 | 13.6 T | 442 |
| C/2006 OF <sub>2</sub> | 2008 09 06.93447 | 04 59 01.77 | +55 05 28.3 | 13.0 N | A71 |
| C/2006 OF <sub>2</sub> | 2008 09 06.93799 | 04 59 02.30 | +55 05 30.4 | 13.1 N | A71 |
| C/2006 OF <sub>2</sub> | 2008 09 06.94150 | 04 59 02.82 | +55 05 32.5 | 13.1 N | A71 |
| C/2006 OF <sub>2</sub> | 2008 09 06.96784 | 04 59 06.99 | +55 05 48.7 | 14.1 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 07.00816 | 04 59 13.00 | +55 06 12.1 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 09 07.00961 | 04 59 13.22 | +55 06 12.9 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 09 07.01250 | 04 59 13.65 | +55 06 14.5 | 13.8 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 09 07.92323 | 05 01 30.63 | +55 15 07.7 | 14.2 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 07.97237 | 05 01 37.91 | +55 15 36.2 | 13.9 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 09 07.97383 | 05 01 38.17 | +55 15 37.0 | 13.9 N | J38 |
| C/2006 OF <sub>2</sub> | 2008 09 07.97674 | 05 01 38.55 | +55 15 38.1 | 13.9 N | J38 |

|                        |                  |             |             |        |     |
|------------------------|------------------|-------------|-------------|--------|-----|
| C/2006 OF <sub>2</sub> | 2008 09 08.01255 | 05 01 44.05 | +55 15 59.9 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 08.01524 | 05 01 44.44 | +55 16 01.6 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 08.01644 | 05 01 44.59 | +55 16 02.4 | 13.6 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 08.01767 | 05 01 44.79 | +55 16 02.9 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 08.01885 | 05 01 44.97 | +55 16 03.5 | 13.7 T | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 08.71822 | 05 03 29.80 | +55 22 48.1 |        | 367 |
| C/2006 OF <sub>2</sub> | 2008 09 08.71962 | 05 03 30.00 | +55 22 49.0 |        | 367 |
| C/2006 OF <sub>2</sub> | 2008 09 08.72101 | 05 03 30.17 | +55 22 49.5 | 12.5 T | 367 |
| C/2006 OF <sub>2</sub> | 2008 09 08.75168 | 05 03 34.74 | +55 23 08.3 | 15.2 N | 900 |
| C/2006 OF <sub>2</sub> | 2008 09 08.75613 | 05 03 35.40 | +55 23 10.6 |        | 900 |
| C/2006 OF <sub>2</sub> | 2008 09 09.05767 | 05 04 20.63 | +55 26 02.9 | 13.7 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 09.05896 | 05 04 20.79 | +55 26 03.4 | 13.7 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 09.06019 | 05 04 20.98 | +55 26 03.5 | 13.7 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 09.06135 | 05 04 21.18 | +55 26 04.2 | 13.7 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 09.06264 | 05 04 21.36 | +55 26 05.2 | 13.7 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 09.65169 | 05 05 49.38 | +55 31 39.4 |        | D88 |
| C/2006 OF <sub>2</sub> | 2008 09 09.65348 | 05 05 49.63 | +55 31 40.5 |        | D88 |
| C/2006 OF <sub>2</sub> | 2008 09 09.65529 | 05 05 49.91 | +55 31 41.5 | 12.7 T | D88 |
| C/2006 OF <sub>2</sub> | 2008 09 11.00934 | 05 09 11.33 | +55 44 18.1 | 15.6 N | B59 |
| C/2006 OF <sub>2</sub> | 2008 09 11.01412 | 05 09 12.07 | +55 44 21.0 | 15.0 N | B59 |
| C/2006 OF <sub>2</sub> | 2008 09 11.01491 | 05 09 12.19 | +55 44 21.2 | 14.3 N | B59 |
| C/2006 OF <sub>2</sub> | 2008 09 11.02047 | 05 09 13.01 | +55 44 24.6 | 14.9 N | B59 |
| C/2006 OF <sub>2</sub> | 2008 09 11.98803 | 05 11 36.25 | +55 53 14.9 | 14.5 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 09 11.99088 | 05 11 36.67 | +55 53 16.6 | 14.6 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 09 11.99373 | 05 11 37.09 | +55 53 18.2 | 14.5 N | J93 |
| C/2006 OF <sub>2</sub> | 2008 09 12.88150 | 05 13 48.15 | +56 01 15.6 | 14.8 N | B40 |
| C/2006 OF <sub>2</sub> | 2008 09 13.12812 | 05 14 24.11 | +56 03 31.9 | 14.3 N | 118 |
| C/2006 OF <sub>2</sub> | 2008 09 13.13076 | 05 14 24.48 | +56 03 33.3 | 14.3 N | 118 |
| C/2006 OF <sub>2</sub> | 2008 09 13.13339 | 05 14 24.86 | +56 03 34.7 | 14.3 N | 118 |
| C/2006 OF <sub>2</sub> | 2008 09 13.16904 | 05 14 30.13 | +56 03 54.4 | 13.6 T | 442 |
| C/2006 OF <sub>2</sub> | 2008 09 13.17289 | 05 14 30.69 | +56 03 56.1 | 13.6 T | 442 |
| C/2006 OF <sub>2</sub> | 2008 09 13.93331 | 05 16 22.27 | +56 10 37.1 | 14.1 T | B65 |
| C/2006 OF <sub>2</sub> | 2008 09 13.93649 | 05 16 22.74 | +56 10 38.7 | 14.1 T | B65 |
| C/2006 OF <sub>2</sub> | 2008 09 13.93968 | 05 16 23.20 | +56 10 40.6 | 14.3 T | B65 |
| C/2006 OF <sub>2</sub> | 2008 09 13.94287 | 05 16 23.66 | +56 10 42.2 | 14.2 T | B65 |
| C/2006 OF <sub>2</sub> | 2008 09 13.94606 | 05 16 24.12 | +56 10 43.9 | 14.2 T | B65 |
| C/2006 OF <sub>2</sub> | 2008 09 14.08777 | 05 16 44.92 | +56 11 59.4 | 13.6 N | J45 |
| C/2006 OF <sub>2</sub> | 2008 09 14.09549 | 05 16 46.02 | +56 12 03.8 | 13.6 N | J45 |
| C/2006 OF <sub>2</sub> | 2008 09 14.16866 | 05 16 56.69 | +56 12 43.6 | 13.7 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 14.16995 | 05 16 56.90 | +56 12 44.3 | 13.7 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 14.17124 | 05 16 57.07 | +56 12 45.0 | 13.7 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 14.17253 | 05 16 57.27 | +56 12 45.7 | 13.7 N | J47 |
| C/2006 OF <sub>2</sub> | 2008 09 14.18658 | 05 16 59.27 | +56 12 52.8 | 13.4 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 09 14.19026 | 05 16 59.81 | +56 12 55.1 | 13.5 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 09 14.19394 | 05 17 00.35 | +56 12 57.2 | 13.6 N | J51 |
| C/2006 OF <sub>2</sub> | 2008 09 15.00407 | 05 18 58.57 | +56 19 56.6 | 13.6 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 15.00597 | 05 18 58.83 | +56 19 57.6 | 13.6 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 15.00792 | 05 18 59.14 | +56 19 58.5 | 13.6 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 15.00927 | 05 18 59.31 | +56 19 59.6 | 13.6 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 15.01155 | 05 18 59.62 | +56 20 00.7 | 13.6 N | 945 |
| C/2006 OF <sub>2</sub> | 2008 09 15.10994 | 05 19 13.81 | +56 20 53.7 | 14.1 N | B40 |

| C/2006 Q1 (McNaught) |                  |             |             |        |  |     |
|----------------------|------------------|-------------|-------------|--------|--|-----|
| C/2006 Q1            | 2008 07 30.45248 | 11 47 18.06 | −04 35 53.9 |        |  | 900 |
| C/2006 Q1            | 2008 07 30.45520 | 11 47 18.31 | −04 35 53.5 | 14.6 N |  | 900 |

| C/2006 S3 (LONEOS) |                  |             |             |        |  |     |
|--------------------|------------------|-------------|-------------|--------|--|-----|
| C/2006 S3          | 2008 08 21.67130 | 23 16 37.59 | +07 43 27.7 | 17.3 N |  | 900 |
| C/2006 S3          | 2008 08 21.67685 | 23 16 37.24 | +07 43 26.1 |        |  | 900 |
| C/2006 S3          | 2008 08 24.91468 | 23 15 04.72 | +07 36 17.8 | 20 N   |  | 461 |
| C/2006 S3          | 2008 08 24.92345 | 23 15 04.44 | +07 36 16.3 |        |  | 461 |
| C/2006 S3          | 2008 08 24.93232 | 23 15 04.19 | +07 36 15.7 |        |  | 461 |
| C/2006 S3          | 2008 08 26.27098 | 23 14 25.38 | +07 33 10.6 | 19.0 T |  | 704 |
| C/2006 S3          | 2008 08 26.28376 | 23 14 25.00 | +07 33 08.9 | 19.7 T |  | 704 |
| C/2006 S3          | 2008 08 26.29682 | 23 14 24.60 | +07 33 07.5 | 19.7 T |  | 704 |
| C/2006 S3          | 2008 08 26.30957 | 23 14 24.22 | +07 33 05.3 | 19.6 T |  | 704 |
| C/2006 S3          | 2008 08 26.32242 | 23 14 23.77 | +07 33 03.4 | 19.6 T |  | 704 |
| C/2006 S3          | 2008 08 26.89168 | 23 14 07.25 | +07 31 42.7 | 20 N   |  | 461 |
| C/2006 S3          | 2008 08 26.89862 | 23 14 07.05 | +07 31 41.6 |        |  | 461 |
| C/2006 S3          | 2008 08 26.90555 | 23 14 06.82 | +07 31 41.1 |        |  | 461 |
| C/2006 S3          | 2008 08 26.93450 | 23 14 06.00 | +07 31 37.2 |        |  | 461 |
| C/2006 S3          | 2008 08 28.90910 | 23 13 08.07 | +07 26 53.7 | 19.2 N |  | B26 |
| C/2006 S3          | 2008 08 28.91151 | 23 13 08.00 | +07 26 53.6 | 18.2 N |  | A13 |
| C/2006 S3          | 2008 08 28.93413 | 23 13 07.30 | +07 26 49.8 | 18.8 N |  | A13 |
| C/2006 S3          | 2008 08 29.23210 | 23 12 58.51 | +07 26 06.5 | 18.4 N |  | H45 |
| C/2006 S3          | 2008 08 29.23565 | 23 12 58.39 | +07 26 05.7 | 18.4 N |  | H45 |
| C/2006 S3          | 2008 08 29.23712 | 23 12 58.33 | +07 26 05.1 | 18.5 N |  | H45 |
| C/2006 S3          | 2008 08 29.23845 | 23 12 58.32 | +07 26 04.8 | 18.6 N |  | H45 |
| C/2006 S3          | 2008 08 29.23990 | 23 12 58.30 | +07 26 04.7 | 18.7 N |  | H45 |
| C/2006 S3          | 2008 08 29.24358 | 23 12 58.18 | +07 26 04.1 | 18.7 N |  | H45 |
| C/2006 S3          | 2008 08 30.08109 | 23 12 33.31 | +07 24 01.4 | 17.9 N |  | B37 |
| C/2006 S3          | 2008 08 30.08167 | 23 12 33.36 | +07 24 01.7 | 17.8 N |  | B37 |
| C/2006 S3          | 2008 08 30.08380 | 23 12 33.32 | +07 23 59.8 | 17.6 N |  | B37 |
| C/2006 S3          | 2008 08 30.11155 | 23 12 32.37 | +07 23 56.0 | 17.7 N |  | B37 |
| C/2006 S3          | 2008 08 30.11466 | 23 12 32.38 | +07 23 54.5 | 18.0 N |  | B37 |
| C/2006 S3          | 2008 08 30.25999 | 23 12 28.12 | +07 23 34.9 | 19.1 T |  | 704 |
| C/2006 S3          | 2008 08 30.27287 | 23 12 27.64 | +07 23 33.8 | 19.6 T |  | 704 |
| C/2006 S3          | 2008 08 30.28579 | 23 12 27.27 | +07 23 31.2 | 19.8 T |  | 704 |
| C/2006 S3          | 2008 08 30.29866 | 23 12 26.85 | +07 23 29.1 | 19.7 T |  | 704 |
| C/2006 S3          | 2008 08 30.31167 | 23 12 26.52 | +07 23 26.6 | 19.3 T |  | 704 |
| C/2006 S3          | 2008 09 05.19447 | 23 09 30.20 | +07 08 15.5 | 19.5 T |  | 704 |
| C/2006 S3          | 2008 09 05.20833 | 23 09 29.73 | +07 08 13.7 | 19.5 T |  | 704 |
| C/2006 S3          | 2008 09 05.22185 | 23 09 29.39 | +07 08 10.5 | 19.7 T |  | 704 |
| C/2006 S3          | 2008 09 05.23535 | 23 09 28.89 | +07 08 08.1 | 20.0 T |  | 704 |
| C/2006 S3          | 2008 09 05.24886 | 23 09 28.50 | +07 08 05.5 | 19.3 T |  | 704 |
| C/2006 S3          | 2008 09 07.97657 | 23 08 05.80 | +07 00 40.1 | 18.5 N |  | B37 |
| C/2006 S3          | 2008 09 07.98410 | 23 08 05.63 | +07 00 39.4 | 18.3 N |  | B37 |
| C/2006 S3          | 2008 09 07.99634 | 23 08 05.25 | +07 00 37.1 | 18.2 N |  | B37 |
| C/2006 S3          | 2008 09 07.99852 | 23 08 05.14 | +07 00 36.6 | 18.5 N |  | B37 |
| C/2006 S3          | 2008 09 08.00067 | 23 08 05.08 | +07 00 36.4 | 18.5 N |  | B37 |
| C/2006 S3          | 2008 09 08.61514 | 23 07 46.50 | +06 58 55.3 |        |  | 900 |
| C/2006 S3          | 2008 09 08.62307 | 23 07 46.14 | +06 58 51.9 | 18.4 N |  | 900 |
| C/2006 S3          | 2008 09 09.59476 | 23 07 16.66 | +06 56 09.7 |        |  | D88 |
| C/2006 S3          | 2008 09 09.59794 | 23 07 16.61 | +06 56 09.6 |        |  | D88 |
| C/2006 S3          | 2008 09 09.60112 | 23 07 16.48 | +06 56 09.0 | 17.5 T |  | D88 |

|           |                  |             |             |        |  |     |
|-----------|------------------|-------------|-------------|--------|--|-----|
| C/2006 S3 | 2008 09 09.68549 | 23 07 13.88 | +06 55 54.7 |        |  | 349 |
| C/2006 S3 | 2008 09 09.68887 | 23 07 13.79 | +06 55 54.1 |        |  | 349 |
| C/2006 S3 | 2008 09 09.69219 | 23 07 13.67 | +06 55 53.8 | 17.4 T |  | 349 |

| C/2006 W3 (Christensen) |                  |             |             |        |  |     |
|-------------------------|------------------|-------------|-------------|--------|--|-----|
| C/2006 W3               | 2008 08 18.90817 | 04 02 08.46 | +68 40 22.2 |        |  | A30 |
| C/2006 W3               | 2008 08 18.91215 | 04 02 08.21 | +68 40 25.3 |        |  | A30 |
| C/2006 W3               | 2008 08 18.91334 | 04 02 08.16 | +68 40 26.3 |        |  | A30 |
| C/2006 W3               | 2008 08 18.98248 | 04 02 04.78 | +68 41 19.9 | 13.6 N |  | 232 |
| C/2006 W3               | 2008 08 18.98765 | 04 02 04.56 | +68 41 23.8 | 13.6 N |  | 232 |
| C/2006 W3               | 2008 08 18.99286 | 04 02 04.26 | +68 41 27.8 | 13.6 N |  | 232 |
| C/2006 W3               | 2008 08 19.15534 | 04 01 56.12 | +68 43 34.2 |        |  | J51 |
| C/2006 W3               | 2008 08 19.15961 | 04 01 55.93 | +68 43 37.6 | 13.7 N |  | J51 |
| C/2006 W3               | 2008 08 19.16387 | 04 01 55.71 | +68 43 41.3 |        |  | J51 |
| C/2006 W3               | 2008 08 19.98608 | 04 01 13.08 | +68 54 17.6 | 14.7 N |  | 235 |
| C/2006 W3               | 2008 08 19.99988 | 04 01 12.20 | +68 54 27.7 | 15.5 N |  | B42 |
| C/2006 W3               | 2008 08 20.00277 | 04 01 12.03 | +68 54 30.2 | 15.6 N |  | B42 |
| C/2006 W3               | 2008 08 20.00535 | 04 01 11.87 | +68 54 32.1 | 15.5 N |  | B42 |
| C/2006 W3               | 2008 08 20.00782 | 04 01 11.73 | +68 54 34.2 | 15.6 N |  | B42 |
| C/2006 W3               | 2008 08 20.01042 | 04 01 11.58 | +68 54 36.0 | 15.6 N |  | B42 |
| C/2006 W3               | 2008 08 20.08835 | 04 01 07.64 | +68 55 36.8 | 14.1 N |  | J27 |
| C/2006 W3               | 2008 08 20.09359 | 04 01 07.37 | +68 55 41.2 | 14.0 N |  | J27 |
| C/2006 W3               | 2008 08 20.09959 | 04 01 07.03 | +68 55 45.8 | 14.0 N |  | J27 |
| C/2006 W3               | 2008 08 20.90493 | 04 00 22.40 | +69 06 11.8 | 13.8 N |  | J28 |
| C/2006 W3               | 2008 08 20.90917 | 04 00 22.17 | +69 06 14.6 | 13.9 N |  | J28 |
| C/2006 W3               | 2008 08 20.91444 | 04 00 21.77 | +69 06 18.5 | 13.9 N |  | J28 |
| C/2006 W3               | 2008 08 20.99776 | 04 00 17.14 | +69 07 24.6 | 13.7 N |  | J38 |
| C/2006 W3               | 2008 08 20.99958 | 04 00 17.02 | +69 07 26.0 | 13.7 N |  | J38 |
| C/2006 W3               | 2008 08 21.00314 | 04 00 16.83 | +69 07 28.9 | 13.7 N |  | J38 |
| C/2006 W3               | 2008 08 21.04291 | 04 00 14.50 | +69 08 00.5 | 13.4 T |  | 945 |
| C/2006 W3               | 2008 08 21.04480 | 04 00 14.39 | +69 08 01.9 | 13.5 T |  | 945 |
| C/2006 W3               | 2008 08 21.04704 | 04 00 14.27 | +69 08 03.6 | 13.5 T |  | 945 |
| C/2006 W3               | 2008 08 21.04816 | 04 00 14.21 | +69 08 04.6 | 13.5 T |  | 945 |
| C/2006 W3               | 2008 08 21.04916 | 04 00 14.15 | +69 08 05.3 | 13.5 T |  | 945 |
| C/2006 W3               | 2008 08 21.92506 | 03 59 22.19 | +69 19 31.6 | 13.8 N |  | 235 |
| C/2006 W3               | 2008 08 22.96735 | 03 58 15.98 | +69 33 12.0 | 13.6 N |  | J38 |
| C/2006 W3               | 2008 08 22.97027 | 03 58 15.80 | +69 33 14.4 | 13.6 N |  | J38 |
| C/2006 W3               | 2008 08 22.97173 | 03 58 15.69 | +69 33 15.5 | 13.6 N |  | J38 |
| C/2006 W3               | 2008 08 23.30301 | 03 57 53.64 | +69 37 38.7 | 15.2 N |  | H06 |
| C/2006 W3               | 2008 08 23.98883 | 03 57 06.45 | +69 46 41.1 | 13.7 T |  | 945 |
| C/2006 W3               | 2008 08 23.99073 | 03 57 06.29 | +69 46 42.6 | 13.7 T |  | 945 |
| C/2006 W3               | 2008 08 23.99179 | 03 57 06.35 | +69 46 43.6 | 13.5 N |  | J52 |
| C/2006 W3               | 2008 08 23.99185 | 03 57 06.21 | +69 46 43.3 | 13.7 T |  | 945 |
| C/2006 W3               | 2008 08 23.99313 | 03 57 06.13 | +69 46 44.3 | 13.7 T |  | 945 |
| C/2006 W3               | 2008 08 23.99429 | 03 57 06.07 | +69 46 45.5 | 13.7 T |  | 945 |
| C/2006 W3               | 2008 08 23.99623 | 03 57 06.02 | +69 46 47.0 | 13.5 N |  | J52 |
| C/2006 W3               | 2008 08 24.00066 | 03 57 05.71 | +69 46 50.7 | 13.5 N |  | J52 |
| C/2006 W3               | 2008 08 24.00227 | 03 57 05.56 | +69 46 51.6 | 13.8 N |  | J38 |
| C/2006 W3               | 2008 08 24.00407 | 03 57 05.42 | +69 46 53.0 | 13.8 N |  | J38 |
| C/2006 W3               | 2008 08 24.00768 | 03 57 05.17 | +69 46 56.0 | 13.8 N |  | J38 |
| C/2006 W3               | 2008 08 24.22780 | 03 56 49.44 | +69 49 52.0 | 14.5 N |  | H06 |
| C/2006 W3               | 2008 08 25.00223 | 03 55 52.77 | +70 00 07.0 | 13.6 N |  | J53 |
| C/2006 W3               | 2008 08 25.00749 | 03 55 52.37 | +70 00 11.2 | 13.6 N |  | J53 |

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M.P.C. 63775

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2006 W3 | 2008 08 25.00919 | 03 55 52.25 | +70 00 12.6 | 13.6 N | J53 |
| C/2006 W3 | 2008 08 26.08864 | 03 54 28.43 | +70 14 35.0 | 13.5 N | J51 |
| C/2006 W3 | 2008 08 26.09127 | 03 54 28.06 | +70 14 37.3 | 13.7 N | J51 |
| C/2006 W3 | 2008 08 26.09390 | 03 54 27.87 | +70 14 39.5 | 13.8 N | J51 |
| C/2006 W3 | 2008 08 26.09726 | 03 54 27.29 | +70 14 42.6 | 13.5 T | 945 |
| C/2006 W3 | 2008 08 26.09940 | 03 54 27.10 | +70 14 44.3 | 13.5 T | 945 |
| C/2006 W3 | 2008 08 26.10090 | 03 54 26.96 | +70 14 45.5 | 13.5 T | 945 |
| C/2006 W3 | 2008 08 26.10204 | 03 54 26.88 | +70 14 46.0 | 13.5 T | 945 |
| C/2006 W3 | 2008 08 26.10324 | 03 54 26.83 | +70 14 47.4 | 13.5 T | 945 |
| C/2006 W3 | 2008 08 27.14799 | 03 52 59.81 | +70 28 45.2 | 14.4 N | B40 |
| C/2006 W3 | 2008 08 27.39977 | 03 52 37.94 | +70 32 06.3 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 27.40112 | 03 52 37.85 | +70 32 07.6 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 27.40292 | 03 52 37.65 | +70 32 09.0 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 27.40387 | 03 52 37.58 | +70 32 09.7 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 27.40505 | 03 52 37.47 | +70 32 10.6 | 10.9 T | H45 |
| C/2006 W3 | 2008 08 27.40602 | 03 52 37.39 | +70 32 11.3 | 10.9 T | H45 |
| C/2006 W3 | 2008 08 27.91513 | 03 51 52.29 | +70 38 59.9 | 12.9 N | A97 |
| C/2006 W3 | 2008 08 27.92214 | 03 51 51.75 | +70 39 05.2 | 13.0 N | A97 |
| C/2006 W3 | 2008 08 27.92914 | 03 51 51.13 | +70 39 10.9 | 13.0 N | A97 |
| C/2006 W3 | 2008 08 27.93613 | 03 51 50.40 | +70 39 17.3 | 12.9 N | A97 |
| C/2006 W3 | 2008 08 28.02322 | 03 51 42.48 | +70 40 26.9 | 13.4 N | J53 |
| C/2006 W3 | 2008 08 28.02574 | 03 51 42.29 | +70 40 29.0 | 13.4 N | J53 |
| C/2006 W3 | 2008 08 28.02921 | 03 51 41.98 | +70 40 31.9 | 13.4 N | J53 |
| C/2006 W3 | 2008 08 28.03702 | 03 51 41.20 | +70 40 38.1 | 14.3 N | 215 |
| C/2006 W3 | 2008 08 28.03772 | 03 51 41.14 | +70 40 38.7 | 14.2 N | 215 |
| C/2006 W3 | 2008 08 28.03843 | 03 51 41.07 | +70 40 39.3 | 14.2 N | 215 |
| C/2006 W3 | 2008 08 28.08734 | 03 51 36.74 | +70 41 19.1 | 13.6 N | J51 |
| C/2006 W3 | 2008 08 28.09117 | 03 51 36.39 | +70 41 22.2 | 13.6 N | J51 |
| C/2006 W3 | 2008 08 28.09499 | 03 51 36.06 | +70 41 25.4 | 13.5 N | J51 |
| C/2006 W3 | 2008 08 28.39341 | 03 51 08.37 | +70 45 25.2 | 11.6 N | H45 |
| C/2006 W3 | 2008 08 28.39491 | 03 51 08.23 | +70 45 26.3 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 28.39610 | 03 51 08.13 | +70 45 27.3 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 28.39738 | 03 51 08.01 | +70 45 28.4 | 11.8 T | H45 |
| C/2006 W3 | 2008 08 28.39862 | 03 51 07.87 | +70 45 29.3 | 11.7 N | H45 |
| C/2006 W3 | 2008 08 28.39965 | 03 51 07.77 | +70 45 30.1 | 11.8 N | H45 |
| C/2006 W3 | 2008 08 29.96182 | 03 48 35.69 | +71 06 27.8 | 13.6 N | 232 |
| C/2006 W3 | 2008 08 29.96654 | 03 48 35.21 | +71 06 31.7 | 13.6 N | 232 |
| C/2006 W3 | 2008 08 29.97126 | 03 48 34.74 | +71 06 35.5 | 13.6 N | 232 |
| C/2006 W3 | 2008 08 30.04159 | 03 48 27.62 | +71 07 33.0 | 13.5 N | 939 |
| C/2006 W3 | 2008 08 30.04760 | 03 48 27.00 | +71 07 37.9 | 13.5 N | 939 |
| C/2006 W3 | 2008 08 30.05362 | 03 48 26.38 | +71 07 42.8 | 13.5 N | 939 |
| C/2006 W3 | 2008 08 30.98402 | 03 46 48.21 | +71 20 11.4 | 13.6 N | 213 |
| C/2006 W3 | 2008 08 30.98679 | 03 46 47.89 | +71 20 13.6 | 13.6 N | 213 |
| C/2006 W3 | 2008 08 30.98955 | 03 46 47.59 | +71 20 16.3 | 13.6 N | 213 |
| C/2006 W3 | 2008 09 02.08442 | 03 42 46.20 | +71 48 24.4 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.08494 | 03 42 46.13 | +71 48 24.8 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.08546 | 03 42 46.05 | +71 48 25.1 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.08640 | 03 42 45.95 | +71 48 25.8 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.08683 | 03 42 45.90 | +71 48 26.1 | 14.2 N | B37 |
| C/2006 W3 | 2008 09 02.10894 | 03 42 43.18 | +71 48 44.1 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.11700 | 03 42 42.17 | +71 48 50.8 | 14.0 N | B37 |
| C/2006 W3 | 2008 09 02.11757 | 03 42 42.12 | +71 48 51.0 | 14.1 N | B37 |
| C/2006 W3 | 2008 09 02.87696 | 03 41 07.32 | +71 58 59.6 | 14.0 N | 235 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2006 W3 | 2008 09 02.90679 | 03 41 03.41 | +71 59 23.2 | 13.4 N | J40 |
| C/2006 W3 | 2008 09 02.92996 | 03 41 00.45 | +71 59 42.0 | 13.3 N | J40 |
| C/2006 W3 | 2008 09 02.93453 | 03 40 59.87 | +71 59 45.7 | 13.3 N | J40 |
| C/2006 W3 | 2008 09 02.93975 | 03 40 59.23 | +71 59 49.8 | 13.3 N | J40 |
| C/2006 W3 | 2008 09 02.99488 | 03 40 52.18 | +72 00 34.9 | 13.2 N | J53 |
| C/2006 W3 | 2008 09 02.99787 | 03 40 51.80 | +72 00 37.2 | 13.2 N | J53 |
| C/2006 W3 | 2008 09 03.00475 | 03 40 50.90 | +72 00 42.9 | 13.2 N | J53 |
| C/2006 W3 | 2008 09 03.78337 | 03 39 08.29 | +72 11 07.3 |        | 349 |
| C/2006 W3 | 2008 09 03.78517 | 03 39 08.05 | +72 11 08.8 |        | 349 |
| C/2006 W3 | 2008 09 03.78696 | 03 39 07.82 | +72 11 10.4 | 12.4 T | 349 |
| C/2006 W3 | 2008 09 05.95546 | 03 33 58.98 | +72 39 52.3 | 13.4 N | 213 |
| C/2006 W3 | 2008 09 05.95799 | 03 33 58.61 | +72 39 53.9 | 13.4 N | 213 |
| C/2006 W3 | 2008 09 05.96052 | 03 33 58.24 | +72 39 56.9 | 13.4 N | 213 |
| C/2006 W3 | 2008 09 06.10028 | 03 33 36.81 | +72 41 47.0 | 13.5 N | B40 |
| C/2006 W3 | 2008 09 06.10126 | 03 33 36.68 | +72 41 50.0 | 13.5 N | B40 |
| C/2006 W3 | 2008 09 06.12426 | 03 33 33.11 | +72 42 07.9 | 13.6 N | B40 |
| C/2006 W3 | 2008 09 06.12544 | 03 33 32.90 | +72 42 09.0 | 13.5 N | B40 |
| C/2006 W3 | 2008 09 06.95179 | 03 31 24.47 | +72 52 57.4 | 12.9 N | A71 |
| C/2006 W3 | 2008 09 06.95601 | 03 31 23.81 | +72 53 00.8 | 12.9 N | A71 |
| C/2006 W3 | 2008 09 06.96023 | 03 31 23.14 | +72 53 04.2 | 12.9 N | A71 |
| C/2006 W3 | 2008 09 06.97304 | 03 31 21.18 | +72 53 14.4 | 13.7 N | B40 |
| C/2006 W3 | 2008 09 07.01796 | 03 31 13.94 | +72 53 48.9 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.01941 | 03 31 13.69 | +72 53 50.0 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.02086 | 03 31 13.46 | +72 53 51.1 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.70082 | 03 29 22.78 | +73 02 43.2 | 12.2 T | 349 |
| C/2006 W3 | 2008 09 07.70226 | 03 29 22.57 | +73 02 44.4 |        | 349 |
| C/2006 W3 | 2008 09 07.70369 | 03 29 22.31 | +73 02 45.3 |        | 349 |
| C/2006 W3 | 2008 09 07.98888 | 03 28 34.88 | +73 06 25.8 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.99179 | 03 28 34.54 | +73 06 28.7 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.99322 | 03 28 34.16 | +73 06 29.5 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 07.99720 | 03 28 33.42 | +73 06 32.7 | 13.4 T | 945 |
| C/2006 W3 | 2008 09 07.99918 | 03 28 33.12 | +73 06 33.9 | 13.5 T | 945 |
| C/2006 W3 | 2008 09 08.00044 | 03 28 32.85 | +73 06 35.2 | 13.5 T | 945 |
| C/2006 W3 | 2008 09 08.00263 | 03 28 32.48 | +73 06 37.1 | 13.4 T | 945 |
| C/2006 W3 | 2008 09 08.00502 | 03 28 32.01 | +73 06 38.8 | 13.4 T | 945 |
| C/2006 W3 | 2008 09 08.71337 | 03 26 30.75 | +73 15 47.5 |        | 367 |
| C/2006 W3 | 2008 09 08.71476 | 03 26 30.54 | +73 15 48.8 |        | 367 |
| C/2006 W3 | 2008 09 08.71615 | 03 26 30.25 | +73 15 49.7 | 12.6 T | 367 |
| C/2006 W3 | 2008 09 08.73866 | 03 26 26.26 | +73 16 06.8 | 14.7 N | 900 |
| C/2006 W3 | 2008 09 08.74311 | 03 26 25.48 | +73 16 10.3 |        | 900 |
| C/2006 W3 | 2008 09 08.83817 | 03 26 09.04 | +73 17 20.5 | 13.7 N | B20 |
| C/2006 W3 | 2008 09 08.84244 | 03 26 08.27 | +73 17 24.2 | 13.6 N | B20 |
| C/2006 W3 | 2008 09 08.84529 | 03 26 07.84 | +73 17 26.3 | 13.7 N | B20 |
| C/2006 W3 | 2008 09 09.07037 | 03 25 27.77 | +73 20 21.6 | 13.5 N | 945 |
| C/2006 W3 | 2008 09 09.07184 | 03 25 27.42 | +73 20 23.1 | 13.5 N | 945 |
| C/2006 W3 | 2008 09 09.07319 | 03 25 27.24 | +73 20 24.0 | 13.5 N | 945 |
| C/2006 W3 | 2008 09 09.07439 | 03 25 27.01 | +73 20 25.1 | 13.5 N | 945 |
| C/2006 W3 | 2008 09 09.07561 | 03 25 26.75 | +73 20 25.6 | 13.5 N | 945 |
| C/2006 W3 | 2008 09 09.64128 | 03 23 45.12 | +73 27 37.0 |        | D88 |
| C/2006 W3 | 2008 09 09.64308 | 03 23 44.80 | +73 27 39.1 |        | D88 |
| C/2006 W3 | 2008 09 09.64487 | 03 23 44.52 | +73 27 40.3 | 12.9 T | D88 |
| C/2006 W3 | 2008 09 13.85666 | 03 09 29.08 | +74 19 20.1 | 13.5 N | J40 |
| C/2006 W3 | 2008 09 13.86349 | 03 09 27.59 | +74 19 24.7 | 13.7 N | J40 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2006 W3 | 2008 09 13.87922 | 03 09 24.05 | +74 19 35.7 | 13.6 N | J40 |
| C/2006 W3 | 2008 09 13.89617 | 03 09 20.28 | +74 19 48.1 | 13.7 N | J40 |
| C/2006 W3 | 2008 09 14.02649 | 03 08 50.62 | +74 21 21.0 | 14.3 N | B65 |
| C/2006 W3 | 2008 09 14.02970 | 03 08 49.91 | +74 21 23.0 | 14.2 N | B65 |
| C/2006 W3 | 2008 09 14.03288 | 03 08 49.20 | +74 21 25.1 | 14.2 N | B65 |
| C/2006 W3 | 2008 09 14.03606 | 03 08 48.49 | +74 21 27.6 | 13.9 N | B65 |
| C/2006 W3 | 2008 09 14.03925 | 03 08 47.68 | +74 21 29.6 | 14.3 N | B65 |
| C/2006 W3 | 2008 09 14.80829 | 03 05 51.00 | +74 30 24.3 | 13.4 N | B20 |
| C/2006 W3 | 2008 09 14.80975 | 03 05 50.69 | +74 30 24.8 | 13.5 N | B20 |
| C/2006 W3 | 2008 09 14.81120 | 03 05 50.29 | +74 30 25.8 | 13.5 N | B20 |
| C/2006 W3 | 2008 09 14.95785 | 03 05 15.81 | +74 32 08.4 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 14.95966 | 03 05 15.41 | +74 32 09.6 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 14.96147 | 03 05 14.96 | +74 32 10.8 | 13.4 N | J38 |
| C/2006 W3 | 2008 09 14.99315 | 03 05 07.29 | +74 32 33.0 | 13.4 N | 945 |
| C/2006 W3 | 2008 09 14.99443 | 03 05 07.01 | +74 32 33.9 | 13.4 N | 945 |
| C/2006 W3 | 2008 09 14.99576 | 03 05 06.66 | +74 32 35.0 | 13.4 N | 945 |
| C/2006 W3 | 2008 09 14.99789 | 03 05 06.16 | +74 32 36.4 | 13.4 N | 945 |
| C/2006 W3 | 2008 09 14.99924 | 03 05 05.84 | +74 32 37.3 | 13.4 N | 945 |

**C/2007 G1 (LINEAR)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 G1 | 2008 08 20.95521 | 15 20 11.39 | -36 55 49.1 | 16.1 N | I32 |
| C/2007 G1 | 2008 08 20.95666 | 15 20 11.33 | -36 55 49.2 | 16.0 N | I32 |
| C/2007 G1 | 2008 08 20.96007 | 15 20 11.27 | -36 55 51.5 | 16.0 N | I32 |
| C/2007 G1 | 2008 08 24.97572 | 15 18 34.73 | -37 37 48.8 | 15.7 N | I32 |
| C/2007 G1 | 2008 08 24.98041 | 15 18 34.71 | -37 37 50.2 | 15.8 N | I32 |
| C/2007 G1 | 2008 08 24.98293 | 15 18 34.59 | -37 37 54.0 | 15.8 N | I32 |

**C/2007 JA<sub>21</sub> (LINEAR)**

|                         |                  |             |             |        |       |
|-------------------------|------------------|-------------|-------------|--------|-------|
| C/2007 JA <sub>21</sub> | 2007 06 20.17173 | 16 47 03.43 | +50 10 40.5 | 18.8 T | 699   |
| C/2007 JA <sub>21</sub> | 2007 06 20.19403 | 16 47 01.68 | +50 10 28.3 |        | 699   |
| C/2007 JA <sub>21</sub> | 2007 06 20.21670 | 16 46 59.94 | +50 10 14.3 |        | 699   |
| C/2007 JA <sub>21</sub> | 2007 06 20.23942 | 16 46 58.43 | +50 10 03.7 |        | 699   |
| C/2007 JA <sub>21</sub> | 2008 08 16.90207 | 16 00 46.28 | +07 37 42.7 | 20.7 N | B37   |
| C/2007 JA <sub>21</sub> | 2008 08 16.90505 | 16 00 46.26 | +07 37 39.3 | 20.6 N | B37   |
| C/2007 JA <sub>21</sub> | 2008 08 21.90363 | 16 00 27.22 | +06 59 23.1 | 18.9 N | 3 204 |

**C/2007 K1 (Lemmon)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 K1 | 2008 08 20.83415 | 16 34 06.30 | +45 39 21.8 | 20 T   | 461 |
| C/2007 K1 | 2008 08 20.84882 | 16 34 06.04 | +45 39 18.3 |        | 461 |
| C/2007 K1 | 2008 08 24.82139 | 16 33 02.11 | +45 25 16.1 | 20.5 T | 461 |
| C/2007 K1 | 2008 08 24.83019 | 16 33 02.00 | +45 25 14.4 |        | 461 |

**C/2007 K3 (Siding Spring)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 K3 | 2008 08 24.83267 | 22 12 57.53 | +16 28 43.8 | 19.4 T | 215 |
| C/2007 K3 | 2008 08 24.87351 | 22 12 56.02 | +16 28 43.1 | 18.9 N | 235 |
| C/2007 K3 | 2008 08 27.28918 | 22 11 40.30 | +16 23 38.8 | 18.5 N | H45 |
| C/2007 K3 | 2008 08 27.29073 | 22 11 40.29 | +16 23 38.5 | 18.5 N | H45 |
| C/2007 K3 | 2008 08 27.29221 | 22 11 40.25 | +16 23 38.5 | 18.6 N | H45 |
| C/2007 K3 | 2008 08 27.29649 | 22 11 40.20 | +16 23 38.4 | 18.5 N | H45 |
| C/2007 K3 | 2008 08 27.29803 | 22 11 40.17 | +16 23 38.4 | 18.5 N | H45 |
| C/2007 K3 | 2008 08 27.96706 | 22 11 19.76 | +16 22 04.8 | 19.7 T | 215 |
| C/2007 K3 | 2008 08 28.10099 | 22 11 15.52 | +16 21 45.5 | 19.6 N | 204 |
| C/2007 K3 | 2008 08 30.05273 | 22 10 16.85 | +16 16 15.5 | 20.4 N | B37 |
| C/2007 K3 | 2008 08 30.05439 | 22 10 16.84 | +16 16 16.8 | 19.8 N | B37 |
| C/2007 K3 | 2008 08 30.05575 | 22 10 16.80 | +16 16 17.2 | 20.5 N | B37 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 K3 | 2008 09 01.00153 | 22 09 20.42 | +16 09 59.4 | 20.0 N | J47 |
| C/2007 K3 | 2008 09 01.00690 | 22 09 20.27 | +16 09 58.2 | 20.3 N | J47 |
| C/2007 K3 | 2008 09 01.00869 | 22 09 20.19 | +16 09 57.7 | 20.1 N | J47 |
| C/2007 K3 | 2008 09 01.01048 | 22 09 20.16 | +16 09 58.3 | 20.2 N | J47 |
| C/2007 K3 | 2008 09 04.93256 | 22 07 33.25 | +15 54 50.8 | 19.4 N | B37 |
| C/2007 K3 | 2008 09 04.93266 | 22 07 33.21 | +15 54 50.9 | 19.5 N | B37 |
| C/2007 K3 | 2008 09 04.93395 | 22 07 33.14 | +15 54 51.0 | 19.4 N | B37 |
| C/2007 K3 | 2008 09 05.93061 | 22 07 07.87 | +15 50 34.2 | 19.0 N | B37 |
| C/2007 K3 | 2008 09 05.93412 | 22 07 07.68 | +15 50 30.4 | 19.3 N | B37 |
| C/2007 K3 | 2008 09 05.93902 | 22 07 07.57 | +15 50 29.4 | 19.4 N | B37 |
| C/2007 K3 | 2008 09 05.94709 | 22 07 07.27 | +15 50 26.6 | 19.4 N | B37 |
| C/2007 K3 | 2008 09 08.94742 | 22 05 55.84 | +15 36 27.8 | 20.1 N | 130 |
| C/2007 K3 | 2008 09 08.95965 | 22 05 55.49 | +15 36 24.1 | 20.3 N | 130 |

**C/2007 M1 (McNaught)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 M1 | 2008 08 03.94790 | 18 24 20.90 | +11 07 16.2 | 18.5 T | 204 |
| C/2007 M1 | 2008 08 03.96064 | 18 24 20.33 | +11 07 15.0 |        | 204 |
| C/2007 M1 | 2008 08 22.87544 | 18 11 40.69 | +10 28 52.8 | 20 T   | 461 |
| C/2007 M1 | 2008 08 22.88284 | 18 11 40.42 | +10 28 51.4 |        | 461 |
| C/2007 M1 | 2008 08 24.84299 | 18 10 33.82 | +10 23 58.4 | 19.5 T | 461 |
| C/2007 M1 | 2008 08 24.85179 | 18 10 33.56 | +10 23 57.7 |        | 461 |
| C/2007 M1 | 2008 08 24.91903 | 18 10 31.33 | +10 23 47.4 | 18.9 N | 204 |
| C/2007 M1 | 2008 08 29.90179 | 18 07 53.16 | +10 10 47.3 | 18.0 N | 204 |

**C/2007 N3 (Lulin)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 N3 | 2008 07 26.54063 | 19 36 33.54 | -19 49 45.6 | 13.7 N | 372 |
| C/2007 N3 | 2008 07 27.66076 | 19 32 05.05 | -19 59 27.1 | 13.6 N | 372 |
| C/2007 N3 | 2008 07 30.55278 | 19 20 24.02 | -20 22 48.1 | 12.2 N | 372 |
| C/2007 N3 | 2008 08 03.63649 | 19 03 43.65 | -20 51 07.0 | 12.3 N | 372 |
| C/2007 N3 | 2008 08 06.04534 | 18 53 55.61 | -21 04 54.6 |        | 834 |
| C/2007 N3 | 2008 08 06.06108 | 18 53 51.73 | -21 04 59.6 |        | 834 |
| C/2007 N3 | 2008 08 06.07488 | 18 53 48.31 | -21 05 04.3 |        | 834 |
| C/2007 N3 | 2008 08 08.21657 | 18 45 10.26 | -21 15 32.9 |        | 834 |
| C/2007 N3 | 2008 08 08.21937 | 18 45 09.58 | -21 15 33.9 |        | 834 |
| C/2007 N3 | 2008 08 09.21941 | 18 41 10.28 | -21 19 52.3 |        | 834 |
| C/2007 N3 | 2008 08 09.23772 | 18 41 05.89 | -21 19 56.4 |        | 834 |
| C/2007 N3 | 2008 08 18.89946 | 18 04 47.02 | -21 43 29.1 | 13.3 N | 232 |
| C/2007 N3 | 2008 08 18.90705 | 18 04 45.46 | -21 43 29.3 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 18.90916 | 18 04 44.96 | -21 43 29.7 | 13.2 N | 232 |
| C/2007 N3 | 2008 08 18.91007 | 18 04 44.81 | -21 43 29.2 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 18.91209 | 18 04 44.37 | -21 43 29.6 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 18.91513 | 18 04 43.72 | -21 43 29.6 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 18.91885 | 18 04 42.91 | -21 43 30.1 | 13.2 N | 232 |
| C/2007 N3 | 2008 08 19.80784 | 18 01 38.07 | -21 44 10.2 | 14.0 N | B42 |
| C/2007 N3 | 2008 08 19.81124 | 18 01 37.30 | -21 44 10.9 | 14.7 N | B42 |
| C/2007 N3 | 2008 08 19.82800 | 18 01 33.89 | -21 44 12.0 | 12.8 N | A81 |
| C/2007 N3 | 2008 08 19.83327 | 18 01 32.81 | -21 44 12.3 | 12.8 N | A81 |
| C/2007 N3 | 2008 08 19.83752 | 18 01 31.93 | -21 44 12.7 | 13.4 N | 235 |
| C/2007 N3 | 2008 08 19.84711 | 18 01 30.03 | -21 44 12.7 | 12.8 N | 232 |
| C/2007 N3 | 2008 08 19.85002 | 18 01 29.36 | -21 44 12.8 | 12.9 N | 232 |
| C/2007 N3 | 2008 08 19.88549 | 18 01 22.01 | -21 44 13.9 | 12.8 N | J53 |
| C/2007 N3 | 2008 08 19.89201 | 18 01 20.66 | -21 44 14.1 | 12.7 N | J53 |
| C/2007 N3 | 2008 08 19.89365 | 18 01 20.31 | -21 44 14.2 | 12.7 N | J53 |
| C/2007 N3 | 2008 08 19.89942 | 18 01 19.11 | -21 44 14.5 | 12.9 N | 232 |

2008 SEPT. 17

M.P.C. 63777

|           |                  |             |             |        |       |
|-----------|------------------|-------------|-------------|--------|-------|
| C/2007 N3 | 2008 08 20.10658 | 18 00 36.56 | -21 44 22.2 | 14.2 N | 750   |
| C/2007 N3 | 2008 08 20.12509 | 18 00 32.76 | -21 44 22.7 | 13.9 N | 750   |
| C/2007 N3 | 2008 08 20.13761 | 18 00 30.16 | -21 44 23.5 | 14.1 N | 750   |
| C/2007 N3 | 2008 08 20.86079 | 17 58 03.00 | -21 44 43.1 | 12.8 N | J47   |
| C/2007 N3 | 2008 08 20.86692 | 17 58 01.74 | -21 44 43.3 | 12.9 N | J47   |
| C/2007 N3 | 2008 08 20.86715 | 17 58 01.69 | -21 44 43.3 | 13.2 N | J47   |
| C/2007 N3 | 2008 08 20.87214 | 17 58 00.66 | -21 44 43.4 | 12.0 N | J47   |
| C/2007 N3 | 2008 08 20.89472 | 17 57 55.98 | -21 44 44.7 | 12.8 T | 945   |
| C/2007 N3 | 2008 08 20.89612 | 17 57 55.70 | -21 44 44.8 | 12.7 T | 945   |
| C/2007 N3 | 2008 08 20.89700 | 17 57 55.54 | -21 44 44.9 | 12.7 T | 945   |
| C/2007 N3 | 2008 08 20.89799 | 17 57 55.36 | -21 44 44.7 | 12.7 T | 945   |
| C/2007 N3 | 2008 08 20.89895 | 17 57 55.12 | -21 44 44.7 | 12.7 T | 945   |
| C/2007 N3 | 2008 08 22.83668 | 17 51 31.10 | -21 45 00.0 | 13.8 N | 235   |
| C/2007 N3 | 2008 08 23.87470 | 17 48 11.56 | -21 44 47.1 | 12.1 N | 1 204 |
| C/2007 N3 | 2008 08 23.88035 | 17 48 10.51 | -21 44 46.7 |        | 1 204 |
| C/2007 N3 | 2008 08 23.90421 | 17 48 05.94 | -21 44 46.6 | 13.3 N | J53   |
| C/2007 N3 | 2008 08 23.90850 | 17 48 05.12 | -21 44 46.7 | 13.3 N | J53   |
| C/2007 N3 | 2008 08 23.91339 | 17 48 04.18 | -21 44 46.5 | 13.2 N | J53   |
| C/2007 N3 | 2008 08 23.91406 | 17 48 04.11 | -21 44 46.6 | 13.4 N | J38   |
| C/2007 N3 | 2008 08 23.91479 | 17 48 03.99 | -21 44 46.6 | 13.4 N | J38   |
| C/2007 N3 | 2008 08 23.91626 | 17 48 03.72 | -21 44 46.7 | 13.4 N | J38   |
| C/2007 N3 | 2008 08 23.95425 | 17 47 56.38 | -21 44 45.2 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 23.95520 | 17 47 56.25 | -21 44 45.2 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 23.95612 | 17 47 56.08 | -21 44 45.2 | 13.5 T | 945   |
| C/2007 N3 | 2008 08 23.95711 | 17 47 55.86 | -21 44 45.7 | 13.5 T | 945   |
| C/2007 N3 | 2008 08 23.95832 | 17 47 55.68 | -21 44 45.4 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 24.82288 | 17 45 13.36 | -21 44 24.4 | 13.9 N | 235   |
| C/2007 N3 | 2008 08 24.83919 | 17 45 10.27 | -21 44 24.3 |        | B66   |
| C/2007 N3 | 2008 08 24.84807 | 17 45 08.61 | -21 44 23.9 |        | B66   |
| C/2007 N3 | 2008 08 24.90106 | 17 44 58.77 | -21 44 21.8 | 13.5 N | J47   |
| C/2007 N3 | 2008 08 24.90374 | 17 44 58.27 | -21 44 21.8 | 13.5 N | J47   |
| C/2007 N3 | 2008 08 24.90627 | 17 44 57.80 | -21 44 21.4 | 13.6 N | J47   |
| C/2007 N3 | 2008 08 24.90905 | 17 44 57.27 | -21 44 21.6 | 13.5 N | J47   |
| C/2007 N3 | 2008 08 24.91147 | 17 44 56.82 | -21 44 21.2 | 13.5 N | J47   |
| C/2007 N3 | 2008 08 25.02244 | 17 44 36.33 | -21 44 13.0 | 14.3 N | I32   |
| C/2007 N3 | 2008 08 25.02424 | 17 44 35.95 | -21 44 12.8 | 14.3 N | I32   |
| C/2007 N3 | 2008 08 25.02785 | 17 44 35.27 | -21 44 13.1 | 14.3 N | I32   |
| C/2007 N3 | 2008 08 25.03148 | 17 44 34.63 | -21 44 13.1 | 14.2 N | I32   |
| C/2007 N3 | 2008 08 25.11527 | 17 44 19.15 | -21 44 15.6 | 13.4 T | 750   |
| C/2007 N3 | 2008 08 25.89122 | 17 41 56.94 | -21 43 46.0 | 13.3 N | J53   |
| C/2007 N3 | 2008 08 25.89203 | 17 41 56.79 | -21 43 45.9 | 13.3 N | J53   |
| C/2007 N3 | 2008 08 25.90183 | 17 41 55.00 | -21 43 45.3 | 13.2 N | J53   |
| C/2007 N3 | 2008 08 25.90728 | 17 41 54.07 | -21 43 43.4 | 13.5 N | J47   |
| C/2007 N3 | 2008 08 25.90971 | 17 41 53.62 | -21 43 43.6 | 13.7 N | J47   |
| C/2007 N3 | 2008 08 25.91089 | 17 41 53.38 | -21 43 44.2 | 13.6 N | J47   |
| C/2007 N3 | 2008 08 25.91558 | 17 41 52.55 | -21 43 44.3 | 12.7 N | J47   |
| C/2007 N3 | 2008 08 25.95969 | 17 41 44.43 | -21 43 43.0 | 13.2 T | 945   |
| C/2007 N3 | 2008 08 25.96069 | 17 41 44.21 | -21 43 42.3 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 25.96218 | 17 41 44.06 | -21 43 42.2 | 13.2 T | 945   |
| C/2007 N3 | 2008 08 25.96311 | 17 41 43.89 | -21 43 42.0 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 25.96396 | 17 41 43.62 | -21 43 43.2 | 13.4 T | 945   |
| C/2007 N3 | 2008 08 26.53273 | 17 40 01.42 | -21 43 12.4 | 13.3 T | 322   |
| C/2007 N3 | 2008 08 26.53579 | 17 40 00.86 | -21 43 11.8 | 13.6 T | 322   |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 N3 | 2008 08 26.63209 | 17 39 43.58 | -21 43 06.6 | 13.3 T | 322 |
| C/2007 N3 | 2008 08 26.87305 | 17 39 00.82 | -21 42 59.5 | 13.8 N | 213 |
| C/2007 N3 | 2008 08 26.87429 | 17 39 00.53 | -21 42 59.8 | 13.8 N | 213 |
| C/2007 N3 | 2008 08 26.87736 | 17 39 00.01 | -21 43 00.1 | 13.8 N | 213 |
| C/2007 N3 | 2008 08 27.09348 | 17 38 21.82 | -21 42 48.7 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 27.10168 | 17 38 20.36 | -21 42 48.2 | 12.6 N | H47 |
| C/2007 N3 | 2008 08 27.10934 | 17 38 18.97 | -21 42 47.9 | 12.7 N | H47 |
| C/2007 N3 | 2008 08 27.82201 | 17 36 14.49 | -21 42 07.3 | 13.8 N | B20 |
| C/2007 N3 | 2008 08 27.82367 | 17 36 14.20 | -21 42 07.1 | 13.7 N | B20 |
| C/2007 N3 | 2008 08 27.82589 | 17 36 13.81 | -21 42 07.0 | 13.8 N | B20 |
| C/2007 N3 | 2008 08 27.85856 | 17 36 08.10 | -21 42 04.6 | 13.8 T | 215 |
| C/2007 N3 | 2008 08 27.85926 | 17 36 07.98 | -21 42 04.5 | 13.8 T | 215 |
| C/2007 N3 | 2008 08 27.85996 | 17 36 07.86 | -21 42 04.5 | 14.0 T | 215 |
| C/2007 N3 | 2008 08 27.89362 | 17 36 02.05 | -21 42 02.1 | 13.4 N | J51 |
| C/2007 N3 | 2008 08 27.89775 | 17 36 01.33 | -21 42 01.9 | 13.5 N | J51 |
| C/2007 N3 | 2008 08 27.90188 | 17 36 00.61 | -21 42 01.7 | 13.4 N | J51 |
| C/2007 N3 | 2008 08 27.91439 | 17 35 58.36 | -21 42 00.8 | 13.5 N | J53 |
| C/2007 N3 | 2008 08 27.91888 | 17 35 57.60 | -21 42 00.5 | 13.5 N | J53 |
| C/2007 N3 | 2008 08 27.92030 | 17 35 57.34 | -21 42 00.5 | 13.5 N | J53 |
| C/2007 N3 | 2008 08 28.09468 | 17 35 27.31 | -21 41 50.3 | 12.4 N | H47 |
| C/2007 N3 | 2008 08 28.10108 | 17 35 26.20 | -21 41 49.7 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 28.10770 | 17 35 25.05 | -21 41 49.5 | 12.6 N | H47 |
| C/2007 N3 | 2008 08 28.89082 | 17 33 11.65 | -21 40 57.2 | 13.4 N | J47 |
| C/2007 N3 | 2008 08 28.90064 | 17 33 09.95 | -21 40 56.3 | 13.6 N | J47 |
| C/2007 N3 | 2008 08 28.90849 | 17 33 08.61 | -21 40 55.6 | 13.6 N | J47 |
| C/2007 N3 | 2008 08 29.11915 | 17 32 33.18 | -21 40 41.0 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 29.12744 | 17 32 31.76 | -21 40 40.1 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 29.13625 | 17 32 30.28 | -21 40 39.5 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 29.84200 | 17 30 33.08 | -21 39 47.7 | 13.4 N | 213 |
| C/2007 N3 | 2008 08 29.84396 | 17 30 32.76 | -21 39 47.6 | 13.4 N | 213 |
| C/2007 N3 | 2008 08 29.84655 | 17 30 32.33 | -21 39 47.4 | 13.4 N | 213 |
| C/2007 N3 | 2008 08 29.87749 | 17 30 27.25 | -21 39 44.5 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 29.87794 | 17 30 27.18 | -21 39 44.5 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 29.88125 | 17 30 26.63 | -21 39 44.2 | 13.4 N | J47 |
| C/2007 N3 | 2008 08 29.88551 | 17 30 25.93 | -21 39 43.6 | 12.6 N | J47 |
| C/2007 N3 | 2008 08 30.08354 | 17 29 53.42 | -21 39 28.8 | 12.6 N | H47 |
| C/2007 N3 | 2008 08 30.09625 | 17 29 51.33 | -21 39 28.1 | 12.4 N | H47 |
| C/2007 N3 | 2008 08 30.10928 | 17 29 49.18 | -21 39 26.7 | 12.4 N | H47 |
| C/2007 N3 | 2008 08 31.11225 | 17 27 07.30 | -21 38 03.8 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 31.12412 | 17 27 05.42 | -21 38 02.5 | 12.1 N | H47 |
| C/2007 N3 | 2008 08 31.13386 | 17 27 03.87 | -21 38 02.0 | 12.5 N | H47 |
| C/2007 N3 | 2008 08 31.54174 | 17 25 59.25 | -21 37 25.6 |        | 900 |
| C/2007 N3 | 2008 08 31.54598 | 17 25 58.58 | -21 37 25.2 | 14.5 N | 900 |
| C/2007 N3 | 2008 08 31.88633 | 17 25 05.39 | -21 36 55.0 | 13.0 N | J47 |
| C/2007 N3 | 2008 08 31.88899 | 17 25 04.97 | -21 36 54.8 | 13.1 N | J47 |
| C/2007 N3 | 2008 08 31.89166 | 17 25 04.59 | -21 36 54.6 | 13.0 N | J47 |
| C/2007 N3 | 2008 08 31.89520 | 17 25 03.98 | -21 36 54.6 | 13.0 N | J47 |
| C/2007 N3 | 2008 08 31.89789 | 17 25 03.54 | -21 36 53.9 | 13.1 N | J47 |
| C/2007 N3 | 2008 09 01.81134 | 17 22 42.79 | -21 35 29.5 | 12.8 N | 585 |
| C/2007 N3 | 2008 09 01.81436 | 17 22 42.42 | -21 35 28.9 | 12.9 N | 585 |
| C/2007 N3 | 2008 09 01.81664 | 17 22 41.99 | -21 35 28.3 | 12.7 N | 585 |
| C/2007 N3 | 2008 09 01.81742 | 17 22 41.88 | -21 35 28.5 | 12.7 N | 585 |
| C/2007 N3 | 2008 09 01.81973 | 17 22 41.49 | -21 35 28.9 | 12.8 N | 585 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 N3 | 2008 09 01.84536 | 17 22 37.68 | -21 35 26.5 | 14.4 N | 458 |
| C/2007 N3 | 2008 09 01.84980 | 17 22 36.98 | -21 35 25.7 | 14.4 N | 458 |
| C/2007 N3 | 2008 09 01.88101 | 17 22 32.29 | -21 35 22.6 | 13.4 N | J47 |
| C/2007 N3 | 2008 09 01.88249 | 17 22 32.02 | -21 35 22.1 | 13.4 N | J47 |
| C/2007 N3 | 2008 09 01.88851 | 17 22 31.15 | -21 35 21.6 | 13.2 N | J47 |
| C/2007 N3 | 2008 09 01.89273 | 17 22 30.51 | -21 35 20.9 | 13.4 N | J47 |
| C/2007 N3 | 2008 09 01.89329 | 17 22 30.35 | -21 35 21.0 | 13.1 N | J53 |
| C/2007 N3 | 2008 09 01.89472 | 17 22 30.12 | -21 35 20.9 | 13.2 N | J53 |
| C/2007 N3 | 2008 09 01.89716 | 17 22 29.75 | -21 35 20.6 | 13.2 N | J53 |
| C/2007 N3 | 2008 09 01.89726 | 17 22 29.82 | -21 35 20.8 | 13.2 N | J47 |
| C/2007 N3 | 2008 09 02.81067 | 17 20 12.95 | -21 33 51.0 | 14.0 N | 235 |
| C/2007 N3 | 2008 09 02.81904 | 17 20 11.72 | -21 33 50.2 | 12.4 N | A71 |
| C/2007 N3 | 2008 09 02.82186 | 17 20 11.29 | -21 33 49.9 | 12.4 N | A71 |
| C/2007 N3 | 2008 09 02.85061 | 17 20 06.99 | -21 33 46.4 | 13.3 N | J79 |
| C/2007 N3 | 2008 09 02.85205 | 17 20 06.77 | -21 33 46.3 | 13.4 N | J79 |
| C/2007 N3 | 2008 09 02.85359 | 17 20 06.55 | -21 33 46.4 | 13.3 N | J79 |
| C/2007 N3 | 2008 09 02.88135 | 17 20 02.42 | -21 33 43.4 | 13.0 N | J53 |
| C/2007 N3 | 2008 09 02.88788 | 17 20 01.44 | -21 33 42.5 | 13.1 N | J53 |
| C/2007 N3 | 2008 09 02.89034 | 17 20 01.08 | -21 33 42.2 | 13.0 N | J53 |
| C/2007 N3 | 2008 09 04.81332 | 17 15 24.87 | -21 30 20.9 | 13.3 N | 213 |
| C/2007 N3 | 2008 09 04.81560 | 17 15 24.53 | -21 30 20.1 | 13.2 N | 213 |
| C/2007 N3 | 2008 09 04.81787 | 17 15 24.22 | -21 30 19.9 | 13.3 N | 213 |
| C/2007 N3 | 2008 09 06.48029 | 17 11 37.37 | -21 27 13.8 |        | 900 |
| C/2007 N3 | 2008 09 06.48648 | 17 11 36.54 | -21 27 13.1 | 14.3 N | 900 |
| C/2007 N3 | 2008 09 06.62675 | 17 11 17.90 | -21 26 52.0 | 14.6 N | D25 |
| C/2007 N3 | 2008 09 06.88292 | 17 10 44.08 | -21 26 27.8 | 13.4 N | J79 |
| C/2007 N3 | 2008 09 06.88435 | 17 10 43.89 | -21 26 27.4 | 13.4 N | J79 |
| C/2007 N3 | 2008 09 06.88507 | 17 10 43.81 | -21 26 27.7 | 13.4 N | J79 |
| C/2007 N3 | 2008 09 08.79618 | 17 06 39.53 | -21 22 44.4 | 13.4 N | B20 |
| C/2007 N3 | 2008 09 08.79764 | 17 06 39.35 | -21 22 44.3 | 13.4 N | B20 |
| C/2007 N3 | 2008 09 08.79837 | 17 06 39.26 | -21 22 44.4 | 13.3 N | B20 |
| C/2007 N3 | 2008 09 08.86955 | 17 06 30.32 | -21 22 35.1 | 13.1 N | 945 |
| C/2007 N3 | 2008 09 08.87160 | 17 06 30.08 | -21 22 34.9 | 13.1 N | 945 |
| C/2007 N3 | 2008 09 08.87278 | 17 06 29.94 | -21 22 35.5 | 13.1 N | 945 |
| C/2007 N3 | 2008 09 08.87508 | 17 06 29.65 | -21 22 34.4 | 13.1 N | 945 |
| C/2007 N3 | 2008 09 08.87633 | 17 06 29.50 | -21 22 35.2 | 13.1 N | 945 |
| C/2007 N3 | 2008 09 09.97063 | 17 04 16.25 | -21 20 19.2 | 13.9 N | I32 |
| C/2007 N3 | 2008 09 09.97211 | 17 04 16.08 | -21 20 19.2 | 14.1 N | I32 |
| C/2007 N3 | 2008 09 09.97471 | 17 04 15.77 | -21 20 18.5 | 14.0 N | I32 |
| C/2007 N3 | 2008 09 09.97657 | 17 04 15.56 | -21 20 18.4 | 13.9 N | I32 |
| C/2007 N3 | 2008 09 11.06652 | 17 02 07.09 | -21 18 11.4 | 12.9 N | H47 |
| C/2007 N3 | 2008 09 11.07684 | 17 02 05.89 | -21 18 10.5 | 13.1 N | H47 |
| C/2007 N3 | 2008 09 11.08699 | 17 02 04.70 | -21 18 08.8 | 12.9 N | H47 |
| C/2007 N3 | 2008 09 11.44339 | 17 01 23.71 | -21 17 25.8 |        | 900 |
| C/2007 N3 | 2008 09 11.44957 | 17 01 22.99 | -21 17 25.0 | 14.1 N | 900 |
| C/2007 N3 | 2008 09 11.87039 | 17 00 35.14 | -21 16 34.2 | 13.3 N | J38 |
| C/2007 N3 | 2008 09 11.87148 | 17 00 35.02 | -21 16 34.2 | 13.4 N | J38 |
| C/2007 N3 | 2008 09 11.87257 | 17 00 34.87 | -21 16 34.0 | 13.4 N | J38 |
| C/2007 N3 | 2008 09 13.84107 | 16 56 59.41 | -21 12 34.4 | 13.3 N | J47 |
| C/2007 N3 | 2008 09 13.85429 | 16 56 57.93 | -21 12 32.7 | 13.2 N | J47 |
| C/2007 N3 | 2008 09 13.85845 | 16 56 57.51 | -21 12 32.4 | 13.2 N | J47 |
| C/2007 N3 | 2008 09 13.86498 | 16 56 56.81 | -21 12 31.6 | 13.3 N | J47 |
| C/2007 N3 | 2008 09 14.84476 | 16 55 14.58 | -21 10 33.8 | 13.1 N | J38 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 N3 | 2008 09 14.84854 | 16 55 14.20 | -21 10 33.8 | 13.1 N | J38 |
| C/2007 N3 | 2008 09 14.84892 | 16 55 14.19 | -21 10 33.9 | 13.2 N | J38 |
| C/2007 N3 | 2008 09 14.89220 | 16 55 09.71 | -21 10 25.9 | 12.7 N | 945 |
| C/2007 N3 | 2008 09 14.89354 | 16 55 09.56 | -21 10 23.4 | 12.7 N | 945 |
| C/2007 N3 | 2008 09 14.89537 | 16 55 09.46 | -21 10 24.4 | 12.7 N | 945 |
| C/2007 N3 | 2008 09 14.89652 | 16 55 09.37 | -21 10 25.8 | 12.7 N | 945 |
| C/2007 N3 | 2008 09 14.89759 | 16 55 09.11 | -21 10 26.2 | 12.7 N | 945 |

**P/2007 R1 (Larson)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2007 R1 | 2007 10 07.32136 | 23 56 17.79 | -00 31 03.4 | 18.6 T | 699 |
| P/2007 R1 | 2007 10 07.34695 | 23 56 17.09 | -00 31 09.4 |        | 699 |
| P/2007 R1 | 2007 10 07.37251 | 23 56 16.44 | -00 31 17.0 |        | 699 |
| P/2007 R1 | 2007 10 07.39808 | 23 56 15.73 | -00 31 23.1 |        | 699 |
| P/2007 R1 | 2008 09 09.08562 | 03 27 48.15 | +13 00 43.5 | 19.4 T | 215 |
| P/2007 R1 | 2008 09 09.08668 | 03 27 48.21 | +13 00 42.3 | 19.4 T | 215 |
| P/2007 R1 | 2008 09 09.08773 | 03 27 48.22 | +13 00 41.8 | 19.0 T | 215 |
| P/2007 R1 | 2008 09 14.09952 | 03 28 05.55 | +12 52 03.5 | 19.2 N | 941 |
| P/2007 R1 | 2008 09 14.10557 | 03 28 05.56 | +12 52 02.7 |        | 941 |
| P/2007 R1 | 2008 09 14.11238 | 03 28 05.59 | +12 52 01.8 |        | 941 |
| P/2007 R1 | 2008 09 14.12298 | 03 28 05.60 | +12 51 59.9 |        | 941 |

**P/2007 R2 (Gibbs)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2007 R2 | 2007 10 07.43019 | 03 34 51.42 | +20 32 45.6 | 18.8 T | 699 |
| P/2007 R2 | 2007 10 07.45205 | 03 34 51.96 | +20 32 50.4 |        | 699 |
| P/2007 R2 | 2007 10 07.47395 | 03 34 52.33 | +20 32 55.5 |        | 699 |
| P/2007 R2 | 2007 10 07.49576 | 03 34 52.61 | +20 33 00.2 |        | 699 |

**C/2007 U1 (LINEAR)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 U1 | 2008 08 12.79271 | 04 11 56.57 | +21 57 06.5 |        | 367 |
| C/2007 U1 | 2008 08 12.79491 | 04 11 56.51 | +21 57 07.0 | 15.1 T | 367 |
| C/2007 U1 | 2008 08 20.04394 | 04 06 46.24 | +22 24 37.9 | 16.6 N | 118 |
| C/2007 U1 | 2008 08 20.04922 | 04 06 46.00 | +22 24 39.3 | 16.4 N | 118 |
| C/2007 U1 | 2008 08 20.05383 | 04 06 45.76 | +22 24 41.0 | 16.6 N | 118 |
| C/2007 U1 | 2008 08 21.74461 | 04 05 19.70 | +22 30 56.6 | 15.5 T | 349 |
| C/2007 U1 | 2008 08 21.75698 | 04 05 19.04 | +22 30 59.5 |        | 349 |
| C/2007 U1 | 2008 08 28.01434 | 03 59 10.24 | +22 53 22.1 | 16.3 T | 215 |
| C/2007 U1 | 2008 08 28.01504 | 03 59 10.19 | +22 53 22.4 | 16.2 T | 215 |
| C/2007 U1 | 2008 08 28.01575 | 03 59 10.13 | +22 53 22.7 | 16.3 T | 215 |
| C/2007 U1 | 2008 08 28.41983 | 03 58 43.38 | +22 54 47.7 | 15.6 T | H45 |
| C/2007 U1 | 2008 08 28.42091 | 03 58 43.32 | +22 54 48.1 | 15.6 T | H45 |
| C/2007 U1 | 2008 08 28.42183 | 03 58 43.26 | +22 54 48.3 | 15.4 T | H45 |
| C/2007 U1 | 2008 08 28.42305 | 03 58 43.16 | +22 54 48.5 | 15.4 T | H45 |
| C/2007 U1 | 2008 08 28.42395 | 03 58 43.11 | +22 54 48.8 | 15.4 T | H45 |
| C/2007 U1 | 2008 08 28.42504 | 03 58 43.04 | +22 54 48.9 | 15.4 T | H45 |
| C/2007 U1 | 2008 08 31.01836 | 03 55 42.91 | +23 03 32.3 | 15.7 N | 213 |
| C/2007 U1 | 2008 08 31.01967 | 03 55 42.82 | +23 03 32.5 | 15.7 N | 213 |
| C/2007 U1 | 2008 09 01.65846 | 03 53 40.83 | +23 08 52.5 |        | 349 |
| C/2007 U1 | 2008 09 01.66037 | 03 53 40.67 | +23 08 52.7 | 15.4 T | 349 |
| C/2007 U1 | 2008 09 04.05733 | 03 50 30.55 | +23 16 20.8 | 16.6 N | B59 |
| C/2007 U1 | 2008 09 07.71517 | 03 45 12.72 | +23 26 53.9 |        | 349 |
| C/2007 U1 | 2008 09 07.71875 | 03 45 12.40 | +23 26 54.4 |        | 349 |
| C/2007 U1 | 2008 09 07.72233 | 03 45 12.06 | +23 26 54.8 | 15.3 T | 349 |
| C/2007 U1 | 2008 09 08.75034 | 03 43 36.46 | +23 29 38.8 |        | 367 |
| C/2007 U1 | 2008 09 08.75346 | 03 43 36.22 | +23 29 38.6 |        | 367 |

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M.P.C. 63779

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 U1 | 2008 09 08.75659 | 03 43 35.91 | +23 29 39.7 | 15.3 T | 367 |
| C/2007 U1 | 2008 09 08.76920 | 03 43 34.71 | +23 29 41.6 |        | 900 |
| C/2007 U1 | 2008 09 08.77539 | 03 43 34.11 | +23 29 42.7 | 16.5 N | 900 |
| C/2007 U1 | 2008 09 09.01069 | 03 43 11.93 | +23 30 18.8 | 17.2 N | B59 |
| C/2007 U1 | 2008 09 09.66142 | 03 42 09.59 | +23 31 58.7 |        | D88 |
| C/2007 U1 | 2008 09 09.66322 | 03 42 09.42 | +23 31 59.6 |        | D88 |
| C/2007 U1 | 2008 09 09.66501 | 03 42 09.22 | +23 31 59.9 | 15.3 T | D88 |
| C/2007 U1 | 2008 09 11.11339 | 03 39 46.17 | +23 35 30.6 | 15.8 N | A77 |
| C/2007 U1 | 2008 09 11.11964 | 03 39 45.56 | +23 35 31.3 | 16.0 N | A77 |
| C/2007 U1 | 2008 09 11.12584 | 03 39 44.91 | +23 35 32.3 | 16.1 N | A77 |
| C/2007 U1 | 2008 09 13.11318 | 03 36 19.47 | +23 39 57.7 | 16.3 N | 118 |
| C/2007 U1 | 2008 09 13.11516 | 03 36 19.29 | +23 39 58.0 | 16.3 N | 118 |
| C/2007 U1 | 2008 09 13.11845 | 03 36 18.93 | +23 39 58.3 | 16.3 N | 118 |

**C/2007 VO<sub>53</sub> (Spacewatch)**

|                         |                  |             |             |        |       |
|-------------------------|------------------|-------------|-------------|--------|-------|
| C/2007 VO <sub>53</sub> | 2008 08 21.03754 | 04 21 16.65 | +32 50 10.4 | 20.5 T | 3 461 |
| C/2007 VO <sub>53</sub> | 2008 08 21.04863 | 04 21 16.71 | +32 50 14.6 |        | 461   |
| C/2007 VO <sub>53</sub> | 2008 08 22.07117 | 04 21 22.28 | +32 56 19.4 | 20.5 T | 4 461 |

**C/2007 W1 (Boattini)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 W1 | 2008 07 23.78021 | 02 56 56.86 | +13 50 29.9 | 13.7 N | 372 |
| C/2007 W1 | 2008 07 27.74097 | 02 53 06.98 | +15 30 35.4 | 13.6 N | 372 |
| C/2007 W1 | 2008 07 30.76840 | 02 50 19.81 | +16 39 33.8 | 13.7 N | 372 |
| C/2007 W1 | 2008 08 09.46633 | 02 40 53.38 | +19 42 22.5 | 16.4 N | H06 |
| C/2007 W1 | 2008 08 10.45733 | 02 39 48.87 | +19 58 02.3 | 15.3 N | H06 |
| C/2007 W1 | 2008 08 11.71250 | 02 38 25.25 | +20 17 08.8 |        | 372 |
| C/2007 W1 | 2008 08 11.71649 | 02 38 24.97 | +20 17 13.9 |        | 372 |
| C/2007 W1 | 2008 08 12.05819 | 02 38 01.13 | +20 22 13.0 | 13.8 T | 585 |
| C/2007 W1 | 2008 08 12.06319 | 02 38 00.77 | +20 22 18.0 | 13.9 T | 585 |
| C/2007 W1 | 2008 08 12.06477 | 02 38 00.64 | +20 22 19.5 | 16.1 N | 585 |
| C/2007 W1 | 2008 08 12.06793 | 02 38 00.43 | +20 22 22.5 | 16.2 N | 585 |
| C/2007 W1 | 2008 08 12.95260 | 02 36 59.03 | +20 35 09.5 | 16.0 N | 152 |
| C/2007 W1 | 2008 08 12.95558 | 02 36 58.86 | +20 35 11.0 | 16.1 N | 152 |
| C/2007 W1 | 2008 08 12.96444 | 02 36 58.19 | +20 35 18.8 | 16.1 N | 152 |
| C/2007 W1 | 2008 08 12.96708 | 02 36 58.00 | +20 35 21.0 | 15.5 N | 152 |
| C/2007 W1 | 2008 08 12.96838 | 02 36 57.93 | +20 35 22.3 | 16.2 N | 152 |
| C/2007 W1 | 2008 08 14.72813 | 02 34 50.87 | +20 59 44.7 | 11.6 T | 372 |
| C/2007 W1 | 2008 08 14.79490 | 02 34 45.59 | +21 00 39.1 | 11.5 T | 372 |
| C/2007 W1 | 2008 08 14.91275 | 02 34 37.04 | +21 02 04.8 | 16.2 N | 152 |
| C/2007 W1 | 2008 08 14.91553 | 02 34 36.88 | +21 02 07.0 | 16.3 N | 152 |
| C/2007 W1 | 2008 08 14.92020 | 02 34 36.48 | +21 02 10.7 | 16.4 N | 152 |
| C/2007 W1 | 2008 08 14.92299 | 02 34 36.34 | +21 02 13.0 | 16.2 N | 152 |
| C/2007 W1 | 2008 08 19.08129 | 02 29 08.17 | +21 52 51.0 | 16.0 N | 118 |
| C/2007 W1 | 2008 08 19.08475 | 02 29 07.86 | +21 52 53.2 | 16.0 N | 118 |
| C/2007 W1 | 2008 08 19.08576 | 02 29 08.20 | +21 52 57.1 | 15.4 N | J51 |
| C/2007 W1 | 2008 08 19.08962 | 02 29 07.40 | +21 52 56.3 | 16.0 N | 118 |
| C/2007 W1 | 2008 08 19.09015 | 02 29 07.82 | +21 53 00.2 | 15.4 N | J51 |
| C/2007 W1 | 2008 08 19.09308 | 02 29 07.14 | +21 52 59.0 | 16.0 N | 118 |
| C/2007 W1 | 2008 08 19.09455 | 02 29 07.32 | +21 53 03.4 | 15.5 N | J51 |
| C/2007 W1 | 2008 08 20.11286 | 02 27 40.93 | +22 04 02.6 | 15.5 N | A02 |
| C/2007 W1 | 2008 08 20.11470 | 02 27 40.81 | +22 04 03.0 | 15.3 N | A02 |
| C/2007 W1 | 2008 08 20.11843 | 02 27 40.41 | +22 04 05.7 | 15.5 N | A02 |
| C/2007 W1 | 2008 08 21.05028 | 02 26 20.01 | +22 13 40.4 | 15.7 N | J38 |
| C/2007 W1 | 2008 08 21.05461 | 02 26 19.71 | +22 13 43.0 | 15.7 N | J38 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 W1 | 2008 08 21.06613 | 02 26 18.48 | +22 13 50.2 | 15.7 T | 945 |
| C/2007 W1 | 2008 08 21.06834 | 02 26 18.29 | +22 13 52.9 | 15.7 T | 945 |
| C/2007 W1 | 2008 08 21.07080 | 02 26 18.07 | +22 13 54.0 | 15.6 T | 945 |
| C/2007 W1 | 2008 08 21.07192 | 02 26 18.00 | +22 13 56.0 | 15.7 T | 945 |
| C/2007 W1 | 2008 08 21.93786 | 02 25 01.08 | +22 22 22.7 | 15.9 N | 235 |
| C/2007 W1 | 2008 08 23.00118 | 02 23 24.60 | +22 32 18.3 | 15.6 N | J38 |
| C/2007 W1 | 2008 08 23.00705 | 02 23 24.13 | +22 32 22.4 | 15.6 N | J38 |
| C/2007 W1 | 2008 08 23.00853 | 02 23 23.96 | +22 32 23.6 | 15.6 N | J38 |
| C/2007 W1 | 2008 08 23.29411 | 02 22 57.18 | +22 35 02.6 | 16.1 N | H06 |
| C/2007 W1 | 2008 08 23.96170 | 02 21 54.78 | +22 40 47.9 |        | 204 |
| C/2007 W1 | 2008 08 23.97810 | 02 21 53.10 | +22 40 56.3 |        | 204 |
| C/2007 W1 | 2008 08 23.99287 | 02 21 51.72 | +22 41 04.5 | 14.5 N | 204 |
| C/2007 W1 | 2008 08 24.02032 | 02 21 49.09 | +22 41 19.1 | 15.2 N | J52 |
| C/2007 W1 | 2008 08 24.02433 | 02 21 48.70 | +22 41 21.5 | 15.2 N | J52 |
| C/2007 W1 | 2008 08 24.02830 | 02 21 48.32 | +22 41 23.4 | 15.1 N | J52 |
| C/2007 W1 | 2008 08 25.04508 | 02 20 11.14 | +22 49 50.7 | 15.1 N | J47 |
| C/2007 W1 | 2008 08 25.04987 | 02 20 10.71 | +22 49 53.8 | 15.0 N | J47 |
| C/2007 W1 | 2008 08 25.05468 | 02 20 10.18 | +22 49 55.1 | 15.1 N | J47 |
| C/2007 W1 | 2008 08 25.05946 | 02 20 09.72 | +22 49 58.0 | 15.1 N | J47 |
| C/2007 W1 | 2008 08 25.08598 | 02 20 06.82 | +22 50 09.2 | 15.3 N | 213 |
| C/2007 W1 | 2008 08 25.08785 | 02 20 06.64 | +22 50 10.2 | 15.4 N | 213 |
| C/2007 W1 | 2008 08 25.08974 | 02 20 06.42 | +22 50 11.1 | 15.3 N | 213 |
| C/2007 W1 | 2008 08 26.04289 | 02 18 33.15 | +22 57 31.7 | 15.1 T | 945 |
| C/2007 W1 | 2008 08 26.04472 | 02 18 32.98 | +22 57 32.3 | 15.2 T | 945 |
| C/2007 W1 | 2008 08 26.04718 | 02 18 32.69 | +22 57 34.0 | 15.1 T | 945 |
| C/2007 W1 | 2008 08 26.04925 | 02 18 32.55 | +22 57 34.0 | 15.1 T | 945 |
| C/2007 W1 | 2008 08 26.05053 | 02 18 32.42 | +22 57 34.6 | 15.1 T | 945 |
| C/2007 W1 | 2008 08 26.05172 | 02 18 32.25 | +22 57 35.4 | 15.2 T | 945 |
| C/2007 W1 | 2008 08 26.06290 | 02 18 31.34 | +22 57 42.2 | 15.5 N | J51 |
| C/2007 W1 | 2008 08 26.06776 | 02 18 30.83 | +22 57 44.6 | 15.5 N | J51 |
| C/2007 W1 | 2008 08 26.07262 | 02 18 30.34 | +22 57 46.7 | 15.5 N | J51 |
| C/2007 W1 | 2008 08 26.37986 | 02 17 59.36 | +23 00 03.2 | 14.7 N | H45 |
| C/2007 W1 | 2008 08 26.38336 | 02 17 59.00 | +23 00 04.7 | 14.6 N | H45 |
| C/2007 W1 | 2008 08 26.38454 | 02 17 58.86 | +23 00 05.1 | 14.7 N | H45 |
| C/2007 W1 | 2008 08 26.38639 | 02 17 58.68 | +23 00 06.0 | 14.7 N | H45 |
| C/2007 W1 | 2008 08 26.38740 | 02 17 58.57 | +23 00 06.3 | 14.8 N | H45 |
| C/2007 W1 | 2008 08 26.38871 | 02 17 58.43 | +23 00 07.0 | 11.2 T | H45 |
| C/2007 W1 | 2008 08 27.13725 | 02 16 42.75 | +23 05 24.9 | 15.1 N | B40 |
| C/2007 W1 | 2008 08 27.30348 | 02 16 26.54 | +23 06 32.6 | 14.7 N | H45 |
| C/2007 W1 | 2008 08 27.30555 | 02 16 26.33 | +23 06 33.3 | 14.5 N | H45 |
| C/2007 W1 | 2008 08 27.30785 | 02 16 26.09 | +23 06 34.5 | 14.5 N | H45 |
| C/2007 W1 | 2008 08 27.30996 | 02 16 25.85 | +23 06 35.3 | 14.6 N | H45 |
| C/2007 W1 | 2008 08 27.31149 | 02 16 25.70 | +23 06 35.9 | 14.7 N | H45 |
| C/2007 W1 | 2008 08 27.31344 | 02 16 25.49 | +23 06 36.9 | 11.6 T | H45 |
| C/2007 W1 | 2008 08 27.94267 | 02 15 21.10 | +23 10 43.4 | 16.3 N | B09 |
| C/2007 W1 | 2008 08 27.95035 | 02 15 20.10 | +23 10 45.5 | 14.4 N | A97 |
| C/2007 W1 | 2008 08 27.95612 | 02 15 19.68 | +23 10 48.8 | 16.0 N | B09 |
| C/2007 W1 | 2008 08 27.95736 | 02 15 19.61 | +23 10 46.8 | 14.4 N | A97 |
| C/2007 W1 | 2008 08 27.96086 | 02 15 19.02 | +23 10 50.0 | 14.4 N | A97 |
| C/2007 W1 | 2008 08 27.96436 | 02 15 18.65 | +23 10 51.8 | 14.4 N | A97 |
| C/2007 W1 | 2008 08 27.97137 | 02 15 17.87 | +23 10 54.2 | 14.4 N | A97 |
| C/2007 W1 | 2008 08 28.01986 | 02 15 12.90 | +23 11 13.9 | 16.6 N | 215 |
| C/2007 W1 | 2008 08 28.02056 | 02 15 12.82 | +23 11 14.2 | 16.6 N | 215 |

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|-----------|------------------|-------------|-------------|--------|-----|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 W1 | 2008 08 28.02127 | 02 15 12.72 | +23 11 14.2 | 16.6 N | 215 | C/2007 W1 | 2008 08 31.08279 | 02 09 46.46 | +23 28 23.6 | 17.9 N | 510 |
| C/2007 W1 | 2008 08 28.06725 | 02 15 08.21 | +23 11 36.1 | 15.5 N | J51 | C/2007 W1 | 2008 08 31.08443 | 02 09 46.26 | +23 28 24.7 | 18.2 N | 510 |
| C/2007 W1 | 2008 08 28.07196 | 02 15 07.72 | +23 11 37.6 | 15.6 N | J51 | C/2007 W1 | 2008 08 31.11093 | 02 09 43.01 | +23 28 35.8 | 16.0 N | B40 |
| C/2007 W1 | 2008 08 28.07668 | 02 15 07.22 | +23 11 39.3 | 15.7 N | J51 | C/2007 W1 | 2008 08 31.99170 | 02 08 06.26 | +23 32 34.7 | 16.7 N | B40 |
| C/2007 W1 | 2008 08 28.37633 | 02 14 35.72 | +23 13 33.2 | 14.3 N | H45 | C/2007 W1 | 2008 09 01.64762 | 02 06 53.08 | +23 35 17.3 |        | 349 |
| C/2007 W1 | 2008 08 28.37880 | 02 14 35.40 | +23 13 33.6 | 14.3 N | H45 | C/2007 W1 | 2008 09 01.64906 | 02 06 52.93 | +23 35 17.9 | 12.3 T | 349 |
| C/2007 W1 | 2008 08 28.38117 | 02 14 35.15 | +23 13 34.5 | 14.4 N | H45 | C/2007 W1 | 2008 09 02.88771 | 02 04 32.55 | +23 39 43.4 | 16.5 N | 235 |
| C/2007 W1 | 2008 08 28.38274 | 02 14 35.01 | +23 13 35.4 | 14.3 N | H45 | C/2007 W1 | 2008 09 02.95065 | 02 04 25.38 | +23 39 57.3 |        | 118 |
| C/2007 W1 | 2008 08 28.38972 | 02 14 34.24 | +23 13 37.9 | 14.4 N | H45 | C/2007 W1 | 2008 09 02.97162 | 02 04 22.78 | +23 40 01.7 |        | 118 |
| C/2007 W1 | 2008 08 28.39153 | 02 14 34.03 | +23 13 38.8 | 14.2 N | H45 | C/2007 W1 | 2008 09 03.01603 | 02 04 17.86 | +23 40 11.6 | 15.9 N | J53 |
| C/2007 W1 | 2008 08 29.27953 | 02 13 01.27 | +23 18 56.1 | 14.5 N | H45 | C/2007 W1 | 2008 09 03.01970 | 02 04 17.45 | +23 40 12.5 | 15.7 N | J53 |
| C/2007 W1 | 2008 08 29.28203 | 02 13 00.95 | +23 18 57.3 | 14.6 N | H45 | C/2007 W1 | 2008 09 03.02093 | 02 04 17.30 | +23 40 12.7 | 15.8 N | J53 |
| C/2007 W1 | 2008 08 29.28278 | 02 13 00.86 | +23 18 57.5 | 14.6 N | H45 | C/2007 W1 | 2008 09 03.99245 | 02 02 24.82 | +23 43 03.0 | 16.5 N | 152 |
| C/2007 W1 | 2008 08 29.28425 | 02 13 00.70 | +23 18 58.5 | 14.5 N | H45 | C/2007 W1 | 2008 09 03.99365 | 02 02 24.68 | +23 43 03.1 | 16.3 N | 152 |
| C/2007 W1 | 2008 08 29.28563 | 02 13 00.56 | +23 18 58.6 | 14.4 T | H45 | C/2007 W1 | 2008 09 03.99451 | 02 02 24.81 | +23 43 04.0 | 17.5 N | B59 |
| C/2007 W1 | 2008 08 29.28639 | 02 13 00.47 | +23 18 59.1 | 14.5 T | H45 | C/2007 W1 | 2008 09 03.99493 | 02 02 24.61 | +23 43 03.9 | 17.5 N | 152 |
| C/2007 W1 | 2008 08 30.02363 | 02 11 41.72 | +23 23 03.0 | 15.5 N | 939 | C/2007 W1 | 2008 09 03.99696 | 02 02 24.28 | +23 43 03.7 | 16.4 N | 152 |
| C/2007 W1 | 2008 08 30.02427 | 02 11 41.60 | +23 23 03.3 | 17.0 N | 232 | C/2007 W1 | 2008 09 04.09153 | 02 02 12.99 | +23 43 20.3 | 14.5 T | 585 |
| C/2007 W1 | 2008 08 30.02826 | 02 11 41.19 | +23 23 04.9 | 15.5 N | 939 | C/2007 W1 | 2008 09 04.09293 | 02 02 12.88 | +23 43 20.7 | 16.6 N | 585 |
| C/2007 W1 | 2008 08 30.02892 | 02 11 41.12 | +23 23 05.4 | 15.6 N | 232 | C/2007 W1 | 2008 09 04.09432 | 02 02 12.73 | +23 43 21.1 | 16.3 N | 585 |
| C/2007 W1 | 2008 08 30.02894 | 02 11 40.92 | +23 23 05.0 | 16.0 N | 473 | C/2007 W1 | 2008 09 04.09506 | 02 02 12.57 | +23 43 21.3 | 16.7 N | 585 |
| C/2007 W1 | 2008 08 30.02969 | 02 11 40.98 | +23 23 04.5 | 17.0 N | 232 | C/2007 W1 | 2008 09 04.38881 | 02 01 38.64 | +23 44 10.4 | 16.2 N | H06 |
| C/2007 W1 | 2008 08 30.03289 | 02 11 40.65 | +23 23 06.8 | 15.5 N | 939 | C/2007 W1 | 2008 09 04.42720 | 02 01 33.98 | +23 44 15.5 | 16.2 N | H06 |
| C/2007 W1 | 2008 08 30.03356 | 02 11 40.64 | +23 23 06.7 | 15.6 N | 232 | C/2007 W1 | 2008 09 05.26853 | 01 59 56.03 | +23 46 07.1 | 18.1 T | 704 |
| C/2007 W1 | 2008 08 30.03512 | 02 11 40.41 | +23 23 06.6 | 17.0 N | 232 | C/2007 W1 | 2008 09 05.28182 | 01 59 54.26 | +23 46 10.1 | 18.9 T | 704 |
| C/2007 W1 | 2008 08 30.03606 | 02 11 40.10 | +23 23 06.8 | 15.7 N | 473 | C/2007 W1 | 2008 09 05.29520 | 01 59 52.61 | +23 46 11.3 | 19.6 T | 704 |
| C/2007 W1 | 2008 08 30.03667 | 02 11 40.24 | +23 23 07.0 | 15.4 N | 232 | C/2007 W1 | 2008 09 05.30849 | 01 59 50.99 | +23 46 14.0 | 18.9 T | 704 |
| C/2007 W1 | 2008 08 30.03978 | 02 11 39.86 | +23 23 08.7 | 15.6 N | 232 | C/2007 W1 | 2008 09 05.94054 | 01 58 36.56 | +23 47 21.8 | 16.7 N | J40 |
| C/2007 W1 | 2008 08 30.04240 | 02 11 39.60 | +23 23 09.8 | 15.7 N | 213 | C/2007 W1 | 2008 09 05.94980 | 01 58 35.39 | +23 47 23.7 | 16.6 N | J40 |
| C/2007 W1 | 2008 08 30.04318 | 02 11 39.33 | +23 23 09.2 | 15.6 N | 473 | C/2007 W1 | 2008 09 05.97128 | 01 58 32.70 | +23 47 26.1 | 16.6 N | J40 |
| C/2007 W1 | 2008 08 30.04601 | 02 11 39.22 | +23 23 10.9 | 15.6 N | 213 | C/2007 W1 | 2008 09 06.08935 | 01 58 18.07 | +23 47 38.6 | 16.6 N | B40 |
| C/2007 W1 | 2008 08 30.04691 | 02 11 39.10 | +23 23 11.2 | 15.7 N | 213 | C/2007 W1 | 2008 09 06.09253 | 01 58 17.69 | +23 47 39.8 | 17.0 N | B40 |
| C/2007 W1 | 2008 08 30.05082 | 02 11 38.48 | +23 23 11.7 | 15.8 N | 473 | C/2007 W1 | 2008 09 06.09552 | 01 58 17.38 | +23 47 40.7 | 16.7 N | B40 |
| C/2007 W1 | 2008 08 30.12747 | 02 11 30.20 | +23 23 39.4 | 15.5 N | J47 | C/2007 W1 | 2008 09 06.18890 | 01 58 06.07 | +23 47 46.9 | 16.0 T | 442 |
| C/2007 W1 | 2008 08 30.13083 | 02 11 30.01 | +23 23 40.0 | 15.4 N | J47 | C/2007 W1 | 2008 09 06.25262 | 01 57 59.32 | +23 47 54.3 | 16.1 N | H45 |
| C/2007 W1 | 2008 08 30.13420 | 02 11 29.60 | +23 23 41.9 | 15.5 N | J47 | C/2007 W1 | 2008 09 06.25412 | 01 57 59.15 | +23 47 54.4 | 16.1 N | H45 |
| C/2007 W1 | 2008 08 30.13588 | 02 11 29.39 | +23 23 42.9 | 15.5 N | J47 | C/2007 W1 | 2008 09 06.25514 | 01 57 59.00 | +23 47 54.5 | 16.0 N | H45 |
| C/2007 W1 | 2008 08 30.14058 | 02 11 28.60 | +23 23 41.9 | 16.3 N | B37 | C/2007 W1 | 2008 09 06.25628 | 01 57 58.86 | +23 47 54.6 | 16.3 N | H45 |
| C/2007 W1 | 2008 08 30.14513 | 02 11 28.11 | +23 23 43.5 | 16.7 N | B37 | C/2007 W1 | 2008 09 06.25807 | 01 57 58.62 | +23 47 54.7 | 16.3 N | H45 |
| C/2007 W1 | 2008 08 30.15016 | 02 11 27.52 | +23 23 44.9 | 16.4 N | B37 | C/2007 W1 | 2008 09 06.25898 | 01 57 58.50 | +23 47 54.8 | 16.2 N | H45 |
| C/2007 W1 | 2008 08 30.32611 | 02 11 09.22 | +23 24 41.3 | 17.8 T | 704 | C/2007 W1 | 2008 09 06.96099 | 01 56 34.54 | +23 48 51.0 | 16.7 N | B40 |
| C/2007 W1 | 2008 08 30.33893 | 02 11 07.57 | +23 24 48.8 | 18.4 T | 704 | C/2007 W1 | 2008 09 06.96843 | 01 56 33.50 | +23 48 49.3 | 15.4 N | A71 |
| C/2007 W1 | 2008 08 30.35175 | 02 11 06.02 | +23 24 49.7 | 18.4 T | 704 | C/2007 W1 | 2008 09 06.97264 | 01 56 32.95 | +23 48 49.7 | 15.3 N | A71 |
| C/2007 W1 | 2008 08 30.36461 | 02 11 04.66 | +23 24 53.5 | 18.0 T | 704 | C/2007 W1 | 2008 09 06.97686 | 01 56 32.42 | +23 48 50.7 | 15.5 N | A71 |
| C/2007 W1 | 2008 08 30.94547 | 02 10 01.89 | +23 27 46.4 | 16.2 N | B40 | C/2007 W1 | 2008 09 07.16329 | 01 56 09.63 | +23 49 05.3 |        | 941 |
| C/2007 W1 | 2008 08 30.96139 | 02 10 00.02 | +23 27 48.1 | 17.1 N | B59 | C/2007 W1 | 2008 09 07.17076 | 01 56 08.70 | +23 49 05.9 |        | 941 |
| C/2007 W1 | 2008 08 30.96320 | 02 09 59.80 | +23 27 48.1 | 17.5 N | B59 | C/2007 W1 | 2008 09 07.17301 | 01 56 08.44 | +23 49 05.9 |        | 941 |
| C/2007 W1 | 2008 08 30.96457 | 02 09 59.77 | +23 27 48.6 | 17.0 N | B59 | C/2007 W1 | 2008 09 07.40224 | 01 55 40.83 | +23 49 22.1 | 16.2 N | H47 |
| C/2007 W1 | 2008 08 30.96779 | 02 09 59.31 | +23 27 49.9 | 17.3 N | B59 | C/2007 W1 | 2008 09 07.41176 | 01 55 39.68 | +23 49 21.7 | 16.4 N | H47 |
| C/2007 W1 | 2008 08 31.04288 | 02 09 50.77 | +23 28 12.9 | 14.6 N | A97 | C/2007 W1 | 2008 09 07.42319 | 01 55 38.25 | +23 49 21.7 | 16.2 N | H47 |
| C/2007 W1 | 2008 08 31.05221 | 02 09 49.69 | +23 28 15.3 | 14.6 N | A97 | C/2007 W1 | 2008 09 07.95257 | 01 54 35.15 | +23 49 43.9 | 15.9 T | 945 |
| C/2007 W1 | 2008 08 31.06155 | 02 09 48.63 | +23 28 17.4 | 14.5 N | A97 | C/2007 W1 | 2008 09 07.96101 | 01 54 33.86 | +23 49 42.0 | 15.9 T | 945 |
| C/2007 W1 | 2008 08 31.08115 | 02 09 46.58 | +23 28 24.9 | 18.0 N | 510 | C/2007 W1 | 2008 09 07.96376 | 01 54 33.70 | +23 49 43.3 | 16.0 T | 945 |

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M.P.C. 63781

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 W1 | 2008 09 07.96719 | 01 54 33.36 | +23 49 44.4 | 16.0 T | 945 |
| C/2007 W1 | 2008 09 08.61522 | 01 53 14.84 | +23 50 03.5 | 16.5 N | 352 |
| C/2007 W1 | 2008 09 08.61962 | 01 53 14.22 | +23 50 05.6 |        | 352 |
| C/2007 W1 | 2008 09 08.67899 | 01 53 06.79 | +23 50 07.2 |        | 900 |
| C/2007 W1 | 2008 09 08.68686 | 01 53 05.79 | +23 50 07.5 | 17.3 N | 900 |
| C/2007 W1 | 2008 09 09.07089 | 01 52 18.86 | +23 50 09.2 | 17.0 N | 215 |
| C/2007 W1 | 2008 09 09.07159 | 01 52 18.79 | +23 50 09.6 | 17.4 N | 215 |
| C/2007 W1 | 2008 09 09.07229 | 01 52 18.71 | +23 50 09.6 | 17.4 N | 215 |
| C/2007 W1 | 2008 09 09.62877 | 01 51 11.06 | +23 50 09.3 |        | D88 |
| C/2007 W1 | 2008 09 09.63057 | 01 51 10.78 | +23 50 09.9 |        | D88 |
| C/2007 W1 | 2008 09 09.63236 | 01 51 10.60 | +23 50 09.6 | 13.7 T | D88 |
| C/2007 W1 | 2008 09 11.00221 | 01 48 22.58 | +23 49 27.1 | 16.9 N | J47 |
| C/2007 W1 | 2008 09 11.01584 | 01 48 20.88 | +23 49 26.4 | 16.9 N | J47 |
| C/2007 W1 | 2008 09 11.01908 | 01 48 20.46 | +23 49 26.1 | 16.8 N | J47 |
| C/2007 W1 | 2008 09 11.02397 | 01 48 19.85 | +23 49 26.0 | 17.0 N | J47 |
| C/2007 W1 | 2008 09 11.02571 | 01 48 19.66 | +23 49 26.0 | 16.8 N | J47 |
| C/2007 W1 | 2008 09 11.68651 | 01 46 57.76 | +23 48 43.3 | 17.0 N | 900 |
| C/2007 W1 | 2008 09 11.69431 | 01 46 56.77 | +23 48 43.0 |        | 900 |
| C/2007 W1 | 2008 09 13.10239 | 01 44 02.12 | +23 46 30.0 | 15.7 N | 118 |
| C/2007 W1 | 2008 09 13.10371 | 01 44 02.02 | +23 46 30.3 | 15.8 N | 118 |
| C/2007 W1 | 2008 09 13.17491 | 01 43 52.94 | +23 46 23.6 | 16.4 T | 442 |
| C/2007 W1 | 2008 09 13.17947 | 01 43 52.33 | +23 46 23.7 | 16.4 T | 442 |
| C/2007 W1 | 2008 09 13.94343 | 01 42 18.52 | +23 44 45.8 | 17.9 N | B49 |
| C/2007 W1 | 2008 09 14.04002 | 01 42 06.44 | +23 44 36.3 | 16.8 N | J51 |
| C/2007 W1 | 2008 09 14.04488 | 01 42 05.78 | +23 44 34.8 | 16.8 N | J51 |
| C/2007 W1 | 2008 09 14.04975 | 01 42 05.19 | +23 44 34.4 | 16.8 N | J51 |
| C/2007 W1 | 2008 09 14.10400 | 01 41 58.17 | +23 44 27.9 | 17.4 N | J47 |
| C/2007 W1 | 2008 09 14.10807 | 01 41 57.64 | +23 44 27.3 | 17.5 N | J47 |
| C/2007 W1 | 2008 09 14.11214 | 01 41 57.09 | +23 44 27.7 | 17.4 N | J47 |
| C/2007 W1 | 2008 09 15.01988 | 01 40 04.65 | +23 42 06.3 | 16.4 N | J40 |
| C/2007 W1 | 2008 09 15.02577 | 01 40 03.78 | +23 42 04.6 | 17.1 N | J40 |
| C/2007 W1 | 2008 09 15.03832 | 01 40 02.21 | +23 42 02.8 | 17.2 N | J40 |
| C/2007 W1 | 2008 09 15.05088 | 01 40 00.60 | +23 42 01.2 | 17.1 N | J40 |
| C/2007 W1 | 2008 09 15.11855 | 01 39 51.64 | +23 41 48.7 | 16.3 N | B40 |

**C/2007 W3 (LINEAR)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2007 W3 | 2008 08 24.84376 | 14 53 09.44 | +05 46 33.9 | 18.7 N | 235 |
| C/2007 W3 | 2008 08 28.81905 | 14 56 47.62 | +03 25 07.1 | 18.7 N | A77 |
| C/2007 W3 | 2008 08 28.84503 | 14 56 49.09 | +03 24 14.3 | 19.0 N | A77 |
| C/2007 W3 | 2008 08 28.85119 | 14 56 49.49 | +03 24 01.5 | 18.7 N | A77 |
| C/2007 W3 | 2008 08 28.85734 | 14 56 49.75 | +03 23 48.1 | 17.8 N | A77 |

**C/2008 A1 (McNaught)**

|           |                  |             |             |        |     |
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| C/2008 A1 | 2008 08 12.93848 | 10 00 39.74 | -47 12 39.8 | 12.9 N | I32 |
| C/2008 A1 | 2008 08 12.93924 | 10 00 40.03 | -47 12 40.3 | 13.0 N | I32 |
| C/2008 A1 | 2008 08 12.93979 | 10 00 40.30 | -47 12 40.1 | 12.9 N | I32 |
| C/2008 A1 | 2008 08 12.94126 | 10 00 40.90 | -47 12 41.0 | 13.1 N | I31 |
| C/2008 A1 | 2008 08 12.94154 | 10 00 41.02 | -47 12 41.4 | 13.0 N | I31 |
| C/2008 A1 | 2008 08 12.94181 | 10 00 41.07 | -47 12 41.5 | 13.0 N | I31 |
| C/2008 A1 | 2008 08 12.95201 | 10 00 45.32 | -47 12 45.8 | 13.1 N | I31 |
| C/2008 A1 | 2008 08 12.95228 | 10 00 45.49 | -47 12 46.0 | 13.1 N | I31 |
| C/2008 A1 | 2008 08 12.95255 | 10 00 45.57 | -47 12 46.3 | 13.1 N | I31 |
| C/2008 A1 | 2008 08 18.96322 | 10 44 26.76 | -47 34 59.2 | 13.0 N | I31 |
| C/2008 A1 | 2008 08 18.96409 | 10 44 27.17 | -47 34 59.3 | 13.1 N | I31 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 A1 | 2008 08 18.96453 | 10 44 27.33 | -47 34 59.2 | 12.9 N | I31 |
| C/2008 A1 | 2008 08 18.96539 | 10 44 27.74 | -47 34 59.4 | 13.0 N | I31 |
| C/2008 A1 | 2008 08 18.96627 | 10 44 28.19 | -47 34 59.4 | 12.9 N | I31 |
| C/2008 A1 | 2008 08 19.32684 | 10 47 12.36 | -47 34 39.6 | 12.9 N | E94 |
| C/2008 A1 | 2008 08 19.33845 | 10 47 18.09 | -47 34 37.7 | 12.4 N | E94 |
| C/2008 A1 | 2008 08 19.36765 | 10 47 31.55 | -47 34 35.1 | 12.4 N | E94 |
| C/2008 A1 | 2008 08 20.93605 | 10 59 34.30 | -47 30 34.5 | 12.7 N | I32 |
| C/2008 A1 | 2008 08 20.93657 | 10 59 34.61 | -47 30 34.3 | 12.7 N | I32 |
| C/2008 A1 | 2008 08 20.93708 | 10 59 34.81 | -47 30 34.2 | 12.7 N | I32 |
| C/2008 A1 | 2008 08 21.94418 | 11 07 24.41 | -47 25 46.9 | 12.5 N | I31 |
| C/2008 A1 | 2008 08 24.94395 | 11 30 59.38 | -47 00 47.0 | 12.3 N | I32 |
| C/2008 A1 | 2008 08 24.94582 | 11 31 00.26 | -47 00 47.2 | 12.4 N | I32 |
| C/2008 A1 | 2008 08 24.94769 | 11 31 01.09 | -47 00 45.0 | 12.2 N | I32 |
| C/2008 A1 | 2008 08 24.94956 | 11 31 02.05 | -47 00 43.2 | 12.3 N | I32 |
| C/2008 A1 | 2008 08 24.97861 | 11 31 15.89 | -47 00 22.7 | 12.2 N | I31 |
| C/2008 A1 | 2008 08 24.97986 | 11 31 16.42 | -47 00 22.0 | 12.2 N | I31 |
| C/2008 A1 | 2008 08 24.98013 | 11 31 16.57 | -47 00 21.8 | 12.0 N | I31 |
| C/2008 A1 | 2008 08 24.98634 | 11 31 19.55 | -47 00 17.5 | 12.3 N | I31 |
| C/2008 A1 | 2008 08 26.96925 | 11 47 00.30 | -46 34 28.7 | 12.4 N | I32 |
| C/2008 A1 | 2008 08 26.96963 | 11 47 00.40 | -46 34 27.9 | 12.3 N | I32 |
| C/2008 A1 | 2008 08 26.97000 | 11 47 00.63 | -46 34 27.4 | 12.1 N | I32 |
| C/2008 A1 | 2008 08 26.97198 | 11 47 01.36 | -46 34 25.1 | 12.2 N | I31 |
| C/2008 A1 | 2008 08 26.97391 | 11 47 02.49 | -46 34 24.5 | 12.6 N | I31 |
| C/2008 A1 | 2008 08 26.97586 | 11 47 03.44 | -46 34 23.7 | 12.9 N | I31 |
| C/2008 A1 | 2008 08 26.97682 | 11 47 03.79 | -46 34 21.5 | 12.5 N | I31 |
| C/2008 A1 | 2008 08 29.93094 | 12 10 16.94 | -45 42 07.0 | 12.0 N | I32 |
| C/2008 A1 | 2008 08 29.93289 | 12 10 17.87 | -45 42 05.0 | 12.4 N | I32 |
| C/2008 A1 | 2008 08 29.93931 | 12 10 20.83 | -45 41 56.6 | 12.3 N | I32 |
| C/2008 A1 | 2008 09 03.95435 | 12 48 30.92 | -43 36 52.3 | 12.7 N | I31 |
| C/2008 A1 | 2008 09 03.95743 | 12 48 32.22 | -43 36 47.4 | 12.8 N | I31 |
| C/2008 A1 | 2008 09 03.96051 | 12 48 33.63 | -43 36 42.3 | 12.5 N | I31 |
| C/2008 A1 | 2008 09 03.96356 | 12 48 35.01 | -43 36 36.6 | 12.7 N | I31 |
| C/2008 A1 | 2008 09 03.96664 | 12 48 36.28 | -43 36 31.1 | 12.7 N | I31 |
| C/2008 A1 | 2008 09 03.96971 | 12 48 37.62 | -43 36 24.6 | 12.7 N | I31 |
| C/2008 A1 | 2008 09 08.94731 | 13 23 50.60 | -40 52 32.5 | 12.1 N | I32 |
| C/2008 A1 | 2008 09 08.94892 | 13 23 51.26 | -40 52 29.3 | 11.9 N | I32 |
| C/2008 A1 | 2008 09 09.94275 | 13 30 29.46 | -40 15 50.9 | 12.3 N | I32 |
| C/2008 A1 | 2008 09 09.94332 | 13 30 29.69 | -40 15 49.3 | 12.0 N | I32 |
| C/2008 A1 | 2008 09 09.94417 | 13 30 30.03 | -40 15 47.2 | 12.0 N | I32 |
| C/2008 A1 | 2008 09 09.94486 | 13 30 30.31 | -40 15 46.5 | 12.3 N | I32 |
| C/2008 A1 | 2008 09 09.97345 | 13 30 41.73 | -40 14 41.1 | 11.9 N | I31 |
| C/2008 A1 | 2008 09 09.97385 | 13 30 41.87 | -40 14 40.0 | 11.8 N | I31 |
| C/2008 A1 | 2008 09 09.97427 | 13 30 42.04 | -40 14 39.8 | 11.7 N | I31 |
| C/2008 A1 | 2008 09 09.97468 | 13 30 42.14 | -40 14 38.4 | 11.7 N | I31 |
| C/2008 A1 | 2008 09 09.97509 | 13 30 42.32 | -40 14 37.8 | 11.8 N | I31 |
| C/2008 A1 | 2008 09 09.97550 | 13 30 42.53 | -40 14 36.3 | 11.8 N | I31 |
| C/2008 A1 | 2008 09 11.95951 | 13 43 31.70 | -38 58 10.3 | 12.4 N | I31 |
| C/2008 A1 | 2008 09 11.96196 | 13 43 32.62 | -38 58 04.6 | 12.4 N | I31 |
| C/2008 A1 | 2008 09 11.96433 | 13 43 33.47 | -38 57 59.3 | 12.3 N | I31 |
| C/2008 A1 | 2008 09 11.96671 | 13 43 34.43 | -38 57 53.8 | 12.5 N | I31 |
| C/2008 A1 | 2008 09 11.96910 | 13 43 35.34 | -38 57 47.6 | 12.5 N | I31 |
| C/2008 A1 | 2008 09 11.97147 | 13 43 36.23 | -38 57 42.6 | 12.5 N | I31 |
| C/2008 A1 | 2008 09 12.94950 | 13 49 42.80 | -38 18 37.6 | 12.3 N | I31 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 A1 | 2008 09 12.94992 | 13 49 42.98 | -38 18 36.3 | 12.5 N | I31 |
| C/2008 A1 | 2008 09 12.95032 | 13 49 43.11 | -38 18 35.2 | 12.3 N | I31 |
| C/2008 A1 | 2008 09 12.95074 | 13 49 43.29 | -38 18 34.2 | 12.3 N | I31 |
| C/2008 A1 | 2008 09 12.95115 | 13 49 43.32 | -38 18 33.5 | 12.2 N | I31 |
| C/2008 A1 | 2008 09 12.95156 | 13 49 43.51 | -38 18 32.3 | 12.2 N | I31 |

**C/2008 J1 (Boattini)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 J1 | 2008 06 12.64236 | 21 45 19.59 | +45 52 15.8 | 13.6 N | 372 |
| C/2008 J1 | 2008 06 12.78090 | 21 45 26.59 | +46 00 00.0 |        | 372 |
| C/2008 J1 | 2008 07 30.59549 | 21 51 51.04 | +81 18 38.2 | 14.5 N | 372 |
| C/2008 J1 | 2008 08 10.46249 | 20 59 04.91 | +85 52 22.3 | 14.7 N | H06 |
| C/2008 J1 | 2008 08 18.87147 | 18 13 42.25 | +87 53 56.1 |        | A30 |
| C/2008 J1 | 2008 08 18.87360 | 18 13 37.43 | +87 53 56.5 |        | A30 |
| C/2008 J1 | 2008 08 18.87663 | 18 13 31.93 | +87 53 57.9 |        | A30 |
| C/2008 J1 | 2008 08 18.87829 | 18 13 28.59 | +87 53 58.7 |        | A30 |
| C/2008 J1 | 2008 08 20.11856 | 17 32 52.85 | +87 58 58.7 | 15.8 N | 750 |
| C/2008 J1 | 2008 08 20.13104 | 17 32 27.24 | +87 59 00.4 | 15.4 N | 750 |
| C/2008 J1 | 2008 08 20.14403 | 17 32 01.24 | +87 59 01.9 | 15.7 N | 750 |
| C/2008 J1 | 2008 08 20.58870 | 17 17 07.34 | +87 59 44.3 | 15.7 N | 900 |
| C/2008 J1 | 2008 08 20.59345 | 17 16 57.60 | +87 59 44.6 |        | 900 |
| C/2008 J1 | 2008 08 20.87150 | 17 07 47.30 | +87 59 56.9 | 14.5 N | B20 |
| C/2008 J1 | 2008 08 20.87258 | 17 07 45.23 | +87 59 57.0 | 14.5 N | B20 |
| C/2008 J1 | 2008 08 20.87472 | 17 07 40.94 | +87 59 57.3 | 14.5 N | B20 |
| C/2008 J1 | 2008 08 20.97484 | 17 04 20.04 | +87 59 56.3 | 14.6 N | J38 |
| C/2008 J1 | 2008 08 20.97923 | 17 04 11.28 | +87 59 56.2 | 14.6 N | J38 |
| C/2008 J1 | 2008 08 20.98216 | 17 04 05.42 | +87 59 56.1 | 14.6 N | J38 |
| C/2008 J1 | 2008 08 21.02694 | 17 02 35.71 | +87 59 55.1 | 14.6 T | 945 |
| C/2008 J1 | 2008 08 21.02874 | 17 02 32.27 | +87 59 54.5 | 14.5 T | 945 |
| C/2008 J1 | 2008 08 21.02984 | 17 02 29.23 | +87 59 54.6 | 14.6 T | 945 |
| C/2008 J1 | 2008 08 21.03200 | 17 02 26.21 | +87 59 54.3 | 14.6 T | 945 |
| C/2008 J1 | 2008 08 21.03300 | 17 02 23.19 | +87 59 54.6 | 14.5 T | 945 |
| C/2008 J1 | 2008 08 22.93124 | 16 03 16.70 | +87 55 16.9 | 14.5 N | 235 |
| C/2008 J1 | 2008 08 22.94567 | 16 02 51.95 | +87 55 14.1 | 14.8 N | J38 |
| C/2008 J1 | 2008 08 22.94713 | 16 02 49.39 | +87 55 13.7 | 14.8 N | J38 |
| C/2008 J1 | 2008 08 22.95297 | 16 02 39.38 | +87 55 12.0 | 14.8 N | J38 |
| C/2008 J1 | 2008 08 23.29981 | 15 52 52.32 | +87 53 28.4 | 15.0 N | H06 |
| C/2008 J1 | 2008 08 23.95729 | 15 35 30.04 | +87 49 42.9 | 14.6 N | J52 |
| C/2008 J1 | 2008 08 23.96178 | 15 35 23.26 | +87 49 40.9 | 14.7 N | J52 |
| C/2008 J1 | 2008 08 23.96845 | 15 35 13.07 | +87 49 38.2 | 14.7 N | J52 |
| C/2008 J1 | 2008 08 23.97867 | 15 34 57.10 | +87 49 34.2 | 14.7 T | 945 |
| C/2008 J1 | 2008 08 23.97968 | 15 34 56.72 | +87 49 33.9 | 14.7 T | 945 |
| C/2008 J1 | 2008 08 23.98084 | 15 34 54.27 | +87 49 33.3 | 14.8 T | 945 |
| C/2008 J1 | 2008 08 23.98191 | 15 34 53.07 | +87 49 32.9 | 14.7 T | 945 |
| C/2008 J1 | 2008 08 23.98308 | 15 34 51.31 | +87 49 32.6 | 14.8 T | 945 |
| C/2008 J1 | 2008 08 23.98587 | 15 34 45.74 | +87 49 31.2 | 14.7 N | J53 |
| C/2008 J1 | 2008 08 24.00056 | 15 34 23.41 | +87 49 25.5 | 14.7 N | J53 |
| C/2008 J1 | 2008 08 24.00464 | 15 34 17.24 | +87 49 23.9 | 14.8 N | J53 |
| C/2008 J1 | 2008 08 24.01986 | 15 33 55.93 | +87 49 17.6 | 14.9 N | J38 |
| C/2008 J1 | 2008 08 24.02206 | 15 33 52.61 | +87 49 16.5 | 14.9 N | J38 |
| C/2008 J1 | 2008 08 24.02261 | 15 33 51.94 | +87 49 16.3 | 14.9 N | J38 |
| C/2008 J1 | 2008 08 25.10858 | 15 08 31.87 | +87 41 37.5 | 15.4 N | 750 |
| C/2008 J1 | 2008 08 25.11997 | 15 08 17.53 | +87 41 32.2 | 15.6 N | 750 |
| C/2008 J1 | 2008 08 25.13148 | 15 08 02.13 | +87 41 26.5 | 15.5 N | 750 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 J1 | 2008 08 25.94000 | 14 51 43.89 | +87 34 49.9 | 14.8 T | 945 |
| C/2008 J1 | 2008 08 25.94103 | 14 51 42.37 | +87 34 50.1 | 14.8 T | 945 |
| C/2008 J1 | 2008 08 25.94209 | 14 51 39.98 | +87 34 48.0 | 14.9 T | 945 |
| C/2008 J1 | 2008 08 25.94351 | 14 51 38.55 | +87 34 47.2 | 14.8 T | 945 |
| C/2008 J1 | 2008 08 25.94451 | 14 51 37.27 | +87 34 46.5 | 14.7 T | 945 |
| C/2008 J1 | 2008 08 27.11161 | 14 31 28.35 | +87 24 24.9 | 15.6 T | 750 |
| C/2008 J1 | 2008 08 27.12684 | 14 31 14.45 | +87 24 16.4 | 15.7 T | 750 |
| C/2008 J1 | 2008 08 27.13841 | 14 31 03.29 | +87 24 09.6 | 15.7 T | 750 |
| C/2008 J1 | 2008 08 27.85273 | 14 20 31.47 | +87 17 26.8 | 15.1 N | 215 |
| C/2008 J1 | 2008 08 27.85344 | 14 20 30.97 | +87 17 26.4 | 15.1 N | 215 |
| C/2008 J1 | 2008 08 27.85414 | 14 20 30.42 | +87 17 26.0 | 15.2 N | 215 |
| C/2008 J1 | 2008 08 27.93334 | 14 19 23.45 | +87 16 39.5 | 14.7 N | J53 |
| C/2008 J1 | 2008 08 27.93742 | 14 19 20.13 | +87 16 37.0 | 14.6 N | J53 |
| C/2008 J1 | 2008 08 27.93947 | 14 19 18.52 | +87 16 35.9 | 14.6 N | J53 |
| C/2008 J1 | 2008 08 27.94440 | 14 19 14.04 | +87 16 34.3 | 14.5 N | J51 |
| C/2008 J1 | 2008 08 27.95007 | 14 19 09.24 | +87 16 30.8 | 14.5 N | J51 |
| C/2008 J1 | 2008 08 27.95575 | 14 19 04.03 | +87 16 27.4 | 14.5 N | J51 |
| C/2008 J1 | 2008 08 29.87913 | 13 56 27.65 | +86 57 42.4 | 14.8 N | B20 |
| C/2008 J1 | 2008 08 29.89133 | 13 56 20.04 | +86 57 34.9 | 14.8 N | B20 |
| C/2008 J1 | 2008 08 29.89417 | 13 56 18.22 | +86 57 33.1 | 14.7 N | B20 |
| C/2008 J1 | 2008 08 30.92834 | 13 46 44.79 | +86 47 21.9 | 16.3 N | 510 |
| C/2008 J1 | 2008 08 30.93000 | 13 46 44.20 | +86 47 21.0 | 16.4 N | 510 |
| C/2008 J1 | 2008 08 30.93166 | 13 46 42.73 | +86 47 19.9 | 16.4 N | 510 |
| C/2008 J1 | 2008 08 31.62807 | 13 41 04.37 | +86 40 30.1 | 15.5 N | 900 |
| C/2008 J1 | 2008 08 31.63124 | 13 41 03.05 | +86 40 28.3 |        | 900 |
| C/2008 J1 | 2008 09 01.96334 | 13 31 46.46 | +86 27 40.8 | 14.5 N | J53 |
| C/2008 J1 | 2008 09 01.97150 | 13 31 43.46 | +86 27 36.1 | 14.5 N | J53 |
| C/2008 J1 | 2008 09 01.97559 | 13 31 41.98 | +86 27 33.6 | 14.5 N | J53 |
| C/2008 J1 | 2008 09 03.69774 | 13 22 10.62 | +86 11 34.5 |        | 349 |
| C/2008 J1 | 2008 09 03.70110 | 13 22 09.86 | +86 11 32.8 |        | 349 |
| C/2008 J1 | 2008 09 03.70444 | 13 22 09.00 | +86 11 30.9 | 11.8 T | 349 |
| C/2008 J1 | 2008 09 06.91172 | 13 09 26.23 | +85 44 19.3 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 06.91354 | 13 09 25.96 | +85 44 18.5 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 06.92081 | 13 09 24.61 | +85 44 14.9 | 14.8 N | J38 |
| C/2008 J1 | 2008 09 07.89237 | 13 06 32.91 | +85 36 44.0 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 07.89722 | 13 06 32.07 | +85 36 41.8 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 07.90449 | 13 06 30.76 | +85 36 38.4 | 14.6 N | J38 |
| C/2008 J1 | 2008 09 07.91934 | 13 06 29.20 | +85 36 30.9 | 14.6 T | 945 |
| C/2008 J1 | 2008 09 07.92124 | 13 06 29.09 | +85 36 30.1 | 14.6 T | 945 |
| C/2008 J1 | 2008 09 07.92236 | 13 06 28.62 | +85 36 29.5 | 14.6 T | 945 |
| C/2008 J1 | 2008 09 07.92444 | 13 06 28.71 | +85 36 28.2 | 14.6 T | 945 |
| C/2008 J1 | 2008 09 07.92565 | 13 06 27.98 | +85 36 26.6 | 14.7 T | 945 |
| C/2008 J1 | 2008 09 08.51072 | 13 04 54.31 | +85 32 08.4 | 15.5 N | 900 |
| C/2008 J1 | 2008 09 08.51691 | 13 04 53.34 | +85 32 05.4 |        | 900 |
| C/2008 J1 | 2008 09 08.81590 | 13 04 09.26 | +85 29 57.7 | 14.8 N | B20 |
| C/2008 J1 | 2008 09 08.81875 | 13 04 08.88 | +85 29 55.8 | 14.9 N | B20 |
| C/2008 J1 | 2008 09 08.82161 | 13 04 08.79 | +85 29 54.8 | 14.8 N | B20 |
| C/2008 J1 | 2008 09 08.87329 | 13 04 01.01 | +85 29 31.9 | 14.8 N | J38 |
| C/2008 J1 | 2008 09 08.87510 | 13 04 00.79 | +85 29 31.0 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 08.88235 | 13 03 59.84 | +85 29 27.7 | 14.7 N | J38 |
| C/2008 J1 | 2008 09 08.95986 | 13 03 49.54 | +85 28 52.7 | 14.6 N | 945 |
| C/2008 J1 | 2008 09 08.96128 | 13 03 49.16 | +85 28 51.5 | 14.6 N | 945 |
| C/2008 J1 | 2008 09 08.96453 | 13 03 48.79 | +85 28 51.5 | 14.5 N | 945 |

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M.P.C. 63783

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 J1 | 2008 09 08.97556 | 13 03 47.67 | +85 28 46.6 | 14.6 N | 945 |
| C/2008 J1 | 2008 09 08.98323 | 13 03 45.82 | +85 28 43.2 | 14.6 N | 945 |
| C/2008 J1 | 2008 09 10.86880 | 12 59 47.98 | +85 16 03.3 | 14.9 N | J40 |
| C/2008 J1 | 2008 09 10.90021 | 12 59 44.66 | +85 15 50.6 | 14.8 N | J40 |
| C/2008 J1 | 2008 09 10.93215 | 12 59 41.12 | +85 15 37.7 | 15.0 N | J40 |
| C/2008 J1 | 2008 09 11.49111 | 12 58 41.26 | +85 12 12.0 |        | 900 |
| C/2008 J1 | 2008 09 11.49904 | 12 58 40.71 | +85 12 09.0 | 15.7 N | 900 |
| C/2008 J1 | 2008 09 12.85911 | 12 56 35.19 | +85 04 18.3 | 15.2 N | J40 |
| C/2008 J1 | 2008 09 12.87092 | 12 56 34.25 | +85 04 14.4 | 15.1 N | J40 |
| C/2008 J1 | 2008 09 12.87655 | 12 56 33.30 | +85 04 12.8 | 14.8 N | J40 |
| C/2008 J1 | 2008 09 13.89483 | 12 55 13.70 | +84 58 52.9 | 14.6 N | J51 |
| C/2008 J1 | 2008 09 13.89839 | 12 55 13.70 | +84 58 51.7 | 14.6 N | J51 |
| C/2008 J1 | 2008 09 13.90196 | 12 55 13.75 | +84 58 50.9 | 14.6 N | J51 |
| C/2008 J1 | 2008 09 13.91266 | 12 55 13.93 | +84 58 46.1 | 15.1 N | J40 |
| C/2008 J1 | 2008 09 13.94733 | 12 55 11.93 | +84 58 35.0 | 15.1 N | J40 |
| C/2008 J1 | 2008 09 13.95490 | 12 55 11.05 | +84 58 33.6 | 14.9 N | J40 |
| C/2008 J1 | 2008 09 13.98199 | 12 55 10.19 | +84 58 24.1 | 15.1 N | J40 |
| C/2008 J1 | 2008 09 14.90455 | 12 54 07.92 | +84 54 01.6 | 14.8 N | J38 |
| C/2008 J1 | 2008 09 14.90747 | 12 54 07.77 | +84 54 00.7 | 14.8 N | J38 |
| C/2008 J1 | 2008 09 14.90893 | 12 54 07.70 | +84 54 00.3 | 14.9 N | J38 |
| C/2008 J1 | 2008 09 14.97400 | 12 54 04.10 | +84 53 41.3 | 14.8 N | 945 |
| C/2008 J1 | 2008 09 14.97737 | 12 54 03.92 | +84 53 40.2 | 14.9 N | 945 |
| C/2008 J1 | 2008 09 14.97875 | 12 54 03.91 | +84 53 40.3 | 14.8 N | 945 |
| C/2008 J1 | 2008 09 14.98001 | 12 54 03.98 | +84 53 39.9 | 14.9 N | 945 |
| C/2008 J1 | 2008 09 14.98119 | 12 54 03.88 | +84 53 39.1 | 14.9 N | 945 |

**P/2008 J2 (Beshore)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 J2 | 2008 06 12.65382 | 16 40 25.77 | -15 17 46.9 | 16.5 N | 372 |
| P/2008 J2 | 2008 06 12.66493 | 16 40 25.33 | -15 17 48.9 |        | 372 |
| P/2008 J2 | 2008 06 12.67639 | 16 40 24.72 | -15 17 51.3 |        | 372 |

**P/2008 J3 (McNaught)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 J3 | 2008 08 08.66605 | 21 45 39.81 | -49 13 56.5 | 17.1 T | E12 |
| P/2008 J3 | 2008 08 20.46346 | 21 30 40.23 | -48 48 46.6 |        | E12 |
| P/2008 J3 | 2008 08 20.46695 | 21 30 39.95 | -48 48 45.7 |        | E12 |
| P/2008 J3 | 2008 08 23.56340 | 21 26 49.83 | -48 34 01.6 | 17.5 T | 423 |
| P/2008 J3 | 2008 08 23.57844 | 21 26 48.64 | -48 33 56.3 | 17.6 T | 423 |
| P/2008 J3 | 2008 08 29.49970 | 21 19 54.54 | -47 56 21.1 | 17.0 T | 423 |
| P/2008 J3 | 2008 08 29.53130 | 21 19 52.38 | -47 56 06.9 | 17.4 T | 423 |
| P/2008 J3 | 2008 09 01.38753 | 21 16 49.30 | -47 33 43.5 | 17.4 T | 423 |
| P/2008 J3 | 2008 09 01.42665 | 21 16 46.77 | -47 33 24.4 | 17.5 T | 423 |
| P/2008 J3 | 2008 09 02.41433 | 21 15 46.43 | -47 25 03.0 | 17.5 T | 423 |
| P/2008 J3 | 2008 09 02.42455 | 21 15 45.83 | -47 24 59.0 | 16.8 T | E12 |
| P/2008 J3 | 2008 09 02.47527 | 21 15 42.66 | -47 24 31.9 | 17.5 T | 423 |

**C/2008 J5 (Garradd)**

|           |                  |             |             |        |       |
|-----------|------------------|-------------|-------------|--------|-------|
| C/2008 J5 | 2008 08 17.87623 | 17 45 02.02 | -08 00 35.0 | 19.2 N | A13   |
| C/2008 J5 | 2008 08 17.89429 | 17 45 01.14 | -08 00 19.0 | 18.7 N | A13   |
| C/2008 J5 | 2008 08 17.92215 | 17 44 59.66 | -07 59 55.6 | 19.5 N | 5 147 |
| C/2008 J5 | 2008 08 17.93042 | 17 44 59.08 | -07 59 50.1 | 19.3 N | A13   |
| C/2008 J5 | 2008 08 21.91727 | 17 41 43.93 | -06 58 17.8 | 19.0 N | 3 204 |
| C/2008 J5 | 2008 08 24.81438 | 17 39 49.55 | -06 17 43.1 | 18.5 T | 215   |
| C/2008 J5 | 2008 08 24.85485 | 17 39 48.20 | -06 17 11.8 | 19.1 N | 204   |
| C/2008 J5 | 2008 08 24.88082 | 17 39 47.28 | -06 16 50.9 |        | 204   |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 J5 | 2008 08 28.84712 | 17 37 45.32 | -05 26 23.1 | 20.4 T | 122 |
| C/2008 J5 | 2008 08 28.85507 | 17 37 45.09 | -05 26 17.8 | 20.2 T | 122 |
| C/2008 J5 | 2008 08 28.86306 | 17 37 44.88 | -05 26 11.5 | 19.7 T | 122 |

**C/2008 J6 (Hill)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 J6 | 2008 06 12.70313 | 23 13 26.35 | +26 33 22.8 | 17.5 N | 372 |
| C/2008 J6 | 2008 06 12.71424 | 23 13 26.89 | +26 33 44.4 |        | 372 |
| C/2008 J6 | 2008 08 15.60911 | 23 04 43.08 | +54 36 23.5 |        | 349 |
| C/2008 J6 | 2008 08 15.61133 | 23 04 42.99 | +54 36 25.1 |        | 349 |
| C/2008 J6 | 2008 08 15.61360 | 23 04 42.80 | +54 36 27.0 | 17.1 T | 349 |
| C/2008 J6 | 2008 08 19.01756 | 23 00 19.84 | +55 25 17.6 |        | 118 |
| C/2008 J6 | 2008 08 19.02634 | 23 00 19.01 | +55 25 22.1 |        | 118 |
| C/2008 J6 | 2008 08 21.06514 | 22 57 32.75 | +55 51 48.7 |        | 118 |
| C/2008 J6 | 2008 08 21.07107 | 22 57 32.23 | +55 51 52.6 |        | 118 |
| C/2008 J6 | 2008 08 21.91032 | 22 56 22.39 | +56 02 07.3 | 17.9 N | 235 |
| C/2008 J6 | 2008 08 24.86815 | 22 52 08.22 | +56 35 17.4 | 15.4 N | 235 |
| C/2008 J6 | 2008 08 24.95764 | 22 52 00.18 | +56 36 14.0 | 18.5 N | 213 |
| C/2008 J6 | 2008 08 24.96036 | 22 51 59.92 | +56 36 15.7 | 18.5 N | 213 |
| C/2008 J6 | 2008 08 26.33056 | 22 49 58.67 | +56 50 01.0 | 18.2 N | H45 |
| C/2008 J6 | 2008 08 26.33282 | 22 49 58.52 | +56 50 01.8 | 18.3 N | H45 |
| C/2008 J6 | 2008 08 26.33455 | 22 49 58.47 | +56 50 02.1 | 18.3 N | H45 |
| C/2008 J6 | 2008 08 26.33747 | 22 49 58.06 | +56 50 03.7 | 18.4 N | H45 |
| C/2008 J6 | 2008 08 26.33856 | 22 49 58.00 | +56 50 04.8 | 18.4 N | H45 |
| C/2008 J6 | 2008 08 27.97932 | 22 47 30.64 | +57 05 10.7 | 17.5 T | 215 |
| C/2008 J6 | 2008 08 31.82182 | 22 41 40.65 | +57 35 00.9 |        | 118 |
| C/2008 J6 | 2008 08 31.82415 | 22 41 40.43 | +57 35 02.6 |        | 118 |
| C/2008 J6 | 2008 08 31.83445 | 22 41 39.54 | +57 35 05.3 |        | 118 |
| C/2008 J6 | 2008 09 01.81809 | 22 40 09.18 | +57 41 30.2 |        | 118 |
| C/2008 J6 | 2008 09 01.82197 | 22 40 08.71 | +57 41 32.6 |        | 118 |
| C/2008 J6 | 2008 09 01.84861 | 22 40 06.35 | +57 41 43.1 | 18.0 N | A77 |
| C/2008 J6 | 2008 09 01.85479 | 22 40 05.87 | +57 41 44.4 | 18.4 N | A77 |
| C/2008 J6 | 2008 09 02.03638 | 22 39 48.59 | +57 42 52.8 | 18.3 N | B37 |
| C/2008 J6 | 2008 09 02.03884 | 22 39 48.35 | +57 42 52.8 | 18.9 N | B37 |
| C/2008 J6 | 2008 09 02.04192 | 22 39 48.10 | +57 42 54.3 | 18.8 N | B37 |
| C/2008 J6 | 2008 09 02.05177 | 22 39 47.21 | +57 42 57.5 | 18.8 N | B37 |
| C/2008 J6 | 2008 09 02.06412 | 22 39 46.05 | +57 43 02.5 | 19.1 N | B37 |
| C/2008 J6 | 2008 09 02.07280 | 22 39 45.20 | +57 43 05.3 | 19.1 N | B37 |
| C/2008 J6 | 2008 09 08.59165 | 22 29 52.33 | +58 12 08.3 | 18.5 N | 900 |
| C/2008 J6 | 2008 09 08.59660 | 22 29 51.91 | +58 12 08.3 |        | 900 |
| C/2008 J6 | 2008 09 14.96045 | 22 20 46.23 | +58 20 48.1 | 18.8 N | B37 |
| C/2008 J6 | 2008 09 14.96452 | 22 20 45.95 | +58 20 47.7 | 18.9 N | B37 |
| C/2008 J6 | 2008 09 14.97010 | 22 20 45.55 | +58 20 47.2 | 18.8 N | B37 |
| C/2008 J6 | 2008 09 14.97382 | 22 20 45.32 | +58 20 46.8 | 18.9 N | B37 |

**P/2008 L2 (Hill)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 L2 | 2008 08 12.01343 | 00 52 15.69 | +30 17 04.3 | 16.8 T | 585 |
| P/2008 L2 | 2008 08 12.01619 | 00 52 15.79 | +30 17 04.6 | 16.8 T | 585 |
| P/2008 L2 | 2008 08 12.01775 | 00 52 15.81 | +30 17 04.5 | 17.5 N | 585 |
| P/2008 L2 | 2008 08 19.04482 | 00 56 30.20 | +30 21 54.5 |        | 118 |
| P/2008 L2 | 2008 08 19.05065 | 00 56 30.34 | +30 21 54.2 |        | 118 |
| P/2008 L2 | 2008 08 19.05672 | 00 56 30.53 | +30 21 54.4 |        | 118 |
| P/2008 L2 | 2008 08 19.89659 | 00 56 56.46 | +30 21 29.6 | 16.6 N | 152 |
| P/2008 L2 | 2008 08 19.89812 | 00 56 56.58 | +30 21 29.9 | 17.2 N | 152 |
| P/2008 L2 | 2008 08 19.89956 | 00 56 56.57 | +30 21 29.5 | 17.4 N | 152 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 L2 | 2008 08 19.90098 | 00 56 56.62 | +30 21 29.7 | 15.5 N | 152 |
| P/2008 L2 | 2008 08 19.90388 | 00 56 56.67 | +30 21 29.5 | 16.3 N | 152 |
| P/2008 L2 | 2008 08 19.97629 | 00 56 58.87 | +30 21 27.8 | 17.5 N | B42 |
| P/2008 L2 | 2008 08 21.02692 | 00 57 29.55 | +30 20 38.6 | 16.7 N | J38 |
| P/2008 L2 | 2008 08 21.02941 | 00 57 29.62 | +30 20 38.3 | 16.8 N | J38 |
| P/2008 L2 | 2008 08 21.03190 | 00 57 29.72 | +30 20 38.0 | 16.8 N | J38 |
| P/2008 L2 | 2008 08 23.91884 | 00 58 45.85 | +30 16 30.8 | 16.7 N | J52 |
| P/2008 L2 | 2008 08 23.92550 | 00 58 45.99 | +30 16 30.1 | 16.8 N | J52 |
| P/2008 L2 | 2008 08 23.93214 | 00 58 46.14 | +30 16 29.4 | 16.8 N | J52 |
| P/2008 L2 | 2008 08 25.02420 | 00 59 11.49 | +30 14 14.9 |        | 046 |
| P/2008 L2 | 2008 08 25.02588 | 00 59 11.53 | +30 14 14.8 |        | 046 |
| P/2008 L2 | 2008 08 25.02666 | 00 59 11.55 | +30 14 14.6 |        | 046 |
| P/2008 L2 | 2008 08 25.02742 | 00 59 11.57 | +30 14 14.5 |        | 046 |
| P/2008 L2 | 2008 08 25.02821 | 00 59 11.59 | +30 14 14.5 |        | 046 |
| P/2008 L2 | 2008 08 25.02894 | 00 59 11.59 | +30 14 14.4 |        | 046 |
| P/2008 L2 | 2008 08 25.02969 | 00 59 11.62 | +30 14 14.3 |        | 046 |
| P/2008 L2 | 2008 08 25.03053 | 00 59 11.64 | +30 14 14.1 |        | 046 |
| P/2008 L2 | 2008 08 26.87140 | 00 59 50.89 | +30 09 30.1 | 16.7 N | A77 |
| P/2008 L2 | 2008 08 26.87915 | 00 59 51.09 | +30 09 28.6 | 17.0 N | A77 |
| P/2008 L2 | 2008 08 26.88844 | 00 59 51.25 | +30 09 27.1 | 16.8 N | A77 |
| P/2008 L2 | 2008 08 27.03913 | 00 59 53.93 | +30 09 01.4 | 16.8 T | 585 |
| P/2008 L2 | 2008 08 27.04341 | 00 59 54.01 | +30 09 00.9 | 16.7 T | 585 |
| P/2008 L2 | 2008 08 27.04487 | 00 59 54.03 | +30 09 00.8 | 16.7 T | 585 |
| P/2008 L2 | 2008 08 27.04634 | 00 59 54.04 | +30 09 00.2 | 16.8 T | 585 |
| P/2008 L2 | 2008 08 27.04797 | 00 59 54.08 | +30 09 00.1 | 17.2 N | 585 |
| P/2008 L2 | 2008 08 27.05027 | 00 59 54.10 | +30 08 59.3 | 17.1 N | 585 |
| P/2008 L2 | 2008 08 27.95679 | 01 00 11.49 | +30 06 10.8 | 17.0 T | 215 |
| P/2008 L2 | 2008 08 27.95785 | 01 00 11.51 | +30 06 10.6 | 17.0 T | 215 |
| P/2008 L2 | 2008 08 27.95890 | 01 00 11.53 | +30 06 10.3 | 16.9 T | 215 |
| P/2008 L2 | 2008 08 29.89731 | 01 00 44.24 | +29 59 13.0 | 16.7 N | 213 |
| P/2008 L2 | 2008 08 29.90162 | 01 00 44.33 | +29 59 11.2 | 16.7 N | 213 |
| P/2008 L2 | 2008 08 29.90593 | 01 00 44.39 | +29 59 10.8 | 16.7 N | 213 |
| P/2008 L2 | 2008 08 29.91909 | 01 00 44.45 | +29 59 07.5 | 16.8 N | B09 |
| P/2008 L2 | 2008 08 29.92439 | 01 00 44.52 | +29 59 06.2 | 16.9 N | B09 |
| P/2008 L2 | 2008 08 29.99606 | 01 00 45.62 | +29 58 50.4 | 16.5 N | 939 |
| P/2008 L2 | 2008 08 30.00346 | 01 00 45.72 | +29 58 48.6 | 16.5 N | 939 |
| P/2008 L2 | 2008 08 30.01457 | 01 00 45.87 | +29 58 46.0 | 16.5 N | 939 |
| P/2008 L2 | 2008 08 30.08904 | 01 00 46.98 | +29 58 29.3 | 16.8 N | J51 |
| P/2008 L2 | 2008 08 30.09183 | 01 00 46.90 | +29 58 27.5 | 16.9 N | 170 |
| P/2008 L2 | 2008 08 30.09543 | 01 00 47.07 | +29 58 27.8 | 16.6 N | J51 |
| P/2008 L2 | 2008 08 30.09546 | 01 00 46.94 | +29 58 26.7 | 17.4 N | 170 |
| P/2008 L2 | 2008 08 30.10181 | 01 00 47.03 | +29 58 25.6 | 17.2 N | B37 |
| P/2008 L2 | 2008 08 30.10183 | 01 00 47.16 | +29 58 26.3 | 16.5 N | J51 |
| P/2008 L2 | 2008 08 30.10305 | 01 00 47.06 | +29 58 25.3 | 17.2 N | B37 |
| P/2008 L2 | 2008 08 30.10555 | 01 00 47.11 | +29 58 24.8 | 17.2 N | B37 |
| P/2008 L2 | 2008 08 30.10600 | 01 00 47.11 | +29 58 24.6 | 17.2 N | B37 |
| P/2008 L2 | 2008 08 31.01465 | 01 01 00.47 | +29 54 37.1 | 16.5 N | J51 |
| P/2008 L2 | 2008 08 31.02105 | 01 01 00.55 | +29 54 35.6 | 16.4 N | J51 |
| P/2008 L2 | 2008 08 31.02744 | 01 01 00.63 | +29 54 34.2 | 16.4 N | J51 |
| P/2008 L2 | 2008 08 31.91613 | 01 01 12.31 | +29 50 32.8 | 16.3 N | J40 |
| P/2008 L2 | 2008 08 31.92040 | 01 01 12.38 | +29 50 31.6 | 16.7 N | J40 |
| P/2008 L2 | 2008 08 31.96082 | 01 01 12.84 | +29 50 21.2 | 16.2 N | J40 |
| P/2008 L2 | 2008 09 01.00783 | 01 01 13.37 | +29 50 08.3 | 16.8 N | J40 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 L2 | 2008 09 01.90176 | 01 01 23.71 | +29 45 46.0 | 17.5 N | B42 |
| P/2008 L2 | 2008 09 01.90988 | 01 01 23.81 | +29 45 43.7 | 17.5 N | B42 |
| P/2008 L2 | 2008 09 01.91777 | 01 01 23.89 | +29 45 41.3 | 17.3 N | B42 |
| P/2008 L2 | 2008 09 02.96243 | 01 01 34.70 | +29 40 15.0 | 16.4 N | J53 |
| P/2008 L2 | 2008 09 02.98263 | 01 01 34.86 | +29 40 08.9 | 16.5 N | J53 |
| P/2008 L2 | 2008 09 02.98874 | 01 01 34.91 | +29 40 07.0 | 16.4 N | J53 |
| P/2008 L2 | 2008 09 03.94924 | 01 01 43.18 | +29 34 43.4 | 16.8 N | 152 |
| P/2008 L2 | 2008 09 03.96308 | 01 01 43.26 | +29 34 38.4 | 16.7 N | 152 |
| P/2008 L2 | 2008 09 03.97650 | 01 01 43.36 | +29 34 33.9 | 17.1 N | 152 |
| P/2008 L2 | 2008 09 05.97403 | 01 01 56.85 | +29 22 17.2 | 16.5 N | 232 |
| P/2008 L2 | 2008 09 05.98152 | 01 01 56.87 | +29 22 14.2 | 16.5 N | 232 |
| P/2008 L2 | 2008 09 05.98527 | 01 01 56.89 | +29 22 12.5 | 16.5 N | 232 |
| P/2008 L2 | 2008 09 08.60498 | 01 02 06.09 | +29 03 48.4 | 16.4 N | 352 |
| P/2008 L2 | 2008 09 08.60938 | 01 02 06.07 | +29 03 46.3 |        | 352 |
| P/2008 L2 | 2008 09 08.63449 | 01 02 06.07 | +29 03 35.2 |        | 900 |
| P/2008 L2 | 2008 09 08.64068 | 01 02 06.09 | +29 03 32.4 | 16.8 N | 900 |
| P/2008 L2 | 2008 09 08.74616 | 01 02 05.97 | +29 02 44.2 |        | 349 |
| P/2008 L2 | 2008 09 08.75172 | 01 02 05.98 | +29 02 41.7 |        | 349 |
| P/2008 L2 | 2008 09 08.75729 | 01 02 05.97 | +29 02 39.0 | 16.3 T | 349 |
| P/2008 L2 | 2008 09 09.59453 | 01 02 07.23 | +28 56 10.3 |        | 900 |
| P/2008 L2 | 2008 09 09.60592 | 01 02 07.20 | +28 56 05.0 | 16.7 N | 900 |
| P/2008 L2 | 2008 09 09.61142 | 01 02 07.19 | +28 56 02.2 |        | D88 |
| P/2008 L2 | 2008 09 09.61461 | 01 02 07.12 | +28 56 00.5 |        | D88 |
| P/2008 L2 | 2008 09 09.61779 | 01 02 07.14 | +28 55 59.4 | 16.6 T | D88 |
| P/2008 L2 | 2008 09 09.96081 | 01 02 07.32 | +28 53 14.2 | 16.4 N | J38 |
| P/2008 L2 | 2008 09 09.97046 | 01 02 07.29 | +28 53 09.6 | 16.3 N | J38 |
| P/2008 L2 | 2008 09 09.97367 | 01 02 07.25 | +28 53 08.2 | 16.3 N | J38 |
| P/2008 L2 | 2008 09 13.08769 | 01 02 00.94 | +28 26 13.6 | 16.0 N | 118 |
| P/2008 L2 | 2008 09 13.08967 | 01 02 00.96 | +28 26 12.7 | 16.1 N | 118 |
| P/2008 L2 | 2008 09 13.09429 | 01 02 00.93 | +28 26 10.1 | 16.1 N | 118 |
| P/2008 L2 | 2008 09 13.91527 | 01 01 57.80 | +28 18 27.5 | 16.3 N | B49 |
| P/2008 L2 | 2008 09 13.92538 | 01 01 57.71 | +28 18 21.7 | 16.0 N | B49 |
| P/2008 L2 | 2008 09 13.98619 | 01 01 57.49 | +28 17 48.0 | 16.1 N | J51 |
| P/2008 L2 | 2008 09 13.99233 | 01 01 57.44 | +28 17 44.5 | 16.1 N | J51 |
| P/2008 L2 | 2008 09 13.99847 | 01 01 57.39 | +28 17 41.2 | 16.0 N | J51 |
| P/2008 L2 | 2008 09 14.91247 | 01 01 52.50 | +28 08 45.2 | 16.9 N | J28 |
| P/2008 L2 | 2008 09 14.91796 | 01 01 52.48 | +28 08 41.3 | 15.9 N | J28 |
| P/2008 L2 | 2008 09 14.92644 | 01 01 52.43 | +28 08 36.7 | 16.0 N | J28 |
| P/2008 L2 | 2008 09 14.93384 | 01 01 52.37 | +28 08 32.3 | 16.5 N | J28 |

## C/2008 N1 (Holmes)

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 N1 | 2008 07 27.70660 | 23 28 12.01 | +16 45 36.5 | 18.9 N | 372 |
| C/2008 N1 | 2008 08 10.87711 | 23 13 47.06 | +17 44 39.8 | 18.9 N | 473 |
| C/2008 N1 | 2008 08 18.24979 | 23 04 50.66 | +18 06 20.0 | 19.2 N | H55 |
| C/2008 N1 | 2008 08 18.25509 | 23 04 50.26 | +18 06 21.0 | 19.1 N | H55 |
| C/2008 N1 | 2008 08 18.26039 | 23 04 49.84 | +18 06 21.6 | 19.2 N | H55 |
| C/2008 N1 | 2008 08 18.26570 | 23 04 49.44 | +18 06 22.3 | 19.0 N | H55 |
| C/2008 N1 | 2008 08 18.27206 | 23 04 48.95 | +18 06 23.3 | 19.1 N | H55 |
| C/2008 N1 | 2008 08 18.98129 | 23 03 54.62 | +18 08 04.1 |        | 118 |
| C/2008 N1 | 2008 08 18.99144 | 23 03 53.79 | +18 08 05.9 |        | 118 |
| C/2008 N1 | 2008 08 21.65742 | 23 00 25.31 | +18 13 51.0 | 18.5 N | 900 |
| C/2008 N1 | 2008 08 21.66376 | 23 00 24.86 | +18 13 48.9 |        | 900 |
| C/2008 N1 | 2008 08 22.04363 | 22 59 54.60 | +18 14 36.7 | 19 T   | 461 |

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M.P.C. 63785

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 N1 | 2008 08 22.04814 | 22 59 54.24 | +18 14 37.2 |        | 461 |
| C/2008 N1 | 2008 08 22.05266 | 22 59 53.88 | +18 14 37.7 |        | 461 |
| C/2008 N1 | 2008 08 22.05723 | 22 59 53.50 | +18 14 38.1 |        | 461 |
| C/2008 N1 | 2008 08 23.02777 | 22 58 35.85 | +18 16 25.4 | 18.5 T | 461 |
| C/2008 N1 | 2008 08 23.03380 | 22 58 35.36 | +18 16 26.0 |        | 461 |
| C/2008 N1 | 2008 08 23.04229 | 22 58 34.65 | +18 16 26.9 |        | 461 |
| C/2008 N1 | 2008 08 23.96490 | 22 57 20.20 | +18 18 00.5 | 18.8 N | 147 |
| C/2008 N1 | 2008 08 23.96708 | 22 57 20.02 | +18 18 00.8 | 18.8 N | 147 |
| C/2008 N1 | 2008 08 23.96927 | 22 57 19.85 | +18 18 01.1 | 18.6 N | 147 |
| C/2008 N1 | 2008 08 24.89321 | 22 56 04.58 | +18 19 27.4 |        | 246 |
| C/2008 N1 | 2008 08 24.89381 | 22 56 04.53 | +18 19 27.7 |        | 246 |
| C/2008 N1 | 2008 08 24.89521 | 22 56 04.40 | +18 19 27.8 |        | 246 |
| C/2008 N1 | 2008 08 24.89600 | 22 56 04.32 | +18 19 27.6 |        | 246 |
| C/2008 N1 | 2008 08 25.04053 | 22 55 52.36 | +18 19 40.5 |        | 046 |
| C/2008 N1 | 2008 08 25.04153 | 22 55 52.29 | +18 19 40.2 |        | 046 |
| C/2008 N1 | 2008 08 25.04228 | 22 55 52.27 | +18 19 40.5 |        | 046 |
| C/2008 N1 | 2008 08 25.04302 | 22 55 52.20 | +18 19 40.0 |        | 046 |
| C/2008 N1 | 2008 08 25.04377 | 22 55 52.14 | +18 19 41.0 |        | 046 |
| C/2008 N1 | 2008 08 25.04455 | 22 55 52.08 | +18 19 40.9 |        | 046 |
| C/2008 N1 | 2008 08 25.04530 | 22 55 52.02 | +18 19 41.0 |        | 046 |
| C/2008 N1 | 2008 08 25.04606 | 22 55 51.95 | +18 19 41.1 |        | 046 |
| C/2008 N1 | 2008 08 25.04684 | 22 55 51.88 | +18 19 40.7 |        | 046 |
| C/2008 N1 | 2008 08 26.34166 | 22 54 05.15 | +18 21 27.9 | 18.7 T | H45 |
| C/2008 N1 | 2008 08 26.34300 | 22 54 05.00 | +18 21 27.9 | 18.8 T | H45 |
| C/2008 N1 | 2008 08 26.34483 | 22 54 04.90 | +18 21 28.1 | 18.7 T | H45 |
| C/2008 N1 | 2008 08 26.36586 | 22 54 03.08 | +18 21 29.5 | 18.8 T | H45 |
| C/2008 N1 | 2008 08 26.36784 | 22 54 02.89 | +18 21 29.8 | 18.9 T | H45 |
| C/2008 N1 | 2008 08 26.80174 | 22 53 27.11 | +18 22 01.2 | 19.0 N | 104 |
| C/2008 N1 | 2008 08 26.81237 | 22 53 26.24 | +18 22 02.0 | 19.1 N | 104 |
| C/2008 N1 | 2008 08 26.81513 | 22 53 25.98 | +18 22 02.2 | 19.1 N | 104 |
| C/2008 N1 | 2008 08 26.82119 | 22 53 25.48 | +18 22 02.8 | 18.7 N | 104 |
| C/2008 N1 | 2008 08 27.95128 | 22 51 50.94 | +18 23 17.8 |        | 246 |
| C/2008 N1 | 2008 08 27.95199 | 22 51 50.87 | +18 23 17.6 |        | 246 |
| C/2008 N1 | 2008 08 27.95274 | 22 51 50.82 | +18 23 17.7 |        | 246 |
| C/2008 N1 | 2008 08 27.95348 | 22 51 50.77 | +18 23 17.8 |        | 246 |
| C/2008 N1 | 2008 08 27.95436 | 22 51 50.69 | +18 23 18.1 |        | 246 |
| C/2008 N1 | 2008 08 27.95547 | 22 51 50.59 | +18 23 17.8 |        | 246 |
| C/2008 N1 | 2008 08 27.97272 | 22 51 49.12 | +18 23 19.5 | 18.7 T | 215 |
| C/2008 N1 | 2008 08 27.97378 | 22 51 49.03 | +18 23 19.6 | 18.6 T | 215 |
| C/2008 N1 | 2008 08 27.97484 | 22 51 48.95 | +18 23 19.7 | 18.2 T | 215 |
| C/2008 N1 | 2008 08 28.90066 | 22 50 31.04 | +18 24 11.5 | 18.6 N | B26 |
| C/2008 N1 | 2008 08 29.05179 | 22 50 18.13 | +18 24 19.5 | 18.5 N | B26 |
| C/2008 N1 | 2008 08 29.17437 | 22 50 07.88 | +18 24 26.5 | 18.8 N | H45 |
| C/2008 N1 | 2008 08 29.17925 | 22 50 07.45 | +18 24 26.6 | 18.8 N | H45 |
| C/2008 N1 | 2008 08 29.18053 | 22 50 07.35 | +18 24 26.6 | 18.7 N | H45 |
| C/2008 N1 | 2008 08 29.18198 | 22 50 07.25 | +18 24 26.6 | 18.8 N | H45 |
| C/2008 N1 | 2008 08 29.18373 | 22 50 07.09 | +18 24 26.6 | 18.8 N | H45 |
| C/2008 N1 | 2008 08 29.18696 | 22 50 06.79 | +18 24 26.7 | 18.8 N | H45 |
| C/2008 N1 | 2008 08 30.02571 | 22 48 55.50 | +18 25 05.4 | 18.4 N | B37 |
| C/2008 N1 | 2008 08 30.03434 | 22 48 54.74 | +18 25 05.5 | 18.0 N | B37 |
| C/2008 N1 | 2008 08 30.04791 | 22 48 53.54 | +18 25 06.2 | 18.1 N | B37 |
| C/2008 N1 | 2008 08 30.93058 | 22 47 38.26 | +18 25 38.9 | 18.1 N | 213 |
| C/2008 N1 | 2008 08 30.93170 | 22 47 38.19 | +18 25 39.1 | 18.1 N | 213 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 N1 | 2008 08 30.93282 | 22 47 38.07 | +18 25 39.0 | 18.2 N | 213 |
| C/2008 N1 | 2008 08 31.16984 | 22 47 17.79 | +18 25 47.0 | 18.7 N | H55 |
| C/2008 N1 | 2008 08 31.18210 | 22 47 16.73 | +18 25 47.3 | 18.6 N | H55 |
| C/2008 N1 | 2008 08 31.18516 | 22 47 16.47 | +18 25 47.4 | 18.7 N | H55 |
| C/2008 N1 | 2008 08 31.97926 | 22 46 08.28 | +18 26 09.6 | 18.0 N | J47 |
| C/2008 N1 | 2008 08 31.98434 | 22 46 07.85 | +18 26 09.7 | 18.1 N | J47 |
| C/2008 N1 | 2008 08 31.98943 | 22 46 07.38 | +18 26 10.5 | 18.3 N | J47 |
| C/2008 N1 | 2008 09 01.94123 | 22 44 45.06 | +18 26 29.3 | 18.0 N | 585 |
| C/2008 N1 | 2008 09 01.94468 | 22 44 44.78 | +18 26 27.6 | 17.7 N | 585 |
| C/2008 N1 | 2008 09 01.94615 | 22 44 44.63 | +18 26 27.2 | 18.0 N | 585 |
| C/2008 N1 | 2008 09 01.94760 | 22 44 44.50 | +18 26 27.3 | 18.1 N | 585 |
| C/2008 N1 | 2008 09 01.94907 | 22 44 44.41 | +18 26 27.4 | 17.7 N | 585 |
| C/2008 N1 | 2008 09 01.95201 | 22 44 44.13 | +18 26 28.1 | 17.8 N | 585 |
| C/2008 N1 | 2008 09 02.32095 | 22 44 12.21 | +18 26 32.3 | 18.3 T | 673 |
| C/2008 N1 | 2008 09 02.32581 | 22 44 11.79 | +18 26 32.5 |        | 673 |
| C/2008 N1 | 2008 09 02.33067 | 22 44 11.37 | +18 26 32.7 |        | 673 |
| C/2008 N1 | 2008 09 02.33553 | 22 44 10.95 | +18 26 32.9 |        | 673 |
| C/2008 N1 | 2008 09 02.89279 | 22 43 22.59 | +18 26 36.8 | 18.0 N | 213 |
| C/2008 N1 | 2008 09 02.89554 | 22 43 22.34 | +18 26 36.7 | 18.0 N | 213 |
| C/2008 N1 | 2008 09 02.89774 | 22 43 22.08 | +18 26 37.1 | 18.1 N | 213 |
| C/2008 N1 | 2008 09 03.00689 | 22 43 12.56 | +18 26 37.7 | 18.1 N | J40 |
| C/2008 N1 | 2008 09 03.01371 | 22 43 11.99 | +18 26 37.3 | 18.2 N | J40 |
| C/2008 N1 | 2008 09 03.01672 | 22 43 11.72 | +18 26 37.0 | 17.7 N | J40 |
| C/2008 N1 | 2008 09 06.15681 | 22 38 37.04 | +18 26 05.0 | 18.7 N | H45 |
| C/2008 N1 | 2008 09 06.15872 | 22 38 36.90 | +18 26 05.0 | 18.7 N | H45 |
| C/2008 N1 | 2008 09 06.16108 | 22 38 36.67 | +18 26 05.0 | 18.9 N | H45 |
| C/2008 N1 | 2008 09 06.16453 | 22 38 36.39 | +18 26 04.9 | 18.8 N | H45 |
| C/2008 N1 | 2008 09 06.16669 | 22 38 36.17 | +18 26 04.8 | 18.8 N | H45 |
| C/2008 N1 | 2008 09 06.16887 | 22 38 35.98 | +18 26 04.8 | 18.8 N | H45 |
| C/2008 N1 | 2008 09 07.25599 | 22 37 00.15 | +18 25 32.6 | 18.9 T | 704 |
| C/2008 N1 | 2008 09 07.26940 | 22 36 58.94 | +18 25 32.1 | 19.2 T | 704 |
| C/2008 N1 | 2008 09 07.28296 | 22 36 57.78 | +18 25 31.9 | 19.0 T | 704 |
| C/2008 N1 | 2008 09 07.29635 | 22 36 56.58 | +18 25 31.2 | 18.9 T | 704 |
| C/2008 N1 | 2008 09 07.30972 | 22 36 55.39 | +18 25 31.6 | 19.1 T | 704 |
| C/2008 N1 | 2008 09 07.98653 | 22 35 55.70 | +18 25 04.0 | 18.7 N | B37 |
| C/2008 N1 | 2008 09 07.98777 | 22 35 55.53 | +18 25 04.5 | 18.8 N | B37 |
| C/2008 N1 | 2008 09 07.98839 | 22 35 55.52 | +18 25 04.6 | 18.9 N | B37 |
| C/2008 N1 | 2008 09 08.56891 | 22 35 04.28 | +18 24 38.4 | 17.8 N | 900 |
| C/2008 N1 | 2008 09 08.57684 | 22 35 03.46 | +18 24 38.4 |        | 900 |
| C/2008 N1 | 2008 09 08.84935 | 22 34 39.44 | +18 24 25.2 | 18.9 N | B26 |
| C/2008 N1 | 2008 09 08.90722 | 22 34 34.25 | +18 24 21.3 | 18.3 N | 585 |
| C/2008 N1 | 2008 09 08.91007 | 22 34 34.10 | +18 24 21.3 | 18.2 N | 585 |
| C/2008 N1 | 2008 09 08.91153 | 22 34 33.89 | +18 24 21.3 | 18.2 N | 585 |
| C/2008 N1 | 2008 09 08.91302 | 22 34 33.77 | +18 24 21.3 | 18.3 N | 585 |
| C/2008 N1 | 2008 09 08.96786 | 22 34 28.96 | +18 24 18.3 | 18.1 N | 130 |
| C/2008 N1 | 2008 09 08.96911 | 22 34 28.81 | +18 24 18.7 | 18.4 N | 130 |
| C/2008 N1 | 2008 09 08.97037 | 22 34 28.71 | +18 24 18.8 | 18.3 N | 130 |
| C/2008 N1 | 2008 09 08.97138 | 22 34 28.63 | +18 24 17.8 | 18.1 N | 130 |
| C/2008 N1 | 2008 09 09.91797 | 22 33 04.88 | +18 23 26.2 |        | 246 |
| C/2008 N1 | 2008 09 09.91914 | 22 33 04.79 | +18 23 26.4 |        | 246 |
| C/2008 N1 | 2008 09 09.92091 | 22 33 04.61 | +18 23 25.8 |        | 246 |
| C/2008 N1 | 2008 09 09.92163 | 22 33 04.54 | +18 23 25.9 |        | 246 |
| C/2008 N1 | 2008 09 09.92244 | 22 33 04.47 | +18 23 26.0 |        | 246 |

|                      |                  |             |             |        |     |           |                  |             |             |        |     |
|----------------------|------------------|-------------|-------------|--------|-----|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 N1            | 2008 09 09.92340 | 22 33 04.40 | +18 23 25.9 |        | 246 | P/2008 O2 | 2008 08 24.85675 | 21 13 31.91 | -17 30 17.6 |        | 246 |
| C/2008 N1            | 2008 09 09.92444 | 22 33 04.31 | +18 23 25.7 |        | 246 | P/2008 O2 | 2008 08 24.97775 | 21 13 27.40 | -17 30 22.7 | 17.8 N | 204 |
| C/2008 N1            | 2008 09 09.98280 | 22 32 59.01 | +18 23 23.4 | 17.7 N | J47 | P/2008 O2 | 2008 08 24.98300 | 21 13 27.20 | -17 30 22.8 |        | 204 |
| C/2008 N1            | 2008 09 09.98507 | 22 32 58.89 | +18 23 23.7 | 17.7 N | J47 | P/2008 O2 | 2008 08 25.08407 | 21 13 23.65 | -17 30 23.1 | 19.4 N | I32 |
| C/2008 N1            | 2008 09 09.98857 | 22 32 58.63 | +18 23 23.8 | 17.3 N | J47 | P/2008 O2 | 2008 08 25.98363 | 21 12 51.12 | -17 31 02.3 | 18.5 N | J47 |
| C/2008 N1            | 2008 09 10.88930 | 22 31 38.93 | +18 22 25.6 | 18.7 N | J47 | P/2008 O2 | 2008 08 25.98834 | 21 12 50.93 | -17 31 02.6 | 18.9 N | J47 |
| C/2008 N1            | 2008 09 10.89305 | 22 31 38.59 | +18 22 24.9 | 18.5 N | J47 | P/2008 O2 | 2008 08 25.98887 | 21 12 50.90 | -17 31 02.6 | 19.0 N | J47 |
| C/2008 N1            | 2008 09 10.90175 | 22 31 37.79 | +18 22 23.6 | 18.5 N | J47 | P/2008 O2 | 2008 08 25.99414 | 21 12 50.71 | -17 31 02.7 | 19.1 N | J47 |
| C/2008 N1            | 2008 09 10.98012 | 22 31 30.71 | +18 22 18.9 | 17.9 N | J29 | P/2008 O2 | 2008 08 27.92678 | 21 11 42.38 | -17 32 15.6 |        | 246 |
| C/2008 N1            | 2008 09 10.99220 | 22 31 29.70 | +18 22 18.1 | 18.1 N | J29 | P/2008 O2 | 2008 08 27.92847 | 21 11 42.29 | -17 32 13.7 |        | 246 |
| C/2008 N1            | 2008 09 11.00327 | 22 31 28.65 | +18 22 17.7 | 18.2 N | J29 | P/2008 O2 | 2008 08 27.92910 | 21 11 42.24 | -17 32 14.0 |        | 246 |
| C/2008 N1            | 2008 09 11.57278 | 22 30 38.31 | +18 21 36.2 |        | 900 | P/2008 O2 | 2008 08 27.93076 | 21 11 42.23 | -17 32 14.1 |        | 246 |
| C/2008 N1            | 2008 09 11.58176 | 22 30 37.44 | +18 21 35.1 | 18.5 N | 900 | P/2008 O2 | 2008 08 27.93150 | 21 11 42.23 | -17 32 13.7 |        | 246 |
| C/2008 N1            | 2008 09 12.90259 | 22 28 40.56 | +18 19 50.5 | 18.4 N | J47 | P/2008 O2 | 2008 08 27.93214 | 21 11 42.20 | -17 32 14.8 |        | 246 |
| C/2008 N1            | 2008 09 12.90270 | 22 28 40.44 | +18 19 50.4 | 18.0 N | J28 | P/2008 O2 | 2008 08 27.93853 | 21 11 41.87 | -17 32 14.0 | 18.0 T | 215 |
| C/2008 N1            | 2008 09 12.91468 | 22 28 39.46 | +18 19 48.5 | 17.8 N | J47 | P/2008 O2 | 2008 08 27.93959 | 21 11 41.83 | -17 32 14.0 | 18.0 T | 215 |
| C/2008 N1            | 2008 09 12.91831 | 22 28 39.15 | +18 19 48.9 | 18.3 N | J47 | P/2008 O2 | 2008 08 27.94064 | 21 11 41.79 | -17 32 14.1 | 18.0 T | 215 |
| C/2008 N1            | 2008 09 12.93444 | 22 28 37.70 | +18 19 47.6 | 18.5 N | J47 | P/2008 O2 | 2008 08 28.86416 | 21 11 09.86 | -17 32 43.1 | 17.7 N | A77 |
| P/2008 O2 (McNaught) |                  |             |             |        |     | P/2008 O2 | 2008 08 28.86754 | 21 11 09.76 | -17 32 43.2 | 18.1 N | B26 |
| P/2008 O2            | 2008 08 11.97966 | 21 21 46.78 | -17 18 13.3 | 17.2 N | 585 | P/2008 O2 | 2008 08 28.86879 | 21 11 09.70 | -17 32 43.2 | 17.8 N | A77 |
| P/2008 O2            | 2008 08 11.98112 | 21 21 46.71 | -17 18 13.6 | 17.2 N | 585 | P/2008 O2 | 2008 08 28.87340 | 21 11 09.55 | -17 32 43.4 | 17.6 N | A77 |
| P/2008 O2            | 2008 08 11.98464 | 21 21 46.48 | -17 18 14.7 | 17.1 N | 585 | P/2008 O2 | 2008 08 29.03814 | 21 11 03.75 | -17 32 49.6 | 18.1 N | B26 |
| P/2008 O2            | 2008 08 11.98610 | 21 21 46.41 | -17 18 15.2 | 17.2 N | 585 | P/2008 O2 | 2008 08 29.95283 | 21 10 32.70 | -17 33 14.9 | 17.7 N | 213 |
| P/2008 O2            | 2008 08 18.92818 | 21 17 14.56 | -17 25 26.5 |        | 118 | P/2008 O2 | 2008 08 29.95785 | 21 10 32.54 | -17 33 15.0 | 17.7 N | 213 |
| P/2008 O2            | 2008 08 18.93732 | 21 17 14.21 | -17 25 27.7 |        | 118 | P/2008 O2 | 2008 08 29.96414 | 21 10 32.36 | -17 33 14.9 | 17.7 N | 213 |
| P/2008 O2            | 2008 08 19.60374 | 21 16 48.57 | -17 26 00.1 | 17.7 T | E12 | P/2008 O2 | 2008 08 30.83273 | 21 10 03.37 | -17 33 38.1 |        | 246 |
| P/2008 O2            | 2008 08 21.60127 | 21 15 32.53 | -17 27 47.2 |        | 900 | P/2008 O2 | 2008 08 30.83338 | 21 10 03.36 | -17 33 37.9 |        | 246 |
| P/2008 O2            | 2008 08 21.60920 | 21 15 32.28 | -17 27 47.6 | 18.3 N | 900 | P/2008 O2 | 2008 08 30.83402 | 21 10 03.35 | -17 33 38.1 |        | 246 |
| P/2008 O2            | 2008 08 21.80938 | 21 15 24.84 | -17 27 58.2 | 18.6 N | 104 | P/2008 O2 | 2008 08 30.83475 | 21 10 03.30 | -17 33 38.5 |        | 246 |
| P/2008 O2            | 2008 08 21.82262 | 21 15 24.38 | -17 27 57.6 | 18.5 N | 104 | P/2008 O2 | 2008 08 30.83544 | 21 10 03.31 | -17 33 38.2 |        | 246 |
| P/2008 O2            | 2008 08 21.83312 | 21 15 23.96 | -17 27 59.1 | 18.5 N | 104 | P/2008 O2 | 2008 08 30.83610 | 21 10 03.25 | -17 33 37.7 |        | 246 |
| P/2008 O2            | 2008 08 21.83959 | 21 15 23.70 | -17 27 59.3 | 18.2 N | 104 | P/2008 O2 | 2008 08 30.83683 | 21 10 03.26 | -17 33 38.1 |        | 246 |
| P/2008 O2            | 2008 08 22.23044 | 21 15 09.05 | -17 28 18.1 | 17.4 T | 673 | P/2008 O2 | 2008 08 30.88934 | 21 10 01.46 | -17 33 39.4 |        | 046 |
| P/2008 O2            | 2008 08 22.23623 | 21 15 08.83 | -17 28 18.3 |        | 673 | P/2008 O2 | 2008 08 30.89198 | 21 10 01.39 | -17 33 39.3 |        | 046 |
| P/2008 O2            | 2008 08 22.24248 | 21 15 08.60 | -17 28 18.5 |        | 673 | P/2008 O2 | 2008 08 30.89288 | 21 10 01.33 | -17 33 39.2 |        | 046 |
| P/2008 O2            | 2008 08 22.24896 | 21 15 08.35 | -17 28 18.8 |        | 673 | P/2008 O2 | 2008 08 30.89367 | 21 10 01.36 | -17 33 40.1 |        | 046 |
| P/2008 O2            | 2008 08 23.50421 | 21 14 21.60 | -17 29 14.7 | 18.3 T | 423 | P/2008 O2 | 2008 08 30.89442 | 21 10 01.28 | -17 33 39.6 |        | 046 |
| P/2008 O2            | 2008 08 23.53280 | 21 14 20.43 | -17 29 16.4 | 18.4 T | 423 | P/2008 O2 | 2008 08 30.89523 | 21 10 01.26 | -17 33 39.9 |        | 046 |
| P/2008 O2            | 2008 08 23.93188 | 21 14 05.69 | -17 29 36.9 | 18.8 N | 147 | P/2008 O2 | 2008 08 30.89602 | 21 10 01.22 | -17 33 40.2 |        | 046 |
| P/2008 O2            | 2008 08 24.20360 | 21 13 55.77 | -17 29 49.8 | 18.5 T | 704 | P/2008 O2 | 2008 08 30.92206 | 21 10 00.35 | -17 33 40.6 | 18.5 N | 232 |
| P/2008 O2            | 2008 08 24.21665 | 21 13 55.25 | -17 29 50.2 | 18.6 T | 704 | P/2008 O2 | 2008 08 30.92956 | 21 10 00.09 | -17 33 40.7 | 18.5 N | 232 |
| P/2008 O2            | 2008 08 24.22968 | 21 13 54.78 | -17 29 50.7 | 18.8 T | 704 | P/2008 O2 | 2008 08 30.93705 | 21 09 59.84 | -17 33 40.7 | 18.5 N | 232 |
| P/2008 O2            | 2008 08 24.24270 | 21 13 54.29 | -17 29 51.5 | 19.1 T | 704 | P/2008 O2 | 2008 08 31.58128 | 21 09 38.62 | -17 33 55.3 | 18.2 N | 900 |
| P/2008 O2            | 2008 08 24.25590 | 21 13 53.75 | -17 29 51.6 | 18.9 T | 704 | P/2008 O2 | 2008 08 31.58921 | 21 09 38.37 | -17 33 55.7 |        | 900 |
| P/2008 O2            | 2008 08 24.84606 | 21 13 32.30 | -17 30 17.0 |        | 246 | P/2008 O2 | 2008 09 01.46910 | 21 09 09.92 | -17 34 11.3 | 18.2 T | 423 |
| P/2008 O2            | 2008 08 24.84684 | 21 13 32.26 | -17 30 16.8 |        | 246 | P/2008 O2 | 2008 09 01.50483 | 21 09 08.72 | -17 34 11.9 | 18.1 T | 423 |
| P/2008 O2            | 2008 08 24.84757 | 21 13 32.26 | -17 30 17.0 |        | 246 | P/2008 O2 | 2008 09 01.81771 | 21 08 58.81 | -17 34 20.7 | 18.3 N | B26 |
| P/2008 O2            | 2008 08 24.84910 | 21 13 32.23 | -17 30 17.2 |        | 246 | P/2008 O2 | 2008 09 01.88472 | 21 08 56.61 | -17 34 21.7 | 18.0 N | 585 |
| P/2008 O2            | 2008 08 24.84988 | 21 13 32.17 | -17 30 17.2 |        | 246 | P/2008 O2 | 2008 09 01.89096 | 21 08 56.42 | -17 34 21.8 | 18.2 N | 585 |
| P/2008 O2            | 2008 08 24.85339 | 21 13 32.03 | -17 30 17.2 |        | 246 | P/2008 O2 | 2008 09 01.89694 | 21 08 56.28 | -17 34 21.2 | 18.1 N | 585 |
| P/2008 O2            | 2008 08 24.85505 | 21 13 32.00 | -17 30 17.4 |        | 246 | P/2008 O2 | 2008 09 01.90426 | 21 08 55.99 | -17 34 22.4 | 17.8 N | 585 |
| P/2008 O2            | 2008 08 24.85586 | 21 13 31.93 | -17 30 17.5 |        | 246 | P/2008 O2 | 2008 09 01.91013 | 21 08 55.72 | -17 34 22.9 | 17.8 N | 585 |
|                      |                  |             |             |        |     | P/2008 O2 | 2008 09 01.91541 | 21 08 55.57 | -17 34 23.0 | 18.0 N | 585 |

2008 SEPT. 17

M.P.C. 63787

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 O2 | 2008 09 01.92166 | 21 08 55.35 | -17 34 21.9 | 17.5 N | 585 |
| P/2008 O2 | 2008 09 01.98441 | 21 08 53.42 | -17 34 23.5 | 18.1 N | J53 |
| P/2008 O2 | 2008 09 01.98971 | 21 08 53.23 | -17 34 23.8 | 18.0 N | J53 |
| P/2008 O2 | 2008 09 01.99537 | 21 08 53.03 | -17 34 24.2 | 18.0 N | J53 |
| P/2008 O2 | 2008 09 02.82850 | 21 08 26.99 | -17 34 38.0 |        | 246 |
| P/2008 O2 | 2008 09 02.83005 | 21 08 26.95 | -17 34 38.6 |        | 246 |
| P/2008 O2 | 2008 09 02.83164 | 21 08 26.85 | -17 34 38.3 |        | 246 |
| P/2008 O2 | 2008 09 02.83330 | 21 08 26.77 | -17 34 38.4 |        | 246 |
| P/2008 O2 | 2008 09 02.83515 | 21 08 26.75 | -17 34 38.1 |        | 246 |
| P/2008 O2 | 2008 09 02.83601 | 21 08 26.73 | -17 34 38.1 |        | 246 |
| P/2008 O2 | 2008 09 02.83778 | 21 08 26.69 | -17 34 38.6 |        | 246 |
| P/2008 O2 | 2008 09 02.83958 | 21 08 26.59 | -17 34 38.8 |        | 246 |
| P/2008 O2 | 2008 09 02.89735 | 21 08 24.69 | -17 34 38.4 | 17.1 N | A71 |
| P/2008 O2 | 2008 09 02.90088 | 21 08 24.59 | -17 34 38.8 | 17.3 N | A71 |
| P/2008 O2 | 2008 09 02.90440 | 21 08 24.56 | -17 34 39.1 | 16.9 N | A71 |
| P/2008 O2 | 2008 09 04.85463 | 21 07 25.35 | -17 35 01.4 | 18.1 N | 213 |
| P/2008 O2 | 2008 09 04.85756 | 21 07 25.27 | -17 35 01.4 | 18.1 N | 213 |
| P/2008 O2 | 2008 09 04.95132 | 21 07 22.36 | -17 35 01.8 | 18.1 N | B37 |
| P/2008 O2 | 2008 09 04.97583 | 21 07 21.61 | -17 35 02.8 | 18.2 N | B37 |
| P/2008 O2 | 2008 09 04.98039 | 21 07 21.43 | -17 35 04.0 | 18.3 N | B37 |
| P/2008 O2 | 2008 09 07.87455 | 21 05 59.40 | -17 35 09.7 | 17.9 N | J47 |
| P/2008 O2 | 2008 09 07.88097 | 21 05 59.24 | -17 35 09.9 | 18.2 N | J47 |
| P/2008 O2 | 2008 09 07.88668 | 21 05 59.17 | -17 35 10.6 | 18.1 N | J47 |
| P/2008 O2 | 2008 09 08.53204 | 21 05 41.67 | -17 35 09.0 |        | 900 |
| P/2008 O2 | 2008 09 08.53997 | 21 05 41.41 | -17 35 09.4 | 17.3 N | 900 |
| P/2008 O2 | 2008 09 08.81637 | 21 05 34.03 | -17 35 09.0 | 18.0 N | 585 |
| P/2008 O2 | 2008 09 08.82216 | 21 05 33.98 | -17 35 07.5 | 17.9 N | 585 |
| P/2008 O2 | 2008 09 09.48608 | 21 05 16.43 | -17 34 59.7 | 17.7 T | 423 |
| P/2008 O2 | 2008 09 09.50715 | 21 05 15.95 | -17 35 00.0 | 17.8 T | 423 |
| P/2008 O2 | 2008 09 09.88950 | 21 05 06.21 | -17 34 59.1 | 18.3 N | J47 |
| P/2008 O2 | 2008 09 09.88974 | 21 05 06.18 | -17 34 58.9 | 17.8 N | J47 |
| P/2008 O2 | 2008 09 09.89796 | 21 05 05.76 | -17 35 00.0 | 17.2 N | J47 |

**P/2008 O3 (Boattini)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 O3 | 2008 08 03.10279 | 04 27 17.01 | +21 58 21.9 | 19.8 N | 204 |
| P/2008 O3 | 2008 08 21.06260 | 04 51 42.38 | +25 36 43.7 | 20 T   | 461 |
| P/2008 O3 | 2008 08 21.07633 | 04 51 43.50 | +25 36 52.7 |        | 461 |
| P/2008 O3 | 2008 08 31.46979 | 05 04 19.90 | +27 44 38.8 | 19.8 T | 673 |
| P/2008 O3 | 2008 08 31.48183 | 05 04 20.70 | +27 44 47.6 |        | 673 |
| P/2008 O3 | 2008 08 31.49120 | 05 04 21.35 | +27 44 54.9 |        | 673 |
| P/2008 O3 | 2008 08 31.50301 | 05 04 22.15 | +27 45 03.9 |        | 673 |
| P/2008 O3 | 2008 09 02.03366 | 05 06 06.44 | +28 04 04.3 | 19.4 N | 585 |
| P/2008 O3 | 2008 09 02.03615 | 05 06 06.55 | +28 04 06.0 | 19.3 N | 585 |
| P/2008 O3 | 2008 09 02.04025 | 05 06 06.79 | +28 04 08.4 | 19.4 N | 585 |
| P/2008 O3 | 2008 09 02.04237 | 05 06 07.09 | +28 04 09.5 | 19.4 N | 585 |
| P/2008 O3 | 2008 09 02.04530 | 05 06 07.28 | +28 04 12.7 | 19.3 N | 585 |
| P/2008 O3 | 2008 09 02.46817 | 05 06 35.57 | +28 09 29.9 | 19.8 T | 673 |
| P/2008 O3 | 2008 09 02.47928 | 05 06 36.31 | +28 09 38.1 |        | 673 |
| P/2008 O3 | 2008 09 02.49039 | 05 06 37.09 | +28 09 47.0 |        | 673 |
| P/2008 O3 | 2008 09 02.50150 | 05 06 37.81 | +28 09 55.1 |        | 673 |
| P/2008 O3 | 2008 09 02.51817 | 05 06 38.92 | +28 10 08.0 |        | 673 |
| P/2008 O3 | 2008 09 08.45174 | 05 13 00.37 | +29 24 48.9 | 19.6 T | 673 |
| P/2008 O3 | 2008 09 08.46215 | 05 13 01.01 | +29 24 56.7 |        | 673 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 O3 | 2008 09 08.47245 | 05 13 01.63 | +29 25 04.3 |        | 673 |
| P/2008 O3 | 2008 09 08.48877 | 05 13 02.60 | +29 25 16.6 |        | 673 |
| P/2008 O3 | 2008 09 08.49398 | 05 13 02.92 | +29 25 20.6 |        | 673 |
| P/2008 O3 | 2008 09 09.10692 | 05 13 40.01 | +29 33 07.0 | 19.7 T | 215 |
| P/2008 O3 | 2008 09 09.10762 | 05 13 40.04 | +29 33 07.3 | 19.5 T | 215 |
| P/2008 O3 | 2008 09 13.47130 | 05 17 56.14 | +30 29 07.0 | 19.8 T | 673 |
| P/2008 O3 | 2008 09 13.48021 | 05 17 56.56 | +30 29 13.2 |        | 673 |
| P/2008 O3 | 2008 09 13.48819 | 05 17 57.05 | +30 29 20.8 |        | 673 |
| P/2008 O3 | 2008 09 13.49896 | 05 17 57.60 | +30 29 28.5 |        | 673 |

**C/2008 P1 (Garradd)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 P1 | 2008 08 18.77260 | 00 21 14.36 | -47 07 01.6 | 16.8 T | E12 |
| C/2008 P1 | 2008 08 18.77504 | 00 21 14.22 | -47 07 01.8 | 16.7 T | E12 |
| C/2008 P1 | 2008 08 23.64169 | 00 16 11.31 | -47 14 05.8 | 17.0 T | 423 |
| C/2008 P1 | 2008 08 23.67592 | 00 16 09.02 | -47 14 09.1 | 16.3 T | 423 |
| C/2008 P1 | 2008 08 25.55396 | 00 14 05.46 | -47 15 54.9 | 16.5 T | 423 |
| C/2008 P1 | 2008 08 25.57728 | 00 14 03.90 | -47 15 56.3 | 16.5 T | 423 |
| C/2008 P1 | 2008 08 27.63303 | 00 11 44.52 | -47 17 15.6 | 16.5 T | E12 |
| C/2008 P1 | 2008 08 27.64616 | 00 11 43.58 | -47 17 16.4 | 16.4 T | E12 |
| C/2008 P1 | 2008 08 27.65935 | 00 11 42.64 | -47 17 16.8 | 16.3 T | E12 |
| C/2008 P1 | 2008 08 27.67263 | 00 11 41.74 | -47 17 16.6 | 16.5 T | E12 |
| C/2008 P1 | 2008 08 28.60236 | 00 10 37.60 | -47 17 37.6 | 16.8 T | 423 |
| C/2008 P1 | 2008 08 28.61214 | 00 10 36.86 | -47 17 37.6 | 16.9 T | 423 |
| C/2008 P1 | 2008 08 29.57066 | 00 09 29.88 | -47 17 49.2 | 16.5 T | 423 |
| C/2008 P1 | 2008 08 29.61016 | 00 09 27.03 | -47 17 49.6 | 16.6 T | 423 |
| C/2008 P1 | 2008 08 31.57280 | 00 07 07.41 | -47 17 41.7 | 16.5 T | 423 |
| C/2008 P1 | 2008 08 31.60026 | 00 07 05.39 | -47 17 41.3 | 16.5 T | 423 |
| C/2008 P1 | 2008 09 01.54517 | 00 05 57.17 | -47 17 21.3 | 16.4 T | 423 |
| C/2008 P1 | 2008 09 01.58053 | 00 05 54.57 | -47 17 20.5 | 16.3 T | 423 |
| C/2008 P1 | 2008 09 02.52954 | 00 04 45.39 | -47 16 49.8 | 16.5 T | 423 |
| C/2008 P1 | 2008 09 02.56302 | 00 04 42.91 | -47 16 48.5 | 16.4 T | 423 |
| C/2008 P1 | 2008 09 09.53774 | 23 55 58.90 | -47 07 17.2 | 16.3 T | 423 |
| C/2008 P1 | 2008 09 09.56971 | 23 55 56.43 | -47 07 13.3 | 16.2 T | 423 |
| C/2008 P1 | 2008 09 10.55231 | 23 54 41.01 | -47 05 01.2 | 16.3 T | 423 |
| C/2008 P1 | 2008 09 10.58466 | 23 54 38.54 | -47 04 56.7 | 16.3 T | 423 |

**C/2008 Q1 (Matičič)**

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 Q1 | 2008 08 18.81364 | 19 02 50.20 | +50 51 19.5 | 17.8 N | 106 |
| C/2008 Q1 | 2008 08 18.82325 | 19 02 48.28 | +50 51 12.2 | 17.8 N | 106 |
| C/2008 Q1 | 2008 08 18.83287 | 19 02 46.26 | +50 51 04.4 | 17.6 N | 106 |
| C/2008 Q1 | 2008 08 18.84247 | 19 02 44.35 | +50 50 56.7 | 18.0 N | 106 |
| C/2008 Q1 | 2008 08 19.80954 | 18 59 31.39 | +50 37 57.4 | 17.7 N | B03 |
| C/2008 Q1 | 2008 08 19.81014 | 18 59 31.25 | +50 37 57.8 | 17.1 T | 106 |
| C/2008 Q1 | 2008 08 19.81165 | 18 59 31.01 | +50 37 55.9 |        | 118 |
| C/2008 Q1 | 2008 08 19.81478 | 18 59 30.35 | +50 37 54.0 |        | 118 |
| C/2008 Q1 | 2008 08 19.81624 | 18 59 30.09 | +50 37 52.3 | 17.4 T | 106 |
| C/2008 Q1 | 2008 08 19.81775 | 18 59 29.77 | +50 37 50.8 |        | 118 |
| C/2008 Q1 | 2008 08 19.81775 | 18 59 29.77 | +50 37 51.1 | 18.5 N | B03 |
| C/2008 Q1 | 2008 08 19.81972 | 18 59 29.41 | +50 37 49.3 | 17.6 T | 106 |
| C/2008 Q1 | 2008 08 19.82670 | 18 59 28.02 | +50 37 44.2 | 17.2 T | 106 |
| C/2008 Q1 | 2008 08 19.82967 | 18 59 27.43 | +50 37 40.7 | 17.7 N | B03 |
| C/2008 Q1 | 2008 08 19.83100 | 18 59 27.18 | +50 37 39.8 | 18.2 N | 595 |
| C/2008 Q1 | 2008 08 19.83199 | 18 59 26.99 | +50 37 39.1 | 18.5 N | B55 |
| C/2008 Q1 | 2008 08 19.83228 | 18 59 26.90 | +50 37 39.5 | 17.9 N | B03 |

|           |                  |             |             |        |     |           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 Q1 | 2008 08 19.83600 | 18 59 26.16 | +50 37 36.1 | 18.3 N | 595 | C/2008 Q1 | 2008 08 20.85898 | 18 56 05.86 | +50 23 15.9 | 18.1 T | 458 |
| C/2008 Q1 | 2008 08 19.83601 | 18 59 26.14 | +50 37 35.9 | 17.9 N | B03 | C/2008 Q1 | 2008 08 20.86473 | 18 56 04.71 | +50 23 11.2 | 17.9 T | 232 |
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M.P.C. 63789

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| C/2008 Q1 | 2008 09 03.87885 | 18 17 13.36 | +46 20 02.2 | 17.8 N | 585 |
| C/2008 Q1 | 2008 09 03.88624 | 18 17 12.41 | +46 19 54.6 | 18.4 N | B37 |
| C/2008 Q1 | 2008 09 03.88712 | 18 17 12.36 | +46 19 52.8 | 18.1 N | B37 |
| C/2008 Q1 | 2008 09 03.88807 | 18 17 12.21 | +46 19 51.4 | 18.3 N | B37 |
| C/2008 Q1 | 2008 09 03.89797 | 18 17 10.85 | +46 19 40.6 | 18.1 N | B37 |
| C/2008 Q1 | 2008 09 03.89862 | 18 17 10.73 | +46 19 39.6 | 18.0 N | B37 |
| C/2008 Q1 | 2008 09 04.82788 | 18 15 04.46 | +46 01 21.2 | 17.3 N | 213 |
| C/2008 Q1 | 2008 09 04.82989 | 18 15 04.19 | +46 01 19.1 | 17.3 N | 213 |
| C/2008 Q1 | 2008 09 04.83230 | 18 15 03.86 | +46 01 16.5 | 17.3 N | 213 |
| C/2008 Q1 | 2008 09 04.86584 | 18 14 59.29 | +46 00 35.2 | 17.8 T | B58 |
| C/2008 Q1 | 2008 09 04.88763 | 18 14 56.39 | +46 00 08.4 |        | B58 |
| C/2008 Q1 | 2008 09 04.89610 | 18 14 55.22 | +45 59 59.0 |        | B58 |
| C/2008 Q1 | 2008 09 04.89680 | 18 14 55.14 | +45 59 58.8 | 17.1 N | J40 |
| C/2008 Q1 | 2008 09 04.90703 | 18 14 53.82 | +45 59 46.7 | 17.5 N | J40 |
| C/2008 Q1 | 2008 09 04.90932 | 18 14 53.45 | +45 59 44.1 | 17.4 N | J40 |
| C/2008 Q1 | 2008 09 04.92322 | 18 14 51.57 | +45 59 27.0 | 17.3 N | J40 |
| C/2008 Q1 | 2008 09 06.50532 | 18 11 24.96 | +45 27 53.1 | 17.8 N | 900 |
| C/2008 Q1 | 2008 09 06.50849 | 18 11 24.53 | +45 27 49.2 |        | 900 |
| C/2008 Q1 | 2008 09 06.92994 | 18 10 31.08 | +45 19 19.3 | 17.4 N | J38 |
| C/2008 Q1 | 2008 09 06.93212 | 18 10 30.84 | +45 19 16.6 | 17.2 N | J38 |
| C/2008 Q1 | 2008 09 06.93430 | 18 10 30.58 | +45 19 13.7 | 17.2 N | J38 |
| C/2008 Q1 | 2008 09 07.15657 | 18 10 02.68 | +45 14 45.3 | 17.7 N | H45 |
| C/2008 Q1 | 2008 09 07.15881 | 18 10 02.41 | +45 14 42.4 | 17.8 N | H45 |
| C/2008 Q1 | 2008 09 07.16254 | 18 10 01.94 | +45 14 38.8 | 17.8 N | H45 |
| C/2008 Q1 | 2008 09 07.16383 | 18 10 01.83 | +45 14 36.5 | 17.8 N | H45 |
| C/2008 Q1 | 2008 09 07.16584 | 18 10 01.52 | +45 14 34.4 | 17.7 N | H45 |
| C/2008 Q1 | 2008 09 07.16697 | 18 10 01.36 | +45 14 32.6 | 17.6 N | H45 |
| C/2008 Q1 | 2008 09 07.87774 | 18 08 33.58 | +45 00 09.2 | 17.5 N | J38 |
| C/2008 Q1 | 2008 09 07.87883 | 18 08 33.44 | +45 00 08.0 | 17.6 N | J38 |
| C/2008 Q1 | 2008 09 07.88507 | 18 08 32.67 | +45 00 00.6 | 17.3 N | J38 |
| C/2008 Q1 | 2008 09 08.82659 | 18 06 39.28 | +44 40 51.2 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 08.82829 | 18 06 39.16 | +44 40 48.9 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 08.83226 | 18 06 38.60 | +44 40 44.2 | 17.8 N | B37 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 Q1 | 2008 09 08.84249 | 18 06 37.39 | +44 40 31.7 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 08.84467 | 18 06 37.10 | +44 40 28.9 | 18.0 N | B37 |
| C/2008 Q1 | 2008 09 08.86535 | 18 06 34.70 | +44 40 03.9 | 17.2 N | J38 |
| C/2008 Q1 | 2008 09 08.86752 | 18 06 34.47 | +44 40 00.8 | 17.5 N | J38 |
| C/2008 Q1 | 2008 09 08.86969 | 18 06 34.20 | +44 39 57.7 | 17.5 N | J38 |
| C/2008 Q1 | 2008 09 08.87944 | 18 06 32.95 | +44 39 46.1 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 08.88224 | 18 06 32.64 | +44 39 42.4 | 17.9 N | B37 |
| C/2008 Q1 | 2008 09 08.96193 | 18 06 23.18 | +44 38 04.2 | 17.4 T | 585 |
| C/2008 Q1 | 2008 09 08.96404 | 18 06 22.72 | +44 37 59.3 | 18.3 N | 585 |
| C/2008 Q1 | 2008 09 08.97574 | 18 06 21.58 | +44 37 48.3 | 18.2 N | 585 |
| C/2008 Q1 | 2008 09 09.86101 | 18 04 38.49 | +44 19 40.6 | 18 N   | B58 |
| C/2008 Q1 | 2008 09 09.87323 | 18 04 37.12 | +44 19 25.7 |        | B58 |
| C/2008 Q1 | 2008 09 09.88579 | 18 04 35.47 | +44 19 10.8 |        | B58 |
| C/2008 Q1 | 2008 09 09.93323 | 18 04 30.30 | +44 18 12.2 | 17.7 N | J40 |
| C/2008 Q1 | 2008 09 10.57089 | 18 03 17.88 | +44 05 06.1 |        | 900 |
| C/2008 Q1 | 2008 09 10.58001 | 18 03 16.85 | +44 04 54.8 | 17.5 N | 900 |
| C/2008 Q1 | 2008 09 11.78256 | 18 01 04.82 | +43 40 07.8 | 17.3 N | 118 |
| C/2008 Q1 | 2008 09 11.78454 | 18 01 04.64 | +43 40 05.7 | 17.1 N | 118 |
| C/2008 Q1 | 2008 09 11.79179 | 18 01 03.77 | +43 39 56.5 | 17.2 N | 118 |
| C/2008 Q1 | 2008 09 11.84397 | 18 00 58.20 | +43 38 52.4 | 17.5 N | J38 |
| C/2008 Q1 | 2008 09 11.84505 | 18 00 58.07 | +43 38 50.9 | 17.2 N | J38 |
| C/2008 Q1 | 2008 09 11.84831 | 18 00 57.72 | +43 38 46.4 | 17.1 N | J38 |
| C/2008 Q1 | 2008 09 12.82866 | 17 59 14.01 | +43 18 29.4 | 17.6 N | B37 |
| C/2008 Q1 | 2008 09 12.83117 | 17 59 13.76 | +43 18 25.9 | 17.6 N | B37 |
| C/2008 Q1 | 2008 09 12.83894 | 17 59 12.95 | +43 18 16.9 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 12.84142 | 17 59 12.73 | +43 18 12.4 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 12.84884 | 17 59 12.06 | +43 18 05.4 | 18.1 N | J47 |
| C/2008 Q1 | 2008 09 12.85536 | 17 59 11.27 | +43 17 56.8 | 18.0 N | J47 |
| C/2008 Q1 | 2008 09 12.85666 | 17 59 11.11 | +43 17 54.6 | 16.8 N | J47 |
| C/2008 Q1 | 2008 09 12.86151 | 17 59 10.56 | +43 17 49.2 | 17.8 N | J47 |
| C/2008 Q1 | 2008 09 12.86798 | 17 59 10.14 | +43 17 42.5 | 17.1 N | A77 |
| C/2008 Q1 | 2008 09 12.86823 | 17 59 09.90 | +43 17 40.1 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 12.86925 | 17 59 09.58 | +43 17 37.6 | 17.6 N | B37 |
| C/2008 Q1 | 2008 09 12.87263 | 17 59 09.49 | +43 17 34.2 | 17.3 N | A77 |
| C/2008 Q1 | 2008 09 12.87728 | 17 59 09.04 | +43 17 28.6 | 17.7 N | A77 |
| C/2008 Q1 | 2008 09 13.91368 | 17 57 23.13 | +42 56 00.7 | 17.3 N | J51 |
| C/2008 Q1 | 2008 09 13.91878 | 17 57 22.61 | +42 55 54.5 | 17.4 N | J51 |
| C/2008 Q1 | 2008 09 13.92389 | 17 57 22.08 | +42 55 48.3 | 17.6 N | J51 |
| C/2008 Q1 | 2008 09 14.84889 | 17 55 50.84 | +42 36 36.0 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 14.85265 | 17 55 50.44 | +42 36 30.8 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 14.85703 | 17 55 50.04 | +42 36 26.1 | 17.5 N | B37 |
| C/2008 Q1 | 2008 09 14.87373 | 17 55 48.39 | +42 36 05.2 | 17.4 N | B37 |
| C/2008 Q1 | 2008 09 14.87561 | 17 55 48.20 | +42 36 02.0 | 17.4 N | B37 |
| C/2008 Q1 | 2008 09 14.87810 | 17 55 47.97 | +42 35 59.3 | 17.5 N | B37 |
| C/2008 Q1 | 2008 09 14.87872 | 17 55 47.94 | +42 35 58.3 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 14.88058 | 17 55 47.76 | +42 35 56.8 | 17.6 N | B37 |
| C/2008 Q1 | 2008 09 14.89148 | 17 55 46.75 | +42 35 42.9 | 17.5 N | J38 |
| C/2008 Q1 | 2008 09 14.89425 | 17 55 46.50 | +42 35 39.4 | 17.6 N | J38 |
| C/2008 Q1 | 2008 09 14.89701 | 17 55 46.20 | +42 35 35.9 | 17.3 N | J38 |
| C/2008 Q1 | 2008 09 14.93995 | 17 55 41.97 | +42 34 41.4 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 14.94372 | 17 55 41.55 | +42 34 37.1 | 17.7 N | B37 |
| C/2008 Q1 | 2008 09 14.94816 | 17 55 41.12 | +42 34 31.6 | 17.5 N | B37 |
| C/2008 Q1 | 2008 09 14.95037 | 17 55 40.95 | +42 34 30.9 | 17.5 N | B37 |

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| P/2008 Q2 (Ory) |                  |             |             |        |     | P/2008 Q2 | 2008 08 30.13574 | 01 38 12.02 | +03 31 07.9 | 18.5 N | 122 |
|-----------------|------------------|-------------|-------------|--------|-----|-----------|------------------|-------------|-------------|--------|-----|
| P/2008 Q2       | 2008 08 27.09470 | 01 32 40.74 | +03 04 17.2 | 17.6 N | 185 | P/2008 Q2 | 2008 08 30.14043 | 01 38 12.51 | +03 31 10.2 | 18.4 N | 122 |
| P/2008 Q2       | 2008 08 27.10171 | 01 32 41.51 | +03 04 20.8 | 17.7 N | 185 | P/2008 Q2 | 2008 08 30.14517 | 01 38 13.00 | +03 31 12.6 | 18.4 T | 122 |
| P/2008 Q2       | 2008 08 27.10851 | 01 32 42.19 | +03 04 25.2 | 17.8 N | 185 | P/2008 Q2 | 2008 08 30.14988 | 01 38 13.50 | +03 31 15.3 | 18.7 T | 122 |
| P/2008 Q2       | 2008 08 27.11549 | 01 32 42.94 | +03 04 28.1 | 17.9 N | 185 | P/2008 Q2 | 2008 08 30.95255 | 01 39 40.80 | +03 38 18.5 | 17.6 N | 213 |
| P/2008 Q2       | 2008 08 27.12243 | 01 32 43.72 | +03 04 32.0 | 17.6 N | 185 | P/2008 Q2 | 2008 08 30.95434 | 01 39 40.99 | +03 38 19.4 | 17.6 N | 213 |
| P/2008 Q2       | 2008 08 27.92934 | 01 34 12.75 | +03 11 41.4 | 17.4 N | 185 | P/2008 Q2 | 2008 08 30.95786 | 01 39 41.36 | +03 38 20.6 | 17.6 N | 213 |
| P/2008 Q2       | 2008 08 27.93355 | 01 34 13.21 | +03 11 43.0 | 17.9 N | 185 | P/2008 Q2 | 2008 08 31.00692 | 01 39 46.29 | +03 38 45.0 |        | 246 |
| P/2008 Q2       | 2008 08 27.93775 | 01 34 13.61 | +03 11 45.8 | 17.5 N | 185 | P/2008 Q2 | 2008 08 31.00773 | 01 39 46.36 | +03 38 45.6 |        | 246 |
| P/2008 Q2       | 2008 08 27.94480 | 01 34 14.33 | +03 11 48.1 | 17.5 N | 185 | P/2008 Q2 | 2008 08 31.00841 | 01 39 46.44 | +03 38 45.9 |        | 246 |
| P/2008 Q2       | 2008 08 27.94946 | 01 34 14.88 | +03 11 51.1 | 17.7 N | 185 | P/2008 Q2 | 2008 08 31.00955 | 01 39 46.56 | +03 38 46.5 |        | 246 |
| P/2008 Q2       | 2008 08 27.99986 | 01 34 20.11 | +03 12 17.4 | 18.8 T | 113 | P/2008 Q2 | 2008 08 31.01058 | 01 39 46.66 | +03 38 47.1 |        | 246 |
| P/2008 Q2       | 2008 08 28.00351 | 01 34 20.65 | +03 12 19.7 | 19.2 T | 113 | P/2008 Q2 | 2008 08 31.01315 | 01 39 46.95 | +03 38 48.3 |        | 246 |
| P/2008 Q2       | 2008 08 28.00712 | 01 34 20.96 | +03 12 20.9 | 18.9 T | 113 | P/2008 Q2 | 2008 08 31.03183 | 01 39 49.04 | +03 38 57.2 |        | J95 |
| P/2008 Q2       | 2008 08 28.01786 | 01 34 22.08 | +03 12 26.7 | 19.0 T | 113 | P/2008 Q2 | 2008 08 31.05006 | 01 39 51.23 | +03 39 12.1 | 18.2 N | J51 |
| P/2008 Q2       | 2008 08 28.04841 | 01 34 24.96 | +03 12 45.2 |        | B18 | P/2008 Q2 | 2008 08 31.06495 | 01 39 52.78 | +03 39 19.9 | 18.2 N | J51 |
| P/2008 Q2       | 2008 08 28.05124 | 01 34 25.37 | +03 12 46.6 |        | B18 | P/2008 Q2 | 2008 08 31.07740 | 01 39 53.77 | +03 39 21.2 | 18.1 N | J95 |
| P/2008 Q2       | 2008 08 28.05409 | 01 34 25.67 | +03 12 47.4 |        | B18 | P/2008 Q2 | 2008 08 31.07985 | 01 39 54.33 | +03 39 27.6 | 18.1 N | J51 |
| P/2008 Q2       | 2008 08 28.05691 | 01 34 25.97 | +03 12 48.9 |        | B18 | P/2008 Q2 | 2008 09 01.02843 | 01 41 35.90 | +03 47 42.8 | 17.6 N | J40 |
| P/2008 Q2       | 2008 08 28.12485 | 01 34 33.45 | +03 13 24.7 | 17.6 T | 204 | P/2008 Q2 | 2008 09 01.03226 | 01 41 36.34 | +03 47 44.5 | 17.6 N | J40 |
| P/2008 Q2       | 2008 08 28.13978 | 01 34 35.02 | +03 13 32.6 |        | 204 | P/2008 Q2 | 2008 09 01.04032 | 01 41 37.17 | +03 47 49.6 | 17.6 N | J40 |
| P/2008 Q2       | 2008 08 28.27514 | 01 34 50.40 | +03 14 45.4 |        | H55 | P/2008 Q2 | 2008 09 01.05217 | 01 41 38.44 | +03 47 56.3 | 17.9 N | J40 |
| P/2008 Q2       | 2008 08 28.27900 | 01 34 50.79 | +03 14 47.5 |        | H55 | P/2008 Q2 | 2008 09 01.05736 | 01 41 39.05 | +03 47 59.8 | 17.4 N | J47 |
| P/2008 Q2       | 2008 08 28.28285 | 01 34 51.21 | +03 14 49.8 | 18.2 T | H55 | P/2008 Q2 | 2008 09 01.06063 | 01 41 39.35 | +03 48 01.3 | 17.5 N | J47 |
| P/2008 Q2       | 2008 08 28.32103 | 01 34 55.26 | +03 15 09.6 | 18.6 N | H36 | P/2008 Q2 | 2008 09 01.06319 | 01 41 39.66 | +03 48 03.0 | 17.3 N | J47 |
| P/2008 Q2       | 2008 08 28.32481 | 01 34 55.66 | +03 15 11.8 | 18.3 N | H36 | P/2008 Q2 | 2008 09 01.07159 | 01 41 40.47 | +03 48 07.6 | 17.3 N | J47 |
| P/2008 Q2       | 2008 08 28.32863 | 01 34 56.05 | +03 15 13.3 | 18.6 N | H36 | P/2008 Q2 | 2008 09 01.07481 | 01 41 40.80 | +03 48 08.8 | 17.4 N | J47 |
| P/2008 Q2       | 2008 08 28.40625 | 01 35 04.55 | +03 15 56.7 | 18.6 N | 673 | P/2008 Q2 | 2008 09 01.10054 | 01 41 43.05 | +03 48 18.3 |        | 118 |
| P/2008 Q2       | 2008 08 28.41337 | 01 35 05.30 | +03 16 00.3 |        | 673 | P/2008 Q2 | 2008 09 01.10494 | 01 41 43.54 | +03 48 20.6 |        | 118 |
| P/2008 Q2       | 2008 08 28.42031 | 01 35 06.01 | +03 16 04.1 |        | 673 | P/2008 Q2 | 2008 09 01.37331 | 01 42 12.37 | +03 50 42.9 | 17.3 T | H36 |
| P/2008 Q2       | 2008 08 28.42691 | 01 35 06.69 | +03 16 07.8 |        | 673 | P/2008 Q2 | 2008 09 01.37499 | 01 42 12.54 | +03 50 43.8 | 17.3 T | H36 |
| P/2008 Q2       | 2008 08 28.57876 | 01 35 23.43 | +03 17 45.5 | 18.1 T | 474 | P/2008 Q2 | 2008 09 01.37668 | 01 42 12.70 | +03 50 44.7 | 17.3 T | H36 |
| P/2008 Q2       | 2008 08 28.58086 | 01 35 23.62 | +03 17 46.5 | 18.1 T | 474 | P/2008 Q2 | 2008 09 01.37836 | 01 42 12.88 | +03 50 45.4 | 17.3 T | H36 |
| P/2008 Q2       | 2008 08 28.58860 | 01 35 24.46 | +03 17 50.7 | 18.3 T | 474 | P/2008 Q2 | 2008 09 02.38785 | 01 44 00.40 | +03 59 34.1 | 17.2 T | 673 |
| P/2008 Q2       | 2008 08 29.08098 | 01 36 17.84 | +03 21 51.3 | 17.9 T | A77 | P/2008 Q2 | 2008 09 02.39271 | 01 44 00.91 | +03 59 36.8 |        | 673 |
| P/2008 Q2       | 2008 08 29.10623 | 01 36 20.54 | +03 22 04.6 | 18.5 T | A77 | P/2008 Q2 | 2008 09 02.39757 | 01 44 01.40 | +03 59 39.3 |        | 673 |
| P/2008 Q2       | 2008 08 29.13147 | 01 36 23.15 | +03 22 17.7 | 18.5 T | A77 | P/2008 Q2 | 2008 09 02.40243 | 01 44 01.88 | +03 59 41.9 |        | 673 |
| P/2008 Q2       | 2008 08 29.13978 | 01 36 24.06 | +03 22 22.3 | 18.5 T | 122 | P/2008 Q2 | 2008 09 02.91946 | 01 44 56.87 | +04 04 07.7 | 17.8 N | 104 |
| P/2008 Q2       | 2008 08 29.14840 | 01 36 24.98 | +03 22 26.8 | 18.9 T | 122 | P/2008 Q2 | 2008 09 02.92477 | 01 44 57.41 | +04 04 11.1 | 18.2 N | 104 |
| P/2008 Q2       | 2008 08 29.15526 | 01 36 25.67 | +03 22 30.1 | 18.5 T | 122 | P/2008 Q2 | 2008 09 02.92970 | 01 44 57.95 | +04 04 13.7 | 18.1 N | 104 |
| P/2008 Q2       | 2008 08 29.25984 | 01 36 37.78 | +03 23 27.7 | 17.8 N | H45 | P/2008 Q2 | 2008 09 03.72777 | 01 46 21.23 | +04 11 11.1 | 17.3 T | 349 |
| P/2008 Q2       | 2008 08 29.26685 | 01 36 38.49 | +03 23 30.8 | 17.8 N | H45 | P/2008 Q2 | 2008 09 03.73222 | 01 46 21.66 | +04 11 13.6 |        | 349 |
| P/2008 Q2       | 2008 08 29.26806 | 01 36 38.67 | +03 23 31.8 | 18.0 N | H45 | P/2008 Q2 | 2008 09 03.73668 | 01 46 22.10 | +04 11 15.8 |        | 349 |
| P/2008 Q2       | 2008 08 29.26952 | 01 36 38.80 | +03 23 32.6 | 17.9 N | H45 | P/2008 Q2 | 2008 09 03.90800 | 01 46 40.83 | +04 12 43.4 | 17.4 N | 104 |
| P/2008 Q2       | 2008 08 29.27189 | 01 36 39.03 | +03 23 33.8 | 18.2 N | H45 | P/2008 Q2 | 2008 09 03.91324 | 01 46 41.39 | +04 12 46.3 | 17.3 N | 104 |
| P/2008 Q2       | 2008 08 29.27318 | 01 36 39.18 | +03 23 34.2 | 18.2 N | H45 | P/2008 Q2 | 2008 09 03.91983 | 01 46 41.94 | +04 12 47.9 | 17.3 N | 104 |
| P/2008 Q2       | 2008 08 29.27484 | 01 36 39.33 | +03 23 35.1 | 18.2 N | H45 | P/2008 Q2 | 2008 09 05.70243 | 01 49 47.01 | +04 28 16.4 | 17.5 T | 372 |
| P/2008 Q2       | 2008 08 29.97470 | 01 37 55.09 | +03 29 42.9 | 18.0 N | 151 | P/2008 Q2 | 2008 09 06.07383 | 01 50 25.11 | +04 31 24.4 | 16.7 N | A71 |
| P/2008 Q2       | 2008 08 29.97772 | 01 37 55.41 | +03 29 44.0 | 18.2 N | 151 | P/2008 Q2 | 2008 09 06.07723 | 01 50 25.45 | +04 31 26.4 | 16.8 N | A71 |
| P/2008 Q2       | 2008 08 29.97799 | 01 37 55.57 | +03 29 44.5 | 18.8 N | 185 | P/2008 Q2 | 2008 09 06.08065 | 01 50 25.78 | +04 31 27.9 | 16.9 N | A71 |
| P/2008 Q2       | 2008 08 29.98075 | 01 37 55.73 | +03 29 45.3 | 18.2 N | 151 | P/2008 Q2 | 2008 09 07.39896 | 01 52 40.83 | +04 42 51.3 | 16.9 T | 703 |
| P/2008 Q2       | 2008 08 29.99223 | 01 37 57.05 | +03 29 52.2 | 19.2 N | 185 | P/2008 Q2 | 2008 09 07.40552 | 01 52 41.41 | +04 42 54.2 | 16.9 T | 703 |
| P/2008 Q2       | 2008 08 30.10771 | 01 38 09.12 | +03 30 54.1 | 17.3 N | B51 | P/2008 Q2 | 2008 09 07.41204 | 01 52 42.06 | +04 42 58.3 | 16.6 T | 703 |

|                            |                  |             |             |        |     |                            |                  |             |             |        |       |
|----------------------------|------------------|-------------|-------------|--------|-----|----------------------------|------------------|-------------|-------------|--------|-------|
| P/2008 Q2                  | 2008 09 07.41862 | 01 52 42.70 | +04 43 01.2 | 17.0 T | 703 | C/2008 Q3                  | 2008 09 11.53388 | 23 56 31.14 | -53 00 21.2 | 18.7 T | E12   |
| P/2008 Q2                  | 2008 09 08.71634 | 01 54 54.30 | +04 54 09.5 |        | 900 | C/2008 Q3                  | 2008 09 11.60159 | 23 56 20.44 | -53 01 26.8 | 18.6 T | E12   |
| P/2008 Q2                  | 2008 09 08.72426 | 01 54 55.02 | +04 54 13.6 | 17.6 N | 900 | <b>C/2008 R1 (Garradd)</b> |                  |             |             |        |       |
| P/2008 Q2                  | 2008 09 08.73784 | 01 54 56.29 | +04 54 20.5 |        | 367 | C/2008 R1                  | 2008 09 02.49906 | 21 41 12.73 | -47 47 56.4 | 18.5 T | E12   |
| P/2008 Q2                  | 2008 09 08.74096 | 01 54 56.64 | +04 54 22.0 |        | 367 | C/2008 R1                  | 2008 09 02.50786 | 21 41 12.48 | -47 47 50.5 | 18.4 T | E12   |
| P/2008 Q2                  | 2008 09 08.74409 | 01 54 56.89 | +04 54 23.6 | 16.2 T | 367 | C/2008 R1                  | 2008 09 02.52544 | 21 41 11.86 | -47 47 41.1 | 18.3 T | E12   |
| P/2008 Q2                  | 2008 09 09.01431 | 01 55 24.18 | +04 56 39.5 | 17.4 N | 585 | C/2008 R1                  | 2008 09 02.54314 | 21 41 11.24 | -47 47 32.6 | 18.6 T | E12   |
| P/2008 Q2                  | 2008 09 09.01578 | 01 55 24.34 | +04 56 40.1 | 17.6 N | 585 | C/2008 R1                  | 2008 09 02.55266 | 21 41 10.86 | -47 47 27.0 | 18.8 T | E12   |
| P/2008 Q2                  | 2008 09 09.01723 | 01 55 24.49 | +04 56 40.9 | 17.4 N | 585 | C/2008 R1                  | 2008 09 02.56212 | 21 41 10.57 | -47 47 21.2 | 18.7 T | E12   |
| P/2008 Q2                  | 2008 09 09.01870 | 01 55 24.61 | +04 56 41.8 | 17.3 N | 585 | C/2008 R1                  | 2008 09 02.57169 | 21 41 10.21 | -47 47 15.8 | 18.7 T | E12   |
| P/2008 Q2                  | 2008 09 09.06405 | 01 55 29.18 | +04 57 05.5 | 17.6 T | 215 | C/2008 R1                  | 2008 09 02.66337 | 21 41 07.04 | -47 46 20.0 | 18.8 T | E12   |
| P/2008 Q2                  | 2008 09 09.06511 | 01 55 29.29 | +04 57 06.0 | 17.5 T | 215 | C/2008 R1                  | 2008 09 02.71436 | 21 41 05.47 | -47 45 50.7 | 18.7 T | E16   |
| P/2008 Q2                  | 2008 09 09.06616 | 01 55 29.41 | +04 57 06.4 | 17.5 T | 215 | C/2008 R1                  | 2008 09 02.71814 | 21 41 05.43 | -47 45 48.4 | 18.4 T | E16   |
| P/2008 Q2                  | 2008 09 09.62454 | 01 56 25.77 | +05 01 56.2 |        | 900 | C/2008 R1                  | 2008 09 02.72382 | 21 41 05.23 | -47 45 45.5 | 18.5 T | E16   |
| P/2008 Q2                  | 2008 09 09.63593 | 01 56 26.85 | +05 02 02.0 | 17.6 N | 900 | C/2008 R1                  | 2008 09 02.73922 | 21 41 04.70 | -47 45 34.6 | 18.7 T | E16   |
| P/2008 Q2                  | 2008 09 10.02841 | 01 57 05.58 | +05 05 20.5 |        | 246 | C/2008 R1                  | 2008 09 02.74390 | 21 41 04.62 | -47 45 32.2 | 18.6 T | E16   |
| P/2008 Q2                  | 2008 09 10.02946 | 01 57 05.67 | +05 05 21.0 |        | 246 | C/2008 R1                  | 2008 09 02.75084 | 21 41 04.32 | -47 45 27.1 | 18.6 T | E16   |
| P/2008 Q2                  | 2008 09 10.03067 | 01 57 05.79 | +05 05 21.7 |        | 246 | C/2008 R1                  | 2008 09 02.79467 | 21 41 02.99 | -47 45 00.0 | 18.8 T | E16   |
| P/2008 Q2                  | 2008 09 10.03149 | 01 57 05.86 | +05 05 22.1 |        | 246 | C/2008 R1                  | 2008 09 04.07247 | 21 40 27.14 | -47 32 01.7 | 18.5 T | I77   |
| P/2008 Q2                  | 2008 09 10.03226 | 01 57 05.94 | +05 05 22.4 |        | 246 | C/2008 R1                  | 2008 09 04.08335 | 21 40 26.63 | -47 31 54.8 | 18.7 T | I77   |
| P/2008 Q2                  | 2008 09 12.09686 | 02 00 28.63 | +05 23 00.0 |        | 118 | <b>C/2008 R3 (LINEAR)</b>  |                  |             |             |        |       |
| P/2008 Q2                  | 2008 09 12.10103 | 02 00 28.98 | +05 23 02.9 |        | 118 | C/2008 R3                  | 2008 09 07.12889 | 18 26 29.39 | +19 10 58.2 | 18.5 N | 704   |
| P/2008 Q2                  | 2008 09 12.12811 | 02 00 31.50 | +05 23 16.7 | 18 T   | 461 | C/2008 R3                  | 2008 09 07.14220 | 18 26 29.38 | +19 11 04.5 | 18.7 N | 704   |
| P/2008 Q2                  | 2008 09 12.12962 | 02 00 31.62 | +05 23 17.6 |        | 461 | C/2008 R3                  | 2008 09 07.15561 | 18 26 29.42 | +19 11 07.5 | 19.7 N | 704   |
| P/2008 Q2                  | 2008 09 12.13112 | 02 00 31.78 | +05 23 18.6 |        | 461 | C/2008 R3                  | 2008 09 07.16900 | 18 26 29.44 | +19 11 12.7 | 19.8 N | 704   |
| P/2008 Q2                  | 2008 09 12.13413 | 02 00 32.04 | +05 23 19.8 |        | 461 | C/2008 R3                  | 2008 09 07.18282 | 18 26 29.41 | +19 11 16.7 | 18.6 N | 704   |
| P/2008 Q2                  | 2008 09 14.07068 | 02 03 39.06 | +05 39 53.7 | 16.2 N | J51 | C/2008 R3                  | 2008 09 07.85906 | 18 26 31.75 | +19 14 34.5 | 17.6 N | 458   |
| P/2008 Q2                  | 2008 09 14.07749 | 02 03 39.72 | +05 39 58.5 | 16.4 N | J51 | C/2008 R3                  | 2008 09 07.87365 | 18 26 31.72 | +19 14 38.5 | 17.5 T | 595   |
| <b>C/2008 Q3 (Garradd)</b> |                  |             |             |        |     | C/2008 R3                  | 2008 09 07.88313 | 18 26 31.74 | +19 14 41.3 |        | 595   |
| C/2008 Q3                  | 2008 08 27.63903 | 00 29 46.14 | -48 22 19.7 | 19.2 T | E12 | C/2008 R3                  | 2008 09 07.88707 | 18 26 31.83 | +19 14 42.6 | 17.6 N | 458   |
| C/2008 Q3                  | 2008 08 27.65219 | 00 29 44.59 | -48 22 36.4 | 19.5 T | E12 | C/2008 R3                  | 2008 09 07.89265 | 18 26 31.77 | +19 14 44.0 |        | 595   |
| C/2008 Q3                  | 2008 08 27.66542 | 00 29 43.08 | -48 22 53.2 | 19.6 T | E12 | C/2008 R3                  | 2008 09 07.91039 | 18 26 31.82 | +19 14 50.2 | 17.5 N | 213   |
| C/2008 Q3                  | 2008 08 27.67855 | 00 29 41.53 | -48 23 10.4 | 19.4 T | E12 | C/2008 R3                  | 2008 09 07.91868 | 18 26 31.86 | +19 14 52.2 | 17.7 N | 213   |
| C/2008 Q3                  | 2008 08 27.74333 | 00 29 34.31 | -48 24 28.1 | 18.7 T | E12 | C/2008 R3                  | 2008 09 07.92793 | 18 26 31.87 | +19 14 54.9 | 17.4 N | 213   |
| C/2008 Q3                  | 2008 08 28.47674 | 00 28 12.25 | -48 39 22.7 | 19.3 T | 474 | C/2008 R3                  | 2008 09 08.05487 | 18 26 32.68 | +19 15 32.8 | 17.8 T | H55   |
| C/2008 Q3                  | 2008 08 28.47998 | 00 28 11.90 | -48 39 27.0 | 19.6 T | 474 | C/2008 R3                  | 2008 09 08.06352 | 18 26 32.69 | +19 15 35.2 | 18.0 T | H55   |
| C/2008 Q3                  | 2008 08 28.49363 | 00 28 10.34 | -48 39 43.6 | 19.4 T | 474 | C/2008 R3                  | 2008 09 08.07216 | 18 26 32.70 | +19 15 37.7 | 17.8 T | H55   |
| C/2008 Q3                  | 2008 08 28.50046 | 00 28 09.55 | -48 39 51.9 | 19.7 T | 474 | C/2008 R3                  | 2008 09 08.12009 | 18 26 32.82 | +19 15 51.4 | 17.5 T | H59   |
| C/2008 Q3                  | 2008 08 28.50718 | 00 28 08.80 | -48 40 00.1 | 19.5 T | 474 | C/2008 R3                  | 2008 09 08.12405 | 18 26 32.81 | +19 15 52.4 | 17.4 T | H59   |
| C/2008 Q3                  | 2008 08 28.54043 | 00 28 05.02 | -48 40 40.6 | 18.9 N | E16 | C/2008 R3                  | 2008 09 08.12808 | 18 26 32.84 | +19 15 53.6 | 17.3 T | H59   |
| C/2008 Q3                  | 2008 08 28.63783 | 00 27 53.87 | -48 42 39.1 | 18.7 T | E16 | C/2008 R3                  | 2008 09 08.13203 | 18 26 32.85 | +19 15 54.8 | 16.9 T | H59   |
| C/2008 Q3                  | 2008 08 28.65231 | 00 27 52.20 | -48 42 56.9 | 19.2 T | E16 | C/2008 R3                  | 2008 09 08.13917 | 18 26 32.91 | +19 15 56.6 | 17.7 N | H36   |
| C/2008 Q3                  | 2008 08 28.65629 | 00 27 51.67 | -48 43 01.9 | 19.0 N | E16 | C/2008 R3                  | 2008 09 08.14100 | 18 26 33.07 | +19 15 58.5 | 18.2 N | 5 711 |
| C/2008 Q3                  | 2008 08 28.66498 | 00 27 50.72 | -48 43 12.7 | 19.1 T | E16 | C/2008 R3                  | 2008 09 08.14470 | 18 26 33.06 | +19 15 59.7 | 17.5 N | 711   |
| C/2008 Q3                  | 2008 08 28.69744 | 00 27 46.98 | -48 43 51.8 | 19.1 T | E12 | C/2008 R3                  | 2008 09 08.14841 | 18 26 33.03 | +19 16 00.6 | 17.5 N | 711   |
| C/2008 Q3                  | 2008 08 28.70150 | 00 27 46.43 | -48 43 56.6 | 19.8 T | 474 | C/2008 R3                  | 2008 09 08.15294 | 18 26 32.97 | +19 16 00.3 | 17.7 N | H36   |
| C/2008 Q3                  | 2008 08 28.70328 | 00 27 46.28 | -48 43 59.0 | 18.9 T | E12 | C/2008 R3                  | 2008 09 08.31331 | 18 26 33.60 | +19 16 47.3 | 17.5 T | 673   |
| C/2008 Q3                  | 2008 08 28.70567 | 00 27 45.97 | -48 44 01.5 | 19.6 T | 474 | C/2008 R3                  | 2008 09 08.31910 | 18 26 33.62 | +19 16 48.9 |        | 673   |
| C/2008 Q3                  | 2008 08 28.71829 | 00 27 44.53 | -48 44 16.8 | 19.1 T | 474 | C/2008 R3                  | 2008 09 08.32627 | 18 26 33.66 | +19 16 51.1 |        | 673   |
| C/2008 Q3                  | 2008 08 28.72037 | 00 27 44.30 | -48 44 19.0 | 19.0 T | 474 | C/2008 R3                  | 2008 09 08.33339 | 18 26 33.70 | +19 16 53.0 |        | 673   |
| C/2008 Q3                  | 2008 08 28.72245 | 00 27 44.06 | -48 44 21.6 | 18.8 T | 474 | C/2008 R3                  | 2008 09 08.43779 | 18 26 34.49 | +19 17 29.5 | 16.5 T | E16   |
| C/2008 Q3                  | 2008 08 28.72377 | 00 27 43.96 | -48 44 24.1 | 19.2 T | E12 | C/2008 R3                  | 2008 09 08.45026 | 18 26 34.52 | +19 17 33.3 | 17.5 T | E16   |

2008 SEPT. 17

M.P.C. 63793

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 R3 | 2008 09 08.46000 | 18 26 34.55 | +19 17 36.0 | 17.1 T | E16 |
| C/2008 R3 | 2008 09 08.47759 | 18 26 34.58 | +19 17 40.7 | 17.5 T | E16 |
| C/2008 R3 | 2008 09 08.48546 | 18 26 34.74 | +19 17 37.1 | 17.6 N | 900 |
| C/2008 R3 | 2008 09 08.49339 | 18 26 34.76 | +19 17 38.8 | 17.6 N | 900 |
| C/2008 R3 | 2008 09 08.81179 | 18 26 36.65 | +19 19 10.4 | 17.2 T | A99 |
| C/2008 R3 | 2008 09 08.81238 | 18 26 36.76 | +19 19 08.6 | 17.1 N | 473 |
| C/2008 R3 | 2008 09 08.81617 | 18 26 36.67 | +19 19 11.7 | 17.2 T | A99 |
| C/2008 R3 | 2008 09 08.82053 | 18 26 36.70 | +19 19 12.6 | 17.2 T | A99 |
| C/2008 R3 | 2008 09 08.82625 | 18 26 36.72 | +19 19 14.1 | 17.2 T | A99 |
| C/2008 R3 | 2008 09 08.83061 | 18 26 36.74 | +19 19 15.5 | 17.2 T | A99 |
| C/2008 R3 | 2008 09 08.83373 | 18 26 36.76 | +19 19 15.3 | 17.3 N | 473 |
| C/2008 R3 | 2008 09 08.85768 | 18 26 36.91 | +19 19 22.1 | 17.3 N | 473 |
| C/2008 R3 | 2008 09 08.87192 | 18 26 36.97 | +19 19 25.7 | 17.3 N | 473 |
| C/2008 R3 | 2008 09 08.92663 | 18 26 37.22 | +19 19 41.4 | 18.5 N | 585 |
| C/2008 R3 | 2008 09 08.92970 | 18 26 37.25 | +19 19 42.1 | 17.7 T | 585 |
| C/2008 R3 | 2008 09 08.93264 | 18 26 37.29 | +19 19 42.2 | 17.7 T | 585 |
| C/2008 R3 | 2008 09 08.93803 | 18 26 37.32 | +19 19 43.8 | 17.7 T | 585 |
| C/2008 R3 | 2008 09 09.47116 | 18 26 41.21 | +19 22 16.6 | 17.6 N | 900 |
| C/2008 R3 | 2008 09 09.48256 | 18 26 41.26 | +19 22 19.9 |        | 900 |
| C/2008 R3 | 2008 09 09.78901 | 18 26 43.80 | +19 23 43.3 | 17.5 N | B58 |
| C/2008 R3 | 2008 09 09.80375 | 18 26 43.92 | +19 23 47.9 |        | B58 |
| C/2008 R3 | 2008 09 09.81462 | 18 26 43.97 | +19 23 50.6 |        | B58 |
| C/2008 R3 | 2008 09 09.82729 | 18 26 44.05 | +19 23 54.0 |        | B58 |
| C/2008 R3 | 2008 09 09.92531 | 18 26 44.87 | +19 24 21.5 | 17.0 N | J38 |
| C/2008 R3 | 2008 09 09.92850 | 18 26 44.88 | +19 24 22.8 | 17.1 N | J38 |
| C/2008 R3 | 2008 09 10.53732 | 18 26 50.46 | +19 27 09.8 |        | 900 |
| C/2008 R3 | 2008 09 10.54758 | 18 26 50.59 | +19 27 11.9 | 17.4 N | 900 |
| C/2008 R3 | 2008 09 11.88800 | 18 27 06.20 | +19 33 08.7 | 16.8 N | J38 |
| C/2008 R3 | 2008 09 11.89438 | 18 27 06.29 | +19 33 11.3 | 16.9 N | J38 |
| C/2008 R3 | 2008 09 11.89758 | 18 27 06.34 | +19 33 12.4 | 16.9 N | J38 |
| C/2008 R3 | 2008 09 12.87469 | 18 27 20.10 | +19 37 24.7 | 17.1 N | J47 |
| C/2008 R3 | 2008 09 12.88061 | 18 27 20.16 | +19 37 26.5 | 16.9 N | J47 |
| C/2008 R3 | 2008 09 12.88090 | 18 27 20.19 | +19 37 26.2 | 17.1 N | J47 |
| C/2008 R3 | 2008 09 12.88841 | 18 27 20.24 | +19 37 28.3 | 17.1 N | J47 |
| C/2008 R3 | 2008 09 13.87735 | 18 27 36.39 | +19 41 37.1 | 17.4 N | J47 |
| C/2008 R3 | 2008 09 13.88322 | 18 27 36.50 | +19 41 38.4 | 17.4 N | J47 |
| C/2008 R3 | 2008 09 13.88453 | 18 27 36.52 | +19 41 38.6 | 17.1 N | J47 |
| C/2008 R3 | 2008 09 13.88565 | 18 27 36.56 | +19 41 38.8 | 17.2 N | J47 |
| C/2008 R3 | 2008 09 13.89051 | 18 27 36.66 | +19 41 39.6 | 17.0 N | J47 |
| C/2008 R3 | 2008 09 14.57792 | 18 27 48.80 | +19 44 27.9 |        | 900 |
| C/2008 R3 | 2008 09 14.58545 | 18 27 49.02 | +19 44 29.9 | 17.5 N | 900 |
| C/2008 R3 | 2008 09 14.82941 | 18 27 53.89 | +19 45 30.1 | 17.4 N | B37 |
| C/2008 R3 | 2008 09 14.83352 | 18 27 53.96 | +19 45 31.0 | 17.4 N | B37 |
| C/2008 R3 | 2008 09 14.84176 | 18 27 54.12 | +19 45 32.7 | 17.5 N | B37 |
| C/2008 R3 | 2008 09 14.84689 | 18 27 54.19 | +19 45 33.4 | 17.4 N | B37 |
| C/2008 R3 | 2008 09 14.85674 | 18 27 54.33 | +19 45 35.8 | 16.9 N | 213 |
| C/2008 R3 | 2008 09 14.86369 | 18 27 54.46 | +19 45 37.0 | 16.9 N | 213 |
| C/2008 R3 | 2008 09 14.87062 | 18 27 54.61 | +19 45 39.0 | 17.0 N | 213 |
| C/2008 R3 | 2008 09 14.87495 | 18 27 54.72 | +19 45 41.1 | 17.1 N | J40 |
| C/2008 R3 | 2008 09 14.88647 | 18 27 54.89 | +19 45 43.8 | 17.4 N | B37 |
| C/2008 R3 | 2008 09 14.89502 | 18 27 55.06 | +19 45 45.8 | 17.2 N | J40 |
| C/2008 R3 | 2008 09 14.90605 | 18 27 55.24 | +19 45 48.5 | 17.4 N | J40 |
| C/2008 R3 | 2008 09 14.91850 | 18 27 55.53 | +19 45 50.9 | 17.1 N | J38 |

|           |                  |             |             |        |     |
|-----------|------------------|-------------|-------------|--------|-----|
| C/2008 R3 | 2008 09 14.92338 | 18 27 55.61 | +19 45 52.2 | 17.0 N | J38 |
| C/2008 R3 | 2008 09 14.93405 | 18 27 55.79 | +19 45 55.7 | 16.8 N | J38 |
| C/2008 R3 | 2008 09 15.19572 | 18 28 01.04 | +19 46 59.1 | 17.5 T | 673 |
| C/2008 R3 | 2008 09 15.20266 | 18 28 01.17 | +19 47 00.6 |        | 673 |
| C/2008 R3 | 2008 09 15.20961 | 18 28 01.30 | +19 47 02.2 |        | 673 |
| C/2008 R3 | 2008 09 15.21655 | 18 28 01.43 | +19 47 03.8 |        | 673 |

## 2P/Encke

|    |                  |             |             |        |     |
|----|------------------|-------------|-------------|--------|-----|
| 2P | 2008 08 25.00845 | 22 34 59.77 | -08 31 58.1 | 20.0 N | 213 |
| 2P | 2008 08 25.01166 | 22 34 59.58 | -08 31 57.7 | 19.5 N | J47 |
| 2P | 2008 08 25.01686 | 22 34 59.32 | -08 31 59.5 | 19.7 N | J47 |
| 2P | 2008 08 25.01918 | 22 34 59.14 | -08 32 00.0 | 19.6 N | J47 |
| 2P | 2008 08 25.01981 | 22 34 59.06 | -08 32 01.5 | 20.0 N | 213 |
| 2P | 2008 08 25.02496 | 22 34 58.80 | -08 32 02.4 | 19.9 N | J47 |
| 2P | 2008 09 02.86064 | 22 26 07.31 | -09 16 32.5 | 19.6 T | A77 |
| 2P | 2008 09 02.86839 | 22 26 06.87 | -09 16 33.1 | 19.3 T | A77 |
| 2P | 2008 09 02.87615 | 22 26 06.50 | -09 16 35.6 | 19.6 T | A77 |
| 2P | 2008 09 06.25068 | 22 22 46.77 | -09 33 05.1 | 19.7 T | G96 |
| 2P | 2008 09 06.25619 | 22 22 46.45 | -09 33 07.1 | 20.0 T | G96 |
| 2P | 2008 09 06.26171 | 22 22 46.12 | -09 33 09.0 | 19.9 T | G96 |

## 6P/d'Arrest

|    |                  |              |              |        |     |
|----|------------------|--------------|--------------|--------|-----|
| 6P | 2008 07 11.65209 | 19 37 26.60  | +09 32 44.5  | 15.7 N | E16 |
| 6P | 2008 07 22.54966 | 19 45 46.74  | +03 24 04.8  | 15.0 N | E16 |
| 6P | 2008 07 22.62759 | 19 45 50.27  | +03 20 49.6  | 14.9 N | E16 |
| 6P | 2008 07 22.64008 | 19 45 50.74  | +03 20 22.2  | 15.5 N | E16 |
| 6P | 2008 07 22.65219 | 19 45 51.27  | +03 19 51.8  | 14.9 N | E16 |
| 6P | 2008 07 22.66718 | 19 45 51.98  | +03 19 13.4  | 15.4 N | E16 |
| 6P | 2008 07 26.55243 | 19 49 29.04  | +00 25 48.7  | 14.4 N | 372 |
| 6P | 2008 07 27.68108 | 19 50 35.55  | -00 28 12.6  | 14.7 N | 372 |
| 6P | 2008 07 28.86835 | 19 51 50.16  | -01 26 48.7  | 14.5 N | 473 |
| 6P | 2008 07 28.86952 | 19 51 50.23  | -01 26 52.2  | 14.6 N | 473 |
| 6P | 2008 07 30.58576 | 19 53 41.25  | -02 54 18.8  | 14.6 N | 372 |
| 6P | 2008 08 06.05591 | 20 01 40.86  | -08 48 18.2  |        | 834 |
| 6P | 2008 08 06.06810 | 20 01 41.79  | -08 48 59.6  |        | 834 |
| 6P | 2008 08 06.57354 | 20 02 22.858 | -09 17 53.29 | 12.5 T | E12 |
| 6P | 2008 08 07.11711 | 20 03 08.80  | -09 49 00.8  |        | 834 |
| 6P | 2008 08 07.13509 | 20 03 10.18  | -09 50 03.1  |        | 834 |
| 6P | 2008 08 10.54757 | 20 08 15.27  | -13 07 43.8  | 11.5 T | 372 |
| 6P | 2008 08 11.89171 | 20 10 23.38  | -14 25 36.3  | 14.5 N | 585 |
| 6P | 2008 08 11.89572 | 20 10 23.73  | -14 25 50.3  | 14.5 N | 585 |
| 6P | 2008 08 11.89828 | 20 10 24.02  | -14 26 00.1  | 14.6 N | 585 |
| 6P | 2008 08 11.90176 | 20 10 24.29  | -14 26 11.8  | 14.6 N | 585 |
| 6P | 2008 08 11.90347 | 20 10 24.42  | -14 26 16.6  | 14.6 N | 585 |
| 6P | 2008 08 17.52304 | 20 20 15.44  | -19 44 22.9  | 14.9 N | D90 |
| 6P | 2008 08 18.92336 | 20 22 55.60  | -21 01 00.0  | 12.9 N | J47 |
| 6P | 2008 08 18.92985 | 20 22 55.90  | -21 01 24.3  | 12.3 N | 232 |
| 6P | 2008 08 18.93141 | 20 22 56.46  | -21 01 26.3  | 11.9 N | J47 |
| 6P | 2008 08 18.93156 | 20 22 56.06  | -21 01 29.5  | 12.3 N | 232 |
| 6P | 2008 08 18.93331 | 20 22 56.27  | -21 01 35.4  | 12.3 N | 232 |
| 6P | 2008 08 18.94881 | 20 22 58.39  | -21 02 22.3  | 12.2 N | J51 |
| 6P | 2008 08 18.96271 | 20 22 59.88  | -21 03 07.1  | 12.2 N | J51 |
| 6P | 2008 08 18.96781 | 20 23 00.42  | -21 03 23.9  | 12.2 N | J51 |
| 6P | 2008 08 18.96902 | 20 23 00.52  | -21 03 27.9  | 11.9 N | J47 |

|    |                  |             |             |        |     |    |                  |             |             |        |     |
|----|------------------|-------------|-------------|--------|-----|----|------------------|-------------|-------------|--------|-----|
| 6P | 2008 08 18.99242 | 20 23 03.07 | -21 04 42.8 | 12.3 N | J51 | 6P | 2008 08 21.89475 | 20 28 51.10 | -23 36 43.1 | 13.5 N | 235 |
| 6P | 2008 08 18.99644 | 20 23 03.50 | -21 04 55.8 | 12.3 N | J51 | 6P | 2008 08 21.92327 | 20 28 54.70 | -23 38 09.1 | 13.4 T | 442 |
| 6P | 2008 08 19.00082 | 20 23 03.95 | -21 05 10.2 | 12.4 N | J51 | 6P | 2008 08 21.92438 | 20 28 54.78 | -23 38 12.5 | 13.2 T | 442 |
| 6P | 2008 08 19.01162 | 20 23 05.07 | -21 05 45.2 | 12.2 N | J47 | 6P | 2008 08 21.92685 | 20 28 54.94 | -23 38 20.7 |        | 204 |
| 6P | 2008 08 19.03097 | 20 23 07.14 | -21 06 47.0 | 12.1 N | J47 | 6P | 2008 08 21.92827 | 20 28 55.27 | -23 38 24.7 | 13.1 T | 442 |
| 6P | 2008 08 19.03347 | 20 23 07.41 | -21 06 55.1 | 12.4 N | J47 | 6P | 2008 08 21.94284 | 20 28 56.95 | -23 39 08.7 | 13.4 N | 213 |
| 6P | 2008 08 19.38635 | 20 23 49.92 | -21 25 22.4 | 13.9 N | E94 | 6P | 2008 08 21.94382 | 20 28 57.08 | -23 39 11.9 | 13.4 N | 213 |
| 6P | 2008 08 19.41700 | 20 23 53.02 | -21 27 02.8 | 14.1 N | E94 | 6P | 2008 08 21.94529 | 20 28 57.23 | -23 39 16.2 | 13.4 N | 213 |
| 6P | 2008 08 19.45699 | 20 23 57.31 | -21 29 10.0 | 14.1 N | E94 | 6P | 2008 08 21.96384 | 20 28 59.25 | -23 40 13.0 |        | 204 |
| 6P | 2008 08 19.87219 | 20 24 46.68 | -21 51 43.5 | 12.7 N | A81 | 6P | 2008 08 21.98737 | 20 29 01.99 | -23 41 24.3 | 13.3 N | 204 |
| 6P | 2008 08 19.87570 | 20 24 47.09 | -21 51 54.6 | 12.7 N | A81 | 6P | 2008 08 22.85999 | 20 30 51.55 | -24 25 13.2 | 13.7 N | 235 |
| 6P | 2008 08 19.87922 | 20 24 47.49 | -21 52 05.6 | 12.7 N | A81 | 6P | 2008 08 22.91643 | 20 30 58.66 | -24 28 00.8 | 13.5 N | J38 |
| 6P | 2008 08 19.88273 | 20 24 47.84 | -21 52 17.0 | 12.6 N | A81 | 6P | 2008 08 22.91748 | 20 30 58.79 | -24 28 04.2 | 13.5 N | J38 |
| 6P | 2008 08 19.89247 | 20 24 49.35 | -21 52 46.2 | 12.7 N | J40 | 6P | 2008 08 22.91913 | 20 30 59.00 | -24 28 09.2 | 13.5 N | J38 |
| 6P | 2008 08 19.89277 | 20 24 49.31 | -21 52 47.6 | 12.9 N | J40 | 6P | 2008 08 23.08936 | 20 31 20.33 | -24 36 07.5 |        | I21 |
| 6P | 2008 08 19.90193 | 20 24 50.35 | -21 53 16.9 | 12.9 N | J40 | 6P | 2008 08 23.11292 | 20 31 23.12 | -24 37 21.8 |        | I21 |
| 6P | 2008 08 19.90885 | 20 24 51.14 | -21 53 38.7 | 13.0 N | J40 | 6P | 2008 08 23.88761 | 20 33 02.08 | -25 15 37.7 | 13.5 N | J59 |
| 6P | 2008 08 19.91592 | 20 24 51.53 | -21 54 02.8 | 13.5 N | 235 | 6P | 2008 08 23.88801 | 20 33 02.07 | -25 15 38.5 | 13.4 N | J52 |
| 6P | 2008 08 19.93669 | 20 24 54.05 | -21 55 08.1 | 12.8 N | A02 | 6P | 2008 08 23.88935 | 20 33 02.25 | -25 15 42.5 | 13.4 N | J52 |
| 6P | 2008 08 19.94479 | 20 24 54.93 | -21 55 33.7 | 12.8 N | A02 | 6P | 2008 08 23.89070 | 20 33 02.17 | -25 15 46.8 |        | B66 |
| 6P | 2008 08 19.95291 | 20 24 55.82 | -21 55 59.4 | 12.7 N | A02 | 6P | 2008 08 23.89135 | 20 33 02.48 | -25 15 48.2 | 13.5 N | J52 |
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M.P.C. 63795

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| 6P                      | 2008 09 09.55956 | 21 12 50.40 | -35 23 33.7 | 14.6 N | 900 | 15P                 | 2008 09 14.18473 | 07 57 20.72 | +26 03 15.7 | 17.5 N | J47 |
| 6P                      | 2008 09 09.57051 | 21 12 52.08 | -35 23 29.1 | 14.2 N | D25 | 15P                 | 2008 09 14.18845 | 07 57 21.22 | +26 03 15.3 | 17.4 N | J47 |
| 6P                      | 2008 09 09.99701 | 21 13 58.73 | -35 33 39.1 | 14.6 N | I32 | 15P                 | 2008 09 14.19411 | 07 57 21.86 | +26 03 10.4 | 17.5 N | J47 |
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| 6P                      | 2008 09 11.54416 | 21 17 57.28 | -36 08 17.0 | 13.8 N | E16 | <b>19P/Borrelly</b> |                  |             |             |        |     |
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| 6P                      | 2008 09 12.98738 | 21 21 42.99 | -36 37 36.3 | 14.3 N | I31 | 19P                 | 2008 08 12.78096 | 07 18 50.15 | +25 35 15.7 |        | 367 |
| 6P                      | 2008 09 12.99262 | 21 21 43.83 | -36 37 42.3 | 13.6 N | I31 | 19P                 | 2008 08 12.78223 | 07 18 50.40 | +25 35 16.3 | 10.8 T | 367 |
| 6P                      | 2008 09 12.99784 | 21 21 44.58 | -36 37 48.8 | 13.6 N | I31 | 19P                 | 2008 08 21.80544 | 07 50 46.43 | +26 45 46.1 | 10.9 T | 349 |
| <b>7P/Pons-Winnecke</b> |                  |             |             |        |     | 19P                 | 2008 08 21.80824 | 07 50 47.05 | +26 45 47.6 |        | 349 |
| 7P                      | 2008 08 31.43687 | 13 54 31.18 | -02 37 19.6 |        | 900 | 19P                 | 2008 08 30.13626 | 08 20 07.26 | +27 31 23.5 |        | 204 |
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| 19P                             | 2008 08 31.11745 | 08 23 33.31 | +27 35 34.5 | 15.1 N | 510 |
| 19P                             | 2008 08 31.11911 | 08 23 33.67 | +27 35 35.8 | 15.2 N | 510 |
| 19P                             | 2008 09 02.80231 | 08 32 55.37 | +27 45 52.2 | 11.2 T | 349 |
| 19P                             | 2008 09 02.80375 | 08 32 55.69 | +27 45 52.7 |        | 349 |
| 19P                             | 2008 09 02.80517 | 08 32 55.98 | +27 45 53.0 |        | 349 |
| 19P                             | 2008 09 08.78731 | 08 53 35.44 | +28 02 37.1 |        | 367 |
| 19P                             | 2008 09 08.78905 | 08 53 35.80 | +28 02 37.4 |        | 367 |
| 19P                             | 2008 09 08.79044 | 08 53 36.07 | +28 02 37.5 | 11.3 T | 367 |
| 19P                             | 2008 09 08.81617 | 08 53 41.34 | +28 02 40.6 | 14.4 N | 900 |
| 19P                             | 2008 09 08.82235 | 08 53 42.58 | +28 02 41.3 |        | 900 |
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| 19P                             | 2008 09 09.12134 | 08 54 44.00 | +28 03 17.5 | 12.7 N | A71 |
| 19P                             | 2008 09 09.12362 | 08 54 44.47 | +28 03 17.2 | 12.8 N | A71 |
| 19P                             | 2008 09 09.12507 | 08 54 44.71 | +28 03 17.9 | 12.8 N | A71 |
| 19P                             | 2008 09 09.12650 | 08 54 45.02 | +28 03 18.4 | 12.8 N | A71 |
| 19P                             | 2008 09 09.13534 | 08 54 46.87 | +28 03 19.2 | 14.1 N | 215 |
| 19P                             | 2008 09 09.13604 | 08 54 47.01 | +28 03 19.3 | 14.1 N | 215 |
| 19P                             | 2008 09 09.13675 | 08 54 47.16 | +28 03 19.5 | 14.2 N | 215 |
| 19P                             | 2008 09 09.79909 | 08 57 03.05 | +28 04 39.1 |        | D81 |
| 19P                             | 2008 09 09.80093 | 08 57 03.44 | +28 04 39.2 |        | D81 |
| 19P                             | 2008 09 09.80275 | 08 57 03.90 | +28 04 39.1 |        | D81 |
| 19P                             | 2008 09 09.80459 | 08 57 04.17 | +28 04 39.4 | 10.5 T | D81 |
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| 19P                             | 2008 09 13.16476 | 09 08 29.00 | +28 09 50.9 | 13.4 T | 442 |
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| <b>29P/Schwassmann-Wachmann</b> |                  |             |             |        |     |
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| 29P                             | 2008 09 06.18112 | 07 54 48.27 | +24 20 13.0 | 14.9 T | 442 |
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| 29P                             | 2008 09 13.15823 | 07 59 17.00 | +24 07 00.4 | 14.1 T | 442 |
| 29P                             | 2008 09 13.15986 | 07 59 17.08 | +24 07 00.2 | 14.1 T | 442 |
| 29P                             | 2008 09 15.17727 | 08 00 31.32 | +24 03 17.3 | 14.8 N | 458 |
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| <b>33P/Daniel</b>               |                  |             |             |        |     |
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| 33P                             | 2008 08 31.10001 | 08 04 23.62 | +30 09 02.4 | 18.1 N | A71 |
| 33P                             | 2008 09 04.01563 | 08 13 48.90 | +30 10 08.9 | 19.1 T | 114 |
| 33P                             | 2008 09 04.01944 | 08 13 49.57 | +30 10 09.7 | 19.4 T | 114 |
| 33P                             | 2008 09 04.02340 | 08 13 50.17 | +30 10 10.0 | 18.6 T | 114 |

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| <b>44P/Reinmuth</b>         |                  |             |             |        |     |
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| 44P                         | 2008 09 02.15390 | 04 48 05.22 | +27 36 18.8 | 18.8 N | B37 |
| 44P                         | 2008 09 02.16240 | 04 48 05.82 | +27 36 19.5 | 18.1 N | B37 |
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| <b>47P/Ashbrook-Jackson</b> |                  |             |             |        |     |
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| 47P                         | 2008 08 21.62377 | 21 10 58.45 | -29 24 40.0 | 16.5 N | 900 |
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| 47P                         | 2008 08 22.26859 | 21 10 28.18 | -29 23 26.4 | 16.6 N | 844 |
| 47P                         | 2008 08 23.20258 | 21 09 45.44 | -29 21 47.5 | 17.1 T | 704 |
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| 47P                         | 2008 08 23.22925 | 21 09 44.06 | -29 21 45.5 | 18.5 T | 704 |
| 47P                         | 2008 08 23.24248 | 21 09 43.39 | -29 21 42.4 | 18.5 T | 704 |
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| 47P                         | 2008 08 24.96115 | 21 08 25.59 | -29 18 08.6 | 15.7 N | J47 |
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| 47P                         | 2008 08 25.96123 | 21 07 41.36 | -29 15 50.9 | 15.8 N | J51 |
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| 47P                         | 2008 08 26.01073 | 21 07 39.03 | -29 15 45.1 | 15.6 T | 945 |
| 47P                         | 2008 08 26.01387 | 21 07 38.81 | -29 15 45.7 | 15.7 T | 945 |
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| 47P | 2008 08 27.99610 | 21 06 13.92 | -29 10 45.9 | 15.9 N | J51 | 47P | 2008 09 06.94293 | 21 00 09.21 | -28 37 10.8 | 16.0 N | J38 |
| 47P | 2008 08 28.00208 | 21 06 13.67 | -29 10 45.2 | 15.9 N | J51 | 47P | 2008 09 06.94724 | 21 00 09.10 | -28 37 09.7 | 16.0 N | J38 |
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| 47P | 2008 08 28.94015 | 21 05 34.69 | -29 08 11.7 | 15.6 N | J59 | 47P | 2008 09 08.55640 | 20 59 21.46 | -28 30 27.0 |        | 352 |
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| 47P | 2008 08 29.93694 | 21 04 54.17 | -29 05 19.6 | 16.6 N | 232 |     |                  |             |             |        |     |
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| 47P | 2008 08 29.97929 | 21 04 52.45 | -29 05 12.5 | 15.7 N | J47 | 51P | 2008 08 22.06508 | 04 03 37.74 | +15 21 36.8 | 15.7 N | 213 |
| 47P | 2008 08 29.98165 | 21 04 52.36 | -29 05 12.1 | 15.8 N | J47 | 51P | 2008 08 26.14132 | 04 10 30.66 | +15 41 16.6 | 15.7 N | J51 |
| 47P | 2008 08 29.98224 | 21 04 52.34 | -29 05 11.8 | 15.9 N | J47 | 51P | 2008 08 26.14473 | 04 10 31.13 | +15 41 16.5 | 15.7 N | J51 |
| 47P | 2008 08 29.98460 | 21 04 52.24 | -29 05 11.4 | 16.1 N | J47 | 51P | 2008 08 26.14814 | 04 10 31.54 | +15 41 17.6 | 15.7 N | J51 |
| 47P | 2008 08 30.01187 | 21 04 51.40 | -29 05 03.2 | 16.7 N | I32 | 51P | 2008 08 27.40846 | 04 12 34.69 | +15 46 59.3 | 16.3 N | H45 |
| 47P | 2008 08 30.04904 | 21 04 49.79 | -29 04 56.5 | 16.7 N | 844 | 51P | 2008 08 27.40954 | 04 12 34.77 | +15 46 59.4 | 16.4 N | H45 |
| 47P | 2008 08 30.05476 | 21 04 49.54 | -29 04 55.8 | 16.8 N | 844 | 51P | 2008 08 27.41097 | 04 12 34.92 | +15 46 59.9 | 16.3 N | H45 |
| 47P | 2008 08 30.05877 | 21 04 49.39 | -29 04 54.7 | 16.6 N | 844 | 51P | 2008 08 27.41220 | 04 12 35.05 | +15 47 00.4 | 16.3 N | H45 |
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| 47P | 2008 08 30.85896 | 21 04 17.78 | -29 02 33.6 | 15.8 N | A77 | 51P | 2008 08 28.00769 | 04 13 32.36 | +15 49 35.8 | 16.9 N | 215 |
| 47P | 2008 08 30.86715 | 21 04 17.40 | -29 02 32.1 | 16.7 N | A77 | 51P | 2008 08 28.00840 | 04 13 32.43 | +15 49 36.1 | 16.9 N | 215 |
| 47P | 2008 08 30.87516 | 21 04 17.03 | -29 02 30.8 | 16.1 N | A77 | 51P | 2008 08 28.00910 | 04 13 32.51 | +15 49 36.6 | 16.9 N | 215 |
| 47P | 2008 08 30.95840 | 21 04 13.83 | -29 02 14.4 | 15.7 N | J51 | 51P | 2008 08 28.40173 | 04 14 10.05 | +15 51 21.2 | 16.6 N | H45 |
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| 47P | 2008 08 30.96599 | 21 04 13.45 | -29 02 14.3 | 16.2 N | J40 | 51P | 2008 08 28.40411 | 04 14 10.27 | +15 51 22.1 | 16.5 N | H45 |
| 47P | 2008 08 30.97095 | 21 04 13.28 | -29 02 12.4 | 15.6 N | J51 | 51P | 2008 08 28.40540 | 04 14 10.37 | +15 51 22.4 | 16.5 N | H45 |
| 47P | 2008 08 30.98948 | 21 04 12.42 | -29 02 09.3 | 16.3 N | J40 | 51P | 2008 08 28.40938 | 04 14 10.76 | +15 51 23.4 | 16.4 N | H45 |
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| 47P | 2008 08 31.46714 | 21 03 54.16 | -29 00 39.9 | 16.5 N | 372 | 51P | 2008 08 29.03375 | 04 15 09.62 | +15 54 01.3 | 15.9 N | A02 |
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| 47P | 2008 08 31.47350 | 21 03 53.90 | -29 00 38.3 | 16.5 N | 372 | 51P | 2008 08 29.06853 | 04 15 13.17 | +15 54 11.7 | 16.0 N | A02 |
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| 47P | 2008 08 31.92493 | 21 03 36.60 | -28 59 10.5 | 15.8 N | J47 | 51P | 2008 08 30.07294 | 04 16 47.15 | +15 58 24.9 | 17.2 N | 232 |
| 47P | 2008 08 31.93725 | 21 03 36.09 | -28 59 08.4 | 15.8 N | J47 | 51P | 2008 08 30.07319 | 04 16 47.27 | +15 58 25.9 | 16.2 N | 213 |
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| 47P | 2008 08 31.96939 | 21 03 34.79 | -28 59 02.9 | 16.0 N | J47 | 51P | 2008 08 30.08078 | 04 16 47.75 | +15 58 27.5 | 16.1 N | 939 |
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| 51P | 2008 08 30.17774 | 04 16 56.78 | +15 58 51.9 | 16.9 N | 170 |
| 51P | 2008 08 30.18223 | 04 16 57.21 | +15 58 52.8 | 16.6 N | 170 |
| 51P | 2008 08 30.29881 | 04 17 08.01 | +15 59 29.3 | 17.1 N | 844 |
| 51P | 2008 08 30.30043 | 04 17 08.19 | +15 59 29.8 | 17.0 N | 844 |
| 51P | 2008 08 30.30869 | 04 17 08.90 | +15 59 32.2 | 15.9 N | 844 |
| 51P | 2008 08 30.32184 | 04 17 10.16 | +15 59 35.6 | 16.6 N | 844 |
| 51P | 2008 08 30.32556 | 04 17 10.48 | +15 59 36.5 | 16.7 N | 844 |
| 51P | 2008 08 31.75330 | 04 19 20.87 | +16 05 16.9 | 17.5 T | 372 |
| 51P | 2008 09 02.74617 | 04 22 17.15 | +16 12 59.7 |        | 349 |
| 51P | 2008 09 02.74862 | 04 22 17.35 | +16 13 00.4 |        | 349 |
| 51P | 2008 09 02.75103 | 04 22 17.56 | +16 13 00.9 | 15.8 T | 349 |
| 51P | 2008 09 03.08255 | 04 22 46.26 | +16 14 14.1 |        | 118 |
| 51P | 2008 09 03.08585 | 04 22 46.55 | +16 14 15.0 |        | 118 |
| 51P | 2008 09 03.15813 | 04 22 52.68 | +16 14 33.8 | 15.8 N | J47 |
| 51P | 2008 09 03.15930 | 04 22 52.85 | +16 14 33.5 | 15.9 N | J47 |
| 51P | 2008 09 03.16008 | 04 22 52.96 | +16 14 33.8 | 15.7 N | J47 |
| 51P | 2008 09 04.33052 | 04 24 32.97 | +16 18 50.6 | 15.9 N | H06 |
| 51P | 2008 09 04.34405 | 04 24 34.10 | +16 18 53.6 | 16.1 N | H06 |
| 51P | 2008 09 05.15084 | 04 25 41.48 | +16 21 47.8 |        | 941 |
| 51P | 2008 09 05.16279 | 04 25 42.44 | +16 21 50.3 |        | 941 |
| 51P | 2008 09 05.17324 | 04 25 43.32 | +16 21 52.5 |        | 941 |
| 51P | 2008 09 06.09468 | 04 26 59.07 | +16 25 05.0 |        | 232 |
| 51P | 2008 09 06.10475 | 04 26 59.85 | +16 25 07.4 |        | 232 |
| 51P | 2008 09 06.11480 | 04 27 00.55 | +16 25 09.6 |        | 232 |
| 51P | 2008 09 07.39030 | 04 28 42.80 | +16 29 30.1 | 18.4 T | 704 |
| 51P | 2008 09 07.40383 | 04 28 43.74 | +16 29 32.8 | 18.8 T | 704 |
| 51P | 2008 09 07.41734 | 04 28 44.92 | +16 29 35.3 | 19.2 T | 704 |
| 51P | 2008 09 07.43085 | 04 28 45.99 | +16 29 39.0 | 18.4 T | 704 |
| 51P | 2008 09 07.44435 | 04 28 46.88 | +16 29 40.7 | 17.4 T | 704 |
| 51P | 2008 09 08.76110 | 04 30 29.81 | +16 34 01.0 |        | 367 |
| 51P | 2008 09 08.76423 | 04 30 30.03 | +16 34 01.3 |        | 367 |
| 51P | 2008 09 08.76735 | 04 30 30.29 | +16 34 02.5 | 14.9 T | 367 |
| 51P | 2008 09 09.03543 | 04 30 50.82 | +16 34 53.6 | 16.9 N | 585 |
| 51P | 2008 09 09.04125 | 04 30 51.36 | +16 34 54.7 | 17.0 N | 585 |
| 51P | 2008 09 09.04653 | 04 30 51.65 | +16 34 55.2 | 16.9 N | 585 |
| 51P | 2008 09 09.06720 | 04 30 52.97 | +16 34 58.6 | 15.5 N | A71 |
| 51P | 2008 09 09.07072 | 04 30 53.30 | +16 34 59.4 | 15.5 N | A71 |
| 51P | 2008 09 09.07425 | 04 30 53.52 | +16 35 00.0 | 15.5 N | A71 |
| 51P | 2008 09 14.15406 | 04 36 57.47 | +16 50 16.5 | 15.2 N | J47 |
| 51P | 2008 09 14.15783 | 04 36 57.72 | +16 50 16.8 | 15.3 N | J47 |
| 51P | 2008 09 14.15847 | 04 36 57.73 | +16 50 17.2 | 15.2 N | J47 |
| 51P | 2008 09 14.16318 | 04 36 58.05 | +16 50 17.5 | 15.2 N | J47 |

## 59P/Kearns-Kwee

|     |                  |             |             |        |       |
|-----|------------------|-------------|-------------|--------|-------|
| 59P | 2008 08 03.04457 | 02 12 19.71 | +23 03 35.5 |        | 3 204 |
| 59P | 2008 08 03.07480 | 02 12 21.33 | +23 03 50.8 | 19.1 N | 3 204 |
| 59P | 2008 08 25.06986 | 02 28 48.80 | +25 58 05.6 | 19.7 N | J47   |
| 59P | 2008 08 25.07559 | 02 28 49.00 | +25 58 08.4 | 20.0 N | J47   |
| 59P | 2008 08 25.07846 | 02 28 49.12 | +25 58 09.7 | 19.5 N | J47   |
| 59P | 2008 08 25.08051 | 02 28 49.21 | +25 58 10.2 | 19.4 N | J47   |
| 59P | 2008 08 26.39284 | 02 29 33.68 | +26 07 49.0 | 19.3 T | 704   |
| 59P | 2008 08 26.40577 | 02 29 34.08 | +26 07 54.4 | 19.8 T | 704   |
| 59P | 2008 08 26.41867 | 02 29 34.42 | +26 07 59.3 | 19.6 T | 704   |

|     |                  |             |             |        |     |
|-----|------------------|-------------|-------------|--------|-----|
| 59P | 2008 08 26.43158 | 02 29 34.87 | +26 08 05.1 | 20.2 T | 704 |
| 59P | 2008 08 27.36260 | 02 30 05.10 | +26 14 49.3 | 19.0 N | H45 |
| 59P | 2008 08 27.36378 | 02 30 05.12 | +26 14 49.6 | 19.0 N | H45 |
| 59P | 2008 08 27.36482 | 02 30 05.16 | +26 14 49.6 | 19.1 N | H45 |
| 59P | 2008 08 27.36646 | 02 30 05.24 | +26 14 51.1 | 19.0 N | H45 |
| 59P | 2008 08 27.36826 | 02 30 05.31 | +26 14 51.3 | 19.0 N | H45 |
| 59P | 2008 08 27.37023 | 02 30 05.36 | +26 14 52.3 | 19.1 N | H45 |
| 59P | 2008 08 28.02486 | 02 30 26.15 | +26 19 34.4 | 18.6 T | 215 |
| 59P | 2008 08 30.06287 | 02 31 27.10 | +26 34 02.7 | 17.9 N | 473 |
| 59P | 2008 08 30.07397 | 02 31 27.38 | +26 34 07.4 | 17.9 N | 473 |
| 59P | 2008 08 30.07962 | 02 31 27.60 | +26 34 09.8 | 18.0 N | 473 |
| 59P | 2008 08 30.13370 | 02 31 29.22 | +26 34 33.4 | 19.2 N | B37 |
| 59P | 2008 08 30.13468 | 02 31 29.27 | +26 34 33.6 | 18.7 N | B37 |
| 59P | 2008 08 30.15126 | 02 31 29.67 | +26 34 39.8 | 19.4 N | B37 |
| 59P | 2008 08 30.15315 | 02 31 29.68 | +26 34 40.8 | 18.5 N | B37 |
| 59P | 2008 08 30.32769 | 02 31 34.80 | +26 35 55.1 | 19.7 T | 704 |
| 59P | 2008 08 30.34050 | 02 31 35.14 | +26 35 59.9 | 19.8 T | 704 |
| 59P | 2008 08 30.37906 | 02 31 36.25 | +26 36 17.5 | 19.3 T | 704 |
| 59P | 2008 09 05.05177 | 02 33 57.52 | +27 14 50.5 | 18.7 N | B49 |
| 59P | 2008 09 05.32540 | 02 34 03.30 | +27 16 38.5 | 19.9 T | 704 |
| 59P | 2008 09 05.33865 | 02 34 03.57 | +27 16 44.1 | 19.7 T | 704 |
| 59P | 2008 09 05.35188 | 02 34 03.82 | +27 16 48.9 | 19.9 T | 704 |
| 59P | 2008 09 05.36512 | 02 34 04.12 | +27 16 54.4 | 19.7 T | 704 |
| 59P | 2008 09 05.37838 | 02 34 04.36 | +27 17 00.7 | 19.6 T | 704 |
| 59P | 2008 09 06.00085 | 02 34 17.13 | +27 21 02.3 | 18.1 N | J40 |
| 59P | 2008 09 06.01113 | 02 34 17.40 | +27 21 07.1 | 19.4 N | J40 |
| 59P | 2008 09 06.02806 | 02 34 17.76 | +27 21 13.8 | 20.4 N | J40 |
| 59P | 2008 09 06.03231 | 02 34 17.81 | +27 21 15.5 | 20.3 N | J40 |
| 59P | 2008 09 13.18208 | 02 36 05.78 | +28 05 28.4 | 17.5 T | 442 |
| 59P | 2008 09 14.01265 | 02 36 13.97 | +28 10 16.8 | 18.0 N | B49 |
| 59P | 2008 09 14.09401 | 02 36 14.73 | +28 10 45.2 | 18.6 N | J51 |
| 59P | 2008 09 14.10375 | 02 36 14.86 | +28 10 49.0 | 18.5 N | J51 |
| 59P | 2008 09 14.11349 | 02 36 14.91 | +28 10 53.3 | 18.3 N | J51 |
| 59P | 2008 09 14.13048 | 02 36 15.07 | +28 10 59.2 | 17.9 N | J47 |
| 59P | 2008 09 14.13611 | 02 36 15.12 | +28 11 01.1 | 18.2 N | J47 |
| 59P | 2008 09 14.14191 | 02 36 15.14 | +28 11 03.5 | 18.3 N | J47 |

## 61P/Shajn-Schaldach

|     |                  |             |             |        |     |
|-----|------------------|-------------|-------------|--------|-----|
| 61P | 2008 07 27.72847 | 02 25 06.29 | +11 17 02.5 | 16.5 N | 372 |
| 61P | 2008 08 14.75851 | 02 52 36.85 | +12 19 09.6 | 17.1 T | 372 |
| 61P | 2008 08 19.11352 | 02 58 35.23 | +12 27 23.2 | 16.9 N | J51 |
| 61P | 2008 08 19.11978 | 02 58 35.70 | +12 27 23.8 | 16.8 N | J51 |
| 61P | 2008 08 19.12604 | 02 58 36.17 | +12 27 24.6 | 16.6 N | J51 |
| 61P | 2008 08 24.05748 | 03 04 58.33 | +12 33 23.3 | 16.8 N | J52 |
| 61P | 2008 08 24.06419 | 03 04 58.80 | +12 33 23.6 | 16.7 N | J52 |
| 61P | 2008 08 24.07104 | 03 04 59.28 | +12 33 23.6 | 16.9 N | J52 |
| 61P | 2008 08 25.10261 | 03 06 15.62 | +12 34 11.5 | 17.3 N | J47 |
| 61P | 2008 08 25.10424 | 03 06 15.80 | +12 34 12.3 | 17.8 N | J47 |
| 61P | 2008 08 25.10588 | 03 06 16.14 | +12 34 13.2 | 17.0 N | J47 |
| 61P | 2008 08 25.10833 | 03 06 16.31 | +12 34 13.6 | 16.8 N | J47 |
| 61P | 2008 08 26.10466 | 03 07 28.98 | +12 34 51.3 | 17.1 N | J51 |
| 61P | 2008 08 26.10927 | 03 07 29.32 | +12 34 51.4 | 17.3 N | J51 |
| 61P | 2008 08 26.11388 | 03 07 29.62 | +12 34 51.3 | 17.3 N | J51 |

|                                  |                  |             |             |        |     |     |                  |             |             |        |     |
|----------------------------------|------------------|-------------|-------------|--------|-----|-----|------------------|-------------|-------------|--------|-----|
| 61P                              | 2008 08 28.04806 | 03 09 47.12 | +12 35 37.6 | 17.4 T | 215 | 67P | 2008 08 23.96927 | 21 13 11.10 | -28 33 44.8 | 16.2 N | J38 |
| 61P                              | 2008 08 28.04876 | 03 09 47.21 | +12 35 37.4 | 17.6 T | 215 | 67P | 2008 08 24.92122 | 21 12 01.94 | -28 37 50.9 | 16.1 N | J40 |
| 61P                              | 2008 08 28.04947 | 03 09 47.20 | +12 35 37.4 | 16.6 T | 215 | 67P | 2008 08 24.94416 | 21 12 00.22 | -28 37 57.2 | 16.0 N | J40 |
| 61P                              | 2008 08 28.10762 | 03 09 51.28 | +12 35 39.4 | 16.6 N | J51 | 67P | 2008 08 24.97168 | 21 11 58.07 | -28 38 05.1 | 16.7 N | J40 |
| 61P                              | 2008 08 28.11725 | 03 09 52.11 | +12 35 39.9 | 16.9 N | J51 | 67P | 2008 08 24.97359 | 21 11 58.11 | -28 38 05.6 | 16.2 N | J47 |
| 61P                              | 2008 08 30.05483 | 03 12 04.89 | +12 35 52.4 | 17.0 N | 213 | 67P | 2008 08 24.97716 | 21 11 57.87 | -28 38 05.3 | 16.1 N | J47 |
| 61P                              | 2008 08 30.05621 | 03 12 05.08 | +12 35 52.6 | 17.0 N | 213 | 67P | 2008 08 24.98073 | 21 11 57.64 | -28 38 07.2 | 16.2 N | J47 |
| 61P                              | 2008 08 30.17130 | 03 12 12.54 | +12 35 51.9 | 17.8 N | B37 | 67P | 2008 08 24.98515 | 21 11 57.12 | -28 38 08.1 | 16.5 N | 204 |
| 61P                              | 2008 08 30.17181 | 03 12 12.68 | +12 35 52.4 | 17.9 N | B37 | 67P | 2008 08 24.98549 | 21 11 57.24 | -28 38 08.1 | 16.3 N | J47 |
| 61P                              | 2008 08 30.17386 | 03 12 12.83 | +12 35 52.7 | 17.6 N | B37 | 67P | 2008 08 25.00268 | 21 11 55.80 | -28 38 12.6 |        | 204 |
| 61P                              | 2008 08 30.17487 | 03 12 12.86 | +12 35 52.6 | 17.4 N | B37 | 67P | 2008 08 25.98577 | 21 10 44.93 | -28 42 15.0 | 16.3 N | J51 |
| 61P                              | 2008 08 30.26306 | 03 12 18.86 | +12 35 57.7 | 17.5 N | 844 | 67P | 2008 08 25.99170 | 21 10 44.50 | -28 42 16.7 | 16.1 N | J51 |
| 61P                              | 2008 08 30.26567 | 03 12 18.92 | +12 35 59.5 | 17.6 N | 844 | 67P | 2008 08 25.99764 | 21 10 44.08 | -28 42 18.6 | 15.9 N | J51 |
| 61P                              | 2008 08 30.27084 | 03 12 19.36 | +12 35 57.7 | 17.2 N | 844 | 67P | 2008 08 26.00479 | 21 10 43.63 | -28 42 19.2 | 16.3 N | J47 |
| 61P                              | 2008 08 30.27615 | 03 12 19.67 | +12 35 59.5 | 17.5 N | 844 | 67P | 2008 08 26.00819 | 21 10 43.21 | -28 42 20.4 | 16.5 N | J47 |
| 61P                              | 2008 08 31.11417 | 03 13 15.51 | +12 35 45.4 | 16.8 N | J51 | 67P | 2008 08 26.00861 | 21 10 43.21 | -28 42 20.7 | 16.8 N | J47 |
| 61P                              | 2008 08 31.11927 | 03 13 15.85 | +12 35 45.8 | 16.8 N | J51 | 67P | 2008 08 26.01243 | 21 10 42.90 | -28 42 21.6 | 15.9 N | J47 |
| 61P                              | 2008 08 31.12437 | 03 13 16.19 | +12 35 45.6 | 16.8 N | J51 | 67P | 2008 08 28.01873 | 21 08 19.48 | -28 49 56.3 | 16.2 N | J51 |
| 61P                              | 2008 08 31.74444 | 03 13 56.70 | +12 35 36.9 | 18.0 T | 372 | 67P | 2008 08 28.02355 | 21 08 19.11 | -28 49 57.4 | 16.2 N | J51 |
| 61P                              | 2008 09 03.16715 | 03 16 30.37 | +12 34 31.0 | 16.9 N | J47 | 67P | 2008 08 28.02837 | 21 08 18.74 | -28 49 58.6 | 16.2 N | J51 |
| 61P                              | 2008 09 03.16935 | 03 16 30.51 | +12 34 30.8 | 16.8 N | J47 | 67P | 2008 08 29.92283 | 21 06 05.92 | -28 56 19.5 | 16.7 N | 213 |
| 61P                              | 2008 09 03.17001 | 03 16 30.54 | +12 34 30.8 | 17.0 N | J47 | 67P | 2008 08 29.92490 | 21 06 05.76 | -28 56 20.0 | 16.6 N | 213 |
| 61P                              | 2008 09 03.17309 | 03 16 30.69 | +12 34 30.7 | 17.1 N | J47 | 67P | 2008 08 29.92766 | 21 06 05.55 | -28 56 20.6 | 16.7 N | 213 |
| 61P                              | 2008 09 05.09869 | 03 18 26.56 | +12 32 59.3 | 15.6 T | J75 | 67P | 2008 08 29.93175 | 21 06 05.37 | -28 56 21.2 | 16.1 N | 232 |
| 61P                              | 2008 09 05.10525 | 03 18 27.05 | +12 32 58.1 | 15.5 T | J75 | 67P | 2008 08 29.93694 | 21 06 04.90 | -28 56 23.5 | 17.3 N | 232 |
| 61P                              | 2008 09 05.11201 | 03 18 27.45 | +12 32 58.6 | 15.6 T | J75 | 67P | 2008 08 29.94213 | 21 06 04.61 | -28 56 23.6 | 16.5 N | 232 |
| 61P                              | 2008 09 05.11844 | 03 18 27.84 | +12 32 57.6 | 15.4 T | J75 | 67P | 2008 08 29.94643 | 21 06 04.40 | -28 56 23.6 | 16.4 N | J51 |
| 61P                              | 2008 09 05.12536 | 03 18 28.14 | +12 32 57.5 | 15.7 T | J75 | 67P | 2008 08 29.95012 | 21 06 04.12 | -28 56 24.2 | 16.3 N | J51 |
| 61P                              | 2008 09 05.13179 | 03 18 28.41 | +12 32 56.6 | 15.6 T | J75 | 67P | 2008 08 29.95382 | 21 06 03.83 | -28 56 24.9 | 16.2 N | J51 |
| 61P                              | 2008 09 08.78471 | 03 21 53.80 | +12 28 37.7 | 17.4 N | 900 | 67P | 2008 08 29.97929 | 21 06 02.04 | -28 56 29.5 | 16.3 N | J47 |
| 61P                              | 2008 09 08.79089 | 03 21 54.16 | +12 28 37.4 |        | 900 | 67P | 2008 08 29.98165 | 21 06 01.86 | -28 56 30.1 | 16.3 N | J47 |
| 61P                              | 2008 09 09.05435 | 03 22 08.21 | +12 28 12.5 | 15.9 N | A71 | 67P | 2008 08 29.98224 | 21 06 01.81 | -28 56 30.1 | 16.5 N | J47 |
| 61P                              | 2008 09 09.05787 | 03 22 08.38 | +12 28 12.5 | 15.9 N | A71 | 67P | 2008 08 29.98295 | 21 06 01.99 | -28 56 23.7 | 17.2 N | I32 |
| 61P                              | 2008 09 09.06139 | 03 22 08.56 | +12 28 12.2 | 16.0 N | A71 | 67P | 2008 08 29.98460 | 21 06 01.71 | -28 56 29.8 | 16.8 N | J47 |
| <b>67P/Churyumov-Gerasimenko</b> |                  |             |             |        |     | 67P | 2008 08 30.08381 | 21 05 54.75 | -28 56 43.7 | 16.8 N | 844 |
| 67P                              | 2008 08 19.04757 | 21 19 11.24 | -28 09 35.5 | 16.8 N | J47 | 67P | 2008 08 30.08942 | 21 05 54.36 | -28 56 44.7 | 16.9 N | 844 |
| 67P                              | 2008 08 19.05661 | 21 19 10.55 | -28 09 39.9 | 17.0 N | J47 | 67P | 2008 08 30.09161 | 21 05 54.20 | -28 56 45.3 | 16.8 N | 844 |
| 67P                              | 2008 08 19.05984 | 21 19 10.21 | -28 09 40.5 | 17.4 N | J47 | 67P | 2008 08 30.09744 | 21 05 53.80 | -28 56 46.3 | 16.9 N | 844 |
| 67P                              | 2008 08 19.27959 | 21 18 53.96 | -28 10 42.9 | 17.1 T | 844 | 67P | 2008 08 30.09851 | 21 05 53.71 | -28 56 46.2 | 16.8 N | 844 |
| 67P                              | 2008 08 19.29053 | 21 18 53.19 | -28 10 46.6 | 16.8 T | 844 | 67P | 2008 08 30.85896 | 21 05 01.63 | -28 59 09.1 | 16.2 N | A77 |
| 67P                              | 2008 08 21.63367 | 21 16 01.71 | -28 22 51.4 | 16.6 N | 900 | 67P | 2008 08 30.86715 | 21 05 00.76 | -28 59 10.8 | 16.7 N | A77 |
| 67P                              | 2008 08 21.63985 | 21 16 01.24 | -28 22 52.8 |        | 900 | 67P | 2008 08 30.87516 | 21 05 00.26 | -28 59 12.6 | 16.5 N | A77 |
| 67P                              | 2008 08 21.90590 | 21 15 41.96 | -28 24 10.7 | 16.2 N | 213 | 67P | 2008 08 30.95840 | 21 04 54.58 | -28 59 25.5 | 16.0 N | J51 |
| 67P                              | 2008 08 21.90655 | 21 15 41.91 | -28 24 11.0 | 16.2 N | 213 | 67P | 2008 08 30.96468 | 21 04 54.14 | -28 59 26.9 | 16.1 N | J51 |
| 67P                              | 2008 08 21.90915 | 21 15 41.74 | -28 24 11.5 | 16.2 N | 213 | 67P | 2008 08 30.97095 | 21 04 53.69 | -28 59 28.2 | 16.2 N | J51 |
| 67P                              | 2008 08 23.20498 | 21 14 06.97 | -28 30 17.0 | 17.0 T | 704 | 67P | 2008 08 30.97125 | 21 04 53.58 | -28 59 28.8 | 16.5 N | J40 |
| 67P                              | 2008 08 23.21830 | 21 14 05.93 | -28 30 20.5 | 17.2 T | 704 | 67P | 2008 08 30.98944 | 21 04 52.30 | -28 59 31.0 | 16.6 N | J40 |
| 67P                              | 2008 08 23.23158 | 21 14 04.94 | -28 30 24.0 | 17.3 T | 704 | 67P | 2008 08 31.01662 | 21 04 50.33 | -28 59 37.1 | 16.5 N | J40 |
| 67P                              | 2008 08 23.24481 | 21 14 03.96 | -28 30 28.1 | 17.1 T | 704 | 67P | 2008 08 31.46714 | 21 04 19.99 | -29 00 52.4 | 16.8 N | 372 |
| 67P                              | 2008 08 23.25802 | 21 14 02.92 | -28 30 31.3 | 17.1 T | 704 | 67P | 2008 08 31.47045 | 21 04 19.77 | -29 00 53.1 | 16.7 N | 372 |
| 67P                              | 2008 08 23.96286 | 21 13 11.59 | -28 33 42.7 | 16.2 N | J38 | 67P | 2008 08 31.47350 | 21 04 19.56 | -29 00 53.7 | 16.7 N | 372 |
| 67P                              | 2008 08 23.96713 | 21 13 11.26 | -28 33 44.1 | 16.2 N | J38 | 67P | 2008 08 31.59973 | 21 04 10.71 | -29 01 14.6 | 16.6 N | 900 |
|                                  |                  |             |             |        |     | 67P | 2008 08 31.60449 | 21 04 10.36 | -29 01 15.2 |        | 900 |

2008 SEPT. 17

M.P.C. 63801

|                    |                  |             |             |        |     |                              |                  |             |             |        |     |
|--------------------|------------------|-------------|-------------|--------|-----|------------------------------|------------------|-------------|-------------|--------|-----|
| 67P                | 2008 08 31.92493 | 21 03 49.04 | -29 02 04.2 | 16.5 N | J47 | 68P                          | 2008 08 29.89782 | 15 52 06.78 | -08 24 08.9 | 16.3 N | J51 |
| 67P                | 2008 08 31.93725 | 21 03 48.04 | -29 02 08.8 | 16.5 N | J47 | 68P                          | 2008 08 29.90314 | 15 52 07.15 | -08 24 10.8 | 16.4 N | J51 |
| 67P                | 2008 08 31.94711 | 21 03 47.39 | -29 02 11.1 | 16.4 N | J47 | 68P                          | 2008 08 30.81295 | 15 53 11.54 | -08 30 57.0 | 16.0 N | A77 |
| 67P                | 2008 08 31.95707 | 21 03 46.71 | -29 02 11.6 | 16.3 N | J47 | 68P                          | 2008 08 30.81760 | 15 53 11.91 | -08 30 59.0 | 16.1 N | A77 |
| 67P                | 2008 08 31.96939 | 21 03 45.84 | -29 02 13.1 | 16.3 N | J47 | 68P                          | 2008 08 30.82380 | 15 53 12.34 | -08 31 01.7 | 16.3 N | A77 |
| 67P                | 2008 09 02.52336 | 21 02 02.36 | -29 05 57.2 | 16.5 N | E16 | 68P                          | 2008 08 31.50174 | 15 54 00.90 | -08 36 03.6 |        | 900 |
| 67P                | 2008 09 02.60437 | 21 01 56.88 | -29 06 09.0 | 16.3 N | E16 | 68P                          | 2008 08 31.50545 | 15 54 01.10 | -08 36 04.9 | 17.0 N | 900 |
| 67P                | 2008 09 03.03361 | 21 01 28.92 | -29 07 11.8 | 16.0 N | J45 | 68P                          | 2008 09 02.79722 | 15 56 50.22 | -08 53 13.5 | 16.4 N | 235 |
| 67P                | 2008 09 03.05179 | 21 01 27.65 | -29 07 14.4 | 16.4 N | J45 | 68P                          | 2008 09 09.44798 | 16 05 38.58 | -09 43 10.6 |        | 900 |
| 67P                | 2008 09 03.87263 | 21 00 34.84 | -29 08 56.6 | 15.2 N | 104 | 68P                          | 2008 09 09.45417 | 16 05 39.12 | -09 43 14.5 | 17.3 N | 900 |
| 67P                | 2008 09 03.87929 | 21 00 34.42 | -29 08 57.6 | 15.2 N | 104 | <b>93P/Lovas</b>             |                  |             |             |        |     |
| 67P                | 2008 09 03.88697 | 21 00 33.93 | -29 08 58.5 | 15.0 N | 104 | 93P                          | 2007 12 31.07128 | 01 16 08.36 | +28 14 43.7 | 15.8 T | 699 |
| 67P                | 2008 09 03.89631 | 21 00 33.30 | -29 08 59.7 | 15.1 N | 104 | 93P                          | 2007 12 31.08945 | 01 16 10.35 | +28 14 49.4 | 15.7 T | 699 |
| 67P                | 2008 09 04.89249 | 20 59 30.27 | -29 10 46.6 | 16.3 N | 213 | 93P                          | 2007 12 31.10761 | 01 16 12.29 | +28 14 54.8 | 15.5 T | 699 |
| 67P                | 2008 09 04.89904 | 20 59 29.83 | -29 10 50.7 | 16.4 N | 213 | 93P                          | 2007 12 31.12576 | 01 16 14.40 | +28 15 00.2 | 15.5 T | 699 |
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| 67P                | 2008 09 08.53436 | 20 55 51.93 | -29 15 28.5 | 16.1 N | 352 | <b>144P/Kushida</b>          |                  |             |             |        |     |
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| 67P                | 2008 09 09.52119 | 20 54 56.48 | -29 16 11.8 |        | 900 | <b>145P/Shoemaker-Levy</b>   |                  |             |             |        |     |
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## M.P.C. 63802

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| <b>167P/CINEOS</b>         |                  |             |             |        |     |
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| <b>188P/LINEAR-Mueller</b> |                  |             |             |        |     |
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200P/Larsen

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| 200P | 2008 09 12.89496 | 01 04 32.08 | +19 03 33.3 | 18.5 N | A77 |

201P/LONEOS

|      |                  |             |             |        |     |
|------|------------------|-------------|-------------|--------|-----|
| 201P | 2001 08 09.42387 | 22 11 27.16 | −23 35 23.1 |        | 644 |
| 201P | 2001 08 14.35814 | 22 06 42.45 | −24 06 30.1 | 18.7 N | 644 |
| 201P | 2001 08 14.36850 | 22 06 41.79 | −24 06 34.2 | 18.5 N | 644 |
| 201P | 2001 08 14.37922 | 22 06 41.07 | −24 06 38.3 | 18.9 N | 644 |
| 201P | 2008 08 31.08719 | 07 39 31.16 | +25 12 23.9 | 16.5 N | A71 |
| 201P | 2008 09 01.09417 | 07 43 02.59 | +25 07 32.9 | 16.7 N | B40 |
| 201P | 2008 09 01.09919 | 07 43 03.68 | +25 07 31.2 | 16.5 N | B40 |
| 201P | 2008 09 01.10472 | 07 43 04.87 | +25 07 28.8 | 16.6 N | B40 |
| 201P | 2008 09 01.11482 | 07 43 07.03 | +25 07 25.9 | 16.7 N | B40 |
| 201P | 2008 09 01.12415 | 07 43 08.93 | +25 07 24.2 | 16.8 N | B40 |
| 201P | 2008 09 01.13355 | 07 43 10.86 | +25 07 21.2 | 16.9 N | B40 |
| 201P | 2008 09 01.14201 | 07 43 12.65 | +25 07 18.9 | 16.9 N | B40 |
| 201P | 2008 09 01.15058 | 07 43 14.41 | +25 07 16.2 | 16.6 N | B40 |
| 201P | 2008 09 02.78221 | 07 48 54.32 | +24 58 49.3 |        | 349 |
| 201P | 2008 09 02.78531 | 07 48 54.95 | +24 58 48.6 |        | 349 |
| 201P | 2008 09 02.78838 | 07 48 55.56 | +24 58 47.8 | 16.4 T | 349 |
| 201P | 2008 09 03.11308 | 07 50 02.74 | +24 57 00.8 |        | 118 |
| 201P | 2008 09 03.11638 | 07 50 03.48 | +24 56 59.6 |        | 118 |
| 201P | 2008 09 08.77707 | 08 09 14.44 | +24 22 24.9 |        | 367 |
| 201P | 2008 09 08.78020 | 08 09 15.06 | +24 22 23.3 | 16.7 N | 367 |
| 201P | 2008 09 08.80184 | 08 09 19.48 | +24 22 16.8 |        | 900 |
| 201P | 2008 09 08.80803 | 08 09 20.63 | +24 22 13.6 | 16.5 N | 900 |
| 201P | 2008 09 09.10719 | 08 10 20.09 | +24 20 10.8 | 16.3 N | A71 |
| 201P | 2008 09 09.11001 | 08 10 20.85 | +24 20 10.1 | 16.4 N | A71 |
| 201P | 2008 09 09.11285 | 08 10 21.35 | +24 20 09.3 | 16.5 N | A71 |
| 201P | 2008 09 09.12503 | 08 10 23.90 | +24 20 03.8 | 17.0 T | 215 |
| 201P | 2008 09 09.12574 | 08 10 24.02 | +24 20 03.5 | 17.3 T | 215 |
| 201P | 2008 09 09.12644 | 08 10 24.14 | +24 20 03.1 | 17.0 T | 215 |
| 201P | 2008 09 09.78611 | 08 12 35.25 | +24 15 32.8 | 18.0 T | 372 |
| 201P | 2008 09 09.79688 | 08 12 37.47 | +24 15 28.4 | 17.8 T | 372 |
| 201P | 2008 09 10.77030 | 08 15 49.97 | +24 08 36.2 |        | 349 |
| 201P | 2008 09 10.77337 | 08 15 50.56 | +24 08 34.6 |        | 349 |
| 201P | 2008 09 10.77642 | 08 15 51.14 | +24 08 33.3 | 16.6 T | 349 |
| 201P | 2008 09 14.22432 | 08 27 02.49 | +23 42 54.9 | 17.5 N | J51 |
| 201P | 2008 09 14.23283 | 08 27 04.08 | +23 42 52.0 | 17.1 N | J51 |
| 201P | 2008 09 14.24134 | 08 27 05.67 | +23 42 48.1 | 16.8 N | J51 |

202P/Scotti

|      |                  |             |             |        |     |
|------|------------------|-------------|-------------|--------|-----|
| 202P | 2001 12 10.61274 | 08 14 09.72 | +16 35 41.4 | 19.0 T | 608 |
| 202P | 2001 12 10.62326 | 08 14 09.58 | +16 35 40.7 | 18.9 T | 608 |
| 202P | 2001 12 17.45242 | 08 12 27.75 | +16 35 19.0 | 19.3 T | 644 |
| 202P | 2001 12 17.45941 | 08 12 27.48 | +16 35 19.0 | 19.0 T | 644 |



2008 SEPT. 17

M.P.C. 63805

|      |                  |             |             |        |     |      |                  |             |             |        |     |
|------|------------------|-------------|-------------|--------|-----|------|------------------|-------------|-------------|--------|-----|
| 205P | 2008 09 10.69639 | 20 39 28.06 | -01 20 48.9 | 13.1 T | 349 | 205P | 2008 09 10.92781 | 20 39 46.89 | -01 26 32.7 | 15.4 N | J29 |
| 205P | 2008 09 10.70078 | 20 39 28.38 | -01 20 55.8 |        | 349 | 205P | 2008 09 10.93160 | 20 39 47.20 | -01 26 38.0 | 14.6 N | J47 |
| 205P | 2008 09 10.70697 | 20 39 28.83 | -01 21 04.9 | 15.3 N | 900 | 205P | 2008 09 10.93668 | 20 39 47.58 | -01 26 45.9 | 14.6 N | J47 |
| 205P | 2008 09 10.70844 | 20 39 28.96 | -01 21 07.2 |        | 349 | 205P | 2008 09 10.93897 | 20 39 47.76 | -01 26 49.1 | 14.7 N | J47 |
| 205P | 2008 09 10.71141 | 20 39 29.17 | -01 21 11.5 |        | 900 | 205P | 2008 09 10.94097 | 20 39 47.90 | -01 26 52.3 | 14.7 N | J47 |
| 205P | 2008 09 10.72292 | 20 39 30.88 | -01 21 27.8 | 13.4 N | C42 | 205P | 2008 09 10.94374 | 20 39 48.09 | -01 26 56.4 | 14.6 N | J47 |
| 205P | 2008 09 10.72979 | 20 39 30.98 | -01 21 43.5 | 13.3 N | C42 | 205P | 2008 09 10.94550 | 20 39 48.19 | -01 26 58.8 | 15.5 N | J29 |
| 205P | 2008 09 10.74064 | 20 39 31.92 | -01 21 56.5 | 13.0 N | C42 | 205P | 2008 09 10.96248 | 20 39 49.35 | -01 27 25.9 | 15.1 N | J40 |
| 205P | 2008 09 10.77020 | 20 39 34.91 | -01 22 41.6 | 15.0 N | 235 | 205P | 2008 09 10.97164 | 20 39 50.03 | -01 27 39.5 | 15.3 N | J40 |
| 205P | 2008 09 10.77521 | 20 39 35.29 | -01 22 49.1 | 14.9 T | 473 | 205P | 2008 09 10.97333 | 20 39 50.14 | -01 27 42.1 | 15.1 N | J40 |
| 205P | 2008 09 10.77758 | 20 39 35.43 | -01 22 52.6 | 15.3 T | 473 | 205P | 2008 09 10.98278 | 20 39 50.84 | -01 27 56.1 | 15.4 N | J40 |
| 205P | 2008 09 10.77926 | 20 39 35.60 | -01 22 55.0 | 14.9 N | 235 | 205P | 2008 09 11.13677 | 20 40 03.41 | -01 31 45.2 | 15.2 N | H47 |
| 205P | 2008 09 10.81387 | 20 39 37.72 | -01 23 46.5 |        | B18 | 205P | 2008 09 11.14172 | 20 40 03.74 | -01 31 52.4 | 15.2 N | H47 |
| 205P | 2008 09 10.81485 | 20 39 37.81 | -01 23 47.6 |        | B18 | 205P | 2008 09 11.15935 | 20 40 05.06 | -01 32 18.4 | 15.1 N | H47 |
| 205P | 2008 09 10.81602 | 20 39 37.90 | -01 23 49.5 |        | B18 | 205P | 2008 09 11.16982 | 20 40 05.81 | -01 32 35.2 | 15.9 N | H55 |
| 205P | 2008 09 10.81817 | 20 39 38.05 | -01 23 52.6 |        | B18 | 205P | 2008 09 11.17288 | 20 40 06.04 | -01 32 39.9 | 15.3 N | H55 |
| 205P | 2008 09 10.82931 | 20 39 39.41 | -01 24 08.2 | 15.2 T | 952 | 205P | 2008 09 11.17596 | 20 40 06.27 | -01 32 44.4 | 15.5 N | H55 |
| 205P | 2008 09 10.83307 | 20 39 39.71 | -01 24 13.9 |        | 952 | 205P | 2008 09 11.17968 | 20 40 06.54 | -01 32 49.8 | 15.9 N | H55 |
| 205P | 2008 09 10.83551 | 20 39 39.73 | -01 24 18.5 | 15.4 T | A99 | 205P | 2008 09 11.18343 | 20 40 06.84 | -01 32 55.5 | 15.2 N | H55 |
| 205P | 2008 09 10.83771 | 20 39 39.88 | -01 24 21.8 | 15.3 T | A99 | 205P | 2008 09 11.18647 | 20 40 07.09 | -01 32 59.0 | 15.0 N | H47 |
| 205P | 2008 09 10.83883 | 20 39 39.98 | -01 24 23.7 | 15.4 T | A99 | 205P | 2008 09 11.19198 | 20 40 07.54 | -01 33 06.8 | 14.6 N | H47 |
| 205P | 2008 09 10.83913 | 20 39 40.20 | -01 24 22.7 | 15.1 T | J70 | 205P | 2008 09 11.19808 | 20 40 07.94 | -01 33 15.6 | 15.1 N | H47 |
| 205P | 2008 09 10.83995 | 20 39 40.10 | -01 24 25.6 | 15.3 T | A99 | 205P | 2008 09 11.20075 | 20 40 08.45 | -01 33 19.8 | 13.8 T | 673 |
| 205P | 2008 09 10.84142 | 20 39 40.63 | -01 24 23.5 | 14.7 T | J51 | 205P | 2008 09 11.20770 | 20 40 08.96 | -01 33 30.0 |        | 673 |
| 205P | 2008 09 10.84215 | 20 39 40.22 | -01 24 29.0 | 15.4 T | A99 | 205P | 2008 09 11.21522 | 20 40 09.51 | -01 33 41.4 |        | 673 |
| 205P | 2008 09 10.84230 | 20 39 40.43 | -01 24 27.7 | 15.0 T | J70 | 205P | 2008 09 11.23049 | 20 40 10.66 | -01 34 03.5 |        | 673 |
| 205P | 2008 09 10.84363 | 20 39 40.49 | -01 24 29.7 |        | 952 | 205P | 2008 09 11.46188 | 20 40 29.29 | -01 39 32.1 | 14.4 N | E16 |
| 205P | 2008 09 10.84642 | 20 39 40.95 | -01 24 31.4 | 14.7 T | J51 | 205P | 2008 09 11.49979 | 20 40 32.23 | -01 40 44.3 | 16.1 N | 379 |
| 205P | 2008 09 10.84719 | 20 39 40.77 | -01 24 34.1 | 15.0 T | J70 | 205P | 2008 09 11.50164 | 20 40 32.35 | -01 40 48.1 | 15.9 N | 379 |
| 205P | 2008 09 10.84793 | 20 39 40.84 | -01 24 36.0 | 15.0 T | J70 | 205P | 2008 09 11.50784 | 20 40 32.77 | -01 40 40.2 | 14.9 N | E16 |
| 205P | 2008 09 10.84867 | 20 39 40.89 | -01 24 36.9 | 15.0 T | J70 | 205P | 2008 09 11.51744 | 20 40 33.64 | -01 41 10.9 |        | 900 |
| 205P | 2008 09 10.85017 | 20 39 41.28 | -01 24 36.7 | 14.4 T | J51 | 205P | 2008 09 11.52363 | 20 40 34.12 | -01 41 20.1 | 15.1 N | 900 |
| 205P | 2008 09 10.85267 | 20 39 41.45 | -01 24 40.6 | 14.6 T | J51 | 205P | 2008 09 11.53096 | 20 40 34.58 | -01 41 31.0 | 15.8 N | 379 |
| 205P | 2008 09 10.85784 | 20 39 41.34 | -01 24 50.3 | 14.4 T | B40 | 205P | 2008 09 11.59348 | 20 40 39.41 | -01 43 04.4 |        | 367 |
| 205P | 2008 09 10.85892 | 20 39 41.94 | -01 24 50.0 | 14.7 T | J51 | 205P | 2008 09 11.59773 | 20 40 39.78 | -01 43 10.2 |        | 367 |
| 205P | 2008 09 10.86018 | 20 39 42.02 | -01 24 51.6 | 14.4 T | J51 | 205P | 2008 09 11.59881 | 20 40 39.82 | -01 43 12.0 | 14.2 T | 367 |
| 205P | 2008 09 10.86406 | 20 39 41.78 | -01 25 00.2 | 14.9 T | B40 | 205P | 2008 09 11.69984 | 20 40 47.58 | -01 45 39.2 | 15.6 T | 372 |
| 205P | 2008 09 10.86957 | 20 39 42.69 | -01 25 05.7 | 14.5 T | J51 | 205P | 2008 09 11.71372 | 20 40 48.64 | -01 46 00.0 |        | 372 |
| 205P | 2008 09 10.87114 | 20 39 42.40 | -01 25 11.5 | 15.5 T | 595 | 205P | 2008 09 11.71771 | 20 40 48.93 | -01 46 05.5 |        | 372 |
| 205P | 2008 09 10.87137 | 20 39 42.48 | -01 25 11.4 | 14.8 T | 213 | 205P | 2008 09 11.77524 | 20 40 54.46 | -01 47 35.0 |        | 048 |
| 205P | 2008 09 10.87181 | 20 39 42.48 | -01 25 12.6 | 14.2 T | B40 | 205P | 2008 09 11.77565 | 20 40 54.50 | -01 47 35.6 |        | 048 |
| 205P | 2008 09 10.87325 | 20 39 42.63 | -01 25 14.3 | 14.9 T | 213 | 205P | 2008 09 11.77728 | 20 40 54.70 | -01 47 37.7 |        | 048 |
| 205P | 2008 09 10.87604 | 20 39 42.73 | -01 25 18.7 | 15.0 T | 595 | 205P | 2008 09 11.77769 | 20 40 54.72 | -01 47 38.9 |        | 048 |
| 205P | 2008 09 10.87818 | 20 39 42.86 | -01 25 21.0 | 14.4 T | B40 | 205P | 2008 09 11.77809 | 20 40 54.78 | -01 47 39.5 |        | 048 |
| 205P | 2008 09 10.87909 | 20 39 43.06 | -01 25 22.9 | 14.9 T | 213 | 205P | 2008 09 11.79817 | 20 40 56.57 | -01 48 08.1 | 15.2 N | 213 |
| 205P | 2008 09 10.87928 | 20 39 43.14 | -01 25 22.8 | 15.1 T | 952 | 205P | 2008 09 11.81393 | 20 40 57.61 | -01 48 32.8 | 15.1 N | 118 |
| 205P | 2008 09 10.88076 | 20 39 43.28 | -01 25 26.6 | 14.3 N | A11 | 205P | 2008 09 11.81459 | 20 40 57.64 | -01 48 33.6 | 15.1 N | 118 |
| 205P | 2008 09 10.88584 | 20 39 43.53 | -01 25 34.8 | 14.7 T | A17 | 205P | 2008 09 11.81657 | 20 40 57.80 | -01 48 36.6 | 15.1 N | 118 |
| 205P | 2008 09 10.88903 | 20 39 43.87 | -01 25 37.4 |        | 952 | 205P | 2008 09 11.81789 | 20 40 57.92 | -01 48 38.6 | 14.9 N | 118 |
| 205P | 2008 09 10.89353 | 20 39 44.10 | -01 25 46.1 | 15.1 T | A17 | 205P | 2008 09 11.86958 | 20 41 02.28 | -01 49 51.0 | 14.8 N | J47 |
| 205P | 2008 09 10.90227 | 20 39 44.74 | -01 25 59.2 | 15.1 T | A17 | 205P | 2008 09 11.88359 | 20 41 03.18 | -01 50 15.2 | 14.7 N | J59 |
| 205P | 2008 09 10.90265 | 20 39 44.83 | -01 25 59.5 | 14.3 N | A11 | 205P | 2008 09 11.88744 | 20 41 03.55 | -01 50 21.3 | 14.5 N | J59 |
| 205P | 2008 09 10.90679 | 20 39 45.40 | -01 26 01.2 | 15.6 N | J29 | 205P | 2008 09 11.88930 | 20 41 03.78 | -01 50 20.1 | 15.0 N | J47 |

|      |                  |             |             |        |     |
|------|------------------|-------------|-------------|--------|-----|
| 205P | 2008 09 11.89461 | 20 41 04.19 | −01 50 27.7 | 14.9 N | J47 |
| 205P | 2008 09 11.89870 | 20 41 04.38 | −01 50 38.2 |        | J59 |
| 205P | 2008 09 11.90243 | 20 41 04.77 | −01 50 39.3 | 13.9 N | J47 |
| 205P | 2008 09 11.92018 | 20 41 06.03 | −01 51 08.6 | 14.5 N | J38 |
| 205P | 2008 09 11.92235 | 20 41 06.19 | −01 51 11.7 | 14.4 N | J38 |
| 205P | 2008 09 11.92432 | 20 41 06.30 | −01 51 13.7 | 14.9 N | J40 |
| 205P | 2008 09 11.92452 | 20 41 06.37 | −01 51 15.2 | 14.6 N | J38 |
| 205P | 2008 09 11.93484 | 20 41 07.11 | −01 51 29.6 | 14.9 N | J40 |
| 205P | 2008 09 11.94138 | 20 41 07.62 | −01 51 39.0 | 14.9 N | J40 |
| 205P | 2008 09 11.95873 | 20 41 08.93 | −01 52 04.7 | 15.3 N | J40 |
| 205P | 2008 09 12.47322 | 20 41 51.42 | −02 04 43.9 |        | D88 |
| 205P | 2008 09 12.47432 | 20 41 51.50 | −02 04 45.8 |        | D88 |
| 205P | 2008 09 12.47542 | 20 41 51.57 | −02 04 47.6 | 14.8 T | D88 |
| 205P | 2008 09 12.80213 | 20 42 18.67 | −02 12 48.1 | 15.6 N | B49 |
| 205P | 2008 09 12.81451 | 20 42 19.65 | −02 13 06.6 | 15.5 N | B49 |
| 205P | 2008 09 12.82801 | 20 42 20.72 | −02 13 26.2 | 15.6 N | B49 |
| 205P | 2008 09 12.88998 | 20 42 25.62 | −02 14 56.0 | 14.6 N | B40 |
| 205P | 2008 09 12.89750 | 20 42 26.10 | −02 15 09.1 | 15.0 N | B40 |
| 205P | 2008 09 13.82387 | 20 43 44.43 | −02 37 42.4 | 15.3 N | B49 |
| 205P | 2008 09 13.83218 | 20 43 45.07 | −02 37 54.4 | 15.2 N | B49 |
| 205P | 2008 09 13.84058 | 20 43 45.74 | −02 38 06.3 | 15.3 N | B49 |
| 205P | 2008 09 13.84171 | 20 43 45.92 | −02 38 07.4 | 16.4 N | J20 |
| 205P | 2008 09 13.85108 | 20 43 46.64 | −02 38 20.9 | 16.1 N | J20 |
| 205P | 2008 09 13.93809 | 20 43 53.94 | −02 40 25.6 | 14.5 N | J51 |
| 205P | 2008 09 13.94332 | 20 43 54.35 | −02 40 33.3 | 14.6 N | J51 |
| 205P | 2008 09 13.94855 | 20 43 54.77 | −02 40 40.9 | 14.5 N | J51 |
| 205P | 2008 09 14.05943 | 20 44 03.63 | −02 43 20.2 | 14.2 N | J45 |
| 205P | 2008 09 14.06926 | 20 44 04.54 | −02 43 34.1 | 14.2 N | J45 |
| 205P | 2008 09 14.59659 | 20 44 50.23 | −02 56 20.6 | 14.6 N | 900 |
| 205P | 2008 09 14.60122 | 20 44 50.63 | −02 56 27.3 |        | 900 |
| 205P | 2008 09 14.81414 | 20 45 09.82 | −03 01 34.2 | 16.8 N | J20 |
| 205P | 2008 09 14.84117 | 20 45 11.99 | −03 02 12.8 | 16.3 N | J20 |
| 205P | 2008 09 14.85016 | 20 45 13.06 | −03 02 24.8 | 14.7 N | J47 |
| 205P | 2008 09 14.86070 | 20 45 13.94 | −03 02 39.8 | 13.8 N | J47 |
| 205P | 2008 09 14.86983 | 20 45 14.70 | −03 02 52.7 | 13.5 N | J47 |
| 205P | 2008 09 14.87754 | 20 45 15.25 | −03 03 07.0 | 14.4 N | J38 |
| 205P | 2008 09 14.88188 | 20 45 15.60 | −03 03 13.6 | 14.4 N | J38 |
| 205P | 2008 09 14.88296 | 20 45 15.70 | −03 03 14.8 | 14.4 N | J38 |
| 205P | 2008 09 14.89483 | 20 45 16.51 | −03 03 31.7 | 14.6 N | 213 |
| 205P | 2008 09 14.89635 | 20 45 16.64 | −03 03 33.9 | 14.5 N | 213 |
| 205P | 2008 09 14.89802 | 20 45 16.75 | −03 03 36.4 | 14.6 N | 213 |
| 205P | 2008 09 14.96209 | 20 45 22.25 | −03 05 09.6 | 14.6 N | 945 |
| 205P | 2008 09 14.96341 | 20 45 22.36 | −03 05 11.1 | 14.6 N | 945 |
| 205P | 2008 09 14.96479 | 20 45 22.50 | −03 05 12.7 | 14.6 N | 945 |
| 205P | 2008 09 14.96610 | 20 45 22.64 | −03 05 15.0 | 14.6 N | 945 |
| 205P | 2008 09 14.96727 | 20 45 22.70 | −03 05 16.6 | 14.7 N | 945 |
| 205P | 2008 09 14.99496 | 20 45 24.95 | −03 05 54.6 | 15.0 N | J40 |
| 205P | 2008 09 14.99947 | 20 45 25.34 | −03 06 01.4 | 14.8 N | J40 |
| 205P | 2008 09 15.00101 | 20 45 25.45 | −03 06 03.3 | 15.0 N | J40 |
| 205P | 2008 09 15.00755 | 20 45 26.07 | −03 06 12.8 | 15.0 N | J40 |
| 205P | 2008 09 15.22194 | 20 45 45.19 | −03 11 20.1 | 13.5 T | 673 |
| 205P | 2008 09 15.22889 | 20 45 45.78 | −03 11 29.9 |        | 673 |

|      |                  |             |             |     |
|------|------------------|-------------|-------------|-----|
| 205P | 2008 09 15.23583 | 20 45 46.36 | −03 11 39.8 | 673 |
| 205P | 2008 09 15.24278 | 20 45 46.95 | −03 11 49.7 | 673 |

Note 1: bad seeing. 2: involved with star. 3: faint image. 4: streaked image.  
5: poor sky.

## OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

- 415 Kambah, near Canberra. Observer D. Herald. 0.36-m  $f/3.9$  Schmidt-Cassegrain + CCD.  
673 Table Mountain Observatory, Wrightwood. Observers K. L. Brandt, M. Tu. Measurers K. L. Brandt, M. Tu, W. M. Owen, Jr. 0.61-m  $f/16$  reflector + CCD.

| Object      | Date              | UT | $\alpha_{2000}$ | $\delta_{2000}$ | Mag.   | Obs. |
|-------------|-------------------|----|-----------------|-----------------|--------|------|
| Jupiter VI  | 2008 08 19.243824 |    | 18 57 49.531    | −23 29 24.94    |        | 673  |
| Jupiter VI  | 2008 08 19.246907 |    | 18 57 49.496    | −23 29 25.06    |        | 673  |
| Jupiter VI  | 2008 08 19.249990 |    | 18 57 49.465    | −23 29 25.18    |        | 673  |
| Jupiter VI  | 2008 08 20.254123 |    | 18 57 39.589    | −23 29 54.71    |        | 673  |
| Jupiter VI  | 2008 08 20.257207 |    | 18 57 39.586    | −23 29 54.71    |        | 673  |
| Jupiter VI  | 2008 08 20.260292 |    | 18 57 39.588    | −23 29 54.64    |        | 673  |
| Jupiter VI  | 2008 08 21.262535 |    | 18 57 30.184    | −23 30 24.49    |        | 673  |
| Jupiter VI  | 2008 08 21.265629 |    | 18 57 30.153    | −23 30 24.59    |        | 673  |
| Jupiter VI  | 2008 08 21.268711 |    | 18 57 30.131    | −23 30 24.70    |        | 673  |
| Jupiter IX  | 2008 08 24.39041  |    | 18 55 03.00     | −23 53 36.1     | 18.7 V | 415  |
| Jupiter IX  | 2008 08 24.40791  |    | 18 55 02.85     | −23 53 36.4     | 18.1 V | 415  |
| Jupiter X   | 2008 08 21.56885  |    | 18 56 39.25     | −22 40 46.4     | 18.2 V | 415  |
| Jupiter XII | 2008 08 21.54264  |    | 19 02 47.17     | −23 02 11.8     | 18.9 V | 415  |
| Jupiter XII | 2008 08 21.55316  |    | 19 02 47.01     | −23 02 11.6     | 18.8 V | 415  |
| Neptune II  | 2008 08 24.54591  |    | 21 40 13.34     | −14 18 18.5     | 18.2 V | 415  |
| Neptune II  | 2008 08 24.56345  |    | 21 40 13.25     | −14 18 18.9     | 18.8 V | 415  |

## OBSERVATIONS OF MINOR PLANETS

The summary lists, for each observatory code, provide a count of the total number of observations, of the number of objects and of the number of discoveries followed by an asterisk, together with the total range of dates covered by the observations.

## 012 Uccle

E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Eric.Elst@oma.be] (1)

T. Pauwels, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Thierry.Pauwels@oma.be] (2)

P. De Cat, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [peter@oma.be] (5)

Observers E. W. Elst, P. De Cat  
Measurers P. De Cat, T. Pauwels  
0.85-m  $f/2.5$  Schmidt + CCD  
GSC-1.2

{1} [36, 13, 1\*, 2008/08/30–2008/08/31]

{2} [6, 2, 0\*, 2000/12/15–2008/09/09]

{5} [85, 22, 0\*, 2006/10/16–2008/09/09]

#### 024 Heidelberg-Königstuhl

F. Hormuth, Max-Planck-Institut für Astronomie, Königstuhl, D-69117 Heidelberg, Germany [hormuth@mpia.de]

Observers F. Hormuth, H. Stoev

0.70-m reflector + CCD

UCAC-2

[3, 1, 0\*, 2008/08/30]

#### 046 Kleť

J. Tichá, Hvězdárna Kleť, Zátkovo nábřeží 4, CZ-37001 České Budějovice, South Bohemia, Czech Republic [klet@klet.cz]

Observers M. Honková, M. Tichý

0.57-m  $f/5.2$  reflector + CCD

USNO-B1.0

[48, 5, 0\*, 2008/08/24–2008/08/30]

#### 049 Uppsala-Kvistaberg

C.-I. Lagerkvist, Uppsala Astronomical Observatory, Box 515, S-75120 Uppsala, Sweden [classe@astro.uu.se]

Observers O. Karlsson, C.-I. Lagerkvist, T. Oja, J. Näränen

Measurers G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell

1.0-m Schmidt + CCD

USNO-SA2.0

[6, 2, 0\*, 2000/01/27–2003/08/20]

#### 056 Skalnaté Pleso

L. Neslusan, Astronomical Institute, Slovak Academy of Sciences, SK-05960 Tatranská Lomnicá, Slovakia [ne@ta3.sk]

Observer M. Pikler

Measurer M. Husarik

0.61-m  $f/4.3$  reflector + CCD

UCAC-2

[24, 3, 0\*, 2008/09/02–2008/09/05]

#### 069 Baldone, near Riga

I. Eglitis, Institute of Astronomy University of Latvia, Boulevard Rainis 19, Riga, Latvia [ilgmars@latnet.lv]

Observer I. Eglitis

Measurer K. Černis

0.80-m  $f/3.0$  Schmidt + CCD

USNO-B1.0

[61, 18, 0\*, 2008/02/04–2008/02/28]

#### 097 Wise Observatory, Mitzpeh Ramon

E. Ofek, Wise Observatory, Tel-Aviv University, IL-69978 Tel-Aviv, Israel [Eran@wise.tau.ac.il]

Observer D. Polishook

1.0-m  $f/7$  reflector + CCD

USNO-A2.0

[33, 7, 0\*, 1999/07/11–2008/08/03]

#### 104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San Marcello Pistoiese (PT), Italy [iau@arcetri.astro.it]

Observers L. Tesi, G. Fagioli, M. Mazzucato, L. Greco, M. Vivarelli

0.60-m  $f/4$  reflector + CCD

USNO-A2.0

[398, 116, 1\*, 2008/05/03–2008/09/03]

#### 106 Crni Vrh

H. Mikuž, Kersnikova 11, SI-61000 Ljubljana, Slovenia [herman.mikuz@uni-lj.si]

Observers S. Matičič, H. Mikuž, J. Skvarč, J. Zakrajsek, B. Mikuž

0.60-m  $f/3.3$  Deltagraph + CCD

UCAC-2, USNO-A2.0

[4571, 1031, 4\*, 2008/07/09–2008/09/10]

#### 113 Volkssternwarte Drebach, Schoenbrunn

G. Lehmann, Persterstrasse 6h, D-09430 Drebach, Germany

[g.lehmann@abo.freieipresse.de]

Observers A. Knöfel, G. Lehmann, C. 113, J. Kandler

0.5-m  $f/5$  reflector + CCD

UCAC-2

[162, 45, 1\*, 2005/09/04–2008/09/09]

#### 114 Engelhardt Observatory, Zelenchukskaya Station

T. V. Kryachko, University Astronomical Station, Lenina 41, Zelenchukskaya, 357140 Karachaevo-Cherkessia Republic, Russia [timur@sao.stavropol.su]

Observers B. Satovski, T. V. Kryachko, S. Korotkiy

Measurers T. V. Kryachko, S. Korotkiy

0.3-m  $f/7.7$  reflector + CCD

UCAC-2

[836, 81, 13\*, 2008/01/11–2008/09/04]

#### 118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia [ago@fmph.uniba.sk]

Observers Š. Gajdoš, L. Kornoš, J. Világi

0.6-m  $f/5.5$  reflector + CCD

USNO-A2.0, UCAC-2, USNO-SA2.0

[130, 25, 0\*, 2008/08/18–2008/09/10]

#### 122 Pises Observatory

J. M. Lopez, 5 Rue Meyrueis, F-34000 Montpellier, France

[jean.m.lopez2@wanadoo.fr]

Observers C. Demeautis, J. M. Lopez

0.50-m  $f/4.4$  reflector + CCD

UCAC-2

[1428, 205, 27\*, 2007/01/13–2008/08/30]

#### 130 Lumezzane

S. Foglia, C. Gariboldi 11, I-28100 Novara Veveri, Italy [s.foglia@libero.it]

Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini

0.40-m  $f/4.5$  reflector + CCD

UCAC-2, USNO-B1.0

[142, 39, 0\*, 2008/09/08–2008/09/10]

#### 143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [stefanosposetti@freesurf.ch]

0.40-m  $f/4$  reflector + CCD

UCAC-2

[6, 2, 0\*, 2008/09/08]

#### 147 Osservatorio Astronomico di Suno

S. Foglia, C. Gariboldi 11, I-28100 Novara Veveri, Italy [s.foglia@libero.it]

Observers P. Concari, D. Crespi, S. Foglia, G. Galli, O. Lesca, S. Minuto

0.40-m  $f/4$  reflector + CCD

USNO-A2.0, UCAC-2, USNO-B1.0

[2, 2, 0\*, 2008/08/23]

#### 151 Eschenberg Observatory, Winterthur

M. Griesser, Breitenstrasse 2, CH-8542 Wiesendangen, Switzerland

[griesser@spectraweb.ch]

0.40-m  $f/5.9$  Hypergraph + CCD

UCAC-2, USNO-B1.0

[163, 39, 1\*, 2008/08/24–2008/09/07]

#### 152 Moletai Astronomical Observatory

K. Černis, Institute of Theoretical Physics and Astronomy, Gostauto 12, LT-2000

Vilnius, Lithuania [cernis@itpa.lt]

Observers K. Černis, J. Zdanavicius, E. Černis

0.35-m  $f/3.5$  reflector + CCD

USNO-B1.0

[277, 72, 11\*, 2003/03/27–2008/09/02]

#### 169 Airali Observatory

S. Puccini, Airali Observatory, Via Montegrappa 16, I-15030 Rosignano, Italy

[starfield@tin.it]

0.25-m Schmidt-Cassegrain + CCD

UCAC-2

[17, 4, 0\*, 2008/06/25–2008/08/08]

#### 170 Observatorio de Begues

J. Manteca, c/Santpere, no. Casa 22, E-08859 Begues, Barcelona, Spain

[jmantecav@nexo.es]

0.36-m  $f/6.3$  Schmidt-Cassegrain + CCD

UCAC-2

[11, 4, 0\*, 2008/08/29–2008/08/30]

#### 185 Vicques

M. Ory, 30 Rue Beridier, CH-2800 Delemont, Switzerland [pivate@bluewin.ch]

0.61-m  $f/3.88$  reflector + CCD

UCAC-2, USNO-B1.0

[377, 99, 6\*, 2008/08/10–2008/08/29]

#### 198 Wildberg

R. Apitzsch, Schwarzwaldstrasse 17-2, D-72218 Wildberg, Germany

[astrowild@astro-wildberg.de]

0.35-m  $f/4.2$  reflector + CCD

USNO-B1.0

[303, 32, 8\*, 2008/08/23–2008/09/10]

#### 204 Schiaparelli Observatory

F. Bellini, via A. del Sarto 3, I-21100 Varese, Italy [astrogeo@astrogeo.va.it]

Observer L. Buzzi

0.60-m  $f/4.64$  reflector + CCD, 0.36-m Schmidt-Cassegrain + CCD

NOMAD

[67, 26, 0\*, 2008/08/21–2008/08/30]

#### 209 Asiago Observatory, Cima Ekar-ADAS

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the

University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy

[barbieri@pd.astro.it]

Observers C. Barbieri, G. Pignata, S. Magrin, I. Bertini

Measurers G. Pignata, S. Magrin, G. Hahn, M. Hoffmann, S. Mottola

0.67-m  $f/1.4$  Schmidt + CCD

GSC-1.1, USNO-SA2.0

[6, 2, 0\*, 2001/03/22–2002/01/18]

#### 213 Observatorio Montcabre

R. Naves N., c/o J. Balmes, no. 24 Cabrils, E-08348 Barcelona, Spain

[rnaves@eresmas.com]

Observer R. Naves

Measurer M. Campas

0.30-m  $f/5$  Schmidt-Cassegrain + CCD

USNO-A2.0

[9, 3, 0\*, 2008/09/05–2008/09/07]

#### 232 Masquefa Observatory

E. Reina L., Pl. Virgen de Montserrat, 1 Etlo. 2 B, E-08901 Hospitalet, Spain

[estrei@terra.es]

0.25-m  $f/3.3$  Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[9, 3, 0\*, 2008/08/29–2008/09/06]

#### 235 CAST Observatory, Talmassons

R. Ligustri, Circolo Astrofili Talmassons Observatory, Talmassons (UD), Italy

[rolando.ligustri@tin.it]

Observers R. Ligustri, M. Benvenuti

0.35-m  $f/5$  reflector + CCD

UCAC-2, USNO-B1.0

[2, 1, 0\*, 2008/09/02]

#### 240 Herrenberg

H. Michels, Enstr. 10, D-71083 Herrenberg, Germany [Helmut@sternwarte-

herrenberg.de]

0.40-m  $f/5$  reflector + CCD

UCAC-2

[15, 3, 0\*, 2008/08/31]

#### 244 Geocentric Occultation Observations

D. Herald, P.O. Box 254, Woden, ACT 2606, Australia

[DRHerald@bigpond.net.au]

Observers F. Abbeel, M. Audejean, M. Bozbei, J. Broughton, I. Bruhanov,

S. Degenhardt, D. Dunham, A. Glinistyi, D. Kananovich, S. Kerr, M. Kotov,

T. Lebedeva, V. Mechinskij, K. Morozov, H. Pavlov, A. Pobiya, A. Pobiya,

V. Povalishev, S. Quirk, T. South, A. Tkachenko, V. Zhuk

Measurers D. Herald, E. Frappa, T. Hayamizu, J. Talbot, B. Timerson

[9, 9, 0\*, 1997/09/19–2008/07/30]

#### 246 Kleť Observatory-KLENOT

J. Tichá, Hvězdárna Kleť, Zátokovo nábreží 4, CZ-37001 České Budějovice, South

Bohemia, Czech Republic [klet@klet.cz]

Observers J. Tichá, M. Tichý

1.06-m KLENOT Telescope + CCD  
USNO-B1.0

[1540, 161, 10\*, 2004/04/18–2008/09/10]

### 260 Siding Spring-DSS

R. Matson, 8 Merano Ct., Newport Coast, CA 92657, U.S.A. [matsonr@saic.com]  
(15)

Measurer R. Matson  
1.2-m Schmidt  
USNO-A2.0, USNO-B1.0

[13, 6, 0\*, 1976/09/16–1993/09/07]

### 261 Palomar-DSS

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada  
[andrew.lowe@encana.com] (4)

R. Matson, 8 Merano Ct., Newport Coast, CA 92657, U.S.A. [matsonr@saic.com]  
(15)

Measurers R. Matson, A. Lowe  
1.2-m Schmidt  
USNO-A2.0, USNO-B1.0

{15} [9, 3, 0\*, 1950/08/14–1991/10/13]

{4} [2, 1, 0\*, 1994/03/09]

### 291 LPL/Spacewatch II

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,  
U.S.A. [bob@lpl.arizona.edu]

Observers T. H. Bressi, J. V. Scotti  
1.8-m  $f/2.7$  reflector + CCD  
USNO-B1.0

[2560, 681, 79\*, 2001/03/22–2008/09/08]

### 300 Bisei Spaceguard Center–BATTeRS

S. Nakano, Japan Spaceguard Association, 60-7 2F, Sasazuka 1 Chome, Shibuya-  
Ku, 151-0073 Tokyo, Japan [batters@spaceguard.or.jp]

Observers S. Okumura, S. Urakawa, K. Nishiyama  
1.0-m  $f/3.0$  reflector + CCD  
GSC-ACT, UCAC-2, USNO-B1.0

[39, 5, 4\*, 2008/08/24–2008/09/10]

### 327 Peking Observatory, Xinglong Station

J. Zhu, National Astronomical Observatories, Chinese Academy of Sciences, 20A  
Datun Road, Chaoyang District, Beijing 100012, Peoples Republic of China  
[zj@bac.pku.edu.cn]

Observers J. Zhu, X. Zhou, S. J. Xue, J. Ma, H. Wu, X. M. Teng, C. H. Liu,  
S. L. Kong

Measurers X. M. Teng, S. L. Kong, C. H. Liu, J. Zhu  
0.60-m Schmidt + CCD

[21, 7, 0\*, 1996/10/10–1998/10/19]

### 333 Desert Eagle Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada  
[microplanet333@yahoo.com]

0.45-m  $f/3$  Schmidt-Cassegrain + CCD  
USNO-A2.0, GSC-ACT

[8, 3, 0\*, 2003/02/07–2008/04/06]

### 355 Hadano

A. Asami, 28-1 Nishitawara, Hadano, Kanagawa-Ken 257, Japan  
[asami@st.rim.or.jp]

0.28-m  $f/5.0$  reflector + CCD  
GSC-ACT, USNO-A2.0

[3, 1, 0\*, 2008/09/02]

### 372 Geisei

T. Seki, Kamimachi 2-9-35, Kochi-shi, Kochi-ken 780, Japan  
[T-seki@ma7.seikyoku.ne.jp]

Observers T. Seki, K. Muraoka, S. Shimomoto  
0.70-m  $f/7$  reflector + CCD  
USNO-SA2.0, GSC-ACT

[22, 1, 1\*, 2008/08/24–2008/09/07]

### 379 Hamamatsu-Yuto

S. Wakuda, Ufumi 9425-20, Yuto-cho, Hamana-gun, Shizuoka-ken 431-0102, Japan  
[caa54120@pop06.odn.ne.jp]

0.25-m  $f/5.0$  Schmidt-Cassegrain + CCD  
UCAC-2, GSC-ACT

[26, 3, 0\*, 2008/09/09–2008/09/11]

### 381 Kiso

Y. Ohba, Graduate School of Science, University of Tokyo, Araku 866-152, Iruma,  
Saitama-ken 358-0031, Japan [ohba@planeta.sci.isas.ac.jp]

Observers M. Abe, M. Ishiguro, Y. Takagi, Y. Ohba  
Measurer Y. Ohba

1.05-m Kiso Schmidt + CCD  
GSC

[17, 1, 0\*, 1995/01/20]

### 413 Siding Spring

R. H. McNaught, Research School of Astronomy and Astrophysics,  
Siding Spring Observatory, Coonabarabran, NSW 2357, Australia  
[rmn@aaocbn.aao.gov.au] (1)

1.0-m  $f/8$  reflector + CCD, 1.2-m Schmidt

[6, 2, 0\*, 1986/09/25–2003/07/22]

### 428 Reedy Creek

J. Broughton, 18 Branch Crescent, Reedy Creek, QLD 4228, Australia  
[reedycrk@bigpond.com]

0.51-m  $f/2.7$  reflector + CCD  
UCAC-2

[288, 119, 3\*, 2008/07/03–2008/09/06]

### 448 Desert Moon Observatory

B. L. Stevens, 5675 Real del Norte, Las Cruces, NM 88012, U.S.A.  
[blslcnm@comcast.net]

0.3-m Schmidt-Cassegrain + CCD  
UCAC-2

[34, 12, 0\*, 2008/08/22–2008/09/06]

### 458 Guadarrama Observatory

D. Rodríguez, San Pablo No. 5, E-28409 Villalba-Madrid, Spain [drodriguez@jet.es]  
0.25-m  $f/10$  Schmidt-Cassegrain + CCD

USNO-A2.0

[2, 1, 0\*, 2008/08/25]

#### 461 University of Szeged, Piskésető Stn. (Konkoly)

K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu]

0.60-m Schmidt + CCD

USNO-B1.0

[619, 113, 23\*, 2001/01/01–2008/09/12]

#### 473 Remanzacco

G. Sostero, via S.Stefano 31, I-33047 Remanzacco (UD), Italy

[sostero@elettra.trieste.it]

Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero, P. Camilleri

0.45-m  $f/4.4$  Newtonian reflector + CCD

UCAC-2, USNO-B1.0

[17, 8, 0\*, 2008/08/25–2008/09/10]

#### 474 Mount John Observatory, Lake Tekapo

A. C. Gilmore, Mt. John University Observatory, P.O. Box 56, NZ-8770 Lake Tekapo, New Zealand [a.gilmore@phys.canterbury.ac.nz]

Observer A. C. Gilmore

Measurer P. M. Kilmartin

1.0-m  $f/7.7$  reflector + CCD

USNO-B1.0

[72, 10, 1\*, 2008/08/28–2008/09/06]

#### 510 Siegen

M. Kretlow, University of Siegen Observatory, D-57068 Siegen, Germany

[kretlow@hrz.uni-siegen.d400.de]

Observers M. Jung, H. Bill

0.30-m  $f/5$  reflector + CCD

USNO-B1.0

[3, 1, 0\*, 2008/08/31]

#### 557 Ondřejov

P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov, Czech Republic [ppravec@asu.cas.cz]

Observers P. Kušnirák, K. Hornoch, M. Lehký

0.65-m  $f/3.6$  reflector + CCD

UCAC-2

[163, 20, 0\*, 1997/10/31–2008/09/12]

#### 560 Madonna di Dossobuono

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy

[astrofil@astbo1.bo.cnr.it]

0.4-m  $f/5$  reflector + CCD

USNO-A2.0

[12, 4, 0\*, 2008/08/28]

#### 561 Piskésető Stn. (Konkoly)

J. Kelemen, Konkoly Observatory, P.O. Box 67, H-1525 Budapest, Hungary

[kelemen@ogyalla.konkoly.hu]

Observers K. Sárneczky, L. Kiss

0.60-m Schmidt + CCD

USNO-A1.0

[12, 4, 0\*, 1999/01/22–2001/08/27]

#### 566 Haleakala-NEAT/GEODSS

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A. [Raymond.J.Bamberg@jpl.nasa.gov]

Observers E. F. Helin, S. H. Pravdo, K. J. Lawrence, D. L. Rabinowitz, C. Clark, R. Bamberg, S. Levin, J. Lorre, S. Shaklan, R. Byrd, C. Cotton, D. Bascon, S. Pravdo, S. Groom, A. Esquibel

Measurers A. Lowe, K. Sárneczky

1.0-m  $f/2.2$  GEODSS telescope + CCD

USNO-B1.0

[19, 6, 0\*, 1996/02/15–1999/02/18]

#### 568 Mauna Kea

D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [tholen@hale.ifa.hawaii.edu] (2)

C. Veillet, Canada-France-Hawaii Telescope Corporation, P.O. Box 1597, Kamuela, HI 96743, U.S.A. [veillet@cfht.hawaii.edu] (3)

P. A. Wiegert, Physics and Astronomy Department, University of Western Ontario, London N6A 3K7, Canada [pwiegert@uwo.ca] (19)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [boattini@ias.rm.cnr.it] (20)

Observers M. Micheli, F. Bernardi, G. T. Elliott, D. J. Tholen

Measurers D. J. Tholen, G. T. Elliott, P. A. Wiegert, A. Papadimos

2.24-m University of Hawaii reflector, 3.6-m Canada-France-Hawaii Telescope + MegaCam

USNO-B1.0

{19} [3336, 905, 287\*, 2003/12/16–2006/10/27]

{20} [37, 9, 0\*, 2005/09/30–2005/12/03]

{2} [38, 17, 0\*, 2008/08/13]

{3} [4, 2, 0\*, 1997/05/09–1997/11/06]

#### 585 Kiev comet station

A. Baransky, Astronomical Observatory of Kyiv University, Observatorna 3, Kyiv, Ukraine [bar06@znannya.org.ua]

0.7-m  $f/4$  reflector + CCD

USNO-B1.0, UCAC-2, USNO-A2.0

[87, 12, 0\*, 2008/08/12–2008/09/09]

#### 595 Farra d'Isonzo

L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy [ccaf@ccaf.it]

Observers L. Bittesini, G. Lombardi, E. Pettarin, F. Piani, D. Caporicci, A. Boattini, V. S. Casulli, G. Sostero, A. Vagnozzi, G. Lombar

0.40-m  $f/4.5$  reflector + CCD, 0.30-m  $f/4.5$  reflector + CCD

USNO-A2.0

[46, 14, 3\*, 2008/08/19–2008/09/09]

#### 599 Campo Imperatore–CINEOS

A. Carusi, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [cineos@ias.rm.cnr.it]

Observers A. Boattini, N. Napoleone, L. M. Laudì, R. Leoni, A. Di Paola, A. Giunta, V. Casula, D. Perna

0.60-m  $f/3$  Schmidt + CCD  
USNO-A2.0

[57, 17, 0\*, 2002/09/07–2005/08/10]

#### 608 Haleakala-NEAT/MSSS

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.  
[Raymond.J.Bamberg@jpl.nasa.gov]

Observers R. Bamberg, E. F. Helin, S. H. Pravdo, M. Hicks, K. J. Lawrence,  
P. Kervin, D. MacDonald, J. Africano, R. Maeda

Measurers R. Matson, R. J. Bouma, A. Lowe

1.2-m reflector + CCD  
USNO-A2.0, USNO-B1.0

[223, 68, 3\*, 1996/04/16–2006/09/17]

#### 620 Observatorio Astronómico de Mallorca

S. Sanchez, Observatori Astronomic de Mallorca, Camí de l'observatori s/n,  
E-07144 Costitx, Balears, Spain [astroam@bitel.es]

Observers S. Sanchez, S. Cikota, R. Stoss, J. Nomen, J. Rodriguez, A. Cikota  
0.30-m  $f/9$  Schmidt-Cassegrain + CCD

UCAC-2

[114, 35, 0\*, 2005/09/01–2008/09/01]

#### 621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [0220455671-  
0001@t-online.de]

0.60-m  $f/5.2$  reflector + CCD

UCAC-2

[620, 112, 23\*, 2003/04/23–2008/09/14]

#### 639 Dresden

S. Gebhard, Duckwitzstrasse 27d, D-01129 Dresden, Germany [Gebhard@t-  
online.de]

0.35-m  $f/7.3$  reflector + CCD  
USNO-B1.0, USNO-A2.0, UCAC-2

[11, 2, 0\*, 2008/08/27]

#### 644 Palomar Mountain/NEAT

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.  
[Raymond.J.Bamberg@jpl.nasa.gov]

Observers E. F. Helin, S. H. Pravdo, K. J. Lawrence, M. Hicks, R. Thicksten,  
K. Kuluhiwa, R. Bamberg, E. Hovland, T. Bickler, J. Schroeder, L. Scherr,  
A. Deetz, C. Clark, S. Levin, J. Lorre, S. Shaklan, R. Byrd, A. Esquibel,  
C. Cotton, D. Bascon, D. L. Rabinowitz, S. Groom, P. Kervin, R. Maeda,  
J. Africano

Measurers A. Lowe, R. Matson, R. J. Bouma, M. Meyer, K. Sárneczky, J. Lacruz

1.2-m Oschin Schmidt + CCD  
UCAC-2, USNO-A2.0, USNO-B1.0, USNO-SA2.0

[2825, 545, 107\*, 2001/05/02–2007/03/31]

#### 645 Apache Point–Sloan Digital Sky Survey

Z. Ivezic, Department of Astrophysical Sciences, Peyton Hall, Princeton University,  
Princeton, NJ 08544, U.S.A. [ivezic@astro.princeton.edu]

Observers Sloan Digital Sky Survey Collaboration

Measurers Z. Ivezic, M. Jurić, R. Lupton, S. Tabachnik, T. Quinn

2.5-m SDSS Telescope + SDSS camera

UCAC-1

[796, 308, 4\*, 1998/09/19–2004/06/14]

#### 662 Lick

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,  
U.S.A. [buie@lowell.edu]

F. Marchis, Dept. of Astronomy, University of California, 601 Campbell Hall,  
Berkeley, CA 94720, U.S.A. [fmarchis@berkeley.edu]

Observers E. Chiang, A. B. Jordan, M. W. Buie

Measurer M. W. Buie

3-m telescope + CCD

USNO-A2.0, global solutions

[2, 1, 0\*, 2002/03/15]

#### 669 Ojai

M. Hammergren, Adler Planetarium, 1300 S. Lake Shore Drive, Chicago, IL 60605,  
U.S.A. [mhammergren@adlernet.org]

Observers J. Goetz, S. Balasubramanian, I. Neagu, D. Liu, A. Shrikumar, S. Wyss,  
A. Bapat, B. Cheng, G. Dodd, Y. Liu, D. Dement, A. Sahn, G. Tabak,  
D. Steinberg, K. Bhattaram, S. Saleh, M. Gandelman, C. Hotchkiss, Z. Zhao,  
A. Saigal, M. Macia, B. Lei, P. Miller, K. Pasricha, R. Thorngren, A. Khan,  
C. Chang, A. Kouriatov, A. Tracer, H. Zhang, J. Liu, C. Wu, K. Meduna,  
M. Altyeva, I. Paek, Z. Xie

0.36-m  $f/10$  Schmidt-Cassegrain + CCD

USNO-B1.0

[13, 5, 0\*, 2008/07/12–2008/07/29]

#### 673 Table Mountain Observatory, Wrightwood

W. M. Owen, Jr., Jet Propulsion Laboratory 301-150, 4800 Oak Grove Drive,  
Pasadena, CA 91109-8099, U.S.A. [wmo@wansor.jpl.nasa.gov] (1)

J. Young, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109,  
U.S.A. [w7ftt@netscape.net] (5)

Observers K. L. Brandt, M. Tu, J. Young, D. Mayes

Measurers K. L. Brandt, M. Tu, W. M. Owen, Jr., J. Young, D. Mayes

0.61-m  $f/16$  reflector + CCD

UCAC-2, USNO-B1.0

{1} [279, 52, 0\*, 2008/08/19–2008/08/21]

{5} [197, 34, 4\*, 2008/08/26–2008/09/15]

#### 675 Palomar Mountain

M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech,  
Pasadena, CA 91125, U.S.A. [mbrown@caltech.edu] (29)

Observers M. E. Schwamb, M. E. Brown, D. Rabinowitz

1.2-m Oschin Schmidt + CCD

USNO-A2.0

[19, 2, 2\*, 2008/07/07–2008/08/07]

#### 682 Kanab

E. Sheridan, 7205 Sunflower Lane, Kanab, UT 84741, U.S.A.

[mened@expressweb.com]

0.36-m  $f/5.5$  Schmidt-Cassegrain + CCD

UCAC-2

[6, 3, 0\*, 2008/08/29–2008/09/07]

**683 Goodricke-Pigott Observatory, Tucson**

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.  
[gpobs@mindspring.com]

0.35-m  $f/5$  reflector + CCD

UCAC-2

[3562, 591, 6\*, 2003/10/19–2008/09/06]

**688 Lowell Observatory, Anderson Mesa Station**

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,  
U.S.A. [buie@lowell.edu] (1)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,  
AZ 86001, U.S.A. [lhw@lowell.edu] (5)

1.8-m Perkins telescope + CCD

USNO-B1.0

{1} [3, 1, 0\*, 1998/04/20]

{5} [18, 9, 0\*, 2007/11/11–2008/08/29]

**691 Steward Observatory, Kitt Peak**

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,  
U.S.A. [bob@lpl.arizona.edu]

Observers R. S. McMillan, T. H. Bressi, J. V. Scotti, J. L. Montani

0.9-m  $f/3$  reflector + CCD

USNO-B1.0

[61882, 12956, 1719\*, 1991/09/09–2008/09/10]

**695 Kitt Peak**

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,  
U.S.A. [buie@lowell.edu] (1)

D. Wittman, Bell Laboratories, 600 Mountain Ave., Murray Hill, NJ 07974, U.S.A.  
[wittman@physics.bell-labs.com] (3)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,  
AZ 86001, U.S.A. [lhw@lowell.edu] (23)

2.3-m Steward reflector + CCD

USNO-A2.0

{23} [27, 12, 0\*, 2004/10/12–2007/02/21]

{1} [103, 49, 2\*, 2000/02/06–2006/05/01]

{3} [21, 4, 0\*, 2001/11/17–2003/10/29]

**696 Whipple Observatory, Mt. Hopkins**

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ  
85721, U.S.A. [chergen@pir1.lpl.arizona.edu] (1)

1.2-m reflector + CCD

USNO-B1.0

[3, 1, 0\*, 1998/05/02]

**699 Lowell Observatory-LONEOS**

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001,  
U.S.A. [elgb@lowell.edu]

Observers B. W. Koehn, B. A. Skiff, M. E. Van Ness

Measurers B. W. Koehn, W. Kelly, B. A. Skiff, M. E. Van Ness, R. A. Cash

0.59-m LONEOS Schmidt + CCD

USNO-B1.0, USNO-A2.0, GSC-ACT

[54465, 13425, 29\*, 1998/08/30–2008/02/27]

**701 Junk Bond Observatory, Sierra Vista**

D. Healy, Junk Bond Observatory, 6929 Madera Drive, Sierra Vista, AZ 85635,  
U.S.A. [healydave@cis-broadband.com]

0.81-m  $f/4.4$  Ritchey-Chrétien + CCD

UCAC-2

[302, 59, 5\*, 2001/02/16–2008/09/09]

**703 Catalina Sky Survey**

S. M. Larson, Space Sciences Building, University of Arizona, Tucson, AZ 85721,  
U.S.A. [slarson@lpl.arizona.edu]

Observers E. Beshore, R. E. Hill

Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill,  
R. A. Kowalski, S. M. Larson

0.68-m Schmidt + CCD

UCAC-2

[49092, 11534, 136\*, 1999/09/05–2008/09/09]

**704 Lincoln Laboratory ETS, New Mexico**

G. Stokes, MIT Lincoln Laboratory, 244 Wood Street, Lexington, MA 02420,  
U.S.A. [stokes@ll.mit.edu]

Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, J. Kistler

Measurers J. Stuart, S. Scruggs

1.0-m  $f/2.15$  reflector + CCD

USNO-A2.0

[118147, 20289, 186\*, 2004/05/13–2008/09/07]

**711 McDonald Observatory**

J. G. Ries, McDonald Observatory, University of Texas, Austin, TX 78712, U.S.A.  
[moon@astro.as.utexas.edu]

0.76-m reflector + CCD + prime-focus corrector

USNO-A2.0

[32, 11, 0\*, 2008/09/04–2008/09/08]

**718 Wiggins Observatory, Tooele**

P. Wiggins, University of Utah Hansen Planetarium, 15 South State Street, Salt  
Lake City, UT 84111-1590, U.S.A. [paw@wirelessbeehive.com]

0.35-m Schmidt-Cassegrain + CCD

UCAC-2

[7, 1, 1\*, 2008/09/08–2008/09/12]

**734 Farpoint Observatory**

G. Hug, RTE 1 Box 35c, Eskridge, KS 66423, U.S.A. [fast@nekaal.org]

0.3-m  $f/6$  Schmidt-Cassegrain + CCD

UCAC-2

[8, 2, 0\*, 2001/09/13–2002/01/11]

**735 George Observatory, Needville**

W. G. Dillon, 4703 Birkenhead Circle, Missouri City, TX 77459, U.S.A.  
[bdillon@houston.geoquest.slb.com]

Observers J. Dellinger, P. G. A. Garossino, C. Sexton

0.46-m  $f/4.5$  Newtonian reflector + CCD

UCAC-2

[228, 44, 6\*, 2004/06/15–2008/09/10]

**807 Cerro Tololo**

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [buie@lowell.edu] (1)

D. Wittman, Bell Labs Room 1D-456, 700 Mountain Avenue, Murray Hill, NJ 07974, U.S.A. [dwittman@physics.bell-labs.com] (3)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (15)

M. E. Schwamb, Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, CA 91125, U.S.A. [mschwamb@gps.caltech.edu] (24)

Observers P. Longa-Pena, J. Vasquez, F. Pozo

Measurers M. E. Schwamb, O. Vaduvescu, V. Kaznovsky, A. Dumitriu

0.9-m  $f/13.5$  reflector + CCD

USNO-B1.0

{15} [27, 12, 2\*, 2005/08/08–2007/04/22]

{24} [4, 2, 0\*, 2008/08/22–2008/08/23]

{1} [116, 57, 0\*, 2000/07/29–2005/05/11]

{3} [13, 2, 0\*, 2002/01/14–2003/04/02]

**809 European Southern Observatory, La Silla**

E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium [elst@atmos.oma.be] (4)

C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden [classe@astro.uu.se] (8)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [boattini@ias.rm.cnr.it] (9)

P. De Pascale, no details supplied [padepa@alice.it] (33)

1.0-m Schmidt, 2.2-m  $f/8$  reflector + CCD, 1.5-m reflector + CCD

USNO-A2.0, GSC, USNO-SA2.0

{4} [9, 3, 0\*, 1993/09/23–1993/10/10]

{8} [10, 8, 0\*, 1992/02/29–1995/09/19]

{9} [17, 5, 0\*, 2003/01/23–2005/02/18]

{33} [8, 1, 1\*, 2000/04/27–2000/04/29]

**844 Los Molinos**

G. Tancredi, Departamento Astronomia, Facultad Ciencias, Igua 4225, UY-11400 Montevideo, Uruguay [gonzalo@fisica.edu.uy]

Observers F. Abella, S. Bruzzone, R. Salvo, S. Roland, G. Tancredi

0.35-m  $f/5.0$  Newtonian reflector + CCD

USNO-A2.0

[15, 4, 0\*, 2008/08/31–2008/09/08]

**850 Cordell-Lorenz Observatory, Sewanee**

D. T. Durig, SPO 1242, Sewanee, TN 37383, U.S.A. [ddurig@sewanee.edu]

0.30-m  $f/2.5$  Schmidt-Cassegrain + CCD

UCAC-2

[13, 5, 0\*, 2008/09/08]

**854 Sabino Canyon Observatory, Tucson**

J. E. McGaha, 5100 Sabino Foothills, Tucson, AZ 85750, U.S.A.

[mcgaha@skepticus.com]

0.36-m  $f/10.0$  Schmidt-Cassegrain + CCD

USNO-A2.0

[19, 6, 0\*, 2008/09/06]

**900 Moriyama**

Y. Ikari, 13-9 Katube 2 Chome, Moriyama, Shiga-Ken, 524-0041 Japan

[ikari@gold.ocn.ne.jp]

0.26-m  $f/7.0$  reflector + CCD

USNO-B1.0, UCAC-2

[8, 4, 0\*, 2008/08/21–2008/09/11]

**910 Caussols-ODAS**

A. Maury, Observatoire de la Côte d'Azur, B.P. 229, F-06304 Nice, France

[maury@obs-azur.fr]

G. Hahn, DLR Institute of Planetary Exploration, Rudower Chaussee 5, D-12489

Berlin, Germany [Gerhard.Hahn@DLR.de]

Observers A. Maury, D. Albanese, G. Hahn, M. Hoffmann

Measurers A. Maury, G. Hahn

0.90-m Schmidt + CCD

GSC

[24, 8, 0\*, 1997/09/06–1999/03/21]

**926 Tenagra II Observatory**

M. Schwartz, Tenagra Observatories, HC 2 Box 292, Nogales, AZ 85621, U.S.A.

[mbs@tenagraobservatories.com]

Observers P. R. Holvorcem, M. Schwartz, G. Masi, F. Mallia, M. Ory

0.81-m  $f/7$  Ritchey-Chrétien + CCD

USNO-A2.0, UCAC-2

[21, 6, 0\*, 2002/12/13–2006/09/19]

**932 John J. McCarthy Obs., New Milford**

M. Robson, P.O. Box 1144, New Milford, CT 06776, U.S.A.

[mail@mccarthyobservatory.org]

Observers C. Page, S. Riley, C. Pratt, D. Vill, B. West, M. Robson

0.4-m  $f/6.5$  Schmidt-Cassegrain + CCD

UCAC-2, USNO-B2.0

[27, 6, 0\*, 2008/08/07–2008/08/23]

**941 Observatorio Pla D'Arguines**

R. Ferrando, Guardia Civil N. 22, ESC-5 PTA.-34, E-46020 Valencia, Spain

[rferrand@ya.com]

Observers R. Ferrando, M. Ferrando

0.40-m  $f/10$  Ritchey-Chrétien + CCD

UCAC-2

[446, 60, 27\*, 2007/10/14–2008/09/14]

**947 Saint-Sulpice**

B. Christophe, 63 rue Belliard, F-75018 Paris, France [bchristo@club-internet.fr]

0.60-m  $f/5.6$  reflector + CCD

UCAC-2

[9, 3, 1\*, 2008/08/29]

**950 La Palma**

A. Fitzsimmons, Physics Department, Queen's University, Belfast BT7 1NN, Northern Ireland [a.fitzsimmons@qub.ac.uk] (3)

2.5-m Isaac Newton Telescope + CCD  
USNO-A2.0

[12, 3, 0\*, 1998/11/22–2002/06/21]

#### A12 Stazione Astronomica di Sozzago

F. Manzini, Stazione Astronomica di Sozzago, I-28060 Sozzago, Italy  
[manzini.ff@aruba.it]

Observers F. Manzini, R. Behrend

0.4-m  $f/6.6$  reflector + CCD

UCAC-2

[9, 1, 0\*, 2008/09/01]

#### A13 Observatoire Naef, Marly

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland [kocher@bluewin.ch]

0.5-m  $f/3.3$  Hypergraph + CCD

UCAC-2

[442, 147, 11\*, 2008/08/18–2008/09/11]

#### A17 Guidestar Observatory, Weinheim

M. Emmerich, Brunhildstrasse 31, D-69469 Weinheim, Germany

[mark@guidestar.de]

Observers M. Emmerich, S. Melchert

0.36-m  $f/6$  Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[45, 9, 2\*, 2008/08/29–2008/09/10]

#### A30 Crespadoro

S. Valentini, Via Scagi 06, Crespadoro (VI), Italy [stefanom42@libero.it]

Observers S. Valentini, G. Peretto

Measurer S. Valentini

0.23-m  $f/10$  Schmidt-Cassegrain + CCD +  $f/6.3$  focal reducer

USNO-A2.0, UCAC-2

[11, 3, 0\*, 2008/08/18]

#### A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany

[joachim.lorenz.hormersdorf@t-online.de]

0.30-m  $f/6.0$  reflector + CCD

UCAC-2

[40, 14, 0\*, 2008/08/24–2008/08/31]

#### A44 Altschwendt

W. Ries, Privatobservatory Altschwendt, Altenseng 6, A-4721 Altschwendt, Austria

[diriesw@aon.at]

0.45-m  $f/3.6$  reflector + CCD

USNO-B1.0

[301, 56, 19\*, 2006/12/26–2008/09/10]

#### A50 Andrushivka Astronomical Observatory

Yu. Ivashchenko, 3-7 Observatorna Sreet, Andrushivka, Zhytomyr reg, Ukraine

[yurets@gluk.org]

Observers D. Kyrylenko, Y. Ivashchenko, P. Ostafijchuk

0.6-m reflector + CCD

USNO-A2.0

[3540, 926, 20\*, 2008/04/25–2008/09/07]

#### A55 Osservatorio Astronomico Vallemare di Borbona

V. S. Casulli, via Monte Rosa 1, I-00012 Colleverde di Guidonia (RM), Italy

[v.casulli@libero.it]

0.40-m  $f/4.5$  Newtonian reflector + CCD

USNO-A2.0

[144, 22, 7\*, 2008/08/19–2008/09/01]

#### A56 Parma

A. Carbognani, via Gioberti 8, Parma, Italy [albino.carbognani@libero.it]

0.30-m  $f/4.0$  reflector + CCD

USNO-SA2.0

[7, 2, 0\*, 2008/08/20]

#### A71 Stixendorf

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria

[vollmann@gmx.at]

Observer M. Jäger

Measurer W. Vollmann

0.20-m  $f/2.8$  reflector + CCD

UCAC-2, USNO-B1.0

[35, 12, 0\*, 2008/08/30–2008/09/09]

#### A72 Radebeul Observatory

M. Fiedler, Astroclub Radebeul e.V., Auf den Ebenbergen 10a, D-01445 Radebeul, Germany [ccd@astroclub-radebeul.de]

0.35-m  $f/4.5$  reflector + CCD

USNO-B1.0

[5, 1, 0\*, 2008/08/31]

#### A74 Bergen-Enkheim Observatory

U. Suessenberger, Hohe Strasse 14, D-60388 Frankfurt, Germany

[u.suessenberger@t-online.de]

0.36-m  $f/4.6$  Schmidt-Cassegrain + CCD

USNO-B1.0

[30, 9, 0\*, 2008/08/27–2008/09/10]

#### A77 Observatoire Chante-Perdrix, Dauban

F. Kugel, Chante Perdrix, Dauban, F-04150 Banon, France [fkugel@wanadoo.fr]

Observers C. Rinner, F. Kugel

0.5-m  $f/3$  reflector + CCD

USNO-SA2.0, USNO-A2.0

[3557, 717, 87\*, 2008/03/15–2008/09/13]

#### A81 Balzaretto Observatory, Rome

L. Franco, via G. Balzaretto 80, I-00163 Roma, Italy [lor.franco@libero.it]

0.20-m  $f/5.3$  reflector + CCD

UCAC-2

[19, 6, 0\*, 2008/08/19–2008/09/08]

#### A86 Albigneux

C. Cavadore, 7 av. Gay Lussac, F-78990 Elancourt, France

[cyril.cavadore@laposte.net]

0.25-m  $f/3.5$  reflector + CCD

USNO-A2.0

[30, 9, 0\*, 2008/08/28–2008/08/29]

**A87 Rimbach**

M. Koenig, Hainbuchenweg 8, D-64668 Rimbach, Germany [m.koenig@schmid-koenig.de]

0.35-m  $f/9$  Hypergraph + CCD  
USNO-B1.0

[3, 1, 0\*, 2007/09/20]

**A88 Bolzaneto**

S. Martini, via B. Castiglione 7, Bolzaneto (GE), Italy [mar\_stefano@yahoo.it]

0.20-m  $f/10$  Schmidt-Cassegrain + CCD

UCAC-2

[12, 3, 0\*, 2008/08/21–2008/08/27]

**A95 Taurus Hill Observatory, Varkaus**

M. Nissinen, Warkauden Kassiopeia ry, Karhilaantaipaleentie 144 C, SF-79480 Kangaslampi, Finland [markku.nissinen@wkassiopeia.net]

Observers V. P. Hentunen, M. Nissinen  
0.3-m  $f/10$  Schmidt-Cassegrain + CCD  
GSC 1.1

[11, 5, 0\*, 2007/10/10–2008/03/24]

**A97 Stammersdorf**

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria [vollmann@gmx.at]

0.13-m  $f/4$  refractor + CCD  
USNO-B1.0, UCAC-2

[11, 2, 0\*, 2008/08/30–2008/08/31]

**A98 Taurus-1 Observatory, Baran'**

S. E. Shurpakov, 1 Korban Street, f.22, BY-211011 Baran', Belarus [shurpakov.A98@tut.by]

0.19-m  $f/5.2$  reflector + CCD  
UCAC-2, USNO-A2.0

[817, 8, 0\*, 2008/08/16–2008/09/07]

**A99 Osservatorio del Monte Baldo**

F. Castellani, Osservatorio del Monte Baldo, Malcesine, Italy [flaviocastellani@libero.it]

Observer C. Flavio  
Measurer M. Claudio  
0.4-m reflector + CCD  
USNO-A2.0, USNO-B1.0

[1, 1, 0\*, 2008/08/25]

**B01 Taunus Observatory, Frankfurt**

E. Schwab, Westendstrasse 8, D-63329 Egelsbach, Germany [e.schwab@gsi.de]

Observers R. Kling, E. Schwab, S. Karge, U. Zimmer  
0.6-m  $f/3.3$  Cassegrain + CCD

UCAC-2, USNO-A2.0

[414, 65, 11\*, 2008/08/25–2008/09/12]

**B03 Alter Satzberg, Vienna**

M. Pietschnig, KLG Alter Satzberg 88, A-1140 Wien, Austria [pietschnig@utanet.at]

0.35-m  $f/5.8$  Schmidt-Cassegrain + CCD  
NOMAD

[165, 31, 2\*, 2008/08/18–2008/09/09]

**B09 Capannoli**

P. Bacci, Via Niccolini 27, Capannoli (PI), Italy [backman@backman.homelinux.org]

Observers P. Bacci, R. Bacci  
0.25-m  $f/10$  Schmidt-Cassegrain + CCD +  $f/6.3$  focal reducer  
UCAC-2, USNO-B1.0, USNO-A2.0

[18, 6, 0\*, 2008/08/19–2008/09/08]

**B11 Osservatorio Cima Rest, Magasa**

F. Lucidi, Via Fratelli Bandiera 14, I-40026 Imola (BO), Italy [fabrizioluc@yahoo.it]

Observer M. Tonincelli  
0.5-m  $f/5$  Newtonian reflector + CCD  
UCAC-2

[2, 1, 0\*, 2008/08/30]

**B18 Terskol**

S. Barabanov, Institute of Astronomy of RAS, 48 Pyatnitskaya, Moscow 109017, Russia [inasan@burbonz.nalnet.ru]

Observers M. Andreev, M. Khramtsova  
Measurer M. Andreev  
0.6-m  $f/12.8$  reflector + CCD  
UCAC-2, USNO-B1.0

[48, 11, 0\*, 2008/08/24–2008/09/06]

**B20 Observatorio Carmelita, Tiana**

J. M. Aymami, Av. Lluís Companys, 45-47, E-08391 Tiana, Spain [pepineus@terra.es]

0.25-m  $f/4.3$  Schmidt-Cassegrain + CCD  
USNO-A2.0

[6, 2, 0\*, 2008/08/30–2008/09/02]

**B22 Observatorio d'Ager, Barcelona**

R. Costa, Paseo Santa Coloma 41, Barcelona E-08030, Spain [ramonc@hotmai.com]

0.28-m  $f/5.5$  Schmidt-Cassegrain + CCD  
UCAC-2

[3, 1, 0\*, 2008/09/07–2008/09/08]

**B23 Fiamene**

R. Biondani, 1 via Papa Luciani, Fiamene, Italy [robertobiondani@aliceposta.it]

0.50-m  $f/8$  reflector + CCD  
USNO-A2.0

[15, 5, 0\*, 2008/08/25–2008/08/28]

**B26 Observatoire des Terres Blanches, Reillanne**

H. Jacquinet, 2 Les Terres Blanches, F-04110 Reillanne, France [herve.jacquinet@wanadoo.fr]

0.35-m reflector + CCD  
USNO-B1.0

[50, 12, 2\*, 2008/08/24–2008/09/02]

**B33 Libbiano Observatory, Peccioli**

P. Bacci, Centro Astronomico Libbiano, Loc. Libbiano Via della Chiesa 32, I-56037 Peccioli (PI), Italy [asteroidi@backman.homelinux.org]

Observers P. Bacci, R. Enzo, R. Emilio

0.5-m  $f/10$  Ritchey-Chrétien + CCD

UCAC-2

[7, 4, 0\*, 2008/08/31]

**B36 Redshed Observatory, Kallham**

H. Bachleitner, Weireth 18, A-4720 Kallham, Austria [hannes.bachleitner@aon.at]

0.32-m  $f/5$  reflector + CCD

USNO-B1.0

[27, 9, 0\*, 2008/08/30–2008/09/09]

**B37 Obs. de L' Ametlla del Valles, Barcelona**

A. Garrigós S., L' Ametlla del Vallés, E-08480 Barcelona, Spain [ags2es@yahoo.es]

0.51-m  $f/4$  Newtonian reflector + CCD

USNO-A2.0

[131, 19, 0\*, 2008/08/29–2008/09/08]

**B38 Santa Mama**

S. Trevisan, Castagnoli 127/I, Subbiano, Italy [stelucy3@interfree.it]

0.30-m  $f/10$  Schmidt-Cassegrain + CCD +  $f/6.3$  focal reducer

NOMAD

[28, 3, 0\*, 2008/08/18]

**B40 Skylive Observatory, Catania**

F. Tozzi, Via Milo, 28, Catania, Italy [skylive@skylive.it]

Observers F. Tozzi, P. Camilleri, G. Sostero, E. Guido, V. Gonano

0.30-m  $f/10$  Schmidt-Cassegrain + CCD, 0.41-m  $f/10$  Schmidt-Cassegrain +

CCD +  $f/5.6$  focal reducer

UCAC-2, USNO-B1.0

[29, 4, 0\*, 2008/08/17–2008/09/04]

**B42 Vitebsk**

V. Nevski, Chkalov street, 19/3-24, BY-210027 Vitebsk, Belarus [nevski@tut.by]

0.3-m  $f/5.0$  reflector + CCD

USNO-A2.0, UCAC-2

[24, 2, 0\*, 2008/08/19–2008/09/01]

**B44 Eygalayes**

P. Sogorb, 5 rue Favière, F-77176 Savigny-le-Temple, France [p.sogorb@club-internet.fr]

0.43-m  $f/2.7$  reflector + CCD

USNO-A2.0

[9, 3, 0\*, 2008/08/04–2008/08/07]

**B49 Paus Observatory, Sabadell**

J. Camarasa, CC/ de les Paus no. 96 bajos, E-08202 Sabadell (BCN), Spain [jordi.camarasa@ya.com]

0.25-m  $f/4$  Newtonian reflector + CCD

USNO-A2.0

[15, 5, 0\*, 2008/08/18–2008/09/13]

**B50 Corner Observatory, Durmersheim**

J. Linder, Im Eck 1/19, D-76448 Durmersheim, Germany [juergen@cometmillenium.de]

0.20-m  $f/4.5$  Schmidt-Cassegrain + CCD

USNO-B1.0, UCAC-2

[22, 1, 0\*, 2008/08/31]

**B55 Comeglians**

E. Guido, Piazza Ten.Col.G. Miani, nr.2, I-33047 Remanzacco (UD), Italy [walcom77@gmail.com]

Observers G. Sostero, E. Guido

0.15-m  $f/6$  reflector + CCD

USNO-A2.0

[4, 1, 0\*, 2008/08/19]

**B58 Polaris Observatory, Budapest**

K. Sárneczky, POB 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu]

0.28-m  $f/6.3$  Schmidt-Cassegrain + CCD

USNO-B1.0

[10, 3, 0\*, 2008/09/04]

**B59 Borken**

C. Overhaus, Beckenstrang 91, D-46325 Borken, Germany [astrovi@t-online.de]

0.1-m  $f/9$  refractor + CCD

USNO-B1.0

[1, 1, 0\*, 2008/09/04]

**B61 Valldoreix Obs., Sant Cugat del Valles**

E. Garcia, Pg Mas Roig 57, E-08197 Sant Cugat del Valles, Spain [egarcia1@xtec.cat]

0.25-m  $f/4.8$  Schmidt-Cassegrain + CCD

USNO-B1.0

[3, 1, 0\*, 2008/09/13]

**B67 Sternwarte Mirasteilas, Falera**

J. De Queiroz, Sternwarte Mirasteilas, CH-7153 Falera, Graubünden, Switzerland [encarna@kns.ch]

Observers J. De Queiroz, M. Dubs

0.90-m  $f/6.7$  reflector + CCD, 0.2-m  $f/3.8$  astrograph + CCD +  $f/2.9$  focal reducer

USNO-A2.0, UCAC-2

[32, 11, 0\*, 2008/08/30–2008/09/11]

**B70 Sant Celoni**

L. Montoro, C/ Sant Joan no. 7, Sant Celoni, E-08470 Spain [luis.hidra@gmail.com]

0.20-m  $f/4.5$  Schmidt-Cassegrain + CCD

USNO-A2.0

[23, 5, 0\*, 2008/07/22–2008/08/22]

**D25 Tzec Maun Observatory, Pingelly**

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudercroft, NM 88317, U.S.A. [ron@tzecmaun.org]

Observers D. Mendicini, R. Apitzsch

0.15-m  $f/7.3$  refractor + CCD  
 USNO-A2.0, USNO-B1.0  
*[3, 1, 0\*, 2008/09/09]*

#### **D29 Purple Mountain Observatory, XuYi Station**

H. B. Zhao, 2# West Beijing Road, Nanjing 210008, China [meteorzh@pmo.ac.cn]  
 Observers H. B. Zhao, J. S. Yao, H. Lu, Y. Z. Wu, R. Q. Hong, L. F. Hu  
 Measurers H. B. Zhao, Y. Xia  
 1.04-m Schmidt + CCD  
*[31, 8, 0\*, 2007/05/16–2008/03/03]*

#### **D35 Lulin Observatory**

H. C. Lin, 300 JungDa Rd, Chung-li City, Tao-yuan Country, Taiwan  
 [hclin@lulin.ncu.edu.tw]  
 Observers Q.-z. Ye, H.-Y. Hsiao  
 1.02-m  $f/8.0$  Cassegrain reflector + CCD +  $f/4$  focal reducer, 0.41-m Ritchey-  
 Chrétien + CCD  
 USNO-B1.0, USNO-A2.0  
*[136, 35, 10\*, 2006/10/21–2008/08/30]*

#### **D44 Ishigakijima Astronomical Observatory**

D. Kuroda, Ishigakijima Astronomical Observatory, NAOJ, 1024-1 Arakawa,  
 Ishigaki, Okinawa-ken, 907-0024, Japan  
 Observers M. Isogai, A. Ohama, H. Fukushima  
 1.05-m  $f/6.5$  reflector + CCD  
 GSC-ACT  
*[47, 4, 4\*, 2008/08/05–2008/08/28]*

#### **D90 RAS Observatory, Moorook**

U. Wolff, Ziemensstraße 25 a, D-14542 Glindow, Germany [vermessung.Wolff@t-online.de] (1)  
 Observer P. Camilleri  
 0.25-m  $f/6$  Cassegrain + CCD  
 USNO-B1.0  
*[1, 1, 0\*, 2008/08/17]*

#### **E08 Wobblesock Observatory, Coonabarabran**

J. Nott, PO Box 232, Coonabarabran, NSW 2357, Australia  
 [wobblesock@activ8.net.au]  
 0.3-m  $f/5$  Newtonian reflector + CCD  
 UCAC-2  
*[18, 4, 0\*, 2008/08/20–2008/08/23]*

#### **E09 Oakley Southern Sky Observatory, Coonabarabran**

R. Ditteon, 5500 Wabash Ave, Terre Haute, IN 47803, U.S.A.  
 [richard.p.ditteon@rose-hulman.edu]  
 0.50-m  $f/8.0$  reflector + CCD  
 GSC  
*[5, 1, 0\*, 2008/09/08–2008/09/09]*

#### **E12 Siding Spring Survey**

R. H. McNaught, Siding Spring Observatory, Coonabarabran, NSW 2357, Australia  
 [rmn@mso.anu.edu.au]  
 Observers R. H. McNaught, G. J. Garradd  
 0.5-m Uppsala Schmidt + CCD  
 UCAC-2

*[35088, 7896, 43\*, 2004/03/19–2008/09/12]*

#### **E16 Grove Creek Observatory, Trunkey**

A. Mattingly, 2 Silex Road, Mosman, NSW 2088, Australia  
 [andrew@mattingly.com]  
 Observers G. Sostero, E. Guido, P. Camilleri, F. Tozzi  
 0.35-m  $f/10$  Schmidt-Cassegrain + CCD +  $f/6.7$  focal reducer, 0.30-m  $f/5.8$   
 reflector + CCD, 0.35-m  $f/6.7$  reflector + CCD  
 UCAC-2, USNO-A2.0, USNO-B1.0  
*[42, 11, 3\*, 2008/08/25–2008/09/09]*

#### **E17 Leura**

J. Oey, 94 Rawson Pde., Leura, NSW 2780, Australia  
 [julianoey1@optusnet.com.au]  
 0.35-m  $f/6.5$  Schmidt-Cassegrain + CCD  
 UCAC-2  
*[3, 1, 0\*, 2008/09/09]*

#### **F84 Hibiscus Observatory, Punaauia**

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia  
 [ateamo@mail.pf]  
 Observers N. Teamo, S. F. Hönig  
 Measurers N. Teamo, J. C. Pelle, S. F. Hönig  
 0.35-m  $f/2.0$  Schmidt + CCD  
 UCAC-2, USNO-B1.0  
*[661, 199, 44\*, 2008/08/02–2008/09/12]*

#### **F85 Tiki Observatory, Punaauia**

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia  
 [ateamo@mail.pf]  
 Observer N. Teamo  
 Measurers N. Teamo, J. C. Pelle  
 0.41-m  $f/8.0$  Ritchey-Chrétien + CCD  
 UCAC-2  
*[266, 101, 6\*, 2008/08/02–2008/09/05]*

#### **G58 Chabot Space and Science Center, Oakland**

G. McKeegan, Chabot Space and Science Center, 10000 Skyline Blvd., Oakland,  
 CA 94619, U.S.A. [geraldspace@earthlink.net]  
 0.9-m  $f/8$  Cassegrain + CCD +  $f/6.3$  focal reducer  
 USNO-B1.0  
*[11, 5, 0\*, 2008/08/25–2008/09/02]*

#### **G89 Kachina Observatory, Flagstaff**

J. Hobart, 975 Mesa Trail, Flagstaff, AZ 86001-9632, U.S.A.  
 [nova@uneedspeed.net]  
 0.36-m  $f/11.2$  Schmidt-Cassegrain + CCD  
 UCAC-2  
*[66, 10, 4\*, 2008/08/23–2008/09/08]*

#### **G92 Jarnac Observatory, Vail**

D. H. Levy, 2500 E. Wetstones Rd., Vail, AZ 85641, U.S.A. [david@jarnac.org]  
 Observers D. H. Levy, W. Levy, T. Glinos  
 0.64-m  $f/7.2$  Ritchey-Chrétien + CCD  
 USNO-A2.0  
*[9, 3, 0\*, 2005/07/07–2008/03/07]*

**G96 Mt. Lemmon Survey**

E. Beshore, 1629 E. University Blvd., Tucson, AZ 85721-0092, U.S.A.  
[ebeshore@lpl.arizona.edu]

Observers R. A. Kowalski, S. M. Larson

Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill,  
R. A. Kowalski, S. M. Larson

1.5-m reflector + CCD

UCAC-2

[48828, 9927, 168\*, 2004/10/15–2008/09/09]

**G98 Calvin-Rehoboth Observatory, Rehoboth**

L. A. Molnar, Dept. of Physics & Astronomy, Calvin College, 1734 Knollcrest  
Circle SE, Grand Rapids, MI 49546, U.S.A. [lmolnar@calvin.edu]

0.4-m  $f/8$  Ritchey-Chrétien + CCD +  $f/5.2$  focal reducer

USNO-A2.0

[145, 23, 2\*, 2008/08/22–2008/09/07]

**H01 Magdalena Ridge Observatory, Socorro**

W. H. Ryan, Magdalena Ridge Observatory, New Mexico Tech, Socorro, NM  
87801, U.S.A. [bryan@nmt.edu]

2.4-m  $f/8.9$  reflector + CCD

NOMAD

[53, 10, 1\*, 2008/06/10–2008/09/07]

**H06 RAS Observatory, Mayhill**

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada  
[andrew.lowe@encana.com] (6)

E. Guido, via Paride del Pozzo 12, I-80053 Castellammare di Stabia, Italy  
[walcom77@gmail.com] (14)

R. Ligustri, Circulo Astrofilo Talmassons Observatory, Talmassons (UD), Italy  
[rolando.ligustri@tin.it] (19)

N. Falla, 34 Orchard Road, Chessington, Surrey KT9 1AN, England

[n.falla@btopenworld.com] (20)

P. Camilleri, Unit 2, 53 Forest Road, Hurstville, Sydney, NSW 2220, Australia  
[paully71@bigpond.com] (25)

Observers A. Lowe, P. Camilleri, E. Guido, G. Sostero, N. Falla, M. Nicholson,  
R. Ligustri

0.25-m  $f/3.4$  reflector + CCD, 0.30-m  $f/9.1$  Cassegrain + CCD, 0.10-m  $f/5$   
reflector + CCD

UCAC-2, USNO-B1.0

{14} [15, 5, 0\*, 2008/08/23–2008/09/06]

{19} [2, 1, 0\*, 2008/09/06]

{20} [3, 1, 0\*, 2008/08/26]

{6} [27, 5, 0\*, 2005/01/31–2008/09/04]

{25} [9, 4, 0\*, 2008/08/23–2008/08/26]

**H07 7300 Observatory, Cloudcroft**

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada  
[microplanet333@yahoo.com]

0.45-m  $f/3$  Schmidt-Cassegrain + CCD

USNO-A2.0

[12, 2, 0\*, 2006/12/12–2007/03/27]

**H36 Sandlot Observatory, Scranton**

G. Hug, 964 W. 149th St., Scranton, KS 66537, U.S.A. [fast@nekaal.org]  
0.56-m reflector + CCD

UCAC-2

[232, 36, 10\*, 2008/08/13–2008/09/15]

**H45 Petit Jean Mountain South**

P. C. Sherrod, 794 Drake Drive, Conway, AR 72034, U.S.A. [drclay@tcworks.net]  
0.51-m  $f/4.3$  astrograph + CCD

UCAC-2

[269, 30, 0\*, 2008/08/26–2008/09/07]

**H47 Vicksburg**

C. Bell, 107 Judson Circle, Vicksburg, MS 39180, U.S.A.

[charbell@bellsouth.net]

0.3-m  $f/5.9$  Schmidt-Cassegrain + CCD

USNO-B1.0

[72, 15, 0\*, 2008/08/27–2008/09/11]

**H53 Thompsonville**

D. A. Birmingham, 5663 Green Meadow Rd., Thompsonville, IL 62890, U.S.A.  
[dave@arksky.org]

0.31-m  $f/3$  Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[254, 14, 0\*, 2008/08/19–2008/09/03]

**H55 Astronomical Research Observatory, Charleston**

R. Holmes, 7616 NCR 1800E, Charleston, IL 61920, U.S.A. [ari@mchsi.com]  
Observer R. Holmes

Measurers H. Devore, R. Holmes, D. Carter, L. Buzzi, J. Revels, P. Esswein,  
H. Sharafi, S. Mattson, C. White, E. Jones, T. Norris, J. Lucas, M. Burgess,  
N. Belden, A. Herring

0.81-m  $f/4.0$  astrograph + CCD, 0.61-m  $f/4.0$  astrograph + CCD

USNO-B1.0, NOMAD

[1272, 227, 9\*, 2007/01/10–2008/09/11]

**H59 Prairie Grass Observatory, Camp Cullom**

J. Mahony, 304 S. 6th #3W, Lafayette, IN 47901, U.S.A. [jmmahony@hotmail.com]  
0.41-m Schmidt-Cassegrain + CCD

USNO-B1.0

[225, 47, 5\*, 2008/08/26–2008/09/08]

**H67 Stonegate Observatory, Ann Arbor**

G. A. Vander Haagen, 825 Stonegate Road, Ann Arbor, MI 48103, U.S.A.  
[garyvh2@att.net]

0.35-m  $f/6.3$  Schmidt-Cassegrain + CCD

GSC-ACT, USNO-SA2.0

[87, 5, 0\*, 2008/08/20–2008/09/11]

**H82 CBA-NOVAC Observatory, Front Royal**

D. Skillman, 6-G Ridge Road, Greenbelt, MD 20770, U.S.A.  
[dskillman@comcast.net]

0.66-m  $f/2.7$  reflector + CCD

UCAC-2

[5, 1, 0\*, 2008/09/01–2008/09/05]

**H83 Timberlake Observatory, Oakton**

N. Cronin, 11223 Timberlake Ct., Oakton, VA 22124, U.S.A.  
[ne.cronin@verizon.net]

0.36-m  $f/4.2$  Schmidt-Cassegrain + CCD  
USNO-B1.0

[3, 1, 0\*, 2008/09/02]

**H85 Silver Spring**

K. Levin, 10712 Meadowhill Road, Silver Spring, MD 20901, U.S.A.  
[klevin57@gmail.com]

Observer K. Levin  
Measurer J. C. Pelle  
0.45-m  $f/7.25$  Ritchey-Chrétien + CCD  
UCAC-2

[10, 4, 0\*, 2008/08/21]

**H98 Dark Rosanne Obs., Middlefield**

R. Krajewski, 38 Lake Shore Dr., Middlefield, CT 06455, U.S.A.  
[rickra@highstream.net]

0.20-m  $f/4$  Schmidt-Newtonian + CCD  
UCAC-2

[2, 1, 0\*, 2008/09/08]

**I03 European Southern Obs., La Silla-ASTROVIRTEL**

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the  
University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy  
[barbieri@pd.astro.it] (1)

2.2-m reflector + CCD  
USNO-A2.0

[22, 6, 0\*, 2000/05/06–2001/10/17]

**I21 El Condor Observatory, Córdoba**

W. Robledo, Elias Alippi 2705, AR-5001 Córdoba, Argentina  
[rubenrobledo@yahoo.com.ar]

Observer W. Robledo  
Measurer C. Montivero  
0.20-m  $f/4.2$  Schmidt-Cassegrain + CCD  
UCAC-2

[5, 1, 0\*, 2008/08/20–2008/08/24]

**I31 Observatorio Astronomico del Colegio Cristo Rey**

V. A. Buso, Obs. Cristo Rey, Entre Rios 2974, AR-2000 Rosario, Argentina  
[victorbuso@infovia.com.ar]

Observers V. Buso, G. Mazalan  
Measurer E. Diez  
0.28-m  $f/10$  Schmidt-Cassegrain + CCD +  $f/3.5$  focal reducer  
USNO-A2.0

[4, 1, 0\*, 2008/08/26]

**I77 CEAMIG-REA Observatory, Belo Horizonte**

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil  
[cjacques1f@yahoo.com.br]

Observers C. Jacques, E. Pimentel  
0.30-m  $f/3.0$  reflector + CCD  
UCAC-2

[52, 13, 0\*, 2008/08/24–2008/09/14]

**J20 Aravaca**

K. Wierzbos, no details supplied [kacperek@hotmail.com]  
0.20-m Schmidt-Cassegrain + CCD  
USNO-B1.0

[10, 3, 0\*, 2008/09/07–2008/09/14]

**J21 El Boalo**

A. de la Hermosa, Calle Cañada no. 5, E-28413 El Boalo, Madrid, Spain  
[ANGELHL@telefonica.net]

0.35-m Schmidt-Cassegrain + CCD  
UCAC-2

[22, 4, 1\*, 2008/08/12–2008/09/08]

**J22 Tacande Observatory, La Palma**

J. Genebriera, 34 Juana Morales, E-38750 El Paso, La Palma, Canary Islands,  
Spain [PLEIADES@telefonica.net]

Observers J. Genebriera, R. Miles, J. L. Martinez, M. Villanueva, H. Raab,  
J. Faillace

0.40-m  $f/6.5$  reflector + CCD  
USNO-B1.0

[8, 2, 0\*, 2008/09/03–2008/09/05]

**J27 El Guijo Observatory**

A. San Segundo, 21 Onice Street, Galapagar, E-28360 Madrid, Spain  
[assdelgado@yahoo.es]

0.20-m  $f/10$  Schmidt-Cassegrain + CCD  
USNO-A2.0, UCAC-2

[38, 8, 0\*, 2008/08/20–2008/09/13]

**J40 Malaga**

J. M. Ruiz M., C/ Virgen Bien Aparecida No. 3, E-29007 Malaga, Spain [obs-  
malaga@orange.es]

0.20-m  $f/5$  Newtonian reflector + CCD  
USNO-A2.0

[10, 3, 0\*, 2008/09/09–2008/09/15]

**J41 Raheny**

D. Grennan, 57 Lein Gardens, Raheny, Dublin 5, Ireland [dave@webtreatz.com]  
0.25-m  $f/4.0$  reflector + CCD

USNO-B1.0

[16, 6, 0\*, 2008/09/02–2008/09/04]

**J47 Observatorio Nazaret**

G. Muler, Los Mirlos 7, Nazaret, E-35530 Lanzarote, Spain  
[gustavomuler@hotmail.com]

0.20-m Schmidt-Cassegrain + CCD  
USNO-A2.0

[31, 10, 0\*, 2008/08/31–2008/09/14]

**J50 Nordic NEON**

K. Muinonen, P.O. Box 14, University of Helsinki, SF-00014 Helsinki, Finland  
[karri.muinonen@helsinki.fi]

Observers J. Virtanen, J. Torppa, J. Näränen, R. Karjalainen  
Measurers J. Virtanen, J. Näränen  
2.5-m  $f/11$  Nordic Optical Telescope + CCD  
USNO-A2.0

[2, 1, 0\*, 2005/06/02]

### J51 Observatorio Atlante, Tenerife

J. A. Henríquez, Juan Alvarez Delgado 11, 5, 2, E-38007 S. C. de Tenerife, Spain  
[jahensan@gmail.com]

Observers J. A. Henríquez, G. Muler

0.2-m  $f/9$  Cassegrain + CCD

USNO-A2.0, UCAC-2, USNO-B1.0

[89, 27, 0\*, 2008/08/19–2008/09/14]

### J52 Observatorio Pinsoro

O. Canales, Av. Madrid, 204, E-50017 Zaragoza, Spain [ocanales@able.es]

0.25-m  $f/3.2$  reflector + CCD

UCAC-2, USNO-A2.0

[2, 2, 0\*, 2008/08/24]

### J53 Posadas

R. Benavides, Gaitan 20, 1o. C, E-14730 Posadas-Córdoba, Spain

[Rafaelbenpal@hotmail.com]

0.28-m  $f/5.0$  Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[42, 13, 0\*, 2008/08/23–2008/09/02]

### J59 Observatorio Lincoo, Santander

J. Temprano, Santa Lucia 48, E-39003 Santander, Spain [tempranj@unican.es]

0.25-m  $f/3.3$  Schmidt-Cassegrain + CCD

UCAC-2

[3, 1, 0\*, 2008/08/20]

### J65 Celbridge

D. McDonald, 38 The Walk, Oldtown Mill, Celbridge, Co. Kildare, Ireland

[dmcdona@eircom.net]

0.36-m  $f/11$  Schmidt-Cassegrain + CCD

USNO-B1.0

[12, 6, 0\*, 2008/08/21–2008/09/11]

### J69 North Observatory, Clanfield

D. Briggs, 124 Redbridge Grove, Havant, Portsmouth PO9 3DF, England

[dbriggs@kepler.demon.co.uk]

0.40-m  $f/4.57$  Newtonian reflector + CCD

NOMAD

[3, 1, 0\*, 2008/08/30]

### J70 Obs. Astronómico Vega del Thader , El Palmar

J. P. Navarro P., Observatorio Astronomico Vega del Thader, El Palmar, Murcia, Spain [jpab@ono.com]

0.25-m Schmidt-Cassegrain + CCD

USNO-B1.0, UCAC-2

[3, 1, 0\*, 2008/09/02]

### J75 OAM Observatory, La Sagra

S. Sanchez, Observatori Astronomic de Mallorca, Camí de l'observatori s/n, E-07144 Costitx, Balears, Spain [astroam@bital.es]

Observers S. Sanchez, J. Nomen, R. Stoss, J. Rodriguez, A. Cikota, S. Cikota, W. K. Y. Yeung

0.45-m  $f/2.8$  reflector + CCD

UCAC-2

[35851, 6515, 403\*, 2006/10/29–2008/09/14]

### J76 La Murta

S. Antonio, Apartado de correos 249, E-30500 Molina (Murcia), Spain

[astromurcia@wanadoo.es]

Observers S. Pastor, J. A. Reyes

0.40-m  $f/6.3$  Schmidt-Cassegrain + CCD

USNO-A2.0

[39, 7, 2\*, 2008/08/27–2008/08/31]

### J87 La Cañada

J. Lacruz, Ramon Gomez de la Serna 83 7F, E-28035 Madrid, Spain

[juan@lacanada.es]

0.40-m Ritchey-Chrétien + CCD

UCAC-2

[49, 8, 6\*, 2007/12/16–2008/09/14]

### J93 Mount Tuffley Observatory, Gloucester

J. Fletcher, 54 Windsor Drive, Tuffley, Gloucester GL4 0QT, England

[jfmto@blueyonder.co.uk]

0.25-m  $f/5.5$  Schmidt-Cassegrain + CCD

USNO-A2.0

[24, 4, 0\*, 2008/08/22–2008/09/11]

### J95 Great Shefford

P. Birtwhistle, Phlox Cottage, Wantage Road, Great Shefford, Berkshire

RG17 7DA, England [peter@birtwhi.demon.co.uk]

0.40-m  $f/6.0$  Schmidt-Cassegrain + CCD

USNO-B1.0, UCAC-2

[92, 28, 2\*, 2008/08/19–2008/09/14]

### J99 Burjassot

À. López G., Valencia Astronomical Observatory, Dr. Moliner 50, E-46100

Burjassot, Valencia, Spain [Alvaro.Lopez@uv.es]

0.18-m  $f/9$  reflector + CCD

USNO-SA2.0

[81, 40, 0\*, 2005/01/25–2005/12/22]

## ORBITAL ELEMENTS

Orbital elements have been computed and identifications found by the following contributors:

A. Doppler, 11 St. David's Court, 31-33 Castle Ave., Dublin 3, Ireland

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MPCADO (entirely automated processing on MPC computer ADONIS)  
MPCALB (entirely automated processing on MPC computer ALBERT)

**P/2007 R1 (Larson)**

Epoch 2007 Aug. 8.0 TT = JDT 2454320.5

| <i>T</i> | 2007 Aug. 23.0335 TT |                   | MPC        |            |
|----------|----------------------|-------------------|------------|------------|
| <i>q</i> | 4.351913             | (2000.0)          | <b>P</b>   | <b>Q</b>   |
| <i>n</i> | 0.0666774            | $\omega$ 175.0531 | +0.9983367 | +0.0575143 |
| <i>a</i> | 6.023058             | $\Omega$ 181.6654 | −0.0564726 | +0.9616708 |
| <i>e</i> | 0.277458             | <i>i</i> 7.8776   | −0.0116021 | +0.2681069 |
| <i>P</i> | 14.8                 |                   |            |            |

From 188 observations 2007 Sept. 4–2008 Sept. 14, mean residual 0<sup>''</sup>.7.

**C/2007 VO<sub>53</sub> (Spacewatch)**

Epoch 2010 May 4.0 TT = JDT 2455320.5

| <i>T</i> | 2010 Apr. 26.4648 TT |                  | MPC        |            |
|----------|----------------------|------------------|------------|------------|
| <i>q</i> | 4.842650             | (2000.0)         | <b>P</b>   | <b>Q</b>   |
| <i>z</i> | +0.000030            | $\omega$ 75.0280 | +0.0863841 | −0.4985821 |
|          | ±0.000007            | $\Omega$ 59.7368 | −0.1555607 | −0.8618949 |
| <i>e</i> | 0.999853             | <i>i</i> 86.9899 | +0.9840420 | −0.0924833 |

From 76 observations 2007 Oct. 20–2008 Aug. 22, mean residual 0<sup>''</sup>.5.

**C/2008 A1 (McNaught)**

Epoch 2008 Sept. 11.0 TT = JDT 2454720.5

| <i>T</i> | 2008 Sept. 29.1310 TT |                   | MPC        |            |
|----------|-----------------------|-------------------|------------|------------|
| <i>q</i> | 1.073026              | (2000.0)          | <b>P</b>   | <b>Q</b>   |
| <i>z</i> | −0.000245             | $\omega$ 348.4830 | +0.1087617 | +0.1532516 |
|          | ±0.000003             | $\Omega$ 277.8841 | −0.8150202 | −0.5519379 |
| <i>e</i> | 1.000263              | <i>i</i> 82.5491  | −0.5691335 | +0.8196819 |

From 347 observations 2008 Jan. 10–Sept. 12, mean residual 0<sup>''</sup>.6.

**C/2008 N1 (Holmes)**

Epoch 2009 Sept. 6.0 TT = JDT 2455080.5

| <i>T</i> | 2009 Sept. 25.9150 TT |                   | MPC        |            |
|----------|-----------------------|-------------------|------------|------------|
| <i>q</i> | 2.783494              | (2000.0)          | <b>P</b>   | <b>Q</b>   |
| <i>z</i> | +0.001064             | $\omega$ 100.8193 | −0.2061967 | −0.9777003 |
|          | ±0.000033             | $\Omega$ 357.4715 | −0.7328475 | +0.1812616 |
| <i>e</i> | 0.997038              | <i>i</i> 115.5189 | +0.6483960 | −0.1060485 |

From 279 observations 2008 July 1–Sept. 12, mean residual 0<sup>''</sup>.4.

**P/2008 O2 (McNaught)**

Epoch 2009 May 9.0 TT = JDT 2454960.5

| <i>T</i> | 2009 Apr. 21.7069 TT |                   | MPC        |            |
|----------|----------------------|-------------------|------------|------------|
| <i>q</i> | 3.802284             | (2000.0)          | <b>P</b>   | <b>Q</b>   |
| <i>n</i> | 0.1034429            | $\omega$ 27.4998  | +0.9897398 | +0.1087015 |
| <i>a</i> | 4.494370             | $\Omega$ 325.8651 | −0.1411841 | +0.8437684 |
| <i>e</i> | 0.153990             | <i>i</i> 9.5120   | +0.0219574 | +0.5255843 |
| <i>P</i> | 9.53                 |                   |            |            |

From 270 observations 2008 July 28–Sept. 9, mean residual 0<sup>''</sup>.5.

**P/2008 O3 (Boattini)**

Epoch 2008 June 23.0 TT = JDT 2454640.5

| <i>T</i> | 2008 June 3.2192 TT |                   | MPC        |            |
|----------|---------------------|-------------------|------------|------------|
| <i>q</i> | 2.498194            | (2000.0)          | <b>P</b>   | <b>Q</b>   |
| <i>n</i> | 0.0418349           | $\omega$ 341.0306 | +0.8408377 | −0.3709880 |
| <i>a</i> | 8.218209            | $\Omega$ 47.5786  | +0.5394384 | +0.5141920 |
| <i>e</i> | 0.696017            | <i>i</i> 32.2721  | +0.0446998 | +0.7732881 |
| <i>P</i> | 23.6                |                   |            |            |

From 44 observations 2008 July 29–Sept. 13, mean residual 0<sup>''</sup>.5.

**C/2008 P1 (Garradd)**

*T* 2009 July 22.674 TT

| <i>q</i> | 3.89782 | (2000.0)         | <b>P</b>  | <b>Q</b>  |
|----------|---------|------------------|-----------|-----------|
|          |         | $\omega$ 11.779  | +0.981709 | −0.186927 |
|          |         | $\Omega$ 357.700 | −0.027940 | +0.046347 |
| <i>e</i> | 1.0     | <i>i</i> 64.269  | +0.188328 | +0.981280 |

From 51 observations 2008 Aug. 13–Sept. 10.

**C/2008 Q1 (Matičič)**

*T* 2008 Dec. 29.453 TT

| <i>q</i> | 2.96276 | (2000.0)         | <b>P</b>  | <b>Q</b>  |
|----------|---------|------------------|-----------|-----------|
|          |         | $\omega$ 104.326 | −0.168782 | −0.975298 |
|          |         | $\Omega$ 9.343   | −0.795442 | +0.049405 |
| <i>e</i> | 1.0     | <i>i</i> 118.631 | +0.582052 | −0.215296 |

From 333 observations 2008 Aug. 18–Sept. 14.

**P/2008 Q2 (Ory)**

*T* 2008 Oct. 19.003 TT

| <i>q</i> | 1.38242  | (2000.0)         | <b>P</b>  | <b>Q</b>  |
|----------|----------|------------------|-----------|-----------|
| <i>n</i> | 0.168691 | $\omega$ 329.580 | +0.862937 | −0.503568 |
| <i>a</i> | 3.24396  | $\Omega$ 60.714  | +0.472758 | +0.775260 |
| <i>e</i> | 0.57385  | <i>i</i> 2.756   | +0.178434 | +0.381303 |
| <i>P</i> | 5.84     |                  |           |           |

From 132 observations 2008 Aug. 27–Sept. 14.

**C/2008 Q3 (Garradd)**

*T* 2009 June 23.486 TT

| <i>q</i> | 1.81303 | (2000.0)         | <b>P</b>  | <b>Q</b>  |
|----------|---------|------------------|-----------|-----------|
|          |         | $\omega$ 340.428 | −0.559328 | −0.723462 |
|          |         | $\Omega$ 219.703 | −0.650791 | +0.080871 |
| <i>e</i> | 1.0     | <i>i</i> 140.694 | −0.513443 | +0.685611 |

From 25 observations 2008 Aug. 27–Sept. 11.

**C/2008 R1 (Garradd)**

*T* 2008 Nov. 8.969 TT

| <i>q</i> | 1.70548 | (2000.0)         | <b>P</b>  | <b>Q</b>  |
|----------|---------|------------------|-----------|-----------|
|          |         | $\omega$ 336.687 | +0.987706 | −0.046070 |
|          |         | $\Omega$ 27.273  | +0.132312 | +0.755286 |
| <i>e</i> | 1.0     | <i>i</i> 19.027  | −0.083255 | +0.653774 |

From 14 observations 2008 Sept. 2–4.

**C/2008 R3 (LINEAR)**

|                                       |                     |          |           |           |
|---------------------------------------|---------------------|----------|-----------|-----------|
| <i>T</i>                              | 2008 Nov. 25.869 TT |          | MPC       |           |
| <i>q</i>                              | 1.87827             | (2000.0) | <b>P</b>  | <b>Q</b>  |
|                                       | $\omega$            | 88.220   | +0.735912 | +0.041417 |
|                                       | $\Omega$            | 268.938  | −0.309759 | +0.908142 |
| <i>e</i>                              | 1.0                 | <i>i</i> | 42.526    | +0.602066 |
| From 89 observations 2008 Sept. 7–15. |                     |          |           |           |

**201P/LONEOS**

|                                                      |                     |          |            |            |
|------------------------------------------------------|---------------------|----------|------------|------------|
| Epoch 2008 Aug. 2.0 TT = JDT 2454680.5               |                     |          |            |            |
| <i>T</i>                                             | 2008 Aug. 4.7586 TT |          | MPC        |            |
| <i>q</i>                                             | 1.345021            | (2000.0) | <b>P</b>   | <b>Q</b>   |
| <i>n</i>                                             | 0.1529312           | $\omega$ | 24.9626    | +0.4978329 |
| <i>a</i>                                             | 3.463155            | $\Omega$ | 35.3018    | −0.8643822 |
| <i>e</i>                                             | 0.611620            | <i>i</i> | 7.0325     | +0.7737408 |
| <i>P</i>                                             | 6.44                |          | +0.3917748 | +0.4058109 |
| From 150 observations 2001–2008, mean residual 0″.8. |                     |          |            |            |

**202P/Scotti**

|                                                      |                     |          |            |            |
|------------------------------------------------------|---------------------|----------|------------|------------|
| Epoch 2009 Feb. 18.0 TT = JDT 2454880.5              |                     |          |            |            |
| <i>T</i>                                             | 2009 Feb. 7.0158 TT |          | MPC        |            |
| <i>q</i>                                             | 2.526963            | (2000.0) | <b>P</b>   | <b>Q</b>   |
| <i>n</i>                                             | 0.1343077           | $\omega$ | 255.5601   | −0.0022723 |
| <i>a</i>                                             | 3.776320            | $\Omega$ | 194.5802   | −0.9999514 |
| <i>e</i>                                             | 0.330840            | <i>i</i> | 2.1848     | +0.9315398 |
| <i>P</i>                                             | 7.34                |          | +0.3636322 | +0.0013731 |
| From 136 observations 2001–2008, mean residual 0″.7. |                     |          |            |            |

**203P/Korlević**

|                                                      |                     |          |            |            |
|------------------------------------------------------|---------------------|----------|------------|------------|
| Epoch 2010 Feb. 13.0 TT = JDT 2455240.5              |                     |          |            |            |
| <i>T</i>                                             | 2010 Feb. 8.1984 TT |          | MPC        |            |
| <i>q</i>                                             | 3.182125            | (2000.0) | <b>P</b>   | <b>Q</b>   |
| <i>n</i>                                             | 0.0984108           | $\omega$ | 154.5443   | +0.0847119 |
| <i>a</i>                                             | 4.646302            | $\Omega$ | 290.5650   | −0.9952192 |
| <i>e</i>                                             | 0.315128            | <i>i</i> | 2.9758     | +0.9050791 |
| <i>P</i>                                             | 10.0                |          | +0.4167203 | +0.0972576 |
| From 207 observations 1999–2008, mean residual 0″.7. |                     |          |            |            |

**204P/LINEAR-NEAT**

|                                                      |                     |          |            |            |
|------------------------------------------------------|---------------------|----------|------------|------------|
| Epoch 2008 Nov. 30.0 TT = JDT 2454800.5              |                     |          |            |            |
| <i>T</i>                                             | 2008 Dec. 9.2712 TT |          | MPC        |            |
| <i>q</i>                                             | 1.940235            | (2000.0) | <b>P</b>   | <b>Q</b>   |
| <i>n</i>                                             | 0.1404905           | $\omega$ | 355.0388   | −0.2449199 |
| <i>a</i>                                             | 3.664697            | $\Omega$ | 109.1065   | −0.9634759 |
| <i>e</i>                                             | 0.470561            | <i>i</i> | 6.5812     | +0.8934347 |
| <i>P</i>                                             | 7.02                |          | +0.3765483 | −0.2676630 |
| From 387 observations 2001–2008, mean residual 0″.8. |                     |          |            |            |

**205P/Giacobini**

|                                                                                  |                       |          |            |            |
|----------------------------------------------------------------------------------|-----------------------|----------|------------|------------|
| Epoch 2008 Sept. 11.0 TT = JDT 2454720.5                                         |                       |          |            |            |
| <i>T</i>                                                                         | 2008 Sept. 10.0844 TT |          | MPC        |            |
| <i>q</i>                                                                         | 1.526374              | (2000.0) | <b>P</b>   | <b>Q</b>   |
| <i>n</i>                                                                         | 0.1480049             | $\omega$ | 154.2516   | +0.8979545 |
| <i>a</i>                                                                         | 3.539582              | $\Omega$ | 179.6258   | +0.4400849 |
| <i>e</i>                                                                         | 0.568770              | <i>i</i> | 15.3064    | −0.4354401 |
| <i>P</i>                                                                         | 6.66                  |          | −0.0637937 | +0.8890313 |
| From 223 observations 1896–2008, mean residual 1″.0. Nongravitational parameters |                       |          |            |            |
| $A_1 = +0.97, A_2 = +0.0274.$                                                    |                       |          |            |            |

**SUMMARY OF NEW NUMBERINGS**

The following summary of new numberings of minor planets lists for each object the number, principal provisional designation, date of discovery, observatory code of the discovery site and the names of the discoverers. A separate table lists orbital elements and absolute magnitudes (the slope parameter  $G$  being 0.15 in every case). Further details, including additional identifications and residuals, are given in the *Minor Planet Circulars Orbit Supplement*.

|          |                       |            |     |                              |
|----------|-----------------------|------------|-----|------------------------------|
| (190282) | 1989 UQ <sub>3</sub>  | 1989 10 26 | 675 | Helin, E. F.                 |
| (190283) | 1991 RE <sub>3</sub>  | 1991 09 12 | 033 | Börngen, F., Schmadel, L. D. |
| (190284) | 1991 TN <sub>16</sub> | 1991 10 06 | 261 | Lowe, A.                     |
| (190285) | 1993 FH <sub>8</sub>  | 1993 03 17 | 809 | UESAC                        |
| (190286) | 1993 FV <sub>9</sub>  | 1993 03 17 | 809 | UESAC                        |
| (190287) | 1993 FR <sub>54</sub> | 1993 03 17 | 809 | UESAC                        |
| (190288) | 1994 PG <sub>12</sub> | 1994 08 10 | 809 | Elst, E. W.                  |
| (190289) | 1994 PR <sub>15</sub> | 1994 08 10 | 809 | Elst, E. W.                  |
| (190290) | 1994 SZ               | 1994 09 27 | 691 | Spacewatch                   |
| (190291) | 1995 OD <sub>6</sub>  | 1995 07 22 | 691 | Spacewatch                   |
| (190292) | 1995 OO <sub>7</sub>  | 1995 07 24 | 691 | Spacewatch                   |
| (190293) | 1995 OU <sub>10</sub> | 1995 07 22 | 691 | Spacewatch                   |
| (190294) | 1995 QC <sub>6</sub>  | 1995 08 22 | 691 | Spacewatch                   |
| (190295) | 1995 SQ <sub>27</sub> | 1995 09 19 | 691 | Spacewatch                   |
| (190296) | 1995 SG <sub>46</sub> | 1995 09 26 | 691 | Spacewatch                   |
| (190297) | 1995 UL <sub>43</sub> | 1995 10 24 | 691 | Spacewatch                   |
| (190298) | 1995 WW <sub>33</sub> | 1995 11 20 | 691 | Spacewatch                   |
| (190299) | 1996 AK <sub>3</sub>  | 1996 01 13 | 381 | Kiso                         |
| (190300) | 1996 RV               | 1996 09 10 | 566 | NEAT                         |
| (190301) | 1996 RA <sub>14</sub> | 1996 09 08 | 691 | Spacewatch                   |
| (190302) | 1996 XE <sub>21</sub> | 1996 12 07 | 691 | Spacewatch                   |
| (190303) | 1997 AH <sub>10</sub> | 1997 01 09 | 691 | Spacewatch                   |
| (190304) | 1997 EP <sub>4</sub>  | 1997 03 02 | 691 | Spacewatch                   |
| (190305) | 1997 LJ <sub>1</sub>  | 1997 06 01 | 691 | Spacewatch                   |
| (190306) | 1997 MB <sub>6</sub>  | 1997 06 26 | 691 | Spacewatch                   |
| (190307) | 1997 RA <sub>13</sub> | 1997 09 06 | 910 | ODAS                         |
| (190308) | 1997 SZ <sub>5</sub>  | 1997 09 23 | 691 | Spacewatch                   |
| (190309) | 1997 SX <sub>13</sub> | 1997 09 28 | 691 | Spacewatch                   |
| (190310) | 1997 TW               | 1997 10 02 | 587 | Giuliani, V.                 |
| (190311) | 1997 TM <sub>2</sub>  | 1997 10 03 | 910 | ODAS                         |
| (190312) | 1997 TK <sub>27</sub> | 1997 10 03 | 910 | ODAS                         |
| (190313) | 1997 UP <sub>12</sub> | 1997 10 23 | 691 | Spacewatch                   |

|          |                        |            |     |                                      |
|----------|------------------------|------------|-----|--------------------------------------|
| (190314) | 1997 VU <sub>1</sub>   | 1997 11 01 | 557 | Pravec, P., Šarounová, L.            |
| (190315) | 1997 VY <sub>4</sub>   | 1997 11 05 | 905 | Shimizu, Y., Urata, T.               |
| (190316) | 1997 WC <sub>22</sub>  | 1997 11 28 | 327 | Beijing Schmidt CCD Asteroid Program |
| (190317) | 1997 XU <sub>13</sub>  | 1997 12 04 | 809 | Uppsala-DLR Trojan Survey            |
| (190318) | 1998 DN <sub>24</sub>  | 1998 02 22 | 691 | Spacewatch                           |
| (190319) | 1998 FN <sub>29</sub>  | 1998 03 20 | 704 | LINEAR                               |
| (190320) | 1998 HD <sub>33</sub>  | 1998 04 20 | 704 | LINEAR                               |
| (190321) | 1998 HH <sub>42</sub>  | 1998 04 24 | 691 | Spacewatch                           |
| (190322) | 1998 HZ <sub>83</sub>  | 1998 04 21 | 704 | LINEAR                               |
| (190323) | 1998 KR <sub>5</sub>   | 1998 05 19 | 691 | Spacewatch                           |
| (190324) | 1998 OC <sub>13</sub>  | 1998 07 26 | 809 | Elst, E. W.                          |
| (190325) | 1998 QQ <sub>60</sub>  | 1998 08 27 | 557 | Šarounová, L.                        |
| (190326) | 1998 QD <sub>69</sub>  | 1998 08 24 | 704 | LINEAR                               |
| (190327) | 1998 QE <sub>85</sub>  | 1998 08 24 | 704 | LINEAR                               |
| (190328) | 1998 RA <sub>12</sub>  | 1998 09 13 | 691 | Spacewatch                           |
| (190329) | 1998 RK <sub>14</sub>  | 1998 09 14 | 691 | Spacewatch                           |
| (190330) | 1998 RO <sub>25</sub>  | 1998 09 14 | 704 | LINEAR                               |
| (190331) | 1998 RL <sub>41</sub>  | 1998 09 14 | 704 | LINEAR                               |
| (190332) | 1998 RC <sub>60</sub>  | 1998 09 14 | 704 | LINEAR                               |
| (190333) | 1998 SX <sub>14</sub>  | 1998 09 23 | 046 | Kleť                                 |
| (190334) | 1998 SM <sub>59</sub>  | 1998 09 17 | 699 | LONEOS                               |
| (190335) | 1998 SJ <sub>76</sub>  | 1998 09 19 | 704 | LINEAR                               |
| (190336) | 1998 SD <sub>83</sub>  | 1998 09 26 | 704 | LINEAR                               |
| (190337) | 1998 SS <sub>96</sub>  | 1998 09 26 | 704 | LINEAR                               |
| (190338) | 1998 SZ <sub>108</sub> | 1998 09 26 | 704 | LINEAR                               |
| (190339) | 1998 SC <sub>117</sub> | 1998 09 26 | 704 | LINEAR                               |
| (190340) | 1998 SX <sub>168</sub> | 1998 09 18 | 699 | LONEOS                               |
| (190341) | 1998 TS <sub>15</sub>  | 1998 10 15 | 910 | ODAS                                 |
| (190342) | 1998 TJ <sub>20</sub>  | 1998 10 13 | 691 | Spacewatch                           |
| (190343) | 1998 TZ <sub>24</sub>  | 1998 10 14 | 691 | Spacewatch                           |
| (190344) | 1998 TO <sub>29</sub>  | 1998 10 15 | 691 | Spacewatch                           |
| (190345) | 1998 UR <sub>14</sub>  | 1998 10 23 | 691 | Spacewatch                           |
| (190346) | 1998 UG <sub>33</sub>  | 1998 10 28 | 704 | LINEAR                               |
| (190347) | 1998 VD <sub>19</sub>  | 1998 11 10 | 704 | LINEAR                               |
| (190348) | 1998 VE <sub>28</sub>  | 1998 11 10 | 704 | LINEAR                               |
| (190349) | 1998 WL <sub>7</sub>   | 1998 11 23 | 704 | LINEAR                               |
| (190350) | 1998 WD <sub>28</sub>  | 1998 11 18 | 691 | Spacewatch                           |
| (190351) | 1998 XV <sub>1</sub>   | 1998 12 07 | 910 | ODAS                                 |
| (190352) | 1998 XC <sub>23</sub>  | 1998 12 11 | 691 | Spacewatch                           |
| (190353) | 1998 XK <sub>99</sub>  | 1998 12 15 | 910 | ODAS                                 |
| (190354) | 1998 YC <sub>20</sub>  | 1998 12 25 | 691 | Spacewatch                           |
| (190355) | 1999 AR <sub>6</sub>   | 1999 01 09 | 595 | Farra d'Isonzo                       |
| (190356) | 1999 BY <sub>28</sub>  | 1999 01 18 | 691 | Spacewatch                           |
| (190357) | 1999 CG <sub>11</sub>  | 1999 02 12 | 704 | LINEAR                               |
| (190358) | 1999 CC <sub>147</sub> | 1999 02 09 | 691 | Spacewatch                           |
| (190359) | 1999 FJ <sub>3</sub>   | 1999 03 19 | 704 | LINEAR                               |
| (190360) | 1999 FL <sub>70</sub>  | 1999 03 20 | 645 | Sloan Digital Sky Survey             |
| (190361) | 1999 FM <sub>82</sub>  | 1999 03 20 | 645 | Sloan Digital Sky Survey             |
| (190362) | 1999 JX <sub>99</sub>  | 1999 05 12 | 704 | LINEAR                               |
| (190363) | 1999 JL <sub>134</sub> | 1999 05 15 | 703 | CSS                                  |
| (190364) | 1999 LJ <sub>4</sub>   | 1999 06 10 | 704 | LINEAR                               |
| (190365) | 1999 RS <sub>23</sub>  | 1999 09 07 | 704 | LINEAR                               |

|          |                        |            |     |             |
|----------|------------------------|------------|-----|-------------|
| (190366) | 1999 RW <sub>39</sub>  | 1999 09 12 | 703 | CSS         |
| (190367) | 1999 RE <sub>54</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190368) | 1999 RR <sub>56</sub>  | 1999 09 11 | 704 | LINEAR      |
| (190369) | 1999 RT <sub>72</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190370) | 1999 RZ <sub>78</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190371) | 1999 RX <sub>81</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190372) | 1999 RW <sub>82</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190373) | 1999 RY <sub>84</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190374) | 1999 RG <sub>86</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190375) | 1999 RY <sub>98</sub>  | 1999 09 07 | 704 | LINEAR      |
| (190376) | 1999 RE <sub>104</sub> | 1999 09 08 | 704 | LINEAR      |
| (190377) | 1999 RE <sub>107</sub> | 1999 09 08 | 704 | LINEAR      |
| (190378) | 1999 RN <sub>108</sub> | 1999 09 08 | 704 | LINEAR      |
| (190379) | 1999 RQ <sub>123</sub> | 1999 09 09 | 704 | LINEAR      |
| (190380) | 1999 RS <sub>123</sub> | 1999 09 09 | 704 | LINEAR      |
| (190381) | 1999 RJ <sub>132</sub> | 1999 09 09 | 704 | LINEAR      |
| (190382) | 1999 RY <sub>134</sub> | 1999 09 09 | 704 | LINEAR      |
| (190383) | 1999 RN <sub>151</sub> | 1999 09 09 | 704 | LINEAR      |
| (190384) | 1999 RZ <sub>181</sub> | 1999 09 09 | 704 | LINEAR      |
| (190385) | 1999 RP <sub>202</sub> | 1999 09 08 | 704 | LINEAR      |
| (190386) | 1999 RU <sub>202</sub> | 1999 09 08 | 704 | LINEAR      |
| (190387) | 1999 RL <sub>209</sub> | 1999 09 08 | 704 | LINEAR      |
| (190388) | 1999 RW <sub>247</sub> | 1999 09 05 | 691 | Spacewatch  |
| (190389) | 1999 SC <sub>15</sub>  | 1999 09 29 | 703 | CSS         |
| (190390) | 1999 TD <sub>60</sub>  | 1999 10 07 | 691 | Spacewatch  |
| (190391) | 1999 TL <sub>77</sub>  | 1999 10 10 | 691 | Spacewatch  |
| (190392) | 1999 TL <sub>82</sub>  | 1999 10 12 | 691 | Spacewatch  |
| (190393) | 1999 TO <sub>101</sub> | 1999 10 02 | 704 | LINEAR      |
| (190394) | 1999 TS <sub>108</sub> | 1999 10 04 | 704 | LINEAR      |
| (190395) | 1999 TR <sub>109</sub> | 1999 10 04 | 704 | LINEAR      |
| (190396) | 1999 TZ <sub>124</sub> | 1999 10 04 | 704 | LINEAR      |
| (190397) | 1999 TZ <sub>138</sub> | 1999 10 06 | 704 | LINEAR      |
| (190398) | 1999 TE <sub>142</sub> | 1999 10 07 | 704 | LINEAR      |
| (190399) | 1999 TQ <sub>144</sub> | 1999 10 07 | 704 | LINEAR      |
| (190400) | 1999 TG <sub>145</sub> | 1999 10 07 | 704 | LINEAR      |
| (190401) | 1999 TL <sub>145</sub> | 1999 10 07 | 704 | LINEAR      |
| (190402) | 1999 TK <sub>168</sub> | 1999 10 10 | 704 | LINEAR      |
| (190403) | 1999 TV <sub>191</sub> | 1999 10 12 | 704 | LINEAR      |
| (190404) | 1999 TA <sub>192</sub> | 1999 10 12 | 704 | LINEAR      |
| (190405) | 1999 TF <sub>193</sub> | 1999 10 12 | 704 | LINEAR      |
| (190406) | 1999 TR <sub>194</sub> | 1999 10 12 | 704 | LINEAR      |
| (190407) | 1999 TK <sub>231</sub> | 1999 10 05 | 703 | CSS         |
| (190408) | 1999 TM <sub>245</sub> | 1999 10 07 | 703 | CSS         |
| (190409) | 1999 TR <sub>246</sub> | 1999 10 06 | 704 | LINEAR      |
| (190410) | 1999 TX <sub>253</sub> | 1999 10 11 | 691 | Spacewatch  |
| (190411) | 1999 TF <sub>254</sub> | 1999 10 12 | 691 | Spacewatch  |
| (190412) | 1999 TN <sub>267</sub> | 1999 10 03 | 704 | LINEAR      |
| (190413) | 1999 TN <sub>284</sub> | 1999 10 09 | 704 | LINEAR      |
| (190414) | 1999 TF <sub>319</sub> | 1999 10 09 | 704 | LINEAR      |
| (190415) | 1999 UP <sub>1</sub>   | 1999 10 17 | 611 | Starkenburg |
| (190416) | 1999 UH <sub>8</sub>   | 1999 10 29 | 703 | CSS         |
| (190417) | 1999 UU <sub>12</sub>  | 1999 10 29 | 703 | CSS         |

|                                 |            |     |               |                                 |            |     |                          |
|---------------------------------|------------|-----|---------------|---------------------------------|------------|-----|--------------------------|
| (190418) 1999 UO <sub>35</sub>  | 1999 10 31 | 703 | CSS           | (190470) 2000 DX <sub>10</sub>  | 2000 02 26 | 691 | Spacewatch               |
| (190419) 1999 VO <sub>54</sub>  | 1999 11 04 | 704 | LINEAR        | (190471) 2000 DG <sub>27</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190420) 1999 VZ <sub>70</sub>  | 1999 11 04 | 704 | LINEAR        | (190472) 2000 DF <sub>44</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190421) 1999 VN <sub>79</sub>  | 1999 11 04 | 704 | LINEAR        | (190473) 2000 DT <sub>46</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190422) 1999 VG <sub>92</sub>  | 1999 11 09 | 704 | LINEAR        | (190474) 2000 DL <sub>52</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190423) 1999 VZ <sub>107</sub> | 1999 11 09 | 704 | LINEAR        | (190475) 2000 DR <sub>64</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190424) 1999 VA <sub>114</sub> | 1999 11 09 | 703 | CSS           | (190476) 2000 DZ <sub>70</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190425) 1999 VM <sub>137</sub> | 1999 11 12 | 704 | LINEAR        | (190477) 2000 DX <sub>88</sub>  | 2000 02 25 | 691 | Spacewatch               |
| (190426) 1999 VW <sub>138</sub> | 1999 11 09 | 691 | Spacewatch    | (190478) 2000 DW <sub>96</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190427) 1999 VV <sub>150</sub> | 1999 11 14 | 704 | LINEAR        | (190479) 2000 DA <sub>97</sub>  | 2000 02 29 | 704 | LINEAR                   |
| (190428) 1999 VS <sub>159</sub> | 1999 11 14 | 704 | LINEAR        | (190480) 2000 DG <sub>109</sub> | 2000 02 29 | 704 | LINEAR                   |
| (190429) 1999 VB <sub>180</sub> | 1999 11 06 | 704 | LINEAR        | (190481) 2000 DN <sub>111</sub> | 2000 02 29 | 704 | LINEAR                   |
| (190430) 1999 VB <sub>189</sub> | 1999 11 15 | 704 | LINEAR        | (190482) 2000 DU <sub>113</sub> | 2000 02 27 | 691 | Spacewatch               |
| (190431) 1999 VZ <sub>194</sub> | 1999 11 03 | 704 | LINEAR        | (190483) 2000 EC <sub>2</sub>   | 2000 03 03 | 704 | LINEAR                   |
| (190432) 1999 WO <sub>17</sub>  | 1999 11 30 | 691 | Spacewatch    | (190484) 2000 ET <sub>2</sub>   | 2000 03 03 | 704 | LINEAR                   |
| (190433) 1999 XC <sub>59</sub>  | 1999 12 07 | 704 | LINEAR        | (190485) 2000 EE <sub>3</sub>   | 2000 03 03 | 704 | LINEAR                   |
| (190434) 1999 XX <sub>78</sub>  | 1999 12 07 | 704 | LINEAR        | (190486) 2000 EO <sub>9</sub>   | 2000 03 03 | 704 | LINEAR                   |
| (190435) 1999 XN <sub>146</sub> | 1999 12 07 | 691 | Spacewatch    | (190487) 2000 EM <sub>10</sub>  | 2000 03 03 | 704 | LINEAR                   |
| (190436) 1999 XT <sub>181</sub> | 1999 12 12 | 704 | LINEAR        | (190488) 2000 EF <sub>58</sub>  | 2000 03 08 | 704 | LINEAR                   |
| (190437) 1999 XS <sub>182</sub> | 1999 12 12 | 704 | LINEAR        | (190489) 2000 EW <sub>61</sub>  | 2000 03 10 | 704 | LINEAR                   |
| (190438) 1999 XD <sub>193</sub> | 1999 12 12 | 704 | LINEAR        | (190490) 2000 EU <sub>172</sub> | 2000 03 01 | 691 | Spacewatch               |
| (190439) 1999 XQ <sub>203</sub> | 1999 12 12 | 704 | LINEAR        | (190491) 2000 FJ <sub>10</sub>  | 2000 03 25 | 691 | Spacewatch               |
| (190440) 1999 XV <sub>217</sub> | 1999 12 13 | 691 | Spacewatch    | (190492) 2000 FL <sub>42</sub>  | 2000 03 29 | 704 | LINEAR                   |
| (190441) 1999 XB <sub>220</sub> | 1999 12 12 | 704 | LINEAR        | (190493) 2000 GO <sub>11</sub>  | 2000 04 05 | 704 | LINEAR                   |
| (190442) 1999 XE <sub>225</sub> | 1999 12 13 | 691 | Spacewatch    | (190494) 2000 GG <sub>42</sub>  | 2000 04 05 | 704 | LINEAR                   |
| (190443) 1999 XS <sub>246</sub> | 1999 12 05 | 691 | Spacewatch    | (190495) 2000 GN <sub>45</sub>  | 2000 04 05 | 704 | LINEAR                   |
| (190444) 1999 YM <sub>9</sub>   | 1999 12 31 | 411 | Kobayashi, T. | (190496) 2000 GC <sub>55</sub>  | 2000 04 05 | 704 | LINEAR                   |
| (190445) 1999 YB <sub>10</sub>  | 1999 12 27 | 691 | Spacewatch    | (190497) 2000 GT <sub>101</sub> | 2000 04 07 | 704 | LINEAR                   |
| (190446) 2000 AL <sub>8</sub>   | 2000 01 02 | 704 | LINEAR        | (190498) 2000 GB <sub>111</sub> | 2000 04 02 | 699 | LONEOS                   |
| (190447) 2000 AR <sub>11</sub>  | 2000 01 03 | 704 | LINEAR        | (190499) 2000 GP <sub>111</sub> | 2000 04 03 | 699 | LONEOS                   |
| (190448) 2000 AO <sub>35</sub>  | 2000 01 03 | 704 | LINEAR        | (190500) 2000 GX <sub>111</sub> | 2000 04 03 | 699 | LONEOS                   |
| (190449) 2000 AO <sub>52</sub>  | 2000 01 04 | 704 | LINEAR        | (190501) 2000 GV <sub>145</sub> | 2000 04 12 | 691 | Spacewatch               |
| (190450) 2000 AZ <sub>78</sub>  | 2000 01 05 | 704 | LINEAR        | (190502) 2000 GT <sub>170</sub> | 2000 04 05 | 699 | LONEOS                   |
| (190451) 2000 AX <sub>146</sub> | 2000 01 07 | 704 | LINEAR        | (190503) 2000 GT <sub>177</sub> | 2000 04 03 | 691 | Spacewatch               |
| (190452) 2000 AS <sub>211</sub> | 2000 01 05 | 691 | Spacewatch    | (190504) 2000 HE                | 2000 04 22 | 461 | Sárneczky, K., Szabo, G. |
| (190453) 2000 AQ <sub>235</sub> | 2000 01 05 | 704 | LINEAR        | (190505) 2000 HS <sub>4</sub>   | 2000 04 27 | 691 | Spacewatch               |
| (190454) 2000 BR <sub>12</sub>  | 2000 01 28 | 691 | Spacewatch    | (190506) 2000 HO <sub>18</sub>  | 2000 04 25 | 691 | Spacewatch               |
| (190455) 2000 BU <sub>13</sub>  | 2000 01 29 | 691 | Spacewatch    | (190507) 2000 HU <sub>26</sub>  | 2000 04 24 | 699 | LONEOS                   |
| (190456) 2000 BC <sub>32</sub>  | 2000 01 30 | 703 | CSS           | (190508) 2000 HM <sub>43</sub>  | 2000 04 29 | 691 | Spacewatch               |
| (190457) 2000 BR <sub>32</sub>  | 2000 01 28 | 691 | Spacewatch    | (190509) 2000 HX <sub>47</sub>  | 2000 04 29 | 704 | LINEAR                   |
| (190458) 2000 BG <sub>40</sub>  | 2000 01 29 | 691 | Spacewatch    | (190510) 2000 HH <sub>60</sub>  | 2000 04 25 | 699 | LONEOS                   |
| (190459) 2000 CN <sub>7</sub>   | 2000 02 02 | 704 | LINEAR        | (190511) 2000 HL <sub>72</sub>  | 2000 04 25 | 699 | LONEOS                   |
| (190460) 2000 CO <sub>9</sub>   | 2000 02 02 | 704 | LINEAR        | (190512) 2000 JE <sub>22</sub>  | 2000 05 06 | 704 | LINEAR                   |
| (190461) 2000 CP <sub>39</sub>  | 2000 02 03 | 120 | Korlević, K.  | (190513) 2000 JP <sub>25</sub>  | 2000 05 07 | 704 | LINEAR                   |
| (190462) 2000 CY <sub>41</sub>  | 2000 02 02 | 704 | LINEAR        | (190514) 2000 JO <sub>42</sub>  | 2000 05 07 | 704 | LINEAR                   |
| (190463) 2000 CE <sub>57</sub>  | 2000 02 05 | 704 | LINEAR        | (190515) 2000 JO <sub>49</sub>  | 2000 05 09 | 704 | LINEAR                   |
| (190464) 2000 CU <sub>59</sub>  | 2000 02 02 | 704 | LINEAR        | (190516) 2000 JT <sub>73</sub>  | 2000 05 02 | 699 | LONEOS                   |
| (190465) 2000 CS <sub>78</sub>  | 2000 02 08 | 691 | Spacewatch    | (190517) 2000 KE <sub>8</sub>   | 2000 05 27 | 704 | LINEAR                   |
| (190466) 2000 CH <sub>102</sub> | 2000 02 02 | 704 | LINEAR        | (190518) 2000 KF <sub>43</sub>  | 2000 05 26 | 691 | Spacewatch               |
| (190467) 2000 CP <sub>111</sub> | 2000 02 06 | 703 | CSS           | (190519) 2000 NR <sub>17</sub>  | 2000 07 05 | 699 | LONEOS                   |
| (190468) 2000 CQ <sub>138</sub> | 2000 02 05 | 691 | Spacewatch    | (190520) 2000 PN <sub>26</sub>  | 2000 08 05 | 608 | NEAT                     |
| (190469) 2000 DC <sub>10</sub>  | 2000 02 26 | 691 | Spacewatch    | (190521) 2000 QV <sub>21</sub>  | 2000 08 24 | 704 | LINEAR                   |

|          |                        |            |     |            |          |                        |            |     |                 |
|----------|------------------------|------------|-----|------------|----------|------------------------|------------|-----|-----------------|
| (190522) | 2000 QM <sub>44</sub>  | 2000 08 24 | 704 | LINEAR     | (190574) | 2000 SR <sub>227</sub> | 2000 09 27 | 704 | LINEAR          |
| (190523) | 2000 QK <sub>93</sub>  | 2000 08 25 | 704 | LINEAR     | (190575) | 2000 SC <sub>243</sub> | 2000 09 24 | 704 | LINEAR          |
| (190524) | 2000 QJ <sub>108</sub> | 2000 08 29 | 704 | LINEAR     | (190576) | 2000 SZ <sub>270</sub> | 2000 09 27 | 704 | LINEAR          |
| (190525) | 2000 QX <sub>124</sub> | 2000 08 29 | 704 | LINEAR     | (190577) | 2000 SE <sub>272</sub> | 2000 09 28 | 704 | LINEAR          |
| (190526) | 2000 QC <sub>170</sub> | 2000 08 31 | 704 | LINEAR     | (190578) | 2000 SQ <sub>274</sub> | 2000 09 28 | 704 | LINEAR          |
| (190527) | 2000 QB <sub>180</sub> | 2000 08 29 | 704 | LINEAR     | (190579) | 2000 SB <sub>287</sub> | 2000 09 26 | 704 | LINEAR          |
| (190528) | 2000 QQ <sub>181</sub> | 2000 08 31 | 704 | LINEAR     | (190580) | 2000 SB <sub>295</sub> | 2000 09 27 | 704 | LINEAR          |
| (190529) | 2000 QD <sub>184</sub> | 2000 08 26 | 704 | LINEAR     | (190581) | 2000 SE <sub>296</sub> | 2000 09 27 | 704 | LINEAR          |
| (190530) | 2000 QS <sub>189</sub> | 2000 08 26 | 704 | LINEAR     | (190582) | 2000 SO <sub>299</sub> | 2000 09 28 | 704 | LINEAR          |
| (190531) | 2000 QS <sub>194</sub> | 2000 08 31 | 704 | LINEAR     | (190583) | 2000 SD <sub>309</sub> | 2000 09 30 | 704 | LINEAR          |
| (190532) | 2000 QX <sub>215</sub> | 2000 08 31 | 704 | LINEAR     | (190584) | 2000 SH <sub>311</sub> | 2000 09 26 | 704 | LINEAR          |
| (190533) | 2000 RN <sub>5</sub>   | 2000 09 01 | 704 | LINEAR     | (190585) | 2000 SF <sub>339</sub> | 2000 09 25 | 704 | LINEAR          |
| (190534) | 2000 RH <sub>8</sub>   | 2000 09 01 | 704 | LINEAR     | (190586) | 2000 SX <sub>354</sub> | 2000 09 29 | 699 | LONEOS          |
| (190535) | 2000 RM <sub>28</sub>  | 2000 09 01 | 704 | LINEAR     | (190587) | 2000 SQ <sub>361</sub> | 2000 09 23 | 699 | LONEOS          |
| (190536) | 2000 RQ <sub>35</sub>  | 2000 09 02 | 704 | LINEAR     | (190588) | 2000 SN <sub>363</sub> | 2000 09 22 | 699 | LONEOS          |
| (190537) | 2000 RS <sub>45</sub>  | 2000 09 03 | 704 | LINEAR     | (190589) | 2000 TY <sub>3</sub>   | 2000 10 01 | 704 | LINEAR          |
| (190538) | 2000 RS <sub>48</sub>  | 2000 09 03 | 704 | LINEAR     | (190590) | 2000 TU <sub>10</sub>  | 2000 10 01 | 704 | LINEAR          |
| (190539) | 2000 RX <sub>60</sub>  | 2000 09 06 | 704 | LINEAR     | (190591) | 2000 TA <sub>15</sub>  | 2000 10 01 | 704 | LINEAR          |
| (190540) | 2000 RE <sub>67</sub>  | 2000 09 01 | 704 | LINEAR     | (190592) | 2000 TQ <sub>35</sub>  | 2000 10 06 | 699 | LONEOS          |
| (190541) | 2000 RO <sub>77</sub>  | 2000 09 08 | 704 | LINEAR     | (190593) | 2000 TH <sub>44</sub>  | 2000 10 01 | 704 | LINEAR          |
| (190542) | 2000 RR <sub>78</sub>  | 2000 09 08 | 691 | Spacewatch | (190594) | 2000 TY <sub>61</sub>  | 2000 10 02 | 699 | LONEOS          |
| (190543) | 2000 RM <sub>80</sub>  | 2000 09 01 | 704 | LINEAR     | (190595) | 2000 TP <sub>62</sub>  | 2000 10 02 | 704 | LINEAR          |
| (190544) | 2000 RQ <sub>87</sub>  | 2000 09 02 | 699 | LONEOS     | (190596) | 2000 UP <sub>2</sub>   | 2000 10 23 | 919 | Yeung, W. K. Y. |
| (190545) | 2000 RZ <sub>89</sub>  | 2000 09 03 | 704 | LINEAR     | (190597) | 2000 UD <sub>24</sub>  | 2000 10 24 | 704 | LINEAR          |
| (190546) | 2000 SW <sub>14</sub>  | 2000 09 23 | 704 | LINEAR     | (190598) | 2000 UY <sub>45</sub>  | 2000 10 24 | 704 | LINEAR          |
| (190547) | 2000 SA <sub>19</sub>  | 2000 09 23 | 704 | LINEAR     | (190599) | 2000 UR <sub>50</sub>  | 2000 10 24 | 704 | LINEAR          |
| (190548) | 2000 SU <sub>28</sub>  | 2000 09 23 | 704 | LINEAR     | (190600) | 2000 UL <sub>70</sub>  | 2000 10 25 | 704 | LINEAR          |
| (190549) | 2000 SP <sub>37</sub>  | 2000 09 24 | 704 | LINEAR     | (190601) | 2000 UP <sub>75</sub>  | 2000 10 31 | 704 | LINEAR          |
| (190550) | 2000 SD <sub>44</sub>  | 2000 09 24 | 704 | LINEAR     | (190602) | 2000 UZ <sub>79</sub>  | 2000 10 24 | 704 | LINEAR          |
| (190551) | 2000 SK <sub>48</sub>  | 2000 09 23 | 704 | LINEAR     | (190603) | 2000 UV <sub>80</sub>  | 2000 10 24 | 704 | LINEAR          |
| (190552) | 2000 SV <sub>49</sub>  | 2000 09 23 | 704 | LINEAR     | (190604) | 2000 UG <sub>89</sub>  | 2000 10 31 | 704 | LINEAR          |
| (190553) | 2000 SB <sub>65</sub>  | 2000 09 24 | 704 | LINEAR     | (190605) | 2000 UX <sub>91</sub>  | 2000 10 25 | 704 | LINEAR          |
| (190554) | 2000 SU <sub>65</sub>  | 2000 09 24 | 704 | LINEAR     | (190606) | 2000 UO <sub>99</sub>  | 2000 10 25 | 704 | LINEAR          |
| (190555) | 2000 SY <sub>67</sub>  | 2000 09 24 | 704 | LINEAR     | (190607) | 2000 UJ <sub>109</sub> | 2000 10 31 | 704 | LINEAR          |
| (190556) | 2000 SV <sub>73</sub>  | 2000 09 24 | 704 | LINEAR     | (190608) | 2000 VD <sub>24</sub>  | 2000 11 01 | 704 | LINEAR          |
| (190557) | 2000 SH <sub>77</sub>  | 2000 09 24 | 704 | LINEAR     | (190609) | 2000 VH <sub>24</sub>  | 2000 11 01 | 704 | LINEAR          |
| (190558) | 2000 SE <sub>78</sub>  | 2000 09 24 | 704 | LINEAR     | (190610) | 2000 VY <sub>36</sub>  | 2000 11 01 | 704 | LINEAR          |
| (190559) | 2000 SK <sub>79</sub>  | 2000 09 24 | 704 | LINEAR     | (190611) | 2000 VN <sub>38</sub>  | 2000 11 01 | 691 | Spacewatch      |
| (190560) | 2000 SU <sub>86</sub>  | 2000 09 24 | 704 | LINEAR     | (190612) | 2000 VZ <sub>46</sub>  | 2000 11 03 | 704 | LINEAR          |
| (190561) | 2000 SY <sub>99</sub>  | 2000 09 23 | 704 | LINEAR     | (190613) | 2000 VJ <sub>49</sub>  | 2000 11 02 | 704 | LINEAR          |
| (190562) | 2000 SP <sub>106</sub> | 2000 09 24 | 704 | LINEAR     | (190614) | 2000 VJ <sub>54</sub>  | 2000 11 03 | 704 | LINEAR          |
| (190563) | 2000 SL <sub>123</sub> | 2000 09 24 | 704 | LINEAR     | (190615) | 2000 VN <sub>59</sub>  | 2000 11 06 | 704 | LINEAR          |
| (190564) | 2000 SU <sub>128</sub> | 2000 09 24 | 704 | LINEAR     | (190616) | 2000 WA <sub>7</sub>   | 2000 11 19 | 704 | LINEAR          |
| (190565) | 2000 SU <sub>131</sub> | 2000 09 22 | 704 | LINEAR     | (190617) | 2000 WT <sub>9</sub>   | 2000 11 19 | 113 | Kandler, J.     |
| (190566) | 2000 SJ <sub>132</sub> | 2000 09 22 | 704 | LINEAR     | (190618) | 2000 WM <sub>18</sub>  | 2000 11 21 | 704 | LINEAR          |
| (190567) | 2000 SL <sub>137</sub> | 2000 09 23 | 704 | LINEAR     | (190619) | 2000 WM <sub>25</sub>  | 2000 11 21 | 704 | LINEAR          |
| (190568) | 2000 SQ <sub>183</sub> | 2000 09 20 | 608 | NEAT       | (190620) | 2000 WC <sub>39</sub>  | 2000 11 20 | 704 | LINEAR          |
| (190569) | 2000 SY <sub>190</sub> | 2000 09 23 | 704 | LINEAR     | (190621) | 2000 WJ <sub>46</sub>  | 2000 11 21 | 704 | LINEAR          |
| (190570) | 2000 SO <sub>203</sub> | 2000 09 24 | 704 | LINEAR     | (190622) | 2000 WT <sub>49</sub>  | 2000 11 25 | 704 | LINEAR          |
| (190571) | 2000 SH <sub>206</sub> | 2000 09 24 | 704 | LINEAR     | (190623) | 2000 WD <sub>58</sub>  | 2000 11 21 | 704 | LINEAR          |
| (190572) | 2000 SK <sub>209</sub> | 2000 09 25 | 704 | LINEAR     | (190624) | 2000 WW <sub>68</sub>  | 2000 11 19 | 704 | LINEAR          |
| (190573) | 2000 SN <sub>211</sub> | 2000 09 25 | 704 | LINEAR     | (190625) | 2000 WB <sub>85</sub>  | 2000 11 20 | 704 | LINEAR          |

|          |                        |            |     |            |
|----------|------------------------|------------|-----|------------|
| (190626) | 2000 WS <sub>91</sub>  | 2000 11 21 | 704 | LINEAR     |
| (190627) | 2000 WP <sub>94</sub>  | 2000 11 21 | 704 | LINEAR     |
| (190628) | 2000 WW <sub>112</sub> | 2000 11 20 | 704 | LINEAR     |
| (190629) | 2000 WT <sub>114</sub> | 2000 11 20 | 704 | LINEAR     |
| (190630) | 2000 WZ <sub>124</sub> | 2000 11 27 | 608 | NEAT       |
| (190631) | 2000 WT <sub>129</sub> | 2000 11 19 | 691 | Spacewatch |
| (190632) | 2000 WT <sub>131</sub> | 2000 11 20 | 699 | LONEOS     |
| (190633) | 2000 WH <sub>135</sub> | 2000 11 19 | 704 | LINEAR     |
| (190634) | 2000 WG <sub>141</sub> | 2000 11 19 | 704 | LINEAR     |
| (190635) | 2000 WX <sub>148</sub> | 2000 11 29 | 608 | NEAT       |
| (190636) | 2000 WE <sub>151</sub> | 2000 11 27 | 704 | LINEAR     |
| (190637) | 2000 WE <sub>155</sub> | 2000 11 30 | 704 | LINEAR     |
| (190638) | 2000 WD <sub>164</sub> | 2000 11 21 | 704 | LINEAR     |
| (190639) | 2000 WZ <sub>171</sub> | 2000 11 25 | 704 | LINEAR     |
| (190640) | 2000 WO <sub>172</sub> | 2000 11 25 | 704 | LINEAR     |
| (190641) | 2000 XD <sub>3</sub>   | 2000 12 01 | 704 | LINEAR     |
| (190642) | 2000 XX <sub>5</sub>   | 2000 12 01 | 704 | LINEAR     |
| (190643) | 2000 XH <sub>8</sub>   | 2000 12 01 | 704 | LINEAR     |
| (190644) | 2000 XS <sub>9</sub>   | 2000 12 01 | 704 | LINEAR     |
| (190645) | 2000 XC <sub>18</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190646) | 2000 XD <sub>20</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190647) | 2000 XH <sub>24</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190648) | 2000 XS <sub>24</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190649) | 2000 XF <sub>26</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190650) | 2000 XN <sub>40</sub>  | 2000 12 05 | 704 | LINEAR     |
| (190651) | 2000 XM <sub>46</sub>  | 2000 12 07 | 704 | LINEAR     |
| (190652) | 2000 XW <sub>46</sub>  | 2000 12 07 | 704 | LINEAR     |
| (190653) | 2000 XD <sub>48</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190654) | 2000 XJ <sub>48</sub>  | 2000 12 04 | 704 | LINEAR     |
| (190655) | 2000 YT <sub>25</sub>  | 2000 12 22 | 704 | LINEAR     |
| (190656) | 2000 YH <sub>40</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190657) | 2000 YJ <sub>40</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190658) | 2000 YA <sub>44</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190659) | 2000 YO <sub>57</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190660) | 2000 YE <sub>67</sub>  | 2000 12 28 | 704 | LINEAR     |
| (190661) | 2000 YT <sub>84</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190662) | 2000 YD <sub>86</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190663) | 2000 YF <sub>88</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190664) | 2000 YX <sub>90</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190665) | 2000 YG <sub>98</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190666) | 2000 YB <sub>99</sub>  | 2000 12 30 | 704 | LINEAR     |
| (190667) | 2000 YD <sub>108</sub> | 2000 12 30 | 704 | LINEAR     |
| (190668) | 2000 YK <sub>112</sub> | 2000 12 30 | 704 | LINEAR     |
| (190669) | 2000 YJ <sub>117</sub> | 2000 12 30 | 704 | LINEAR     |
| (190670) | 2001 AU <sub>19</sub>  | 2001 01 05 | 732 | Roe, J. M. |
| (190671) | 2001 AS <sub>22</sub>  | 2001 01 03 | 704 | LINEAR     |
| (190672) | 2001 AR <sub>26</sub>  | 2001 01 05 | 704 | LINEAR     |
| (190673) | 2001 AZ <sub>45</sub>  | 2001 01 15 | 704 | LINEAR     |
| (190674) | 2001 BZ <sub>18</sub>  | 2001 01 19 | 704 | LINEAR     |
| (190675) | 2001 BU <sub>20</sub>  | 2001 01 19 | 704 | LINEAR     |
| (190676) | 2001 BO <sub>34</sub>  | 2001 01 20 | 704 | LINEAR     |
| (190677) | 2001 BQ <sub>61</sub>  | 2001 01 24 | 608 | NEAT       |

|          |                        |            |     |             |
|----------|------------------------|------------|-----|-------------|
| (190678) | 2001 BQ <sub>63</sub>  | 2001 01 29 | 704 | LINEAR      |
| (190679) | 2001 BE <sub>73</sub>  | 2001 01 28 | 608 | NEAT        |
| (190680) | 2001 CM <sub>2</sub>   | 2001 02 01 | 704 | LINEAR      |
| (190681) | 2001 CW <sub>23</sub>  | 2001 02 01 | 699 | LONEOS      |
| (190682) | 2001 CF <sub>31</sub>  | 2001 02 02 | 608 | NEAT        |
| (190683) | 2001 CR <sub>47</sub>  | 2001 02 12 | 699 | LONEOS      |
| (190684) | 2001 DW <sub>15</sub>  | 2001 02 16 | 704 | LINEAR      |
| (190685) | 2001 DF <sub>25</sub>  | 2001 02 17 | 704 | LINEAR      |
| (190686) | 2001 DG <sub>36</sub>  | 2001 02 19 | 704 | LINEAR      |
| (190687) | 2001 DW <sub>40</sub>  | 2001 02 19 | 704 | LINEAR      |
| (190688) | 2001 DB <sub>89</sub>  | 2001 02 27 | 691 | Spacewatch  |
| (190689) | 2001 DO <sub>93</sub>  | 2001 02 19 | 704 | LINEAR      |
| (190690) | 2001 DO <sub>105</sub> | 2001 02 16 | 699 | LONEOS      |
| (190691) | 2001 EG <sub>3</sub>   | 2001 03 04 | 691 | Spacewatch  |
| (190692) | 2001 EC <sub>7</sub>   | 2001 03 02 | 699 | LONEOS      |
| (190693) | 2001 ED <sub>13</sub>  | 2001 03 14 | 704 | LINEAR      |
| (190694) | 2001 EX <sub>24</sub>  | 2001 03 15 | 704 | LINEAR      |
| (190695) | 2001 FX <sub>1</sub>   | 2001 03 16 | 704 | LINEAR      |
| (190696) | 2001 FT <sub>14</sub>  | 2001 03 19 | 699 | LONEOS      |
| (190697) | 2001 FQ <sub>16</sub>  | 2001 03 19 | 699 | LONEOS      |
| (190698) | 2001 FG <sub>30</sub>  | 2001 03 20 | 608 | NEAT        |
| (190699) | 2001 FR <sub>30</sub>  | 2001 03 21 | 608 | NEAT        |
| (190700) | 2001 FO <sub>45</sub>  | 2001 03 18 | 704 | LINEAR      |
| (190701) | 2001 FZ <sub>56</sub>  | 2001 03 23 | 699 | LONEOS      |
| (190702) | 2001 FN <sub>85</sub>  | 2001 03 26 | 691 | Spacewatch  |
| (190703) | 2001 FW <sub>123</sub> | 2001 03 23 | 699 | LONEOS      |
| (190704) | 2001 FY <sub>125</sub> | 2001 03 28 | 691 | Spacewatch  |
| (190705) | 2001 FW <sub>146</sub> | 2001 03 24 | 699 | LONEOS      |
| (190706) | 2001 FK <sub>158</sub> | 2001 03 27 | 608 | NEAT        |
| (190707) | 2001 FC <sub>159</sub> | 2001 03 29 | 699 | LONEOS      |
| (190708) | 2001 FB <sub>168</sub> | 2001 03 20 | 691 | Spacewatch  |
| (190709) | 2001 FV <sub>178</sub> | 2001 03 20 | 699 | LONEOS      |
| (190710) | 2001 FA <sub>185</sub> | 2001 03 26 | 695 | Buie, M. W. |
| (190711) | 2001 FF <sub>188</sub> | 2001 03 16 | 704 | LINEAR      |
| (190712) | 2001 GZ <sub>7</sub>   | 2001 04 15 | 704 | LINEAR      |
| (190713) | 2001 HK <sub>19</sub>  | 2001 04 24 | 291 | Spacewatch  |
| (190714) | 2001 KX <sub>5</sub>   | 2001 05 17 | 704 | LINEAR      |
| (190715) | 2001 KQ <sub>7</sub>   | 2001 05 18 | 704 | LINEAR      |
| (190716) | 2001 KH <sub>32</sub>  | 2001 05 24 | 691 | Spacewatch  |
| (190717) | 2001 KH <sub>34</sub>  | 2001 05 18 | 704 | LINEAR      |
| (190718) | 2001 KK <sub>53</sub>  | 2001 05 18 | 704 | LINEAR      |
| (190719) | 2001 NE <sub>8</sub>   | 2001 07 14 | 644 | NEAT        |
| (190720) | 2001 NL <sub>10</sub>  | 2001 07 14 | 608 | NEAT        |
| (190721) | 2001 OK <sub>23</sub>  | 2001 07 22 | 644 | NEAT        |
| (190722) | 2001 ON <sub>39</sub>  | 2001 07 20 | 644 | NEAT        |
| (190723) | 2001 OL <sub>61</sub>  | 2001 07 21 | 608 | NEAT        |
| (190724) | 2001 OQ <sub>64</sub>  | 2001 07 27 | 644 | NEAT        |
| (190725) | 2001 OO <sub>72</sub>  | 2001 07 21 | 699 | LONEOS      |
| (190726) | 2001 OC <sub>95</sub>  | 2001 07 29 | 644 | NEAT        |
| (190727) | 2001 OP <sub>97</sub>  | 2001 07 25 | 608 | NEAT        |
| (190728) | 2001 OL <sub>98</sub>  | 2001 07 25 | 608 | NEAT        |
| (190729) | 2001 PD <sub>3</sub>   | 2001 08 03 | 608 | NEAT        |

|          |                        |            |     |                            |          |                        |            |     |                 |
|----------|------------------------|------------|-----|----------------------------|----------|------------------------|------------|-----|-----------------|
| (190730) | 2001 PY <sub>13</sub>  | 2001 08 13 | 104 | Tombelli, M., Boattini, A. | (190782) | 2001 QT <sub>285</sub> | 2001 08 23 | 608 | NEAT            |
| (190731) | 2001 PW <sub>14</sub>  | 2001 08 15 | 918 | Dyvig, R.                  | (190783) | 2001 QG <sub>290</sub> | 2001 08 16 | 704 | LINEAR          |
| (190732) | 2001 PJ <sub>17</sub>  | 2001 08 09 | 644 | NEAT                       | (190784) | 2001 QL <sub>294</sub> | 2001 08 24 | 699 | LONEOS          |
| (190733) | 2001 PE <sub>22</sub>  | 2001 08 10 | 608 | NEAT                       | (190785) | 2001 RB <sub>5</sub>   | 2001 09 08 | 704 | LINEAR          |
| (190734) | 2001 PP <sub>23</sub>  | 2001 08 11 | 608 | NEAT                       | (190786) | 2001 RL <sub>7</sub>   | 2001 09 07 | 704 | LINEAR          |
| (190735) | 2001 PP <sub>29</sub>  | 2001 08 11 | 704 | LINEAR                     | (190787) | 2001 RR <sub>13</sub>  | 2001 09 10 | 704 | LINEAR          |
| (190736) | 2001 PM <sub>43</sub>  | 2001 08 13 | 608 | NEAT                       | (190788) | 2001 RT <sub>17</sub>  | 2001 09 11 | 704 | LINEAR          |
| (190737) | 2001 PD <sub>51</sub>  | 2001 08 01 | 644 | NEAT                       | (190789) | 2001 RE <sub>19</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190738) | 2001 PR <sub>53</sub>  | 2001 08 14 | 644 | NEAT                       | (190790) | 2001 RQ <sub>20</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190739) | 2001 PL <sub>60</sub>  | 2001 08 13 | 608 | NEAT                       | (190791) | 2001 RF <sub>26</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190740) | 2001 PX <sub>60</sub>  | 2001 08 13 | 608 | NEAT                       | (190792) | 2001 RZ <sub>26</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190741) | 2001 QJ <sub>1</sub>   | 2001 08 16 | 704 | LINEAR                     | (190793) | 2001 RX <sub>28</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190742) | 2001 QH <sub>6</sub>   | 2001 08 16 | 704 | LINEAR                     | (190794) | 2001 RS <sub>30</sub>  | 2001 09 07 | 704 | LINEAR          |
| (190743) | 2001 QW <sub>6</sub>   | 2001 08 16 | 704 | LINEAR                     | (190795) | 2001 RQ <sub>40</sub>  | 2001 09 11 | 704 | LINEAR          |
| (190744) | 2001 QE <sub>7</sub>   | 2001 08 16 | 704 | LINEAR                     | (190796) | 2001 RZ <sub>43</sub>  | 2001 09 09 | 644 | NEAT            |
| (190745) | 2001 QZ <sub>8</sub>   | 2001 08 16 | 704 | LINEAR                     | (190797) | 2001 RA <sub>45</sub>  | 2001 09 09 | 644 | NEAT            |
| (190746) | 2001 QD <sub>15</sub>  | 2001 08 16 | 704 | LINEAR                     | (190798) | 2001 RT <sub>45</sub>  | 2001 09 14 | 644 | NEAT            |
| (190747) | 2001 QW <sub>36</sub>  | 2001 08 16 | 704 | LINEAR                     | (190799) | 2001 RE <sub>67</sub>  | 2001 09 10 | 704 | LINEAR          |
| (190748) | 2001 QZ <sub>36</sub>  | 2001 08 16 | 704 | LINEAR                     | (190800) | 2001 RT <sub>68</sub>  | 2001 09 10 | 704 | LINEAR          |
| (190749) | 2001 QT <sub>43</sub>  | 2001 08 16 | 704 | LINEAR                     | (190801) | 2001 RF <sub>70</sub>  | 2001 09 10 | 704 | LINEAR          |
| (190750) | 2001 QE <sub>54</sub>  | 2001 08 16 | 704 | LINEAR                     | (190802) | 2001 RB <sub>79</sub>  | 2001 09 10 | 704 | LINEAR          |
| (190751) | 2001 QM <sub>58</sub>  | 2001 08 16 | 704 | LINEAR                     | (190803) | 2001 RA <sub>86</sub>  | 2001 09 11 | 699 | LONEOS          |
| (190752) | 2001 QR <sub>61</sub>  | 2001 08 16 | 704 | LINEAR                     | (190804) | 2001 RM <sub>86</sub>  | 2001 09 11 | 699 | LONEOS          |
| (190753) | 2001 QF <sub>62</sub>  | 2001 08 16 | 704 | LINEAR                     | (190805) | 2001 RJ <sub>90</sub>  | 2001 09 11 | 699 | LONEOS          |
| (190754) | 2001 QL <sub>79</sub>  | 2001 08 16 | 704 | LINEAR                     | (190806) | 2001 RL <sub>93</sub>  | 2001 09 11 | 699 | LONEOS          |
| (190755) | 2001 QS <sub>83</sub>  | 2001 08 17 | 704 | LINEAR                     | (190807) | 2001 RY <sub>95</sub>  | 2001 09 11 | 691 | Spacewatch      |
| (190756) | 2001 QO <sub>93</sub>  | 2001 08 22 | 704 | LINEAR                     | (190808) | 2001 RJ <sub>101</sub> | 2001 09 12 | 704 | LINEAR          |
| (190757) | 2001 QT <sub>93</sub>  | 2001 08 22 | 704 | LINEAR                     | (190809) | 2001 RY <sub>104</sub> | 2001 09 12 | 704 | LINEAR          |
| (190758) | 2001 QH <sub>96</sub>  | 2001 08 22 | 704 | LINEAR                     | (190810) | 2001 RE <sub>111</sub> | 2001 09 12 | 704 | LINEAR          |
| (190759) | 2001 QC <sub>112</sub> | 2001 08 24 | 704 | LINEAR                     | (190811) | 2001 RM <sub>113</sub> | 2001 09 12 | 704 | LINEAR          |
| (190760) | 2001 QG <sub>116</sub> | 2001 08 17 | 704 | LINEAR                     | (190812) | 2001 RU <sub>114</sub> | 2001 09 12 | 704 | LINEAR          |
| (190761) | 2001 QX <sub>130</sub> | 2001 08 20 | 704 | LINEAR                     | (190813) | 2001 RZ <sub>122</sub> | 2001 09 12 | 704 | LINEAR          |
| (190762) | 2001 QO <sub>134</sub> | 2001 08 22 | 704 | LINEAR                     | (190814) | 2001 RZ <sub>125</sub> | 2001 09 12 | 704 | LINEAR          |
| (190763) | 2001 QU <sub>135</sub> | 2001 08 22 | 704 | LINEAR                     | (190815) | 2001 RU <sub>135</sub> | 2001 09 12 | 704 | LINEAR          |
| (190764) | 2001 QN <sub>137</sub> | 2001 08 22 | 704 | LINEAR                     | (190816) | 2001 RO <sub>142</sub> | 2001 09 10 | 644 | NEAT            |
| (190765) | 2001 QE <sub>150</sub> | 2001 08 25 | 644 | NEAT                       | (190817) | 2001 RC <sub>155</sub> | 2001 09 12 | 704 | LINEAR          |
| (190766) | 2001 QU <sub>154</sub> | 2001 08 23 | 699 | LONEOS                     | (190818) | 2001 SR <sub>2</sub>   | 2001 09 17 | 333 | Yeung, W. K. Y. |
| (190767) | 2001 QV <sub>158</sub> | 2001 08 23 | 699 | LONEOS                     | (190819) | 2001 SP <sub>14</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190768) | 2001 QV <sub>167</sub> | 2001 08 24 | 608 | NEAT                       | (190820) | 2001 SY <sub>14</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190769) | 2001 QJ <sub>196</sub> | 2001 08 22 | 704 | LINEAR                     | (190821) | 2001 SJ <sub>16</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190770) | 2001 QA <sub>205</sub> | 2001 08 23 | 699 | LONEOS                     | (190822) | 2001 SE <sub>22</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190771) | 2001 QZ <sub>207</sub> | 2001 08 23 | 699 | LONEOS                     | (190823) | 2001 ST <sub>22</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190772) | 2001 QJ <sub>222</sub> | 2001 08 24 | 699 | LONEOS                     | (190824) | 2001 SD <sub>23</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190773) | 2001 QL <sub>236</sub> | 2001 08 24 | 704 | LINEAR                     | (190825) | 2001 SL <sub>24</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190774) | 2001 QL <sub>240</sub> | 2001 08 24 | 704 | LINEAR                     | (190826) | 2001 SH <sub>34</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190775) | 2001 QK <sub>241</sub> | 2001 08 24 | 704 | LINEAR                     | (190827) | 2001 SJ <sub>39</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190776) | 2001 QY <sub>247</sub> | 2001 08 24 | 704 | LINEAR                     | (190828) | 2001 SJ <sub>47</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190777) | 2001 QK <sub>249</sub> | 2001 08 24 | 704 | LINEAR                     | (190829) | 2001 SK <sub>48</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190778) | 2001 QD <sub>260</sub> | 2001 08 25 | 704 | LINEAR                     | (190830) | 2001 SZ <sub>56</sub>  | 2001 09 16 | 704 | LINEAR          |
| (190779) | 2001 QL <sub>276</sub> | 2001 08 19 | 704 | LINEAR                     | (190831) | 2001 SX <sub>65</sub>  | 2001 09 17 | 704 | LINEAR          |
| (190780) | 2001 QA <sub>279</sub> | 2001 08 19 | 704 | LINEAR                     | (190832) | 2001 SX <sub>67</sub>  | 2001 09 17 | 704 | LINEAR          |
| (190781) | 2001 QO <sub>285</sub> | 2001 08 23 | 608 | NEAT                       | (190833) | 2001 SY <sub>71</sub>  | 2001 09 17 | 704 | LINEAR          |

|          |                        |            |     |                 |          |                        |            |     |                 |
|----------|------------------------|------------|-----|-----------------|----------|------------------------|------------|-----|-----------------|
| (190834) | 2001 SD <sub>72</sub>  | 2001 09 17 | 704 | LINEAR          | (190886) | 2001 TD <sub>201</sub> | 2001 10 11 | 704 | LINEAR          |
| (190835) | 2001 SD <sub>75</sub>  | 2001 09 19 | 699 | LONEOS          | (190887) | 2001 TB <sub>212</sub> | 2001 10 13 | 704 | LINEAR          |
| (190836) | 2001 SP <sub>80</sub>  | 2001 09 20 | 704 | LINEAR          | (190888) | 2001 TO <sub>216</sub> | 2001 10 13 | 644 | NEAT            |
| (190837) | 2001 ST <sub>90</sub>  | 2001 09 20 | 704 | LINEAR          | (190889) | 2001 TA <sub>219</sub> | 2001 10 14 | 699 | LONEOS          |
| (190838) | 2001 SE <sub>101</sub> | 2001 09 20 | 704 | LINEAR          | (190890) | 2001 TB <sub>241</sub> | 2001 10 15 | 704 | LINEAR          |
| (190839) | 2001 SE <sub>104</sub> | 2001 09 20 | 704 | LINEAR          | (190891) | 2001 UU <sub>1</sub>   | 2001 10 16 | 704 | LINEAR          |
| (190840) | 2001 SA <sub>105</sub> | 2001 09 20 | 704 | LINEAR          | (190892) | 2001 UA <sub>4</sub>   | 2001 10 17 | 333 | Yeung, W. K. Y. |
| (190841) | 2001 SO <sub>105</sub> | 2001 09 20 | 704 | LINEAR          | (190893) | 2001 UW <sub>5</sub>   | 2001 10 21 | 333 | Yeung, W. K. Y. |
| (190842) | 2001 SS <sub>106</sub> | 2001 09 20 | 704 | LINEAR          | (190894) | 2001 UW <sub>8</sub>   | 2001 10 17 | 704 | LINEAR          |
| (190843) | 2001 SM <sub>114</sub> | 2001 09 20 | 333 | Yeung, W. K. Y. | (190895) | 2001 UO <sub>9</sub>   | 2001 10 17 | 704 | LINEAR          |
| (190844) | 2001 ST <sub>123</sub> | 2001 09 16 | 704 | LINEAR          | (190896) | 2001 UG <sub>21</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190845) | 2001 SY <sub>130</sub> | 2001 09 16 | 704 | LINEAR          | (190897) | 2001 UH <sub>24</sub>  | 2001 10 18 | 704 | LINEAR          |
| (190846) | 2001 SP <sub>132</sub> | 2001 09 16 | 704 | LINEAR          | (190898) | 2001 UH <sub>31</sub>  | 2001 10 16 | 704 | LINEAR          |
| (190847) | 2001 SX <sub>136</sub> | 2001 09 16 | 704 | LINEAR          | (190899) | 2001 UO <sub>40</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190848) | 2001 SS <sub>143</sub> | 2001 09 16 | 704 | LINEAR          | (190900) | 2001 UW <sub>44</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190849) | 2001 SS <sub>153</sub> | 2001 09 17 | 704 | LINEAR          | (190901) | 2001 UX <sub>54</sub>  | 2001 10 16 | 704 | LINEAR          |
| (190850) | 2001 SL <sub>161</sub> | 2001 09 17 | 704 | LINEAR          | (190902) | 2001 UC <sub>60</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190851) | 2001 SR <sub>172</sub> | 2001 09 16 | 704 | LINEAR          | (190903) | 2001 UN <sub>73</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190852) | 2001 SB <sub>188</sub> | 2001 09 19 | 704 | LINEAR          | (190904) | 2001 UQ <sub>78</sub>  | 2001 10 20 | 704 | LINEAR          |
| (190853) | 2001 SB <sub>194</sub> | 2001 09 19 | 704 | LINEAR          | (190905) | 2001 UX <sub>78</sub>  | 2001 10 20 | 704 | LINEAR          |
| (190854) | 2001 SQ <sub>200</sub> | 2001 09 19 | 704 | LINEAR          | (190906) | 2001 UN <sub>83</sub>  | 2001 10 20 | 704 | LINEAR          |
| (190855) | 2001 SA <sub>204</sub> | 2001 09 19 | 704 | LINEAR          | (190907) | 2001 UD <sub>87</sub>  | 2001 10 18 | 691 | Spacewatch      |
| (190856) | 2001 SZ <sub>231</sub> | 2001 09 19 | 704 | LINEAR          | (190908) | 2001 US <sub>91</sub>  | 2001 10 18 | 644 | NEAT            |
| (190857) | 2001 SW <sub>265</sub> | 2001 09 25 | 333 | Yeung, W. K. Y. | (190909) | 2001 UT <sub>98</sub>  | 2001 10 17 | 704 | LINEAR          |
| (190858) | 2001 SP <sub>271</sub> | 2001 09 20 | 704 | LINEAR          | (190910) | 2001 UC <sub>105</sub> | 2001 10 20 | 704 | LINEAR          |
| (190859) | 2001 SE <sub>278</sub> | 2001 09 21 | 699 | LONEOS          | (190911) | 2001 UR <sub>113</sub> | 2001 10 22 | 704 | LINEAR          |
| (190860) | 2001 SZ <sub>278</sub> | 2001 09 21 | 699 | LONEOS          | (190912) | 2001 UW <sub>113</sub> | 2001 10 22 | 704 | LINEAR          |
| (190861) | 2001 SC <sub>280</sub> | 2001 09 21 | 699 | LONEOS          | (190913) | 2001 UQ <sub>118</sub> | 2001 10 22 | 704 | LINEAR          |
| (190862) | 2001 SK <sub>280</sub> | 2001 09 21 | 699 | LONEOS          | (190914) | 2001 UG <sub>119</sub> | 2001 10 22 | 704 | LINEAR          |
| (190863) | 2001 SS <sub>280</sub> | 2001 09 21 | 699 | LONEOS          | (190915) | 2001 UO <sub>119</sub> | 2001 10 22 | 704 | LINEAR          |
| (190864) | 2001 SE <sub>326</sub> | 2001 09 17 | 291 | Spacewatch      | (190916) | 2001 UD <sub>123</sub> | 2001 10 22 | 704 | LINEAR          |
| (190865) | 2001 TA <sub>19</sub>  | 2001 10 10 | 644 | NEAT            | (190917) | 2001 US <sub>126</sub> | 2001 10 17 | 704 | LINEAR          |
| (190866) | 2001 TX <sub>45</sub>  | 2001 10 09 | 691 | Spacewatch      | (190918) | 2001 UD <sub>139</sub> | 2001 10 23 | 704 | LINEAR          |
| (190867) | 2001 TT <sub>48</sub>  | 2001 10 14 | 704 | LINEAR          | (190919) | 2001 UP <sub>142</sub> | 2001 10 23 | 704 | LINEAR          |
| (190868) | 2001 TF <sub>50</sub>  | 2001 10 13 | 704 | LINEAR          | (190920) | 2001 UU <sub>144</sub> | 2001 10 23 | 704 | LINEAR          |
| (190869) | 2001 TB <sub>56</sub>  | 2001 10 15 | 704 | LINEAR          | (190921) | 2001 UT <sub>151</sub> | 2001 10 23 | 704 | LINEAR          |
| (190870) | 2001 TA <sub>68</sub>  | 2001 10 13 | 704 | LINEAR          | (190922) | 2001 UC <sub>154</sub> | 2001 10 23 | 704 | LINEAR          |
| (190871) | 2001 TK <sub>74</sub>  | 2001 10 13 | 704 | LINEAR          | (190923) | 2001 UD <sub>158</sub> | 2001 10 23 | 704 | LINEAR          |
| (190872) | 2001 TL <sub>82</sub>  | 2001 10 14 | 704 | LINEAR          | (190924) | 2001 UW <sub>158</sub> | 2001 10 23 | 704 | LINEAR          |
| (190873) | 2001 TQ <sub>86</sub>  | 2001 10 14 | 704 | LINEAR          | (190925) | 2001 UF <sub>188</sub> | 2001 10 17 | 704 | LINEAR          |
| (190874) | 2001 TR <sub>96</sub>  | 2001 10 14 | 704 | LINEAR          | (190926) | 2001 UK <sub>197</sub> | 2001 10 19 | 644 | NEAT            |
| (190875) | 2001 TR <sub>113</sub> | 2001 10 14 | 704 | LINEAR          | (190927) | 2001 US <sub>206</sub> | 2001 10 20 | 704 | LINEAR          |
| (190876) | 2001 TW <sub>113</sub> | 2001 10 14 | 704 | LINEAR          | (190928) | 2001 UL <sub>211</sub> | 2001 10 21 | 704 | LINEAR          |
| (190877) | 2001 TW <sub>130</sub> | 2001 10 10 | 644 | NEAT            | (190929) | 2001 VV <sub>3</sub>   | 2001 11 11 | 691 | Spacewatch      |
| (190878) | 2001 TY <sub>134</sub> | 2001 10 13 | 644 | NEAT            | (190930) | 2001 VF <sub>5</sub>   | 2001 11 10 | 300 | BATTeRS         |
| (190879) | 2001 TK <sub>136</sub> | 2001 10 14 | 644 | NEAT            | (190931) | 2001 VS <sub>5</sub>   | 2001 11 09 | 704 | LINEAR          |
| (190880) | 2001 TH <sub>162</sub> | 2001 10 11 | 644 | NEAT            | (190932) | 2001 VX <sub>6</sub>   | 2001 11 09 | 704 | LINEAR          |
| (190881) | 2001 TF <sub>168</sub> | 2001 10 15 | 704 | LINEAR          | (190933) | 2001 VY <sub>12</sub>  | 2001 11 10 | 704 | LINEAR          |
| (190882) | 2001 TT <sub>169</sub> | 2001 10 15 | 704 | LINEAR          | (190934) | 2001 VT <sub>18</sub>  | 2001 11 09 | 704 | LINEAR          |
| (190883) | 2001 TT <sub>183</sub> | 2001 10 14 | 704 | LINEAR          | (190935) | 2001 VH <sub>22</sub>  | 2001 11 09 | 704 | LINEAR          |
| (190884) | 2001 TT <sub>184</sub> | 2001 10 14 | 704 | LINEAR          | (190936) | 2001 VZ <sub>25</sub>  | 2001 11 09 | 704 | LINEAR          |
| (190885) | 2001 TQ <sub>189</sub> | 2001 10 14 | 704 | LINEAR          | (190937) | 2001 VT <sub>29</sub>  | 2001 11 09 | 704 | LINEAR          |

|          |                        |            |     |              |          |                        |            |     |                 |
|----------|------------------------|------------|-----|--------------|----------|------------------------|------------|-----|-----------------|
| (190938) | 2001 VA <sub>32</sub>  | 2001 11 09 | 704 | LINEAR       | (190990) | 2001 XL <sub>223</sub> | 2001 12 15 | 704 | LINEAR          |
| (190939) | 2001 VD <sub>33</sub>  | 2001 11 09 | 704 | LINEAR       | (190991) | 2001 XQ <sub>238</sub> | 2001 12 15 | 704 | LINEAR          |
| (190940) | 2001 VF <sub>36</sub>  | 2001 11 09 | 704 | LINEAR       | (190992) | 2001 XH <sub>239</sub> | 2001 12 15 | 704 | LINEAR          |
| (190941) | 2001 VA <sub>39</sub>  | 2001 11 09 | 704 | LINEAR       | (190993) | 2001 XO <sub>241</sub> | 2001 12 14 | 704 | LINEAR          |
| (190942) | 2001 VP <sub>40</sub>  | 2001 11 09 | 704 | LINEAR       | (190994) | 2001 XN <sub>249</sub> | 2001 12 14 | 704 | LINEAR          |
| (190943) | 2001 VB <sub>41</sub>  | 2001 11 09 | 704 | LINEAR       | (190995) | 2001 YP                | 2001 12 18 | 732 | Roe, J. M.      |
| (190944) | 2001 VH <sub>45</sub>  | 2001 11 09 | 704 | LINEAR       | (190996) | 2001 YY <sub>10</sub>  | 2001 12 17 | 704 | LINEAR          |
| (190945) | 2001 VC <sub>47</sub>  | 2001 11 09 | 704 | LINEAR       | (190997) | 2001 YD <sub>15</sub>  | 2001 12 17 | 704 | LINEAR          |
| (190946) | 2001 VS <sub>49</sub>  | 2001 11 10 | 704 | LINEAR       | (190998) | 2001 YC <sub>18</sub>  | 2001 12 17 | 704 | LINEAR          |
| (190947) | 2001 VK <sub>52</sub>  | 2001 11 10 | 704 | LINEAR       | (190999) | 2001 YV <sub>22</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190948) | 2001 VT <sub>55</sub>  | 2001 11 10 | 704 | LINEAR       | (191000) | 2001 YV <sub>27</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190949) | 2001 VL <sub>59</sub>  | 2001 11 10 | 704 | LINEAR       | (191001) | 2001 YP <sub>53</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190950) | 2001 VM <sub>62</sub>  | 2001 11 10 | 704 | LINEAR       | (191002) | 2001 YV <sub>67</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190951) | 2001 VU <sub>62</sub>  | 2001 11 10 | 704 | LINEAR       | (191003) | 2001 YW <sub>85</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190952) | 2001 VV <sub>63</sub>  | 2001 11 10 | 704 | LINEAR       | (191004) | 2001 YQ <sub>87</sub>  | 2001 12 18 | 704 | LINEAR          |
| (190953) | 2001 VD <sub>114</sub> | 2001 11 12 | 704 | LINEAR       | (191005) | 2001 YB <sub>95</sub>  | 2001 12 18 | 644 | NEAT            |
| (190954) | 2001 VZ <sub>114</sub> | 2001 11 12 | 704 | LINEAR       | (191006) | 2001 YE <sub>109</sub> | 2001 12 18 | 704 | LINEAR          |
| (190955) | 2001 VU <sub>118</sub> | 2001 11 12 | 704 | LINEAR       | (191007) | 2001 YF <sub>111</sub> | 2001 12 19 | 704 | LINEAR          |
| (190956) | 2001 VC <sub>119</sub> | 2001 11 12 | 704 | LINEAR       | (191008) | 2001 YG <sub>122</sub> | 2001 12 17 | 704 | LINEAR          |
| (190957) | 2001 VB <sub>125</sub> | 2001 11 11 | 704 | LINEAR       | (191009) | 2001 YS <sub>132</sub> | 2001 12 20 | 704 | LINEAR          |
| (190958) | 2001 WZ <sub>8</sub>   | 2001 11 17 | 704 | LINEAR       | (191010) | 2002 AO <sub>10</sub>  | 2002 01 05 | 608 | NEAT            |
| (190959) | 2001 WX <sub>9</sub>   | 2001 11 17 | 704 | LINEAR       | (191011) | 2002 AM <sub>15</sub>  | 2002 01 06 | 704 | LINEAR          |
| (190960) | 2001 WP <sub>20</sub>  | 2001 11 17 | 704 | LINEAR       | (191012) | 2002 AZ <sub>29</sub>  | 2002 01 08 | 704 | LINEAR          |
| (190961) | 2001 WB <sub>39</sub>  | 2001 11 17 | 704 | LINEAR       | (191013) | 2002 AF <sub>45</sub>  | 2002 01 09 | 704 | LINEAR          |
| (190962) | 2001 WX <sub>44</sub>  | 2001 11 18 | 704 | LINEAR       | (191014) | 2002 AY <sub>45</sub>  | 2002 01 09 | 704 | LINEAR          |
| (190963) | 2001 WD <sub>48</sub>  | 2001 11 19 | 699 | LONEOS       | (191015) | 2002 AQ <sub>51</sub>  | 2002 01 09 | 704 | LINEAR          |
| (190964) | 2001 XC                | 2001 12 02 | 850 | Durig, D. T. | (191016) | 2002 AX <sub>63</sub>  | 2002 01 11 | 704 | LINEAR          |
| (190965) | 2001 XF <sub>5</sub>   | 2001 12 05 | 608 | NEAT         | (191017) | 2002 AM <sub>76</sub>  | 2002 01 08 | 704 | LINEAR          |
| (190966) | 2001 XT <sub>15</sub>  | 2001 12 10 | 704 | LINEAR       | (191018) | 2002 AU <sub>82</sub>  | 2002 01 09 | 704 | LINEAR          |
| (190967) | 2001 XW <sub>33</sub>  | 2001 12 07 | 704 | LINEAR       | (191019) | 2002 AG <sub>90</sub>  | 2002 01 11 | 704 | LINEAR          |
| (190968) | 2001 XZ <sub>35</sub>  | 2001 12 09 | 704 | LINEAR       | (191020) | 2002 AR <sub>93</sub>  | 2002 01 08 | 704 | LINEAR          |
| (190969) | 2001 XF <sub>38</sub>  | 2001 12 09 | 704 | LINEAR       | (191021) | 2002 AV <sub>104</sub> | 2002 01 09 | 704 | LINEAR          |
| (190970) | 2001 XS <sub>41</sub>  | 2001 12 09 | 704 | LINEAR       | (191022) | 2002 AL <sub>110</sub> | 2002 01 09 | 704 | LINEAR          |
| (190971) | 2001 XY <sub>51</sub>  | 2001 12 10 | 704 | LINEAR       | (191023) | 2002 AZ <sub>111</sub> | 2002 01 09 | 704 | LINEAR          |
| (190972) | 2001 XD <sub>63</sub>  | 2001 12 10 | 704 | LINEAR       | (191024) | 2002 AF <sub>139</sub> | 2002 01 09 | 704 | LINEAR          |
| (190973) | 2001 XR <sub>77</sub>  | 2001 12 11 | 704 | LINEAR       | (191025) | 2002 AC <sub>149</sub> | 2002 01 14 | 704 | LINEAR          |
| (190974) | 2001 XA <sub>79</sub>  | 2001 12 11 | 704 | LINEAR       | (191026) | 2002 AW <sub>159</sub> | 2002 01 13 | 704 | LINEAR          |
| (190975) | 2001 XQ <sub>93</sub>  | 2001 12 10 | 704 | LINEAR       | (191027) | 2002 AJ <sub>160</sub> | 2002 01 13 | 704 | LINEAR          |
| (190976) | 2001 XU <sub>95</sub>  | 2001 12 10 | 704 | LINEAR       | (191028) | 2002 AS <sub>168</sub> | 2002 01 14 | 704 | LINEAR          |
| (190977) | 2001 XO <sub>98</sub>  | 2001 12 10 | 704 | LINEAR       | (191029) | 2002 BR                | 2002 01 21 | 333 | Yeung, W. K. Y. |
| (190978) | 2001 XD <sub>101</sub> | 2001 12 10 | 704 | LINEAR       | (191030) | 2002 BD <sub>2</sub>   | 2002 01 21 | 704 | LINEAR          |
| (190979) | 2001 XQ <sub>144</sub> | 2001 12 14 | 704 | LINEAR       | (191031) | 2002 BH <sub>14</sub>  | 2002 01 19 | 704 | LINEAR          |
| (190980) | 2001 XY <sub>149</sub> | 2001 12 14 | 704 | LINEAR       | (191032) | 2002 BR <sub>16</sub>  | 2002 01 19 | 704 | LINEAR          |
| (190981) | 2001 XQ <sub>150</sub> | 2001 12 14 | 704 | LINEAR       | (191033) | 2002 BW <sub>21</sub>  | 2002 01 19 | 704 | LINEAR          |
| (190982) | 2001 XL <sub>151</sub> | 2001 12 14 | 704 | LINEAR       | (191034) | 2002 BV <sub>26</sub>  | 2002 01 18 | 699 | LONEOS          |
| (190983) | 2001 XA <sub>172</sub> | 2001 12 14 | 704 | LINEAR       | (191035) | 2002 CR <sub>9</sub>   | 2002 02 06 | 704 | LINEAR          |
| (190984) | 2001 XM <sub>173</sub> | 2001 12 14 | 704 | LINEAR       | (191036) | 2002 CG <sub>19</sub>  | 2002 02 04 | 644 | NEAT            |
| (190985) | 2001 XB <sub>177</sub> | 2001 12 14 | 704 | LINEAR       | (191037) | 2002 CK <sub>19</sub>  | 2002 02 04 | 644 | NEAT            |
| (190986) | 2001 XR <sub>189</sub> | 2001 12 14 | 704 | LINEAR       | (191038) | 2002 CD <sub>21</sub>  | 2002 02 04 | 608 | NEAT            |
| (190987) | 2001 XG <sub>203</sub> | 2001 12 11 | 704 | LINEAR       | (191039) | 2002 CV <sub>24</sub>  | 2002 02 06 | 608 | NEAT            |
| (190988) | 2001 XD <sub>215</sub> | 2001 12 13 | 704 | LINEAR       | (191040) | 2002 CU <sub>25</sub>  | 2002 02 10 | 704 | LINEAR          |
| (190989) | 2001 XC <sub>223</sub> | 2001 12 15 | 704 | LINEAR       | (191041) | 2002 CY <sub>27</sub>  | 2002 02 06 | 704 | LINEAR          |

|          |                        |            |     |                 |          |                        |            |     |                 |
|----------|------------------------|------------|-----|-----------------|----------|------------------------|------------|-----|-----------------|
| (191042) | 2002 CE <sub>30</sub>  | 2002 02 06 | 704 | LINEAR          | (191094) | 2002 EA <sub>3</sub>   | 2002 03 09 | 704 | LINEAR          |
| (191043) | 2002 CP <sub>31</sub>  | 2002 02 06 | 704 | LINEAR          | (191095) | 2002 ER <sub>5</sub>   | 2002 03 09 | 704 | LINEAR          |
| (191044) | 2002 CQ <sub>31</sub>  | 2002 02 06 | 704 | LINEAR          | (191096) | 2002 EO <sub>6</sub>   | 2002 03 06 | 413 | McNaught, R. H. |
| (191045) | 2002 CG <sub>32</sub>  | 2002 02 06 | 704 | LINEAR          | (191097) | 2002 EJ <sub>10</sub>  | 2002 03 14 | 644 | NEAT            |
| (191046) | 2002 CN <sub>39</sub>  | 2002 02 11 | 333 | Yeung, W. K. Y. | (191098) | 2002 EK <sub>11</sub>  | 2002 03 13 | 644 | NEAT            |
| (191047) | 2002 CS <sub>42</sub>  | 2002 02 07 | 608 | NEAT            | (191099) | 2002 EQ <sub>11</sub>  | 2002 03 14 | 704 | LINEAR          |
| (191048) | 2002 CM <sub>55</sub>  | 2002 02 07 | 704 | LINEAR          | (191100) | 2002 EH <sub>14</sub>  | 2002 03 05 | 608 | NEAT            |
| (191049) | 2002 CE <sub>56</sub>  | 2002 02 07 | 704 | LINEAR          | (191101) | 2002 EO <sub>14</sub>  | 2002 03 06 | 644 | NEAT            |
| (191050) | 2002 CE <sub>64</sub>  | 2002 02 06 | 704 | LINEAR          | (191102) | 2002 EW <sub>14</sub>  | 2002 03 05 | 291 | Spacewatch      |
| (191051) | 2002 CK <sub>64</sub>  | 2002 02 06 | 704 | LINEAR          | (191103) | 2002 EF <sub>42</sub>  | 2002 03 12 | 704 | LINEAR          |
| (191052) | 2002 CC <sub>70</sub>  | 2002 02 07 | 704 | LINEAR          | (191104) | 2002 ET <sub>44</sub>  | 2002 03 10 | 608 | NEAT            |
| (191053) | 2002 CS <sub>72</sub>  | 2002 02 07 | 704 | LINEAR          | (191105) | 2002 EM <sub>48</sub>  | 2002 03 12 | 644 | NEAT            |
| (191054) | 2002 CZ <sub>80</sub>  | 2002 02 07 | 704 | LINEAR          | (191106) | 2002 ED <sub>56</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191055) | 2002 CC <sub>81</sub>  | 2002 02 07 | 704 | LINEAR          | (191107) | 2002 ER <sub>57</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191056) | 2002 CL <sub>98</sub>  | 2002 02 07 | 704 | LINEAR          | (191108) | 2002 EX <sub>58</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191057) | 2002 CD <sub>100</sub> | 2002 02 07 | 704 | LINEAR          | (191109) | 2002 EW <sub>62</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191058) | 2002 CO <sub>105</sub> | 2002 02 07 | 704 | LINEAR          | (191110) | 2002 EG <sub>67</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191059) | 2002 CM <sub>108</sub> | 2002 02 07 | 704 | LINEAR          | (191111) | 2002 EU <sub>71</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191060) | 2002 CT <sub>111</sub> | 2002 02 07 | 704 | LINEAR          | (191112) | 2002 EE <sub>72</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191061) | 2002 CM <sub>118</sub> | 2002 02 07 | 691 | Spacewatch      | (191113) | 2002 EY <sub>73</sub>  | 2002 03 13 | 704 | LINEAR          |
| (191062) | 2002 CD <sub>131</sub> | 2002 02 07 | 704 | LINEAR          | (191114) | 2002 EB <sub>81</sub>  | 2002 03 13 | 644 | NEAT            |
| (191063) | 2002 CJ <sub>137</sub> | 2002 02 08 | 704 | LINEAR          | (191115) | 2002 ES <sub>83</sub>  | 2002 03 09 | 704 | LINEAR          |
| (191064) | 2002 CL <sub>138</sub> | 2002 02 08 | 704 | LINEAR          | (191116) | 2002 ES <sub>84</sub>  | 2002 03 09 | 704 | LINEAR          |
| (191065) | 2002 CA <sub>139</sub> | 2002 02 08 | 704 | LINEAR          | (191117) | 2002 EG <sub>90</sub>  | 2002 03 12 | 704 | LINEAR          |
| (191066) | 2002 CO <sub>143</sub> | 2002 02 09 | 704 | LINEAR          | (191118) | 2002 EE <sub>93</sub>  | 2002 03 14 | 704 | LINEAR          |
| (191067) | 2002 CJ <sub>149</sub> | 2002 02 10 | 704 | LINEAR          | (191119) | 2002 EY <sub>93</sub>  | 2002 03 14 | 704 | LINEAR          |
| (191068) | 2002 CL <sub>149</sub> | 2002 02 10 | 704 | LINEAR          | (191120) | 2002 EZ <sub>130</sub> | 2002 03 12 | 644 | NEAT            |
| (191069) | 2002 CA <sub>151</sub> | 2002 02 10 | 704 | LINEAR          | (191121) | 2002 EF <sub>131</sub> | 2002 03 13 | 704 | LINEAR          |
| (191070) | 2002 CC <sub>151</sub> | 2002 02 10 | 704 | LINEAR          | (191122) | 2002 EU <sub>131</sub> | 2002 03 13 | 691 | Spacewatch      |
| (191071) | 2002 CJ <sub>155</sub> | 2002 02 06 | 704 | LINEAR          | (191123) | 2002 EB <sub>135</sub> | 2002 03 13 | 644 | NEAT            |
| (191072) | 2002 CT <sub>177</sub> | 2002 02 10 | 704 | LINEAR          | (191124) | 2002 EL <sub>137</sub> | 2002 03 12 | 644 | NEAT            |
| (191073) | 2002 CZ <sub>203</sub> | 2002 02 10 | 704 | LINEAR          | (191125) | 2002 EG <sub>138</sub> | 2002 03 12 | 644 | NEAT            |
| (191074) | 2002 CP <sub>204</sub> | 2002 02 10 | 704 | LINEAR          | (191126) | 2002 EU <sub>138</sub> | 2002 03 12 | 644 | NEAT            |
| (191075) | 2002 CM <sub>208</sub> | 2002 02 10 | 704 | LINEAR          | (191127) | 2002 FC <sub>1</sub>   | 2002 03 18 | 333 | Yeung, W. K. Y. |
| (191076) | 2002 CE <sub>209</sub> | 2002 02 10 | 704 | LINEAR          | (191128) | 2002 FM <sub>2</sub>   | 2002 03 19 | 333 | Yeung, W. K. Y. |
| (191077) | 2002 CA <sub>210</sub> | 2002 02 10 | 704 | LINEAR          | (191129) | 2002 FP <sub>10</sub>  | 2002 03 17 | 704 | LINEAR          |
| (191078) | 2002 CE <sub>216</sub> | 2002 02 10 | 704 | LINEAR          | (191130) | 2002 FE <sub>35</sub>  | 2002 03 20 | 704 | LINEAR          |
| (191079) | 2002 CN <sub>220</sub> | 2002 02 10 | 704 | LINEAR          | (191131) | 2002 GH <sub>5</sub>   | 2002 04 10 | 704 | LINEAR          |
| (191080) | 2002 CS <sub>227</sub> | 2002 02 06 | 644 | NEAT            | (191132) | 2002 GK <sub>23</sub>  | 2002 04 15 | 644 | NEAT            |
| (191081) | 2002 CX <sub>231</sub> | 2002 02 06 | 704 | LINEAR          | (191133) | 2002 GF <sub>33</sub>  | 2002 04 01 | 699 | LONEOS          |
| (191082) | 2002 CO <sub>245</sub> | 2002 02 13 | 691 | Spacewatch      | (191134) | 2002 GH <sub>33</sub>  | 2002 04 01 | 699 | LONEOS          |
| (191083) | 2002 CR <sub>248</sub> | 2002 02 14 | 608 | NEAT            | (191135) | 2002 GG <sub>43</sub>  | 2002 04 04 | 644 | NEAT            |
| (191084) | 2002 CE <sub>249</sub> | 2002 02 14 | 291 | Spacewatch      | (191136) | 2002 GC <sub>45</sub>  | 2002 04 04 | 644 | NEAT            |
| (191085) | 2002 CX <sub>273</sub> | 2002 02 08 | 291 | Spacewatch      | (191137) | 2002 GT <sub>56</sub>  | 2002 04 05 | 644 | NEAT            |
| (191086) | 2002 CB <sub>280</sub> | 2002 02 07 | 644 | NEAT            | (191138) | 2002 GX <sub>70</sub>  | 2002 04 08 | 621 | Bickel, W.      |
| (191087) | 2002 CK <sub>281</sub> | 2002 02 08 | 291 | Spacewatch      | (191139) | 2002 GG <sub>76</sub>  | 2002 04 09 | 691 | Spacewatch      |
| (191088) | 2002 CP <sub>286</sub> | 2002 02 10 | 704 | LINEAR          | (191140) | 2002 GM <sub>86</sub>  | 2002 04 10 | 704 | LINEAR          |
| (191089) | 2002 CS <sub>291</sub> | 2002 02 10 | 704 | LINEAR          | (191141) | 2002 GP <sub>87</sub>  | 2002 04 10 | 704 | LINEAR          |
| (191090) | 2002 CS <sub>302</sub> | 2002 02 12 | 704 | LINEAR          | (191142) | 2002 GM <sub>102</sub> | 2002 04 10 | 704 | LINEAR          |
| (191091) | 2002 CU <sub>312</sub> | 2002 02 13 | 644 | NEAT            | (191143) | 2002 GS <sub>102</sub> | 2002 04 10 | 704 | LINEAR          |
| (191092) | 2002 CP <sub>314</sub> | 2002 02 11 | 704 | LINEAR          | (191144) | 2002 GH <sub>113</sub> | 2002 04 11 | 699 | LONEOS          |
| (191093) | 2002 EF                | 2002 03 03 | 143 | Sposetti, S.    | (191145) | 2002 GH <sub>119</sub> | 2002 04 12 | 644 | NEAT            |

|          |                        |            |     |        |          |                        |            |     |                              |
|----------|------------------------|------------|-----|--------|----------|------------------------|------------|-----|------------------------------|
| (191146) | 2002 GT <sub>128</sub> | 2002 04 12 | 704 | LINEAR | (191198) | 2002 PC <sub>47</sub>  | 2002 08 10 | 704 | LINEAR                       |
| (191147) | 2002 GS <sub>130</sub> | 2002 04 12 | 704 | LINEAR | (191199) | 2002 PO <sub>47</sub>  | 2002 08 10 | 704 | LINEAR                       |
| (191148) | 2002 GW <sub>140</sub> | 2002 04 13 | 644 | NEAT   | (191200) | 2002 PA <sub>70</sub>  | 2002 08 11 | 704 | LINEAR                       |
| (191149) | 2002 GO <sub>148</sub> | 2002 04 14 | 704 | LINEAR | (191201) | 2002 PN <sub>71</sub>  | 2002 08 12 | 704 | LINEAR                       |
| (191150) | 2002 GG <sub>149</sub> | 2002 04 14 | 644 | NEAT   | (191202) | 2002 PJ <sub>82</sub>  | 2002 08 09 | 704 | LINEAR                       |
| (191151) | 2002 GA <sub>173</sub> | 2002 04 10 | 704 | LINEAR | (191203) | 2002 PT <sub>94</sub>  | 2002 08 12 | 608 | NEAT                         |
| (191152) | 2002 HP <sub>2</sub>   | 2002 04 16 | 704 | LINEAR | (191204) | 2002 PN <sub>97</sub>  | 2002 08 14 | 704 | LINEAR                       |
| (191153) | 2002 HS <sub>4</sub>   | 2002 04 17 | 704 | LINEAR | (191205) | 2002 PS <sub>105</sub> | 2002 08 12 | 704 | LINEAR                       |
| (191154) | 2002 HA <sub>11</sub>  | 2002 04 18 | 608 | NEAT   | (191206) | 2002 PP <sub>109</sub> | 2002 08 13 | 699 | LONEOS                       |
| (191155) | 2002 JO <sub>36</sub>  | 2002 05 04 | 699 | LONEOS | (191207) | 2002 PH <sub>169</sub> | 2002 08 08 | 644 | NEAT                         |
| (191156) | 2002 JG <sub>38</sub>  | 2002 05 09 | 644 | NEAT   | (191208) | 2002 QU <sub>28</sub>  | 2002 08 29 | 644 | NEAT                         |
| (191157) | 2002 JH <sub>38</sub>  | 2002 05 09 | 644 | NEAT   | (191209) | 2002 QE <sub>32</sub>  | 2002 08 29 | 644 | NEAT                         |
| (191158) | 2002 JX <sub>43</sub>  | 2002 05 09 | 704 | LINEAR | (191210) | 2002 QR <sub>41</sub>  | 2002 08 29 | 644 | NEAT                         |
| (191159) | 2002 JG <sub>71</sub>  | 2002 05 08 | 704 | LINEAR | (191211) | 2002 QC <sub>58</sub>  | 2002 08 17 | 644 | Lowe, A.                     |
| (191160) | 2002 JV <sub>73</sub>  | 2002 05 08 | 704 | LINEAR | (191212) | 2002 QV <sub>116</sub> | 2002 08 29 | 644 | NEAT                         |
| (191161) | 2002 JY <sub>86</sub>  | 2002 05 11 | 704 | LINEAR | (191213) | 2002 RA <sub>1</sub>   | 2002 09 02 | 433 | Crawford, G.                 |
| (191162) | 2002 JN <sub>122</sub> | 2002 05 06 | 704 | LINEAR | (191214) | 2002 RO <sub>30</sub>  | 2002 09 04 | 699 | LONEOS                       |
| (191163) | 2002 JN <sub>125</sub> | 2002 05 07 | 644 | NEAT   | (191215) | 2002 RA <sub>39</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191164) | 2002 JD <sub>148</sub> | 2002 05 08 | 699 | LONEOS | (191216) | 2002 RJ <sub>40</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191165) | 2002 JR <sub>148</sub> | 2002 05 09 | 644 | NEAT   | (191217) | 2002 RX <sub>43</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191166) | 2002 KQ <sub>2</sub>   | 2002 05 18 | 644 | NEAT   | (191218) | 2002 RY <sub>50</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191167) | 2002 LK <sub>6</sub>   | 2002 06 01 | 704 | LINEAR | (191219) | 2002 RC <sub>71</sub>  | 2002 09 04 | 644 | NEAT                         |
| (191168) | 2002 LX <sub>29</sub>  | 2002 06 09 | 608 | NEAT   | (191220) | 2002 RU <sub>74</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191169) | 2002 LJ <sub>36</sub>  | 2002 06 09 | 704 | LINEAR | (191221) | 2002 RL <sub>85</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191170) | 2002 MF <sub>3</sub>   | 2002 06 19 | 704 | LINEAR | (191222) | 2002 RY <sub>88</sub>  | 2002 09 05 | 704 | LINEAR                       |
| (191171) | 2002 MF <sub>5</sub>   | 2002 06 16 | 644 | NEAT   | (191223) | 2002 RK <sub>124</sub> | 2002 09 09 | 644 | NEAT                         |
| (191172) | 2002 MH <sub>5</sub>   | 2002 06 20 | 644 | NEAT   | (191224) | 2002 RK <sub>146</sub> | 2002 09 11 | 644 | NEAT                         |
| (191173) | 2002 ND <sub>11</sub>  | 2002 07 04 | 644 | NEAT   | (191225) | 2002 RN <sub>150</sub> | 2002 09 11 | 608 | NEAT                         |
| (191174) | 2002 NF <sub>12</sub>  | 2002 07 04 | 644 | NEAT   | (191226) | 2002 RC <sub>170</sub> | 2002 09 13 | 644 | NEAT                         |
| (191175) | 2002 NT <sub>21</sub>  | 2002 07 09 | 704 | LINEAR | (191227) | 2002 RA <sub>239</sub> | 2002 09 01 | 608 | Matson, R.                   |
| (191176) | 2002 NA <sub>32</sub>  | 2002 07 13 | 704 | LINEAR | (191228) | 2002 RN <sub>242</sub> | 2002 09 03 | 735 | Dellinger, J., Dillon, W. G. |
| (191177) | 2002 NX <sub>35</sub>  | 2002 07 09 | 704 | LINEAR | (191229) | 2002 RQ <sub>246</sub> | 2002 09 15 | 644 | NEAT                         |
| (191178) | 2002 NS <sub>36</sub>  | 2002 07 09 | 704 | LINEAR | (191230) | 2002 SG <sub>1</sub>   | 2002 09 26 | 608 | NEAT                         |
| (191179) | 2002 NR <sub>43</sub>  | 2002 07 15 | 644 | NEAT   | (191231) | 2002 SR <sub>6</sub>   | 2002 09 27 | 644 | NEAT                         |
| (191180) | 2002 NA <sub>47</sub>  | 2002 07 12 | 644 | NEAT   | (191232) | 2002 SL <sub>18</sub>  | 2002 09 26 | 704 | LINEAR                       |
| (191181) | 2002 NZ <sub>52</sub>  | 2002 07 14 | 644 | NEAT   | (191233) | 2002 SX <sub>45</sub>  | 2002 09 29 | 291 | Spacewatch                   |
| (191182) | 2002 NR <sub>53</sub>  | 2002 07 14 | 644 | NEAT   | (191234) | 2002 TX <sub>17</sub>  | 2002 10 02 | 704 | LINEAR                       |
| (191183) | 2002 NZ <sub>55</sub>  | 2002 07 12 | 644 | NEAT   | (191235) | 2002 TB <sub>122</sub> | 2002 10 03 | 599 | CINEOS                       |
| (191184) | 2002 NC <sub>56</sub>  | 2002 07 15 | 644 | NEAT   | (191236) | 2002 TT <sub>139</sub> | 2002 10 04 | 699 | LONEOS                       |
| (191185) | 2002 OK <sub>10</sub>  | 2002 07 22 | 644 | NEAT   | (191237) | 2002 TA <sub>175</sub> | 2002 10 04 | 704 | LINEAR                       |
| (191186) | 2002 OW <sub>10</sub>  | 2002 07 22 | 644 | NEAT   | (191238) | 2002 UP <sub>27</sub>  | 2002 10 31 | 644 | NEAT                         |
| (191187) | 2002 OH <sub>11</sub>  | 2002 07 16 | 608 | NEAT   | (191239) | 2002 VW <sub>13</sub>  | 2002 11 04 | 291 | Spacewatch                   |
| (191188) | 2002 OD <sub>16</sub>  | 2002 07 18 | 704 | LINEAR | (191240) | 2002 VX <sub>16</sub>  | 2002 11 05 | 704 | LINEAR                       |
| (191189) | 2002 OP <sub>16</sub>  | 2002 07 18 | 704 | LINEAR | (191241) | 2002 VN <sub>103</sub> | 2002 11 12 | 704 | LINEAR                       |
| (191190) | 2002 OA <sub>20</sub>  | 2002 07 23 | 644 | NEAT   | (191242) | 2002 XA <sub>35</sub>  | 2002 12 06 | 704 | LINEAR                       |
| (191191) | 2002 OY <sub>20</sub>  | 2002 07 22 | 644 | NEAT   | (191243) | 2002 XJ <sub>60</sub>  | 2002 12 10 | 704 | LINEAR                       |
| (191192) | 2002 PA <sub>4</sub>   | 2002 08 04 | 644 | NEAT   | (191244) | 2002 YC <sub>4</sub>   | 2002 12 27 | 699 | LONEOS                       |
| (191193) | 2002 PV <sub>4</sub>   | 2002 08 04 | 644 | NEAT   | (191245) | 2002 YL <sub>9</sub>   | 2002 12 31 | 704 | LINEAR                       |
| (191194) | 2002 PV <sub>5</sub>   | 2002 08 04 | 644 | NEAT   | (191246) | 2002 YV <sub>15</sub>  | 2002 12 31 | 704 | LINEAR                       |
| (191195) | 2002 PN <sub>15</sub>  | 2002 08 06 | 644 | NEAT   | (191247) | 2002 YM <sub>29</sub>  | 2002 12 31 | 704 | LINEAR                       |
| (191196) | 2002 PW <sub>15</sub>  | 2002 08 06 | 644 | NEAT   | (191248) | 2002 YO <sub>29</sub>  | 2002 12 31 | 704 | LINEAR                       |
| (191197) | 2002 PS <sub>37</sub>  | 2002 08 06 | 644 | NEAT   | (191249) | 2003 AS <sub>38</sub>  | 2003 01 07 | 704 | LINEAR                       |

|                                 |            |     |                      |                                |            |     |                          |
|---------------------------------|------------|-----|----------------------|--------------------------------|------------|-----|--------------------------|
| (191250) 2003 AL <sub>69</sub>  | 2003 01 07 | 704 | LINEAR               | (191302) 2003 GD <sub>32</sub> | 2003 04 08 | 704 | LINEAR                   |
| (191251) 2003 AV <sub>90</sub>  | 2003 01 05 | 699 | LONEOS               | (191303) 2003 GU <sub>35</sub> | 2003 04 05 | 699 | LONEOS                   |
| (191252) 2003 BS <sub>2</sub>   | 2003 01 26 | 608 | NEAT                 | (191304) 2003 GD <sub>44</sub> | 2003 04 09 | 704 | LINEAR                   |
| (191253) 2003 BE <sub>9</sub>   | 2003 01 26 | 699 | LONEOS               | (191305) 2003 HQ <sub>20</sub> | 2003 04 24 | 699 | LONEOS                   |
| (191254) 2003 BO <sub>9</sub>   | 2003 01 26 | 644 | NEAT                 | (191306) 2003 HV <sub>20</sub> | 2003 04 24 | 699 | LONEOS                   |
| (191255) 2003 BP <sub>18</sub>  | 2003 01 27 | 704 | LINEAR               | (191307) 2003 HV <sub>21</sub> | 2003 04 27 | 699 | LONEOS                   |
| (191256) 2003 BW <sub>27</sub>  | 2003 01 26 | 644 | NEAT                 | (191308) 2003 HX <sub>29</sub> | 2003 04 28 | 699 | LONEOS                   |
| (191257) 2003 BE <sub>33</sub>  | 2003 01 27 | 608 | NEAT                 | (191309) 2003 HQ <sub>30</sub> | 2003 04 28 | 608 | NEAT                     |
| (191258) 2003 BV <sub>33</sub>  | 2003 01 28 | 704 | LINEAR               | (191310) 2003 HM <sub>32</sub> | 2003 04 28 | 699 | LONEOS                   |
| (191259) 2003 BL <sub>37</sub>  | 2003 01 28 | 291 | Spacewatch           | (191311) 2003 HV <sub>37</sub> | 2003 04 28 | 699 | LONEOS                   |
| (191260) 2003 BM <sub>49</sub>  | 2003 01 27 | 699 | LONEOS               | (191312) 2003 HX <sub>38</sub> | 2003 04 29 | 608 | NEAT                     |
| (191261) 2003 BK <sub>53</sub>  | 2003 01 27 | 699 | LONEOS               | (191313) 2003 HJ <sub>41</sub> | 2003 04 29 | 608 | NEAT                     |
| (191262) 2003 BW <sub>54</sub>  | 2003 01 27 | 644 | NEAT                 | (191314) 2003 HC <sub>44</sub> | 2003 04 27 | 699 | LONEOS                   |
| (191263) 2003 BK <sub>60</sub>  | 2003 01 27 | 608 | NEAT                 | (191315) 2003 HT <sub>46</sub> | 2003 04 28 | 704 | LINEAR                   |
| (191264) 2003 BA <sub>61</sub>  | 2003 01 27 | 644 | NEAT                 | (191316) 2003 HZ <sub>47</sub> | 2003 04 30 | 704 | LINEAR                   |
| (191265) 2003 BU <sub>77</sub>  | 2003 01 30 | 704 | LINEAR               | (191317) 2003 HK <sub>55</sub> | 2003 04 25 | 599 | CINEOS                   |
| (191266) 2003 BG <sub>82</sub>  | 2003 01 30 | 608 | NEAT                 | (191318) 2003 HT <sub>57</sub> | 2003 04 25 | 645 | Sloan Digital Sky Survey |
| (191267) 2003 CO <sub>3</sub>   | 2003 02 03 | 291 | Spacewatch           | (191319) 2003 JW <sub>7</sub>  | 2003 05 02 | 704 | LINEAR                   |
| (191268) 2003 CM <sub>24</sub>  | 2003 02 04 | I03 | Barbieri, C.         | (191320) 2003 JZ <sub>12</sub> | 2003 05 04 | 621 | Bickel, W.               |
| (191269) 2003 DB <sub>2</sub>   | 2003 02 21 | 644 | NEAT                 | (191321) 2003 JF <sub>18</sub> | 2003 05 01 | 691 | Spacewatch               |
| (191270) 2003 DN <sub>13</sub>  | 2003 02 26 | 608 | NEAT                 | (191322) 2003 KJ               | 2003 05 20 | 699 | LONEOS                   |
| (191271) 2003 ER <sub>5</sub>   | 2003 03 05 | 704 | LINEAR               | (191323) 2003 KN               | 2003 05 22 | 673 | Young, J. W.             |
| (191272) 2003 EM <sub>6</sub>   | 2003 03 06 | 699 | LONEOS               | (191324) 2003 KA <sub>4</sub>  | 2003 05 23 | 428 | Broughton, J.            |
| (191273) 2003 EA <sub>13</sub>  | 2003 03 06 | 644 | NEAT                 | (191325) 2003 LQ <sub>2</sub>  | 2003 06 03 | 704 | LINEAR                   |
| (191274) 2003 EJ <sub>13</sub>  | 2003 03 06 | 644 | NEAT                 | (191326) 2003 MV <sub>5</sub>  | 2003 06 26 | 704 | LINEAR                   |
| (191275) 2003 ES <sub>18</sub>  | 2003 03 06 | 699 | LONEOS               | (191327) 2003 MO <sub>12</sub> | 2003 06 29 | 704 | LINEAR                   |
| (191276) 2003 EZ <sub>26</sub>  | 2003 03 06 | 699 | LONEOS               | (191328) 2003 OT <sub>6</sub>  | 2003 07 21 | 608 | NEAT                     |
| (191277) 2003 EN <sub>29</sub>  | 2003 03 06 | 704 | LINEAR               | (191329) 2003 OB <sub>18</sub> | 2003 07 24 | 599 | CINEOS                   |
| (191278) 2003 ED <sub>38</sub>  | 2003 03 08 | 699 | LONEOS               | (191330) 2003 OX <sub>28</sub> | 2003 07 24 | 644 | NEAT                     |
| (191279) 2003 EV <sub>51</sub>  | 2003 03 11 | 644 | NEAT                 | (191331) 2003 OZ <sub>28</sub> | 2003 07 24 | 644 | NEAT                     |
| (191280) 2003 EZ <sub>56</sub>  | 2003 03 09 | 644 | NEAT                 | (191332) 2003 PK <sub>7</sub>  | 2003 08 01 | 608 | NEAT                     |
| (191281) 2003 EN <sub>62</sub>  | 2003 03 09 | 704 | LINEAR               | (191333) 2003 QR <sub>1</sub>  | 2003 08 19 | 599 | CINEOS                   |
| (191282) 2003 FS                | 2003 03 22 | 246 | Tichá, J., Tichý, M. | (191334) 2003 QB <sub>2</sub>  | 2003 08 19 | 599 | CINEOS                   |
| (191283) 2003 FX <sub>12</sub>  | 2003 03 23 | 291 | Spacewatch           | (191335) 2003 QC <sub>5</sub>  | 2003 08 20 | 599 | CINEOS                   |
| (191284) 2003 FA <sub>36</sub>  | 2003 03 23 | 691 | Spacewatch           | (191336) 2003 QS <sub>7</sub>  | 2003 08 21 | 644 | NEAT                     |
| (191285) 2003 FU <sub>57</sub>  | 2003 03 26 | 691 | Spacewatch           | (191337) 2003 QN <sub>11</sub> | 2003 08 21 | 608 | NEAT                     |
| (191286) 2003 FY <sub>57</sub>  | 2003 03 26 | 691 | Spacewatch           | (191338) 2003 QD <sub>13</sub> | 2003 08 22 | 608 | NEAT                     |
| (191287) 2003 FD <sub>75</sub>  | 2003 03 26 | 608 | NEAT                 | (191339) 2003 QD <sub>19</sub> | 2003 08 22 | 644 | NEAT                     |
| (191288) 2003 FZ <sub>77</sub>  | 2003 03 27 | 644 | NEAT                 | (191340) 2003 QT <sub>22</sub> | 2003 08 20 | 644 | NEAT                     |
| (191289) 2003 FR <sub>94</sub>  | 2003 03 29 | 699 | LONEOS               | (191341) 2003 QC <sub>31</sub> | 2003 08 24 | 461 | Piszkéstető              |
| (191290) 2003 FR <sub>102</sub> | 2003 03 31 | 291 | Spacewatch           | (191342) 2003 QK <sub>32</sub> | 2003 08 21 | 644 | NEAT                     |
| (191291) 2003 FH <sub>103</sub> | 2003 03 24 | 691 | Spacewatch           | (191343) 2003 QF <sub>33</sub> | 2003 08 22 | 704 | LINEAR                   |
| (191292) 2003 FF <sub>107</sub> | 2003 03 30 | 704 | LINEAR               | (191344) 2003 QK <sub>33</sub> | 2003 08 22 | 644 | NEAT                     |
| (191293) 2003 FK <sub>107</sub> | 2003 03 30 | 704 | LINEAR               | (191345) 2003 QN <sub>33</sub> | 2003 08 22 | 644 | NEAT                     |
| (191294) 2003 FM <sub>108</sub> | 2003 03 31 | 699 | LONEOS               | (191346) 2003 QH <sub>39</sub> | 2003 08 22 | 644 | NEAT                     |
| (191295) 2003 FX <sub>112</sub> | 2003 03 30 | 291 | Spacewatch           | (191347) 2003 QZ <sub>41</sub> | 2003 08 22 | 704 | LINEAR                   |
| (191296) 2003 FQ <sub>128</sub> | 2003 03 29 | 699 | LONEOS               | (191348) 2003 QL <sub>42</sub> | 2003 08 22 | 704 | LINEAR                   |
| (191297) 2003 GP <sub>2</sub>   | 2003 04 01 | 644 | NEAT                 | (191349) 2003 QF <sub>46</sub> | 2003 08 23 | 644 | NEAT                     |
| (191298) 2003 GG <sub>8</sub>   | 2003 04 03 | 699 | LONEOS               | (191350) 2003 QF <sub>48</sub> | 2003 08 20 | 644 | NEAT                     |
| (191299) 2003 GH <sub>9</sub>   | 2003 04 02 | 704 | LINEAR               | (191351) 2003 QY <sub>58</sub> | 2003 08 23 | 644 | NEAT                     |
| (191300) 2003 GS <sub>9</sub>   | 2003 04 02 | 704 | LINEAR               | (191352) 2003 QS <sub>66</sub> | 2003 08 22 | 704 | LINEAR                   |
| (191301) 2003 GP <sub>12</sub>  | 2003 04 01 | 704 | LINEAR               | (191353) 2003 QL <sub>67</sub> | 2003 08 23 | 704 | LINEAR                   |

|                                 |            |     |               |                                 |            |     |                 |
|---------------------------------|------------|-----|---------------|---------------------------------|------------|-----|-----------------|
| (191354) 2003 QD <sub>69</sub>  | 2003 08 23 | 644 | NEAT          | (191406) 2003 SD <sub>82</sub>  | 2003 09 17 | 691 | Spacewatch      |
| (191355) 2003 QZ <sub>73</sub>  | 2003 08 24 | 704 | LINEAR        | (191407) 2003 SJ <sub>86</sub>  | 2003 09 16 | 644 | NEAT            |
| (191356) 2003 QW <sub>75</sub>  | 2003 08 24 | 704 | LINEAR        | (191408) 2003 SP <sub>86</sub>  | 2003 09 16 | 644 | NEAT            |
| (191357) 2003 QE <sub>79</sub>  | 2003 08 24 | 704 | LINEAR        | (191409) 2003 SJ <sub>88</sub>  | 2003 09 18 | 599 | CINEOS          |
| (191358) 2003 QH <sub>80</sub>  | 2003 08 22 | 644 | NEAT          | (191410) 2003 SS <sub>92</sub>  | 2003 09 18 | 291 | Spacewatch      |
| (191359) 2003 QR <sub>81</sub>  | 2003 08 23 | 644 | NEAT          | (191411) 2003 SW <sub>93</sub>  | 2003 09 18 | 691 | Spacewatch      |
| (191360) 2003 QZ <sub>84</sub>  | 2003 08 24 | 704 | LINEAR        | (191412) 2003 SX <sub>103</sub> | 2003 09 20 | 704 | LINEAR          |
| (191361) 2003 QD <sub>87</sub>  | 2003 08 25 | 704 | LINEAR        | (191413) 2003 SQ <sub>104</sub> | 2003 09 20 | 704 | LINEAR          |
| (191362) 2003 QG <sub>87</sub>  | 2003 08 25 | 704 | LINEAR        | (191414) 2003 SW <sub>109</sub> | 2003 09 20 | 691 | Spacewatch      |
| (191363) 2003 QS <sub>93</sub>  | 2003 08 28 | 608 | NEAT          | (191415) 2003 SA <sub>110</sub> | 2003 09 20 | 644 | NEAT            |
| (191364) 2003 QQ <sub>94</sub>  | 2003 08 28 | 608 | NEAT          | (191416) 2003 SZ <sub>119</sub> | 2003 09 17 | 691 | Spacewatch      |
| (191365) 2003 QA <sub>102</sub> | 2003 08 30 | 291 | Spacewatch    | (191417) 2003 SU <sub>137</sub> | 2003 09 21 | 599 | CINEOS          |
| (191366) 2003 QB <sub>107</sub> | 2003 08 31 | 704 | LINEAR        | (191418) 2003 SW <sub>138</sub> | 2003 09 20 | 644 | NEAT            |
| (191367) 2003 QD <sub>113</sub> | 2003 08 31 | 704 | LINEAR        | (191419) 2003 SZ <sub>138</sub> | 2003 09 21 | 704 | LINEAR          |
| (191368) 2003 RQ <sub>5</sub>   | 2003 09 03 | 704 | LINEAR        | (191420) 2003 SN <sub>139</sub> | 2003 09 18 | 704 | LINEAR          |
| (191369) 2003 RR <sub>7</sub>   | 2003 09 03 | 428 | Broughton, J. | (191421) 2003 SM <sub>146</sub> | 2003 09 20 | 644 | NEAT            |
| (191370) 2003 RO <sub>9</sub>   | 2003 09 04 | 704 | LINEAR        | (191422) 2003 SW <sub>146</sub> | 2003 09 20 | 644 | NEAT            |
| (191371) 2003 RS <sub>9</sub>   | 2003 09 04 | 599 | CINEOS        | (191423) 2003 SX <sub>146</sub> | 2003 09 20 | 644 | NEAT            |
| (191372) 2003 RP <sub>13</sub>  | 2003 09 15 | 644 | NEAT          | (191424) 2003 SA <sub>147</sub> | 2003 09 20 | 644 | NEAT            |
| (191373) 2003 RD <sub>14</sub>  | 2003 09 15 | 608 | NEAT          | (191425) 2003 SO <sub>148</sub> | 2003 09 16 | 691 | Spacewatch      |
| (191374) 2003 RK <sub>14</sub>  | 2003 09 14 | 608 | NEAT          | (191426) 2003 SR <sub>149</sub> | 2003 09 17 | 704 | LINEAR          |
| (191375) 2003 RO <sub>26</sub>  | 2003 09 03 | 608 | NEAT          | (191427) 2003 SC <sub>154</sub> | 2003 09 19 | 699 | LONEOS          |
| (191376) 2003 RZ <sub>26</sub>  | 2003 09 02 | 704 | LINEAR        | (191428) 2003 SC <sub>155</sub> | 2003 09 19 | 699 | LONEOS          |
| (191377) 2003 SQ                | 2003 09 16 | 691 | Spacewatch    | (191429) 2003 SL <sub>157</sub> | 2003 09 19 | 699 | LONEOS          |
| (191378) 2003 SJ <sub>4</sub>   | 2003 09 16 | 291 | Spacewatch    | (191430) 2003 SH <sub>159</sub> | 2003 09 21 | 704 | LINEAR          |
| (191379) 2003 SY <sub>7</sub>   | 2003 09 16 | 644 | NEAT          | (191431) 2003 SZ <sub>159</sub> | 2003 09 20 | 644 | NEAT            |
| (191380) 2003 SH <sub>8</sub>   | 2003 09 16 | 291 | Spacewatch    | (191432) 2003 SJ <sub>163</sub> | 2003 09 19 | 691 | Spacewatch      |
| (191381) 2003 SD <sub>17</sub>  | 2003 09 18 | 599 | CINEOS        | (191433) 2003 SW <sub>168</sub> | 2003 09 23 | 608 | NEAT            |
| (191382) 2003 SR <sub>18</sub>  | 2003 09 16 | 691 | Spacewatch    | (191434) 2003 SZ <sub>172</sub> | 2003 09 18 | 704 | LINEAR          |
| (191383) 2003 SM <sub>22</sub>  | 2003 09 16 | 691 | Spacewatch    | (191435) 2003 SX <sub>175</sub> | 2003 09 18 | 644 | NEAT            |
| (191384) 2003 SZ <sub>27</sub>  | 2003 09 18 | 644 | NEAT          | (191436) 2003 SD <sub>177</sub> | 2003 09 18 | 644 | NEAT            |
| (191385) 2003 SU <sub>39</sub>  | 2003 09 16 | 644 | NEAT          | (191437) 2003 SR <sub>177</sub> | 2003 09 18 | 644 | NEAT            |
| (191386) 2003 SK <sub>40</sub>  | 2003 09 16 | 644 | NEAT          | (191438) 2003 SP <sub>178</sub> | 2003 09 19 | 704 | LINEAR          |
| (191387) 2003 SO <sub>40</sub>  | 2003 09 16 | 644 | NEAT          | (191439) 2003 SE <sub>182</sub> | 2003 09 20 | 704 | LINEAR          |
| (191388) 2003 SU <sub>40</sub>  | 2003 09 16 | 644 | NEAT          | (191440) 2003 SO <sub>182</sub> | 2003 09 20 | 599 | CINEOS          |
| (191389) 2003 SQ <sub>42</sub>  | 2003 09 16 | 699 | LONEOS        | (191441) 2003 ST <sub>185</sub> | 2003 09 22 | 699 | LONEOS          |
| (191390) 2003 SH <sub>44</sub>  | 2003 09 16 | 699 | LONEOS        | (191442) 2003 SG <sub>189</sub> | 2003 09 22 | 699 | LONEOS          |
| (191391) 2003 SR <sub>44</sub>  | 2003 09 16 | 699 | LONEOS        | (191443) 2003 SG <sub>192</sub> | 2003 09 20 | 599 | CINEOS          |
| (191392) 2003 SC <sub>45</sub>  | 2003 09 16 | 699 | LONEOS        | (191444) 2003 SV <sub>193</sub> | 2003 09 20 | 704 | LINEAR          |
| (191393) 2003 SO <sub>47</sub>  | 2003 09 17 | 608 | NEAT          | (191445) 2003 SG <sub>194</sub> | 2003 09 20 | 699 | LONEOS          |
| (191394) 2003 SN <sub>48</sub>  | 2003 09 18 | 644 | NEAT          | (191446) 2003 SK <sub>199</sub> | 2003 09 21 | 699 | LONEOS          |
| (191395) 2003 SQ <sub>48</sub>  | 2003 09 18 | 644 | NEAT          | (191447) 2003 SV <sub>201</sub> | 2003 09 26 | 333 | Yeung, W. K. Y. |
| (191396) 2003 SB <sub>50</sub>  | 2003 09 18 | 644 | NEAT          | (191448) 2003 SC <sub>203</sub> | 2003 09 22 | 699 | LONEOS          |
| (191397) 2003 ST <sub>59</sub>  | 2003 09 17 | 699 | LONEOS        | (191449) 2003 ST <sub>208</sub> | 2003 09 23 | 644 | NEAT            |
| (191398) 2003 SH <sub>63</sub>  | 2003 09 17 | 704 | LINEAR        | (191450) 2003 SU <sub>210</sub> | 2003 09 23 | 644 | NEAT            |
| (191399) 2003 SO <sub>67</sub>  | 2003 09 19 | 704 | LINEAR        | (191451) 2003 SD <sub>212</sub> | 2003 09 25 | 644 | NEAT            |
| (191400) 2003 SZ <sub>70</sub>  | 2003 09 18 | 691 | Spacewatch    | (191452) 2003 SL <sub>216</sub> | 2003 09 26 | 704 | LINEAR          |
| (191401) 2003 SZ <sub>73</sub>  | 2003 09 18 | 291 | Spacewatch    | (191453) 2003 SZ <sub>217</sub> | 2003 09 27 | 333 | Yeung, W. K. Y. |
| (191402) 2003 SM <sub>76</sub>  | 2003 09 18 | 691 | Spacewatch    | (191454) 2003 SD <sub>221</sub> | 2003 09 28 | 704 | LINEAR          |
| (191403) 2003 SB <sub>78</sub>  | 2003 09 19 | 691 | Spacewatch    | (191455) 2003 ST <sub>225</sub> | 2003 09 26 | 704 | LINEAR          |
| (191404) 2003 SZ <sub>79</sub>  | 2003 09 19 | 691 | Spacewatch    | (191456) 2003 SR <sub>226</sub> | 2003 09 26 | 704 | LINEAR          |
| (191405) 2003 SZ <sub>81</sub>  | 2003 09 17 | 691 | Spacewatch    | (191457) 2003 ST <sub>231</sub> | 2003 09 24 | 644 | NEAT            |

|          |                        |            |     |                 |          |                        |            |     |                           |
|----------|------------------------|------------|-----|-----------------|----------|------------------------|------------|-----|---------------------------|
| (191458) | 2003 SS <sub>236</sub> | 2003 09 26 | 704 | LINEAR          | (191510) | 2003 UK <sub>85</sub>  | 2003 10 18 | 291 | Spacewatch                |
| (191459) | 2003 SL <sub>254</sub> | 2003 09 27 | 291 | Spacewatch      | (191511) | 2003 UT <sub>86</sub>  | 2003 10 18 | 644 | NEAT                      |
| (191460) | 2003 SE <sub>258</sub> | 2003 09 28 | 291 | Spacewatch      | (191512) | 2003 UA <sub>87</sub>  | 2003 10 18 | 644 | NEAT                      |
| (191461) | 2003 SD <sub>266</sub> | 2003 09 29 | 704 | LINEAR          | (191513) | 2003 UJ <sub>89</sub>  | 2003 10 20 | 691 | Spacewatch                |
| (191462) | 2003 SF <sub>266</sub> | 2003 09 29 | 704 | LINEAR          | (191514) | 2003 UQ <sub>92</sub>  | 2003 10 20 | 644 | NEAT                      |
| (191463) | 2003 SJ <sub>266</sub> | 2003 09 29 | 704 | LINEAR          | (191515) | 2003 UB <sub>111</sub> | 2003 10 19 | 608 | NEAT                      |
| (191464) | 2003 SL <sub>269</sub> | 2003 09 26 | 683 | Tucker, R. A.   | (191516) | 2003 US <sub>112</sub> | 2003 10 20 | 704 | LINEAR                    |
| (191465) | 2003 SY <sub>269</sub> | 2003 09 24 | 608 | NEAT            | (191517) | 2003 UK <sub>116</sub> | 2003 10 21 | 704 | LINEAR                    |
| (191466) | 2003 SB <sub>273</sub> | 2003 09 27 | 704 | LINEAR          | (191518) | 2003 UA <sub>129</sub> | 2003 10 21 | 691 | Spacewatch                |
| (191467) | 2003 SD <sub>280</sub> | 2003 09 18 | 644 | NEAT            | (191519) | 2003 UD <sub>133</sub> | 2003 10 20 | 644 | NEAT                      |
| (191468) | 2003 SB <sub>282</sub> | 2003 09 19 | 704 | LINEAR          | (191520) | 2003 UE <sub>148</sub> | 2003 10 19 | 691 | Spacewatch                |
| (191469) | 2003 SL <sub>286</sub> | 2003 09 21 | 644 | NEAT            | (191521) | 2003 UJ <sub>152</sub> | 2003 10 21 | 691 | Spacewatch                |
| (191470) | 2003 SM <sub>286</sub> | 2003 09 21 | 644 | NEAT            | (191522) | 2003 US <sub>158</sub> | 2003 10 20 | 691 | Spacewatch                |
| (191471) | 2003 SE <sub>289</sub> | 2003 09 28 | 704 | LINEAR          | (191523) | 2003 UD <sub>173</sub> | 2003 10 20 | 644 | NEAT                      |
| (191472) | 2003 ST <sub>291</sub> | 2003 09 30 | 704 | LINEAR          | (191524) | 2003 UN <sub>177</sub> | 2003 10 21 | 644 | NEAT                      |
| (191473) | 2003 SL <sub>292</sub> | 2003 09 25 | 644 | NEAT            | (191525) | 2003 UW <sub>183</sub> | 2003 10 21 | 644 | NEAT                      |
| (191474) | 2003 SO <sub>292</sub> | 2003 09 25 | 644 | NEAT            | (191526) | 2003 UV <sub>186</sub> | 2003 10 22 | 704 | LINEAR                    |
| (191475) | 2003 SU <sub>292</sub> | 2003 09 26 | 704 | LINEAR          | (191527) | 2003 UA <sub>193</sub> | 2003 10 20 | 691 | Spacewatch                |
| (191476) | 2003 SX <sub>296</sub> | 2003 09 16 | 644 | NEAT            | (191528) | 2003 UV <sub>193</sub> | 2003 10 20 | 691 | Spacewatch                |
| (191477) | 2003 SE <sub>297</sub> | 2003 09 18 | 608 | NEAT            | (191529) | 2003 UX <sub>196</sub> | 2003 10 21 | 691 | Spacewatch                |
| (191478) | 2003 SP <sub>303</sub> | 2003 09 17 | 644 | NEAT            | (191530) | 2003 UX <sub>197</sub> | 2003 10 21 | 699 | LONEOS                    |
| (191479) | 2003 SR <sub>308</sub> | 2003 09 29 | 699 | LONEOS          | (191531) | 2003 UQ <sub>198</sub> | 2003 10 21 | 691 | Spacewatch                |
| (191480) | 2003 SR <sub>310</sub> | 2003 09 28 | 608 | NEAT            | (191532) | 2003 UV <sub>199</sub> | 2003 10 21 | 704 | LINEAR                    |
| (191481) | 2003 SH <sub>312</sub> | 2003 09 26 | 683 | Tucker, R. A.   | (191533) | 2003 UV <sub>208</sub> | 2003 10 22 | 691 | Spacewatch                |
| (191482) | 2003 SJ <sub>312</sub> | 2003 09 27 | 683 | Tucker, R. A.   | (191534) | 2003 UM <sub>211</sub> | 2003 10 23 | 691 | Spacewatch                |
| (191483) | 2003 SH <sub>319</sub> | 2003 09 21 | 699 | LONEOS          | (191535) | 2003 UE <sub>218</sub> | 2003 10 21 | 704 | LINEAR                    |
| (191484) | 2003 TA <sub>1</sub>   | 2003 10 03 | 446 | McClusky, J. V. | (191536) | 2003 UY <sub>222</sub> | 2003 10 22 | 704 | LINEAR                    |
| (191485) | 2003 TO <sub>2</sub>   | 2003 10 07 | 673 | Young, J. W.    | (191537) | 2003 UL <sub>223</sub> | 2003 10 22 | 704 | LINEAR                    |
| (191486) | 2003 TL <sub>7</sub>   | 2003 10 01 | 699 | LONEOS          | (191538) | 2003 UR <sub>227</sub> | 2003 10 23 | 691 | Spacewatch                |
| (191487) | 2003 TM <sub>7</sub>   | 2003 10 01 | 699 | LONEOS          | (191539) | 2003 UL <sub>230</sub> | 2003 10 23 | 691 | Spacewatch                |
| (191488) | 2003 TN <sub>15</sub>  | 2003 10 15 | 699 | LONEOS          | (191540) | 2003 UF <sub>236</sub> | 2003 10 22 | 291 | Spacewatch                |
| (191489) | 2003 TW <sub>16</sub>  | 2003 10 14 | 699 | LONEOS          | (191541) | 2003 UF <sub>238</sub> | 2003 10 23 | 608 | NEAT                      |
| (191490) | 2003 TQ <sub>20</sub>  | 2003 10 15 | 644 | NEAT            | (191542) | 2003 UM <sub>244</sub> | 2003 10 24 | 691 | Spacewatch                |
| (191491) | 2003 TF <sub>21</sub>  | 2003 10 15 | 699 | LONEOS          | (191543) | 2003 UJ <sub>249</sub> | 2003 10 25 | 704 | LINEAR                    |
| (191492) | 2003 TH <sub>57</sub>  | 2003 10 05 | 704 | LINEAR          | (191544) | 2003 UA <sub>255</sub> | 2003 10 25 | 691 | Spacewatch                |
| (191493) | 2003 TT <sub>57</sub>  | 2003 10 14 | 644 | NEAT            | (191545) | 2003 UZ <sub>261</sub> | 2003 10 26 | 704 | LINEAR                    |
| (191494) | 2003 UE <sub>5</sub>   | 2003 10 16 | 628 | Mülheim-Ruhr    | (191546) | 2003 UV <sub>268</sub> | 2003 10 28 | 704 | LINEAR                    |
| (191495) | 2003 UN <sub>11</sub>  | 2003 10 20 | 704 | LINEAR          | (191547) | 2003 UB <sub>269</sub> | 2003 10 28 | 608 | NEAT                      |
| (191496) | 2003 UU <sub>21</sub>  | 2003 10 21 | 446 | McClusky, J. V. | (191548) | 2003 UG <sub>278</sub> | 2003 10 25 | 704 | LINEAR                    |
| (191497) | 2003 UL <sub>27</sub>  | 2003 10 23 | 683 | Tucker, R. A.   | (191549) | 2003 UL <sub>293</sub> | 2003 10 18 | 704 | LINEAR                    |
| (191498) | 2003 UB <sub>37</sub>  | 2003 10 16 | 644 | NEAT            | (191550) | 2003 UL <sub>299</sub> | 2003 10 16 | 691 | Spacewatch                |
| (191499) | 2003 UA <sub>41</sub>  | 2003 10 16 | 699 | LONEOS          | (191551) | 2003 VK <sub>1</sub>   | 2003 11 06 | 461 | Sárneczky, K., Sipocz, B. |
| (191500) | 2003 UR <sub>47</sub>  | 2003 10 24 | 608 | NEAT            | (191552) | 2003 VC <sub>8</sub>   | 2003 11 14 | 644 | NEAT                      |
| (191501) | 2003 UA <sub>48</sub>  | 2003 10 16 | 691 | Spacewatch      | (191553) | 2003 WV <sub>14</sub>  | 2003 11 16 | 691 | Spacewatch                |
| (191502) | 2003 UL <sub>48</sub>  | 2003 10 16 | 699 | LONEOS          | (191554) | 2003 WC <sub>15</sub>  | 2003 11 16 | 691 | Spacewatch                |
| (191503) | 2003 UW <sub>48</sub>  | 2003 10 16 | 699 | LONEOS          | (191555) | 2003 WC <sub>20</sub>  | 2003 11 19 | 704 | LINEAR                    |
| (191504) | 2003 UL <sub>54</sub>  | 2003 10 18 | 644 | NEAT            | (191556) | 2003 WM <sub>44</sub>  | 2003 11 19 | 644 | NEAT                      |
| (191505) | 2003 UQ <sub>57</sub>  | 2003 10 16 | 644 | NEAT            | (191557) | 2003 WT <sub>63</sub>  | 2003 11 19 | 691 | Spacewatch                |
| (191506) | 2003 UT <sub>63</sub>  | 2003 10 16 | 699 | LONEOS          | (191558) | 2003 WO <sub>65</sub>  | 2003 11 19 | 691 | Spacewatch                |
| (191507) | 2003 UK <sub>65</sub>  | 2003 10 16 | 644 | NEAT            | (191559) | 2003 WE <sub>69</sub>  | 2003 11 19 | 691 | Spacewatch                |
| (191508) | 2003 UA <sub>73</sub>  | 2003 10 19 | 691 | Spacewatch      | (191560) | 2003 WR <sub>69</sub>  | 2003 11 19 | 691 | Spacewatch                |
| (191509) | 2003 UD <sub>83</sub>  | 2003 10 16 | 699 | LONEOS          | (191561) | 2003 WT <sub>74</sub>  | 2003 11 20 | 704 | LINEAR                    |

|                                 |            |     |                      |                                 |            |     |                      |
|---------------------------------|------------|-----|----------------------|---------------------------------|------------|-----|----------------------|
| (191562) 2003 WD <sub>81</sub>  | 2003 11 20 | 704 | LINEAR               | (191614) 2004 JH <sub>6</sub>   | 2004 05 08 | 644 | NEAT                 |
| (191563) 2003 WJ <sub>102</sub> | 2003 11 21 | 644 | NEAT                 | (191615) 2004 JE <sub>7</sub>   | 2004 05 08 | 644 | NEAT                 |
| (191564) 2003 WZ <sub>112</sub> | 2003 11 20 | 704 | LINEAR               | (191616) 2004 JO <sub>22</sub>  | 2004 05 09 | 644 | NEAT                 |
| (191565) 2003 WX <sub>128</sub> | 2003 11 21 | 644 | NEAT                 | (191617) 2004 JN <sub>24</sub>  | 2004 05 15 | 704 | LINEAR               |
| (191566) 2003 WN <sub>139</sub> | 2003 11 21 | 704 | LINEAR               | (191618) 2004 JB <sub>42</sub>  | 2004 05 15 | 704 | LINEAR               |
| (191567) 2003 WX <sub>146</sub> | 2003 11 23 | 704 | LINEAR               | (191619) 2004 KJ <sub>7</sub>   | 2004 05 19 | 704 | LINEAR               |
| (191568) 2003 WR <sub>151</sub> | 2003 11 26 | 704 | LINEAR               | (191620) 2004 LH <sub>5</sub>   | 2004 06 12 | 644 | NEAT                 |
| (191569) 2003 WZ <sub>153</sub> | 2003 11 29 | 704 | LINEAR               | (191621) 2004 MN <sub>3</sub>   | 2004 06 19 | 673 | Young, J. W.         |
| (191570) 2003 WQ <sub>162</sub> | 2003 11 30 | 704 | LINEAR               | (191622) 2004 MK <sub>8</sub>   | 2004 06 27 | E12 | Siding Spring Survey |
| (191571) 2003 WX <sub>170</sub> | 2003 11 21 | 703 | CSS                  | (191623) 2004 NB <sub>1</sub>   | 2004 07 07 | 599 | CINEOS               |
| (191572) 2003 WU <sub>189</sub> | 2003 11 22 | 703 | CSS                  | (191624) 2004 NJ <sub>1</sub>   | 2004 07 09 | 644 | NEAT                 |
| (191573) 2003 XZ <sub>10</sub>  | 2003 12 10 | 644 | NEAT                 | (191625) 2004 NO <sub>3</sub>   | 2004 07 12 | 428 | Broughton, J.        |
| (191574) 2003 XF <sub>14</sub>  | 2003 12 15 | 704 | LINEAR               | (191626) 2004 NF <sub>15</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191575) 2003 XP <sub>25</sub>  | 2003 12 01 | 704 | LINEAR               | (191627) 2004 NF <sub>16</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191576) 2003 XM <sub>30</sub>  | 2003 12 01 | 691 | Spacewatch           | (191628) 2004 NE <sub>17</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191577) 2003 XU <sub>32</sub>  | 2003 12 01 | 691 | Spacewatch           | (191629) 2004 NJ <sub>17</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191578) 2003 XH <sub>35</sub>  | 2003 12 03 | 704 | LINEAR               | (191630) 2004 NE <sub>22</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191579) 2003 YB <sub>6</sub>   | 2003 12 17 | 704 | LINEAR               | (191631) 2004 NN <sub>27</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191580) 2003 YR <sub>53</sub>  | 2003 12 19 | 704 | LINEAR               | (191632) 2004 NW <sub>27</sub>  | 2004 07 11 | 704 | LINEAR               |
| (191581) 2003 YC <sub>64</sub>  | 2003 12 19 | 704 | LINEAR               | (191633) 2004 OB <sub>12</sub>  | 2004 07 17 | 428 | Broughton, J.        |
| (191582) 2003 YK <sub>69</sub>  | 2003 12 20 | 104 | San Marcello         | (191634) 2004 PQ <sub>3</sub>   | 2004 08 03 | E12 | Siding Spring Survey |
| (191583) 2003 YF <sub>105</sub> | 2003 12 22 | 704 | LINEAR               | (191635) 2004 PD <sub>5</sub>   | 2004 08 06 | 644 | NEAT                 |
| (191584) 2004 BA <sub>143</sub> | 2004 01 19 | 691 | Spacewatch           | (191636) 2004 PF <sub>9</sub>   | 2004 08 06 | 644 | NEAT                 |
| (191585) 2004 CO <sub>63</sub>  | 2004 02 12 | 644 | NEAT                 | (191637) 2004 PX <sub>18</sub>  | 2004 08 08 | 699 | LONEOS               |
| (191586) 2004 DU <sub>49</sub>  | 2004 02 22 | 704 | LINEAR               | (191638) 2004 PO <sub>20</sub>  | 2004 08 06 | 644 | NEAT                 |
| (191587) 2004 EJ <sub>6</sub>   | 2004 03 12 | 644 | NEAT                 | (191639) 2004 PU <sub>23</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191588) 2004 EO <sub>73</sub>  | 2004 03 15 | 703 | CSS                  | (191640) 2004 PK <sub>24</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191589) 2004 FQ <sub>5</sub>   | 2004 03 19 | 644 | NEAT                 | (191641) 2004 PL <sub>24</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191590) 2004 FN <sub>29</sub>  | 2004 03 24 | 621 | Bickel, W.           | (191642) 2004 PV <sub>29</sub>  | 2004 08 07 | 644 | NEAT                 |
| (191591) 2004 FR <sub>38</sub>  | 2004 03 17 | 704 | LINEAR               | (191643) 2004 PX <sub>34</sub>  | 2004 08 08 | 699 | LONEOS               |
| (191592) 2004 FX <sub>46</sub>  | 2004 03 17 | 704 | LINEAR               | (191644) 2004 PZ <sub>36</sub>  | 2004 08 09 | 704 | LINEAR               |
| (191593) 2004 FD <sub>68</sub>  | 2004 03 20 | 704 | LINEAR               | (191645) 2004 PQ <sub>38</sub>  | 2004 08 09 | 704 | LINEAR               |
| (191594) 2004 FC <sub>90</sub>  | 2004 03 20 | 704 | LINEAR               | (191646) 2004 PP <sub>40</sub>  | 2004 08 09 | 704 | LINEAR               |
| (191595) 2004 FF <sub>109</sub> | 2004 03 24 | 699 | LONEOS               | (191647) 2004 PK <sub>43</sub>  | 2004 08 06 | 644 | NEAT                 |
| (191596) 2004 FX <sub>121</sub> | 2004 03 24 | 699 | LONEOS               | (191648) 2004 PP <sub>45</sub>  | 2004 08 07 | 644 | NEAT                 |
| (191597) 2004 FX <sub>125</sub> | 2004 03 27 | 704 | LINEAR               | (191649) 2004 PX <sub>46</sub>  | 2004 08 08 | 599 | CINEOS               |
| (191598) 2004 FT <sub>142</sub> | 2004 03 27 | 704 | LINEAR               | (191650) 2004 PC <sub>51</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191599) 2004 FN <sub>143</sub> | 2004 03 28 | 704 | LINEAR               | (191651) 2004 PU <sub>56</sub>  | 2004 08 09 | 704 | LINEAR               |
| (191600) 2004 FW <sub>146</sub> | 2004 03 22 | 704 | LINEAR               | (191652) 2004 PF <sub>57</sub>  | 2004 08 09 | 704 | LINEAR               |
| (191601) 2004 GY <sub>13</sub>  | 2004 04 13 | 703 | CSS                  | (191653) 2004 PN <sub>69</sub>  | 2004 08 07 | 644 | NEAT                 |
| (191602) 2004 GB <sub>30</sub>  | 2004 04 12 | 691 | Spacewatch           | (191654) 2004 PQ <sub>71</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191603) 2004 GH <sub>37</sub>  | 2004 04 14 | 699 | LONEOS               | (191655) 2004 PT <sub>73</sub>  | 2004 08 08 | 704 | LINEAR               |
| (191604) 2004 GL <sub>48</sub>  | 2004 04 12 | 691 | Spacewatch           | (191656) 2004 PY <sub>81</sub>  | 2004 08 10 | 704 | LINEAR               |
| (191605) 2004 GA <sub>59</sub>  | 2004 04 12 | 644 | NEAT                 | (191657) 2004 PK <sub>84</sub>  | 2004 08 10 | 704 | LINEAR               |
| (191606) 2004 GN <sub>74</sub>  | 2004 04 15 | 644 | NEAT                 | (191658) 2004 PG <sub>91</sub>  | 2004 08 11 | 704 | LINEAR               |
| (191607) 2004 HD <sub>7</sub>   | 2004 04 16 | 644 | NEAT                 | (191659) 2004 PK <sub>101</sub> | 2004 08 11 | 704 | LINEAR               |
| (191608) 2004 HP <sub>10</sub>  | 2004 04 17 | 704 | LINEAR               | (191660) 2004 PL <sub>101</sub> | 2004 08 11 | 704 | LINEAR               |
| (191609) 2004 HA <sub>18</sub>  | 2004 04 17 | 704 | LINEAR               | (191661) 2004 PP <sub>101</sub> | 2004 08 11 | 704 | LINEAR               |
| (191610) 2004 HW <sub>24</sub>  | 2004 04 19 | 704 | LINEAR               | (191662) 2004 PU <sub>102</sub> | 2004 08 12 | 704 | LINEAR               |
| (191611) 2004 HU <sub>45</sub>  | 2004 04 21 | 704 | LINEAR               | (191663) 2004 PG <sub>103</sub> | 2004 08 12 | 704 | LINEAR               |
| (191612) 2004 HT <sub>48</sub>  | 2004 04 22 | E12 | Siding Spring Survey | (191664) 2004 PQ <sub>103</sub> | 2004 08 12 | 704 | LINEAR               |
| (191613) 2004 HS <sub>50</sub>  | 2004 04 23 | 691 | Spacewatch           | (191665) 2004 PA <sub>104</sub> | 2004 08 12 | 704 | LINEAR               |

|          |                        |            |     |                      |          |                        |            |     |                      |
|----------|------------------------|------------|-----|----------------------|----------|------------------------|------------|-----|----------------------|
| (191666) | 2004 PQ <sub>112</sub> | 2004 08 03 | E12 | Siding Spring Survey | (191718) | 2004 RL <sub>218</sub> | 2004 09 11 | 704 | LINEAR               |
| (191667) | 2004 QZ                | 2004 08 16 | 644 | NEAT                 | (191719) | 2004 RO <sub>220</sub> | 2004 09 11 | 704 | LINEAR               |
| (191668) | 2004 QF <sub>4</sub>   | 2004 08 19 | E12 | Siding Spring Survey | (191720) | 2004 RG <sub>224</sub> | 2004 09 08 | 704 | LINEAR               |
| (191669) | 2004 QD <sub>11</sub>  | 2004 08 21 | E12 | Siding Spring Survey | (191721) | 2004 RP <sub>228</sub> | 2004 09 09 | 691 | Spacewatch           |
| (191670) | 2004 QV <sub>11</sub>  | 2004 08 21 | E12 | Siding Spring Survey | (191722) | 2004 RZ <sub>229</sub> | 2004 09 09 | 691 | Spacewatch           |
| (191671) | 2004 QC <sub>20</sub>  | 2004 08 25 | 097 | Wise                 | (191723) | 2004 RE <sub>237</sub> | 2004 09 10 | 691 | Spacewatch           |
| (191672) | 2004 RT <sub>10</sub>  | 2004 09 07 | 185 | Ory, M.              | (191724) | 2004 RJ <sub>246</sub> | 2004 09 10 | 691 | Spacewatch           |
| (191673) | 2004 RR <sub>19</sub>  | 2004 09 07 | 644 | NEAT                 | (191725) | 2004 RM <sub>276</sub> | 2004 09 13 | 691 | Spacewatch           |
| (191674) | 2004 RG <sub>35</sub>  | 2004 09 07 | 704 | LINEAR               | (191726) | 2004 RV <sub>287</sub> | 2004 09 15 | H07 | Yeung, W. K. Y.      |
| (191675) | 2004 RP <sub>38</sub>  | 2004 09 07 | 691 | Spacewatch           | (191727) | 2004 RK <sub>293</sub> | 2004 09 11 | 704 | LINEAR               |
| (191676) | 2004 RR <sub>46</sub>  | 2004 09 08 | 704 | LINEAR               | (191728) | 2004 RK <sub>305</sub> | 2004 09 12 | 704 | LINEAR               |
| (191677) | 2004 RH <sub>47</sub>  | 2004 09 08 | 704 | LINEAR               | (191729) | 2004 RZ <sub>306</sub> | 2004 09 12 | 704 | LINEAR               |
| (191678) | 2004 RS <sub>58</sub>  | 2004 09 08 | 704 | LINEAR               | (191730) | 2004 RL <sub>309</sub> | 2004 09 13 | 704 | LINEAR               |
| (191679) | 2004 RV <sub>63</sub>  | 2004 09 08 | 704 | LINEAR               | (191731) | 2004 RZ <sub>309</sub> | 2004 09 13 | 704 | LINEAR               |
| (191680) | 2004 RE <sub>67</sub>  | 2004 09 08 | 704 | LINEAR               | (191732) | 2004 RD <sub>310</sub> | 2004 09 13 | 704 | LINEAR               |
| (191681) | 2004 RJ <sub>75</sub>  | 2004 09 08 | 704 | LINEAR               | (191733) | 2004 RV <sub>312</sub> | 2004 09 15 | 691 | Spacewatch           |
| (191682) | 2004 RG <sub>76</sub>  | 2004 09 08 | 704 | LINEAR               | (191734) | 2004 RU <sub>323</sub> | 2004 09 13 | 704 | LINEAR               |
| (191683) | 2004 RX <sub>76</sub>  | 2004 09 08 | 704 | LINEAR               | (191735) | 2004 RN <sub>325</sub> | 2004 09 13 | 704 | LINEAR               |
| (191684) | 2004 RK <sub>78</sub>  | 2004 09 08 | 704 | LINEAR               | (191736) | 2004 RV <sub>325</sub> | 2004 09 13 | 704 | LINEAR               |
| (191685) | 2004 RO <sub>79</sub>  | 2004 09 08 | 644 | NEAT                 | (191737) | 2004 RE <sub>326</sub> | 2004 09 13 | 704 | LINEAR               |
| (191686) | 2004 RA <sub>86</sub>  | 2004 09 07 | 704 | LINEAR               | (191738) | 2004 RR <sub>333</sub> | 2004 09 15 | 699 | LONEOS               |
| (191687) | 2004 RK <sub>95</sub>  | 2004 09 08 | 704 | LINEAR               | (191739) | 2004 RO <sub>338</sub> | 2004 09 15 | 691 | Spacewatch           |
| (191688) | 2004 RC <sub>107</sub> | 2004 09 09 | 704 | LINEAR               | (191740) | 2004 SB <sub>12</sub>  | 2004 09 16 | E12 | Siding Spring Survey |
| (191689) | 2004 RZ <sub>136</sub> | 2004 09 08 | 599 | CINEOS               | (191741) | 2004 SC <sub>12</sub>  | 2004 09 16 | E12 | Siding Spring Survey |
| (191690) | 2004 RY <sub>142</sub> | 2004 09 08 | 644 | NEAT                 | (191742) | 2004 SA <sub>13</sub>  | 2004 09 17 | 699 | LONEOS               |
| (191691) | 2004 RK <sub>144</sub> | 2004 09 08 | 644 | NEAT                 | (191743) | 2004 SZ <sub>13</sub>  | 2004 09 17 | 704 | LINEAR               |
| (191692) | 2004 RN <sub>149</sub> | 2004 09 09 | 704 | LINEAR               | (191744) | 2004 SX <sub>15</sub>  | 2004 09 17 | 699 | LONEOS               |
| (191693) | 2004 RG <sub>150</sub> | 2004 09 09 | 704 | LINEAR               | (191745) | 2004 SM <sub>20</sub>  | 2004 09 17 | 333 | Yeung, W. K. Y.      |
| (191694) | 2004 RL <sub>151</sub> | 2004 09 09 | 704 | LINEAR               | (191746) | 2004 SQ <sub>22</sub>  | 2004 09 17 | 704 | LINEAR               |
| (191695) | 2004 RK <sub>154</sub> | 2004 09 10 | 704 | LINEAR               | (191747) | 2004 SV <sub>29</sub>  | 2004 09 17 | 704 | LINEAR               |
| (191696) | 2004 RB <sub>160</sub> | 2004 09 10 | 704 | LINEAR               | (191748) | 2004 SZ <sub>40</sub>  | 2004 09 17 | 704 | LINEAR               |
| (191697) | 2004 RR <sub>162</sub> | 2004 09 11 | 704 | LINEAR               | (191749) | 2004 SO <sub>42</sub>  | 2004 09 18 | 704 | LINEAR               |
| (191698) | 2004 RV <sub>163</sub> | 2004 09 10 | 704 | LINEAR               | (191750) | 2004 ST <sub>48</sub>  | 2004 09 21 | 704 | LINEAR               |
| (191699) | 2004 RX <sub>167</sub> | 2004 09 07 | 691 | Spacewatch           | (191751) | 2004 SC <sub>50</sub>  | 2004 09 22 | 704 | LINEAR               |
| (191700) | 2004 RG <sub>168</sub> | 2004 09 08 | 704 | LINEAR               | (191752) | 2004 SE <sub>50</sub>  | 2004 09 22 | 704 | LINEAR               |
| (191701) | 2004 RP <sub>169</sub> | 2004 09 08 | 704 | LINEAR               | (191753) | 2004 SD <sub>51</sub>  | 2004 09 22 | 291 | Spacewatch           |
| (191702) | 2004 RQ <sub>170</sub> | 2004 09 08 | 644 | NEAT                 | (191754) | 2004 SC <sub>52</sub>  | 2004 09 17 | 704 | LINEAR               |
| (191703) | 2004 RB <sub>172</sub> | 2004 09 09 | 704 | LINEAR               | (191755) | 2004 SQ <sub>54</sub>  | 2004 09 22 | 704 | LINEAR               |
| (191704) | 2004 RF <sub>172</sub> | 2004 09 09 | 704 | LINEAR               | (191756) | 2004 SU <sub>54</sub>  | 2004 09 22 | 704 | LINEAR               |
| (191705) | 2004 RR <sub>188</sub> | 2004 09 10 | 704 | LINEAR               | (191757) | 2004 SP <sub>60</sub>  | 2004 09 16 | 691 | Spacewatch           |
| (191706) | 2004 RX <sub>188</sub> | 2004 09 10 | 704 | LINEAR               | (191758) | 2004 TV <sub>1</sub>   | 2004 10 03 | 644 | NEAT                 |
| (191707) | 2004 RY <sub>192</sub> | 2004 09 10 | 704 | LINEAR               | (191759) | 2004 TA <sub>12</sub>  | 2004 10 06 | 683 | Tucker, R. A.        |
| (191708) | 2004 RQ <sub>194</sub> | 2004 09 10 | 704 | LINEAR               | (191760) | 2004 TH <sub>12</sub>  | 2004 10 07 | 683 | Tucker, R. A.        |
| (191709) | 2004 RT <sub>194</sub> | 2004 09 10 | 704 | LINEAR               | (191761) | 2004 TK <sub>23</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191710) | 2004 RW <sub>195</sub> | 2004 09 10 | 704 | LINEAR               | (191762) | 2004 TU <sub>34</sub>  | 2004 10 04 | 699 | LONEOS               |
| (191711) | 2004 RQ <sub>196</sub> | 2004 09 10 | 704 | LINEAR               | (191763) | 2004 TB <sub>42</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191712) | 2004 RT <sub>196</sub> | 2004 09 10 | 704 | LINEAR               | (191764) | 2004 TH <sub>45</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191713) | 2004 RE <sub>199</sub> | 2004 09 10 | 704 | LINEAR               | (191765) | 2004 TF <sub>48</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191714) | 2004 RX <sub>199</sub> | 2004 09 10 | 704 | LINEAR               | (191766) | 2004 TF <sub>50</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191715) | 2004 RG <sub>201</sub> | 2004 09 10 | 704 | LINEAR               | (191767) | 2004 TH <sub>51</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191716) | 2004 RX <sub>206</sub> | 2004 09 11 | 704 | LINEAR               | (191768) | 2004 TJ <sub>51</sub>  | 2004 10 04 | 691 | Spacewatch           |
| (191717) | 2004 RZ <sub>214</sub> | 2004 09 11 | 704 | LINEAR               | (191769) | 2004 TB <sub>53</sub>  | 2004 10 04 | 691 | Spacewatch           |

|          |                        |            |     |                  |
|----------|------------------------|------------|-----|------------------|
| (191770) | 2004 TA <sub>55</sub>  | 2004 10 04 | 691 | Spacewatch       |
| (191771) | 2004 TH <sub>68</sub>  | 2004 10 05 | 699 | LONEOS           |
| (191772) | 2004 TE <sub>71</sub>  | 2004 10 06 | 691 | Spacewatch       |
| (191773) | 2004 TM <sub>73</sub>  | 2004 10 06 | 291 | Spacewatch       |
| (191774) | 2004 TA <sub>76</sub>  | 2004 10 06 | 644 | NEAT             |
| (191775) | 2004 TQ <sub>77</sub>  | 2004 10 12 | 152 | Moletai          |
| (191776) | 2004 TC <sub>79</sub>  | 2004 10 04 | 699 | LONEOS           |
| (191777) | 2004 TN <sub>85</sub>  | 2004 10 05 | 691 | Spacewatch       |
| (191778) | 2004 TA <sub>86</sub>  | 2004 10 05 | 691 | Spacewatch       |
| (191779) | 2004 TT <sub>91</sub>  | 2004 10 05 | 691 | Spacewatch       |
| (191780) | 2004 TA <sub>99</sub>  | 2004 10 05 | 691 | Spacewatch       |
| (191781) | 2004 TS <sub>99</sub>  | 2004 10 05 | 691 | Spacewatch       |
| (191782) | 2004 TW <sub>113</sub> | 2004 10 07 | 644 | NEAT             |
| (191783) | 2004 TX <sub>115</sub> | 2004 10 15 | 683 | Goodricke-Pigott |
| (191784) | 2004 TP <sub>122</sub> | 2004 10 07 | 699 | LONEOS           |
| (191785) | 2004 TP <sub>124</sub> | 2004 10 07 | 704 | LINEAR           |
| (191786) | 2004 TZ <sub>125</sub> | 2004 10 07 | 704 | LINEAR           |
| (191787) | 2004 TZ <sub>126</sub> | 2004 10 07 | 704 | LINEAR           |
| (191788) | 2004 TQ <sub>131</sub> | 2004 10 07 | 699 | LONEOS           |
| (191789) | 2004 TG <sub>132</sub> | 2004 10 07 | 699 | LONEOS           |
| (191790) | 2004 TC <sub>134</sub> | 2004 10 07 | 644 | NEAT             |
| (191791) | 2004 TM <sub>134</sub> | 2004 10 07 | 644 | NEAT             |
| (191792) | 2004 TV <sub>136</sub> | 2004 10 08 | 699 | LONEOS           |
| (191793) | 2004 TK <sub>154</sub> | 2004 10 06 | 691 | Spacewatch       |
| (191794) | 2004 TO <sub>161</sub> | 2004 10 06 | 691 | Spacewatch       |
| (191795) | 2004 TK <sub>170</sub> | 2004 10 07 | 704 | LINEAR           |
| (191796) | 2004 TQ <sub>178</sub> | 2004 10 07 | 691 | Spacewatch       |
| (191797) | 2004 TQ <sub>203</sub> | 2004 10 07 | 691 | Spacewatch       |
| (191798) | 2004 TA <sub>205</sub> | 2004 10 07 | 691 | Spacewatch       |
| (191799) | 2004 TL <sub>205</sub> | 2004 10 07 | 691 | Spacewatch       |
| (191800) | 2004 TW <sub>211</sub> | 2004 10 08 | 691 | Spacewatch       |
| (191801) | 2004 TC <sub>219</sub> | 2004 10 05 | 691 | Spacewatch       |
| (191802) | 2004 TZ <sub>220</sub> | 2004 10 07 | 704 | LINEAR           |
| (191803) | 2004 TJ <sub>223</sub> | 2004 10 07 | 704 | LINEAR           |
| (191804) | 2004 TX <sub>223</sub> | 2004 10 08 | 691 | Spacewatch       |
| (191805) | 2004 TS <sub>229</sub> | 2004 10 08 | 691 | Spacewatch       |
| (191806) | 2004 TG <sub>247</sub> | 2004 10 07 | 704 | LINEAR           |
| (191807) | 2004 TX <sub>247</sub> | 2004 10 07 | 704 | LINEAR           |
| (191808) | 2004 TX <sub>261</sub> | 2004 10 09 | 704 | LINEAR           |
| (191809) | 2004 TO <sub>263</sub> | 2004 10 09 | 691 | Spacewatch       |
| (191810) | 2004 TY <sub>276</sub> | 2004 10 09 | 691 | Spacewatch       |
| (191811) | 2004 TJ <sub>279</sub> | 2004 10 10 | 704 | LINEAR           |
| (191812) | 2004 TV <sub>280</sub> | 2004 10 10 | 691 | Spacewatch       |
| (191813) | 2004 TK <sub>286</sub> | 2004 10 08 | 691 | Spacewatch       |
| (191814) | 2004 TT <sub>292</sub> | 2004 10 10 | 704 | LINEAR           |
| (191815) | 2004 TR <sub>294</sub> | 2004 10 10 | 691 | Spacewatch       |
| (191816) | 2004 TO <sub>295</sub> | 2004 10 10 | 691 | Spacewatch       |
| (191817) | 2004 TY <sub>302</sub> | 2004 10 09 | 704 | LINEAR           |
| (191818) | 2004 TU <sub>306</sub> | 2004 10 10 | 704 | LINEAR           |
| (191819) | 2004 TV <sub>321</sub> | 2004 10 11 | 691 | Spacewatch       |
| (191820) | 2004 TO <sub>326</sub> | 2004 10 14 | 644 | NEAT             |
| (191821) | 2004 TT <sub>359</sub> | 2004 10 09 | 704 | LINEAR           |

|          |                        |            |     |             |
|----------|------------------------|------------|-----|-------------|
| (191822) | 2004 TY <sub>361</sub> | 2004 10 14 | 699 | LONEOS      |
| (191823) | 2004 UX <sub>1</sub>   | 2004 10 16 | 704 | LINEAR      |
| (191824) | 2004 UA <sub>3</sub>   | 2004 10 18 | 704 | LINEAR      |
| (191825) | 2004 UV <sub>5</sub>   | 2004 10 20 | 704 | LINEAR      |
| (191826) | 2004 UZ <sub>7</sub>   | 2004 10 21 | 704 | LINEAR      |
| (191827) | 2004 UW <sub>9</sub>   | 2004 10 18 | 704 | LINEAR      |
| (191828) | 2004 VF                | 2004 11 02 | 644 | NEAT        |
| (191829) | 2004 VR                | 2004 11 02 | 699 | LONEOS      |
| (191830) | 2004 VC <sub>2</sub>   | 2004 11 02 | 699 | LONEOS      |
| (191831) | 2004 VO <sub>3</sub>   | 2004 11 03 | 691 | Spacewatch  |
| (191832) | 2004 VS <sub>7</sub>   | 2004 11 03 | 691 | Spacewatch  |
| (191833) | 2004 VY <sub>7</sub>   | 2004 11 03 | 691 | Spacewatch  |
| (191834) | 2004 VT <sub>9</sub>   | 2004 11 03 | 699 | LONEOS      |
| (191835) | 2004 VU <sub>10</sub>  | 2004 11 03 | 703 | CSS         |
| (191836) | 2004 VG <sub>13</sub>  | 2004 11 03 | 644 | NEAT        |
| (191837) | 2004 VU <sub>13</sub>  | 2004 11 03 | 703 | CSS         |
| (191838) | 2004 VR <sub>14</sub>  | 2004 11 04 | 703 | CSS         |
| (191839) | 2004 VJ <sub>16</sub>  | 2004 11 04 | 735 | Needville   |
| (191840) | 2004 VG <sub>17</sub>  | 2004 11 03 | 691 | Spacewatch  |
| (191841) | 2004 VO <sub>20</sub>  | 2004 11 04 | 703 | CSS         |
| (191842) | 2004 VL <sub>24</sub>  | 2004 11 05 | 735 | Needville   |
| (191843) | 2004 VD <sub>26</sub>  | 2004 11 04 | 703 | CSS         |
| (191844) | 2004 VY <sub>26</sub>  | 2004 11 04 | 703 | CSS         |
| (191845) | 2004 VG <sub>34</sub>  | 2004 11 03 | 691 | Spacewatch  |
| (191846) | 2004 VO <sub>37</sub>  | 2004 11 04 | 691 | Spacewatch  |
| (191847) | 2004 VB <sub>39</sub>  | 2004 11 04 | 691 | Spacewatch  |
| (191848) | 2004 VP <sub>47</sub>  | 2004 11 04 | 691 | Spacewatch  |
| (191849) | 2004 VZ <sub>48</sub>  | 2004 11 04 | 691 | Spacewatch  |
| (191850) | 2004 VV <sub>54</sub>  | 2004 11 07 | 621 | Bickel, W.  |
| (191851) | 2004 VE <sub>57</sub>  | 2004 11 05 | 704 | LINEAR      |
| (191852) | 2004 VZ <sub>58</sub>  | 2004 11 09 | 703 | CSS         |
| (191853) | 2004 VH <sub>59</sub>  | 2004 11 09 | 703 | CSS         |
| (191854) | 2004 VV <sub>61</sub>  | 2004 11 06 | 704 | LINEAR      |
| (191855) | 2004 VX <sub>61</sub>  | 2004 11 06 | 704 | LINEAR      |
| (191856) | 2004 VW <sub>69</sub>  | 2004 11 11 | 461 | Piszkéstető |
| (191857) | 2004 VA <sub>70</sub>  | 2004 11 12 | 461 | Piszkéstető |
| (191858) | 2004 WV <sub>4</sub>   | 2004 11 18 | 599 | CINEOS      |
| (191859) | 2004 WJ <sub>7</sub>   | 2004 11 19 | 704 | LINEAR      |
| (191860) | 2004 WX <sub>8</sub>   | 2004 11 18 | 704 | LINEAR      |
| (191861) | 2004 XK <sub>8</sub>   | 2004 12 02 | 644 | NEAT        |
| (191862) | 2004 XQ <sub>10</sub>  | 2004 12 03 | 691 | Spacewatch  |
| (191863) | 2004 XG <sub>19</sub>  | 2004 12 08 | 704 | LINEAR      |
| (191864) | 2004 XV <sub>22</sub>  | 2004 12 08 | 704 | LINEAR      |
| (191865) | 2004 XO <sub>28</sub>  | 2004 12 10 | 704 | LINEAR      |
| (191866) | 2004 XW <sub>31</sub>  | 2004 12 10 | 691 | Spacewatch  |
| (191867) | 2004 XJ <sub>34</sub>  | 2004 12 11 | 704 | LINEAR      |
| (191868) | 2004 XD <sub>72</sub>  | 2004 12 14 | 699 | LONEOS      |
| (191869) | 2004 XH <sub>72</sub>  | 2004 12 14 | 703 | CSS         |
| (191870) | 2004 XT <sub>76</sub>  | 2004 12 10 | 704 | LINEAR      |
| (191871) | 2004 XP <sub>81</sub>  | 2004 12 10 | 704 | LINEAR      |
| (191872) | 2004 XW <sub>82</sub>  | 2004 12 11 | 691 | Spacewatch  |
| (191873) | 2004 XR <sub>83</sub>  | 2004 12 11 | 691 | Spacewatch  |

|                                 |            |     |                   |                                 |            |     |                   |
|---------------------------------|------------|-----|-------------------|---------------------------------|------------|-----|-------------------|
| (191874) 2004 XR <sub>89</sub>  | 2004 12 11 | 691 | Spacewatch        | (191926) 2005 SA <sub>83</sub>  | 2005 09 24 | 691 | Spacewatch        |
| (191875) 2004 XY <sub>92</sub>  | 2004 12 11 | 704 | LINEAR            | (191927) 2005 SV <sub>89</sub>  | 2005 09 24 | 691 | Spacewatch        |
| (191876) 2004 XC <sub>97</sub>  | 2004 12 11 | 691 | Spacewatch        | (191928) 2005 SR <sub>105</sub> | 2005 09 25 | 644 | NEAT              |
| (191877) 2004 XQ <sub>101</sub> | 2004 12 14 | 703 | CSS               | (191929) 2005 SN <sub>217</sub> | 2005 09 30 | 644 | NEAT              |
| (191878) 2004 XA <sub>103</sub> | 2004 12 14 | 699 | LONEOS            | (191930) 2005 SC <sub>257</sub> | 2005 09 22 | 644 | NEAT              |
| (191879) 2004 XQ <sub>107</sub> | 2004 12 11 | 704 | LINEAR            | (191931) 2005 TU <sub>99</sub>  | 2005 10 07 | 704 | LINEAR            |
| (191880) 2004 XJ <sub>108</sub> | 2004 12 11 | 704 | LINEAR            | (191932) 2005 TE <sub>104</sub> | 2005 10 08 | 704 | LINEAR            |
| (191881) 2004 XM <sub>108</sub> | 2004 12 02 | 703 | CSS               | (191933) 2005 TL <sub>105</sub> | 2005 10 08 | 704 | LINEAR            |
| (191882) 2004 XS <sub>108</sub> | 2004 12 11 | 704 | LINEAR            | (191934) 2005 TX <sub>107</sub> | 2005 10 06 | G96 | Mt. Lemmon Survey |
| (191883) 2004 XC <sub>144</sub> | 2004 12 12 | 704 | LINEAR            | (191935) 2005 UY <sub>2</sub>   | 2005 10 24 | 644 | NEAT              |
| (191884) 2004 XC <sub>145</sub> | 2004 12 13 | 704 | LINEAR            | (191936) 2005 UM <sub>4</sub>   | 2005 10 23 | H06 | Hutsebaut, R.     |
| (191885) 2004 XJ <sub>157</sub> | 2004 12 14 | 704 | LINEAR            | (191937) 2005 UD <sub>16</sub>  | 2005 10 22 | 691 | Spacewatch        |
| (191886) 2004 XR <sub>161</sub> | 2004 12 15 | 704 | LINEAR            | (191938) 2005 UA <sub>17</sub>  | 2005 10 22 | 691 | Spacewatch        |
| (191887) 2004 XU <sub>173</sub> | 2004 12 10 | 704 | LINEAR            | (191939) 2005 UV <sub>23</sub>  | 2005 10 23 | 691 | Spacewatch        |
| (191888) 2004 XP <sub>182</sub> | 2004 12 02 | 699 | LONEOS            | (191940) 2005 UV <sub>25</sub>  | 2005 10 23 | 691 | Spacewatch        |
| (191889) 2004 YK <sub>19</sub>  | 2004 12 18 | G96 | Mt. Lemmon Survey | (191941) 2005 UE <sub>40</sub>  | 2005 10 24 | 691 | Spacewatch        |
| (191890) 2004 YA <sub>21</sub>  | 2004 12 18 | G96 | Mt. Lemmon Survey | (191942) 2005 UH <sub>43</sub>  | 2005 10 22 | 691 | Spacewatch        |
| (191891) 2004 YA <sub>29</sub>  | 2004 12 16 | 691 | Spacewatch        | (191943) 2005 UM <sub>46</sub>  | 2005 10 22 | 691 | Spacewatch        |
| (191892) 2005 AZ <sub>11</sub>  | 2005 01 06 | 704 | LINEAR            | (191944) 2005 UG <sub>48</sub>  | 2005 10 22 | 644 | NEAT              |
| (191893) 2005 AS <sub>17</sub>  | 2005 01 06 | 704 | LINEAR            | (191945) 2005 UC <sub>72</sub>  | 2005 10 23 | 703 | CSS               |
| (191894) 2005 AN <sub>20</sub>  | 2005 01 06 | 704 | LINEAR            | (191946) 2005 UL <sub>86</sub>  | 2005 10 22 | 691 | Spacewatch        |
| (191895) 2005 AL <sub>31</sub>  | 2005 01 11 | 704 | LINEAR            | (191947) 2005 UZ <sub>100</sub> | 2005 10 22 | 691 | Spacewatch        |
| (191896) 2005 AH <sub>51</sub>  | 2005 01 13 | 703 | CSS               | (191948) 2005 UL <sub>105</sub> | 2005 10 22 | 691 | Spacewatch        |
| (191897) 2005 AW <sub>55</sub>  | 2005 01 15 | 704 | LINEAR            | (191949) 2005 UW <sub>105</sub> | 2005 10 22 | 691 | Spacewatch        |
| (191898) 2005 AJ <sub>79</sub>  | 2005 01 15 | 691 | Spacewatch        | (191950) 2005 UY <sub>111</sub> | 2005 10 22 | 691 | Spacewatch        |
| (191899) 2005 BP <sub>1</sub>   | 2005 01 17 | 246 | Kleť              | (191951) 2005 UG <sub>112</sub> | 2005 10 22 | 691 | Spacewatch        |
| (191900) 2005 BX <sub>6</sub>   | 2005 01 16 | 704 | LINEAR            | (191952) 2005 UF <sub>117</sub> | 2005 10 23 | 703 | CSS               |
| (191901) 2005 BK <sub>20</sub>  | 2005 01 16 | 704 | LINEAR            | (191953) 2005 UJ <sub>123</sub> | 2005 10 24 | 691 | Spacewatch        |
| (191902) 2005 BU <sub>45</sub>  | 2005 01 16 | 568 | Veillet, C.       | (191954) 2005 UQ <sub>153</sub> | 2005 10 26 | 691 | Spacewatch        |
| (191903) 2005 CE <sub>27</sub>  | 2005 02 02 | 691 | Spacewatch        | (191955) 2005 UB <sub>155</sub> | 2005 10 26 | 691 | Spacewatch        |
| (191904) 2005 CU <sub>37</sub>  | 2005 02 04 | H06 | Mayhill           | (191956) 2005 UG <sub>177</sub> | 2005 10 24 | 691 | Spacewatch        |
| (191905) 2005 CF <sub>57</sub>  | 2005 02 02 | 704 | LINEAR            | (191957) 2005 UP <sub>227</sub> | 2005 10 25 | 691 | Spacewatch        |
| (191906) 2005 EY <sub>35</sub>  | 2005 03 04 | 703 | CSS               | (191958) 2005 UY <sub>228</sub> | 2005 10 25 | 691 | Spacewatch        |
| (191907) 2005 EN <sub>115</sub> | 2005 03 04 | 704 | LINEAR            | (191959) 2005 UL <sub>241</sub> | 2005 10 25 | 291 | Spacewatch        |
| (191908) 2005 EX <sub>121</sub> | 2005 03 08 | 704 | LINEAR            | (191960) 2005 UY <sub>356</sub> | 2005 10 31 | G96 | Mt. Lemmon Survey |
| (191909) 2005 EV <sub>142</sub> | 2005 03 10 | 703 | CSS               | (191961) 2005 UV <sub>442</sub> | 2005 10 30 | 703 | CSS               |
| (191910) 2005 EO <sub>258</sub> | 2005 03 11 | G96 | Mt. Lemmon Survey | (191962) 2005 UJ <sub>483</sub> | 2005 10 22 | 703 | CSS               |
| (191911) 2005 GG <sub>41</sub>  | 2005 04 05 | G96 | Mt. Lemmon Survey | (191963) 2005 VW <sub>3</sub>   | 2005 11 06 | 704 | LINEAR            |
| (191912) 2005 JL <sub>133</sub> | 2005 05 14 | 691 | Spacewatch        | (191964) 2005 VF <sub>7</sub>   | 2005 11 12 | 704 | LINEAR            |
| (191913) 2005 LO <sub>25</sub>  | 2005 06 08 | 691 | Spacewatch        | (191965) 2005 VB <sub>15</sub>  | 2005 11 14 | 704 | LINEAR            |
| (191914) 2005 MT <sub>14</sub>  | 2005 06 29 | 691 | Spacewatch        | (191966) 2005 VU <sub>17</sub>  | 2005 11 04 | G96 | Mt. Lemmon Survey |
| (191915) 2005 MJ <sub>19</sub>  | 2005 06 29 | 644 | NEAT              | (191967) 2005 VV <sub>33</sub>  | 2005 11 02 | G96 | Mt. Lemmon Survey |
| (191916) 2005 OJ <sub>2</sub>   | 2005 07 28 | 428 | Broughton, J.     | (191968) 2005 VA <sub>43</sub>  | 2005 11 04 | 691 | Spacewatch        |
| (191917) 2005 QO <sub>71</sub>  | 2005 08 29 | 704 | LINEAR            | (191969) 2005 VD <sub>61</sub>  | 2005 11 05 | 703 | CSS               |
| (191918) 2005 QV <sub>73</sub>  | 2005 08 29 | 699 | LONEOS            | (191970) 2005 WF <sub>3</sub>   | 2005 11 20 | 699 | LONEOS            |
| (191919) 2005 QS <sub>157</sub> | 2005 08 27 | 699 | LONEOS            | (191971) 2005 WK <sub>14</sub>  | 2005 11 22 | 691 | Spacewatch        |
| (191920) 2005 SV <sub>29</sub>  | 2005 09 23 | 691 | Spacewatch        | (191972) 2005 WR <sub>18</sub>  | 2005 11 22 | 691 | Spacewatch        |
| (191921) 2005 SQ <sub>33</sub>  | 2005 09 23 | 691 | Spacewatch        | (191973) 2005 WC <sub>20</sub>  | 2005 11 21 | 691 | Spacewatch        |
| (191922) 2005 SB <sub>48</sub>  | 2005 09 24 | 691 | Spacewatch        | (191974) 2005 WG <sub>31</sub>  | 2005 11 21 | 691 | Spacewatch        |
| (191923) 2005 SU <sub>51</sub>  | 2005 09 24 | 691 | Spacewatch        | (191975) 2005 WN <sub>32</sub>  | 2005 11 21 | 691 | Spacewatch        |
| (191924) 2005 SG <sub>64</sub>  | 2005 09 26 | 691 | Spacewatch        | (191976) 2005 WR <sub>57</sub>  | 2005 11 21 | J95 | Birtwhistle, P.   |
| (191925) 2005 SS <sub>66</sub>  | 2005 09 27 | 691 | Spacewatch        | (191977) 2005 WW <sub>58</sub>  | 2005 11 30 | 691 | Spacewatch        |

|                                 |            |     |                   |                                 |            |     |                   |
|---------------------------------|------------|-----|-------------------|---------------------------------|------------|-----|-------------------|
| (191978) 2005 WB <sub>60</sub>  | 2005 11 21 | 703 | CSS               | (192030) 2005 YS <sub>224</sub> | 2005 12 25 | 691 | Spacewatch        |
| (191979) 2005 WZ <sub>62</sub>  | 2005 11 25 | 703 | CSS               | (192031) 2005 YU <sub>225</sub> | 2005 12 25 | 691 | Spacewatch        |
| (191980) 2005 WB <sub>67</sub>  | 2005 11 22 | 691 | Spacewatch        | (192032) 2005 YF <sub>247</sub> | 2005 12 30 | G96 | Mt. Lemmon Survey |
| (191981) 2005 WR <sub>71</sub>  | 2005 11 21 | 703 | CSS               | (192033) 2005 YG <sub>247</sub> | 2005 12 30 | G96 | Mt. Lemmon Survey |
| (191982) 2005 WV <sub>89</sub>  | 2005 11 26 | 703 | CSS               | (192034) 2005 YL <sub>269</sub> | 2005 12 25 | G96 | Mt. Lemmon Survey |
| (191983) 2005 WV <sub>94</sub>  | 2005 11 26 | 691 | Spacewatch        | (192035) 2005 YV <sub>273</sub> | 2005 12 30 | G96 | Mt. Lemmon Survey |
| (191984) 2005 WQ <sub>107</sub> | 2005 11 25 | G96 | Mt. Lemmon Survey | (192036) 2005 YW <sub>273</sub> | 2005 12 30 | G96 | Mt. Lemmon Survey |
| (191985) 2005 WB <sub>111</sub> | 2005 11 30 | 691 | Spacewatch        | (192037) 2005 YU <sub>274</sub> | 2005 12 25 | 703 | CSS               |
| (191986) 2005 WB <sub>140</sub> | 2005 11 26 | G96 | Mt. Lemmon Survey | (192038) 2005 YE <sub>275</sub> | 2005 12 25 | G96 | Mt. Lemmon Survey |
| (191987) 2005 WK <sub>144</sub> | 2005 11 30 | 644 | NEAT              | (192039) 2005 YM <sub>286</sub> | 2005 12 30 | 691 | Spacewatch        |
| (191988) 2005 WK <sub>153</sub> | 2005 11 29 | 691 | Spacewatch        | (192040) 2005 YF <sub>287</sub> | 2005 12 25 | 703 | CSS               |
| (191989) 2005 WS <sub>200</sub> | 2005 11 26 | 691 | Spacewatch        | (192041) 2005 YG <sub>287</sub> | 2005 12 29 | 704 | LINEAR            |
| (191990) 2005 WZ <sub>208</sub> | 2005 11 21 | 691 | Spacewatch        | (192042) 2006 AP <sub>4</sub>   | 2006 01 04 | 691 | Spacewatch        |
| (191991) 2005 XR <sub>1</sub>   | 2005 12 02 | 704 | LINEAR            | (192043) 2006 AK <sub>14</sub>  | 2006 01 05 | G96 | Mt. Lemmon Survey |
| (191992) 2005 XJ <sub>3</sub>   | 2005 12 01 | 704 | LINEAR            | (192044) 2006 AH <sub>32</sub>  | 2006 01 05 | 703 | CSS               |
| (191993) 2005 XX <sub>7</sub>   | 2005 12 01 | 691 | Spacewatch        | (192045) 2006 AX <sub>45</sub>  | 2006 01 05 | 691 | Spacewatch        |
| (191994) 2005 XV <sub>21</sub>  | 2005 12 02 | 704 | LINEAR            | (192046) 2006 AE <sub>73</sub>  | 2006 01 07 | 699 | LONEOS            |
| (191995) 2005 XG <sub>38</sub>  | 2005 12 04 | 691 | Spacewatch        | (192047) 2006 AX <sub>78</sub>  | 2006 01 05 | 691 | Spacewatch        |
| (191996) 2005 XM <sub>48</sub>  | 2005 12 02 | 704 | LINEAR            | (192048) 2006 AY <sub>85</sub>  | 2006 01 11 | 699 | LONEOS            |
| (191997) 2005 XK <sub>56</sub>  | 2005 12 05 | 704 | LINEAR            | (192049) 2006 AU <sub>92</sub>  | 2006 01 07 | G96 | Mt. Lemmon Survey |
| (191998) 2005 XB <sub>62</sub>  | 2005 12 05 | 704 | LINEAR            | (192050) 2006 AJ <sub>93</sub>  | 2006 01 07 | 691 | Spacewatch        |
| (191999) 2005 XG <sub>64</sub>  | 2005 12 06 | 291 | Spacewatch        | (192051) 2006 AT <sub>95</sub>  | 2006 01 09 | 691 | Spacewatch        |
| (192000) 2005 XW <sub>67</sub>  | 2005 12 05 | 704 | LINEAR            | (192052) 2006 AU <sub>96</sub>  | 2006 01 10 | 703 | CSS               |
| (192001) 2005 XG <sub>112</sub> | 2005 12 02 | 695 | Buie, M. W.       | (192053) 2006 AV <sub>96</sub>  | 2006 01 10 | 703 | CSS               |
| (192002) 2005 XB <sub>117</sub> | 2005 12 01 | G96 | Mt. Lemmon Survey | (192054) 2006 BO <sub>12</sub>  | 2006 01 21 | 691 | Spacewatch        |
| (192003) 2005 YH <sub>1</sub>   | 2005 12 21 | 703 | CSS               | (192055) 2006 BA <sub>36</sub>  | 2006 01 23 | 691 | Spacewatch        |
| (192004) 2005 YH <sub>24</sub>  | 2005 12 24 | 691 | Spacewatch        | (192056) 2006 BR <sub>40</sub>  | 2006 01 21 | 691 | Spacewatch        |
| (192005) 2005 YZ <sub>24</sub>  | 2005 12 24 | 691 | Spacewatch        | (192057) 2006 BC <sub>41</sub>  | 2006 01 22 | 699 | LONEOS            |
| (192006) 2005 YO <sub>29</sub>  | 2005 12 24 | 691 | Spacewatch        | (192058) 2006 BT <sub>43</sub>  | 2006 01 23 | 291 | Spacewatch        |
| (192007) 2005 YO <sub>33</sub>  | 2005 12 24 | 691 | Spacewatch        | (192059) 2006 BA <sub>45</sub>  | 2006 01 23 | G96 | Mt. Lemmon Survey |
| (192008) 2005 YJ <sub>35</sub>  | 2005 12 25 | 691 | Spacewatch        | (192060) 2006 BW <sub>58</sub>  | 2006 01 23 | 291 | Spacewatch        |
| (192009) 2005 YG <sub>41</sub>  | 2005 12 21 | 691 | Spacewatch        | (192061) 2006 BE <sub>60</sub>  | 2006 01 26 | 691 | Spacewatch        |
| (192010) 2005 YA <sub>42</sub>  | 2005 12 22 | 691 | Spacewatch        | (192062) 2006 BY <sub>79</sub>  | 2006 01 23 | 691 | Spacewatch        |
| (192011) 2005 YP <sub>42</sub>  | 2005 12 24 | 691 | Spacewatch        | (192063) 2006 BF <sub>83</sub>  | 2006 01 24 | 704 | LINEAR            |
| (192012) 2005 YT <sub>60</sub>  | 2005 12 22 | 691 | Spacewatch        | (192064) 2006 BX <sub>83</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192013) 2005 YR <sub>61</sub>  | 2005 12 24 | 691 | Spacewatch        | (192065) 2006 BY <sub>83</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192014) 2005 YV <sub>66</sub>  | 2005 12 25 | 691 | Spacewatch        | (192066) 2006 BF <sub>90</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192015) 2005 YU <sub>70</sub>  | 2005 12 27 | G96 | Mt. Lemmon Survey | (192067) 2006 BT <sub>90</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192016) 2005 YP <sub>72</sub>  | 2005 12 24 | 691 | Spacewatch        | (192068) 2006 BA <sub>93</sub>  | 2006 01 26 | 691 | Spacewatch        |
| (192017) 2005 YB <sub>77</sub>  | 2005 12 24 | 691 | Spacewatch        | (192069) 2006 BU <sub>93</sub>  | 2006 01 26 | 691 | Spacewatch        |
| (192018) 2005 YV <sub>109</sub> | 2005 12 25 | 691 | Spacewatch        | (192070) 2006 BH <sub>96</sub>  | 2006 01 26 | 691 | Spacewatch        |
| (192019) 2005 YA <sub>116</sub> | 2005 12 25 | 691 | Spacewatch        | (192071) 2006 BW <sub>96</sub>  | 2006 01 26 | G96 | Mt. Lemmon Survey |
| (192020) 2005 YJ <sub>148</sub> | 2005 12 25 | 691 | Spacewatch        | (192072) 2006 BG <sub>98</sub>  | 2006 01 27 | 291 | Spacewatch        |
| (192021) 2005 YN <sub>148</sub> | 2005 12 25 | 691 | Spacewatch        | (192073) 2006 BW <sub>98</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192022) 2005 YG <sub>158</sub> | 2005 12 27 | 691 | Spacewatch        | (192074) 2006 BY <sub>98</sub>  | 2006 01 25 | 691 | Spacewatch        |
| (192023) 2005 YK <sub>175</sub> | 2005 12 22 | 691 | Spacewatch        | (192075) 2006 BW <sub>101</sub> | 2006 01 23 | G96 | Mt. Lemmon Survey |
| (192024) 2005 YA <sub>176</sub> | 2005 12 22 | 691 | Spacewatch        | (192076) 2006 BO <sub>103</sub> | 2006 01 23 | G96 | Mt. Lemmon Survey |
| (192025) 2005 YH <sub>193</sub> | 2005 12 30 | 691 | Spacewatch        | (192077) 2006 BK <sub>116</sub> | 2006 01 26 | 691 | Spacewatch        |
| (192026) 2005 YM <sub>193</sub> | 2005 12 30 | 691 | Spacewatch        | (192078) 2006 BU <sub>123</sub> | 2006 01 26 | 691 | Spacewatch        |
| (192027) 2005 YG <sub>201</sub> | 2005 12 22 | 691 | Spacewatch        | (192079) 2006 BC <sub>126</sub> | 2006 01 26 | 691 | Spacewatch        |
| (192028) 2005 YO <sub>211</sub> | 2005 12 28 | 703 | CSS               | (192080) 2006 BF <sub>139</sub> | 2006 01 28 | G96 | Mt. Lemmon Survey |
| (192029) 2005 YS <sub>211</sub> | 2005 12 28 | 703 | CSS               | (192081) 2006 BW <sub>142</sub> | 2006 01 26 | 691 | Spacewatch        |

|          |                        |            |     |                   |          |                        |            |     |                        |
|----------|------------------------|------------|-----|-------------------|----------|------------------------|------------|-----|------------------------|
| (192082) | 2006 BX <sub>145</sub> | 2006 01 30 | H07 | Yeung, W. K. Y.   | (192134) | 2006 DJ <sub>124</sub> | 2006 02 24 | G96 | Mt. Lemmon Survey      |
| (192083) | 2006 BS <sub>155</sub> | 2006 01 25 | 691 | Spacewatch        | (192135) | 2006 DF <sub>159</sub> | 2006 02 27 | 691 | Spacewatch             |
| (192084) | 2006 BV <sub>155</sub> | 2006 01 25 | 691 | Spacewatch        | (192136) | 2006 DS <sub>160</sub> | 2006 02 27 | 691 | Spacewatch             |
| (192085) | 2006 BY <sub>163</sub> | 2006 01 26 | G96 | Mt. Lemmon Survey | (192137) | 2006 DZ <sub>187</sub> | 2006 02 27 | 691 | Spacewatch             |
| (192086) | 2006 BL <sub>166</sub> | 2006 01 26 | G96 | Mt. Lemmon Survey | (192138) | 2006 DX <sub>195</sub> | 2006 02 20 | 691 | Spacewatch             |
| (192087) | 2006 BM <sub>167</sub> | 2006 01 26 | G96 | Mt. Lemmon Survey | (192139) | 2006 DC <sub>198</sub> | 2006 02 25 | 699 | LONEOS                 |
| (192088) | 2006 BG <sub>169</sub> | 2006 01 26 | G96 | Mt. Lemmon Survey | (192140) | 2006 EV <sub>26</sub>  | 2006 03 03 | 691 | Spacewatch             |
| (192089) | 2006 BM <sub>183</sub> | 2006 01 27 | 699 | LONEOS            | (192141) | 2006 EB <sub>41</sub>  | 2006 03 04 | 691 | Spacewatch             |
| (192090) | 2006 BQ <sub>192</sub> | 2006 01 30 | 691 | Spacewatch        | (192142) | 2006 FB <sub>2</sub>   | 2006 03 23 | 703 | CSS                    |
| (192091) | 2006 BQ <sub>196</sub> | 2006 01 30 | 691 | Spacewatch        | (192143) | 2006 FC <sub>8</sub>   | 2006 03 23 | G96 | Mt. Lemmon Survey      |
| (192092) | 2006 BD <sub>200</sub> | 2006 01 30 | 291 | Spacewatch        | (192144) | 2006 FR <sub>9</sub>   | 2006 03 24 | H06 | Lowe, A.               |
| (192093) | 2006 BG <sub>200</sub> | 2006 01 31 | 691 | Spacewatch        | (192145) | 2006 FG <sub>21</sub>  | 2006 03 24 | G96 | Mt. Lemmon Survey      |
| (192094) | 2006 BH <sub>203</sub> | 2006 01 31 | 691 | Spacewatch        | (192146) | 2006 FP <sub>22</sub>  | 2006 03 24 | G96 | Mt. Lemmon Survey      |
| (192095) | 2006 BJ <sub>207</sub> | 2006 01 31 | G96 | Mt. Lemmon Survey | (192147) | 2006 FS <sub>40</sub>  | 2006 03 26 | 691 | Spacewatch             |
| (192096) | 2006 BX <sub>207</sub> | 2006 01 31 | 703 | CSS               | (192148) | 2006 FK <sub>43</sub>  | 2006 03 29 | 704 | LINEAR                 |
| (192097) | 2006 BF <sub>210</sub> | 2006 01 31 | 703 | CSS               | (192149) | 2006 FV <sub>47</sub>  | 2006 03 24 | 699 | LONEOS                 |
| (192098) | 2006 BT <sub>252</sub> | 2006 01 31 | 691 | Spacewatch        | (192150) | 2006 GC <sub>40</sub>  | 2006 04 06 | 704 | LINEAR                 |
| (192099) | 2006 BS <sub>253</sub> | 2006 01 31 | 691 | Spacewatch        | (192151) | 2006 HD <sub>5</sub>   | 2006 04 19 | 703 | CSS                    |
| (192100) | 2006 BA <sub>269</sub> | 2006 01 27 | 703 | CSS               | (192152) | 2006 HC <sub>7</sub>   | 2006 04 19 | 644 | NEAT                   |
| (192101) | 2006 BO <sub>270</sub> | 2006 01 31 | 703 | CSS               | (192153) | 2006 HH <sub>8</sub>   | 2006 04 19 | 691 | Spacewatch             |
| (192102) | 2006 BY <sub>278</sub> | 2006 01 26 | 691 | Spacewatch        | (192154) | 2006 HN <sub>9</sub>   | 2006 04 19 | 699 | LONEOS                 |
| (192103) | 2006 CL <sub>11</sub>  | 2006 02 01 | 691 | Spacewatch        | (192155) | 2006 HZ <sub>17</sub>  | 2006 04 21 | 461 | Sárneczky, K.          |
| (192104) | 2006 CK <sub>12</sub>  | 2006 02 01 | 691 | Spacewatch        | (192156) | 2006 HP <sub>42</sub>  | 2006 04 23 | 704 | LINEAR                 |
| (192105) | 2006 CL <sub>18</sub>  | 2006 02 01 | 691 | Spacewatch        | (192157) | 2006 VZ <sub>113</sub> | 2006 11 13 | 104 | San Marcello           |
| (192106) | 2006 CE <sub>23</sub>  | 2006 02 01 | 691 | Spacewatch        | (192158) | 2006 XF <sub>4</sub>   | 2006 12 14 | 198 | Apitzsch, R.           |
| (192107) | 2006 CD <sub>26</sub>  | 2006 02 02 | 691 | Spacewatch        | (192159) | 2007 BP <sub>16</sub>  | 2007 01 17 | 703 | CSS                    |
| (192108) | 2006 CO <sub>29</sub>  | 2006 02 02 | 691 | Spacewatch        | (192160) | 2007 BX <sub>28</sub>  | 2007 01 24 | 408 | Nyukasa                |
| (192109) | 2006 CK <sub>39</sub>  | 2006 02 02 | 691 | Spacewatch        | (192161) | 2007 CY <sub>3</sub>   | 2007 02 06 | G96 | Mt. Lemmon Survey      |
| (192110) | 2006 CR <sub>43</sub>  | 2006 02 02 | G96 | Mt. Lemmon Survey | (192162) | 2007 CN <sub>41</sub>  | 2007 02 07 | 691 | Spacewatch             |
| (192111) | 2006 CT <sub>44</sub>  | 2006 02 03 | 691 | Spacewatch        | (192163) | 2007 CM <sub>42</sub>  | 2007 02 07 | G96 | Mt. Lemmon Survey      |
| (192112) | 2006 CX <sub>56</sub>  | 2006 02 04 | 691 | Spacewatch        | (192164) | 2007 DB <sub>11</sub>  | 2007 02 17 | 691 | Spacewatch             |
| (192113) | 2006 CB <sub>57</sub>  | 2006 02 04 | G96 | Mt. Lemmon Survey | (192165) | 2007 DG <sub>13</sub>  | 2007 02 16 | 644 | NEAT                   |
| (192114) | 2006 CR <sub>66</sub>  | 2006 02 02 | 691 | Spacewatch        | (192166) | 2007 DJ <sub>18</sub>  | 2007 02 17 | 691 | Spacewatch             |
| (192115) | 2006 DG <sub>2</sub>   | 2006 02 20 | 691 | Spacewatch        | (192167) | 2007 DQ <sub>18</sub>  | 2007 02 17 | 691 | Spacewatch             |
| (192116) | 2006 DM <sub>9</sub>   | 2006 02 21 | 703 | CSS               | (192168) | 2007 DT <sub>53</sub>  | 2007 02 19 | G96 | Mt. Lemmon Survey      |
| (192117) | 2006 DF <sub>27</sub>  | 2006 02 20 | 691 | Spacewatch        | (192169) | 2007 DR <sub>75</sub>  | 2007 02 21 | 691 | Spacewatch             |
| (192118) | 2006 DN <sub>30</sub>  | 2006 02 20 | 691 | Spacewatch        | (192170) | 2007 DV <sub>82</sub>  | 2007 02 23 | 691 | Spacewatch             |
| (192119) | 2006 DG <sub>32</sub>  | 2006 02 20 | G96 | Mt. Lemmon Survey | (192171) | 2007 DC <sub>83</sub>  | 2007 02 24 | 704 | LINEAR                 |
| (192120) | 2006 DB <sub>44</sub>  | 2006 02 20 | 691 | Spacewatch        | (192172) | 2007 DO <sub>105</sub> | 2007 02 17 | 691 | Spacewatch             |
| (192121) | 2006 DG <sub>45</sub>  | 2006 02 20 | 691 | Spacewatch        | (192173) | 2007 EF <sub>42</sub>  | 2007 03 09 | 691 | Spacewatch             |
| (192122) | 2006 DB <sub>53</sub>  | 2006 02 24 | 691 | Spacewatch        | (192174) | 2007 EG <sub>51</sub>  | 2007 03 10 | 644 | NEAT                   |
| (192123) | 2006 DJ <sub>59</sub>  | 2006 02 24 | G96 | Mt. Lemmon Survey | (192175) | 2007 EL <sub>72</sub>  | 2007 03 10 | 691 | Spacewatch             |
| (192124) | 2006 DO <sub>59</sub>  | 2006 02 24 | G96 | Mt. Lemmon Survey | (192176) | 2007 ER <sub>149</sub> | 2007 03 12 | G96 | Mt. Lemmon Survey      |
| (192125) | 2006 DB <sub>69</sub>  | 2006 02 20 | 703 | CSS               | (192177) | 2007 EB <sub>182</sub> | 2007 03 14 | 691 | Spacewatch             |
| (192126) | 2006 DF <sub>74</sub>  | 2006 02 23 | 699 | LONEOS            | (192178) | 2007 EA <sub>200</sub> | 2007 03 10 | D29 | PMO Neo Survey Program |
| (192127) | 2006 DY <sub>77</sub>  | 2006 02 24 | 691 | Spacewatch        | (192179) | 2007 EQ <sub>210</sub> | 2007 03 08 | 644 | NEAT                   |
| (192128) | 2006 DV <sub>94</sub>  | 2006 02 24 | 691 | Spacewatch        | (192180) | 2007 ED <sub>213</sub> | 2007 03 14 | E12 | Siding Spring Survey   |
| (192129) | 2006 DN <sub>98</sub>  | 2006 02 25 | 691 | Spacewatch        | (192181) | 2007 EC <sub>214</sub> | 2007 03 12 | 691 | Spacewatch             |
| (192130) | 2006 DZ <sub>101</sub> | 2006 02 25 | 691 | Spacewatch        | (192182) | 2007 EP <sub>217</sub> | 2007 03 11 | G96 | Mt. Lemmon Survey      |
| (192131) | 2006 DD <sub>116</sub> | 2006 02 27 | 691 | Spacewatch        | (192183) | 2007 FG <sub>12</sub>  | 2007 03 17 | 699 | LONEOS                 |
| (192132) | 2006 DK <sub>120</sub> | 2006 02 21 | 703 | CSS               | (192184) | 2007 FW <sub>35</sub>  | 2007 03 25 | 703 | CSS                    |
| (192133) | 2006 DZ <sub>120</sub> | 2006 02 22 | 703 | CSS               | (192185) | 2007 FS <sub>43</sub>  | 2007 03 18 | 691 | Spacewatch             |

|          |                        |            |     |                          |
|----------|------------------------|------------|-----|--------------------------|
| (192186) | 2007 GA <sub>5</sub>   | 2007 04 12 | A44 | Ries, W.                 |
| (192187) | 2007 GF <sub>9</sub>   | 2007 04 08 | 691 | Spacewatch               |
| (192188) | 2007 GR <sub>9</sub>   | 2007 04 08 | E12 | Siding Spring Survey     |
| (192189) | 2007 GT <sub>23</sub>  | 2007 04 11 | 691 | Spacewatch               |
| (192190) | 2007 GG <sub>33</sub>  | 2007 04 11 | 703 | CSS                      |
| (192191) | 2007 GH <sub>39</sub>  | 2007 04 14 | 691 | Spacewatch               |
| (192192) | 2007 GX <sub>45</sub>  | 2007 04 14 | 691 | Spacewatch               |
| (192193) | 2007 GP <sub>48</sub>  | 2007 04 14 | 691 | Spacewatch               |
| (192194) | 2007 GW <sub>53</sub>  | 2007 04 14 | 691 | Spacewatch               |
| (192195) | 2007 GM <sub>71</sub>  | 2007 04 14 | 703 | CSS                      |
| (192196) | 2007 HU <sub>2</sub>   | 2007 04 16 | G96 | Mt. Lemmon Survey        |
| (192197) | 2007 HR <sub>4</sub>   | 2007 04 19 | J95 | Birtwhistle, P.          |
| (192198) | 2007 HJ <sub>12</sub>  | 2007 04 19 | G96 | Mt. Lemmon Survey        |
| (192199) | 2007 HE <sub>25</sub>  | 2007 04 18 | 691 | Spacewatch               |
| (192200) | 2007 HN <sub>52</sub>  | 2007 04 20 | 691 | Spacewatch               |
| (192201) | 2007 HA <sub>61</sub>  | 2007 04 20 | 691 | Spacewatch               |
| (192202) | 2007 HP <sub>70</sub>  | 2007 04 19 | 691 | Spacewatch               |
| (192203) | 2007 HH <sub>90</sub>  | 2007 04 22 | E12 | Siding Spring Survey     |
| (192204) | 2007 JN <sub>21</sub>  | 2007 05 12 | F85 | Hoenig, S. F., Teamo, N. |
| (192205) | 2007 JJ <sub>27</sub>  | 2007 05 09 | 691 | Spacewatch               |
| (192206) | 2007 JR <sub>28</sub>  | 2007 05 10 | G96 | Mt. Lemmon Survey        |
| (192207) | 2007 JB <sub>33</sub>  | 2007 05 12 | G96 | Mt. Lemmon Survey        |
| (192208) | 2007 JX <sub>33</sub>  | 2007 05 11 | D35 | LUSS                     |
| (192209) | 2007 JL <sub>38</sub>  | 2007 05 12 | G96 | Mt. Lemmon Survey        |
| (192210) | 2007 JY <sub>41</sub>  | 2007 05 15 | G96 | Mt. Lemmon Survey        |
| (192211) | 2007 KO <sub>3</sub>   | 2007 05 17 | 703 | CSS                      |
| (192212) | 2007 LM <sub>1</sub>   | 2007 06 05 | 703 | CSS                      |
| (192213) | 2007 LE <sub>28</sub>  | 2007 06 15 | 691 | Spacewatch               |
| (192214) | 2007 LA <sub>34</sub>  | 2007 06 05 | 703 | CSS                      |
| (192215) | 2007 MH <sub>19</sub>  | 2007 06 21 | G96 | Mt. Lemmon Survey        |
| (192216) | 2007 ML <sub>20</sub>  | 2007 06 23 | 691 | Spacewatch               |
| (192217) | 2007 PT <sub>9</sub>   | 2007 08 09 | A77 | Chante-Perdrix           |
| (192218) | 2007 PX <sub>45</sub>  | 2007 08 10 | 691 | Spacewatch               |
| (192219) | 2007 RO <sub>23</sub>  | 2007 09 03 | 703 | CSS                      |
| (192220) | 2007 RZ <sub>132</sub> | 2007 09 14 | B01 | Taunus                   |
| (192221) | 2007 RQ <sub>278</sub> | 2007 09 05 | E12 | Siding Spring Survey     |
| (192222) | 2007 RZ <sub>281</sub> | 2007 09 15 | 703 | CSS                      |
| (192223) | 2007 VM <sub>6</sub>   | 2007 11 03 | G96 | Mt. Lemmon Survey        |
| (192224) | 2007 VO <sub>6</sub>   | 2007 11 04 | G96 | Mt. Lemmon Survey        |
| (192225) | 2007 WT <sub>20</sub>  | 2007 11 18 | G96 | Mt. Lemmon Survey        |
| (192226) | 2008 AB <sub>112</sub> | 2008 01 15 | 691 | Spacewatch               |
| (192227) | 2008 AD <sub>118</sub> | 2008 01 13 | 703 | CSS                      |
| (192228) | 2008 BE <sub>33</sub>  | 2008 01 30 | 691 | Spacewatch               |
| (192229) | 2008 CA <sub>12</sub>  | 2008 02 03 | 691 | Spacewatch               |
| (192230) | 2008 CQ <sub>40</sub>  | 2008 02 02 | 691 | Spacewatch               |
| (192231) | 2008 CK <sub>45</sub>  | 2008 02 02 | 691 | Spacewatch               |
| (192232) | 2008 CN <sub>48</sub>  | 2008 02 03 | 691 | Spacewatch               |
| (192233) | 2008 CV <sub>83</sub>  | 2008 02 07 | 691 | Spacewatch               |
| (192234) | 2008 CS <sub>189</sub> | 2008 02 13 | 703 | CSS                      |
| (192235) | 2008 CE <sub>201</sub> | 2008 02 13 | G96 | Mt. Lemmon Survey        |
| (192236) | 2008 CO <sub>202</sub> | 2008 02 08 | 691 | Spacewatch               |
| (192237) | 2008 DS <sub>1</sub>   | 2008 02 24 | G96 | Mt. Lemmon Survey        |

|          |                        |            |     |                      |
|----------|------------------------|------------|-----|----------------------|
| (192238) | 2008 DP <sub>29</sub>  | 2008 02 26 | 691 | Spacewatch           |
| (192239) | 2008 DG <sub>40</sub>  | 2008 02 27 | 691 | Spacewatch           |
| (192240) | 2008 DL <sub>54</sub>  | 2008 02 27 | 703 | CSS                  |
| (192241) | 2008 DA <sub>70</sub>  | 2008 02 26 | G96 | Mt. Lemmon Survey    |
| (192242) | 2008 DF <sub>85</sub>  | 2008 02 28 | 691 | Spacewatch           |
| (192243) | 2008 EY <sub>32</sub>  | 2008 03 01 | 691 | Spacewatch           |
| (192244) | 2008 EP <sub>39</sub>  | 2008 03 04 | 691 | Spacewatch           |
| (192245) | 2008 EG <sub>50</sub>  | 2008 03 06 | G96 | Mt. Lemmon Survey    |
| (192246) | 2008 EY <sub>57</sub>  | 2008 03 07 | G96 | Mt. Lemmon Survey    |
| (192247) | 2008 EJ <sub>98</sub>  | 2008 03 02 | 703 | CSS                  |
| (192248) | 2008 EK <sub>99</sub>  | 2008 03 04 | 703 | CSS                  |
| (192249) | 2008 EC <sub>119</sub> | 2008 03 09 | G96 | Mt. Lemmon Survey    |
| (192250) | 2008 FS <sub>39</sub>  | 2008 03 28 | 691 | Spacewatch           |
| (192251) | 2008 FF <sub>69</sub>  | 2008 03 28 | G96 | Mt. Lemmon Survey    |
| (192252) | 2008 FC <sub>70</sub>  | 2008 03 28 | 691 | Spacewatch           |
| (192253) | 2008 FK <sub>80</sub>  | 2008 03 27 | G96 | Mt. Lemmon Survey    |
| (192254) | 2008 GB <sub>20</sub>  | 2008 04 03 | 691 | Spacewatch           |
| (192255) | 2008 GM <sub>36</sub>  | 2008 04 03 | 691 | Spacewatch           |
| (192256) | 2008 GS <sub>54</sub>  | 2008 04 05 | G96 | Mt. Lemmon Survey    |
| (192257) | 2008 GD <sub>60</sub>  | 2008 04 05 | 703 | CSS                  |
| (192258) | 2008 GB <sub>76</sub>  | 2008 04 07 | G96 | Mt. Lemmon Survey    |
| (192259) | 2008 GR <sub>107</sub> | 2008 04 12 | 703 | CSS                  |
| (192260) | 2008 GQ <sub>134</sub> | 2008 04 04 | 703 | CSS                  |
| (192261) | 2008 HB <sub>6</sub>   | 2008 04 24 | 691 | Spacewatch           |
| (192262) | 2008 HO <sub>8</sub>   | 2008 04 24 | 691 | Spacewatch           |
| (192263) | 2008 HZ <sub>16</sub>  | 2008 04 25 | 703 | CSS                  |
| (192264) | 2008 HH <sub>38</sub>  | 2008 04 28 | 704 | LINEAR               |
| (192265) | 2008 KV <sub>15</sub>  | 2008 05 27 | 691 | Spacewatch           |
| (192266) | 2008 KN <sub>31</sub>  | 2008 05 29 | 691 | Spacewatch           |
| (192267) | 2008 KT <sub>33</sub>  | 2008 05 29 | G96 | Mt. Lemmon Survey    |
| (192268) | 2008 LD <sub>12</sub>  | 2008 06 07 | 691 | Spacewatch           |
| (192269) | 2008 OB <sub>4</sub>   | 2008 07 26 | E12 | Siding Spring Survey |
| (192270) | 7642 P-L               | 1960 10 17 | 675 | van Houten & Gehrels |
| (192271) | 3310 T-1               | 1971 03 26 | 675 | van Houten & Gehrels |
| (192272) | 1132 T-2               | 1973 09 29 | 675 | van Houten & Gehrels |
| (192273) | 2299 T-2               | 1973 09 29 | 675 | van Houten & Gehrels |
| (192274) | 1169 T-3               | 1977 10 17 | 675 | van Houten & Gehrels |
| (192275) | 2227 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |
| (192276) | 2498 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |
| (192277) | 3126 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |
| (192278) | 3148 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |
| (192279) | 3153 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |
| (192280) | 3534 T-3               | 1977 10 16 | 675 | van Houten & Gehrels |

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2008 Nov. 30.0 TT):

| Object   | <i>H</i> | <i>M</i>  | $\omega$  | $\Omega$  | <i>i</i> | <i>e</i>  | <i>a</i>        | <i>MPO</i> |
|----------|----------|-----------|-----------|-----------|----------|-----------|-----------------|------------|
| (190282) | 16.4     | 28.61720  | 169.52057 | 203.98793 | 11.84711 | 0.2981153 | 2.4309423141937 |            |
| (190283) | 16.9     | 50.40514  | 26.25596  | 317.60722 | 4.45223  | 0.2123188 | 2.2457482141937 |            |
| (190284) | 17.3     | 347.05312 | 242.40378 | 146.25358 | 3.30019  | 0.1657035 | 2.2885177141938 |            |
| (190285) | 15.0     | 160.36940 | 172.17861 | 14.14649  | 13.52892 | 0.2418613 | 2.7447364141938 |            |
| (190286) | 15.8     | 293.69500 | 300.51435 | 165.34665 | 11.80041 | 0.2264968 | 2.6352979141938 |            |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (190287) | 15.4 | 358.71665 | 245.40560 | 140.21925 | 6.97497  | 0.0391278 | 2.6914386141938 | (190339) | 17.2 | 26.66611  | 350.89705 | 339.24541 | 5.56243  | 0.2904076 | 2.2535268141954 |
| (190288) | 16.9 | 33.51381  | 7.27953   | 320.70276 | 5.49337  | 0.1875777 | 2.3035663141939 | (190340) | 16.8 | 9.58626   | 189.29504 | 163.40904 | 6.39495  | 0.1901482 | 2.2637936141954 |
| (190289) | 16.1 | 11.31896  | 31.06051  | 317.86832 | 7.01223  | 0.2305418 | 2.7977947141939 | (190341) | 15.9 | 78.99146  | 319.17181 | 334.17139 | 2.57550  | 0.0652302 | 2.9801515141954 |
| (190290) | 15.9 | 37.75581  | 168.18823 | 191.57623 | 11.46194 | 0.1363288 | 2.7604438141939 | (190342) | 16.8 | 25.43821  | 307.95995 | 28.78797  | 7.09475  | 0.0943484 | 2.2774183141955 |
| (190291) | 17.9 | 80.97169  | 310.88381 | 328.11812 | 6.99358  | 0.0837586 | 2.1888985141940 | (190343) | 15.9 | 127.66088 | 11.54953  | 197.40123 | 10.12213 | 0.0533911 | 3.0664876141955 |
| (190292) | 15.6 | 358.38269 | 64.45442  | 328.23196 | 10.66609 | 0.3082050 | 2.6455198141940 | (190344) | 15.4 | 16.57002  | 287.76513 | 30.31605  | 11.10356 | 0.0863371 | 3.0988021141955 |
| (190293) | 16.1 | 255.36450 | 148.91227 | 327.18637 | 11.92973 | 0.1296761 | 2.6430991141940 | (190345) | 16.9 | 21.07799  | 281.83194 | 50.72576  | 5.29346  | 0.1565682 | 2.2859076141955 |
| (190294) | 12.7 | 287.92740 | 143.89043 | 296.27573 | 13.41448 | 0.1000477 | 5.2860207141940 | (190346) | 16.9 | 10.57340  | 302.41740 | 47.37552  | 7.20148  | 0.2864900 | 2.2555423141955 |
| (190295) | 17.0 | 311.90563 | 242.24295 | 190.17331 | 4.69928  | 0.1029518 | 2.2137727141941 | (190347) | 14.8 | 342.95592 | 325.32467 | 49.43767  | 9.77506  | 0.1351456 | 3.0441638141956 |
| (190296) | 17.2 | 154.74049 | 35.13536  | 162.09447 | 6.07580  | 0.0924036 | 2.2060698141941 | (190348) | 14.3 | 26.27985  | 109.50503 | 261.55322 | 9.65061  | 0.2558785 | 2.9282027141956 |
| (190297) | 15.7 | 64.93811  | 256.52025 | 27.64628  | 5.29173  | 0.1377975 | 2.7091571141941 | (190349) | 14.5 | 336.32345 | 149.04884 | 269.77976 | 24.69927 | 0.2551676 | 2.3036055141957 |
| (190298) | 17.6 | 300.19589 | 259.22460 | 193.06930 | 5.01431  | 0.0785109 | 2.2144552141942 | (190350) | 16.5 | 117.12631 | 261.77520 | 231.22780 | 7.63397  | 0.1601716 | 2.5247603141957 |
| (190299) | 15.6 | 332.52942 | 305.31638 | 112.38345 | 10.31224 | 0.1481922 | 2.7759467141942 | (190351) | 13.0 | 358.57645 | 145.86591 | 216.78631 | 6.15506  | 0.0506060 | 5.1142404141958 |
| (190300) | 14.9 | 312.36989 | 183.07669 | 209.38211 | 35.28707 | 0.2443735 | 2.5916776141942 | (190352) | 12.9 | 189.42000 | 293.83613 | 241.09463 | 6.11689  | 0.0335943 | 5.2348293141958 |
| (190301) | 13.0 | 83.06266  | 105.31067 | 174.54177 | 7.46420  | 0.0457604 | 5.2013737141942 | (190353) | 12.7 | 301.24691 | 193.94133 | 232.97917 | 18.69006 | 0.0711203 | 5.1422560141958 |
| (190302) | 15.7 | 43.27008  | 65.37271  | 275.56034 | 9.19397  | 0.1442653 | 2.5469079141943 | (190354) | 15.7 | 318.28821 | 323.80388 | 85.15995  | 2.68315  | 0.1563774 | 3.1715647141958 |
| (190303) | 16.6 | 351.46138 | 262.29508 | 119.54453 | 4.55808  | 0.2199333 | 2.6320365141943 | (190355) | 16.1 | 356.69506 | 81.06052  | 303.60722 | 7.40110  | 0.1482370 | 2.2815411141959 |
| (190304) | 16.4 | 41.18025  | 275.14244 | 60.09396  | 0.84821  | 0.0788815 | 2.7761426141943 | (190356) | 17.3 | 289.92090 | 135.20191 | 296.49200 | 0.61150  | 0.1319938 | 2.3842266141959 |
| (190305) | 16.2 | 100.14135 | 76.54545  | 188.33741 | 9.07486  | 0.1841606 | 2.9098000141943 | (190357) | 14.7 | 281.71888 | 295.23007 | 161.00114 | 26.56921 | 0.2331126 | 3.2010150141959 |
| (190306) | 14.7 | 175.91641 | 312.09382 | 226.09067 | 9.76617  | 0.0354139 | 3.0599687141944 | (190358) | 15.4 | 183.66081 | 269.19982 | 341.81948 | 8.16940  | 0.0493749 | 3.1676788141960 |
| (190307) | 15.7 | 79.10775  | 64.61685  | 181.57982 | 5.38115  | 0.1325268 | 3.1838455141944 | (190359) | 15.7 | 276.87541 | 308.24198 | 177.91626 | 23.53927 | 0.2183819 | 2.3474440141960 |
| (190308) | 16.1 | 44.25984  | 144.02755 | 151.07065 | 1.81044  | 0.1670349 | 3.1425774141944 | (190360) | 17.1 | 239.35794 | 309.52876 | 200.08049 | 1.04109  | 0.1078162 | 2.4050615141960 |
| (190309) | 12.6 | 340.07207 | 100.21169 | 280.59354 | 4.63103  | 0.0834346 | 5.1860283141944 | (190361) | 16.7 | 69.08328  | 108.94687 | 165.32477 | 13.47959 | 0.1987278 | 2.5751621141960 |
| (190310) | 15.4 | 22.78376  | 158.10364 | 196.34910 | 16.88579 | 0.2420705 | 3.1170641141945 | (190362) | 15.3 | 106.13330 | 124.44092 | 119.22688 | 10.41284 | 0.1651396 | 2.5813259141961 |
| (190311) | 12.8 | 257.66833 | 121.31389 | 349.60453 | 4.19246  | 0.0903303 | 5.2166943141945 | (190363) | 15.7 | 32.86076  | 154.00774 | 139.07148 | 14.33638 | 0.1696324 | 2.6499644141961 |
| (190312) | 16.5 | 309.12211 | 280.24802 | 145.67330 | 3.63799  | 0.1070607 | 2.4120623141945 | (190364) | 14.8 | 93.92352  | 92.04168  | 126.34116 | 28.81581 | 0.3233275 | 2.6219771141961 |
| (190313) | 16.7 | 16.85941  | 102.96320 | 249.54534 | 0.50429  | 0.1961235 | 2.4076880141946 | (190365) | 15.7 | 349.96956 | 227.33526 | 158.56289 | 8.98949  | 0.1599920 | 2.2426922141962 |
| (190314) | 15.1 | 345.32570 | 347.01375 | 37.28701  | 15.60632 | 0.2050155 | 3.2027510141946 | (190366) | 16.0 | 26.42903  | 11.80544  | 347.44411 | 4.45823  | 0.2786407 | 2.7232940141962 |
| (190315) | 16.2 | 329.62808 | 5.16068   | 48.04638  | 13.90042 | 0.2484261 | 2.4262500141946 | (190367) | 15.1 | 44.96889  | 331.86592 | 341.68774 | 11.56731 | 0.1889302 | 2.6900411141963 |
| (190316) | 14.8 | 2.68079   | 127.66868 | 279.22989 | 8.24022  | 0.3029834 | 3.1188218141947 | (190368) | 15.5 | 313.33802 | 123.95895 | 316.38222 | 9.53585  | 0.3116685 | 2.7857538141963 |
| (190317) | 17.3 | 339.71826 | 298.17112 | 110.21832 | 2.15271  | 0.2576861 | 2.4160939141947 | (190369) | 15.7 | 346.46428 | 199.83441 | 160.30956 | 13.98180 | 0.1594797 | 2.7843066141963 |
| (190318) | 16.6 | 302.44183 | 262.02854 | 145.42434 | 9.72397  | 0.1192588 | 2.5962910141947 | (190370) | 15.1 | 176.78903 | 201.24998 | 345.98283 | 16.18073 | 0.1104813 | 2.7124308141964 |
| (190319) | 16.1 | 242.71151 | 319.32218 | 183.17617 | 7.53139  | 0.1731241 | 2.5582131141947 | (190371) | 15.9 | 1.98210   | 152.08475 | 227.21200 | 3.03295  | 0.2424375 | 2.7255644141964 |
| (190320) | 15.4 | 53.53551  | 269.15700 | 15.16076  | 7.93117  | 0.2818018 | 2.7745134141948 | (190372) | 15.9 | 340.02325 | 42.76397  | 345.86668 | 8.75288  | 0.2714250 | 2.7710805141964 |
| (190321) | 16.1 | 263.44778 | 328.18889 | 149.89496 | 5.42564  | 0.1660718 | 2.5995792141948 | (190373) | 15.8 | 343.33824 | 39.12267  | 334.05324 | 3.39190  | 0.2150758 | 2.7849279141965 |
| (190322) | 15.5 | 61.71287  | 174.56738 | 105.74691 | 4.39985  | 0.1948515 | 2.7628114141949 | (190374) | 15.9 | 2.16470   | 16.92929  | 11.79538  | 11.86330 | 0.1908798 | 2.7054133141965 |
| (190323) | 15.9 | 92.35636  | 83.81627  | 138.82699 | 8.28120  | 0.1635450 | 2.8086387141949 | (190375) | 14.7 | 44.57412  | 338.15587 | 14.31924  | 25.83988 | 0.1179132 | 2.6862212141965 |
| (190324) | 17.3 | 30.80763  | 356.11752 | 328.86242 | 4.90664  | 0.2184322 | 2.2331659141949 | (190376) | 15.4 | 58.32901  | 351.18383 | 312.41920 | 14.03599 | 0.1922920 | 2.7051429141966 |
| (190325) | 15.3 | 322.23544 | 75.03362  | 315.36102 | 16.24483 | 0.1843756 | 2.9810889141950 | (190377) | 15.6 | 331.16804 | 238.16174 | 152.20023 | 9.80381  | 0.1643856 | 2.7836923141966 |
| (190326) | 16.8 | 24.07312  | 172.51684 | 192.53677 | 8.50260  | 0.1941498 | 2.2093175141950 | (190378) | 15.5 | 42.72414  | 42.37471  | 288.61286 | 6.92827  | 0.1798868 | 2.7008689141966 |
| (190327) | 16.4 | 18.75112  | 169.93123 | 216.20955 | 7.10302  | 0.2489560 | 2.2067895141950 | (190379) | 15.5 | 6.58768   | 151.27119 | 223.48008 | 8.16328  | 0.3211625 | 2.7279527141966 |
| (190328) | 17.1 | 7.65402   | 203.66234 | 177.41743 | 6.83730  | 0.1298737 | 2.2349860141950 | (190380) | 16.1 | 358.04770 | 285.71819 | 100.46730 | 3.03254  | 0.1448342 | 2.7043876141967 |
| (190329) | 16.2 | 304.85604 | 264.82434 | 163.47386 | 2.08828  | 0.0823235 | 2.9069792141951 | (190381) | 15.3 | 1.63883   | 73.48116  | 294.70198 | 6.47425  | 0.1850943 | 2.7165496141967 |
| (190330) | 17.1 | 15.04260  | 356.61553 | 352.58063 | 5.87507  | 0.1620782 | 2.2386692141951 | (190382) | 15.5 | 352.46209 | 205.37305 | 169.69108 | 9.52189  | 0.1544350 | 2.7220457141967 |
| (190331) | 16.2 | 29.42282  | 25.47238  | 326.31908 | 3.34813  | 0.1905147 | 2.2225993141951 | (190383) | 15.5 | 27.04627  | 40.35617  | 1.29064   | 5.21802  | 0.2812009 | 2.6211961141968 |
| (190332) | 16.7 | 24.08509  | 26.09657  | 330.35612 | 4.05000  | 0.2089603 | 2.2317827141952 | (190384) | 16.3 | 21.92558  | 342.75386 | 347.28210 | 4.72586  | 0.1675674 | 2.7558540141968 |
| (190333) | 15.2 | 49.63306  | 298.90468 | 344.53206 | 13.97723 | 0.1748493 | 2.9743924141952 | (190385) | 15.3 | 320.62815 | 189.60418 | 229.63283 | 8.62399  | 0.2505222 | 2.7751715141969 |
| (190334) | 16.9 | 352.43694 | 211.48045 | 164.38314 | 5.08783  | 0.2029290 | 2.2614071141952 | (190386) | 15.5 | 49.85198  | 87.28917  | 234.73327 | 8.18234  | 0.2161698 | 2.7050298141969 |
| (190335) | 15.7 | 19.63183  | 137.12016 | 223.03753 | 7.21627  | 0.2542664 | 2.8990554141952 | (190387) | 15.5 | 28.09191  | 61.56022  | 264.83578 | 6.95476  | 0.2062470 | 2.7683085141969 |
| (190336) | 17.1 | 4.23186   | 31.93244  | 321.73795 | 1.72777  | 0.1852994 | 2.2612433141953 | (190388) | 15.7 | 358.10479 | 31.25703  | 343.64905 | 5.60382  | 0.0382564 | 2.7131060141969 |
| (190337) | 14.9 | 7.03706   | 318.21366 | 22.36203  | 9.42274  | 0.0707859 | 2.9988148141953 | (190389) | 15.6 | 18.42952  | 60.45498  | 310.66852 | 10.14681 | 0.1713029 | 2.7072064141970 |
| (190338) | 16.4 | 26.18318  | 119.54329 | 223.98893 | 5.67213  | 0.1713925 | 2.2486247141953 | (190390) | 16.0 | 71.30982  | 321.25378 | 337.02941 | 3.03902  | 0.0471698 | 2.7227428141970 |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                  |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|------------------|
| (190391) | 16.2 | 300.31462 | 145.68667 | 263.27044 | 1.01352  | 0.0526112 | 2.8823735141970 | (190443) | 18.0 | 228.25837 | 164.52065 | 334.55492 | 1.25727  | 0.1143412 | 2.1732436141986  |
| (190392) | 15.9 | 347.22793 | 180.57347 | 189.64060 | 9.33322  | 0.1613132 | 2.7955680141971 | (190444) | 14.7 | 353.65531 | 86.91280  | 339.33150 | 5.20392  | 0.2665677 | 2.7947362141986  |
| (190393) | 15.2 | 342.83160 | 251.77713 | 160.27459 | 16.52179 | 0.3028703 | 2.7576143141971 | (190445) | 16.0 | 305.21877 | 280.98223 | 144.21498 | 2.74877  | 0.0504906 | 2.8666354141987  |
| (190394) | 15.4 | 330.21257 | 63.64508  | 334.80072 | 6.94040  | 0.2326834 | 2.7805275141971 | (190446) | 12.4 | 320.21367 | 51.74442  | 345.84412 | 7.44706  | 0.1098370 | 5.1911204141987  |
| (190395) | 15.1 | 334.59305 | 92.04955  | 303.88777 | 8.24079  | 0.1689392 | 2.7654747141971 | (190447) | 15.2 | 290.59957 | 119.52470 | 306.58106 | 4.11622  | 0.1174782 | 2.9335064141988  |
| (190396) | 15.6 | 46.36821  | 84.61414  | 233.57751 | 3.86851  | 0.1604944 | 2.7389356141972 | (190448) | 16.8 | 294.55629 | 162.60034 | 287.11870 | 3.05758  | 0.0984695 | 2.1671778141988  |
| (190397) | 16.0 | 321.77355 | 215.45825 | 206.28740 | 12.18333 | 0.2161460 | 2.7879187141972 | (190449) | 14.7 | 349.81455 | 178.62718 | 249.79555 | 12.48409 | 0.2226236 | 2.7211578141989  |
| (190398) | 16.3 | 342.16467 | 182.51168 | 205.92791 | 2.00451  | 0.2780877 | 2.7816647141972 | (190450) | 15.1 | 352.66922 | 277.92034 | 144.85336 | 5.79485  | 0.2687983 | 2.7766214141989  |
| (190399) | 15.3 | 47.15609  | 108.07766 | 186.12133 | 7.36482  | 0.2107446 | 2.7656759141973 | (190451) | 16.2 | 319.91981 | 317.68610 | 125.50605 | 24.42761 | 0.2301967 | 2.1509817141989  |
| (190400) | 15.6 | 357.90986 | 350.32123 | 12.05881  | 5.75208  | 0.1136735 | 2.7741107141973 | (190452) | 15.4 | 0.64468   | 52.88986  | 312.76777 | 17.19355 | 0.1944607 | 2.9947077141990  |
| (190401) | 15.8 | 341.28731 | 24.05370  | 15.53049  | 3.67918  | 0.0941590 | 2.7414692141973 | (190453) | 15.9 | 205.24392 | 346.46499 | 171.89596 | 1.06078  | 0.1109936 | 3.0389833141990  |
| (190402) | 15.7 | 328.74016 | 69.15158  | 321.73442 | 3.27155  | 0.1091153 | 2.8060413141974 | (190454) | 15.8 | 150.87493 | 172.04841 | 27.71548  | 0.78069  | 0.1058453 | 3.1731690141990  |
| (190403) | 15.4 | 10.32193  | 90.71999  | 273.40637 | 7.63013  | 0.2257023 | 2.7705418141974 | (190455) | 15.6 | 320.79986 | 271.04384 | 133.30621 | 9.61396  | 0.1224651 | 3.0137284141991  |
| (190404) | 15.2 | 33.41514  | 6.03926   | 347.78413 | 12.58411 | 0.1713288 | 2.7380034141974 | (190456) | 15.1 | 256.76400 | 306.36256 | 153.43696 | 8.91009  | 0.1220625 | 3.0660274141991  |
| (190405) | 15.2 | 29.42367  | 76.35955  | 286.76356 | 8.15026  | 0.1684206 | 2.7345812141974 | (190457) | 14.8 | 312.38878 | 112.64506 | 305.54852 | 9.40257  | 0.1047054 | 2.9842095141991  |
| (190406) | 15.2 | 30.09455  | 355.29569 | 11.72670  | 14.65950 | 0.2213247 | 2.7251664141975 | (190458) | 12.5 | 37.82773  | 229.84951 | 97.20457  | 4.55481  | 0.0568890 | 5.3097934141991  |
| (190407) | 15.7 | 16.58911  | 217.38762 | 124.25919 | 6.22611  | 0.1662677 | 2.7692961141975 | (190459) | 14.3 | 8.33444   | 34.53074  | 334.71500 | 9.52248  | 0.0969313 | 2.9845787141992  |
| (190408) | 15.8 | 29.99819  | 172.91719 | 172.09809 | 11.81560 | 0.2564513 | 2.7454526141975 | (190460) | 14.5 | 319.09451 | 119.43979 | 288.72854 | 8.82783  | 0.0948715 | 2.9806856141992  |
| (190409) | 16.2 | 36.53389  | 137.88350 | 192.76987 | 4.60834  | 0.1169101 | 2.7219818141976 | (190461) | 16.8 | 189.90441 | 50.98150  | 138.28602 | 5.97685  | 0.1004359 | 2.2350361141993  |
| (190410) | 16.5 | 126.68426 | 38.58513  | 206.79974 | 4.92991  | 0.0191895 | 2.7164624141976 | (190462) | 16.7 | 348.30488 | 101.30182 | 288.79883 | 4.57833  | 0.1197016 | 2.1934757141993  |
| (190411) | 15.9 | 338.93424 | 43.62133  | 330.41801 | 4.26073  | 0.0914928 | 2.7825307141976 | (190463) | 15.3 | 328.44338 | 88.97241  | 347.68195 | 11.19967 | 0.1745886 | 2.8876894141993  |
| (190412) | 14.9 | 322.54603 | 105.50097 | 293.81806 | 11.09341 | 0.1821342 | 2.7967711141976 | (190464) | 15.1 | 267.35540 | 308.19854 | 147.53644 | 12.99780 | 0.0812249 | 3.02589380141994 |
| (190413) | 15.6 | 358.06744 | 195.13418 | 172.66360 | 8.76824  | 0.2359570 | 2.8053002141977 | (190465) | 16.9 | 95.97599  | 87.27615  | 154.27298 | 6.14207  | 0.2434811 | 2.3366066141994  |
| (190414) | 16.6 | 43.74365  | 130.38050 | 185.21670 | 8.99041  | 0.1552180 | 2.7626811141977 | (190466) | 14.8 | 260.44018 | 313.67013 | 164.21453 | 14.14936 | 0.1259278 | 3.0319764141994  |
| (190415) | 16.1 | 344.56476 | 339.92820 | 39.00384  | 8.96249  | 0.2473162 | 2.7958460141977 | (190467) | 15.0 | 231.12897 | 148.47805 | 337.99874 | 16.19845 | 0.1153635 | 3.1082929141995  |
| (190416) | 15.7 | 43.59820  | 324.27202 | 41.07947  | 11.85350 | 0.1714774 | 2.7025032141977 | (190468) | 16.8 | 77.56065  | 119.93567 | 140.22605 | 6.78603  | 0.0976700 | 2.3001197141995  |
| (190417) | 15.4 | 348.66376 | 59.91297  | 357.82832 | 8.71846  | 0.2470145 | 2.7086794141978 | (190469) | 15.2 | 338.18046 | 59.89597  | 329.18810 | 8.99993  | 0.1914993 | 3.0266842141995  |
| (190418) | 15.6 | 342.26199 | 219.63045 | 195.10403 | 16.79693 | 0.3580383 | 2.7748323141978 | (190470) | 16.4 | 243.20173 | 351.32112 | 131.85066 | 0.96973  | 0.1376473 | 3.0727646141996  |
| (190419) | 16.1 | 6.91486   | 153.30533 | 212.71677 | 3.50885  | 0.2194026 | 2.7754961141978 | (190471) | 15.0 | 260.83660 | 309.48768 | 160.71778 | 9.58731  | 0.1149730 | 3.0580313141996  |
| (190420) | 16.1 | 350.08738 | 312.06206 | 76.30911  | 2.98546  | 0.2360924 | 2.8023248141979 | (190472) | 14.7 | 260.11815 | 312.77028 | 157.20020 | 16.65373 | 0.0805865 | 3.0929570141996  |
| (190421) | 16.0 | 322.29647 | 151.01057 | 256.07795 | 8.00662  | 0.1526228 | 2.8046300141979 | (190473) | 16.9 | 158.75170 | 234.98707 | 325.17536 | 2.69197  | 0.0580837 | 2.2789293141996  |
| (190422) | 16.1 | 21.78650  | 144.99247 | 207.98032 | 11.51962 | 0.2229115 | 2.7340035141979 | (190474) | 14.5 | 246.62162 | 128.68283 | 341.21485 | 9.32003  | 0.0578706 | 3.1528840141997  |
| (190423) | 15.9 | 358.60001 | 61.64046  | 306.30616 | 1.12310  | 0.0855911 | 2.8570933141980 | (190475) | 17.4 | 160.97507 | 260.14673 | 297.19888 | 1.49719  | 0.1393384 | 2.2949202141997  |
| (190424) | 15.1 | 343.40177 | 106.41616 | 275.59157 | 7.16798  | 0.2375969 | 2.8012171141980 | (190476) | 14.6 | 284.70693 | 117.05937 | 327.38069 | 5.67424  | 0.1628550 | 3.0894857141997  |
| (190425) | 16.2 | 35.64885  | 97.33838  | 236.99746 | 1.06652  | 0.0756849 | 2.8304461141980 | (190477) | 16.3 | 284.03941 | 93.61749  | 341.18053 | 6.23884  | 0.0514646 | 2.2700538141998  |
| (190426) | 17.6 | 54.99972  | 197.39019 | 87.21423  | 4.27433  | 0.1894151 | 2.1659478141981 | (190478) | 15.5 | 220.57530 | 341.08319 | 164.31308 | 6.14877  | 0.0984353 | 3.0752477141998  |
| (190427) | 16.1 | 15.65291  | 351.81553 | 16.80898  | 4.47362  | 0.0831496 | 2.7947806141981 | (190479) | 14.6 | 358.25671 | 30.45010  | 322.67664 | 21.19908 | 0.0770661 | 3.1245696141998  |
| (190428) | 15.9 | 6.08608   | 327.87030 | 21.85796  | 8.32665  | 0.2334077 | 2.7973276141981 | (190480) | 15.1 | 327.35030 | 247.37816 | 159.13044 | 11.18532 | 0.1282405 | 3.0522120141999  |
| (190429) | 15.4 | 349.91316 | 237.08261 | 173.78579 | 13.68449 | 0.2062089 | 2.7598806141981 | (190481) | 15.0 | 289.62109 | 108.04325 | 332.79867 | 12.83331 | 0.1542311 | 3.0554170141999  |
| (190430) | 15.0 | 346.42627 | 198.05960 | 224.63138 | 13.60348 | 0.1336438 | 2.7601177141982 | (190482) | 14.5 | 3.25751   | 31.55475  | 324.62730 | 15.86093 | 0.1308660 | 3.0789992141999  |
| (190431) | 15.2 | 80.44800  | 34.75427  | 287.65021 | 12.36447 | 0.1876315 | 2.6648227141982 | (190483) | 16.0 | 7.03129   | 45.63617  | 350.72490 | 5.63564  | 0.1320288 | 2.1815155142000  |
| (190432) | 15.9 | 346.39565 | 163.26934 | 225.76888 | 4.08124  | 0.1222682 | 2.7654065141983 | (190484) | 16.9 | 296.16049 | 107.62509 | 336.44325 | 5.88457  | 0.1149864 | 2.2250639142000  |
| (190433) | 15.8 | 319.92230 | 98.56374  | 323.90110 | 0.69703  | 0.0505670 | 2.8476634141983 | (190485) | 16.7 | 104.24412 | 96.54789  | 164.70321 | 7.43439  | 0.0945017 | 2.2891029142000  |
| (190434) | 14.9 | 51.12878  | 102.13926 | 243.84258 | 7.66676  | 0.1825994 | 2.7636466141983 | (190486) | 15.5 | 258.07824 | 316.16434 | 168.25864 | 9.45118  | 0.0869326 | 3.0632490142001  |
| (190435) | 15.1 | 205.41670 | 72.53890  | 77.40029  | 3.17640  | 0.0739843 | 2.9292771141984 | (190487) | 16.9 | 162.19890 | 151.86917 | 53.55788  | 0.40061  | 0.0316306 | 2.2759352142001  |
| (190436) | 15.1 | 336.43491 | 123.90177 | 312.88485 | 7.23308  | 0.2999980 | 2.7655512141984 | (190488) | 16.3 | 273.18366 | 151.24588 | 319.61848 | 2.60823  | 0.1187232 | 2.2332326142001  |
| (190437) | 14.8 | 295.11982 | 172.02120 | 280.02475 | 14.18823 | 0.0988780 | 2.8446953141985 | (190489) | 15.3 | 195.43313 | 358.44979 | 182.07001 | 16.29978 | 0.0872915 | 3.1713918142002  |
| (190438) | 15.2 | 3.58712   | 65.55712  | 321.96671 | 6.65944  | 0.2420185 | 2.8083270141985 | (190490) | 16.3 | 339.02435 | 50.35583  | 333.95391 | 5.66501  | 0.2268420 | 2.2084571142002  |
| (190439) | 15.1 | 338.47149 | 328.74059 | 71.33968  | 15.79010 | 0.2553035 | 2.8755093141985 | (190491) | 21.3 | 6.16253   | 232.08470 | 189.98094 | 5.28522  | 0.2340034 | 1.3178572142003  |
| (190440) | 16.2 | 7.93313   | 35.33474  | 331.93029 | 1.07991  | 0.0816420 | 2.9519307141985 | (190492) | 14.6 | 335.80685 | 42.09849  | 47.20807  | 9.47373  | 0.0296543 | 3.0285262142003  |
| (190441) | 15.9 | 346.11129 | 40.81623  | 0.51355   | 8.59449  | 0.2027766 | 2.8001745141986 | (190493) | 17.1 | 79.75542  | 100.06279 | 177.24686 | 3.74022  | 0.2269904 | 2.3490110142003  |
| (190442) | 13.0 | 276.04816 | 114.80469 | 354.14987 | 0.84841  | 0.1466484 | 5.1883825141986 | (190494) | 17.0 | 146.44296 | 344.72338 | 209.78038 | 6.84143  | 0.1034534 | 2.3551789142003  |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |            |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|------------|-----------------|
| (190495) | 15.9 | 49.52153  | 273.41500 | 36.03800  | 6.26324  | 0.2273312 | 2.3711794142004 | (190547) | 16.0 | 58.61115  | 19.31429  | 301.48910 | 3.91241  | 0.0061595  | 2.5133205142023 |
| (190496) | 16.4 | 77.45789  | 234.93247 | 28.84027  | 4.79826  | 0.1578262 | 2.3905913142004 | (190548) | 16.0 | 359.16340 | 148.84515 | 240.33450 | 7.14995  | 0.3154079  | 2.5405170142024 |
| (190497) | 16.4 | 110.04538 | 252.92354 | 335.97326 | 4.07668  | 0.1885932 | 2.3677855142004 | (190549) | 15.5 | 18.24726  | 348.27686 | 41.73630  | 6.33397  | 0.1238844  | 2.4740042142024 |
| (190498) | 16.1 | 69.65759  | 302.09274 | 344.48706 | 6.30224  | 0.1444288 | 2.3467429142005 | (190550) | 16.5 | 193.86617 | 217.44114 | 351.73281 | 18.54353 | 0.0525565  | 1.9081705142025 |
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| (190500) | 15.1 | 227.75093 | 335.85385 | 184.57654 | 10.58762 | 0.1705454 | 3.1284032142005 | (190552) | 16.6 | 325.33320 | 175.68226 | 234.54626 | 10.68601 | 0.1738116  | 2.5572878142026 |
| (190501) | 17.8 | 92.85260  | 354.06051 | 257.79369 | 0.66216  | 0.1498097 | 2.3684106142006 | (190553) | 16.0 | 6.22434   | 345.75045 | 8.46318   | 6.87311  | 0.1539305  | 2.5639790142026 |
| (190502) | 16.9 | 86.85889  | 2.97793   | 267.01700 | 1.81240  | 0.1864702 | 2.3568835142006 | (190554) | 16.8 | 7.64957   | 204.63883 | 165.88780 | 2.99991  | 0.2586880  | 2.5341561142026 |
| (190503) | 17.5 | 115.92153 | 212.62822 | 32.38939  | 2.57371  | 0.1429891 | 2.3449626142006 | (190555) | 15.8 | 333.93181 | 359.12854 | 32.20781  | 3.70581  | 0.2186513  | 2.5847745142027 |
| (190504) | 17.3 | 131.18805 | 58.61785  | 151.34255 | 2.64811  | 0.1342522 | 2.3557962142007 | (190556) | 16.0 | 61.12524  | 300.95723 | 57.81491  | 5.42513  | 0.1981877  | 2.4430255142027 |
| (190505) | 17.1 | 195.87984 | 335.53192 | 180.57361 | 5.46681  | 0.1295785 | 2.3291876142007 | (190557) | 16.6 | 353.75874 | 65.96113  | 317.32824 | 2.06190  | 0.0886575  | 2.5300002142028 |
| (190506) | 16.6 | 74.48329  | 291.05063 | 52.48670  | 4.94069  | 0.1719911 | 2.2579715142007 | (190558) | 17.1 | 37.34173  | 113.26247 | 207.41888 | 2.77160  | 0.1966918  | 2.5398229142028 |
| (190507) | 16.5 | 81.10037  | 46.05936  | 203.99732 | 1.75369  | 0.1657349 | 2.4119662142008 | (190559) | 16.3 | 10.05538  | 12.51533  | 32.27585  | 7.16377  | 0.1375455  | 2.4718250142028 |
| (190508) | 17.3 | 58.34650  | 63.93951  | 242.71928 | 0.99388  | 0.1726733 | 2.3794738142008 | (190560) | 15.6 | 37.01989  | 159.84689 | 181.05130 | 13.82373 | 0.1987451  | 2.5329583142029 |
| (190509) | 16.8 | 131.18421 | 14.89813  | 209.02703 | 6.56029  | 0.1187270 | 2.3605494142008 | (190561) | 15.9 | 357.51642 | 63.88552  | 324.12337 | 12.47651 | 0.1799725  | 2.5440914142029 |
| (190510) | 16.6 | 46.98162  | 282.16811 | 21.23647  | 2.49535  | 0.2126720 | 2.4026684142008 | (190562) | 17.0 | 5.48342   | 3.28207   | 22.20876  | 1.37639  | 0.1700539  | 2.5215058142030 |
| (190511) | 16.6 | 61.16297  | 330.21639 | 328.63098 | 1.69392  | 0.2090546 | 2.3807492142009 | (190563) | 15.9 | 9.68093   | 177.99697 | 182.52946 | 12.39940 | 0.1981020  | 2.5724168142030 |
| (190512) | 16.3 | 54.72010  | 256.15055 | 35.67444  | 7.55088  | 0.2534491 | 2.4243630142009 | (190564) | 15.2 | 193.98269 | 176.81041 | 11.97822  | 5.88271  | 0.0777016  | 2.5468166142030 |
| (190513) | 16.9 | 222.88709 | 173.00140 | 11.93676  | 6.95273  | 0.0503407 | 2.2562018142009 | (190565) | 14.8 | 104.81955 | 278.51681 | 323.35330 | 27.12458 | 0.1348252  | 2.5708324142031 |
| (190514) | 17.1 | 88.91891  | 68.98164  | 183.76148 | 2.35633  | 0.1617408 | 2.4002326142010 | (190566) | 15.8 | 300.79066 | 107.67882 | 318.03975 | 16.41413 | 0.1906968  | 2.6036230142031 |
| (190515) | 17.0 | 87.68804  | 345.48967 | 266.01316 | 1.98176  | 0.1807823 | 2.4117619142010 | (190567) | 16.6 | 20.57375  | 352.57984 | 330.21484 | 6.06849  | 0.3203576  | 2.5642189142032 |
| (190516) | 15.7 | 132.28894 | 101.30515 | 87.09431  | 13.59868 | 0.1415425 | 2.4228239142010 | (190568) | 17.3 | 29.46283  | 179.35999 | 145.71881 | 8.49005  | 0.23077196 | 2.5336483142032 |
| (190517) | 17.1 | 71.17156  | 143.35029 | 129.33626 | 3.93012  | 0.1815776 | 2.4341224142010 | (190569) | 16.1 | 44.09052  | 95.25665  | 215.22113 | 9.51755  | 0.1790511  | 2.5652221142032 |
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| (190525) | 15.4 | 359.77525 | 30.30470  | 37.53692  | 3.03514  | 0.1765331 | 2.4133076142013 | (190577) | 15.5 | 20.92583  | 31.69913  | 331.53537 | 15.43587 | 0.1889558  | 2.5236588142035 |
| (190526) | 16.4 | 355.78087 | 74.07199  | 298.79431 | 3.90573  | 0.1836733 | 2.5396229142014 | (190578) | 16.2 | 64.39656  | 307.08951 | 33.86050  | 10.33983 | 0.23687163 | 2.4693693142036 |
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|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (190703) | 15.4 | 248.29394 | 135.41314 | 358.99440 | 12.72699 | 0.0632454 | 2.9080278142081 | (190755) | 15.4 | 42.41932  | 19.81376  | 320.07858 | 5.82070  | 0.1499496 | 2.3152153142099 |
| (190704) | 14.5 | 218.83456 | 102.51190 | 22.69634  | 17.00932 | 0.0725127 | 3.0941316142082 | (190756) | 15.7 | 14.19821  | 347.60553 | 28.10834  | 25.70669 | 0.2620322 | 2.3501776142099 |
| (190705) | 14.9 | 177.22307 | 213.88605 | 329.62871 | 9.49369  | 0.0170456 | 2.9948047142082 | (190757) | 16.2 | 43.19404  | 114.85021 | 209.65802 | 2.57104  | 0.2197022 | 2.3438035142099 |
| (190706) | 15.0 | 11.57884  | 116.48491 | 306.68821 | 2.62392  | 0.3309099 | 2.6094856142082 | (190758) | 18.1 | 69.06700  | 130.26207 | 178.70435 | 13.94463 | 0.3645587 | 1.7491978142100 |
| (190707) | 17.0 | 122.68930 | 119.50955 | 119.15725 | 1.93854  | 0.1014146 | 2.1438783142083 | (190759) | 16.3 | 11.05105  | 169.96017 | 198.78767 | 5.72262  | 0.2540970 | 2.3480491142100 |
| (190708) | 16.6 | 190.23530 | 177.14272 | 11.03107  | 11.18659 | 0.0346807 | 2.9207829142083 | (190760) | 16.4 | 13.43115  | 77.95587  | 281.36528 | 6.10589  | 0.1557079 | 2.3150743142101 |
| (190709) | 15.1 | 314.06068 | 14.73538  | 71.63136  | 16.17360 | 0.2542621 | 2.7528091142083 | (190761) | 17.3 | 30.91718  | 71.09458  | 258.12016 | 5.84837  | 0.1363499 | 2.3068847142101 |
| (190710) | 14.8 | 33.42272  | 145.53819 | 186.17357 | 8.99746  | 0.0927030 | 3.0350674142084 | (190762) | 16.3 | 16.07132  | 65.87909  | 283.22296 | 7.27396  | 0.1340943 | 2.3373506142101 |
| (190711) | 14.5 | 97.55582  | 195.42766 | 15.77798  | 16.43177 | 0.1670829 | 3.1472426142084 | (190763) | 15.9 | 341.03900 | 112.18096 | 282.05927 | 5.83482  | 0.2074309 | 2.3627905142102 |
| (190712) | 14.7 | 238.07837 | 341.59198 | 145.26157 | 10.59246 | 0.1291392 | 2.9804133142085 | (190764) | 16.0 | 32.16712  | 32.46787  | 323.80134 | 6.00630  | 0.1678340 | 2.3120571142102 |
| (190713) | 17.5 | 33.19079  | 282.45271 | 40.20388  | 2.71664  | 0.1466807 | 2.1963855142085 | (190765) | 16.4 | 331.75782 | 333.35383 | 84.98787  | 5.76517  | 0.1991143 | 2.3436065142103 |
| (190714) | 16.8 | 84.21490  | 74.98677  | 211.20425 | 4.52638  | 0.1811923 | 2.1817905142085 | (190766) | 17.3 | 66.34165  | 37.62051  | 247.89387 | 4.75169  | 0.1654064 | 2.2958624142103 |
| (190715) | 16.6 | 31.05001  | 205.77803 | 127.85858 | 2.08942  | 0.2200856 | 2.2095711142085 | (190767) | 16.7 | 64.60320  | 323.78448 | 332.62718 | 4.93066  | 0.1888567 | 2.2856858142104 |
| (190716) | 17.0 | 37.95022  | 218.61864 | 122.42722 | 3.42992  | 0.2707195 | 2.2025111142086 | (190768) | 17.1 | 358.18228 | 265.63391 | 114.24636 | 7.02986  | 0.1522484 | 2.2909996142104 |
| (190717) | 16.7 | 156.79401 | 354.48793 | 196.14685 | 3.58365  | 0.0543660 | 2.1976351142086 | (190769) | 16.4 | 351.53451 | 108.62761 | 274.65439 | 7.36165  | 0.1572355 | 2.3335687142104 |
| (190718) | 15.8 | 131.47639 | 15.29415  | 204.08503 | 4.28642  | 0.1288395 | 3.1756780142087 | (190770) | 16.6 | 307.77808 | 192.63459 | 254.41033 | 4.74621  | 0.1504965 | 2.2765612142105 |
| (190719) | 16.6 | 335.46968 | 250.52273 | 142.34715 | 4.01274  | 0.2326606 | 2.2963367142087 | (190771) | 16.6 | 61.88581  | 262.61241 | 12.22735  | 3.62545  | 0.1730499 | 2.3224112142105 |
| (190720) | 17.0 | 39.14796  | 38.05807  | 293.00654 | 8.08886  | 0.2623890 | 2.2671311142087 | (190772) | 16.2 | 321.17061 | 100.55514 | 302.63255 | 10.59342 | 0.1122587 | 2.3171054142105 |
| (190721) | 16.4 | 0.57114   | 325.51844 | 18.69202  | 7.54917  | 0.1287321 | 2.3150552142087 | (190773) | 17.1 | 33.09776  | 157.28780 | 156.74258 | 2.87148  | 0.2435424 | 2.3324156142105 |
| (190722) | 16.1 | 0.92250   | 285.50760 | 86.83151  | 6.21716  | 0.1816701 | 2.3098130142088 | (190774) | 17.3 | 13.73615  | 346.55674 | 3.52372   | 0.84836  | 0.1501021 | 2.3224266142106 |
| (190723) | 16.4 | 15.94647  | 17.67390  | 343.94961 | 6.77463  | 0.1386701 | 2.2685363142088 | (190775) | 16.9 | 51.07564  | 285.91486 | 351.96712 | 6.40933  | 0.2242810 | 2.3591824142106 |
| (190724) | 17.1 | 18.45392  | 357.15071 | 19.75559  | 2.02598  | 0.2139907 | 2.2420857142088 | (190776) | 17.0 | 37.27478  | 168.62847 | 194.87213 | 1.19702  | 0.2424862 | 2.2831226142107 |
| (190725) | 15.5 | 353.34075 | 32.48211  | 348.63736 | 4.33136  | 0.2421778 | 2.3413478142089 | (190777) | 17.1 | 16.05267  | 278.55164 | 104.65478 | 0.63303  | 0.2378687 | 2.3012235142107 |
| (190726) | 15.6 | 326.93423 | 78.95743  | 336.59061 | 4.51144  | 0.1315401 | 2.3267073142089 | (190778) | 16.3 | 314.68192 | 138.41587 | 274.67107 | 3.79531  | 0.2118630 | 2.3719237142108 |
| (190727) | 15.8 | 31.15038  | 84.85201  | 289.14150 | 4.97189  | 0.2112307 | 2.2435121142090 | (190779) | 15.7 | 319.61036 | 326.54568 | 84.97408  | 7.00847  | 0.0928732 | 2.3113246142108 |
| (190728) | 18.0 | 74.30829  | 291.19810 | 1.28060   | 2.52135  | 0.2592199 | 2.2537201142091 | (190780) | 16.3 | 317.16648 | 322.57533 | 93.06597  | 6.43945  | 0.1739860 | 2.3283874142108 |
| (190729) | 16.1 | 64.34208  | 48.30663  | 260.76884 | 7.15667  | 0.1658432 | 2.2769102142091 | (190781) | 17.5 | 15.49077  | 249.71764 | 99.44755  | 5.73946  | 0.1892902 | 2.3018856142109 |
| (190730) | 16.5 | 50.62790  | 164.93466 | 155.12039 | 7.83790  | 0.1672840 | 2.2739503142091 | (190782) | 16.6 | 25.01579  | 275.55406 | 66.02763  | 7.41791  | 0.1664703 | 2.3088772142109 |
| (190731) | 16.6 | 30.47208  | 181.15400 | 156.42059 | 6.71849  | 0.2124768 | 2.2896671142092 | (190783) | 16.1 | 141.46207 | 231.21322 | 339.33272 | 6.09618  | 0.1095368 | 2.2790992142109 |
| (190732) | 16.7 | 47.78760  | 193.74273 | 105.58798 | 12.27862 | 0.1861212 | 2.3021497142092 | (190784) | 17.4 | 35.06459  | 77.28934  | 233.48330 | 2.14637  | 0.1815622 | 2.3127734142110 |
| (190733) | 16.3 | 17.07185  | 222.69652 | 110.66406 | 7.70323  | 0.1562882 | 2.3303106142092 | (190785) | 16.5 | 355.35176 | 38.59255  | 318.38247 | 4.53916  | 0.1337386 | 2.3532824142110 |
| (190734) | 16.9 | 358.43494 | 35.18268  | 343.79056 | 5.53499  | 0.1834486 | 2.2928023142092 | (190786) | 16.9 | 48.77766  | 135.69885 | 158.47116 | 11.05995 | 0.1836170 | 2.3190200142110 |
| (190735) | 16.2 | 12.78913  | 214.69120 | 135.41982 | 23.74098 | 0.2301880 | 2.2934174142093 | (190787) | 16.6 | 324.61437 | 79.72934  | 323.88293 | 5.04924  | 0.1269658 | 2.3435010142111 |
| (190736) | 15.9 | 324.70573 | 117.88420 | 312.34122 | 23.89666 | 0.2811378 | 2.2808418142093 | (190788) | 18.0 | 107.98127 | 199.52469 | 350.06749 | 20.13561 | 0.7919395 | 1.2682599142111 |
| (190737) | 17.1 | 39.67865  | 66.13090  | 263.11924 | 10.97621 | 0.2641771 | 2.2748951142093 | (190789) | 16.4 | 4.06877   | 188.50819 | 194.14715 | 2.01520  | 0.1529879 | 2.2804221142111 |
| (190738) | 16.6 | 342.10470 | 23.99170  | 22.74677  | 6.99449  | 0.1689958 | 2.2732557142094 | (190790) | 16.8 | 11.35056  | 27.88783  | 318.80337 | 1.77647  | 0.1609087 | 2.3228843142112 |
| (190739) | 17.3 | 78.83961  | 342.07543 | 289.26720 | 4.22022  | 0.1720413 | 2.2765721142094 | (190791) | 17.2 | 79.69211  | 195.43842 | 57.07337  | 1.32605  | 0.1764354 | 2.3367497142112 |
| (190740) | 17.1 | 80.43388  | 103.38142 | 161.98650 | 6.04008  | 0.1668248 | 2.2838408142094 | (190792) | 16.7 | 347.21183 | 24.41200  | 348.94551 | 6.61236  | 0.1356639 | 2.3391033142113 |
| (190741) | 17.2 | 355.12168 | 228.22397 | 149.38874 | 2.38505  | 0.2556272 | 2.3186284142094 | (190793) | 17.0 | 68.63268  | 305.35945 | 345.41646 | 2.58559  | 0.1523913 | 2.2960236142113 |
| (190742) | 16.8 | 10.71956  | 222.34251 | 140.29923 | 5.52290  | 0.1814700 | 2.2924048142095 | (190794) | 15.8 | 330.25341 | 96.51284  | 319.15106 | 6.21704  | 0.0722235 | 2.2686193142113 |
| (190743) | 16.4 | 83.84616  | 107.88681 | 158.20568 | 9.16085  | 0.1502544 | 2.2906484142095 | (190795) | 16.0 | 324.80073 | 338.10315 | 56.80182  | 7.22817  | 0.1077075 | 2.3461251142114 |
| (190744) | 16.7 | 75.79881  | 319.43932 | 322.52580 | 7.21037  | 0.1758383 | 2.2766285142095 | (190796) | 16.6 | 74.25850  | 49.31138  | 225.32917 | 4.75065  | 0.2283148 | 2.3196466142114 |
| (190745) | 17.0 | 45.81940  | 166.14404 | 141.33133 | 7.46222  | 0.2466817 | 2.2957989142096 | (190797) | 16.5 | 27.47391  | 351.41840 | 331.37834 | 7.59830  | 0.2242665 | 2.3374826142115 |
| (190746) | 16.3 | 72.85837  | 326.36623 | 347.94721 | 6.60171  | 0.1256746 | 2.2401831142096 | (190798) | 16.7 | 307.38074 | 39.13504  | 32.35128  | 7.47396  | 0.1641877 | 2.3542871142115 |
| (190747) | 16.3 | 7.90898   | 79.60237  | 297.91125 | 5.16607  | 0.1784394 | 2.2636503142096 | (190799) | 16.0 | 49.67308  | 73.76653  | 241.72120 | 4.53690  | 0.1710895 | 2.3218748142115 |
| (190748) | 16.3 | 201.19929 | 223.00494 | 313.98754 | 6.52675  | 0.0176394 | 2.2406886142097 | (190800) | 15.6 | 328.84134 | 149.79955 | 255.21148 | 5.69936  | 0.1170990 | 2.3564964142116 |
| (190749) | 17.8 | 37.40886  | 330.64303 | 344.96812 | 2.24119  | 0.2433315 | 2.2938505142097 | (190801) | 16.2 | 39.77703  | 65.64017  | 254.28769 | 3.91672  | 0.1834171 | 2.3389143142116 |
| (190750) | 16.8 | 49.80772  | 193.53741 | 96.93208  | 4.25848  | 0.2214423 | 2.3153668142097 | (190802) | 16.2 | 10.54542  | 5.34537   | 356.91514 | 7.36957  | 0.1579174 | 2.3514166142117 |
| (190751) | 16.7 | 29.51199  | 244.62457 | 97.49940  | 4.56758  | 0.1739861 | 2.2982139142097 | (190803) | 17.5 | 36.20026  | 159.99944 | 160.46933 | 1.57505  | 0.2421821 | 2.3227132142117 |
| (190752) | 16.5 | 41.97550  | 161.50964 | 154.26822 | 6.07197  | 0.1464053 | 2.3004641142098 | (190804) | 16.6 | 356.11119 | 171.51283 | 191.29504 | 5.25024  | 0.1205218 | 2.3570150142117 |
| (190753) | 16.6 | 335.56412 | 71.39458  | 314.38167 | 6.48858  | 0.1222267 | 2.3315731142098 | (190805) | 16.5 | 50.92248  | 269.90293 | 40.20245  | 6.65243  | 0.1130707 | 2.3294345142118 |
| (190754) | 16.9 | 47.34007  | 337.75333 | 353.27802 | 4.49665  | 0.2676849 | 2.3105039142098 | (190806) | 17.3 | 57.34554  | 265.71991 | 24.22506  | 5.27887  | 0.2760398 | 2.3233890142118 |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (190807) | 16.5 | 351.02543 | 48.85058  | 29.29030  | 4.37571  | 0.1083317 | 2.2464179142118 | (190859) | 16.0 | 63.36328  | 2.19766   | 324.81791 | 6.17289  | 0.1469315 | 2.3068975142137 |
| (190808) | 16.5 | 20.24334  | 231.61365 | 114.49165 | 4.92815  | 0.1515381 | 2.3076511142119 | (190860) | 16.6 | 347.37696 | 26.40568  | 10.42018  | 5.28997  | 0.2272156 | 2.3561249142138 |
| (190809) | 16.6 | 62.60967  | 269.35527 | 15.38703  | 10.01613 | 0.1456730 | 2.3254351142119 | (190861) | 16.4 | 22.36423  | 153.16014 | 196.57290 | 6.71008  | 0.1676870 | 2.3503578142138 |
| (190810) | 16.7 | 254.53282 | 339.24487 | 145.61022 | 5.44883  | 0.1337001 | 2.3093560142119 | (190862) | 16.5 | 357.23388 | 335.58311 | 32.23825  | 6.31056  | 0.1514926 | 2.3760540142139 |
| (190811) | 16.6 | 341.68903 | 258.74331 | 144.36987 | 3.98335  | 0.1530837 | 2.3059152142120 | (190863) | 16.7 | 349.54444 | 352.00983 | 25.29602  | 1.78664  | 0.1929172 | 2.3725026142139 |
| (190812) | 16.3 | 349.67510 | 21.78926  | 10.24510  | 6.39046  | 0.1062544 | 2.3017086142120 | (190864) | 16.9 | 106.78165 | 73.28606  | 162.93874 | 4.93141  | 0.0538854 | 2.3887286142139 |
| (190813) | 16.8 | 354.17317 | 350.83078 | 28.39066  | 1.56786  | 0.1556058 | 2.3228876142120 | (190865) | 17.0 | 25.14979  | 306.22973 | 45.06907  | 6.47290  | 0.2630188 | 2.3009504142140 |
| (190814) | 17.4 | 41.43834  | 344.45532 | 28.96377  | 4.73090  | 0.1696218 | 2.2369833142121 | (190866) | 16.5 | 66.65608  | 101.46783 | 202.33659 | 5.69584  | 0.2962294 | 2.3234335142140 |
| (190815) | 16.9 | 348.40290 | 220.39090 | 161.75016 | 10.37026 | 0.1233901 | 2.3364705142121 | (190867) | 15.4 | 229.13591 | 156.29878 | 8.58151   | 25.06905 | 0.1811317 | 2.3371189142140 |
| (190816) | 16.7 | 3.72319   | 327.03737 | 50.07427  | 2.59253  | 0.2599770 | 2.3243030142121 | (190868) | 16.8 | 351.68194 | 213.87852 | 162.00167 | 6.81531  | 0.1586135 | 2.3545387142141 |
| (190817) | 16.4 | 287.96730 | 303.82564 | 136.21734 | 5.15940  | 0.1954772 | 2.3809277142122 | (190869) | 17.4 | 3.61836   | 228.98106 | 132.74093 | 3.19453  | 0.2086827 | 2.3559475142141 |
| (190818) | 16.5 | 17.75709  | 4.45444   | 28.96380  | 5.44433  | 0.1916445 | 2.2793934142122 | (190870) | 16.0 | 340.52073 | 226.54823 | 163.57157 | 2.49449  | 0.1301560 | 2.3831188142141 |
| (190819) | 16.6 | 281.30727 | 303.39418 | 172.14441 | 7.14011  | 0.1627772 | 2.2849889142123 | (190871) | 16.9 | 13.71095  | 116.60717 | 234.31953 | 1.50264  | 0.2370018 | 2.3619546142142 |
| (190820) | 16.8 | 346.11598 | 50.36325  | 3.54368   | 6.40011  | 0.1649471 | 2.2902103142123 | (190872) | 16.4 | 59.60967  | 334.20085 | 309.42258 | 5.45081  | 0.1243576 | 2.3734957142142 |
| (190821) | 17.9 | 9.49280   | 320.74712 | 59.08592  | 0.78846  | 0.2206346 | 2.3013239142123 | (190873) | 16.0 | 253.84995 | 188.76128 | 300.37995 | 1.58614  | 0.1127923 | 2.3485909142142 |
| (190822) | 16.8 | 314.99815 | 207.82603 | 213.72962 | 2.18409  | 0.1983672 | 2.3547119142124 | (190874) | 16.8 | 324.33083 | 72.18586  | 349.03833 | 3.12777  | 0.1679090 | 2.3605982142143 |
| (190823) | 16.8 | 330.86953 | 138.48703 | 264.40990 | 1.49555  | 0.2008982 | 2.3529438142124 | (190875) | 15.8 | 32.93298  | 76.46894  | 267.08471 | 3.70439  | 0.1714331 | 2.3472516142143 |
| (190824) | 16.7 | 258.93939 | 302.55471 | 190.22886 | 1.36338  | 0.1434953 | 2.3143668142124 | (190876) | 16.5 | 353.44738 | 23.11596  | 349.39063 | 3.31223  | 0.2135392 | 2.3828562142144 |
| (190825) | 17.1 | 41.73099  | 114.05133 | 213.05820 | 1.61483  | 0.1918704 | 2.3101191142125 | (190877) | 16.5 | 26.81892  | 276.71771 | 63.89920  | 7.17171  | 0.1487772 | 2.3164189142144 |
| (190826) | 17.2 | 308.60180 | 248.89569 | 171.45036 | 4.07344  | 0.1132684 | 2.3703537142125 | (190878) | 17.1 | 27.62225  | 70.85317  | 252.98863 | 6.81545  | 0.1647716 | 2.3512105142144 |
| (190827) | 17.1 | 331.10099 | 315.89154 | 94.10241  | 2.51413  | 0.1850801 | 2.3534324142126 | (190879) | 15.9 | 11.72402  | 287.62571 | 67.07509  | 8.89219  | 0.2741475 | 2.3265998142145 |
| (190828) | 17.1 | 79.70601  | 292.63758 | 39.91006  | 5.61859  | 0.1454603 | 2.2371062142126 | (190880) | 16.9 | 275.83228 | 259.28820 | 211.73203 | 4.58372  | 0.0799344 | 2.3303800142145 |
| (190829) | 16.5 | 331.35820 | 308.97435 | 99.33183  | 3.19570  | 0.1543800 | 2.3451750142126 | (190881) | 15.5 | 22.64346  | 90.25169  | 292.59337 | 6.49166  | 0.1196020 | 2.3155926142145 |
| (190830) | 16.8 | 11.94062  | 169.93323 | 177.82571 | 10.17799 | 0.1761696 | 2.3663340142127 | (190882) | 15.6 | 97.94605  | 264.99512 | 27.57007  | 22.65773 | 0.1678110 | 2.3297608142146 |
| (190831) | 16.2 | 306.76418 | 279.66419 | 163.65648 | 6.26078  | 0.1528254 | 2.3632607142127 | (190883) | 16.9 | 66.38647  | 252.22100 | 29.35659  | 5.36328  | 0.1522964 | 2.3818733142146 |
| (190832) | 16.3 | 330.99869 | 285.06483 | 130.45562 | 5.78161  | 0.2062808 | 2.3674436142127 | (190884) | 16.8 | 218.00264 | 168.69546 | 344.79210 | 3.88831  | 0.0602263 | 2.3715745142147 |
| (190833) | 16.7 | 353.73885 | 274.54526 | 113.50790 | 3.26174  | 0.2144081 | 2.3524122142128 | (190885) | 16.5 | 339.04870 | 46.15717  | 339.94662 | 4.36757  | 0.2451312 | 2.3962918142147 |
| (190834) | 16.4 | 356.60334 | 296.94471 | 99.96723  | 3.42247  | 0.2390178 | 2.3396507142128 | (190886) | 16.2 | 20.71460  | 219.21231 | 137.71988 | 7.34217  | 0.1377787 | 2.3236779142147 |
| (190835) | 16.3 | 23.81616  | 60.81820  | 286.93222 | 2.95971  | 0.1840484 | 2.3347810142129 | (190887) | 16.8 | 270.28252 | 119.82851 | 351.83320 | 1.17058  | 0.1383187 | 2.3640603142148 |
| (190836) | 17.1 | 30.40291  | 141.07719 | 192.65280 | 2.64249  | 0.0957947 | 2.2951781142129 | (190888) | 16.1 | 22.92559  | 53.54315  | 297.88880 | 6.14149  | 0.1343772 | 2.3579204142148 |
| (190837) | 16.2 | 301.92160 | 123.17314 | 331.86782 | 4.49529  | 0.1824092 | 2.2997367142130 | (190889) | 16.3 | 39.37322  | 172.65548 | 134.90307 | 8.46715  | 0.2594727 | 2.3685846142148 |
| (190838) | 17.1 | 304.07949 | 222.28933 | 215.91159 | 1.00898  | 0.0968324 | 2.3223912142130 | (190890) | 16.5 | 312.94986 | 108.56895 | 306.34439 | 5.69762  | 0.0904483 | 2.3208765142149 |
| (190839) | 17.6 | 52.17012  | 310.42560 | 336.03526 | 2.81113  | 0.1792379 | 2.3471410142130 | (190891) | 15.9 | 44.57128  | 262.47079 | 57.53146  | 13.68421 | 0.2251610 | 2.3388728142149 |
| (190840) | 16.2 | 338.78492 | 178.58145 | 240.80473 | 6.13434  | 0.1795692 | 2.3161808142130 | (190892) | 16.6 | 355.28823 | 217.00747 | 179.86402 | 1.58060  | 0.2023647 | 2.3479816142149 |
| (190841) | 15.7 | 283.45270 | 123.56232 | 332.19834 | 4.69247  | 0.1810941 | 2.3873908142131 | (190893) | 16.9 | 339.70611 | 318.48838 | 84.80069  | 5.86273  | 0.1870879 | 2.3926782142150 |
| (190842) | 15.7 | 7.88829   | 41.56327  | 331.14771 | 6.27967  | 0.1301704 | 2.3456265142131 | (190894) | 16.8 | 2.95479   | 50.79729  | 304.85695 | 5.69494  | 0.1321747 | 2.3686734142150 |
| (190843) | 16.4 | 322.24176 | 227.07663 | 209.21832 | 4.99296  | 0.2161719 | 2.3267694142132 | (190895) | 16.9 | 334.81140 | 264.37466 | 138.33261 | 4.03903  | 0.1093342 | 2.3734756142150 |
| (190844) | 17.2 | 62.83025  | 6.64218   | 283.70346 | 1.92467  | 0.1695849 | 2.3091327142132 | (190896) | 15.4 | 331.45820 | 137.86944 | 264.53673 | 6.13717  | 0.1114421 | 2.3369727142151 |
| (190845) | 17.3 | 5.64712   | 57.78425  | 309.48063 | 1.75812  | 0.2050088 | 2.3261842142133 | (190897) | 16.0 | 52.58134  | 51.25125  | 264.60508 | 6.60128  | 0.1403765 | 2.3328132142151 |
| (190846) | 17.6 | 25.34056  | 355.58228 | 328.69234 | 2.18640  | 0.2428574 | 2.3404336142133 | (190898) | 16.4 | 53.87383  | 226.71202 | 85.86020  | 9.00886  | 0.2231302 | 2.3249240142151 |
| (190847) | 17.0 | 28.43749  | 348.15776 | 340.94167 | 2.37888  | 0.1868030 | 2.3370989142133 | (190899) | 16.9 | 327.11551 | 272.04219 | 129.33670 | 2.01328  | 0.1832891 | 2.3861746142152 |
| (190848) | 17.0 | 56.20730  | 35.90296  | 257.57001 | 2.29823  | 0.1427152 | 2.3362569142134 | (190900) | 16.8 | 347.19605 | 340.63840 | 42.55561  | 3.15092  | 0.2144910 | 2.3629792142152 |
| (190849) | 16.7 | 302.77134 | 90.57469  | 353.61709 | 2.30558  | 0.1655152 | 2.3517835142134 | (190901) | 16.4 | 315.88955 | 54.12159  | 358.83931 | 6.97418  | 0.0974663 | 2.3526061142153 |
| (190850) | 16.7 | 285.11108 | 231.99753 | 226.69677 | 4.06941  | 0.1621295 | 2.3610952142134 | (190902) | 16.6 | 315.47868 | 164.12052 | 263.23938 | 1.25232  | 0.1500071 | 2.3723225142153 |
| (190851) | 17.1 | 80.99059  | 136.46636 | 158.58292 | 2.64172  | 0.0749505 | 2.3105684142135 | (190903) | 17.0 | 322.50079 | 243.55196 | 165.06530 | 2.33116  | 0.1963522 | 2.3899392142153 |
| (190852) | 17.1 | 113.50202 | 93.93348  | 157.00614 | 5.27840  | 0.1372471 | 2.2765302142135 | (190904) | 16.8 | 348.59293 | 340.42993 | 37.70405  | 8.23860  | 0.1231457 | 2.3772796142154 |
| (190853) | 17.1 | 331.49128 | 228.47099 | 179.75767 | 3.58313  | 0.0656192 | 2.3080435142135 | (190905) | 17.4 | 28.62467  | 248.16621 | 77.66453  | 3.43616  | 0.2434085 | 2.3629792142154 |
| (190854) | 17.0 | 275.44250 | 266.94325 | 180.96688 | 0.91356  | 0.1447581 | 2.3713560142135 | (190906) | 17.3 | 9.51744   | 254.05253 | 109.28112 | 2.69369  | 0.2172882 | 2.3633730142154 |
| (190855) | 16.9 | 5.50181   | 237.55870 | 134.11997 | 3.19179  | 0.1772185 | 2.3154795142136 | (190907) | 16.6 | 299.40787 | 203.15289 | 238.94080 | 0.86901  | 0.1355587 | 2.3895654142155 |
| (190856) | 16.6 | 278.99375 | 75.96418  | 22.22071  | 4.40073  | 0.1286548 | 2.3743081142136 | (190908) | 16.7 | 250.57513 | 331.26357 | 151.32798 | 6.75949  | 0.0542082 | 2.3984863142155 |
| (190857) | 16.2 | 33.20979  | 287.09633 | 21.50945  | 7.11081  | 0.1363366 | 2.4062754142136 | (190909) | 17.4 | 1.29200   | 223.24682 | 150.84475 | 3.02205  | 0.2005413 | 2.3605567142155 |
| (190858) | 16.9 | 327.34459 | 169.21557 | 241.23621 | 0.98294  | 0.2297720 | 2.3664832142137 | (190910) | 17.2 | 48.00664  | 233.25569 | 69.36617  | 2.83163  | 0.2186353 | 2.3651874142156 |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (190911) | 17.2 | 353.35714 | 163.37683 | 208.04753 | 5.96283  | 0.1280758 | 2.3824146142156 | (190963) | 16.0 | 305.43205 | 323.73953 | 90.38626  | 11.97250 | 0.1415689 | 2.4381445142174 |
| (190912) | 17.1 | 51.59294  | 122.19678 | 177.72160 | 1.14553  | 0.1874242 | 2.3779282142156 | (190964) | 15.1 | 330.29953 | 91.86147  | 330.73564 | 7.98425  | 0.2056482 | 2.4365407142174 |
| (190913) | 16.3 | 6.13914   | 192.88513 | 160.74647 | 2.43699  | 0.1899752 | 2.3928343142156 | (190965) | 16.7 | 329.76411 | 276.74719 | 157.55945 | 1.67063  | 0.2173628 | 2.3594109142175 |
| (190914) | 17.1 | 25.09359  | 272.81847 | 67.99084  | 3.18127  | 0.2452279 | 2.3625740142157 | (190966) | 16.5 | 324.62641 | 265.91623 | 201.88239 | 1.83361  | 0.1700299 | 2.3240797142176 |
| (190915) | 16.5 | 37.86142  | 125.82489 | 212.39441 | 3.99858  | 0.1450918 | 2.3626960142157 | (190967) | 16.6 | 291.61313 | 327.66731 | 117.40005 | 2.16501  | 0.1548942 | 2.4466526142176 |
| (190916) | 15.9 | 357.87000 | 162.10902 | 231.31487 | 6.18486  | 0.1082138 | 2.3649462142158 | (190968) | 16.3 | 320.66400 | 70.32925  | 334.24122 | 7.21418  | 0.1107644 | 2.4325891142176 |
| (190917) | 16.5 | 214.49808 | 218.79685 | 299.74016 | 0.58006  | 0.1244322 | 2.3729819142158 | (190969) | 16.4 | 353.93297 | 80.74413  | 316.78905 | 8.82537  | 0.2009436 | 2.3723725142177 |
| (190918) | 15.9 | 95.62190  | 253.15023 | 4.33162   | 8.49564  | 0.1886893 | 2.3815505142158 | (190970) | 16.7 | 26.80843  | 358.75514 | 4.64764   | 8.12772  | 0.0774729 | 2.4142384142177 |
| (190919) | 16.8 | 238.14526 | 325.99279 | 175.45941 | 1.90455  | 0.1414634 | 2.4020713142159 | (190971) | 16.2 | 301.02196 | 353.91205 | 96.14329  | 2.43017  | 0.1478509 | 2.4001214142177 |
| (190920) | 17.6 | 50.83511  | 134.60614 | 182.50694 | 1.85642  | 0.1942309 | 2.3525817142159 | (190972) | 15.7 | 343.79588 | 138.54148 | 248.03995 | 5.41198  | 0.1380503 | 2.4600163142178 |
| (190921) | 16.8 | 355.69274 | 162.71849 | 225.69700 | 0.76392  | 0.1868040 | 2.3669727142159 | (190973) | 17.5 | 49.04658  | 339.66059 | 119.73907 | 3.30508  | 0.0289080 | 2.1494594142178 |
| (190922) | 16.6 | 32.32193  | 287.59311 | 62.07548  | 1.86686  | 0.2446821 | 2.3441391142160 | (190974) | 17.1 | 24.81266  | 203.85757 | 176.41296 | 2.47773  | 0.1625573 | 2.3297360142178 |
| (190923) | 16.9 | 320.42013 | 268.97459 | 155.82725 | 1.39053  | 0.1705175 | 2.3882282142160 | (190975) | 16.5 | 26.97621  | 304.69088 | 25.70050  | 2.37953  | 0.2266666 | 2.3870980142179 |
| (190924) | 17.2 | 19.72960  | 250.42218 | 100.24441 | 3.49703  | 0.2076996 | 2.3709998142161 | (190976) | 17.1 | 298.69862 | 60.37698  | 29.02751  | 0.08665  | 0.1748853 | 2.4142757142179 |
| (190925) | 16.5 | 338.94453 | 240.21745 | 147.40608 | 6.48753  | 0.1118306 | 2.4046720142161 | (190977) | 16.4 | 350.34100 | 24.92223  | 21.84716  | 3.04690  | 0.1452759 | 2.3797203142179 |
| (190926) | 17.1 | 45.29268  | 73.75134  | 219.41476 | 4.06617  | 0.2353785 | 2.3458209142161 | (190978) | 15.5 | 20.36076  | 99.75621  | 297.20652 | 6.93424  | 0.1273650 | 2.3468694142180 |
| (190927) | 16.3 | 17.45394  | 240.55850 | 90.64556  | 8.03966  | 0.1289379 | 2.3799015142161 | (190979) | 17.0 | 359.16394 | 173.02772 | 192.69560 | 2.23770  | 0.1955603 | 2.4224231142180 |
| (190928) | 17.0 | 64.13770  | 311.61042 | 331.59102 | 1.91928  | 0.0749779 | 2.3893820142162 | (190980) | 17.1 | 335.26831 | 177.95068 | 224.69588 | 0.68960  | 0.1809891 | 2.4174967142180 |
| (190929) | 16.5 | 51.80490  | 287.48817 | 355.55779 | 3.28990  | 0.1633122 | 2.4279948142162 | (190981) | 16.7 | 11.94097  | 116.29952 | 242.34072 | 2.90014  | 0.2082600 | 2.4087936142181 |
| (190930) | 16.6 | 284.49571 | 148.96397 | 290.83138 | 1.43189  | 0.1854625 | 2.4338830142162 | (190982) | 16.5 | 41.97905  | 70.33483  | 262.44822 | 5.77574  | 0.1494359 | 2.4156044142181 |
| (190931) | 17.4 | 39.58962  | 346.74107 | 334.59575 | 1.97404  | 0.1887499 | 2.3646968142162 | (190983) | 16.5 | 331.39384 | 218.74055 | 173.51395 | 2.49406  | 0.2204454 | 2.4521824142181 |
| (190932) | 17.1 | 24.02768  | 32.84863  | 303.57650 | 1.48807  | 0.1848654 | 2.3766978142163 | (190984) | 16.8 | 317.62252 | 169.58384 | 251.51999 | 1.38571  | 0.1922087 | 2.4450394142182 |
| (190933) | 16.0 | 333.54052 | 61.53793  | 339.25112 | 8.52456  | 0.0987132 | 2.4138549142163 | (190985) | 16.5 | 351.78899 | 254.20563 | 123.89743 | 6.58600  | 0.1514344 | 2.4629247142182 |
| (190934) | 16.8 | 347.34665 | 153.73588 | 228.97460 | 2.23364  | 0.1463126 | 2.3868725142163 | (190986) | 17.1 | 353.18144 | 290.34532 | 102.13544 | 2.06486  | 0.1706318 | 2.4342031142182 |
| (190935) | 16.3 | 13.81662  | 344.61522 | 27.56583  | 2.77559  | 0.2163503 | 2.3450942142164 | (190987) | 16.7 | 300.79750 | 315.28241 | 120.29534 | 6.75460  | 0.0728722 | 2.4142332142183 |
| (190936) | 16.6 | 330.81078 | 312.13035 | 90.54093  | 3.50859  | 0.1903749 | 2.4027306142164 | (190988) | 16.3 | 29.79794  | 186.01064 | 217.16882 | 5.89896  | 0.2256846 | 2.3184576142183 |
| (190937) | 16.1 | 40.93588  | 93.57166  | 251.82428 | 4.34378  | 0.2686047 | 2.3314436142165 | (190989) | 16.6 | 12.11967  | 41.11251  | 305.16671 | 3.75307  | 0.2711507 | 2.3900795142183 |
| (190938) | 16.9 | 349.61364 | 31.55179  | 4.64045   | 0.98554  | 0.1813780 | 2.3811902142165 | (190990) | 16.6 | 306.39921 | 263.98545 | 175.13596 | 6.74231  | 0.1956072 | 2.3976633142184 |
| (190939) | 16.4 | 349.27504 | 327.53309 | 40.78908  | 3.30305  | 0.1906153 | 2.4336581142165 | (190991) | 15.7 | 287.37129 | 81.98254  | 6.14647   | 1.89919  | 0.1442547 | 2.4691758142184 |
| (190940) | 15.7 | 207.42870 | 262.96498 | 262.59688 | 5.14063  | 0.1012727 | 2.4737859142166 | (190992) | 15.9 | 3.56522   | 13.84351  | 24.25487  | 2.84418  | 0.2162690 | 2.3603127142184 |
| (190941) | 15.8 | 219.14327 | 144.22286 | 29.71438  | 2.49110  | 0.2387290 | 2.4383235142166 | (190993) | 17.4 | 316.88489 | 201.12394 | 213.82213 | 0.65625  | 0.1762354 | 2.4118704142185 |
| (190942) | 16.9 | 290.09839 | 110.04883 | 344.90572 | 2.01844  | 0.1750042 | 2.4257654142166 | (190994) | 16.4 | 24.25398  | 141.24577 | 196.97554 | 1.72064  | 0.2280666 | 2.3868620142185 |
| (190943) | 17.1 | 4.88523   | 67.53453  | 317.85199 | 0.45262  | 0.1906119 | 2.3665875142167 | (190995) | 15.5 | 183.25171 | 269.58652 | 252.52067 | 12.71991 | 0.1246728 | 2.5804653142185 |
| (190944) | 15.7 | 320.19615 | 168.62687 | 260.53779 | 6.52347  | 0.1507737 | 2.4126388142167 | (190996) | 16.8 | 300.65406 | 155.12593 | 274.60997 | 1.32359  | 0.2110897 | 2.4906600142186 |
| (190945) | 15.0 | 246.05537 | 210.05701 | 268.19241 | 12.05600 | 0.1916937 | 2.5361783142168 | (190997) | 17.0 | 303.28958 | 163.88855 | 261.69733 | 0.47496  | 0.1662965 | 2.4559219142186 |
| (190946) | 16.8 | 310.45513 | 97.32553  | 340.84390 | 6.78170  | 0.1973356 | 2.3687655142168 | (190998) | 15.9 | 84.73188  | 156.49939 | 99.01933  | 15.83364 | 0.0684122 | 2.5924570142187 |
| (190947) | 16.8 | 15.19337  | 12.66993  | 1.73992   | 3.46505  | 0.1880516 | 2.3269660142168 | (190999) | 16.9 | 24.64671  | 9.18264   | 328.17770 | 1.57638  | 0.2518626 | 2.3855316142187 |
| (190948) | 16.3 | 49.92773  | 318.71370 | 347.87459 | 6.06597  | 0.1562473 | 2.3872428142169 | (191000) | 17.1 | 25.43171  | 289.39513 | 58.47883  | 3.13930  | 0.2199698 | 2.3941496142187 |
| (190949) | 16.8 | 36.00690  | 344.25250 | 16.63740  | 3.65955  | 0.1789532 | 2.3110758142169 | (191001) | 16.0 | 322.27801 | 68.24632  | 42.76514  | 3.13100  | 0.1664862 | 2.3411274142187 |
| (190950) | 16.5 | 14.90856  | 310.13674 | 25.88875  | 5.15896  | 0.1677133 | 2.4127671142169 | (191002) | 15.6 | 30.48546  | 69.99211  | 291.24565 | 5.94766  | 0.1350837 | 2.4071760142188 |
| (190951) | 15.9 | 270.43369 | 122.81455 | 332.42745 | 2.63792  | 0.1293727 | 2.4431713142170 | (191003) | 16.6 | 221.05280 | 172.63514 | 324.96925 | 4.68830  | 0.2410035 | 2.5844632142188 |
| (190952) | 16.2 | 6.84785   | 350.06501 | 16.58025  | 2.79411  | 0.1857814 | 2.3726051142170 | (191004) | 16.2 | 344.70571 | 108.19863 | 289.61533 | 11.55538 | 0.1892505 | 2.4353316142189 |
| (190953) | 17.1 | 349.68245 | 110.57832 | 282.91028 | 3.57845  | 0.2466654 | 2.3749155142170 | (191005) | 15.9 | 0.55860   | 63.74917  | 321.50338 | 6.23709  | 0.1447208 | 2.4156688142189 |
| (190954) | 16.9 | 16.58248  | 78.26915  | 270.48774 | 4.30148  | 0.2518893 | 2.3859727142171 | (191006) | 16.3 | 0.97625   | 328.06286 | 28.16552  | 2.01964  | 0.2512001 | 2.4395574142190 |
| (190955) | 16.7 | 9.58094   | 9.85812   | 345.69296 | 2.72327  | 0.2638915 | 2.3800809142171 | (191007) | 16.9 | 304.17850 | 267.81576 | 160.33572 | 5.98310  | 0.0922730 | 2.4439543142190 |
| (190956) | 16.4 | 332.21928 | 136.18351 | 278.66610 | 5.14948  | 0.1222193 | 2.3892277142171 | (191008) | 16.0 | 296.23675 | 104.68859 | 322.93746 | 5.27930  | 0.1005061 | 2.4576766142190 |
| (190957) | 16.6 | 348.96804 | 20.17960  | 12.01817  | 5.36261  | 0.2098244 | 2.3920990142172 | (191009) | 16.2 | 304.72952 | 101.86233 | 334.13552 | 6.55901  | 0.0980799 | 2.4258694142191 |
| (190958) | 15.9 | 344.55559 | 287.18636 | 86.83325  | 6.79410  | 0.1175272 | 2.4324264142172 | (191010) | 16.3 | 180.07339 | 64.01838  | 109.89688 | 3.56932  | 0.0517220 | 2.5701901142191 |
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|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (191951) | 16.6 | 149.60391 | 254.61300 | 327.29199 | 1.72509  | 0.0703196 | 2.3075897142480 | (192003) | 15.8 | 175.73512 | 192.50367 | 344.96674 | 6.98819  | 0.0872145 | 2.5241370142495 |
| (191952) | 16.8 | 20.03436  | 297.77290 | 41.28460  | 6.72825  | 0.2195411 | 2.2326673142481 | (192004) | 16.9 | 80.48611  | 149.44831 | 127.81862 | 2.72321  | 0.2030840 | 2.6266601142495 |
| (191953) | 17.1 | 94.71703  | 24.82293  | 248.81380 | 1.06906  | 0.1576243 | 2.1934492142481 | (192005) | 16.8 | 323.82818 | 256.19357 | 143.66230 | 2.33017  | 0.0544558 | 2.5339940142496 |
| (191954) | 17.3 | 26.53883  | 332.52585 | 347.32721 | 0.77396  | 0.0401167 | 2.3893174142481 | (192006) | 17.0 | 111.19392 | 253.70536 | 353.71985 | 2.06084  | 0.0199469 | 2.6236448142496 |
| (191955) | 17.0 | 28.73322  | 274.75556 | 48.93954  | 7.34734  | 0.2292316 | 2.2574658142482 | (192007) | 16.9 | 121.86738 | 92.38437  | 137.91699 | 1.43927  | 0.1176562 | 2.7213982142496 |
| (191956) | 16.7 | 52.53976  | 40.17048  | 246.18051 | 5.24120  | 0.2050003 | 2.3399723142482 | (192008) | 16.4 | 44.51043  | 187.55956 | 112.11439 | 3.18885  | 0.1992333 | 2.4494667142496 |
| (191957) | 17.2 | 69.91664  | 101.25831 | 201.20562 | 3.48026  | 0.1526852 | 2.1832818142482 | (192009) | 17.4 | 57.93568  | 147.45216 | 196.13499 | 2.17931  | 0.1794318 | 2.1383911142497 |
| (191958) | 17.2 | 78.89333  | 144.77619 | 147.54755 | 1.65720  | 0.1255273 | 2.2062069142482 | (192010) | 17.2 | 29.35896  | 293.25488 | 34.23101  | 1.07909  | 0.0550989 | 2.6121147142497 |
| (191959) | 17.9 | 284.77467 | 251.74206 | 201.63465 | 2.03128  | 0.0907174 | 2.2723231142483 | (192011) | 16.3 | 189.77168 | 249.21801 | 253.58864 | 1.79573  | 0.1250679 | 2.8666999142497 |
| (191960) | 17.0 | 207.34181 | 355.67235 | 159.11901 | 6.84139  | 0.0684990 | 2.3267010142483 | (192012) | 16.7 | 270.81839 | 82.95414  | 354.20545 | 1.32955  | 0.0344063 | 2.6891053142497 |
| (191961) | 17.5 | 244.09862 | 268.94595 | 215.50204 | 1.83133  | 0.1090457 | 2.2876988142483 | (192013) | 15.5 | 73.75286  | 339.39498 | 289.31648 | 12.95908 | 0.0399154 | 2.7004422142498 |
| (191962) | 17.1 | 116.79729 | 147.60612 | 105.76602 | 0.21548  | 0.0644480 | 2.1975634142483 | (192014) | 15.6 | 37.63903  | 208.61932 | 104.55819 | 11.00425 | 0.1864439 | 2.6563625142498 |
| (191963) | 17.4 | 31.89465  | 143.55158 | 187.59782 | 7.63730  | 0.2253601 | 2.2059803142484 | (192015) | 16.7 | 87.39675  | 303.07931 | 313.79614 | 2.24103  | 0.1134246 | 2.5426367142498 |
| (191964) | 16.3 | 337.20423 | 94.48193  | 317.42492 | 22.34791 | 0.2999790 | 2.2613861142484 | (192016) | 17.2 | 27.29381  | 47.48726  | 289.99014 | 5.95460  | 0.1376575 | 2.4090807142498 |
| (191965) | 15.5 | 318.44912 | 119.79104 | 295.18454 | 23.94090 | 0.1627930 | 2.2954976142484 | (192017) | 14.5 | 80.85240  | 301.48813 | 293.08794 | 21.17555 | 0.2051280 | 3.1198562142498 |
| (191966) | 16.9 | 5.27213   | 174.29049 | 190.17105 | 6.74748  | 0.1914690 | 2.2025880142485 | (192018) | 15.9 | 65.45720  | 14.13452  | 264.40297 | 4.07998  | 0.1435522 | 2.7657059142499 |
| (191967) | 16.6 | 31.90264  | 210.76134 | 115.68632 | 3.65195  | 0.1586640 | 2.2860266142485 | (192019) | 16.3 | 10.96500  | 313.19373 | 45.10473  | 2.89470  | 0.2326273 | 2.4223352142499 |
| (191968) | 17.0 | 40.99604  | 254.16868 | 70.55408  | 3.77086  | 0.1795296 | 2.2483440142485 | (192020) | 16.7 | 10.76257  | 308.78080 | 38.90787  | 3.30722  | 0.0752490 | 2.5651607142499 |
| (191969) | 17.7 | 336.30022 | 229.65077 | 167.00075 | 5.41095  | 0.1346749 | 2.2264806142486 | (192021) | 16.7 | 118.01655 | 229.59168 | 27.85164  | 3.48539  | 0.0517331 | 2.5309467142500 |
| (191970) | 17.2 | 359.40332 | 214.89693 | 165.10146 | 5.65307  | 0.1729153 | 2.1979032142486 | (192022) | 16.1 | 17.52365  | 154.24502 | 184.48575 | 2.13821  | 0.2219043 | 2.4523219142500 |
| (191971) | 17.2 | 128.20988 | 324.18215 | 265.37700 | 0.67903  | 0.0912333 | 2.3978739142486 | (192023) | 16.0 | 63.70157  | 218.31753 | 66.82586  | 3.07236  | 0.1923184 | 2.7341696142500 |
| (191972) | 16.9 | 236.95793 | 269.88270 | 226.65129 | 0.49588  | 0.1440775 | 2.4305133142486 | (192024) | 16.1 | 232.25460 | 159.89742 | 307.13122 | 3.02451  | 0.0606063 | 2.7767275142500 |
| (191973) | 16.8 | 106.83400 | 280.28613 | 18.19815  | 3.75299  | 0.0437833 | 2.1491550142486 | (192025) | 15.7 | 114.17696 | 297.74096 | 298.67274 | 2.99945  | 0.0481120 | 2.7833900142501 |
| (191974) | 16.6 | 347.65291 | 19.46163  | 8.12954   | 1.84276  | 0.2417753 | 2.2501371142487 | (192026) | 16.6 | 270.63166 | 143.42039 | 306.41407 | 3.02512  | 0.0444556 | 2.6426378142501 |
| (191975) | 16.7 | 349.32276 | 309.60074 | 65.22813  | 4.31526  | 0.1986772 | 2.3075204142487 | (192027) | 15.8 | 69.13851  | 173.66612 | 118.01008 | 14.28430 | 0.1752280 | 2.6612810142501 |
| (191976) | 17.0 | 252.20259 | 296.53132 | 174.56658 | 5.77791  | 0.0907625 | 2.4258105142487 | (192028) | 15.6 | 230.25963 | 289.87016 | 193.20794 | 12.37977 | 0.1214198 | 2.5768635142501 |
| (191977) | 16.5 | 21.78949  | 100.79010 | 239.52741 | 5.02280  | 0.2219486 | 2.2715880142488 | (192029) | 16.3 | 328.73738 | 290.52378 | 95.45886  | 10.02088 | 0.0831687 | 2.6169819142502 |
| (191978) | 16.6 | 321.20395 | 87.59416  | 329.94017 | 5.17906  | 0.1528316 | 2.2693771142488 | (192030) | 15.8 | 74.48849  | 193.06181 | 60.76276  | 3.33244  | 0.1425475 | 2.7711189142502 |
| (191979) | 17.0 | 20.24068  | 183.33592 | 167.20198 | 4.82103  | 0.2300004 | 2.2166329142488 | (192031) | 16.1 | 84.87969  | 158.10413 | 103.34577 | 13.89327 | 0.0632195 | 2.6452739142502 |
| (191980) | 16.9 | 318.58532 | 171.47518 | 242.43243 | 5.41781  | 0.1639304 | 2.3137859142489 | (192032) | 15.9 | 348.88722 | 264.96709 | 94.01625  | 6.61108  | 0.0844946 | 2.7188226142502 |
| (191981) | 16.7 | 303.36171 | 152.18783 | 284.57209 | 4.75880  | 0.1284105 | 2.3059635142489 | (192033) | 16.7 | 0.29447   | 9.18081   | 2.12304   | 2.69191  | 0.2383223 | 2.4194451142502 |
| (191982) | 16.9 | 38.13902  | 153.49769 | 171.61937 | 5.12919  | 0.2233380 | 2.2075316142489 | (192034) | 16.3 | 318.42311 | 273.62228 | 136.80735 | 15.48240 | 0.1340706 | 2.5942316142503 |
| (191983) | 17.4 | 71.33860  | 101.82333 | 187.74900 | 1.05871  | 0.1779603 | 2.3646867142489 | (192035) | 17.0 | 313.72723 | 50.92928  | 0.68383   | 1.82565  | 0.0516710 | 2.6225985142503 |
| (191984) | 15.6 | 92.59208  | 311.23580 | 283.17941 | 2.14499  | 0.0524521 | 3.0784666142490 | (192036) | 15.2 | 105.76494 | 266.29326 | 322.32954 | 11.90468 | 0.0811658 | 3.0137202142503 |
| (191985) | 17.1 | 74.22174  | 85.80531  | 186.81746 | 0.78356  | 0.1637631 | 2.4329730142490 | (192037) | 16.3 | 254.06474 | 324.66700 | 146.43446 | 4.17282  | 0.1946639 | 2.6917547142504 |
| (191986) | 17.0 | 287.68980 | 93.67302  | 329.77383 | 0.96573  | 0.0366382 | 2.5870282142490 | (192038) | 15.0 | 114.26049 | 305.70017 | 305.11807 | 12.05024 | 0.0352900 | 2.7771858142504 |
| (191987) | 16.8 | 268.12416 | 297.58400 | 167.17803 | 5.16884  | 0.1674337 | 2.4008931142490 | (192039) | 15.8 | 37.31520  | 149.98443 | 154.80854 | 8.49114  | 0.1240210 | 2.7866214142504 |
| (191988) | 16.9 | 42.96769  | 332.82217 | 331.47245 | 1.76344  | 0.1696015 | 2.3998143142491 | (192040) | 15.4 | 281.30691 | 164.63693 | 299.71020 | 10.61584 | 0.0442352 | 2.5804959142505 |
| (191989) | 16.7 | 100.03501 | 92.11180  | 170.76624 | 1.13850  | 0.1539931 | 2.4418706142491 | (192041) | 15.5 | 95.55389  | 307.53796 | 310.64267 | 13.91546 | 0.1022894 | 2.6825015142505 |
| (191990) | 17.5 | 91.25795  | 217.49304 | 50.72891  | 0.53966  | 0.1361167 | 2.3336222142491 | (192042) | 16.6 | 51.03008  | 197.59502 | 112.85019 | 8.03949  | 0.1998654 | 2.5425622142505 |
| (191991) | 16.2 | 41.30723  | 9.34533   | 340.48909 | 3.60838  | 0.1645314 | 2.1953243142492 | (192043) | 16.9 | 328.63819 | 229.46370 | 178.06826 | 1.05525  | 0.1782062 | 2.4511516142505 |
| (191992) | 16.7 | 26.92572  | 252.00230 | 102.86321 | 1.11718  | 0.2020525 | 2.2159614142492 | (192044) | 14.7 | 133.00644 | 211.73214 | 348.13487 | 14.23837 | 0.0291582 | 2.9410050142506 |
| (191993) | 17.2 | 10.32292  | 145.76423 | 232.14908 | 6.28053  | 0.2133679 | 2.2082811142492 | (192045) | 15.2 | 99.79701  | 125.03322 | 121.61706 | 13.66842 | 0.0632792 | 2.7657166142506 |
| (191994) | 16.6 | 323.94715 | 135.60524 | 279.53591 | 5.98610  | 0.0801938 | 2.2742892142492 | (192046) | 16.0 | 306.98022 | 272.94016 | 165.22573 | 7.12237  | 0.2457388 | 2.4162039142506 |
| (191995) | 14.8 | 144.03004 | 239.06482 | 322.82849 | 7.57984  | 0.0394772 | 3.1513090142493 | (192047) | 16.4 | 24.05309  | 42.07411  | 278.48481 | 4.86771  | 0.1512424 | 2.7216420142506 |
| (191996) | 17.0 | 337.66386 | 3.53739   | 32.48744  | 6.04170  | 0.1799748 | 2.2977079142493 | (192048) | 14.4 | 154.48954 | 166.01196 | 10.69997  | 17.83920 | 0.1047813 | 3.1373062142507 |
| (191997) | 16.3 | 342.34536 | 110.55126 | 286.91561 | 6.77965  | 0.1981746 | 2.2855352142493 | (192049) | 16.7 | 9.34385   | 244.79402 | 121.66848 | 5.55878  | 0.2732240 | 2.3902791142507 |
| (191998) | 16.1 | 319.00193 | 115.96435 | 304.86344 | 3.69536  | 0.2201783 | 2.2910790142493 | (192050) | 16.3 | 81.95370  | 319.29784 | 316.23285 | 2.50684  | 0.1491667 | 2.7108339142507 |
| (191999) | 15.2 | 103.24945 | 94.06603  | 157.35546 | 5.10302  | 0.1297362 | 3.2118292142494 | (192051) | 15.6 | 6.02085   | 202.26583 | 144.81143 | 10.07187 | 0.0548215 | 2.7284423142507 |
| (192000) | 15.3 | 229.62646 | 190.15473 | 294.62907 | 13.16619 | 0.0446339 | 2.6398005142494 | (192052) | 16.0 | 294.80391 | 268.22988 | 174.21146 | 13.22365 | 0.2132376 | 2.4764121142508 |
| (192001) | 15.7 | 305.66809 | 94.16464  | 312.39393 | 4.77511  | 0.0224408 | 2.7612250142494 | (192053) | 16.2 | 188.24536 | 146.73304 | 27.12420  | 1.30516  | 0.0441038 | 2.7143541142508 |
| (192002) | 16.9 | 8.15181   | 0.82293   | 348.77486 | 1.63826  | 0.2091118 | 2.4472843142495 | (192054) | 16.2 | 34.96917  | 165.05900 | 158.78485 | 2.27727  | 0.0609235 | 2.9377181142508 |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (192055) | 15.9 | 49.64398  | 197.36648 | 114.27396 | 4.82860  | 0.0915286 | 2.6959957142509 | (192107) | 15.5 | 53.58899  | 186.46457 | 119.18100 | 4.89576  | 0.0833909 | 2.7491530142522 |
| (192056) | 16.2 | 243.55748 | 350.17980 | 142.09102 | 3.86796  | 0.0148584 | 2.7557649142509 | (192108) | 16.2 | 295.59340 | 266.36446 | 162.55500 | 4.08495  | 0.0708718 | 2.6891611142523 |
| (192057) | 15.7 | 343.11808 | 294.19671 | 73.19773  | 4.00481  | 0.0288300 | 2.7907036142509 | (192109) | 14.7 | 179.21960 | 213.63876 | 312.06382 | 8.41019  | 0.0624194 | 3.0740908142523 |
| (192058) | 16.4 | 333.53795 | 229.61710 | 149.85626 | 2.37286  | 0.0816632 | 2.8592485142510 | (192110) | 15.6 | 37.72293  | 296.64540 | 23.00430  | 6.18444  | 0.2053852 | 3.1339549142523 |
| (192059) | 15.8 | 313.50686 | 277.06758 | 150.14230 | 9.99664  | 0.1095877 | 2.6084468142510 | (192111) | 16.6 | 355.79685 | 344.36561 | 8.44785   | 4.59631  | 0.1179562 | 2.7326221142523 |
| (192060) | 15.9 | 326.25523 | 255.69423 | 141.91934 | 4.32854  | 0.0970922 | 2.7745917142510 | (192112) | 15.8 | 262.29472 | 128.46543 | 340.47846 | 10.49490 | 0.1162089 | 2.7037036142524 |
| (192061) | 16.2 | 301.47911 | 102.96230 | 318.62703 | 5.89629  | 0.0220530 | 2.7992050142510 | (192113) | 16.1 | 89.20602  | 109.29183 | 173.55578 | 2.17638  | 0.0125999 | 2.7822005142524 |
| (192062) | 14.6 | 13.53351  | 203.46496 | 128.04340 | 11.84416 | 0.0269652 | 3.0924501142511 | (192114) | 15.5 | 230.54971 | 281.12681 | 202.43624 | 3.82175  | 0.0208022 | 2.9617681142524 |
| (192063) | 15.3 | 156.55541 | 38.40512  | 146.80101 | 13.17396 | 0.0477602 | 2.9637673142511 | (192115) | 16.7 | 296.27807 | 267.59707 | 158.26339 | 1.82956  | 0.0827392 | 2.7786561142524 |
| (192064) | 16.6 | 347.83163 | 342.82580 | 28.90364  | 1.97184  | 0.0646380 | 2.6538607142511 | (192116) | 14.9 | 109.30824 | 232.38604 | 16.09044  | 12.90246 | 0.0264351 | 2.9389988142525 |
| (192065) | 17.0 | 357.69293 | 354.13449 | 22.51314  | 1.93299  | 0.1972810 | 2.4504925142511 | (192117) | 16.2 | 21.16852  | 182.85259 | 156.47836 | 3.54908  | 0.1114218 | 3.0570723142525 |
| (192066) | 15.2 | 51.68603  | 157.88206 | 140.36461 | 11.29502 | 0.0964391 | 2.9974023142512 | (192118) | 15.6 | 76.46076  | 94.13540  | 193.08508 | 1.37271  | 0.0513964 | 3.0447456142525 |
| (192067) | 16.1 | 349.94325 | 263.51848 | 105.77026 | 3.08584  | 0.0946941 | 2.8618222142512 | (192119) | 16.2 | 169.86216 | 234.93067 | 316.55629 | 0.84132  | 0.1120747 | 3.0374992142525 |
| (192068) | 16.6 | 283.03774 | 265.97835 | 170.22597 | 1.86034  | 0.0381120 | 2.8342675142512 | (192120) | 16.3 | 72.46112  | 122.70229 | 159.18402 | 10.56518 | 0.0280601 | 2.9691315142526 |
| (192069) | 15.4 | 9.25246   | 208.38828 | 158.17460 | 6.66903  | 0.0361648 | 2.7168096142512 | (192121) | 15.4 | 43.37560  | 314.26341 | 350.64369 | 4.37304  | 0.1171135 | 3.1422209142526 |
| (192070) | 16.1 | 246.27607 | 270.39459 | 199.67680 | 1.19943  | 0.0516061 | 2.9377969142513 | (192122) | 16.0 | 77.92768  | 300.13994 | 337.54413 | 8.83949  | 0.0690613 | 3.1146877142526 |
| (192071) | 16.0 | 357.87773 | 222.39712 | 126.34105 | 2.81718  | 0.1236618 | 2.9387619142513 | (192123) | 15.8 | 309.18598 | 117.64200 | 323.45110 | 1.86037  | 0.0583790 | 2.7135118142526 |
| (192072) | 15.3 | 19.80919  | 186.04348 | 157.12969 | 15.73117 | 0.2638081 | 2.7918519142513 | (192124) | 16.5 | 273.66661 | 174.58772 | 276.43544 | 0.47917  | 0.0585692 | 2.9558085142527 |
| (192073) | 15.8 | 327.08529 | 232.23635 | 141.46278 | 11.33389 | 0.0663697 | 2.9882809142514 | (192125) | 15.6 | 225.80325 | 193.46647 | 303.42018 | 0.83799  | 0.0297483 | 2.9243703142527 |
| (192074) | 16.2 | 320.01895 | 327.41023 | 76.51129  | 1.55598  | 0.0709019 | 2.8037004142514 | (192126) | 14.7 | 280.03974 | 324.04297 | 111.07476 | 11.76206 | 0.0568773 | 2.9724456142527 |
| (192075) | 15.9 | 16.20475  | 188.23683 | 157.77756 | 3.06246  | 0.1086108 | 2.7520893142514 | (192127) | 15.8 | 8.47970   | 218.46499 | 153.40742 | 12.88007 | 0.2254959 | 2.6500575142527 |
| (192076) | 15.9 | 294.41989 | 193.36994 | 214.22319 | 0.71668  | 0.0828035 | 2.9908892142514 | (192128) | 16.4 | 61.00423  | 258.06503 | 103.47753 | 0.64213  | 0.0922075 | 2.5850744142528 |
| (192077) | 16.5 | 35.17984  | 124.78459 | 182.41247 | 1.01979  | 0.0776636 | 3.0612136142515 | (192129) | 15.9 | 50.44003  | 138.28860 | 159.97012 | 9.66719  | 0.1539888 | 3.1108311142528 |
| (192078) | 15.7 | 187.93067 | 13.28158  | 131.33648 | 2.60159  | 0.1162075 | 3.1380833142515 | (192130) | 16.1 | 323.58086 | 267.19362 | 136.02855 | 4.92340  | 0.1098532 | 2.8048887142528 |
| (192079) | 15.6 | 134.01876 | 67.60854  | 160.71284 | 4.85328  | 0.1132276 | 2.9860299142515 | (192131) | 15.9 | 20.67410  | 242.68017 | 144.10453 | 3.60363  | 0.1673325 | 2.6236199142528 |
| (192080) | 17.1 | 287.28392 | 277.56765 | 169.78458 | 3.37578  | 0.1487751 | 2.6588912142515 | (192132) | 15.0 | 67.09003  | 210.41674 | 75.08311  | 3.24589  | 0.0501377 | 3.0841923142529 |
| (192081) | 15.5 | 16.93290  | 171.00287 | 154.52073 | 11.38343 | 0.1208830 | 3.2023296142516 | (192133) | 15.4 | 104.62001 | 201.58849 | 35.34072  | 7.27454  | 0.0351243 | 3.0432630142529 |
| (192082) | 16.0 | 263.54407 | 337.42998 | 118.97913 | 5.11714  | 0.0355655 | 2.7778941142516 | (192134) | 16.6 | 16.06123  | 194.09280 | 172.84086 | 6.01373  | 0.2914537 | 2.5945261142529 |
| (192083) | 15.8 | 266.13065 | 343.52178 | 116.63604 | 5.54142  | 0.0282529 | 2.7933165142516 | (192135) | 16.1 | 124.25843 | 228.26190 | 5.53182   | 1.99925  | 0.0491000 | 3.0689130142529 |
| (192084) | 15.0 | 77.03993  | 124.30696 | 137.61362 | 10.65293 | 0.0512640 | 3.1752040142516 | (192136) | 15.9 | 1.73067   | 183.48525 | 165.81805 | 6.65590  | 0.0578999 | 3.0580103142530 |
| (192085) | 16.0 | 6.41322   | 224.27073 | 132.66570 | 7.10083  | 0.0438605 | 2.7059570142517 | (192137) | 15.7 | 47.47280  | 200.16176 | 109.18360 | 3.22964  | 0.0717987 | 3.2322203142530 |
| (192086) | 15.6 | 337.87683 | 66.31031  | 324.80641 | 5.40395  | 0.0260276 | 2.7394805142517 | (192138) | 16.0 | 162.84664 | 36.40728  | 175.98057 | 1.21974  | 0.1501418 | 3.0292212142530 |
| (192087) | 15.3 | 19.49026  | 173.17739 | 143.59143 | 12.74294 | 0.0705784 | 3.0834546142517 | (192139) | 14.6 | 211.37506 | 18.20269  | 134.68051 | 11.44597 | 0.0462178 | 3.0652598142530 |
| (192088) | 15.5 | 48.01965  | 153.06906 | 150.21702 | 9.44957  | 0.0146852 | 3.0101356142517 | (192140) | 15.3 | 279.88368 | 267.32142 | 161.43025 | 3.29047  | 0.0581549 | 2.9953019142531 |
| (192089) | 15.3 | 13.95293  | 222.87332 | 121.52081 | 8.38108  | 0.0525656 | 2.7701247142518 | (192141) | 15.9 | 126.94614 | 346.36339 | 236.90136 | 2.41427  | 0.0190058 | 3.2356475142531 |
| (192090) | 16.1 | 29.41878  | 189.26891 | 155.89452 | 5.99680  | 0.2396709 | 2.5855434142518 | (192142) | 14.9 | 158.29777 | 10.88746  | 171.40046 | 24.38813 | 0.0708338 | 3.1421955142531 |
| (192091) | 15.7 | 10.25993  | 189.88154 | 163.86802 | 6.90531  | 0.0300685 | 2.8078876142518 | (192143) | 16.6 | 310.74731 | 257.57371 | 186.39289 | 2.77733  | 0.1200630 | 2.7740362142531 |
| (192092) | 15.8 | 64.68253  | 165.02197 | 123.99006 | 2.45684  | 0.1344004 | 3.1405296142518 | (192144) | 14.9 | 233.81198 | 322.14354 | 169.48872 | 9.98940  | 0.1015915 | 3.0230596142532 |
| (192093) | 16.9 | 14.53526  | 355.41321 | 357.41637 | 0.88422  | 0.1980349 | 2.4167491142519 | (192145) | 15.8 | 27.71198  | 339.36066 | 8.87623   | 3.64682  | 0.1037241 | 2.7956472142532 |
| (192094) | 16.1 | 90.65990  | 235.93101 | 26.38295  | 1.97982  | 0.0833787 | 2.9456105142519 | (192146) | 15.8 | 100.23194 | 86.23246  | 179.92740 | 15.52854 | 0.0524399 | 3.1321294142532 |
| (192095) | 16.0 | 35.19995  | 36.64305  | 277.80085 | 2.74009  | 0.0890227 | 2.7962408142519 | (192147) | 15.7 | 303.02155 | 29.00798  | 30.54505  | 2.25144  | 0.0612840 | 2.8626804142532 |
| (192096) | 15.8 | 286.42135 | 128.67291 | 316.58174 | 13.27565 | 0.0798781 | 2.6593606142520 | (192148) | 15.7 | 220.78718 | 0.17343   | 150.96177 | 3.72325  | 0.1443793 | 3.0130066142533 |
| (192097) | 14.6 | 175.55956 | 358.30215 | 158.83792 | 28.07811 | 0.1375427 | 3.1703213142520 | (192149) | 14.4 | 37.94565  | 200.89326 | 122.00226 | 12.42900 | 0.0424431 | 3.0377019142533 |
| (192098) | 16.0 | 333.73317 | 207.94679 | 164.80699 | 2.22384  | 0.0827564 | 2.8788546142520 | (192150) | 14.6 | 181.26141 | 186.58973 | 7.04503   | 14.66911 | 0.0898500 | 3.0802007142533 |
| (192099) | 16.4 | 22.78271  | 4.00300   | 323.49102 | 1.32691  | 0.0547068 | 2.9174489142520 | (192151) | 14.6 | 349.19085 | 209.52980 | 179.02327 | 21.96313 | 0.0361028 | 3.1068553142534 |
| (192100) | 15.8 | 351.99559 | 5.04071   | 20.43632  | 11.54222 | 0.2592470 | 2.4653747142521 | (192152) | 15.3 | 235.40639 | 291.22111 | 207.51270 | 14.45083 | 0.0913473 | 2.8112291142534 |
| (192101) | 15.8 | 251.33769 | 137.17119 | 313.58340 | 10.26091 | 0.0174588 | 2.9728619142521 | (192153) | 15.6 | 266.83720 | 111.11103 | 345.78452 | 1.79694  | 0.0497562 | 3.0202366142534 |
| (192102) | 16.0 | 46.13192  | 23.73807  | 300.40524 | 1.07402  | 0.0656146 | 2.8650452142521 | (192154) | 14.3 | 72.08184  | 95.14409  | 204.47487 | 27.96476 | 0.0861011 | 3.1703619142534 |
| (192103) | 15.7 | 33.58581  | 181.89411 | 131.53338 | 6.19990  | 0.1127293 | 2.7879710142521 | (192155) | 16.2 | 153.33951 | 153.00827 | 69.14410  | 1.98067  | 0.0374205 | 3.0106327142535 |
| (192104) | 16.8 | 6.28314   | 92.93964  | 258.59686 | 0.54753  | 0.0726252 | 2.7309807142522 | (192156) | 14.4 | 267.95839 | 297.30876 | 229.97772 | 21.49292 | 0.0613555 | 2.7290851142535 |
| (192105) | 16.0 | 223.61640 | 141.85161 | 1.54078   | 3.68103  | 0.0440906 | 2.7733430142522 | (192157) | 16.9 | 100.01130 | 308.53383 | 178.05778 | 3.43301  | 0.1203204 | 2.7166125142535 |
| (192106) | 15.2 | 235.79341 | 338.18082 | 158.43598 | 4.49294  | 0.1137102 | 3.1698250142522 | (192158) | 17.5 | 200.54556 | 223.69440 | 308.33041 | 17.47092 | 0.0787482 | 1.8959070142535 |

|          |      |           |           |           |          |           |                 |          |      |           |           |           |          |           |                 |
|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|----------|------|-----------|-----------|-----------|----------|-----------|-----------------|
| (192159) | 16.3 | 42.12623  | 359.10464 | 336.63406 | 18.52887 | 0.0611746 | 1.9618908142536 | (192211) | 14.5 | 18.28391  | 240.42494 | 84.96622  | 10.42683 | 0.0929749 | 3.0790937142549 |
| (192160) | 16.2 | 339.29794 | 144.04246 | 153.70321 | 4.85256  | 0.0347409 | 2.7818796142536 | (192212) | 16.2 | 133.93895 | 36.58510  | 193.36600 | 13.20819 | 0.1461598 | 2.6987432142550 |
| (192161) | 16.9 | 75.73083  | 106.97251 | 147.12819 | 3.93028  | 0.2425608 | 2.5380240142536 | (192213) | 16.1 | 58.11352  | 133.55812 | 157.41006 | 9.55741  | 0.0696970 | 3.1635315142550 |
| (192162) | 15.9 | 81.23624  | 278.45190 | 330.40320 | 3.70676  | 0.1490954 | 2.4631032142537 | (192214) | 14.8 | 78.22990  | 150.48043 | 118.04195 | 11.47669 | 0.0555973 | 2.9802885142550 |
| (192163) | 16.8 | 74.77616  | 105.00576 | 155.84321 | 2.55709  | 0.1835149 | 2.4277571142537 | (192215) | 13.2 | 297.98512 | 198.42659 | 222.10301 | 3.03980  | 0.1061354 | 5.2332543142550 |
| (192164) | 16.7 | 27.86397  | 158.64570 | 159.24186 | 6.12922  | 0.1284400 | 2.4046922142537 | (192216) | 15.5 | 354.67353 | 206.70331 | 145.63265 | 8.47976  | 0.0768759 | 2.9730804142551 |
| (192165) | 17.0 | 97.21361  | 293.39365 | 316.35249 | 6.85842  | 0.1065440 | 2.3279304142538 | (192217) | 12.9 | 22.41334  | 130.76921 | 216.33204 | 4.42462  | 0.1243659 | 5.2333362142551 |
| (192166) | 17.1 | 70.44036  | 272.14686 | 8.81341   | 0.46286  | 0.1979458 | 2.3788744142538 | (192218) | 12.9 | 121.72426 | 67.82778  | 179.32711 | 5.18129  | 0.0631622 | 5.2811270142551 |
| (192167) | 16.4 | 69.38872  | 287.23602 | 340.42777 | 4.36749  | 0.1163266 | 2.4435982142538 | (192219) | 14.7 | 127.54296 | 318.67902 | 329.88812 | 10.71893 | 0.1622528 | 3.1377766142551 |
| (192168) | 17.1 | 132.20743 | 55.95892  | 189.04134 | 3.55421  | 0.0895909 | 2.1871310142538 | (192220) | 13.2 | 350.13767 | 182.15468 | 211.19126 | 12.79598 | 0.0611825 | 5.1864888142551 |
| (192169) | 16.5 | 63.27776  | 140.11367 | 146.35134 | 3.36741  | 0.1496020 | 2.4889655142539 | (192221) | 12.3 | 35.19810  | 225.05920 | 106.83862 | 27.35489 | 0.0466066 | 5.1829112142552 |
| (192170) | 16.8 | 118.25776 | 312.47090 | 277.19771 | 1.68448  | 0.1701388 | 2.4489391142539 | (192222) | 11.8 | 34.80173  | 274.33802 | 83.89783  | 18.66880 | 0.0665814 | 5.2411493142552 |
| (192171) | 16.7 | 144.79725 | 214.78600 | 349.25710 | 4.44748  | 0.1604415 | 2.3803508142539 | (192223) | 12.9 | 311.42015 | 185.16123 | 223.42972 | 3.57072  | 0.0791251 | 5.2682995142552 |
| (192172) | 17.2 | 30.92747  | 333.75439 | 342.29416 | 5.40267  | 0.2287050 | 2.3591580142540 | (192224) | 13.1 | 7.42591   | 194.34602 | 153.08239 | 14.98763 | 0.0609371 | 5.2401159142553 |
| (192173) | 16.9 | 89.98302  | 227.85078 | 21.89235  | 0.63772  | 0.1777915 | 2.6922823142540 | (192225) | 15.7 | 233.52430 | 11.77849  | 307.14132 | 8.24392  | 0.1642452 | 2.8016183142553 |
| (192174) | 16.0 | 95.43986  | 52.13793  | 198.22124 | 10.55527 | 0.0772924 | 2.4496704142540 | (192226) | 16.2 | 312.90692 | 266.35301 | 349.33076 | 2.34607  | 0.0497853 | 2.8388272142553 |
| (192175) | 17.2 | 176.87099 | 38.04873  | 149.15843 | 3.33202  | 0.0444011 | 2.2606773142540 | (192227) | 15.5 | 55.15493  | 59.71939  | 75.80180  | 15.34411 | 0.0775371 | 3.1463730142553 |
| (192176) | 16.8 | 46.96100  | 165.88688 | 139.94575 | 6.64882  | 0.1107939 | 2.4004155142541 | (192228) | 16.3 | 191.30264 | 34.65103  | 341.42834 | 1.31036  | 0.1268317 | 2.9320285142553 |
| (192177) | 17.5 | 193.78579 | 298.01246 | 232.86896 | 1.75020  | 0.1089353 | 2.3335888142541 | (192229) | 16.5 | 204.73782 | 17.94329  | 343.22983 | 12.56495 | 0.1929583 | 2.5474865142554 |
| (192178) | 17.0 | 85.35324  | 75.53090  | 176.94323 | 5.22969  | 0.1687409 | 2.6034221142541 | (192230) | 17.6 | 160.89893 | 239.81883 | 183.45020 | 6.23929  | 0.0873753 | 2.3297109142554 |
| (192179) | 16.1 | 50.13893  | 341.52787 | 297.85010 | 4.54311  | 0.2358847 | 2.7017425142541 | (192231) | 16.3 | 265.73008 | 314.14728 | 13.65061  | 9.28703  | 0.1630935 | 2.7672047142554 |
| (192180) | 15.4 | 160.76008 | 210.98647 | 342.08693 | 11.75673 | 0.1096014 | 2.5254595142541 | (192232) | 16.1 | 235.82686 | 4.92276   | 345.05937 | 3.45323  | 0.1638256 | 2.6074203142554 |
| (192181) | 15.9 | 21.58353  | 136.41631 | 206.33452 | 9.04399  | 0.2512094 | 2.3875792142542 | (192233) | 15.9 | 342.11636 | 105.60701 | 137.47258 | 7.96738  | 0.0593699 | 2.6864000142555 |
| (192182) | 15.4 | 54.91988  | 112.89254 | 202.39071 | 14.65926 | 0.2810541 | 2.7473950142542 | (192234) | 15.4 | 112.18417 | 359.49282 | 94.73819  | 11.56055 | 0.0614042 | 3.1140154142555 |
| (192183) | 15.9 | 55.23402  | 149.48083 | 145.22642 | 9.32770  | 0.0790470 | 2.4563638142542 | (192235) | 16.8 | 166.58433 | 243.17729 | 168.10062 | 9.79453  | 0.2085503 | 2.7364610142555 |
| (192184) | 15.6 | 130.45492 | 23.91521  | 181.99190 | 15.05693 | 0.1458219 | 2.6976980142543 | (192236) | 16.2 | 198.23366 | 26.97456  | 336.80830 | 1.13883  | 0.0996326 | 2.9231221142555 |
| (192185) | 16.9 | 104.71870 | 276.44589 | 7.58359   | 3.69172  | 0.1384769 | 2.3158694142543 | (192237) | 16.2 | 0.85277   | 70.69565  | 141.09343 | 12.15665 | 0.1094147 | 2.7464298142556 |
| (192186) | 16.6 | 38.60031  | 83.17713  | 214.74666 | 3.65175  | 0.0432946 | 2.8200076142543 | (192238) | 16.5 | 315.31637 | 139.49821 | 131.81145 | 3.50617  | 0.1808279 | 2.6299256142556 |
| (192187) | 17.7 | 97.05429  | 56.45581  | 215.11118 | 1.22973  | 0.0569957 | 2.3845283142543 | (192239) | 16.9 | 4.48462   | 268.30042 | 357.78303 | 2.57843  | 0.1850612 | 2.5946224142556 |
| (192188) | 17.0 | 185.97891 | 202.24617 | 339.59217 | 5.60167  | 0.1477685 | 2.3124714142544 | (192240) | 15.7 | 123.04382 | 69.68313  | 19.25115  | 10.85271 | 0.0119440 | 2.9617331142556 |
| (192189) | 16.2 | 55.32112  | 175.82775 | 113.09588 | 1.77681  | 0.1567957 | 3.1600730142544 | (192241) | 15.1 | 73.50761  | 338.72884 | 152.02393 | 16.21472 | 0.0409856 | 3.1890387142557 |
| (192190) | 14.8 | 63.41450  | 160.24695 | 96.82332  | 16.66292 | 0.0957139 | 3.1174692142544 | (192242) | 16.8 | 270.44339 | 291.09053 | 46.50401  | 2.52021  | 0.0762103 | 2.5256147142557 |
| (192191) | 15.4 | 70.99708  | 198.37955 | 64.78116  | 1.86458  | 0.1652444 | 3.1264371142544 | (192243) | 15.8 | 98.53849  | 66.76265  | 54.06661  | 6.36052  | 0.0218097 | 3.1061789142557 |
| (192192) | 16.0 | 49.67745  | 126.28491 | 172.90327 | 4.63470  | 0.1248877 | 3.0115660142545 | (192244) | 16.3 | 19.38779  | 347.16893 | 241.83791 | 3.29914  | 0.1483391 | 2.7822255142557 |
| (192193) | 15.5 | 176.65304 | 317.11932 | 211.99376 | 11.61922 | 0.0768898 | 2.7390382142545 | (192245) | 16.7 | 251.47749 | 322.46522 | 9.01976   | 3.65883  | 0.0991018 | 2.7741407142558 |
| (192194) | 16.0 | 27.56847  | 193.13593 | 177.49002 | 6.28135  | 0.3457004 | 2.5832132142545 | (192246) | 16.8 | 357.26249 | 325.09166 | 289.81329 | 4.04258  | 0.1648673 | 2.4625187142558 |
| (192195) | 16.9 | 78.77595  | 176.47825 | 100.19137 | 6.89508  | 0.1110416 | 2.3796915142545 | (192247) | 15.8 | 26.00977  | 331.34113 | 211.81205 | 5.52046  | 0.0552949 | 3.0442622142558 |
| (192196) | 16.7 | 77.18272  | 80.52153  | 201.32083 | 3.86241  | 0.0381959 | 2.5548671142546 | (192248) | 15.4 | 182.22306 | 347.60173 | 66.20947  | 12.93737 | 0.0390322 | 2.9220259142558 |
| (192197) | 16.3 | 74.51722  | 116.92016 | 166.23169 | 5.12001  | 0.1383778 | 2.7950139142546 | (192249) | 15.9 | 94.42976  | 260.90911 | 212.88612 | 7.49839  | 0.0806302 | 3.0326466142559 |
| (192198) | 16.7 | 61.69901  | 283.10518 | 17.78498  | 2.05977  | 0.1652723 | 2.6850077142546 | (192250) | 16.3 | 8.77030   | 143.29114 | 106.87656 | 3.00277  | 0.1650029 | 2.9722142142559 |
| (192199) | 16.1 | 47.29844  | 159.67762 | 191.50893 | 4.11076  | 0.2722085 | 2.5621415142547 | (192251) | 16.0 | 6.88568   | 157.03559 | 102.86516 | 2.84675  | 0.0896281 | 2.8433637142559 |
| (192200) | 15.3 | 28.65504  | 141.98469 | 187.54616 | 9.99582  | 0.2184148 | 3.1610029142547 | (192252) | 16.2 | 20.99418  | 218.23090 | 40.71950  | 8.00901  | 0.1501802 | 2.7382182142559 |
| (192201) | 17.0 | 160.04880 | 38.65726  | 161.53233 | 5.38842  | 0.0759740 | 2.5572809142547 | (192253) | 16.1 | 75.68274  | 307.60111 | 204.83478 | 3.67767  | 0.1490272 | 3.0428055142560 |
| (192202) | 16.5 | 53.08241  | 96.04686  | 213.45938 | 4.04583  | 0.1479046 | 2.7829269142547 | (192254) | 17.3 | 20.81854  | 212.32552 | 63.28236  | 6.37741  | 0.1155539 | 2.2494548142560 |
| (192203) | 14.1 | 54.05998  | 323.32911 | 296.73535 | 7.66314  | 0.1883365 | 3.9733433142547 | (192255) | 15.7 | 112.70968 | 346.56010 | 159.56291 | 6.10867  | 0.0152219 | 2.9321759142560 |
| (192204) | 15.9 | 52.29494  | 3.80384   | 288.91014 | 2.41605  | 0.0750966 | 3.0474691142548 | (192256) | 17.3 | 75.58019  | 149.97877 | 36.90754  | 7.24800  | 0.0485451 | 2.3444339142560 |
| (192205) | 15.2 | 83.84615  | 139.42015 | 116.49630 | 5.85470  | 0.1239730 | 3.2086111142548 | (192257) | 15.2 | 252.31486 | 221.10287 | 140.22361 | 10.16778 | 0.0962818 | 3.0552164142561 |
| (192206) | 16.6 | 106.48753 | 45.29382  | 179.49846 | 0.96766  | 0.1623296 | 3.1192431142548 | (192258) | 16.9 | 109.41335 | 197.05598 | 301.58362 | 0.76290  | 0.0327154 | 2.7568195142561 |
| (192207) | 16.2 | 331.88370 | 240.87701 | 146.80740 | 6.72680  | 0.0456847 | 2.7564876142548 | (192259) | 16.2 | 83.04292  | 5.03145   | 146.56945 | 8.96462  | 0.1525444 | 2.8072165142561 |
| (192208) | 15.0 | 55.44405  | 232.29848 | 53.69522  | 10.73665 | 0.0397335 | 3.1626948142549 | (192260) | 15.8 | 26.49378  | 281.95985 | 319.64674 | 4.23274  | 0.1340690 | 2.6978287142561 |
| (192209) | 16.3 | 341.02759 | 180.49210 | 193.63460 | 4.37348  | 0.1219961 | 2.7600990142549 | (192261) | 16.2 | 33.47359  | 41.42425  | 168.65574 | 3.51184  | 0.0080880 | 3.1337778142562 |
| (192210) | 15.0 | 106.27239 | 85.30041  | 148.97485 | 21.12378 | 0.1150777 | 3.0705799142549 | (192262) | 13.3 | 239.81283 | 181.14638 | 186.36844 | 22.27546 | 0.1195270 | 5.1676053142562 |

(192263) 15.8 19.02140 156.83231 107.37800 7.42982 0.1927640 2.6512475142562  
 (192264) 17.3 41.65742 42.91248 200.73912 1.75571 0.1830368 2.2971541142562  
 (192265) 16.7 299.60896 165.21205 193.99239 13.30864 0.0614884 2.4562887142563  
 (192266) 16.7 237.83969 271.90395 143.06483 6.74695 0.1233151 2.3055946142563  
 (192267) 15.6 94.48556 349.07837 189.64960 10.56937 0.0398220 2.9903086142563  
 (192268) 13.6 145.72185 13.83925 93.21621 13.62187 0.0564425 5.2069439142563  
 (192269) 15.4 62.22573 351.46064 282.84648 6.21194 0.1756960 2.7407748142563  
 (192270) 15.8 356.91019 0.64506 16.15151 18.84350 0.2155793 2.5246235142564  
 (192271) 16.3 82.01346 255.75109 3.15778 26.65953 0.1872772 2.3621450142564  
 (192272) 16.3 353.71005 188.69689 211.30923 2.74895 0.1965136 2.6721352142564  
 (192273) 16.8 134.70835 333.30222 358.30275 2.34281 0.2037871 2.4263461142565  
 (192274) 16.9 94.60623 65.29898 346.96524 8.63734 0.2083992 2.4094652142565  
 (192275) 15.6 349.71565 10.67608 359.57922 11.40730 0.0889564 3.0152868142565  
 (192276) 15.7 73.35756 269.73031 10.47707 8.50136 0.2443420 2.6997433142566  
 (192277) 15.6 326.71507 15.47816 37.23035 5.62524 0.1575096 2.7112290142566  
 (192278) 16.4 302.35124 68.37910 29.29209 6.42702 0.1650057 2.2861164142566  
 (192279) 17.2 344.13382 285.37112 123.21821 1.48968 0.1982620 2.2858092142567  
 (192280) 16.8 122.31572 340.43645 19.99881 3.36152 0.2415445 2.4129910142567

## SUMMARY OF IDENTIFICATIONS

The following identification is invalid:

1999 GM<sub>10</sub> = 2007 XJ<sub>8</sub> MPO 129572

Further details, orbital elements and residuals for the identifications listed below are given in the *Minor Planet Circulars Orbit Supplement*.

1990 QX<sub>19</sub> = 2008 QQ<sub>22</sub>  
 1994 GA<sub>2</sub> = 2003 FU<sub>131</sub> = 2005 UQ<sub>101</sub> = 2007 CO<sub>11</sub>  
 1994 SE<sub>11</sub> = 2003 SH<sub>21</sub> = 2005 XN<sub>112</sub>  
 1995 SW<sub>6</sub> = 2008 QB<sub>5</sub>  
 1995 SV<sub>51</sub> = 1995 UO<sub>83</sub> = 2004 TS<sub>369</sub> = 2006 BR<sub>200</sub>  
 1995 UX<sub>65</sub> = 2003 UU<sub>333</sub> = 2006 KJ<sub>132</sub>  
 1997 EE<sub>60</sub> = 2004 RG<sub>301</sub>  
 1997 GK<sub>27</sub> = 2004 RQ<sub>283</sub>  
 1997 UJ<sub>6</sub> = 2008 QD<sub>32</sub>  
 1997 WZ<sub>3</sub> = 2008 EU<sub>26</sub>  
 1998 BL<sub>18</sub> = 2008 GM<sub>67</sub>  
 1998 EG<sub>8</sub> = 2008 AQ<sub>32</sub> = 2008 AZ<sub>101</sub>  
 1998 KH<sub>12</sub> = 2008 QZ<sub>20</sub>  
 1998 QA<sub>107</sub> = 2008 RZ<sub>75</sub>  
 1998 RQ<sub>21</sub> = 2005 EP<sub>230</sub> = 2007 TM<sub>26</sub>  
 1998 RN<sub>43</sub> = 2008 RW<sub>19</sub>  
 1998 SN<sub>46</sub> = 2006 BC<sub>9</sub> = 2003 QL<sub>49</sub>  
 1998 SX<sub>106</sub> = 2000 EX<sub>175</sub> = 2004 XZ<sub>83</sub>  
 1998 TQ<sub>7</sub> = 2008 AS<sub>42</sub>  
 1999 DG<sub>1</sub> = 2006 XP<sub>39</sub>  
 1999 EZ<sub>9</sub> = 2007 PE<sub>18</sub>  
 1999 FS<sub>87</sub> = 2007 RF<sub>177</sub>  
 1999 FV<sub>87</sub> = 2006 BY<sub>3</sub>  
 1999 GD<sub>7</sub> = 2008 QZ<sub>13</sub>  
 1999 RL<sub>7</sub> = 1999 TS<sub>131</sub> = 2008 RW<sub>63</sub>

1999 RQ<sub>58</sub> = 2008 QJ<sub>22</sub>  
 1999 SU<sub>3</sub> = 2008 RO<sub>77</sub>  
 1999 TO<sub>59</sub> = 2007 YX<sub>22</sub>  
 1999 TF<sub>76</sub> = 2008 HP<sub>10</sub>  
 1999 TG<sub>79</sub> = 2008 RB<sub>80</sub>  
 1999 TH<sub>119</sub> = 2008 QG<sub>7</sub>  
 1999 TS<sub>149</sub> = 2008 QH<sub>23</sub>  
 1999 TT<sub>162</sub> = 2008 RM<sub>27</sub>  
 1999 TB<sub>235</sub> = 2008 RC<sub>72</sub>  
 1999 TZ<sub>244</sub> = 2008 QV<sub>14</sub>  
 1999 UO<sub>18</sub> = 2008 RK<sub>75</sub>  
 1999 UN<sub>36</sub> = 2008 QU<sub>14</sub>  
 1999 UD<sub>48</sub> = 2008 RK<sub>74</sub>  
 1999 VV<sub>41</sub> = 2008 RD<sub>5</sub>  
 1999 VQ<sub>44</sub> = 2003 YR<sub>177</sub> = 2004 BV<sub>160</sub>  
 1999 VM<sub>70</sub> = 2008 CG<sub>187</sub>  
 1999 VB<sub>215</sub> = 2007 TU<sub>389</sub>  
 1999 XP<sub>226</sub> = 2008 QC<sub>3</sub>  
 2000 CD<sub>118</sub> = 2008 QW<sub>27</sub>  
 2000 ED<sub>16</sub> = 2002 RN<sub>160</sub> = 2008 AV<sub>35</sub>  
 2000 EY<sub>22</sub> = 2006 ME<sub>2</sub> = 2007 RX<sub>245</sub>  
 2000 EQ<sub>115</sub> = 2008 QU<sub>10</sub>  
 2000 FU<sub>70</sub> = 2000 GC<sub>187</sub> = 2001 OM<sub>113</sub> = 2008 FG<sub>79</sub>  
 2000 GA<sub>61</sub> = 2001 OR<sub>112</sub> = 2005 JM<sub>132</sub>  
 2000 LV<sub>29</sub> = 2008 CF<sub>188</sub>  
 2000 SG<sub>83</sub> = 2007 PR<sub>17</sub>  
 2000 SW<sub>104</sub> = 2002 EZ<sub>142</sub>  
 2000 SZ<sub>182</sub> = 2007 VM<sub>31</sub> = 2007 VS<sub>276</sub>  
 2000 SX<sub>240</sub> = 2008 QF<sub>2</sub>  
 2000 SD<sub>341</sub> = 2007 PX<sub>39</sub>  
 2000 SB<sub>362</sub> = 2007 PX<sub>9</sub>  
 2001 DQ<sub>55</sub> = 2008 RR<sub>17</sub>  
 2001 FU<sub>166</sub> = 2007 RB<sub>17</sub>  
 2001 FF<sub>168</sub> = 1996 HW<sub>7</sub> = 2008 RO<sub>41</sub>  
 2001 PX<sub>45</sub> = 2007 XR  
 2001 QC<sub>203</sub> = 2004 DZ<sub>18</sub>  
 2001 RH<sub>12</sub> = 2008 QE<sub>1</sub>  
 2001 RG<sub>104</sub> = 2008 QL<sub>2</sub>  
 2001 SK<sub>4</sub> = 2002 AV<sub>205</sub>  
 2001 SE<sub>8</sub> = 2008 RD<sub>22</sub>  
 2001 SJ<sub>11</sub> = 2008 QY<sub>28</sub>  
 2001 SX<sub>77</sub> = 2008 QO<sub>17</sub>  
 2001 SK<sub>91</sub> = 1999 FP<sub>65</sub> = 2006 UU<sub>221</sub>  
 2001 SV<sub>126</sub> = 2006 PV<sub>43</sub>  
 2001 SS<sub>227</sub> = 2008 QK<sub>27</sub>  
 2001 SS<sub>241</sub> = 2007 VN<sub>95</sub>  
 2001 SW<sub>342</sub> = 2004 HG<sub>45</sub>  
 2001 SU<sub>354</sub> = 2005 CH<sub>77</sub>  
 2001 TU<sub>85</sub> = 2008 QD<sub>13</sub>  
 2001 TR<sub>101</sub> = 2008 QN<sub>13</sub>  
 2001 TN<sub>126</sub> = 2007 TS<sub>396</sub>  
 2001 TE<sub>185</sub> = 2008 QQ<sub>6</sub>

2001 TX<sub>257</sub> = 2005 BA<sub>49</sub> = 2007 TS<sub>129</sub>  
 2001 TY<sub>258</sub> = 2006 QQ<sub>67</sub>  
 2001 UZ<sub>25</sub> = 2008 QZ<sub>28</sub>  
 2001 UX<sub>132</sub> = 2008 EH<sub>88</sub>  
 2001 US<sub>141</sub> = 2008 RH<sub>8</sub>  
 2001 UG<sub>208</sub> = 2008 OA<sub>9</sub>  
 2001 VZ<sub>59</sub> = 2006 SL<sub>409</sub>  
 2001 WK<sub>23</sub> = 2000 MB<sub>3</sub> = 2007 VE<sub>139</sub>  
 2001 WP<sub>29</sub> = 2008 QX<sub>16</sub>  
 2001 WL<sub>32</sub> = 2005 YC<sub>198</sub>  
 2001 WP<sub>51</sub> = 2008 FU<sub>130</sub>  
 2001 XC<sub>110</sub> = 2007 EN<sub>215</sub>  
 2001 XT<sub>116</sub> = 2007 FW<sub>44</sub>  
 2001 XW<sub>226</sub> = 2004 KM<sub>18</sub> = 2006 TW<sub>69</sub>  
 2001 YH<sub>102</sub> = 2008 AH<sub>113</sub>  
 2001 YV<sub>158</sub> = 2006 SJ<sub>153</sub>  
 2002 AN<sub>44</sub> = 2008 CJ<sub>186</sub>  
 2002 AR<sub>209</sub> = 1997 WM<sub>8</sub>  
 2002 CY<sub>67</sub> = 2008 QU<sub>30</sub>  
 2002 CU<sub>171</sub> = 2007 EL<sub>216</sub>  
 2002 CJ<sub>197</sub> = 2008 EP<sub>157</sub>  
 2002 CL<sub>218</sub> = 2008 QH<sub>27</sub>  
 2002 CC<sub>260</sub> = 2007 BK<sub>55</sub>  
 2002 CY<sub>271</sub> = 2002 AK<sub>208</sub> = 2006 YH<sub>11</sub> = 2008 FO<sub>91</sub>  
 2002 CW<sub>275</sub> = 2006 KZ<sub>99</sub>  
 2002 CQ<sub>282</sub> = 2003 MC<sub>9</sub> = 2007 KM<sub>7</sub>  
 2002 CD<sub>288</sub> = 2008 GK<sub>138</sub>  
 2002 CV<sub>293</sub> = 2008 CU<sub>181</sub>  
 2002 EX<sub>36</sub> = 2008 GS<sub>108</sub>  
 2002 EB<sub>84</sub> = 2007 KJ<sub>9</sub>  
 2002 EO<sub>96</sub> = 2007 TW<sub>291</sub>  
 2002 EN<sub>113</sub> = 2007 TH<sub>413</sub>  
 2002 EE<sub>148</sub> = 1999 VM<sub>231</sub> = 2007 DV<sub>26</sub>  
 2002 GB<sub>34</sub> = 2005 YE<sub>61</sub> = 2007 DV<sub>41</sub>  
 2002 GM<sub>116</sub> = 2005 VZ<sub>82</sub> = 2007 BO<sub>67</sub>  
 2002 GW<sub>116</sub> = 2007 GN<sub>27</sub>  
 2002 GS<sub>117</sub> = 2004 RJ<sub>356</sub> = 2007 DK<sub>60</sub>  
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 2002 GS<sub>152</sub> = 2007 KU<sub>8</sub>  
 2002 GW<sub>163</sub> = 2007 RY<sub>39</sub>  
 2002 GQ<sub>170</sub> = 2003 SY<sub>316</sub> = 2006 JT<sub>56</sub>  
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 2002 HK<sub>18</sub> = 2007 EX<sub>88</sub>  
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 2002 JD<sub>138</sub> = 2008 GH<sub>48</sub>  
 2002 JO<sub>142</sub> = 1996 HA<sub>12</sub> = 2004 TQ<sub>286</sub>  
 2002 PG<sub>17</sub> = 2005 EM<sub>328</sub> = 2007 QZ<sub>6</sub>  
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 2002 PZ<sub>122</sub> = 2008 QO<sub>23</sub>

2002 PP<sub>169</sub> = 2007 UH<sub>66</sub>  
 2002 PX<sub>176</sub> = 2008 RD<sub>28</sub>  
 2002 PG<sub>178</sub> = 2008 QV<sub>21</sub>  
 2002 PO<sub>184</sub> = 2005 FF<sub>13</sub>  
 2002 PV<sub>185</sub> = 2005 GW<sub>216</sub> = 2005 EW<sub>98</sub> = 2007 TD<sub>38</sub>  
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 2002 QF<sub>116</sub> = 2008 RC<sub>12</sub>  
 2002 QR<sub>121</sub> = 2008 RF<sub>73</sub>  
 2002 QF<sub>124</sub> = 2008 RH<sub>15</sub>  
 2002 QA<sub>125</sub> = 2008 CC<sub>162</sub>  
 2002 QU<sub>126</sub> = 2004 BP<sub>152</sub>  
 2002 RL<sub>119</sub> = 1993 TQ<sub>46</sub> = 2005 EQ<sub>148</sub>  
 2002 RT<sub>159</sub> = 2008 RL<sub>43</sub>  
 2002 RG<sub>160</sub> = 2008 EG<sub>87</sub>  
 2002 RD<sub>187</sub> = 2006 QV<sub>99</sub>  
 2002 RL<sub>218</sub> = 2008 RZ<sub>41</sub>  
 2002 RC<sub>228</sub> = 2008 BP<sub>45</sub>  
 2002 RA<sub>240</sub> = 2000 CP<sub>149</sub> = 2007 QN<sub>9</sub>  
 2002 RZ<sub>251</sub> = 2005 EB<sub>252</sub>  
 2002 RQ<sub>268</sub> = 2007 VX<sub>284</sub>  
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 2002 SS<sub>48</sub> = 2008 GL<sub>138</sub>  
 2002 SZ<sub>51</sub> = 2008 RM<sub>69</sub>  
 2002 SK<sub>68</sub> = 2005 GB<sub>63</sub> = 2006 ON<sub>8</sub>  
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 2002 XS<sub>59</sub> = 2008 AX<sub>99</sub>  
 2002 YE<sub>17</sub> = 2007 EE<sub>215</sub>  
 2002 YT<sub>32</sub> = 2007 RU<sub>3</sub>  
 2002 YQ<sub>36</sub> = 2006 SB<sub>302</sub>  
 2003 AH<sub>69</sub> = 2007 PM<sub>42</sub>  
 2003 AN<sub>88</sub> = 2007 UR<sub>8</sub>  
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 2003 GU<sub>56</sub> = 2006 UF<sub>197</sub>  
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 2003 QS<sub>3</sub> = 2008 RD<sub>23</sub>  
 2003 QV<sub>10</sub> = 2008 QW<sub>3</sub>  
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 2003 SX<sub>160</sub> = 2000 BN<sub>52</sub> = 2008 RV<sub>47</sub>  
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 2003 SP<sub>173</sub> = 2008 QN<sub>21</sub>  
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 2003 SQ<sub>194</sub> = 2008 QW<sub>8</sub>  
 2003 SJ<sub>195</sub> = 2008 QP  
 2003 SN<sub>213</sub> = 1996 TJ<sub>69</sub>  
 2003 SP<sub>241</sub> = 2008 RK<sub>69</sub>  
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 2003 SA<sub>275</sub> = 2008 RX<sub>28</sub>  
 2003 SE<sub>290</sub> = 2008 QY<sub>34</sub>  
 2003 SM<sub>302</sub> = 2008 QA<sub>33</sub>  
 2003 SQ<sub>303</sub> = 2007 RC<sub>277</sub>  
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 2003 TY<sub>5</sub> = 1999 TB<sub>300</sub> = 2007 VF<sub>146</sub>  
 2003 TU<sub>17</sub> = 2008 QX<sub>21</sub>  
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 2003 UK = 2007 RN<sub>35</sub>  
 2003 UB<sub>14</sub> = 2008 QH<sub>17</sub>  
 2003 UE<sub>16</sub> = 2008 QS<sub>1</sub>  
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 2003 UT<sub>66</sub> = 2008 CX<sub>187</sub>  
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 2003 UV<sub>178</sub> = 2003 UD<sub>266</sub>  
 2003 UH<sub>205</sub> = 2006 GM<sub>50</sub>  
 2003 UW<sub>210</sub> = 2008 BV<sub>49</sub>  
 2003 UX<sub>221</sub> = 2007 YT<sub>59</sub>  
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 2003 UQ<sub>234</sub> = 2007 TN<sub>390</sub>  
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 2003 UA<sub>251</sub> = 2003 UN<sub>144</sub>  
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 2003 UN<sub>359</sub> = 2005 AC<sub>65</sub> = 2007 RN<sub>137</sub>  
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 2003 UC<sub>382</sub> = 1998 TQ<sub>8</sub>  
 2003 UJ<sub>385</sub> = 2007 RA<sub>255</sub>  
 2003 UM<sub>400</sub> = 1999 XZ<sub>240</sub>  
 2003 UU<sub>401</sub> = 2003 UG<sub>415</sub>  
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2003 YD<sub>107</sub> = 2007 VO<sub>317</sub>  
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 2004 RU<sub>52</sub> = 2008 PY<sub>15</sub>  
 2004 RW<sub>78</sub> = 2008 RS<sub>74</sub>  
 2004 RW<sub>85</sub> = 2008 QK<sub>20</sub>  
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 2004 RT<sub>158</sub> = 2008 RW<sub>73</sub>  
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 2004 TW<sub>25</sub> = 2008 RM<sub>20</sub>  
 2004 TR<sub>43</sub> = 2008 RQ<sub>38</sub>

2004 TS<sub>56</sub> = 2008 RJ<sub>21</sub>  
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 2004 TW<sub>106</sub> = 1999 UZ<sub>64</sub>  
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 2004 TV<sub>139</sub> = 2008 QU<sub>4</sub>  
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 2004 TA<sub>238</sub> = 2008 PO<sub>15</sub>  
 2004 TC<sub>267</sub> = 2008 RL<sub>24</sub>  
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 2004 TZ<sub>282</sub> = 2008 RH<sub>79</sub>  
 2004 TY<sub>308</sub> = 2007 EH<sub>143</sub> = 2008 PC<sub>2</sub>  
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 2004 XB<sub>136</sub> = 2008 QE<sub>18</sub>  
 2004 XA<sub>143</sub> = 2008 RC<sub>19</sub>  
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 2005 BA<sub>37</sub> = 2008 RK<sub>61</sub>  
 2005 BM<sub>46</sub> = 2000 CV<sub>143</sub> = 2006 GG  
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 2005 CC<sub>9</sub> = 2002 QX<sub>125</sub>  
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 2005 ER<sub>164</sub> = 2003 SM<sub>343</sub> = 2007 TH<sub>117</sub>  
 2005 EP<sub>173</sub> = 2007 VX<sub>46</sub>  
 2005 EZ<sub>184</sub> = 2002 TQ<sub>152</sub> = 2007 WV<sub>12</sub>  
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 2005 FY<sub>12</sub> = 2002 TO<sub>150</sub>  
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 2005 GG<sub>140</sub> = 2007 TV<sub>21</sub>  
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 2005 JV<sub>33</sub> = 2007 UG<sub>66</sub>  
 2005 JO<sub>37</sub> = 2007 UB<sub>9</sub>  
 2005 JT<sub>44</sub> = 2006 QP<sub>186</sub> = 2007 VG<sub>147</sub>  
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 2005 JK<sub>137</sub> = 2008 AW<sub>74</sub>  
 2005 KJ<sub>12</sub> = 2007 XP<sub>24</sub>  
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2005 QS<sub>84</sub> = 2001 SZ<sub>259</sub> = 2004 HJ<sub>75</sub>  
 2005 QW<sub>113</sub> = 1998 VC<sub>57</sub>  
 2005 QU<sub>130</sub> = 2008 EG<sub>72</sub>  
 2005 QC<sub>156</sub> = 2002 AZ<sub>207</sub> = 2008 EK<sub>142</sub>  
 2005 QR<sub>188</sub> = 2007 BT<sub>61</sub>  
 2005 QY<sub>188</sub> = 2003 AC<sub>45</sub>  
 2005 RW<sub>14</sub> = 2008 CN<sub>53</sub>  
 2005 SD<sub>6</sub> = 2004 HS<sub>75</sub>  
 2005 ST<sub>35</sub> = 2008 JD<sub>39</sub>  
 2005 SG<sub>133</sub> = 2008 QT<sub>5</sub>  
 2005 SP<sub>141</sub> = 2000 WC<sub>198</sub>  
 2005 SP<sub>239</sub> = 2005 US<sub>503</sub>  
 2005 SD<sub>257</sub> = 2004 KM<sub>13</sub> = 2008 HB<sub>4</sub>  
 2005 SA<sub>270</sub> = 2008 EN<sub>87</sub>  
 2005 SN<sub>280</sub> = 2000 XR<sub>54</sub> = 2008 DU<sub>85</sub>  
 2005 TA<sub>25</sub> = 2002 YB<sub>30</sub>  
 2005 TG<sub>77</sub> = 2002 CB<sub>305</sub> = 2008 EG<sub>36</sub>  
 2005 TM<sub>90</sub> = 2008 EH<sub>92</sub>  
 2005 TE<sub>159</sub> = 2008 ED<sub>142</sub>  
 2005 TO<sub>164</sub> = 2008 BS<sub>49</sub>  
 2005 TU<sub>165</sub> = 2008 RV<sub>2</sub>  
 2005 TZ<sub>167</sub> = 2000 WD<sub>198</sub>  
 2005 TS<sub>169</sub> = 2000 QH<sub>110</sub>  
 2005 UJ<sub>24</sub> = 2008 HH<sub>30</sub> = 2008 HY<sub>67</sub>  
 2005 UB<sub>43</sub> = 2008 QR<sub>25</sub>  
 2005 UN<sub>53</sub> = 2008 QS<sub>19</sub>  
 2005 UG<sub>200</sub> = 2008 JY<sub>23</sub>  
 2005 UM<sub>219</sub> = 2008 QQ<sub>24</sub>  
 2005 UZ<sub>226</sub> = 2007 YA<sub>11</sub>  
 2005 UY<sub>277</sub> = 2004 OK<sub>15</sub>  
 2005 US<sub>291</sub> = 2008 QR<sub>31</sub>  
 2005 UZ<sub>353</sub> = 2008 QE<sub>8</sub>  
 2005 UY<sub>376</sub> = 2008 LS<sub>15</sub>  
 2005 UB<sub>378</sub> = 2005 XT<sub>113</sub>  
 2005 UR<sub>424</sub> = 2008 QL<sub>12</sub>  
 2005 UU<sub>484</sub> = 1996 BJ<sub>8</sub>  
 2005 VJ<sub>37</sub> = 2008 GA<sub>19</sub>  
 2005 VX<sub>69</sub> = 2005 XD<sub>116</sub>  
 2005 WQ<sub>20</sub> = 2008 QW<sub>10</sub>  
 2005 WT<sub>38</sub> = 2008 QR<sub>15</sub>  
 2005 WO<sub>43</sub> = 2005 UV<sub>528</sub> = 2007 EP<sub>216</sub>  
 2005 WW<sub>55</sub> = 2008 QW<sub>5</sub>  
 2005 WM<sub>149</sub> = 2003 GG<sub>55</sub>  
 2005 WK<sub>151</sub> = 2008 QG<sub>10</sub>  
 2005 XQ<sub>3</sub> = 2008 QE<sub>20</sub>  
 2005 XG<sub>116</sub> = 2008 RC<sub>17</sub>  
 2005 YV<sub>4</sub> = 2008 QG<sub>8</sub>  
 2005 YQ<sub>42</sub> = 2004 TY<sub>365</sub>  
 2005 YV<sub>62</sub> = 2008 RX<sub>49</sub>  
 2005 YB<sub>108</sub> = 2008 QV<sub>3</sub>  
 2005 YT<sub>121</sub> = 2008 RR<sub>74</sub>  
 2006 AW<sub>12</sub> = 2007 EY<sub>215</sub>

2006 AB<sub>22</sub> = 1999 TA<sub>293</sub>  
 2006 AP<sub>22</sub> = 2002 KU<sub>3</sub> = 2007 MW<sub>24</sub>  
 2006 AV<sub>34</sub> = 2008 RG<sub>16</sub>  
 2006 AY<sub>41</sub> = 2002 FR<sub>40</sub>  
 2006 AK<sub>59</sub> = 2008 RH<sub>19</sub>  
 2006 AG<sub>84</sub> = 2007 EF<sub>86</sub>  
 2006 BT<sub>28</sub> = 2008 RJ<sub>39</sub>  
 2006 BC<sub>66</sub> = 2004 TT<sub>369</sub>  
 2006 BR<sub>68</sub> = 2008 RA<sub>34</sub>  
 2006 BT<sub>98</sub> = 1995 VL<sub>19</sub> = 2004 TP<sub>151</sub>  
 2006 BB<sub>121</sub> = 2008 QM<sub>24</sub>  
 2006 BT<sub>133</sub> = 2007 RP<sub>192</sub>  
 2006 BW<sub>139</sub> = 2008 RW<sub>74</sub>  
 2006 BL<sub>142</sub> = 1997 CR<sub>30</sub>  
 2006 BL<sub>143</sub> = 2008 PB<sub>12</sub>  
 2006 BB<sub>159</sub> = 2008 RL<sub>16</sub>  
 2006 BJ<sub>223</sub> = 2006 BV<sub>40</sub>  
 2006 BH<sub>250</sub> = 2008 QS<sub>15</sub>  
 2006 BF<sub>253</sub> = 2008 RD<sub>29</sub>  
 2006 BD<sub>278</sub> = 2008 RP<sub>33</sub>  
 2006 CO<sub>12</sub> = 1999 VS<sub>40</sub> = 2007 GL<sub>59</sub>  
 2006 CR<sub>35</sub> = 2006 AY<sub>82</sub> = 2004 TB<sub>126</sub>  
 2006 CU<sub>40</sub> = 2008 RZ<sub>64</sub>  
 2006 CD<sub>59</sub> = 2006 BG<sub>271</sub> = 1999 TS<sub>301</sub> = 2004 RG<sub>269</sub>  
 2006 DQ<sub>15</sub> = 2007 PZ<sub>31</sub>  
 2006 DV<sub>25</sub> = 2006 CN<sub>66</sub> = 1997 AF<sub>19</sub> = 2007 JT<sub>18</sub>  
 2006 DK<sub>34</sub> = 2008 QX<sub>15</sub>  
 2006 DF<sub>35</sub> = 2003 UT<sub>167</sub> = 2003 UM<sub>415</sub> = 2008 RD<sub>76</sub>  
 2006 DA<sub>39</sub> = 2007 RU<sub>138</sub>  
 2006 DQ<sub>92</sub> = 2008 RO<sub>28</sub>  
 2006 DX<sub>93</sub> = 2007 RG<sub>194</sub>  
 2006 DZ<sub>104</sub> = 2008 QF<sub>13</sub>  
 2006 DW<sub>105</sub> = 1996 SC<sub>9</sub> = 1996 RH<sub>23</sub> = 2007 RO<sub>94</sub>  
 2006 DB<sub>145</sub> = 2008 RB<sub>59</sub>  
 2006 DD<sub>146</sub> = 2007 RW<sub>136</sub>  
 2006 DT<sub>149</sub> = 2008 QV<sub>18</sub>  
 2006 DD<sub>152</sub> = 2008 RD<sub>52</sub>  
 2006 DF<sub>156</sub> = 2008 QL<sub>13</sub>  
 2006 DR<sub>157</sub> = 2008 RO<sub>66</sub>  
 2006 DU<sub>159</sub> = 2008 RF<sub>31</sub>  
 2006 DU<sub>203</sub> = 2004 VL<sub>4</sub> = 2004 VO<sub>117</sub>  
 2006 DJ<sub>206</sub> = 2007 RO<sub>34</sub>  
 2006 EO<sub>16</sub> = 2007 VE<sub>210</sub>  
 2006 EL<sub>19</sub> = 2008 RU<sub>45</sub>  
 2006 EQ<sub>19</sub> = 1999 FW<sub>2</sub> = 2005 UC<sub>506</sub>  
 2006 ED<sub>23</sub> = 2008 RX<sub>63</sub>  
 2006 EP<sub>23</sub> = 2006 CT<sub>62</sub>  
 2006 EX<sub>26</sub> = 2007 TY<sub>188</sub>  
 2006 EH<sub>33</sub> = 2008 RZ<sub>3</sub>  
 2006 EJ<sub>35</sub> = 2008 RY<sub>58</sub>  
 2006 EB<sub>39</sub> = 2008 OE<sub>19</sub>  
 2006 EB<sub>45</sub> = 2000 BY<sub>23</sub> = 2008 OO<sub>18</sub>

2006 EV<sub>73</sub> = 2001 RT<sub>113</sub>  
 2006 FH<sub>1</sub> = 2005 XK<sub>110</sub>  
 2006 FL<sub>3</sub> = 2007 LE<sub>29</sub>  
 2006 FF<sub>25</sub> = 2007 TS<sub>219</sub>  
 2006 FK<sub>30</sub> = 2007 TU<sub>42</sub>  
 2006 FN<sub>42</sub> = 2008 QD<sub>29</sub>  
 2006 GS<sub>3</sub> = 2008 RV<sub>70</sub>  
 2006 GY<sub>54</sub> = 2007 TO<sub>347</sub>  
 2006 HM<sub>40</sub> = 2007 TT<sub>266</sub>  
 2006 HR<sub>131</sub> = 2008 QE<sub>11</sub>  
 2006 HR<sub>153</sub> = 2007 RO<sub>228</sub>  
 2006 JV<sub>3</sub> = 2007 RK<sub>46</sub>  
 2006 JH<sub>23</sub> = 2007 RJ<sub>110</sub>  
 2006 JH<sub>39</sub> = 2005 GG<sub>14</sub> = 2005 GT<sub>213</sub> = 2007 RZ<sub>82</sub>  
 2006 KJ<sub>38</sub> = 2006 HQ<sub>110</sub>  
 2006 KM<sub>66</sub> = 2008 RL<sub>39</sub>  
 2006 KM<sub>102</sub> = 2007 RS<sub>281</sub>  
 2006 KS<sub>108</sub> = 2002 QB<sub>126</sub> = 2007 RM<sub>240</sub>  
 2006 KQ<sub>109</sub> = 2007 VJ<sub>134</sub>  
 2006 OR<sub>21</sub> = 2002 RV<sub>145</sub>  
 2006 PG<sub>7</sub> = 2008 CE<sub>12</sub>  
 2006 PJ<sub>21</sub> = 2001 SQ<sub>343</sub> = 2004 BT<sub>30</sub>  
 2006 QL<sub>15</sub> = 2004 FX<sub>164</sub> = 2007 XM<sub>40</sub>  
 2006 QL<sub>28</sub> = 2003 YD<sub>182</sub>  
 2006 QO<sub>140</sub> = 2003 AT<sub>74</sub> = 2007 UN<sub>10</sub>  
 2006 QS<sub>155</sub> = 2007 YG<sub>33</sub>  
 2006 QM<sub>167</sub> = 2008 CM<sub>161</sub>  
 2006 QQ<sub>184</sub> = 2001 SJ<sub>205</sub> = 2004 FR<sub>132</sub>  
 2006 QH<sub>186</sub> = 1995 UE<sub>68</sub>  
 2006 RH<sub>36</sub> = 2002 XN<sub>115</sub> = 2005 LU<sub>37</sub>  
 2006 RQ<sub>54</sub> = 2001 YZ<sub>26</sub> = 2004 JT<sub>50</sub>  
 2006 RB<sub>75</sub> = 2001 SU<sub>201</sub>  
 2006 SF<sub>18</sub> = 2006 TF<sub>128</sub>  
 2006 SL<sub>30</sub> = 2007 VJ<sub>317</sub>  
 2006 SO<sub>33</sub> = 2004 DY<sub>79</sub>  
 2006 SC<sub>42</sub> = 2002 TX<sub>173</sub> = 2008 CJ<sub>82</sub>  
 2006 SN<sub>44</sub> = 2001 UH<sub>225</sub> = 2005 DE<sub>2</sub>  
 2006 SC<sub>48</sub> = 2006 SS<sub>149</sub> = 2002 TY<sub>326</sub> = 2004 AV<sub>23</sub>  
 2006 SP<sub>52</sub> = 2008 HZ<sub>38</sub> = 2008 JE<sub>35</sub>  
 2006 SN<sub>71</sub> = 2005 EN<sub>328</sub> = 2002 RK<sub>197</sub>  
 2006 SF<sub>86</sub> = 2008 CT<sub>82</sub>  
 2006 SF<sub>105</sub> = 1999 BA<sub>35</sub>  
 2006 SE<sub>115</sub> = 2006 RR<sub>86</sub> = 2006 SG<sub>370</sub>  
 2006 SD<sub>128</sub> = 2000 GT<sub>183</sub>  
 2006 ST<sub>148</sub> = 2008 EZ<sub>93</sub>  
 2006 SW<sub>160</sub> = 2002 QX<sub>126</sub>  
 2006 SH<sub>196</sub> = 2006 VX<sub>160</sub> = 2001 TD<sub>129</sub> = 2008 AN<sub>51</sub>  
 2006 SC<sub>200</sub> = 1996 RB<sub>6</sub> = 2008 AY<sub>61</sub>  
 2006 SQ<sub>203</sub> = 1996 XE<sub>28</sub> = 2008 AC<sub>41</sub>  
 2006 SQ<sub>233</sub> = 2008 BC<sub>6</sub>  
 2006 SW<sub>257</sub> = 2002 QA<sub>127</sub>  
 2006 SS<sub>292</sub> = 2000 GL<sub>148</sub> = 2005 MN<sub>54</sub>

2006 SE<sub>293</sub> = 2008 AM<sub>57</sub>  
 2006 SH<sub>302</sub> = 2008 AS<sub>56</sub>  
 2006 SE<sub>304</sub> = 2008 AF<sub>63</sub>  
 2006 SM<sub>320</sub> = 2008 EO<sub>115</sub> = 2008 EC<sub>156</sub>  
 2006 SL<sub>340</sub> = 2008 AL<sub>97</sub>  
 2006 SC<sub>351</sub> = 2005 EQ<sub>237</sub> = 2008 ED<sub>37</sub>  
 2006 SP<sub>355</sub> = 2008 BK<sub>8</sub>  
 2006 SY<sub>390</sub> = 2007 EF<sub>49</sub>  
 2006 TK<sub>95</sub> = 2006 VW<sub>125</sub>  
 2006 UA<sub>1</sub> = 2001 UV<sub>101</sub> = 2005 NV<sub>113</sub>  
 2006 US<sub>6</sub> = 2008 EC<sub>106</sub>  
 2006 US<sub>9</sub> = 2008 CE<sub>47</sub>  
 2006 UG<sub>29</sub> = 2008 EM<sub>78</sub>  
 2006 UA<sub>38</sub> = 2007 VM<sub>193</sub>  
 2006 UJ<sub>42</sub> = 2008 CV<sub>79</sub>  
 2006 UX<sub>42</sub> = 2008 CV<sub>126</sub>  
 2006 UT<sub>68</sub> = 2000 AF<sub>258</sub> = 2005 JK<sub>73</sub>  
 2006 UD<sub>92</sub> = 1999 FU<sub>70</sub> = 2001 TB<sub>156</sub>  
 2006 UT<sub>97</sub> = 1995 VJ<sub>10</sub> = 2004 KS<sub>18</sub>  
 2006 UU<sub>98</sub> = 1997 UV<sub>22</sub> = 2008 AR<sub>100</sub>  
 2006 UF<sub>104</sub> = 2004 DU<sub>66</sub>  
 2006 UN<sub>133</sub> = 2003 XJ<sub>20</sub> = 2008 JM<sub>39</sub>  
 2006 UX<sub>146</sub> = 2007 XH<sub>39</sub>  
 2006 UU<sub>169</sub> = 2008 BD<sub>26</sub> = 2008 BO<sub>29</sub>  
 2006 US<sub>179</sub> = 1999 RD<sub>63</sub>  
 2006 UE<sub>184</sub> = 1997 RN<sub>12</sub>  
 2006 UN<sub>202</sub> = 2008 CJ<sub>118</sub> = 2008 ER<sub>22</sub>  
 2006 UT<sub>209</sub> = 2008 CD<sub>10</sub>  
 2006 UQ<sub>215</sub> = 2000 HX<sub>96</sub>  
 2006 UM<sub>223</sub> = 1999 AE<sub>31</sub> = 2004 FY<sub>165</sub>  
 2006 UL<sub>229</sub> = 2006 SC<sub>395</sub>  
 2006 UF<sub>241</sub> = 2008 CN<sub>66</sub> = 2008 CS<sub>31</sub>  
 2006 UE<sub>274</sub> = 2008 CM<sub>122</sub>  
 2006 UF<sub>338</sub> = 2006 SX<sub>261</sub> = 2008 FC<sub>87</sub>  
 2006 VF = 2002 RH<sub>197</sub> = 2004 CV<sub>118</sub>  
 2006 VT<sub>35</sub> = 2008 EM<sub>158</sub>  
 2006 VQ<sub>38</sub> = 2004 FB<sub>71</sub>  
 2006 VQ<sub>45</sub> = 2008 FC<sub>29</sub>  
 2006 VG<sub>74</sub> = 2001 SW<sub>211</sub> = 2005 NB<sub>74</sub>  
 2006 VZ<sub>90</sub> = 2001 OX<sub>113</sub> = 2005 DE<sub>3</sub> = 2008 AZ<sub>65</sub>  
 2006 VK<sub>102</sub> = 2004 CW<sub>117</sub>  
 2006 VR<sub>111</sub> = 2008 EC<sub>63</sub>  
 2006 VQ<sub>148</sub> = 2001 SH<sub>352</sub>  
 2006 VO<sub>171</sub> = 2004 FR<sub>155</sub>  
 2006 WP<sub>18</sub> = 2008 CS<sub>131</sub>  
 2006 WD<sub>27</sub> = 2008 EA<sub>78</sub> = 2008 GJ<sub>138</sub>  
 2006 WG<sub>41</sub> = 2008 CM<sub>178</sub>  
 2006 WX<sub>51</sub> = 2001 SZ<sub>217</sub> = 2005 NZ<sub>2</sub>  
 2006 WG<sub>78</sub> = 2002 TE<sub>249</sub>  
 2006 WE<sub>81</sub> = 2004 KK<sub>18</sub> = 2008 EC<sub>11</sub>  
 2006 WX<sub>92</sub> = 2008 EW<sub>43</sub>  
 2006 WU<sub>93</sub> = 2008 GD<sub>48</sub>

2006 WT<sub>105</sub> = 2001 QY<sub>144</sub> = 2005 NK<sub>3</sub>  
 2006 WN<sub>111</sub> = 2008 FP<sub>93</sub>  
 2006 WY<sub>131</sub> = 2003 AR<sub>94</sub> = 2005 NZ<sub>57</sub>  
 2006 WN<sub>187</sub> = 2008 CQ<sub>27</sub>  
 2006 XL<sub>1</sub> = 2006 WG<sub>79</sub> = 1993 UP<sub>1</sub>  
 2006 XL<sub>3</sub> = 2008 GD<sub>138</sub>  
 2006 XT<sub>14</sub> = 2008 CA<sub>53</sub>  
 2006 XZ<sub>22</sub> = 2008 EZ<sub>70</sub> = 2008 DL<sub>62</sub>  
 2006 XO<sub>53</sub> = 2000 CR<sub>149</sub>  
 2006 XO<sub>57</sub> = 2006 WH<sub>203</sub>  
 2006 YZ<sub>20</sub> = 1999 RA<sub>246</sub>  
 2006 YW<sub>37</sub> = 1994 RK<sub>10</sub> = 2005 OG<sub>29</sub>  
 2007 AO<sub>27</sub> = 2001 XO<sub>111</sub> = 2006 UN<sub>204</sub>  
 2007 BU<sub>80</sub> = 2001 FD<sub>197</sub>  
 2007 CO = 2006 UB<sub>347</sub> = 2001 TW<sub>216</sub>  
 2007 CE<sub>42</sub> = 2008 JL<sub>39</sub>  
 2007 CY<sub>65</sub> = 1998 SJ<sub>117</sub>  
 2007 DY<sub>11</sub> = 2000 GU<sub>185</sub> = 2003 AF<sub>75</sub> = 2005 QL<sub>69</sub>  
 2007 DZ<sub>11</sub> = 2007 BE<sub>77</sub>  
 2007 DX<sub>13</sub> = 1998 SD<sub>51</sub> = 2004 GV<sub>66</sub>  
 2007 DV<sub>21</sub> = 2001 SS<sub>331</sub> = 2005 TP<sub>68</sub>  
 2007 DE<sub>42</sub> = 2007 EL<sub>206</sub> = 2000 CD<sub>66</sub>  
 2007 DQ<sub>53</sub> = 2000 FQ<sub>66</sub>  
 2007 DD<sub>105</sub> = 2000 GF<sub>51</sub> = 2003 AG<sub>44</sub>  
 2007 EQ<sub>51</sub> = 2006 SM<sub>122</sub> = 2008 EM<sub>95</sub>  
 2007 EY<sub>98</sub> = 2001 WP<sub>52</sub>  
 2007 EH<sub>105</sub> = 2002 UX<sub>65</sub> = 2004 FA<sub>166</sub>  
 2007 EL<sub>113</sub> = 2001 TW<sub>258</sub>  
 2007 EO<sub>210</sub> = 2000 EH<sub>199</sub> = 2005 SD<sub>200</sub>  
 2007 EC<sub>215</sub> = 2003 FQ<sub>9</sub>  
 2007 EN<sub>216</sub> = 2003 KR<sub>33</sub>  
 2007 FA<sub>13</sub> = 2008 QC<sub>20</sub>  
 2007 FY<sub>24</sub> = 2000 JR<sub>85</sub> = 2005 UP<sub>194</sub>  
 2007 GV = 2005 XC<sub>116</sub>  
 2007 GH<sub>20</sub> = 2003 UG<sub>342</sub>  
 2007 GM<sub>29</sub> = 2008 RT<sub>37</sub>  
 2007 GO<sub>30</sub> = 1996 AT<sub>10</sub> = 2002 JQ<sub>149</sub>  
 2007 GZ<sub>51</sub> = 2004 VE<sub>84</sub>  
 2007 GF<sub>63</sub> = 2001 TE<sub>238</sub> = 2005 UH<sub>429</sub>  
 2007 GO<sub>74</sub> = 1999 VY<sub>161</sub> = 2005 XS<sub>87</sub>  
 2007 HL<sub>14</sub> = 2008 RD<sub>59</sub>  
 2007 HP<sub>14</sub> = 2008 PH<sub>5</sub>  
 2007 HP<sub>21</sub> = 2008 QY<sub>1</sub>  
 2007 JL<sub>18</sub> = 1991 PZ<sub>24</sub>  
 2007 JB<sub>42</sub> = 2001 FB<sub>176</sub> = 2006 CH<sub>60</sub>  
 2007 MJ<sub>5</sub> = 2008 RL<sub>36</sub>  
 2007 PZ = 2003 UO<sub>301</sub>  
 2007 PZ<sub>11</sub> = 1999 JV<sub>137</sub> = 2004 XK<sub>188</sub>  
 2007 PR<sub>24</sub> = 2000 OD<sub>54</sub> = 2002 CY<sub>181</sub> = 2004 XZ<sub>162</sub>  
 2007 PN<sub>29</sub> = 2005 UG<sub>507</sub>  
 2007 PP<sub>38</sub> = 1998 HP<sub>77</sub>  
 2007 PS<sub>40</sub> = 2001 PF<sub>60</sub> = 2004 CG<sub>125</sub>

2007 QU<sub>1</sub> = 1998 QQ<sub>111</sub> = 2003 UR<sub>209</sub>

2007 QC<sub>5</sub> = 2008 RX<sub>65</sub>

2007 RR<sub>8</sub> = 1998 SE<sub>45</sub> = 2005 EK<sub>328</sub>

2007 RF<sub>16</sub> = 2003 TH<sub>35</sub> = 2006 HR<sub>97</sub>

2007 RB<sub>37</sub> = 1996 XT<sub>37</sub> = 2006 HQ<sub>62</sub>

2007 RU<sub>39</sub> = 1999 VB<sub>131</sub>

2007 RM<sub>69</sub> = 2003 QV<sub>82</sub>

2007 RA<sub>83</sub> = 2003 UH<sub>415</sub>

2007 RF<sub>93</sub> = 1990 SF<sub>23</sub>

2007 RH<sub>100</sub> = 2005 EU<sub>3</sub> = 2005 EH<sub>328</sub> = 2006 HE<sub>114</sub>

2007 RL<sub>108</sub> = 2000 FS<sub>54</sub> = 2005 JH<sub>95</sub>

2007 RT<sub>109</sub> = 1996 RD<sub>23</sub> = 2005 GU<sub>91</sub>

2007 RF<sub>110</sub> = 2004 DC<sub>69</sub>

2007 RB<sub>118</sub> = 2007 TN<sub>293</sub> = 2005 EO<sub>254</sub>

2007 RJ<sub>149</sub> = 2001 TU<sub>219</sub>

2007 RL<sub>150</sub> = 2005 BK<sub>9</sub>

2007 RJ<sub>164</sub> = 2002 AF<sub>137</sub>

2007 RR<sub>164</sub> = 2005 EJ<sub>323</sub> = 2005 FV<sub>11</sub>

2007 RJ<sub>168</sub> = 2006 KK<sub>98</sub>

2007 RR<sub>173</sub> = 2005 EA<sub>106</sub> = 2005 ET<sub>325</sub> = 2006 KB<sub>57</sub>

2007 RH<sub>191</sub> = 2007 TQ<sub>306</sub> = 2005 ED<sub>82</sub> = 2005 GE<sub>64</sub>

2007 RY<sub>192</sub> = 2001 SA<sub>330</sub>

2007 RV<sub>199</sub> = 2004 VL<sub>41</sub>

2007 RT<sub>211</sub> = 2004 XQ<sub>132</sub>

2007 RR<sub>213</sub> = 1997 WE<sub>23</sub>

2007 RB<sub>216</sub> = 2003 UU<sub>31</sub>

2007 RS<sub>217</sub> = 2002 EW<sub>66</sub>

2007 RC<sub>233</sub> = 1998 XO<sub>19</sub> = 2003 YD<sub>7</sub>

2007 RM<sub>237</sub> = 2004 TN<sub>369</sub>

2007 RW<sub>256</sub> = 2000 WO<sub>83</sub>

2007 RX<sub>276</sub> = 2003 XN<sub>22</sub>

2007 RD<sub>280</sub> = 2001 DG<sub>110</sub>

2007 SE<sub>10</sub> = 2002 RP<sub>207</sub> = 2005 GE<sub>226</sub>

2007 TJ<sub>7</sub> = 2007 VH<sub>1</sub> = 2003 YP<sub>170</sub>

2007 TG<sub>12</sub> = 2003 WT<sub>146</sub> = 2006 HN<sub>126</sub>

2007 TJ<sub>33</sub> = 2005 JB<sub>153</sub>

2007 TZ<sub>33</sub> = 2001 SK<sub>198</sub> = 2005 JM<sub>23</sub>

2007 TF<sub>43</sub> = 2007 VB<sub>75</sub> = 1996 WE<sub>1</sub>

2007 TS<sub>52</sub> = 2005 EO<sub>328</sub> = 2005 FJ<sub>13</sub> = 1998 SA<sub>41</sub>

2007 TS<sub>67</sub> = 2005 EE<sub>328</sub>

2007 TL<sub>75</sub> = 1996 TO<sub>22</sub>

2007 TO<sub>80</sub> = 2004 BR<sub>78</sub> = 2005 GQ<sub>10</sub>

2007 TM<sub>81</sub> = 2000 UK<sub>23</sub> = 2005 FE<sub>13</sub>

2007 TX<sub>95</sub> = 2007 TN<sub>5</sub> = 2001 QY<sub>87</sub>

2007 TK<sub>121</sub> = 2005 GY<sub>130</sub>

2007 TU<sub>121</sub> = 2004 XJ<sub>158</sub>

2007 TH<sub>126</sub> = 2008 AT<sub>113</sub>

2007 TZ<sub>128</sub> = 2003 XW<sub>43</sub>

2007 TW<sub>190</sub> = 2005 AL<sub>66</sub>

2007 TK<sub>220</sub> = 2000 YC<sub>32</sub>

2007 TD<sub>246</sub> = 2003 UY<sub>320</sub>

2007 TZ<sub>259</sub> = 1999 JH<sub>16</sub>

2007 TW<sub>268</sub> = 2003 UJ<sub>108</sub>

2007 TQ<sub>281</sub> = 2002 TV<sub>229</sub> = 2005 EJ<sub>87</sub> = 2005 EJ<sub>326</sub>

2007 TF<sub>282</sub> = 2002 TS<sub>140</sub> = 2005 EJ<sub>317</sub>

2007 TM<sub>295</sub> = 1998 BO<sub>39</sub> = 2002 XR<sub>93</sub>

2007 TS<sub>298</sub> = 2007 RB<sub>87</sub> = 2006 KY<sub>130</sub>

2007 TR<sub>299</sub> = 2005 AK<sub>73</sub>

2007 TU<sub>300</sub> = 2000 DQ<sub>61</sub>

2007 TX<sub>306</sub> = 2007 TT<sub>415</sub>

2007 TL<sub>309</sub> = 2006 DM<sub>87</sub>

2007 TL<sub>310</sub> = 2005 GA<sub>160</sub>

2007 TO<sub>339</sub> = 1995 UB<sub>28</sub>

2007 TO<sub>345</sub> = 2006 DS<sub>158</sub>

2007 TW<sub>352</sub> = 2006 HH<sub>125</sub>

2007 TH<sub>355</sub> = 1998 RT<sub>29</sub> = 2000 EH<sub>1</sub>

2007 TL<sub>355</sub> = 2001 QQ<sub>165</sub>

2007 TX<sub>365</sub> = 2002 TE<sub>331</sub>

2007 TK<sub>368</sub> = 2001 AM<sub>22</sub>

2007 TP<sub>372</sub> = 2001 SW<sub>124</sub>

2007 TP<sub>388</sub> = 1996 VK<sub>19</sub>

2007 TO<sub>389</sub> = 2002 RW<sub>192</sub>

2007 TJ<sub>393</sub> = 2005 GQ<sub>160</sub>

2007 TA<sub>410</sub> = 2001 QN<sub>286</sub>

2007 TR<sub>419</sub> = 1999 TY<sub>333</sub>

2007 TO<sub>421</sub> = 2006 JD<sub>22</sub>

2007 TC<sub>436</sub> = 2006 SW<sub>295</sub>

2007 UV = 2001 HY<sub>58</sub> = 2002 XE<sub>38</sub>

2007 UN<sub>7</sub> = 2004 DA<sub>35</sub>

2007 UG<sub>10</sub> = 2001 FG<sub>118</sub>

2007 UX<sub>28</sub> = 2004 EH<sub>98</sub>

2007 UZ<sub>29</sub> = 1994 AH<sub>13</sub> = 2004 HH<sub>13</sub>

2007 UZ<sub>43</sub> = 1999 GO<sub>62</sub>

2007 UJ<sub>61</sub> = 1998 TA<sub>9</sub>

2007 UC<sub>67</sub> = 2005 EH<sub>259</sub>

2007 UA<sub>78</sub> = 2007 VN<sub>317</sub> = 2005 EE<sub>237</sub> = 2005 GF<sub>226</sub>

2007 UZ<sub>86</sub> = 2000 TH<sub>56</sub>

2007 UZ<sub>115</sub> = 2004 FQ<sub>96</sub> = 2005 BT<sub>48</sub>

2007 UJ<sub>116</sub> = 2004 BN<sub>63</sub> = 2006 QZ<sub>127</sub>

2007 UA<sub>119</sub> = 1998 UR<sub>9</sub>

2007 VQ<sub>1</sub> = 2001 SN<sub>189</sub> = 2002 YP<sub>35</sub>

2007 VT<sub>19</sub> = 1995 SS<sub>57</sub>

2007 VG<sub>72</sub> = 2002 TB<sub>97</sub> = 2002 TK<sub>302</sub>

2007 VJ<sub>93</sub> = 2001 QX<sub>334</sub>

2007 VE<sub>98</sub> = 2006 KF<sub>144</sub>

2007 VM<sub>100</sub> = 2000 PO = 2006 QB<sub>170</sub>

2007 VM<sub>107</sub> = 2002 VZ<sub>141</sub> = 2005 JQ<sub>155</sub>

2007 VP<sub>109</sub> = 2002 TL<sub>319</sub> = 2005 CY<sub>79</sub>

2007 VX<sub>166</sub> = 2002 UP<sub>76</sub>

2007 VZ<sub>239</sub> = 2006 HR<sub>152</sub>

2007 VA<sub>254</sub> = 2004 FE<sub>8</sub>

2007 VG<sub>293</sub> = 2005 MO<sub>11</sub>

2007 VA<sub>296</sub> = 1999 RC<sub>255</sub>

2007 WR = 2002 US<sub>72</sub> = 2005 LL<sub>47</sub>

2007 WR<sub>5</sub> = 2001 SO<sub>272</sub>  
 2007 WX<sub>48</sub> = 2000 FB<sub>69</sub>  
 2007 WJ<sub>56</sub> = 2007 VR<sub>177</sub>  
 2007 XR<sub>1</sub> = 2005 ED<sub>147</sub>  
 2007 XU<sub>10</sub> = 2004 BH<sub>67</sub> = 2005 GY<sub>211</sub>  
 2007 XE<sub>30</sub> = 2000 WB<sub>186</sub> = 2005 GR<sub>190</sub>  
 2007 XX<sub>33</sub> = 2004 BR<sub>45</sub>  
 2007 XH<sub>54</sub> = 2002 TW<sub>383</sub>  
 2007 YK<sub>9</sub> = 1999 TW<sub>96</sub>  
 2007 YB<sub>15</sub> = 1997 SY<sub>28</sub> = 2004 EM<sub>55</sub> = 2006 SE<sub>9</sub>  
 2007 YX<sub>15</sub> = 2003 YH<sub>146</sub> = 2005 KG<sub>2</sub>  
 2007 YG<sub>42</sub> = 2008 AH<sub>112</sub> = 2002 TL<sub>366</sub>  
 2007 YW<sub>46</sub> = 2008 DV<sub>85</sub> = 2005 NK<sub>62</sub>  
 2007 YO<sub>49</sub> = 2001 VK<sub>89</sub>  
 2007 YQ<sub>51</sub> = 2003 SX<sub>176</sub>  
 2007 YJ<sub>53</sub> = 1998 YM = 1999 CZ<sub>159</sub> = 1999 DT<sub>9</sub>  
 2008 AR<sub>10</sub> = 2005 NX<sub>26</sub>  
 2008 AM<sub>20</sub> = 2002 TE<sub>329</sub> = 2004 CP<sub>121</sub>  
 2008 AV<sub>54</sub> = 2006 SP<sub>338</sub>  
 2008 AG<sub>63</sub> = 2005 NC<sub>53</sub>  
 2008 AC<sub>70</sub> = 2005 EU<sub>171</sub>  
 2008 AB<sub>76</sub> = 2008 DG<sub>33</sub> = 2001 UU<sub>37</sub>  
 2008 AZ<sub>76</sub> = 2002 VJ<sub>107</sub>  
 2008 AC<sub>86</sub> = 2005 NL<sub>125</sub>  
 2008 AJ<sub>92</sub> = 1999 CC<sub>135</sub>  
 2008 AT<sub>97</sub> = 2006 WU<sub>177</sub>  
 2008 AK<sub>102</sub> = 2005 EN<sub>162</sub>  
 2008 AO<sub>107</sub> = 2000 LT<sub>37</sub>  
 2008 BF<sub>1</sub> = 2001 XS<sub>111</sub>  
 2008 BU<sub>16</sub> = 2004 GT<sub>87</sub> = 2005 NS<sub>12</sub>  
 2008 BD<sub>32</sub> = 2001 DH<sub>85</sub>  
 2008 CS<sub>11</sub> = 2005 NT<sub>81</sub>  
 2008 CA<sub>14</sub> = 2002 TY<sub>153</sub>  
 2008 CO<sub>19</sub> = 2001 YJ<sub>58</sub>  
 2008 CH<sub>27</sub> = 2002 TE<sub>325</sub>  
 2008 CW<sub>38</sub> = 2005 MT<sub>50</sub>  
 2008 CR<sub>53</sub> = 2003 QQ<sub>36</sub>  
 2008 CT<sub>71</sub> = 2008 CN<sub>10</sub> = 2003 BV<sub>38</sub>  
 2008 CV<sub>76</sub> = 2008 AM<sub>118</sub>  
 2008 CD<sub>80</sub> = 2002 CE<sub>300</sub>  
 2008 CX<sub>113</sub> = 2005 QP<sub>139</sub>  
 2008 CU<sub>114</sub> = 2004 FF<sub>158</sub>  
 2008 CW<sub>133</sub> = 2001 RN<sub>111</sub>  
 2008 CG<sub>152</sub> = 2005 UX<sub>119</sub> = 2005 VD<sub>19</sub>  
 2008 CQ<sub>156</sub> = 2006 WP<sub>124</sub>  
 2008 CC<sub>167</sub> = 2005 NQ<sub>33</sub>  
 2008 CQ<sub>172</sub> = 2006 WH<sub>96</sub>  
 2008 CV<sub>179</sub> = 2003 YD<sub>49</sub>  
 2008 CZ<sub>179</sub> = 2004 FW<sub>104</sub>  
 2008 CZ<sub>182</sub> = 2008 DQ<sub>70</sub>  
 2008 CL<sub>185</sub> = 2008 BE<sub>40</sub> = 2002 TO<sub>233</sub>  
 2008 DF<sub>37</sub> = 2005 TP<sub>174</sub> = 2006 YM<sub>3</sub>

2008 DO<sub>37</sub> = 1999 GO<sub>54</sub> = 2005 YT<sub>1</sub>  
 2008 DT<sub>40</sub> = 2001 SQ<sub>300</sub> = 2006 VX<sub>106</sub>  
 2008 DW<sub>40</sub> = 1999 VZ<sub>207</sub> = 1999 UL<sub>58</sub>  
 2008 DN<sub>85</sub> = 2005 ND<sub>93</sub> = 2006 UR<sub>314</sub>  
 2008 DR<sub>85</sub> = 2002 AW<sub>67</sub>  
 2008 DT<sub>85</sub> = 2003 GT<sub>56</sub>  
 2008 EC<sub>6</sub> = 2002 YA<sub>28</sub>  
 2008 EU<sub>35</sub> = 2001 UT<sub>218</sub>  
 2008 EP<sub>41</sub> = 2008 EF<sub>159</sub> = 2004 HT<sub>68</sub>  
 2008 ER<sub>51</sub> = 2001 SK<sub>308</sub>  
 2008 EB<sub>70</sub> = 2003 AZ<sub>75</sub>  
 2008 EG<sub>70</sub> = 2002 RZ<sub>215</sub> = 2005 LH<sub>47</sub>  
 2008 EH<sub>72</sub> = 2006 XH<sub>69</sub>  
 2008 EP<sub>89</sub> = 2005 UT<sub>506</sub>  
 2008 EK<sub>92</sub> = 2006 YA<sub>44</sub>  
 2008 EV<sub>95</sub> = 1993 FP<sub>81</sub>  
 2008 EG<sub>103</sub> = 2002 CE<sub>302</sub>  
 2008 EH<sub>104</sub> = 2006 WT<sub>177</sub>  
 2008 EE<sub>105</sub> = 2003 SN<sub>382</sub>  
 2008 EM<sub>133</sub> = 2002 AG<sub>75</sub>  
 2008 EX<sub>154</sub> = 2006 WW<sub>62</sub>  
 2008 EU<sub>157</sub> = 1997 GC<sub>1</sub>  
 2008 EF<sub>158</sub> = 2005 SC<sub>269</sub>  
 2008 EK<sub>158</sub> = 2002 TC<sub>322</sub>  
 2008 EL<sub>158</sub> = 2006 UK<sub>342</sub>  
 2008 EN<sub>158</sub> = 2005 UT<sub>496</sub>  
 2008 EP<sub>158</sub> = 2005 US<sub>438</sub>  
 2008 FA<sub>29</sub> = 2002 RY<sub>223</sub>  
 2008 FK<sub>41</sub> = 2004 RX<sub>300</sub> = 2005 VM<sub>125</sub>  
 2008 FP<sub>78</sub> = 2005 OH<sub>31</sub>  
 2008 FU<sub>128</sub> = 1998 EM<sub>3</sub> = 2006 VF<sub>172</sub>  
 2008 FS<sub>130</sub> = 2002 CJ<sub>196</sub>  
 2008 FV<sub>130</sub> = 2003 FB<sub>23</sub>  
 2008 GC<sub>23</sub> = 1998 WE<sub>46</sub>  
 2008 GR<sub>23</sub> = 1994 AU<sub>16</sub>  
 2008 GN<sub>27</sub> = 2004 GZ<sub>63</sub>  
 2008 GA<sub>85</sub> = 2008 GU<sub>23</sub>  
 2008 GK<sub>93</sub> = 2007 AK<sub>4</sub>  
 2008 GE<sub>113</sub> = 2002 EQ<sub>94</sub>  
 2008 GJ<sub>135</sub> = 2004 RR<sub>301</sub>  
 2008 GM<sub>136</sub> = 2001 YK<sub>36</sub> = 2005 TC<sub>54</sub>  
 2008 GF<sub>137</sub> = 1996 TG<sub>37</sub> = 1999 JD<sub>133</sub> = 2005 TA<sub>181</sub>  
 2008 GY<sub>137</sub> = 2005 MN<sub>43</sub>  
 2008 HW<sub>51</sub> = 1999 TG<sub>301</sub> = 2004 TZ<sub>146</sub>  
 2008 HR<sub>68</sub> = 2005 XM<sub>117</sub>  
 2008 HW<sub>68</sub> = 2005 XN<sub>117</sub>  
 2008 JG<sub>6</sub> = 2005 WK<sub>209</sub>  
 2008 JK<sub>15</sub> = 2001 UA<sub>137</sub>  
 2008 JW<sub>15</sub> = 2004 HN<sub>20</sub>  
 2008 JA<sub>31</sub> = 2003 WN<sub>189</sub>  
 2008 JG<sub>35</sub> = 2003 QK<sub>73</sub>  
 2008 JC<sub>39</sub> = 2001 YJ<sub>147</sub>

2008 KV<sub>4</sub> = 2002 VY<sub>141</sub>  
 2008 KB<sub>43</sub> = 2003 PV<sub>9</sub> = 2005 ES<sub>169</sub>  
 2008 LW<sub>4</sub> = 2005 XJ<sub>16</sub>  
 2008 LF<sub>5</sub> = 2005 UP<sub>302</sub>  
 2008 LL<sub>15</sub> = 2002 AV<sub>139</sub>  
 2008 LZ<sub>16</sub> = 1997 SH<sub>24</sub>  
 2008 MJ<sub>3</sub> = 2008 PW<sub>5</sub> = 2006 AF<sub>80</sub>  
 2008 NK<sub>1</sub> = 1979 OJ<sub>11</sub>  
 2008 OB<sub>2</sub> = 2007 ED<sub>98</sub>  
 2008 OR<sub>2</sub> = 2004 EW<sub>88</sub>  
 2008 OZ<sub>2</sub> = 2001 OW = 2004 GP<sub>64</sub>  
 2008 OL<sub>7</sub> = 2006 BA<sub>270</sub>  
 2008 OF<sub>8</sub> = 1995 QH<sub>15</sub>  
 2008 OY<sub>9</sub> = 2001 YG<sub>36</sub>  
 2008 OO<sub>10</sub> = 2003 SE<sub>344</sub>  
 2008 OQ<sub>10</sub> = 1999 TM<sub>296</sub> = 2002 EV<sub>121</sub>  
 2008 OR<sub>13</sub> = 2005 XU<sub>46</sub>  
 2008 OU<sub>13</sub> = 2003 UY<sub>218</sub> = 2005 AX<sub>55</sub>  
 2008 OA<sub>18</sub> = 2007 DA<sub>45</sub>  
 2008 OB<sub>18</sub> = 1997 RW<sub>11</sub>  
 2008 OH<sub>19</sub> = 2007 HH<sub>74</sub>  
 2008 PC = 2007 EY<sub>19</sub>  
 2008 PD = 2005 TW<sub>174</sub>  
 2008 PF = 2004 TD<sub>339</sub>  
 2008 PO = 2001 NM<sub>9</sub>  
 2008 PS = 2001 TA<sub>225</sub>  
 2008 PV<sub>1</sub> = 2007 EB<sub>201</sub>  
 2008 PA<sub>2</sub> = 2004 WZ<sub>2</sub>  
 2008 PQ<sub>2</sub> = 1998 SZ<sub>95</sub> = 2007 DU<sub>50</sub> = 2007 DV<sub>114</sub>  
 2008 PV<sub>2</sub> = 2007 EN<sub>197</sub>  
 2008 PU<sub>3</sub> = 2005 XR<sub>6</sub>  
 2008 PF<sub>4</sub> = 2003 UW<sub>75</sub>  
 2008 PS<sub>4</sub> = 2004 RP<sub>290</sub>  
 2008 PU<sub>4</sub> = 2007 FS<sub>47</sub>  
 2008 PX<sub>4</sub> = 2004 LO<sub>30</sub>  
 2008 PG<sub>6</sub> = 2001 WG<sub>84</sub>  
 2008 PK<sub>6</sub> = 1997 UA<sub>2</sub>  
 2008 PO<sub>6</sub> = 2007 ES<sub>38</sub>  
 2008 PT<sub>6</sub> = 1998 TM<sub>26</sub> = 2003 UA<sub>348</sub>  
 2008 PX<sub>6</sub> = 2001 SO<sub>121</sub>  
 2008 PZ<sub>6</sub> = 2004 TJ<sub>306</sub>  
 2008 PT<sub>7</sub> = 2003 UJ<sub>401</sub>  
 2008 PU<sub>7</sub> = 2003 UC<sub>107</sub>  
 2008 PZ<sub>7</sub> = 2000 DL<sub>115</sub> = 2007 EZ<sub>129</sub>  
 2008 PV<sub>8</sub> = 2003 UC<sub>3</sub>  
 2008 PO<sub>9</sub> = 2001 WE<sub>91</sub>  
 2008 PT<sub>9</sub> = 2004 FJ<sub>85</sub>  
 2008 PU<sub>9</sub> = 2007 EC<sub>153</sub>  
 2008 PE<sub>11</sub> = 2007 EW<sub>110</sub> = 2007 GC<sub>74</sub>  
 2008 PG<sub>11</sub> = 2006 BB<sub>107</sub>  
 2008 PS<sub>11</sub> = 1997 SH<sub>35</sub>  
 2008 PU<sub>11</sub> = 2006 VW<sub>12</sub>

2008 PZ<sub>11</sub> = 2005 UY<sub>415</sub>  
 2008 PJ<sub>12</sub> = 1997 QW<sub>2</sub>  
 2008 PN<sub>13</sub> = 2001 TN<sub>234</sub>  
 2008 PG<sub>14</sub> = 2005 UP<sub>173</sub>  
 2008 PU<sub>15</sub> = 1997 TY<sub>14</sub>  
 2008 PZ<sub>15</sub> = 1995 OM<sub>8</sub>  
 2008 PA<sub>16</sub> = 2005 UC<sub>147</sub>  
 2008 PT<sub>16</sub> = 1997 SB<sub>18</sub>  
 2008 PY<sub>16</sub> = 2007 GN<sub>2</sub>  
 2008 PZ<sub>16</sub> = 2007 FG<sub>13</sub>  
 2008 PP<sub>17</sub> = 2004 GY<sub>64</sub>  
 2008 QD = 2004 RY<sub>339</sub>  
 2008 QJ<sub>1</sub> = 1997 UP<sub>16</sub> = 2001 YA<sub>162</sub>  
 2008 QZ<sub>1</sub> = 2005 WD<sub>152</sub>  
 2008 QD<sub>2</sub> = 2006 CY<sub>27</sub>  
 2008 QV<sub>2</sub> = 2004 PW<sub>41</sub>  
 2008 QW<sub>2</sub> = 2007 ES<sub>70</sub>  
 2008 QB<sub>3</sub> = 2007 BB<sub>2</sub>  
 2008 QR<sub>3</sub> = 2004 RQ<sub>47</sub>  
 2008 QY<sub>3</sub> = 2002 CN<sub>300</sub>  
 2008 QA<sub>4</sub> = 1999 VP<sub>96</sub>  
 2008 QB<sub>4</sub> = 2005 WW<sub>158</sub>  
 2008 QC<sub>4</sub> = 2004 HE<sub>69</sub> = 2007 PT<sub>8</sub>  
 2008 QD<sub>5</sub> = 2006 DE<sub>37</sub>  
 2008 QZ<sub>5</sub> = 2005 VS<sub>51</sub>  
 2008 QS<sub>6</sub> = 2002 GN<sub>39</sub>  
 2008 QU<sub>6</sub> = 2000 JH<sub>86</sub>  
 2008 QC<sub>7</sub> = 2006 AY<sub>91</sub>  
 2008 QF<sub>7</sub> = 2004 TT<sub>355</sub>  
 2008 QV<sub>7</sub> = 2005 UK<sub>467</sub>  
 2008 QZ<sub>7</sub> = 2003 HM<sub>14</sub>  
 2008 QC<sub>8</sub> = 2001 ST<sub>11</sub>  
 2008 QD<sub>8</sub> = 2001 UA<sub>111</sub> = 2005 VY<sub>70</sub>  
 2008 QH<sub>8</sub> = 2003 UV<sub>394</sub>  
 2008 QL<sub>8</sub> = 2002 CB<sub>235</sub>  
 2008 QO<sub>8</sub> = 2003 SK<sub>391</sub>  
 2008 QQ<sub>8</sub> = 2006 EN<sub>42</sub>  
 2008 QX<sub>8</sub> = 2001 DP<sub>12</sub> = 2004 XL<sub>1</sub> = 2006 DC<sub>154</sub>  
 2008 QC<sub>9</sub> = 2002 ER<sub>94</sub>  
 2008 QM<sub>9</sub> = 2006 EP<sub>62</sub>  
 2008 QN<sub>9</sub> = 1995 UW<sub>11</sub>  
 2008 QO<sub>9</sub> = 2007 EV<sub>15</sub>  
 2008 QQ<sub>9</sub> = 2006 DS<sub>188</sub>  
 2008 QV<sub>9</sub> = 2007 EJ<sub>160</sub>  
 2008 QD<sub>10</sub> = 2007 HZ<sub>10</sub>  
 2008 QF<sub>10</sub> = 2001 UC<sub>203</sub>  
 2008 QL<sub>10</sub> = 2003 SE<sub>131</sub>  
 2008 QP<sub>10</sub> = 2002 EN<sub>118</sub>  
 2008 QG<sub>11</sub> = 2001 TF<sub>39</sub>  
 2008 QM<sub>11</sub> = 2004 XR<sub>27</sub>  
 2008 QC<sub>12</sub> = 2003 TC<sub>52</sub>  
 2008 QH<sub>12</sub> = 2007 GB<sub>30</sub>

2008 QU<sub>12</sub> = 2006 BQ<sub>53</sub>  
 2008 QW<sub>12</sub> = 2004 OP<sub>2</sub>  
 2008 QP<sub>13</sub> = 2000 EN<sub>52</sub>  
 2008 QT<sub>13</sub> = 2004 XO<sub>185</sub>  
 2008 QG<sub>14</sub> = 2005 WM<sub>82</sub>  
 2008 QH<sub>14</sub> = 2007 EW<sub>33</sub>  
 2008 QM<sub>14</sub> = 2006 BV<sub>247</sub>  
 2008 QP<sub>14</sub> = 1999 TV<sub>82</sub> = 2006 BZ<sub>158</sub>  
 2008 QX<sub>14</sub> = 2004 TB<sub>240</sub>  
 2008 QT<sub>15</sub> = 2007 HK<sub>2</sub>  
 2008 QA<sub>16</sub> = 2006 BJ<sub>164</sub>  
 2008 QB<sub>16</sub> = 2001 UP<sub>211</sub>  
 2008 QN<sub>16</sub> = 2003 TJ<sub>41</sub>  
 2008 QT<sub>16</sub> = 2001 WY<sub>82</sub>  
 2008 QN<sub>17</sub> = 2004 NK<sub>23</sub> = 2007 EU<sub>154</sub>  
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 2008 QS<sub>20</sub> = 1995 QY<sub>7</sub>  
 2008 QV<sub>20</sub> = 1999 TG<sub>183</sub>  
 2008 QA<sub>21</sub> = 2005 UN<sub>275</sub>  
 2008 QZ<sub>21</sub> = 2003 WD<sub>184</sub>  
 2008 QH<sub>22</sub> = 2006 CC<sub>6</sub>  
 2008 QM<sub>22</sub> = 2003 UT<sub>52</sub>  
 2008 QV<sub>22</sub> = 2003 SW<sub>355</sub>  
 2008 QR<sub>23</sub> = 1997 NV<sub>6</sub> = 2005 BQ<sub>35</sub>  
 2008 QX<sub>25</sub> = 2007 EV<sub>164</sub>  
 2008 QZ<sub>25</sub> = 2003 UP<sub>304</sub>  
 2008 QF<sub>28</sub> = 2003 SP<sub>363</sub>  
 2008 QH<sub>28</sub> = 2003 SH<sub>271</sub> = 2007 MG<sub>26</sub>  
 2008 QU<sub>29</sub> = 1997 SG<sub>8</sub>  
 2008 QK<sub>30</sub> = 2003 TE<sub>18</sub> = 2004 XJ<sub>75</sub>  
 2008 QP<sub>31</sub> = 1999 TB<sub>295</sub>  
 2008 QR<sub>32</sub> = 2004 TG<sub>327</sub>  
 2008 RZ<sub>1</sub> = 2006 HJ<sub>146</sub>  
 2008 RH<sub>3</sub> = 2007 RE<sub>263</sub>  
 2008 RA<sub>4</sub> = 2003 TU<sub>39</sub>  
 2008 RF<sub>4</sub> = 2005 UP<sub>368</sub>  
 2008 RE<sub>5</sub> = 2006 KF<sub>30</sub>  
 2008 RG<sub>7</sub> = 2004 RX<sub>172</sub>  
 2008 RZ<sub>10</sub> = 2003 UY<sub>387</sub>  
 2008 RC<sub>11</sub> = 2007 DC<sub>49</sub>  
 2008 RY<sub>24</sub> = 2005 XR<sub>61</sub>  
 2008 RU<sub>27</sub> = 2000 KK<sub>83</sub> = 2007 FQ<sub>21</sub>  
 2008 RC<sub>30</sub> = 2001 TG<sub>186</sub>  
 2008 RE<sub>44</sub> = 2001 XR<sub>141</sub>  
 2008 RQ<sub>51</sub> = 1998 SC<sub>120</sub>  
 2008 RQ<sub>66</sub> = 2004 TG<sub>287</sub>  
 2008 RX<sub>66</sub> = 2004 RF<sub>37</sub>  
 6715 P-L = 2008 QM<sub>27</sub>  
 1436 T-2 = 2008 PW<sub>15</sub>  
 5019 T-2 = 2008 CF<sub>114</sub>  
 5088 T-3 = 2005 EM<sub>327</sub> = 2006 BR<sub>62</sub> = 2007 HR<sub>76</sub>  
 5104 T-3 = 2008 NT<sub>4</sub>

## NEW NAMES OF MINOR PLANETS

**(24316) Anncooper = 2000 AQ<sub>11</sub>**

Discovered 2000 Jan. 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

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**(24317) Pukarhamal = 2000 AL<sub>12</sub>**

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Discovered 2000 Jan. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Thomas McLean Burr (b. 1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his behavioral and social sciences project. He attends the South Fork High School, Stuart, Florida, U.S.A.

**(24331) Alyshaowen = 2000 AL<sub>68</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alysha Harper Owen (b. 1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Dallastown Area High School, Dallastown, Pennsylvania, U.S.A.

**(24332) Shaunalinn = 2000 AK<sub>69</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shauna Theresa Linn (b. 1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Baltimore Polytechnic Institute, Baltimore, Maryland, U.S.A.

**(24333) Petermassey = 2000 AA<sub>70</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Peter Hans Massey (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his behavioral and social sciences team project. He attends the Manhasset High School, Manhasset, New York, U.S.A.

**(24334) Conard = 2000 AL<sub>71</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Russell B. Conard (b.1989) was awarded first place in the 2008 Intel International Science and Engineering Fair for his biochemistry project. He attends the William Henry Harrison High School, West Lafayette, Indiana, U.S.A.

**(24337) Johannessen = 2000 AF<sub>77</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Liv Helena Johannessen (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her biochemistry project. She attends the Governor Thomas Johnson High School, Frederick, Maryland, U.S.A.

**(24344) Brianbarnett = 2000 AB<sub>99</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brian Gray Barnett (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his biochemistry team project. He attends the Chamblee Charter High School, Chamblee, Georgia, U.S.A.

**(24345) Llaverias = 2000 AU<sub>99</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Priscila Elena Llaverias (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Chamblee Charter High School, Chamblee, Georgia, U.S.A.

**(24346) Lehienphan = 2000 AK<sub>100</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Le Hien Thi Phan (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Chamblee Charter High School, Chamblee, Georgia, U.S.A.

**(24347) Arthurkuan = 2000 AF<sub>102</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Arthur Kuan (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his cellular and molecular biology project. He attends the Stevenson School, Pebble Beach, California, U.S.A.

**(24351) Fionawood = 2000 AD<sub>104</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Fiona Winifred Wood (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her cellular and molecular biology project. She attends the North Haven High School, North Haven, Connecticut, U.S.A.

**(24352) Kapilrama = 2000 AE<sub>104</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kapil Vishveshwar Ramachandran (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his cellular and molecular biology project. He attends the Westwood High School, Austin, Texas, U.S.A.

**(24353) Patrickhsu = 2000 AG<sub>104</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Patrick David Hsu (b.1992) was awarded first place in the 2008 Intel International Science and Engineering Fair for his cellular and molecular biology project. He is homeschooled in Stanford, California, U.S.A.

**(24354) Caz = 2000 AA<sub>105</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christopher Allen Zimmerman (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his chemistry project. He attends the Muhlenberg High School, Laureldale, Pennsylvania, U.S.A.

**(24369) Evanichols = 2000 AE<sub>132</sub>**

Discovered 2000 Jan. 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eva Megan Nichols (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her chemistry team project. She attends the Catalina Foothills High School, Tucson, Arizona, U.S.A.

**(24370) Marywang = 2000 AX<sub>139</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mary Xue Wang (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her chemistry team project. She attends the Catalina Foothills High School, Tucson, Arizona, U.S.A.

**(24372) Timobauman = 2000 AG<sub>140</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Timothy Bauman (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his computer science project. He attends the Central Catholic High School, Portland, Oregon, U.S.A.

**(24376) Ramesh = 2000 AB<sub>152</sub>**

Discovered 2000 Jan. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vinayak Ramesh (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his computer science project. He attends the Oak Ridge High School, El Dorado Hills, California, U.S.A.

**(24378) Katelyngibbs = 2000 AZ<sub>154</sub>**

Discovered 2000 Jan. 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katelyn Elizabeth Gibbs (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for her earth and planetary science project. She attends the Great Falls High School, Great Falls, Montana, U.S.A.

**(24385) Katcagen = 2000 AM<sub>172</sub>**

Discovered 2000 Jan. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katherine Thompson Cagen (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her earth and planetary science project. She attends the Horace Mann School, Riverdale, New York, U.S.A.

**(24386) McLindon = 2000 AV<sub>172</sub>**

Discovered 2000 Jan. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bonnie Joyce McLindon (b.1992) was awarded first place in the 2008 Intel International Science and Engineering Fair for her earth and planetary science project. She attends the St. Joseph's Academy, Baton Rouge, Louisiana, U.S.A.

**(24387) Trettel = 2000 AB<sub>174</sub>**

Discovered 2000 Jan. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Stephen Jerome Trettel (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering project. He attends the New Prague High School, New Prague, Minnesota, U.S.A.

**(24397) Parkerowan = 2000 AT<sub>186</sub>**

Discovered 2000 Jan. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Parker Owan (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering project. He is homeschooled in Tucson, Arizona, U.S.A.

**(24409) Caninquinn = 2000 AH<sub>235</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Canin Quinn Christell (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering project. He is homeschooled in Springfield, Missouri, U.S.A.

**(24410) Juliewalker = 2000 AZ<sub>236</sub>**

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Julie Emily Walker (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her electrical and mechanical engineering project. She attends the Leonardtown High School, Leonardtown, Maryland, U.S.A.

**(24422) Helentressa = 2000 CF<sub>3</sub>**

Discovered 2000 Feb. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Helen Tressa D'Couto (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her environmental management project. She attends the Clear Lake High School, Houston, Texas, U.S.A.

**(24432) Elizamcnitt = 2000 CT<sub>48</sub>**

Discovered 2000 Feb. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eliza Helen McNitt (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her environmental management project. She attends the Greenwich High School, Greenwich, Connecticut, U.S.A.

**(24438) Michaeloy = 2000 EV<sub>94</sub>**

Discovered 2000 Mar. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Jeffrey Loy (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering project. He attends the Oregon Episcopal School, Portland, Oregon, U.S.A.

**(24464) Williamkalb = 2000 SX<sub>124</sub>**

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

William B. Kalb (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering project. He attends the Horace Mann School, Riverdale, New York, U.S.A.

**(24474) Ananthram = 2000 VE<sub>2</sub>**

Discovered 2000 Nov. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ananth Ram (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering project. He attends the Texas Academy of Mathematics and Science, Denton, Texas, U.S.A.

**(24484) Chester = 2000 YV<sub>49</sub>**

Discovered 2000 Dec. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shai Matthew Chester (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering team project. He attends the Yeshiva University High School for Boys, New York, New York, U.S.A.

**(24488) Eliebochner = 2000 YY<sub>111</sub>**

Discovered 2000 Dec. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elie Joshua Bochner (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering team project. He attends the Yeshiva University High School for Boys, New York, New York, U.S.A.

**(24492) Nathanmonroe = 2000 YQ<sub>131</sub>**

Discovered 2000 Dec. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nathan McKay Monroe (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his energy and transportation project. He attends the Episcopal High School of Jacksonville, Jacksonville, Florida, U.S.A.

**(24493) McCommon = 2000 YT<sub>131</sub>**

Discovered 2000 Dec. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Steven Richard McCommon (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his environmental sciences project. He attends the Merritt Island High School, Merritt Island, Florida, U.S.A.

**(24494) Megmoulding = 2000 YH<sub>132</sub>**

Discovered 2000 Dec. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Megan Moulding (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her environmental sciences project. She attends the Fremont High School, Plain City, Utah, U.S.A.

**(24509) Joycechai = 2001 BT<sub>27</sub>**

Discovered 2001 Jan. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joyce Sophia Chai (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her environmental sciences project. She attends the Palos Verdes Peninsula High School, Rolling Hills Estates, California, U.S.A.

**(24517) Omattage = 2001 BN<sub>71</sub>**

Discovered 2001 Jan. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Natalie Saranga Omattage (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her environmental sciences project. She also received the Intel Foundation Young Scientist Award. She attends the Mississippi School for Mathematics and Science, Columbus, Mississippi, U.S.A.

**(24520) Abramson = 2001 CW<sub>1</sub>**

Discovered 2001 Feb. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ronit Batya Roth Abramson (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her environmental sciences project. She attends the Canyon Crest Academy, San Diego, California, U.S.A.

**(24523) Sanaraaof = 2001 CV<sub>3</sub>**

Discovered 2001 Feb. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sana Raoof (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her mathematical sciences project. She also received the Intel Foundation Young Scientist Award. She attends the Jericho High School, Jericho, New York, U.S.A.

**(24524) Kevinhawkins = 2001 CY<sub>3</sub>**

Discovered 2001 Feb. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kevin Kyle Hawkins (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his mathematical sciences project. He attends the GlenOak High School, Canton, Ohio, U.S.A.

**(24526) Desai = 2001 CA<sub>5</sub>**

Discovered 2001 Feb. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kshitij A. Desai (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences project. He attends the Michael E. DeBakey High School for Health Professions, Houston, Texas, U.S.A.

**(24529) Urbach = 2001 CW<sub>17</sub>**

Discovered 2001 Feb. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jourdan Brandt Urbach (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences project. He attends the Roslyn High School, Roslyn Heights, New York, U.S.A.

**(24538) Charliexie = 2001 DM<sub>5</sub>**

Discovered 2001 Feb. 16 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Charlie L. Xie (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences project. He attends the Martin Luther King, Jr. Magnet School, Nashville, Tennessee, U.S.A.

**(24541) Hangzou = 2001 DO<sub>16</sub>**

Discovered 2001 Feb. 16 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hang Richard Zou (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences project. He attends the Albuquerque Academy, Albuquerque, New Mexico, U.S.A.

**(24546) Darnell = 2001 DE<sub>35</sub>**

Discovered 2001 Feb. 19 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alicia Marie Darnell (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her medicine and health sciences project. She attends the Pelham Memorial High School, Pelham, New York, U.S.A.

**(24547) Stauber = 2001 DV<sub>36</sub>**

Discovered 2001 Feb. 19 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zachary Jason Stauber (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences project. He attends the Mira Loma High School, Sacramento, California, U.S.A.

**(24548) Katieeverett = 2001 DW<sub>42</sub>**

Discovered 2001 Feb. 19 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katie Elizabeth Everett (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her medicine and health sciences project. She attends the Huron High School, Ann Arbor, Michigan, U.S.A.

**(24549) Jaredgoodman = 2001 DB<sub>69</sub>**

Discovered 2001 Feb. 19 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jared Vega Goodman (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences team project. He also received the EU Contest for Young Scientists Award. He attends the Oak Hall School, Gainesville, Florida, U.S.A.

**(24968) Chernyakhovsky = 1998 BY<sub>12</sub>**

Discovered 1998 Jan. 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alexander Chernyakhovsky (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences team project. He attends the William Mason High School, Mason, Ohio, U.S.A.

**(24977) Tongzhan = 1998 HE<sub>87</sub>**

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tong Zhan (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences team project. He attends the William Mason High School, Mason, Ohio, U.S.A.

**(24985) Benuri = 1998 KW<sub>45</sub>**

Discovered 1998 May 22 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin Uri Hoffman (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his microbiology project. He attends the Georgetown Day School, Washington, District of Columbia, U.S.A.

**(24986) Yalefan = 1998 KS<sub>46</sub>**

Discovered 1998 May 22 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yale Wang Fan (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his physics and astronomy project. He attends the Catlin Gabel School, Portland, Oregon, U.S.A.

**(25019) Walentosky = 1998 QO<sub>10</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew James Walentosky (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his physics and astronomy project. He attends the Oil City High School, Oil City, Pennsylvania, U.S.A.

**(25020) Tinyacheng = 1998 QY<sub>13</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tinya Cheng (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her physics and astronomy team project. She attends the Townsend Harris High School, Flushing, New York, U.S.A.

**(25021) Nischaykumar = 1998 QV<sub>17</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nischay Kumar (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his physics and astronomy team project. He attends the Townsend Harris High School, Flushing, New York, U.S.A.

**(25022) Hemalibatra = 1998 QK<sub>18</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hemali Chandramohan Batra (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her plant sciences project. She attends the Central Campus High School, Des Moines, Iowa, U.S.A.

**(25023) Sundaresh = 1998 QA<sub>19</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sushant Sundaresh (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his plant sciences project. He attends the Harker School, San Jose, California, U.S.A.

**(25024) Calebmcgraw = 1998 QL<sub>19</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Caleb John McGraw (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his plant sciences team project. He attends the Mount Edgecumbe High School, Sitka, Alaska, U.S.A.

**(25025) Joshuavo = 1998 QW<sub>20</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joshua Tristan Vo (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his plant sciences team project. He attends the Mount Edgecumbe High School, Sitka, Alaska, U.S.A.

**(25032) Randallray = 1998 QV<sub>31</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Randall Scott Ray (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for his plant sciences team project. He attends the Wentzville Holt High School, Wentzville, Missouri, U.S.A.

**(25034) Lesliemarie = 1998 QS<sub>32</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Leslie Marie Young (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for her plant sciences team project. She attends the Wentzville Holt High School, Wentzville, Missouri, U.S.A.

**(25035) Scalesse = 1998 QN<sub>33</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Charlie Alexandra Scalesse (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for her animal sciences project. She attends the London Central Secondary School, London, Ontario, Canada.

**(25036) Elizabethhof = 1998 QT<sub>36</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elizabeth Olson Ferreira (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her animal sciences project. She attends the Fort Richmond Collegiate, Winnipeg, Manitoba, Canada.

**(25038) Matebezdek = 1998 QK<sub>37</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mate Jozsef Bezdek (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his mathematical sciences project. He attends the Notre Dame High School, Calgary, Alberta, Canada.

**(25039) Chensun = 1998 QF<sub>38</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Chen Sun (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his microbiology project. He attends the A B Lucas Secondary School, London, Ontario, Canada.

**(25042) Qiujun = 1998 QN<sub>42</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Qiu Jun (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering project. He attends the Shenzhen Senior High School, Shenzhen, Guangdong, China.

**(25043) Fangxing = 1998 QQ<sub>42</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Fang Xing (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his materials and bioengineering project. He attends the Fujian Xiamen Shuangshi High School, Xiamen, Fujian, China.

**(25045) Baixuefei = 1998 QU<sub>43</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bai Xuefei (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her plant sciences project. She attends the No. 2 High School Attached to East China Normal University, Shanghai, China.

**(25046) Suyihan = 1998 QK<sub>44</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Su Yi-Han (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for her chemistry project. She also received the Intel Foundation Young Scientist Award. She attends the Taipei First Girls High School, Taipei, Taiwan, Chinese Taipei.

**(25047) Tsuitehsin = 1998 QN<sub>44</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tsui Te Hsin (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for her physics and astronomy project. She attends the National Hsinchu Girls' Senior High School, Hsinchu, Taiwan, Chinese Taipei.

**(25049) Christofnorn = 1998 QS<sub>45</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christoffer Norn (b.1987) was awarded first place in the 2008 Intel International Science and Engineering Fair for his energy and transportation project. He attends the Lyngby Technical High School, Kongens Lyngby, Denmark.

**(25050) Michmadsen = 1998 QN<sub>50</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Kaergaard Madsen (b.1988) was awarded second place in the 2008 Intel International Science and Engineering Fair for his environmental sciences team project. He attends the Vejle Technical High School, Vejle, Denmark.

**(25062) Rasmussen = 1998 QH<sub>71</sub>**

Discovered 1998 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jesper Lykke Rasmussen (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his environmental sciences team project. He attends the Vejle Technical High School, Vejle, Denmark.

**(25065) Lautakkin = 1998 QW<sub>85</sub>**

Discovered 1998 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lau Tak Kin (b.1993) was awarded second place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering team project. He attends the Maryknoll Fathers' School, Hong Kong.

**(25073) Lautakshing = 1998 QM<sub>94</sub>**

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lau Tak Shing (b.1993) was awarded second place in the 2008 Intel International Science and Engineering Fair for his electrical and mechanical engineering team project. He attends the Maryknoll Fathers' School, Hong Kong.

**(25074) Honami = 1998 QF<sub>96</sub>**

Discovered 1998 Aug. 19 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sakaguchi Honami (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her animal sciences project. She attends the Urawa Daiichi Jyoshi High School, Saitama, Japan.

**(25075) Kiyomoto = 1998 QK<sub>98</sub>**

Discovered 1998 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kiyomoto Daisuke (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his energy and transportation team project. He attends the Nara Prefectural Oji Technical High School, Nara, Japan.

**(25087) Kaztaniguchi = 1998 RK<sub>17</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Taniguchi Kazushige (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his energy and transportation team project. He attends the Nara Prefectural Oji Technical High School, Nara, Japan.

**(25088) Yoshimura = 1998 RR<sub>19</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yoshimura Fumiya (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his energy and transportation team project. He attends the Nara Prefectural Oji Technical High School, Nara, Japan.

**(25089) Sanabria-Rivera = 1998 RN<sub>25</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Betsaira Sanabria-Rivera (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Aurea E. Quiles Claudio High School, Guanica, Puerto Rico, U.S.A.

**(25091) Sanchez-Claudio = 1998 RH<sub>41</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alex Antonio Sanchez-Claudio (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his biochemistry team project. He attends the Aurea E. Quiles Claudio High School, Guanica, Puerto Rico, U.S.A.

**(25093) Andmikhaylov = 1998 RO<sub>45</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrey A. Mikhaylov (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his chemistry team project. He attends the Moscow Chemical Lyceum #1303, Moscow, Russia.

**(25094) Zemtsov = 1998 RF<sub>46</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Artem A. Zemtsov (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his chemistry team project. He attends the Moscow Chemical Lyceum #1303, Moscow, Russia.

**(25095) Churinov = 1998 RT<sub>46</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrey Anatolievich Churinov (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his computer science team project. He attends the Physical and Mathematical Lyceum #30, Saint Petersburg, Russia.

**(25098) Gridnev = 1998 RQ<sub>47</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maxim Gennadievich Gridnev (b.1990) was awarded first place in the 2008 Intel International Science and Engineering Fair for his computer science team project. He attends the Physical and Mathematical Lyceum #30, Saint Petersburg, Russia.

**(25099) Mashinskiy = 1998 RS<sub>47</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Leonid Andreevich Mashinskiy (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his computer science team project. He attends the Physical and Mathematical Lyceum #30, Saint Petersburg, Russia.

**(25100) Zhaiweichao = 1998 RY<sub>47</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zhai Weichao (b.1988) was awarded first place in the 2008 Intel International Science and Engineering Fair for her materials and bioengineering team project. She attends the NUS High School of Mathematics and Science, Singapore.

**(25102) Zhaoye = 1998 RW<sub>50</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zhao Ye (b.1989) was awarded first place in the 2008 Intel International Science and Engineering Fair for her materials and bioengineering team project. She attends the NUS High School of Mathematics and Science, Singapore.

**(25103) Kimdongyoung = 1998 RC<sub>51</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kim Dongyoung (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his computer science project. He also received the Seaborg SIYSS award. He attends the Korean Minjok Leadership Academy, Anheung, Gangwon, South Korea.

**(25104) Chohyunghoon = 1998 RY<sub>51</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Cho Hyunghoon (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for his microbiology team project. He attends the Korea Science Academy, Busan, South Korea.

**(25105) Kimnayeon = 1998 RJ<sub>52</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kim Na Yeon (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her microbiology team project. She attends the Korea Science Academy, Busan, South Korea.

**(25106) Ryoojungmin = 1998 RC<sub>53</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ryoo Jung Min (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for her microbiology team project. She attends the Korea Science Academy, Busan, South Korea.

**(25108) Boström = 1998 RV<sub>55</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Johan Ingemar Boström (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his animal sciences team project. He attends the Donnergymnasiet Gothenburg, Gothenburg, Sweden.

**(25109) Hofving = 1998 RR<sub>56</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tobias Olof Hofving (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for his animal sciences team project. He attends the Donnergymnasiet Gothenburg, Gothenburg, Sweden.

**(25111) Klokun = 1998 RG<sub>64</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vitaliy Mykhaylovych Klokun (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for his chemistry team project. He attends the Chemical Ecological Liceum, Dnipropetrovsk, Ukraine.

**(25112) Mymeshkovych = 1998 RL<sub>65</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maryna Yuriivna Meshkovych (b.1991) was awarded second place in the 2008 Intel International Science and Engineering Fair for her chemistry team project. She attends the Chemical Ecological Liceum, Dnipropetrovsk, Ukraine.

**(25113) Benwasserman = 1998 RS<sub>65</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin David Wasserman (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his behavioral and social sciences project. He attends the Roslyn High School, Roslyn Heights, New York, U.S.A.

**(25115) Drago = 1998 RP<sub>66</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Claire Elizabeth Drago (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Manhasset High School, Manhasset, New York, U.S.A.

**(25116) Jonathanwang = 1998 RW<sub>68</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jonathan Wang (b.1991) was awarded first place in the 2008 Intel International Science and Engineering Fair for his medicine and health sciences team project. He also received the EU Contest for Young Scientists Award. He attends the Oak Hall School, Gainesville, Florida, U.S.A.

**(25118) Kevlin = 1998 RM<sub>71</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kevin Huang Lin (b.1990) was awarded second place in the 2008 Intel International Science and Engineering Fair for his microbiology project. He attends the Falmouth High School, Falmouth, Massachusetts, U.S.A.

**(25119) Kakani = 1998 RA<sub>72</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pragya Kakani (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for her physics and astronomy team project. She attends the Jericho High School, Jericho, New York, U.S.A.

**(25120) Yvetteleung = 1998 RN<sub>73</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yvette Leung (b.1992) was awarded second place in the 2008 Intel International Science and Engineering Fair for her physics and astronomy team project. She attends the Jericho High School, Jericho, New York, U.S.A.

**(25122) Kaitlingus = 1998 RJ<sub>77</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kaitlyn Jeanne Lingus (b.1989) was awarded second place in the 2008 Intel International Science and Engineering Fair for her plant sciences project. She attends the Branson High School, Branson, Colorado, U.S.A.

**(25124) Zahraaarouf = 1998 RC<sub>78</sub>**

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zahra Moein Maarouf (b.1991) was awarded second place in the 2007 Intel International Science and Engineering Fair for her computer science team project. She attends the Iman High School, Saida, Lebanon.

**(136108) Haumea = 2003 EL<sub>61</sub>**

Discovered 2003 Mar. 7 at the Sierra Nevada Observatory.

Haumea is the goddess of childbirth and fertility in Hawaiian mythology. Her many children sprang from different parts of her body. She takes many different forms and has experienced many different rebirths. As the goddess of the earth, she represents the element of stone. The satellites (136108) Haumea I and II were discovered by M. E. Brown, A. H. Bouchez and the Keck Observatory Adaptive Optics teams. Haumea I, discovered 2005 Jan. 26, is named Hi'iaka, who was born from the mouth of Haumea and carried by her sister Pele in egg form from their distant home to Hawaii. Hi'iaka danced the first Hula on the shores of Puna and is the patron goddess of the island of Hawaii and of hula dancers. Haumea II, discovered 2005 Nov. 7, is named Namaka, for a water spirit in Hawaiian mythology. Namaka

was born from the body of Haumea and is the sister of Pele. When Pele sends her burning lava into the sea, Namaka cools the lava to become new land.

**EPHEMERIDES**

| C/2008 Q1 (Matičič) |    |                 |                 |          |       | Elements MPC 63821 |        |       |       |
|---------------------|----|-----------------|-----------------|----------|-------|--------------------|--------|-------|-------|
| Date                | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$         | $\phi$ | $m_1$ | $m_2$ |
| 2008 09 11          |    | 18 02.51        | +43 56.3        | 2.908    | 3.156 | 94.8               | 18.5   | 17.3  |       |
| 2008 09 21          |    | 17 46.92        | +40 29.3        | 2.988    | 3.124 | 88.3               | 18.7   | 17.3  |       |
| 2008 10 01          |    | 17 36.27        | +37 08.8        | 3.081    | 3.094 | 81.4               | 18.7   | 17.3  |       |
| 2008 10 11          |    | 17 29.50        | +34 03.6        | 3.180    | 3.067 | 74.5               | 18.3   | 17.4  |       |
| 2008 10 21          |    | 17 25.67        | +31 18.6        | 3.276    | 3.043 | 67.8               | 17.6   | 17.4  |       |
| 2008 10 31          |    | 17 24.06        | +28 55.6        | 3.366    | 3.022 | 61.6               | 16.8   | 17.4  |       |
| 2008 11 10          |    | 17 24.09        | +26 55.1        | 3.443    | 3.004 | 56.0               | 15.9   | 17.5  |       |
| 2008 11 20          |    | 17 25.28        | +25 16.9        | 3.503    | 2.989 | 51.4               | 15.0   | 17.5  |       |
| 2008 11 30          |    | 17 27.26        | +24 00.2        | 3.544    | 2.977 | 48.1               | 14.3   | 17.5  |       |
| 2008 12 10          |    | 17 29.67        | +23 04.5        | 3.563    | 2.969 | 46.3               | 13.9   | 17.5  |       |
| 2008 12 20          |    | 17 32.22        | +22 29.2        | 3.559    | 2.964 | 46.2               | 13.9   | 17.5  |       |
| 2008 12 30          |    | 17 34.61        | +22 14.0        | 3.531    | 2.963 | 47.9               | 14.3   | 17.5  |       |
| 2009 01 09          |    | 17 36.53        | +22 18.6        | 3.480    | 2.965 | 51.2               | 15.0   | 17.4  |       |
| 2009 01 19          |    | 17 37.65        | +22 43.0        | 3.406    | 2.970 | 56.0               | 15.9   | 17.4  |       |
| 2009 01 29          |    | 17 37.60        | +23 27.3        | 3.313    | 2.978 | 61.9               | 17.0   | 17.3  |       |
| 2009 02 08          |    | 17 35.94        | +24 31.5        | 3.203    | 2.990 | 68.8               | 17.9   | 17.3  |       |
| 2009 02 18          |    | 17 32.14        | +25 54.8        | 3.080    | 3.005 | 76.4               | 18.6   | 17.2  |       |
| 2009 02 28          |    | 17 25.59        | +27 36.2        | 2.951    | 3.024 | 84.6               | 19.0   | 17.2  |       |
| 2009 03 10          |    | 17 15.55        | +29 32.2        | 2.822    | 3.045 | 93.3               | 19.0   | 17.1  |       |
| 2009 03 20          |    | 17 01.28        | +31 36.3        | 2.702    | 3.069 | 102.1              | 18.5   | 17.0  |       |
| 2009 03 30          |    | 16 42.10        | +33 38.0        | 2.598    | 3.097 | 110.8              | 17.5   | 17.0  |       |
| 2009 04 09          |    | 16 17.82        | +35 21.3        | 2.522    | 3.127 | 118.6              | 16.3   | 17.0  |       |
| 2009 04 19          |    | 15 49.11        | +36 27.6        | 2.481    | 3.160 | 124.5              | 15.2   | 17.0  |       |
| 2009 04 29          |    | 15 17.79        | +36 40.6        | 2.481    | 3.195 | 127.4              | 14.5   | 17.0  |       |
| 2009 05 09          |    | 14 46.58        | +35 53.5        | 2.528    | 3.233 | 126.7              | 14.5   | 17.1  |       |
| 2009 05 19          |    | 14 18.12        | +34 12.5        | 2.618    | 3.274 | 122.4              | 15.1   | 17.2  |       |
| 2009 05 29          |    | 13 54.10        | +31 52.3        | 2.748    | 3.316 | 115.7              | 16.0   | 17.4  |       |
| 2009 06 08          |    | 13 35.09        | +29 10.3        | 2.911    | 3.361 | 107.6              | 16.7   | 17.6  |       |
| 2009 06 18          |    | 13 20.80        | +26 20.4        | 3.099    | 3.407 | 98.9               | 17.1   | 17.8  |       |
| 2009 06 28          |    | 13 10.57        | +23 31.8        | 3.304    | 3.456 | 90.0               | 17.1   | 18.0  |       |
| 2009 07 08          |    | 13 03.69        | +20 50.0        | 3.517    | 3.506 | 81.1               | 16.6   | 18.2  |       |
| 2009 07 18          |    | 12 59.47        | +18 17.2        | 3.733    | 3.558 | 72.3               | 15.8   | 18.4  |       |
| 2009 07 28          |    | 12 57.36        | +15 53.9        | 3.946    | 3.612 | 63.7               | 14.6   | 18.6  |       |
| 2009 08 07          |    | 12 56.88        | +13 40.2        | 4.150    | 3.667 | 55.2               | 13.1   | 18.7  |       |
| 2009 08 17          |    | 12 57.68        | +11 35.2        | 4.342    | 3.723 | 46.8               | 11.4   | 18.9  |       |
| 2009 08 27          |    | 12 59.45        | +09 38.2        | 4.517    | 3.780 | 38.6               | 9.6    | 19.0  |       |
| 2009 09 06          |    | 13 01.95        | +07 48.5        | 4.673    | 3.839 | 30.6               | 7.7    | 19.2  |       |

| C/2008 R3 (LINEAR) |    |                 |                 |          |       | Elements MPC 63822 |        |       |       |
|--------------------|----|-----------------|-----------------|----------|-------|--------------------|--------|-------|-------|
| Date               | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$         | $\phi$ | $m_1$ | $m_2$ |
| 2008 09 11         |    | 18 26.93        | +19 29.2        | 1.608    | 2.102 | 104.7              | 27.6   | 17.3  |       |
| 2008 09 21         |    | 18 30.58        | +20 09.0        | 1.646    | 2.050 | 98.4               | 29.0   | 17.2  |       |
| 2008 10 01         |    | 18 37.81        | +20 42.6        | 1.683    | 2.004 | 93.0               | 29.9   | 17.1  |       |
| 2008 10 11         |    | 18 48.47        | +21 15.2        | 1.718    | 1.964 | 88.5               | 30.5   | 17.1  |       |
| 2008 10 21         |    | 19 02.39        | +21 50.4        | 1.750    | 1.931 | 84.6               | 30.9   | 17.1  |       |
| 2008 10 31         |    | 19 19.42        | +22 30.6        | 1.780    | 1.906 | 81.5               | 31.0   | 17.1  |       |
| 2008 11 10         |    | 19 39.40        | +23 17.7        | 1.809    | 1.889 | 79.0               | 31.0   | 17.0  |       |

2008 SEPT. 17

M.P.C. 63879

|            |          |          |       |       |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|
| 2008 11 20 | 20 02.15 | +24 12.0 | 1.838 | 1.880 | 76.9 | 30.8 | 17.1 |
| 2008 11 30 | 20 27.48 | +25 12.8 | 1.871 | 1.879 | 75.2 | 30.5 | 17.1 |
| 2008 12 10 | 20 55.12 | +26 18.7 | 1.910 | 1.887 | 73.6 | 30.1 | 17.2 |
| 2008 12 20 | 21 24.70 | +27 27.2 | 1.958 | 1.902 | 72.1 | 29.5 | 17.3 |

**205P/Giacobini**

Elements MPC 63822

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 20 39.88 | -01 28.2        | 0.609           | 1.526    | 140.5 | 24.8       | 13.8   |       |       |
| 2008 09 21 | 20 54.81 | -05 24.2        | 0.645           | 1.531    | 135.1 | 27.6       | 13.9   |       |       |
| 2008 10 01 | 21 12.90 | -08 43.1        | 0.697           | 1.542    | 129.5 | 30.0       | 14.1   |       |       |
| 2008 10 11 | 21 33.38 | -11 12.7        | 0.764           | 1.560    | 124.0 | 32.0       | 14.3   |       |       |
| 2008 10 21 | 21 55.37 | -12 50.0        | 0.845           | 1.585    | 118.7 | 33.4       | 14.6   |       |       |
| 2008 10 31 | 22 18.09 | -13 38.3        | 0.938           | 1.616    | 113.6 | 34.3       | 14.9   |       |       |
| 2008 11 10 | 22 41.02 | -13 43.8        | 1.042           | 1.652    | 108.7 | 34.6       | 15.3   |       |       |
| 2008 11 20 | 23 03.72 | -13 14.5        | 1.158           | 1.693    | 103.9 | 34.5       | 15.6   |       |       |
| 2008 11 30 | 23 25.98 | -12 17.9        | 1.282           | 1.738    | 99.2  | 34.1       | 15.9   |       |       |
| 2008 12 10 | 23 47.72 | -11 00.7        | 1.416           | 1.787    | 94.5  | 33.3       | 16.3   |       |       |
| 2008 12 20 | 00 08.88 | -09 29.0        | 1.556           | 1.840    | 89.9  | 32.3       | 16.6   |       |       |
| 2008 12 30 | 00 29.52 | -07 47.5        | 1.704           | 1.894    | 85.2  | 31.1       | 16.9   |       |       |
| 2009 01 09 | 00 49.70 | -06 00.3        | 1.856           | 1.951    | 80.5  | 29.8       | 17.2   |       |       |
| 2009 01 19 | 01 09.45 | -04 10.6        | 2.012           | 2.010    | 75.7  | 28.3       | 17.6   |       |       |
| 2009 01 29 | 01 28.84 | -02 21.1        | 2.171           | 2.070    | 70.9  | 26.7       | 17.8   |       |       |
| 2009 02 08 | 01 47.94 | -00 33.7        | 2.332           | 2.132    | 66.1  | 25.0       | 18.1   |       |       |
| 2009 02 18 | 02 06.77 | +01 09.6        | 2.492           | 2.194    | 61.2  | 23.3       | 18.4   |       |       |
| 2009 02 28 | 02 25.38 | +02 47.7        | 2.651           | 2.256    | 56.3  | 21.4       | 18.7   |       |       |
| 2009 03 10 | 02 43.79 | +04 19.3        | 2.806           | 2.319    | 51.3  | 19.5       | 18.9   |       |       |
| 2009 03 20 | 03 02.00 | +05 43.8        | 2.958           | 2.383    | 46.4  | 17.6       | 19.1   |       |       |
| 2009 03 30 | 03 20.02 | +07 00.4        | 3.104           | 2.446    | 41.4  | 15.7       | 19.3   |       |       |
| 2009 04 09 | 03 37.85 | +08 08.6        | 3.243           | 2.509    | 36.4  | 13.7       | 19.5   |       |       |
| 2009 04 19 | 03 55.46 | +09 08.1        | 3.374           | 2.572    | 31.5  | 11.8       | 19.7   |       |       |

**C/2008 R1 (Garradd)**

Elements MPC 63821

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 21 37.96 | -46 05.4        | 1.033           | 1.871    | 133.1 | 23.1       | 18.3   |       |       |
| 2008 09 21 | 21 37.35 | -43 16.5        | 1.026           | 1.822    | 127.7 | 25.9       | 18.2   |       |       |
| 2008 10 01 | 21 40.70 | -39 41.9        | 1.032           | 1.781    | 122.2 | 28.4       | 18.1   |       |       |
| 2008 10 11 | 21 48.01 | -35 30.4        | 1.051           | 1.747    | 117.0 | 30.6       | 18.0   |       |       |
| 2008 10 21 | 21 58.73 | -30 51.9        | 1.083           | 1.724    | 112.0 | 32.4       | 18.0   |       |       |
| 2008 10 31 | 22 12.20 | -25 55.7        | 1.127           | 1.710    | 107.3 | 33.7       | 18.1   |       |       |
| 2008 11 10 | 22 27.83 | -20 50.3        | 1.185           | 1.706    | 102.9 | 34.5       | 18.2   |       |       |
| 2008 11 20 | 22 45.02 | -15 44.0        | 1.255           | 1.712    | 98.8  | 34.8       | 18.3   |       |       |
| 2008 11 30 | 23 03.34 | -10 43.1        | 1.339           | 1.728    | 94.8  | 34.7       | 18.5   |       |       |
| 2008 12 10 | 23 22.50 | -05 52.8        | 1.436           | 1.754    | 90.9  | 34.2       | 18.7   |       |       |
| 2008 12 20 | 23 42.23 | -01 17.0        | 1.545           | 1.788    | 87.1  | 33.3       | 19.0   |       |       |

**C/2008 Q3 (Garradd)**

Elements MPC 63821

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 23 57.90 | -52 51.6        | 3.051           | 3.788    | 131.0 | 11.6       | 18.2   |       |       |
| 2008 09 21 | 23 30.10 | -55 13.9        | 3.026           | 3.697    | 125.2 | 12.8       | 18.1   |       |       |
| 2008 10 01 | 22 59.72 | -56 44.4        | 3.036           | 3.607    | 117.3 | 14.3       | 18.0   |       |       |
| 2008 10 11 | 22 29.67 | -57 20.1        | 3.075           | 3.517    | 108.2 | 15.6       | 17.9   |       |       |
| 2008 10 21 | 22 02.71 | -57 08.0        | 3.134           | 3.427    | 98.5  | 16.7       | 17.8   |       |       |
| 2008 10 31 | 21 40.58 | -56 20.8        | 3.207           | 3.337    | 88.7  | 17.3       | 17.8   |       |       |
| 2008 11 10 | 21 23.79 | -55 12.0        | 3.285           | 3.247    | 79.1  | 17.4       | 17.7   |       |       |

|            |          |          |       |       |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|
| 2008 11 20 | 21 11.94 | -53 52.9 | 3.360 | 3.157 | 69.7 | 17.1 | 17.6 |
| 2008 11 30 | 21 04.29 | -52 31.1 | 3.426 | 3.068 | 60.8 | 16.3 | 17.5 |
| 2008 12 10 | 21 00.04 | -51 11.8 | 3.477 | 2.980 | 52.4 | 15.2 | 17.4 |
| 2008 12 20 | 20 58.42 | -49 58.1 | 3.508 | 2.892 | 44.7 | 13.8 | 17.3 |
| 2008 12 30 | 20 58.83 | -48 51.6 | 3.515 | 2.805 | 37.9 | 12.4 | 17.2 |
| 2009 01 09 | 21 00.75 | -47 53.6 | 3.496 | 2.719 | 32.6 | 11.2 | 17.1 |

**203P/Korlević**

Elements MPC 63822

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 00 06.00 | +04 38.3        | 3.102           | 4.082    | 164.9 | 3.7        |        |       | 20.4  |
| 2008 09 21 | 00 00.30 | +04 05.4        | 3.054           | 4.055    | 174.9 | 1.3        |        |       | 20.1  |
| 2008 10 01 | 23 54.43 | +03 28.8        | 3.037           | 4.029    | 171.2 | 2.2        |        |       | 20.2  |
| 2008 10 11 | 23 48.89 | +02 51.9        | 3.049           | 4.003    | 160.3 | 4.8        |        |       | 20.3  |
| 2008 10 21 | 23 44.16 | +02 18.0        | 3.089           | 3.977    | 149.2 | 7.4        |        |       | 20.5  |
| 2008 10 31 | 23 40.62 | +01 50.0        | 3.154           | 3.951    | 138.3 | 9.6        |        |       | 20.6  |
| 2008 11 10 | 23 38.57 | +01 30.2        | 3.240           | 3.925    | 127.8 | 11.5       |        |       | 20.7  |
| 2008 11 20 | 23 38.13 | +01 20.0        | 3.342           | 3.899    | 117.5 | 13.0       |        |       | 20.8  |
| 2008 11 30 | 23 39.35 | +01 20.1        | 3.457           | 3.873    | 107.7 | 14.0       |        |       | 20.9  |
| 2008 12 10 | 23 42.17 | +01 30.6        | 3.580           | 3.848    | 98.3  | 14.7       |        |       | 21.0  |
| 2008 12 20 | 23 46.49 | +01 51.0        | 3.706           | 3.823    | 89.3  | 14.9       |        |       | 21.1  |
| 2008 12 30 | 23 52.17 | +02 20.7        | 3.832           | 3.797    | 80.6  | 14.8       |        |       | 21.1  |
| 2009 01 09 | 23 59.08 | +02 59.0        | 3.954           | 3.772    | 72.3  | 14.4       |        |       | 21.2  |
| 2009 01 19 | 00 07.05 | +03 44.7        | 4.069           | 3.748    | 64.2  | 13.7       |        |       | 21.2  |
| 2009 01 29 | 00 15.96 | +04 37.0        | 4.176           | 3.723    | 56.4  | 12.7       |        |       | 21.2  |
| 2009 02 08 | 00 25.69 | +05 34.9        | 4.272           | 3.699    | 48.9  | 11.6       |        |       | 21.2  |
| 2009 02 18 | 00 36.12 | +06 37.5        | 4.355           | 3.675    | 41.6  | 10.3       |        |       | 21.2  |
| 2009 02 28 | 00 47.17 | +07 43.7        | 4.424           | 3.652    | 34.5  | 8.8        |        |       | 21.1  |

**P/2008 Q2 (Ory)**

Elements MPC 63821

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 01 58.69 | +05 13.8        | 0.526           | 1.444    | 138.6 | 27.4       | 16.7   |       |       |
| 2008 09 21 | 02 14.12 | +06 38.8        | 0.475           | 1.417    | 144.2 | 24.5       | 16.4   |       |       |
| 2008 10 01 | 02 27.06 | +08 03.6        | 0.436           | 1.397    | 150.4 | 20.7       | 16.1   |       |       |
| 2008 10 11 | 02 36.98 | +09 30.2        | 0.409           | 1.385    | 157.4 | 16.1       | 16.0   |       |       |
| 2008 10 21 | 02 43.85 | +10 59.8        | 0.397           | 1.383    | 165.2 | 10.6       | 15.9   |       |       |
| 2008 10 31 | 02 48.12 | +12 31.6        | 0.398           | 1.389    | 173.4 | 4.7        | 15.9   |       |       |
| 2008 11 10 | 02 51.07 | +14 04.1        | 0.414           | 1.404    | 176.0 | 2.8        | 16.1   |       |       |
| 2008 11 20 | 02 54.24 | +15 34.8        | 0.446           | 1.427    | 167.8 | 8.4        | 16.3   |       |       |
| 2008 11 30 | 02 58.83 | +17 01.4        | 0.493           | 1.457    | 159.2 | 13.9       | 16.6   |       |       |
| 2008 12 10 | 03 05.72 | +18 23.5        | 0.556           | 1.495    | 151.0 | 18.6       | 17.0   |       |       |
| 2008 12 20 | 03 15.11 | +19 40.2        | 0.633           | 1.539    | 143.3 | 22.5       | 17.4   |       |       |
| 2008 12 30 | 03 26.82 | +20 51.3        | 0.726           | 1.587    | 136.0 | 25.5       | 17.8   |       |       |
| 2009 01 09 | 03 40.61 | +21 56.5        | 0.831           | 1.641    | 129.2 | 27.7       | 18.2   |       |       |
| 2009 01 19 | 03 56.05 | +22 55.0        | 0.950           | 1.697    | 122.7 | 29.2       | 18.7   |       |       |
| 2009 01 29 | 04 12.80 | +23 46.3        | 1.080           | 1.757    | 116.5 | 30.1       | 19.1   |       |       |
| 2009 02 08 | 04 30.58 | +24 29.7        | 1.222           | 1.819    | 110.5 | 30.5       | 19.5   |       |       |
| 2009 02 18 | 04 49.08 | +25 04.6        | 1.372           | 1.883    | 104.6 | 30.5       | 19.9   |       |       |
| 2009 02 28 | 05 08.09 | +25 30.6        | 1.531           | 1.948    | 98.9  | 30.2       | 20.3   |       |       |

**202P/Scotti**

Elements MPC 63822

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 | 04 40.69 | +20 45.1        | 2.371           | 2.687    | 97.0  | 21.8       | 19.7   |       |       |
| 2008 09 21 | 04 49.44 | +20 50.5        | 2.229           | 2.667    | 104.7 | 21.4       | 19.5   |       |       |
| 2008 10 01 | 04 56.25 | +20 50.2        | 2.093           | 2.649    | 112.9 | 20.4       | 19.3   |       |       |

## M.P.C. 63880

2008 SEPT. 17

|            |          |          |       |       |       |      |      |
|------------|----------|----------|-------|-------|-------|------|------|
| 2008 10 11 | 05 00.76 | +20 44.7 | 1.965 | 2.631 | 121.7 | 18.8 | 19.2 |
| 2008 10 21 | 05 02.74 | +20 34.6 | 1.850 | 2.615 | 131.2 | 16.6 | 19.0 |
| 2008 10 31 | 05 01.99 | +20 20.6 | 1.750 | 2.600 | 141.3 | 13.8 | 18.9 |
| 2008 11 10 | 04 58.58 | +20 03.2 | 1.669 | 2.586 | 152.1 | 10.3 | 18.7 |
| 2008 11 20 | 04 52.91 | +19 43.3 | 1.611 | 2.574 | 163.5 | 6.3  | 18.6 |
| 2008 11 30 | 04 45.67 | +19 22.2 | 1.579 | 2.563 | 174.7 | 2.1  | 18.6 |
| 2008 12 10 | 04 37.94 | +19 02.1 | 1.575 | 2.553 | 171.9 | 3.1  | 18.6 |
| 2008 12 20 | 04 30.86 | +18 45.4 | 1.597 | 2.545 | 160.3 | 7.5  | 18.6 |
| 2008 12 30 | 04 25.44 | +18 34.6 | 1.645 | 2.539 | 149.0 | 11.5 | 18.6 |
| 2009 01 09 | 04 22.44 | +18 31.6 | 1.715 | 2.533 | 138.1 | 15.0 | 18.7 |
| 2009 01 19 | 04 22.21 | +18 36.9 | 1.803 | 2.530 | 127.9 | 17.9 | 18.8 |
| 2009 01 29 | 04 24.81 | +18 49.8 | 1.906 | 2.528 | 118.4 | 20.0 | 18.9 |
| 2009 02 08 | 04 30.12 | +19 09.1 | 2.020 | 2.527 | 109.6 | 21.6 | 19.1 |
| 2009 02 18 | 04 37.87 | +19 32.6 | 2.141 | 2.528 | 101.3 | 22.5 | 19.2 |
| 2009 02 28 | 04 47.78 | +19 58.2 | 2.266 | 2.530 | 93.6  | 23.0 | 19.3 |
| 2009 03 10 | 04 59.56 | +20 23.9 | 2.394 | 2.534 | 86.4  | 23.0 | 19.4 |
| 2009 03 20 | 05 12.90 | +20 47.6 | 2.523 | 2.540 | 79.6  | 22.7 | 19.6 |
| 2009 03 30 | 05 27.56 | +21 07.6 | 2.650 | 2.547 | 73.1  | 22.0 | 19.7 |
| 2009 04 09 | 05 43.31 | +21 22.4 | 2.775 | 2.555 | 67.0  | 21.1 | 19.8 |
| 2009 04 19 | 05 59.92 | +21 30.8 | 2.896 | 2.565 | 61.1  | 20.0 | 19.9 |
| 2009 04 29 | 06 17.22 | +21 31.8 | 3.012 | 2.576 | 55.3  | 18.8 | 20.0 |
| 2009 05 09 | 06 35.02 | +21 24.8 | 3.123 | 2.589 | 49.8  | 17.3 | 20.1 |
| 2009 05 19 | 06 53.17 | +21 09.4 | 3.228 | 2.603 | 44.4  | 15.8 | 20.2 |
| 2009 05 29 | 07 11.53 | +20 45.4 | 3.326 | 2.618 | 39.1  | 14.1 | 20.3 |
| 2009 06 08 | 07 29.98 | +20 12.9 | 3.416 | 2.634 | 33.9  | 12.4 | 20.4 |

## 204P/LINEAR-NEAT

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 |    | 06 18.96        | +18 59.5        | 2.116    | 2.079 | 74.1       | 27.8   | 18.8  |       |
| 2008 09 21 |    | 06 39.45        | +18 53.1        | 1.991    | 2.051 | 78.9       | 28.7   | 18.6  |       |
| 2008 10 01 |    | 06 59.33        | +18 39.6        | 1.869    | 2.026 | 84.0       | 29.4   | 18.4  |       |
| 2008 10 11 |    | 07 18.33        | +18 21.0        | 1.749    | 2.003 | 89.3       | 29.9   | 18.2  |       |
| 2008 10 21 |    | 07 36.22        | +17 59.8        | 1.632    | 1.984 | 95.0       | 30.0   | 18.0  |       |
| 2008 10 31 |    | 07 52.65        | +17 39.1        | 1.520    | 1.968 | 101.0      | 29.7   | 17.9  |       |
| 2008 11 10 |    | 08 07.28        | +17 22.6        | 1.414    | 1.956 | 107.6      | 28.9   | 17.7  |       |
| 2008 11 20 |    | 08 19.73        | +17 14.5        | 1.315    | 1.947 | 114.7      | 27.5   | 17.5  |       |
| 2008 11 30 |    | 08 29.55        | +17 19.0        | 1.224    | 1.942 | 122.6      | 25.3   | 17.3  |       |
| 2008 12 10 |    | 08 36.35        | +17 40.2        | 1.144    | 1.940 | 131.2      | 22.4   | 17.2  |       |
| 2008 12 20 |    | 08 39.83        | +18 20.2        | 1.078    | 1.942 | 140.8      | 18.7   | 17.0  |       |
| 2008 12 30 |    | 08 39.90        | +19 19.0        | 1.028    | 1.948 | 151.2      | 14.1   | 17.0  |       |
| 2009 01 09 |    | 08 36.92        | +20 32.6        | 0.998    | 1.958 | 162.3      | 8.8    | 16.9  |       |
| 2009 01 19 |    | 08 31.79        | +21 52.7        | 0.990    | 1.971 | 173.4      | 3.3    | 16.9  |       |
| 2009 01 29 |    | 08 25.84        | +23 09.4        | 1.006    | 1.987 | 173.0      | 3.5    | 17.0  |       |
| 2009 02 08 |    | 08 20.65        | +24 13.5        | 1.045    | 2.006 | 162.0      | 8.7    | 17.1  |       |
| 2009 02 18 |    | 08 17.55        | +24 59.5        | 1.107    | 2.029 | 151.2      | 13.6   | 17.3  |       |
| 2009 02 28 |    | 08 17.31        | +25 25.6        | 1.188    | 2.055 | 141.0      | 17.6   | 17.5  |       |
| 2009 03 10 |    | 08 20.25        | +25 32.6        | 1.286    | 2.083 | 131.7      | 20.8   | 17.7  |       |
| 2009 03 20 |    | 08 26.16        | +25 22.4        | 1.398    | 2.114 | 123.2      | 23.2   | 18.0  |       |
| 2009 03 30 |    | 08 34.65        | +24 57.3        | 1.522    | 2.147 | 115.3      | 24.9   | 18.2  |       |
| 2009 04 09 |    | 08 45.28        | +24 18.9        | 1.655    | 2.183 | 108.0      | 25.9   | 18.5  |       |
| 2009 04 19 |    | 08 57.54        | +23 28.9        | 1.795    | 2.220 | 101.2      | 26.4   | 18.7  |       |
| 2009 04 29 |    | 09 11.03        | +22 28.8        | 1.940    | 2.259 | 94.7       | 26.4   | 19.0  |       |
| 2009 05 09 |    | 09 25.41        | +21 19.7        | 2.090    | 2.299 | 88.6       | 26.0   | 19.2  |       |

|            |          |          |       |       |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|
| 2009 05 19 | 09 40.38 | +20 02.9 | 2.243 | 2.341 | 82.8 | 25.4 | 19.4 |
| 2009 05 29 | 09 55.75 | +18 39.4 | 2.397 | 2.384 | 77.1 | 24.5 | 19.7 |
| 2009 06 08 | 10 11.34 | +17 10.3 | 2.551 | 2.428 | 71.5 | 23.4 | 19.9 |
| 2009 06 18 | 10 27.03 | +15 36.7 | 2.704 | 2.473 | 66.1 | 22.1 | 20.1 |
| 2009 06 28 | 10 42.74 | +13 59.5 | 2.854 | 2.519 | 60.7 | 20.6 | 20.3 |
| 2009 07 08 | 10 58.42 | +12 19.6 | 3.002 | 2.565 | 55.4 | 19.0 | 20.5 |
| 2009 07 18 | 11 14.00 | +10 38.0 | 3.145 | 2.612 | 50.1 | 17.4 | 20.7 |
| 2009 07 28 | 11 29.49 | +08 55.3 | 3.282 | 2.659 | 44.8 | 15.6 | 20.8 |
| 2009 08 07 | 11 44.86 | +07 12.4 | 3.412 | 2.706 | 39.4 | 13.8 | 21.0 |
| 2009 08 17 | 12 00.09 | +05 30.1 | 3.534 | 2.754 | 34.1 | 11.9 | 21.1 |

## 201P/LONEOS

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 09 11 |    | 08 16.58        | +24 07.0        | 1.876    | 1.412 | 47.7       | 31.9   | 16.9  |       |
| 2008 09 21 |    | 08 48.22        | +22 46.7        | 1.872    | 1.450 | 50.1       | 32.1   | 17.0  |       |
| 2008 10 01 |    | 09 17.49        | +21 13.5        | 1.867    | 1.495 | 53.0       | 32.3   | 17.1  |       |
| 2008 10 11 |    | 09 44.31        | +19 33.4        | 1.858    | 1.547 | 56.3       | 32.5   | 17.2  |       |
| 2008 10 21 |    | 10 08.71        | +17 51.6        | 1.845    | 1.603 | 60.2       | 32.6   | 17.4  |       |
| 2008 10 31 |    | 10 30.74        | +16 12.8        | 1.826    | 1.663 | 64.6       | 32.6   | 17.5  |       |
| 2008 11 10 |    | 10 50.38        | +14 40.8        | 1.801    | 1.727 | 69.6       | 32.5   | 17.6  |       |
| 2008 11 20 |    | 11 07.63        | +13 19.1        | 1.769    | 1.793 | 75.3       | 32.2   | 17.8  |       |
| 2008 11 30 |    | 11 22.40        | +12 10.4        | 1.730    | 1.861 | 81.5       | 31.6   | 17.9  |       |
| 2008 12 10 |    | 11 34.54        | +11 17.5        | 1.686    | 1.930 | 88.5       | 30.7   | 18.0  |       |
| 2008 12 20 |    | 11 43.86        | +10 42.2        | 1.638    | 2.001 | 96.3       | 29.3   | 18.1  |       |
| 2008 12 30 |    | 11 50.11        | +10 26.3        | 1.590    | 2.072 | 104.8      | 27.3   | 18.2  |       |
| 2009 01 09 |    | 11 53.03        | +10 30.6        | 1.543    | 2.143 | 114.2      | 24.7   | 18.3  |       |
| 2009 01 19 |    | 11 52.46        | +10 54.4        | 1.504    | 2.215 | 124.5      | 21.5   | 18.3  |       |
| 2009 01 29 |    | 11 48.38        | +11 35.1        | 1.476    | 2.286 | 135.6      | 17.6   | 18.4  |       |
| 2009 02 08 |    | 11 41.13        | +12 27.5        | 1.466    | 2.357 | 147.3      | 13.1   | 18.6  |       |
| 2009 02 18 |    | 11 31.46        | +13 23.9        | 1.479    | 2.428 | 159.0      | 8.4    | 18.7  |       |
| 2009 02 28 |    | 11 20.47        | +14 16.1        | 1.518    | 2.498 | 169.1      | 4.3    | 18.9  |       |
| 2009 03 10 |    | 11 09.48        | +14 56.4        | 1.586    | 2.567 | 168.9      | 4.3    | 19.1  |       |
| 2009 03 20 |    | 10 59.72        | +15 20.4        | 1.681    | 2.636 | 159.2      | 7.7    | 19.3  |       |
| 2009 03 30 |    | 10 52.04        | +15 26.9        | 1.803    | 2.704 | 148.3      | 11.2   | 19.6  |       |
| 2009 04 09 |    | 10 46.89        | +15 16.7        | 1.947    | 2.771 | 137.7      | 14.1   | 19.9  |       |
| 2009 04 19 |    | 10 44.33        | +14 52.5        | 2.110    | 2.838 | 127.7      | 16.3   | 20.2  |       |
| 2009 04 29 |    | 10 44.20        | +14 16.6        | 2.287    | 2.903 | 118.3      | 17.8   | 20.4  |       |
| 2009 05 09 |    | 10 46.20        | +13 31.3        | 2.476    | 2.968 | 109.4      | 18.7   | 20.7  |       |
| 2009 05 19 |    | 10 50.01        | +12 38.7        | 2.671    | 3.031 | 101.0      | 19.1   | 20.9  |       |
| 2009 05 29 |    | 10 55.31        | +11 40.0        | 2.871    | 3.094 | 93.0       | 19.1   | 21.2  |       |
| 2009 06 08 |    | 11 01.82        | +10 36.6        | 3.073    | 3.156 | 85.3       | 18.7   | 21.4  |       |
| 2009 06 18 |    | 11 09.31        | +09 29.5        | 3.273    | 3.217 | 77.9       | 18.0   | 21.6  |       |
| 2009 06 28 |    | 11 17.57        | +08 19.2        | 3.469    | 3.277 | 70.7       | 17.0   | 21.9  |       |
| 2009 07 08 |    | 11 26.45        | +07 06.6        | 3.660    | 3.336 | 63.7       | 15.9   | 22.0  |       |
| 2009 07 18 |    | 11 35.81        | +05 52.2        | 3.843    | 3.394 | 56.8       | 14.5   | 22.2  |       |
| 2009 07 28 |    | 11 45.54        | +04 36.5        | 4.016    | 3.451 | 50.0       | 13.0   | 22.4  |       |

## P/2007 C2 (Catalina)

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 11 |    | 10 41.53        | +01 31.9        | 5.202    | 4.446 | 37.1       | 7.8    | 20.1  |       |
| 2008 10 21 |    | 10 50.03        | +00 26.0        | 5.130    | 4.475 | 44.5       | 9.0    | 20.1  |       |
| 2008 10 31 |    | 10 57.89        | -00 38.2        | 5.044    | 4.504 | 52.2       | 10.0   | 20.1  |       |
| 2008 11 10 |    | 11 05.01        | -01 39.8        | 4.946    | 4.534 | 60.1       | 10.9   | 20.0  |       |

## Elements MPC 60922

2008 SEPT. 17

M.P.C. 63881

|            |          |          |       |       |       |      |      |
|------------|----------|----------|-------|-------|-------|------|------|
| 2008 11 20 | 11 11.28 | −02 38.0 | 4.837 | 4.564 | 68.3  | 11.6 | 20.0 |
| 2008 11 30 | 11 16.60 | −03 32.0 | 4.719 | 4.594 | 76.7  | 12.1 | 20.0 |
| 2008 12 10 | 11 20.84 | −04 20.6 | 4.597 | 4.625 | 85.5  | 12.3 | 20.0 |
| 2008 12 20 | 11 23.90 | −05 03.0 | 4.472 | 4.655 | 94.6  | 12.2 | 19.9 |
| 2008 12 30 | 11 25.68 | −05 38.1 | 4.350 | 4.687 | 104.0 | 11.7 | 19.9 |
| 2009 01 09 | 11 26.12 | −06 04.7 | 4.235 | 4.718 | 113.8 | 11.0 | 19.9 |
| 2009 01 19 | 11 25.22 | −06 22.3 | 4.131 | 4.749 | 123.8 | 9.9  | 19.8 |
| 2009 01 29 | 11 23.03 | −06 30.0 | 4.042 | 4.781 | 134.2 | 8.5  | 19.8 |
| 2009 02 08 | 11 19.70 | −06 27.8 | 3.974 | 4.813 | 144.7 | 6.8  | 19.8 |
| 2009 02 18 | 11 15.48 | −06 16.1 | 3.931 | 4.845 | 155.0 | 4.9  | 19.8 |
| 2009 02 28 | 11 10.67 | −05 56.1 | 3.916 | 4.878 | 164.5 | 3.1  | 19.8 |
| 2009 03 10 | 11 05.67 | −05 29.6 | 3.930 | 4.910 | 169.6 | 2.1  | 19.9 |
| 2009 03 20 | 11 00.87 | −04 59.1 | 3.975 | 4.943 | 164.9 | 3.0  | 19.9 |
| 2009 03 30 | 10 56.63 | −04 27.2 | 4.048 | 4.975 | 155.7 | 4.7  | 20.0 |
| 2009 04 09 | 10 53.24 | −03 56.3 | 4.150 | 5.008 | 145.6 | 6.5  | 20.1 |
| 2009 04 19 | 10 50.91 | −03 28.8 | 4.275 | 5.041 | 135.6 | 8.0  | 20.2 |
| 2009 04 29 | 10 49.75 | −03 06.3 | 4.420 | 5.075 | 125.7 | 9.3  | 20.3 |
| 2009 05 09 | 10 49.81 | −02 50.1 | 4.582 | 5.108 | 116.1 | 10.2 | 20.4 |
| 2009 05 19 | 10 51.05 | −02 40.7 | 4.755 | 5.141 | 106.9 | 10.9 | 20.5 |

## 65P/Gunn

## Elements MPC 59598

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 11 | 11 12.98 | +14 19.1        | 4.393           | 3.624    | 35.3  | 9.1        | 16.6   | 20.6  |       |
| 2008 10 21 | 11 24.46 | +13 19.1        | 4.273           | 3.595    | 42.0  | 10.7       | 16.5   | 20.6  |       |
| 2008 10 31 | 11 35.63 | +12 22.2        | 4.139           | 3.566    | 48.9  | 12.1       | 16.4   | 20.6  |       |
| 2008 11 10 | 11 46.39 | +11 29.6        | 3.993           | 3.537    | 56.1  | 13.4       | 16.2   | 20.5  |       |
| 2008 11 20 | 11 56.64 | +10 42.3        | 3.837           | 3.507    | 63.4  | 14.6       | 16.1   | 20.5  |       |
| 2008 11 30 | 12 06.26 | +10 01.5        | 3.673           | 3.478    | 70.9  | 15.5       | 15.9   | 20.4  |       |
| 2008 12 10 | 12 15.10 | +09 28.5        | 3.503           | 3.448    | 78.7  | 16.3       | 15.8   | 20.3  |       |
| 2008 12 20 | 12 23.00 | +09 04.2        | 3.329           | 3.418    | 86.8  | 16.7       | 15.6   | 20.2  |       |
| 2008 12 30 | 12 29.77 | +08 50.1        | 3.155           | 3.388    | 95.1  | 16.8       | 15.4   | 20.0  |       |
| 2009 01 09 | 12 35.18 | +08 47.2        | 2.983           | 3.357    | 103.9 | 16.5       | 15.3   | 19.9  |       |
| 2009 01 19 | 12 39.02 | +08 56.1        | 2.817           | 3.327    | 113.0 | 15.8       | 15.1   | 19.7  |       |
| 2009 01 29 | 12 41.07 | +09 17.2        | 2.661           | 3.296    | 122.5 | 14.6       | 14.9   | 19.5  |       |
| 2009 02 08 | 12 41.14 | +09 49.9        | 2.519           | 3.266    | 132.3 | 12.9       | 14.7   | 19.3  |       |
| 2009 02 18 | 12 39.15 | +10 32.3        | 2.395           | 3.235    | 142.4 | 10.7       | 14.5   | 19.1  |       |
| 2009 02 28 | 12 35.12 | +11 21.5        | 2.293           | 3.204    | 152.4 | 8.2        | 14.4   | 18.9  |       |
| 2009 03 10 | 12 29.32 | +12 12.7        | 2.217           | 3.174    | 161.3 | 5.7        | 14.3   | 18.7  |       |
| 2009 03 20 | 12 22.23 | +13 00.2        | 2.168           | 3.143    | 165.9 | 4.4        | 14.1   | 18.6  |       |
| 2009 03 30 | 12 14.52 | +13 38.4        | 2.148           | 3.113    | 162.0 | 5.7        | 14.1   | 18.6  |       |
| 2009 04 09 | 12 07.00 | +14 02.4        | 2.155           | 3.082    | 153.3 | 8.4        | 14.0   | 18.7  |       |
| 2009 04 19 | 12 00.44 | +14 09.2        | 2.187           | 3.052    | 143.3 | 11.3       | 14.0   | 18.8  |       |
| 2009 04 29 | 11 55.44 | +13 57.9        | 2.241           | 3.022    | 133.3 | 14.0       | 14.0   | 19.0  |       |
| 2009 05 09 | 11 52.42 | +13 29.1        | 2.312           | 2.992    | 123.6 | 16.3       | 14.0   | 19.1  |       |
| 2009 05 19 | 11 51.53 | +12 44.7        | 2.397           | 2.962    | 114.4 | 18.1       | 14.0   | 19.2  |       |
| 2009 05 29 | 11 52.78 | +11 46.6        | 2.492           | 2.933    | 105.7 | 19.4       | 14.0   | 19.3  |       |
| 2009 06 08 | 11 56.08 | +10 37.0        | 2.591           | 2.904    | 97.5  | 20.3       | 14.0   | 19.4  |       |
| 2009 06 18 | 12 01.21 | +09 17.8        | 2.694           | 2.876    | 89.8  | 20.7       | 14.0   | 19.5  |       |
| 2009 06 28 | 12 08.01 | +07 50.5        | 2.797           | 2.847    | 82.5  | 20.7       | 14.0   | 19.5  |       |
| 2009 07 08 | 12 16.28 | +06 16.4        | 2.897           | 2.820    | 75.5  | 20.4       | 14.1   | 19.6  |       |
| 2009 07 18 | 12 25.83 | +04 36.9        | 2.993           | 2.793    | 68.9  | 19.8       | 14.1   | 19.6  |       |
| 2009 07 28 | 12 36.53 | +02 52.8        | 3.084           | 2.766    | 62.5  | 19.0       | 14.1   | 19.6  |       |
| 2009 08 07 | 12 48.25 | +01 05.1        | 3.169           | 2.740    | 56.4  | 17.9       | 14.1   | 19.6  |       |

|            |          |          |       |       |      |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|------|
| 2009 08 17 | 13 00.88 | −00 45.3 | 3.246 | 2.715 | 50.4 | 16.7 | 14.1 | 19.6 |
| 2009 08 27 | 13 14.36 | −02 37.6 | 3.314 | 2.690 | 44.6 | 15.3 | 14.0 | 19.6 |
| 2009 09 06 | 13 28.62 | −04 30.9 | 3.374 | 2.667 | 39.0 | 13.8 | 14.0 | 19.6 |
| 2009 09 16 | 13 43.60 | −06 24.2 | 3.424 | 2.644 | 33.4 | 12.1 | 14.0 | 19.5 |

P/2001 CV<sub>8</sub> (LINEAR)

## Elements MPC 54170

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 11 | 11 13.01 | +08 28.6        | 2.938           | 2.160    | 32.2  | 14.2       | 18.7   |       |       |
| 2008 10 21 | 11 32.56 | +06 03.2        | 2.877           | 2.161    | 36.6  | 15.9       | 18.6   |       |       |
| 2008 10 31 | 11 51.65 | +03 37.4        | 2.811           | 2.165    | 41.2  | 17.6       | 18.6   |       |       |
| 2008 11 10 | 12 10.25 | +01 12.8        | 2.740           | 2.172    | 46.0  | 19.1       | 18.6   |       |       |
| 2008 11 20 | 12 28.30 | −01 09.4        | 2.665           | 2.182    | 51.0  | 20.6       | 18.5   |       |       |
| 2008 11 30 | 12 45.76 | −03 27.8        | 2.585           | 2.194    | 56.2  | 21.9       | 18.5   |       |       |
| 2008 12 10 | 13 02.50 | −05 41.4        | 2.501           | 2.209    | 61.6  | 23.1       | 18.4   |       |       |
| 2008 12 20 | 13 18.43 | −07 49.1        | 2.413           | 2.226    | 67.3  | 24.1       | 18.4   |       |       |
| 2008 12 30 | 13 33.36 | −09 50.1        | 2.322           | 2.246    | 73.3  | 24.8       | 18.3   |       |       |
| 2009 01 09 | 13 47.10 | −11 43.7        | 2.228           | 2.268    | 79.7  | 25.2       | 18.3   |       |       |
| 2009 01 19 | 13 59.40 | −13 29.3        | 2.133           | 2.293    | 86.4  | 25.4       | 18.2   |       |       |
| 2009 01 29 | 14 09.98 | −15 06.5        | 2.037           | 2.319    | 93.6  | 25.1       | 18.2   |       |       |
| 2009 02 08 | 14 18.50 | −16 34.7        | 1.944           | 2.347    | 101.4 | 24.3       | 18.1   |       |       |
| 2009 02 18 | 14 24.63 | −17 53.4        | 1.855           | 2.377    | 109.6 | 23.1       | 18.1   |       |       |
| 2009 02 28 | 14 28.05 | −19 01.8        | 1.773           | 2.408    | 118.5 | 21.2       | 18.1   |       |       |
| 2009 03 10 | 14 28.53 | −19 58.5        | 1.701           | 2.441    | 128.0 | 18.7       | 18.0   |       |       |
| 2009 03 20 | 14 26.03 | −20 42.0        | 1.643           | 2.476    | 138.1 | 15.6       | 18.0   |       |       |
| 2009 03 30 | 14 20.78 | −21 10.7        | 1.604           | 2.512    | 148.7 | 11.9       | 18.0   |       |       |
| 2009 04 09 | 14 13.39 | −21 23.7        | 1.586           | 2.548    | 159.5 | 7.9        | 18.1   |       |       |
| 2009 04 19 | 14 04.80 | −21 22.0        | 1.593           | 2.586    | 168.9 | 4.3        | 18.1   |       |       |
| 2009 04 29 | 13 56.12 | −21 08.2        | 1.627           | 2.625    | 170.3 | 3.7        | 18.2   |       |       |
| 2009 05 09 | 13 48.45 | −20 47.4        | 1.686           | 2.664    | 161.9 | 6.8        | 18.4   |       |       |
| 2009 05 19 | 13 42.61 | −20 25.0        | 1.771           | 2.705    | 151.7 | 10.2       | 18.6   |       |       |
| 2009 05 29 | 13 39.05 | −20 06.1        | 1.878           | 2.746    | 141.7 | 13.2       | 18.8   |       |       |
| 2009 06 08 | 13 37.96 | −19 54.1        | 2.003           | 2.787    | 132.1 | 15.7       | 19.0   |       |       |
| 2009 06 18 | 13 39.23 | −19 51.0        | 2.144           | 2.829    | 123.0 | 17.5       | 19.2   |       |       |
| 2009 06 28 | 13 42.68 | −19 57.4        | 2.298           | 2.871    | 114.4 | 18.8       | 19.4   |       |       |
| 2009 07 08 | 13 48.06 | −20 12.9        | 2.461           | 2.914    | 106.3 | 19.6       | 19.6   |       |       |
| 2009 07 18 | 13 55.08 | −20 36.5        | 2.630           | 2.957    | 98.5  | 19.9       | 19.8   |       |       |
| 2009 07 28 | 14 03.54 | −21 07.0        | 2.803           | 3.000    | 91.1  | 19.8       | 20.0   |       |       |
| 2009 08 07 | 14 13.21 | −21 43.1        | 2.978           | 3.043    | 83.9  | 19.4       | 20.2   |       |       |

## 10P/Tempel

## Elements MPC 59600

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 11 | 11 14.08 | +11 59.6        | 5.064           | 4.270    | 33.7  | 7.5        |        | 21.7  |       |
| 2008 10 21 | 11 22.98 | +11 18.7        | 4.941           | 4.244    | 41.3  | 8.9        |        | 21.7  |       |
| 2008 10 31 | 11 31.51 | +10 41.7        | 4.801           | 4.216    | 49.0  | 10.2       |        | 21.7  |       |
| 2008 11 10 | 11 39.58 | +10 09.7        | 4.647           | 4.189    | 56.9  | 11.4       |        | 21.6  |       |
| 2008 11 20 | 11 47.06 | +09 43.8        | 4.480           | 4.160    | 65.0  | 12.4       |        | 21.6  |       |
| 2008 11 30 | 11 53.82 | +09 25.0        | 4.303           | 4.130    | 73.4  | 13.2       |        | 21.5  |       |
| 2008 12 10 | 11 59.71 | +09 14.8        | 4.119           | 4.100    | 82.0  | 13.8       |        | 21.4  |       |
| 2008 12 20 | 12 04.57 | +09 14.1        | 3.931           | 4.069    | 91.0  | 14.0       |        | 21.3  |       |
| 2008 12 30 | 12 08.20 | +09 24.3        | 3.744           | 4.037    | 100.3 | 13.9       |        | 21.2  |       |
| 2009 01 09 | 12 10.43 | +09 46.1        | 3.561           | 4.004    | 109.9 | 13.3       |        | 21.0  |       |
| 2009 01 19 | 12 11.07 | +10 20.0        | 3.387           | 3.970    | 120.0 | 12.4       |        | 20.9  |       |
| 2009 01 29 | 12 09.99 | +11 05.9        | 3.226           | 3.936    | 130.3 | 11.0       |        | 20.7  |       |

## M.P.C. 63882

2008 SEPT. 17

|            |          |          |       |       |       |           |      |
|------------|----------|----------|-------|-------|-------|-----------|------|
| 2009 02 08 | 12 07.11 | +12 02.5 | 3.085 | 3.901 | 140.9 | 9.2       | 20.5 |
| 2009 02 18 | 12 02.49 | +13 07.2 | 2.967 | 3.864 | 151.5 | 7.0       | 20.3 |
| 2009 02 28 | 11 56.32 | +14 16.4 | 2.876 | 3.827 | 161.2 | 4.8       | 20.1 |
| 2009 03 10 | 11 48.98 | +15 25.0 | 2.816 | 3.790 | 166.8 | 3.4       | 20.0 |
| 2009 03 20 | 11 41.02 | +16 27.9 | 2.786 | 3.751 | 163.3 | 4.4       | 20.0 |
| 2009 03 30 | 11 33.07 | +17 20.3 | 2.787 | 3.711 | 154.1 | 6.7       | 20.1 |
| 2009 04 09 | 11 25.80 | +17 58.7 | 2.815 | 3.671 | 143.7 | 9.3       | 20.2 |
| 2009 04 19 | 11 19.76 | +18 21.4 | 2.868 | 3.629 | 133.1 | 11.7      | 20.3 |
| 2009 04 29 | 11 15.34 | +18 28.2 | 2.940 | 3.587 | 122.8 | 13.6      | 20.4 |
| 2009 05 09 | 11 12.78 | +18 20.1 | 3.025 | 3.544 | 113.0 | 15.2      | 20.5 |
| 2009 05 19 | 11 12.14 | +17 58.6 | 3.121 | 3.499 | 103.6 | 16.3      | 20.6 |
| 2009 05 29 | 11 13.36 | +17 25.4 | 3.221 | 3.454 | 94.7  | 17.0      | 20.6 |
| 2009 06 08 | 11 16.34 | +16 42.2 | 3.321 | 3.409 | 86.2  | 17.3      | 20.7 |
| 2009 06 18 | 11 20.91 | +15 50.5 | 3.419 | 3.362 | 78.2  | 17.2      | 20.7 |
| 2009 06 28 | 11 26.91 | +14 51.4 | 3.511 | 3.314 | 70.5  | 16.8      | 20.7 |
| 2009 07 08 | 11 34.18 | +13 46.0 | 3.595 | 3.265 | 63.2  | 16.1 20.6 | 20.7 |
| 2009 07 18 | 11 42.56 | +12 35.1 | 3.669 | 3.216 | 56.1  | 15.2 20.5 | 20.7 |
| 2009 07 28 | 11 51.94 | +11 19.5 | 3.731 | 3.165 | 49.4  | 14.1 20.4 | 20.7 |
| 2009 08 07 | 12 02.22 | +09 59.9 | 3.780 | 3.114 | 42.8  | 12.8 20.2 | 20.6 |
| 2009 08 17 | 12 13.29 | +08 36.7 | 3.815 | 3.061 | 36.5  | 11.3 20.1 | 20.5 |
| 2009 08 27 | 12 25.10 | +07 10.7 | 3.836 | 3.008 | 30.4  | 9.8 19.9  | 20.4 |

## C/2008 P1 (Garradd)

| Date TT    |          | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | Elements MPC 63821 |        |       |       |
|------------|----------|-----------------|-----------------|----------|-------|--------------------|--------|-------|-------|
|            |          |                 |                 |          |       | $\epsilon$         | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 21 | 23 08.28 | -42 26.2        | 4.030           | 4.556    | 116.1 | 11.3               | 16.6   |       |       |
| 2008 10 31 | 23 01.04 | -40 30.0        | 4.103           | 4.514    | 108.3 | 12.1               | 16.6   |       |       |
| 2008 11 10 | 22 56.03 | -38 22.8        | 4.190           | 4.472    | 100.1 | 12.6               | 16.6   |       |       |
| 2008 11 20 | 22 53.17 | -36 08.3        | 4.288           | 4.431    | 91.8  | 12.9               | 16.6   |       |       |
| 2008 11 30 | 22 52.28 | -33 49.6        | 4.393           | 4.392    | 83.5  | 12.9               | 16.6   |       |       |
| 2008 12 10 | 22 53.13 | -31 28.9        | 4.500           | 4.353    | 75.2  | 12.6               | 16.7   |       |       |
| 2008 12 20 | 22 55.47 | -29 07.9        | 4.606           | 4.316    | 66.9  | 12.1               | 16.7   |       |       |
| 2008 12 30 | 22 59.08 | -26 47.6        | 4.706           | 4.280    | 58.8  | 11.3               | 16.7   |       |       |
| 2009 01 09 | 23 03.72 | -24 28.6        | 4.798           | 4.246    | 50.8  | 10.3               | 16.7   |       |       |
| 2009 01 19 | 23 09.21 | -22 11.3        | 4.879           | 4.213    | 43.0  | 9.2                | 16.7   |       |       |
| 2009 01 29 | 23 15.37 | -19 55.6        | 4.946           | 4.181    | 35.3  | 7.8                | 16.7   |       |       |

## 110P/Hartley

| Date TT    |          | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | Elements MPC 54167 |        |       |       |
|------------|----------|-----------------|-----------------|----------|-------|--------------------|--------|-------|-------|
|            |          |                 |                 |          |       | $\epsilon$         | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 21 | 11 23.66 | -04 17.9        | 3.668           | 2.912    | 35.2  | 11.4               | 17.7   | 21.3  |       |
| 2008 10 31 | 11 36.57 | -06 07.0        | 3.610           | 2.939    | 41.4  | 12.9               | 17.8   | 21.4  |       |
| 2008 11 10 | 11 48.82 | -07 54.4        | 3.540           | 2.967    | 47.8  | 14.3               | 17.9   | 21.4  |       |
| 2008 11 20 | 12 00.33 | -09 39.1        | 3.460           | 2.996    | 54.5  | 15.6               | 18.0   | 21.4  |       |
| 2008 11 30 | 12 10.98 | -11 20.6        | 3.370           | 3.024    | 61.4  | 16.6               | 18.1   | 21.4  |       |
| 2008 12 10 | 12 20.61 | -12 58.0        | 3.271           | 3.053    | 68.6  | 17.5               | 18.1   | 21.4  |       |
| 2008 12 20 | 12 29.07 | -14 30.3        | 3.166           | 3.082    | 76.1  | 18.1               | 18.2   | 21.4  |       |
| 2008 12 30 | 12 36.16 | -15 56.6        | 3.056           | 3.112    | 84.0  | 18.3               | 18.2   | 21.3  |       |
| 2009 01 09 | 12 41.67 | -17 15.5        | 2.944           | 3.141    | 92.3  | 18.2               | 18.3   | 21.3  |       |
| 2009 01 19 | 12 45.40 | -18 25.7        | 2.833           | 3.171    | 100.9 | 17.7               | 18.3   | 21.2  |       |
| 2009 01 29 | 12 47.16 | -19 25.2        | 2.726           | 3.200    | 110.0 | 16.8               | 18.3   | 21.1  |       |
| 2009 02 08 | 12 46.79 | -20 11.9        | 2.628           | 3.230    | 119.5 | 15.4               | 18.4   | 21.0  |       |
| 2009 02 18 | 12 44.30 | -20 43.8        | 2.542           | 3.260    | 129.3 | 13.6               | 18.4   | 20.9  |       |
| 2009 02 28 | 12 39.82 | -20 58.8        | 2.474           | 3.289    | 139.3 | 11.3               | 18.5   | 20.8  |       |
| 2009 03 10 | 12 33.70 | -20 55.5        | 2.427           | 3.319    | 149.2 | 8.8                | 18.6   | 20.6  |       |

|            |          |          |       |       |       |      |      |      |
|------------|----------|----------|-------|-------|-------|------|------|------|
| 2009 03 20 | 12 26.50 | -20 34.2 | 2.404 | 3.349 | 158.0 | 6.4  | 18.7 | 20.5 |
| 2009 03 30 | 12 18.92 | -19 57.0 | 2.410 | 3.378 | 163.3 | 4.9  | 18.8 | 20.5 |
| 2009 04 09 | 12 11.73 | -19 07.9 | 2.443 | 3.408 | 161.6 | 5.3  | 18.9 | 20.5 |
| 2009 04 19 | 12 05.57 | -18 12.3 | 2.504 | 3.437 | 154.3 | 7.3  | 19.1 | 20.7 |
| 2009 04 29 | 12 00.94 | -17 15.7 | 2.592 | 3.467 | 145.2 | 9.5  | 19.3 | 20.9 |
| 2009 05 09 | 11 58.13 | -16 23.2 | 2.702 | 3.496 | 135.7 | 11.6 | 19.5 | 21.1 |
| 2009 05 19 | 11 57.22 | -15 38.5 | 2.831 | 3.525 | 126.3 | 13.4 | 19.7 | 21.3 |
| 2009 05 29 | 11 58.15 | -15 03.8 | 2.975 | 3.554 | 117.1 | 14.7 | 19.9 | 21.4 |
| 2009 06 08 | 12 00.81 | -14 40.4 | 3.130 | 3.582 | 108.4 | 15.6 | 20.1 | 21.6 |
| 2009 06 18 | 12 05.00 | -14 28.3 | 3.293 | 3.611 | 100.0 | 16.1 | 20.3 | 21.7 |
| 2009 06 28 | 12 10.54 | -14 27.2 | 3.461 | 3.639 | 91.9  | 16.2 | 20.5 | 21.9 |
| 2009 07 08 | 12 17.24 | -14 36.2 | 3.629 | 3.667 | 84.1  | 16.0 | 20.7 | 22.0 |
| 2009 07 18 | 12 24.92 | -14 54.3 | 3.796 | 3.695 | 76.6  | 15.5 | 20.9 | 22.1 |
| 2009 07 28 | 12 33.47 | -15 20.4 | 3.959 | 3.722 | 69.2  | 14.8 | 21.1 | 22.2 |
| 2009 08 07 | 12 42.72 | -15 53.4 | 4.115 | 3.749 | 62.1  | 13.8 | 21.3 | 22.2 |
| 2009 08 17 | 12 52.59 | -16 32.2 | 4.264 | 3.776 | 55.1  | 12.7 | 21.5 | 22.3 |
| 2009 08 27 | 13 02.98 | -17 15.9 | 4.401 | 3.803 | 48.2  | 11.4 | 21.6 | 22.3 |
| 2009 09 06 | 13 13.80 | -18 03.4 | 4.527 | 3.829 | 41.4  | 10.0 | 21.8 | 22.3 |
| 2009 09 16 | 13 24.98 | -18 53.9 | 4.640 | 3.855 | 34.7  | 8.5  | 21.9 | 22.3 |

## 88P/Howell

Elements MPC 56805

| Date TT    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 21 | 11 41.77        | +05 40.2        | 4.068    | 3.296 | 34.4       | 9.8    |       | 21.8  |
| 2008 10 31 | 11 53.48        | +04 27.3        | 3.924    | 3.244 | 41.2       | 11.6   | 21.6  | 21.7  |
| 2008 11 10 | 12 05.04        | +03 15.8        | 3.766    | 3.191 | 48.1       | 13.4   | 21.4  | 21.7  |
| 2008 11 20 | 12 16.38        | +02 06.6        | 3.596    | 3.137 | 55.1       | 15.0   | 21.2  | 21.6  |
| 2008 11 30 | 12 27.42        | +01 00.6        | 3.416    | 3.082 | 62.2       | 16.4   | 21.0  | 21.5  |
| 2008 12 10 | 12 38.05        | -00 01.3        | 3.228    | 3.026 | 69.5       | 17.7   | 20.8  | 21.4  |
| 2008 12 20 | 12 48.12        | -00 58.1        | 3.033    | 2.969 | 76.9       | 18.8   | 20.5  | 21.2  |
| 2008 12 30 | 12 57.48        | -01 48.7        | 2.834    | 2.912 | 84.6       | 19.6   | 20.2  | 21.1  |
| 2009 01 09 | 13 05.92        | -02 31.7        | 2.635    | 2.853 | 92.6       | 20.1   | 19.9  | 20.9  |
| 2009 01 19 | 13 13.20        | -03 05.9        | 2.436    | 2.793 | 100.8      | 20.2   | 19.6  | 20.7  |
| 2009 01 29 | 13 19.04        | -03 29.8        | 2.242    | 2.733 | 109.5      | 19.9   | 19.3  | 20.4  |
| 2009 02 08 | 13 23.09        | -03 42.1        | 2.056    | 2.672 | 118.5      | 18.9   | 19.0  | 20.2  |
| 2009 02 18 | 13 25.01        | -03 41.5        | 1.881    | 2.609 | 128.1      | 17.3   | 18.6  | 19.9  |
| 2009 02 28 | 13 24.45        | -03 26.7        | 1.720    | 2.546 | 138.4      | 15.0   | 18.3  | 19.5  |
| 2009 03 10 | 13 21.15        | -02 57.7        | 1.577    | 2.483 | 149.2      | 11.8   | 17.9  | 19.2  |
| 2009 03 20 | 13 15.07        | -02 15.6        | 1.457    | 2.418 | 160.5      | 7.9    | 17.6  | 18.8  |
| 2009 03 30 | 13 06.46        | -01 23.6        | 1.361    | 2.353 | 171.6      | 3.5    | 17.2  | 18.4  |
| 2009 04 09 | 12 56.09        | -00 27.9        | 1.292    | 2.288 | 172.1      | 3.5    | 16.9  | 18.2  |
| 2009 04 19 | 12 45.11        | +00 23.9        | 1.249    | 2.222 | 160.7      | 8.6    | 16.7  | 18.3  |
| 2009 04 29 | 12 34.88        | +01 03.4        | 1.231    | 2.156 | 148.6      | 14.1   | 16.5  | 18.4  |
| 2009 05 09 | 12 26.72        | +01 24.0        | 1.234    | 2.089 | 137.0      | 19.2   | 16.3  | 18.5  |
| 2009 05 19 | 12 21.53        | +01 22.0        | 1.253    | 2.023 | 126.3      | 23.8   | 16.1  | 18.6  |
| 2009 05 29 | 12 19.80        | +00 56.3        | 1.283    | 1.958 | 116.5      | 27.6   | 15.9  | 18.7  |
| 2009 06 08 | 12 21.66        | +00 07.6        | 1.319    | 1.893 | 107.7      | 30.7   | 15.8  | 18.8  |
| 2009 06 18 | 12 26.97        | -01 02.2        | 1.357    | 1.829 | 99.8       | 33.2   | 15.6  | 18.9  |
| 2009 06 28 | 12 35.51        | -02 31.2        | 1.395    | 1.766 | 92.8       | 35.1   | 15.4  | 18.9  |
| 2009 07 08 | 12 47.06        | -04 17.2        | 1.430    | 1.706 | 86.6       | 36.5   | 15.3  | 18.9  |
| 2009 07 18 | 13 01.38        | -06 17.9        | 1.462    | 1.648 | 81.2       | 37.6   | 15.1  | 18.9  |
| 2009 07 28 | 13 18.37        | -08 31.3        | 1.490    | 1.593 | 76.4       | 38.3   | 14.9  | 18.9  |
| 2009 08 07 | 13 37.94        | -10 54.6        | 1.513    | 1.542 | 72.2       | 38.8   | 14.7  | 18.9  |
| 2009 08 17 | 14 00.07        | -13 24.6        | 1.533    | 1.496 | 68.5       | 39.0   | 14.5  | 18.9  |

2008 SEPT. 17

M.P.C. 63883

|            |          |          |       |       |      |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|------|
| 2009 08 27 | 14 24.82 | −15 57.5 | 1.550 | 1.455 | 65.4 | 39.1 | 14.4 | 18.8 |
| 2009 09 06 | 14 52.23 | −18 28.3 | 1.565 | 1.421 | 62.7 | 39.1 | 14.3 | 18.8 |
| 2009 09 16 | 15 22.31 | −20 50.9 | 1.582 | 1.394 | 60.5 | 38.9 | 14.2 | 18.8 |
| 2009 09 26 | 15 55.05 | −22 58.7 | 1.600 | 1.376 | 58.6 | 38.5 | 14.1 | 18.8 |
| 2009 10 06 | 16 30.24 | −24 44.0 | 1.622 | 1.365 | 57.0 | 37.9 | 14.1 | 18.7 |
| 2009 10 16 | 17 07.47 | −25 59.6 | 1.651 | 1.364 | 55.6 | 37.1 | 14.1 | 18.8 |
| 2009 10 26 | 17 46.14 | −26 39.8 | 1.687 | 1.372 | 54.4 | 36.1 | 14.2 | 18.8 |
| 2009 11 05 | 18 25.45 | −26 41.1 | 1.732 | 1.388 | 53.2 | 34.9 | 14.3 | 18.8 |
| 2009 11 15 | 19 04.52 | −26 03.1 | 1.788 | 1.412 | 51.9 | 33.5 | 14.5 | 18.9 |
| 2009 11 25 | 19 42.59 | −24 48.5 | 1.854 | 1.444 | 50.6 | 31.9 | 14.7 | 19.0 |
| 2009 12 05 | 20 19.04 | −23 02.7 | 1.930 | 1.483 | 49.0 | 30.1 | 15.0 | 19.1 |
| 2009 12 15 | 20 53.52 | −20 52.2 | 2.017 | 1.528 | 47.1 | 28.2 | 15.3 | 19.2 |
| 2009 12 25 | 21 25.91 | −18 23.7 | 2.112 | 1.577 | 44.9 | 26.1 | 15.6 | 19.3 |
| 2010 01 04 | 21 56.21 | −15 43.6 | 2.215 | 1.631 | 42.5 | 24.0 | 15.9 | 19.4 |
| 2010 01 14 | 22 24.59 | −12 57.2 | 2.324 | 1.688 | 39.7 | 21.9 | 16.2 | 19.5 |
| 2010 01 24 | 22 51.24 | −10 08.8 | 2.436 | 1.748 | 36.6 | 19.6 | 16.6 | 19.6 |
| 2010 02 03 | 23 16.36 | −07 21.8 | 2.551 | 1.810 | 33.3 | 17.4 | 16.9 | 19.7 |

| P/2005 SB <sub>216</sub> (LONEOS) |    |                 |                 |          | Elements MPC 61994 |            |        |       |       |
|-----------------------------------|----|-----------------|-----------------|----------|--------------------|------------|--------|-------|-------|
| Date                              | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$                | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 21                        | 11 | 42.07           | +08 26.3        | 5.924    | 5.149              | 35.7       | 6.5    |       | 19.9  |
| 2008 10 31                        | 11 | 48.94           | +07 29.2        | 5.855    | 5.182              | 43.6       | 7.6    |       | 20.0  |
| 2008 11 10                        | 11 | 55.25           | +06 36.2        | 5.770    | 5.215              | 51.8       | 8.6    |       | 20.0  |
| 2008 11 20                        | 12 | 00.89           | +05 47.9        | 5.670    | 5.249              | 60.2       | 9.4    |       | 20.0  |
| 2008 11 30                        | 12 | 05.78           | +05 04.8        | 5.558    | 5.282              | 68.8       | 10.0   |       | 20.0  |
| 2008 12 10                        | 12 | 09.78           | +04 27.4        | 5.436    | 5.316              | 77.8       | 10.4   |       | 20.0  |
| 2008 12 20                        | 12 | 12.81           | +03 56.1        | 5.310    | 5.349              | 87.0       | 10.6   |       | 19.9  |
| 2008 12 30                        | 12 | 14.76           | +03 31.4        | 5.181    | 5.383              | 96.5       | 10.5   |       | 19.9  |
| 2009 01 09                        | 12 | 15.53           | +03 13.4        | 5.056    | 5.416              | 106.4      | 10.0   |       | 19.8  |
| 2009 01 19                        | 12 | 15.10           | +03 02.1        | 4.938    | 5.450              | 116.6      | 9.3    |       | 19.8  |
| 2009 01 29                        | 12 | 13.45           | +02 57.4        | 4.833    | 5.484              | 127.1      | 8.2    |       | 19.7  |
| 2009 02 08                        | 12 | 10.63           | +02 58.5        | 4.746    | 5.517              | 137.8      | 6.9    |       | 19.6  |
| 2009 02 18                        | 12 | 06.79           | +03 04.5        | 4.682    | 5.551              | 148.8      | 5.3    |       | 19.5  |
| 2009 02 28                        | 12 | 02.13           | +03 14.1        | 4.644    | 5.585              | 160.0      | 3.5    |       | 19.4  |
| 2009 03 10                        | 11 | 56.93           | +03 25.6        | 4.635    | 5.619              | 171.0      | 1.6    |       | 19.3  |
| 2009 03 20                        | 11 | 51.51           | +03 37.3        | 4.658    | 5.652              | 176.3      | 0.7    |       | 19.2  |
| 2009 03 30                        | 11 | 46.22           | +03 47.4        | 4.712    | 5.686              | 165.9      | 2.5    |       | 19.4  |
| 2009 04 09                        | 11 | 41.38           | +03 54.4        | 4.796    | 5.720              | 155.0      | 4.2    |       | 19.6  |
| 2009 04 19                        | 11 | 37.24           | +03 57.1        | 4.908    | 5.753              | 144.2      | 5.9    |       | 19.7  |
| 2009 04 29                        | 11 | 34.00           | +03 54.6        | 5.044    | 5.787              | 133.8      | 7.2    |       | 19.9  |
| 2009 05 09                        | 11 | 31.79           | +03 46.6        | 5.200    | 5.821              | 123.6      | 8.3    |       | 20.0  |
| 2009 05 19                        | 11 | 30.65           | +03 32.9        | 5.372    | 5.854              | 113.8      | 9.1    |       | 20.1  |
| 2009 05 29                        | 11 | 30.58           | +03 13.6        | 5.554    | 5.888              | 104.3      | 9.6    |       | 20.2  |
| 2009 06 08                        | 11 | 31.54           | +02 49.0        | 5.743    | 5.921              | 95.1       | 9.8    |       | 20.3  |
| 2009 06 18                        | 11 | 33.44           | +02 19.5        | 5.935    | 5.955              | 86.2       | 9.8    |       | 20.4  |
| 2009 06 28                        | 11 | 36.20           | +01 45.5        | 6.125    | 5.988              | 77.5       | 9.5    |       | 20.5  |
| 2009 07 08                        | 11 | 39.71           | +01 07.5        | 6.310    | 6.021              | 69.1       | 9.1    |       | 20.5  |
| 2009 07 18                        | 11 | 43.89           | +00 26.0        | 6.486    | 6.055              | 60.8       | 8.4    |       | 20.6  |
| 2009 07 28                        | 11 | 48.64           | −00 18.7        | 6.651    | 6.088              | 52.6       | 7.6    |       | 20.6  |
| 2009 08 07                        | 11 | 53.86           | −01 06.1        | 6.802    | 6.121              | 44.5       | 6.7    |       | 20.6  |
| 2009 08 17                        | 11 | 59.46           | −01 55.6        | 6.937    | 6.154              | 36.6       | 5.6    |       | 20.6  |

## C/2007 M2 (Catalina)

Elements MPC 61437

| Date       | TT       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----------|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 21 | 11 50.85 | −25 24.6        | 4.391           | 3.569    | 30.4  | 8.1        | 16.7   |       |       |
| 2008 10 31 | 11 57.04 | −28 19.2        | 4.308           | 3.558    | 36.4  | 9.5        | 16.7   |       |       |
| 2008 11 10 | 12 02.80 | −31 23.9        | 4.213           | 3.551    | 42.8  | 10.9       | 16.6   |       |       |
| 2008 11 20 | 12 07.92 | −34 39.2        | 4.107           | 3.545    | 49.4  | 12.2       | 16.6   |       |       |
| 2008 11 30 | 12 12.14 | −38 05.5        | 3.995           | 3.542    | 56.1  | 13.4       | 16.5   |       |       |
| 2008 12 10 | 12 15.11 | −41 42.6        | 3.880           | 3.541    | 62.9  | 14.3       | 16.4   |       |       |
| 2008 12 20 | 12 16.37 | −45 29.7        | 3.764           | 3.542    | 69.5  | 15.1       | 16.4   |       |       |
| 2008 12 30 | 12 15.27 | −49 25.0        | 3.653           | 3.546    | 76.0  | 15.6       | 16.3   |       |       |
| 2009 01 09 | 12 10.95 | −53 24.8        | 3.550           | 3.552    | 82.2  | 15.9       | 16.3   |       |       |
| 2009 01 19 | 12 02.19 | −57 23.3        | 3.459           | 3.561    | 87.9  | 16.0       | 16.2   |       |       |
| 2009 01 29 | 11 47.43 | −61 11.5        | 3.383           | 3.572    | 93.0  | 16.0       | 16.2   |       |       |
| 2009 02 08 | 11 24.86 | −64 36.4        | 3.325           | 3.585    | 97.2  | 15.8       | 16.2   |       |       |
| 2009 02 18 | 10 53.18 | −67 21.5        | 3.287           | 3.600    | 100.5 | 15.7       | 16.1   |       |       |
| 2009 02 28 | 10 13.11 | −69 08.8        | 3.270           | 3.618    | 102.6 | 15.5       | 16.2   |       |       |
| 2009 03 10 | 09 29.03 | −69 47.3        | 3.273           | 3.638    | 103.6 | 15.4       | 16.2   |       |       |
| 2009 03 20 | 08 47.67 | −69 19.9        | 3.296           | 3.659    | 103.6 | 15.3       | 16.2   |       |       |
| 2009 03 30 | 08 14.17 | −68 03.5        | 3.335           | 3.683    | 102.5 | 15.3       | 16.3   |       |       |
| 2009 04 09 | 07 50.02 | −66 19.5        | 3.389           | 3.709    | 100.8 | 15.4       | 16.3   |       |       |
| 2009 04 19 | 07 34.17 | −64 26.7        | 3.453           | 3.737    | 98.6  | 15.4       | 16.4   |       |       |
| 2009 04 29 | 07 24.85 | −62 37.8        | 3.526           | 3.767    | 96.0  | 15.4       | 16.5   |       |       |
| 2009 05 09 | 07 20.40 | −61 01.5        | 3.603           | 3.798    | 93.4  | 15.4       | 16.6   |       |       |
| 2009 05 19 | 07 19.53 | −59 42.5        | 3.683           | 3.832    | 90.7  | 15.3       | 16.7   |       |       |
| 2009 05 29 | 07 21.30 | −58 43.4        | 3.762           | 3.867    | 88.3  | 15.2       | 16.8   |       |       |
| 2009 06 08 | 07 24.98 | −58 05.8        | 3.840           | 3.904    | 86.0  | 15.0       | 16.8   |       |       |
| 2009 06 18 | 07 30.08 | −57 49.9        | 3.915           | 3.942    | 84.1  | 14.9       | 16.9   |       |       |
| 2009 06 28 | 07 36.20 | −57 55.7        | 3.985           | 3.982    | 82.5  | 14.7       | 17.0   |       |       |
| 2009 07 08 | 07 43.02 | −58 22.8        | 4.051           | 4.023    | 81.2  | 14.5       | 17.1   |       |       |
| 2009 07 18 | 07 50.29 | −59 10.7        | 4.113           | 4.066    | 80.2  | 14.3       | 17.2   |       |       |
| 2009 07 28 | 07 57.79 | −60 18.5        | 4.170           | 4.109    | 79.6  | 14.1       | 17.2   |       |       |
| 2009 08 07 | 08 05.27 | −61 45.4        | 4.223           | 4.155    | 79.2  | 13.9       | 17.3   |       |       |
| 2009 08 17 | 08 12.49 | −63 30.3        | 4.274           | 4.201    | 79.1  | 13.7       | 17.4   |       |       |
| 2009 08 27 | 08 19.16 | −65 32.0        | 4.323           | 4.249    | 79.1  | 13.5       | 17.5   |       |       |
| 2009 09 06 | 08 24.85 | −67 48.8        | 4.372           | 4.297    | 79.1  | 13.3       | 17.5   |       |       |
| 2009 09 16 | 08 28.97 | −70 19.1        | 4.421           | 4.347    | 79.2  | 13.1       | 17.6   |       |       |
| 2009 09 26 | 08 30.51 | −73 00.5        | 4.473           | 4.398    | 79.2  | 12.9       | 17.7   |       |       |
| 2009 10 06 | 08 27.65 | −75 49.9        | 4.529           | 4.449    | 79.1  | 12.7       | 17.8   |       |       |
| 2009 10 16 | 08 16.79 | −78 42.7        | 4.588           | 4.502    | 78.8  | 12.5       | 17.8   |       |       |
| 2009 10 26 | 07 49.76 | −81 30.8        | 4.653           | 4.555    | 78.2  | 12.3       | 17.9   |       |       |
| 2009 11 05 | 06 47.49 | −83 54.5        | 4.724           | 4.609    | 77.3  | 12.1       | 18.0   |       |       |
| 2009 11 15 | 04 45.17 | −85 04.8        | 4.801           | 4.664    | 76.2  | 11.9       | 18.1   |       |       |
| 2009 11 25 | 02 35.59 | −84 10.8        | 4.883           | 4.720    | 74.7  | 11.6       | 18.2   |       |       |
| 2009 12 05 | 01 25.84 | −81 53.6        | 4.970           | 4.776    | 73.0  | 11.4       | 18.3   |       |       |
| 2009 12 15 | 00 55.24 | −79 07.1        | 5.062           | 4.833    | 71.1  | 11.1       | 18.4   |       |       |
| 2009 12 25 | 00 42.67 | −76 13.0        | 5.156           | 4.890    | 69.0  | 10.8       | 18.5   |       |       |
| 2010 01 04 | 00 38.88 | −73 20.2        | 5.251           | 4.948    | 66.9  | 10.5       | 18.5   |       |       |
| 2010 01 14 | 00 39.84 | −70 32.7        | 5.347           | 5.007    | 64.8  | 10.2       | 18.6   |       |       |
| 2010 01 24 | 00 43.60 | −67 53.0        | 5.440           | 5.066    | 62.8  | 9.9        | 18.7   |       |       |
| 2010 02 03 | 00 49.07 | −65 22.7        | 5.530           | 5.125    | 61.0  | 9.7        | 18.8   |       |       |
| 2010 02 13 | 00 55.62 | −63 03.0        | 5.614           | 5.185    | 59.6  | 9.5        | 18.9   |       |       |
| 2010 02 23 | 01 02.88 | −60 54.7        | 5.691           | 5.246    | 58.7  | 9.3        | 19.0   |       |       |

|                             |          |                 |                    |          |       |            |        |       |       |
|-----------------------------|----------|-----------------|--------------------|----------|-------|------------|--------|-------|-------|
| 2010 03 05                  | 01 10.54 | −58 58.5        | 5.761              | 5.306    | 58.2  | 9.1        | 19.1   |       |       |
| 2010 03 15                  | 01 18.43 | −57 14.8        | 5.821              | 5.367    | 58.4  | 9.1        | 19.1   |       |       |
| <b>C/2005 L3 (McNaught)</b> |          |                 | Elements MPC 59596 |          |       |            |        |       |       |
| Date                        | TT       | $\alpha_{2000}$ | $\delta_{2000}$    | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31                  | 15 02.30 | +18 14.2        | 6.769              | 5.970    | 33.9  | 5.3        | 15.9   |       |       |
| 2008 11 10                  | 15 05.30 | +18 16.7        | 6.775              | 5.996    | 35.4  | 5.5        | 15.9   |       |       |
| 2008 11 20                  | 15 08.32 | +18 27.9        | 6.756              | 6.022    | 39.1  | 5.9        | 15.9   |       |       |
| 2008 11 30                  | 15 11.24 | +18 48.5        | 6.715              | 6.048    | 44.3  | 6.5        | 16.0   |       |       |
| 2008 12 10                  | 15 13.88 | +19 19.2        | 6.652              | 6.076    | 50.7  | 7.2        | 16.0   |       |       |
| 2008 12 20                  | 15 16.11 | +20 00.4        | 6.571              | 6.104    | 57.8  | 7.8        | 15.9   |       |       |
| 2008 12 30                  | 15 17.75 | +20 52.7        | 6.474              | 6.133    | 65.6  | 8.4        | 15.9   |       |       |
| 2009 01 09                  | 15 18.64 | +21 56.1        | 6.366              | 6.162    | 73.7  | 8.8        | 15.9   |       |       |
| 2009 01 19                  | 15 18.60 | +23 10.4        | 6.251              | 6.192    | 82.1  | 9.1        | 15.9   |       |       |
| 2009 01 29                  | 15 17.45 | +24 35.0        | 6.134              | 6.223    | 90.6  | 9.1        | 15.9   |       |       |
| 2009 02 08                  | 15 15.01 | +26 08.5        | 6.022              | 6.254    | 99.1  | 9.0        | 15.9   |       |       |
| 2009 02 18                  | 15 11.14 | +27 48.8        | 5.919              | 6.286    | 107.4 | 8.6        | 15.8   |       |       |
| 2009 02 28                  | 15 05.72 | +29 33.1        | 5.832              | 6.319    | 115.3 | 8.2        | 15.8   |       |       |
| 2009 03 10                  | 14 58.71 | +31 17.6        | 5.766              | 6.352    | 122.3 | 7.6        | 15.8   |       |       |
| 2009 03 20                  | 14 50.15 | +32 58.0        | 5.725              | 6.385    | 127.9 | 7.1        | 15.8   |       |       |
| 2009 03 30                  | 14 40.19 | +34 29.8        | 5.712              | 6.420    | 131.7 | 6.7        | 15.9   |       |       |
| 2009 04 09                  | 14 29.15 | +35 48.5        | 5.730              | 6.454    | 132.9 | 6.5        | 15.9   |       |       |
| 2009 04 19                  | 14 17.43 | +36 51.1        | 5.780              | 6.490    | 131.5 | 6.7        | 15.9   |       |       |
| 2009 04 29                  | 14 05.51 | +37 35.2        | 5.859              | 6.525    | 127.8 | 7.0        | 16.0   |       |       |
| 2009 05 09                  | 13 53.90 | +38 00.5        | 5.966              | 6.561    | 122.3 | 7.5        | 16.0   |       |       |
| 2009 05 19                  | 13 43.06 | +38 08.0        | 6.097              | 6.598    | 115.6 | 7.9        | 16.1   |       |       |
| 2009 05 29                  | 13 33.33 | +37 59.7        | 6.247              | 6.635    | 108.3 | 8.3        | 16.2   |       |       |
| 2009 06 08                  | 13 24.96 | +37 38.3        | 6.412              | 6.673    | 100.5 | 8.6        | 16.3   |       |       |
| 2009 06 18                  | 13 18.06 | +37 06.8        | 6.586              | 6.711    | 92.7  | 8.7        | 16.4   |       |       |
| 2009 06 28                  | 13 12.63 | +36 28.1        | 6.765              | 6.750    | 84.8  | 8.6        | 16.4   |       |       |
| 2009 07 08                  | 13 08.61 | +35 44.6        | 6.944              | 6.789    | 77.1  | 8.4        | 16.5   |       |       |
| 2009 07 18                  | 13 05.89 | +34 58.7        | 7.117              | 6.828    | 69.5  | 8.0        | 16.6   |       |       |
| 2009 07 28                  | 13 04.35 | +34 12.2        | 7.282              | 6.868    | 62.2  | 7.5        | 16.7   |       |       |
| 2009 08 07                  | 13 03.82 | +33 26.6        | 7.434              | 6.908    | 55.3  | 6.9        | 16.7   |       |       |
| 2009 08 17                  | 13 04.17 | +32 43.2        | 7.570              | 6.948    | 49.0  | 6.3        | 16.8   |       |       |
| 2009 08 27                  | 13 05.25 | +32 03.1        | 7.689              | 6.989    | 43.4  | 5.7        | 16.9   |       |       |
| 2009 09 06                  | 13 06.93 | +31 27.2        | 7.786              | 7.031    | 38.9  | 5.2        | 16.9   |       |       |
| 2009 09 16                  | 13 09.06 | +30 56.3        | 7.862              | 7.072    | 35.9  | 4.8        | 17.0   |       |       |
| 2009 09 26                  | 13 11.54 | +30 31.2        | 7.914              | 7.114    | 34.8  | 4.6        | 17.0   |       |       |

|                           |          |                 |                    |          |       |            |        |       |       |
|---------------------------|----------|-----------------|--------------------|----------|-------|------------|--------|-------|-------|
| <b>C/2008 N1 (Holmes)</b> |          |                 | Elements MPC 63821 |          |       |            |        |       |       |
| Date                      | TT       | $\alpha_{2000}$ | $\delta_{2000}$    | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31                | 21 30.59 | +15 30.3        | 3.833              | 4.275    | 110.0 | 12.6       | 18.2   |       |       |
| 2008 11 10                | 21 23.90 | +14 53.9        | 3.927              | 4.206    | 99.5  | 13.4       | 18.2   |       |       |
| 2008 11 20                | 21 19.22 | +14 25.4        | 4.026              | 4.137    | 89.5  | 13.8       | 18.2   |       |       |
| 2008 11 30                | 21 16.38 | +14 06.7        | 4.125              | 4.069    | 79.9  | 13.8       | 18.2   |       |       |
| 2008 12 10                | 21 15.17 | +13 59.2        | 4.218              | 4.002    | 70.7  | 13.4       | 18.1   |       |       |
| 2008 12 20                | 21 15.33 | +14 03.5        | 4.298              | 3.935    | 62.1  | 12.8       | 18.1   |       |       |
| 2008 12 30                | 21 16.65 | +14 20.2        | 4.363              | 3.869    | 54.1  | 11.9       | 18.1   |       |       |
| 2009 01 09                | 21 18.89 | +14 49.4        | 4.408              | 3.805    | 46.9  | 10.9       | 18.0   |       |       |
| 2009 01 19                | 21 21.84 | +15 31.3        | 4.432              | 3.741    | 40.6  | 9.9        | 18.0   |       |       |
| 2009 01 29                | 21 25.30 | +16 26.1        | 4.432              | 3.678    | 35.7  | 9.0        | 17.9   |       |       |
| 2009 02 08                | 21 29.08 | +17 34.0        | 4.407              | 3.616    | 32.6  | 8.5        | 17.8   |       |       |

|            |          |          |       |       |       |      |      |  |  |
|------------|----------|----------|-------|-------|-------|------|------|--|--|
| 2009 02 18 | 21 33.00 | +18 55.4 | 4.358 | 3.555 | 31.7  | 8.4  | 17.7 |  |  |
| 2009 02 28 | 21 36.86 | +20 30.9 | 4.285 | 3.496 | 33.0  | 8.9  | 17.6 |  |  |
| 2009 03 10 | 21 40.48 | +22 21.1 | 4.189 | 3.438 | 36.2  | 9.8  | 17.5 |  |  |
| 2009 03 20 | 21 43.63 | +24 26.9 | 4.072 | 3.381 | 40.8  | 11.1 | 17.3 |  |  |
| 2009 03 30 | 21 46.06 | +26 49.4 | 3.937 | 3.327 | 46.3  | 12.5 | 17.2 |  |  |
| 2009 04 09 | 21 47.44 | +29 29.8 | 3.787 | 3.274 | 52.4  | 14.0 | 17.0 |  |  |
| 2009 04 19 | 21 47.40 | +32 29.3 | 3.625 | 3.223 | 58.9  | 15.5 | 16.9 |  |  |
| 2009 04 29 | 21 45.37 | +35 48.8 | 3.456 | 3.174 | 65.5  | 16.8 | 16.7 |  |  |
| 2009 05 09 | 21 40.61 | +39 28.1 | 3.286 | 3.127 | 72.1  | 17.9 | 16.5 |  |  |
| 2009 05 19 | 21 32.06 | +43 25.6 | 3.121 | 3.083 | 78.5  | 18.8 | 16.4 |  |  |
| 2009 05 29 | 21 18.20 | +47 35.5 | 2.966 | 3.041 | 84.5  | 19.4 | 16.2 |  |  |
| 2009 06 08 | 20 57.01 | +51 45.8 | 2.829 | 3.002 | 89.8  | 19.8 | 16.0 |  |  |
| 2009 06 18 | 20 26.14 | +55 35.1 | 2.716 | 2.966 | 94.0  | 20.0 | 15.9 |  |  |
| 2009 06 28 | 19 44.04 | +58 30.4 | 2.635 | 2.932 | 96.7  | 20.1 | 15.8 |  |  |
| 2009 07 08 | 18 52.65 | +59 53.8 | 2.588 | 2.902 | 97.5  | 20.3 | 15.7 |  |  |
| 2009 07 18 | 17 59.05 | +59 22.1 | 2.577 | 2.875 | 96.4  | 20.6 | 15.6 |  |  |
| 2009 07 28 | 17 11.91 | +57 04.0 | 2.602 | 2.851 | 93.5  | 20.8 | 15.6 |  |  |
| 2009 08 07 | 16 35.67 | +53 34.1 | 2.658 | 2.830 | 89.1  | 21.0 | 15.6 |  |  |
| 2009 08 17 | 16 10.05 | +49 29.9 | 2.739 | 2.814 | 83.7  | 21.0 | 15.7 |  |  |
| 2009 08 27 | 15 52.86 | +45 19.2 | 2.838 | 2.800 | 77.6  | 20.6 | 15.7 |  |  |
| 2009 09 06 | 15 41.84 | +41 18.9 | 2.946 | 2.791 | 71.3  | 20.0 | 15.8 |  |  |
| 2009 09 16 | 15 35.21 | +37 37.4 | 3.058 | 2.785 | 65.0  | 19.1 | 15.9 |  |  |
| 2009 09 26 | 15 31.72 | +34 18.6 | 3.166 | 2.783 | 58.9  | 18.0 | 15.9 |  |  |
| 2009 10 06 | 15 30.45 | +31 23.4 | 3.264 | 2.785 | 53.3  | 16.7 | 16.0 |  |  |
| 2009 10 16 | 15 30.75 | +28 51.2 | 3.349 | 2.791 | 48.5  | 15.5 | 16.1 |  |  |
| 2009 10 26 | 15 32.14 | +26 41.2 | 3.417 | 2.801 | 44.8  | 14.5 | 16.1 |  |  |
| 2009 11 05 | 15 34.22 | +24 52.3 | 3.463 | 2.814 | 42.5  | 13.8 | 16.2 |  |  |
| 2009 11 15 | 15 36.65 | +23 23.5 | 3.487 | 2.831 | 42.0  | 13.5 | 16.2 |  |  |
| 2009 11 25 | 15 39.16 | +22 14.2 | 3.488 | 2.851 | 43.3  | 13.7 | 16.3 |  |  |
| 2009 12 05 | 15 41.45 | +21 23.8 | 3.464 | 2.875 | 46.4  | 14.4 | 16.3 |  |  |
| 2009 12 15 | 15 43.23 | +20 52.2 | 3.416 | 2.902 | 51.2  | 15.3 | 16.3 |  |  |
| 2009 12 25 | 15 44.19 | +20 39.3 | 3.347 | 2.933 | 57.2  | 16.4 | 16.3 |  |  |
| 2010 01 04 | 15 43.95 | +20 45.3 | 3.257 | 2.966 | 64.3  | 17.4 | 16.3 |  |  |
| 2010 01 14 | 15 42.12 | +21 10.1 | 3.151 | 3.002 | 72.3  | 18.2 | 16.3 |  |  |
| 2010 01 24 | 15 38.21 | +21 53.5 | 3.034 | 3.042 | 81.1  | 18.6 | 16.2 |  |  |
| 2010 02 03 | 15 31.66 | +22 54.4 | 2.911 | 3.084 | 90.6  | 18.6 | 16.2 |  |  |
| 2010 02 13 | 15 21.91 | +24 10.0 | 2.790 | 3.128 | 100.7 | 18.1 | 16.2 |  |  |
| 2010 02 23 | 15 08.39 | +25 35.3 | 2.679 | 3.175 | 111.3 | 16.9 | 16.2 |  |  |
| 2010 03 05 | 14 50.75 | +27 01.4 | 2.588 | 3.224 | 121.9 | 15.1 | 16.1 |  |  |
| 2010 03 15 | 14 29.07 | +28 16.4 | 2.527 | 3.275 | 131.8 | 13.1 | 16.2 |  |  |

|                         |          |                 |                    |          |       |            |        |       |       |
|-------------------------|----------|-----------------|--------------------|----------|-------|------------|--------|-------|-------|
| <b>C/2008 J6 (Hill)</b> |          |                 | Elements MPC 63376 |          |       |            |        |       |       |
| Date                    | TT       | $\alpha_{2000}$ | $\delta_{2000}$    | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31              | 21 58.07 | +53 32.3        | 2.534              | 3.095    | 115.5 | 16.8       | 17.4   |       |       |
| 2008 11 10              | 22 03.59 | +52 04.2        | 2.658              | 3.177    | 112.9 | 16.7       | 17.6   |       |       |
| 2008 11 20              | 22 11.77 | +50 42.1        | 2.793              | 3.261    | 109.7 | 16.6       | 17.9   |       |       |
| 2008 11 30              | 22 22.06 | +49 29.3        | 2.938              | 3.345    | 105.8 | 16.5       | 18.1   |       |       |
| 2008 12 10              | 22 34.02 | +48 27.9        | 3.094              | 3.429    | 101.5 | 16.3       | 18.3   |       |       |
| 2008 12 20              | 22 47.23 | +47 39.0        | 3.258              | 3.514    | 96.9  | 16.1       | 18.5   |       |       |
| 2008 12 30              | 23 01.41 | +47 02.6        | 3.430              | 3.600    | 91.9  | 15.8       | 18.7   |       |       |
| 2009 01 09              | 23 16.31 | +46 38.7        | 3.607              | 3.685    | 86.8  | 15.5       | 19.0   |       |       |
| 2009 01 19              | 23 31.73 | +46 26.4        | 3.787              | 3.771    | 81.6  | 15.0       | 19.2   |       |       |
| 2009 01 29              | 23 47.54 | +46 24.7        | 3.970              | 3.857    | 76.3  | 14.4       | 19.4   |       |       |

2008 SEPT. 17

M.P.C. 63885

|            |          |          |       |       |      |      |      |
|------------|----------|----------|-------|-------|------|------|------|
| 2009 02 08 | 00 03.61 | +46 32.5 | 4.152 | 3.943 | 71.0 | 13.7 | 19.5 |
| 2009 02 18 | 00 19.85 | +46 48.6 | 4.333 | 4.029 | 65.7 | 12.9 | 19.7 |
| 2009 02 28 | 00 36.20 | +47 11.7 | 4.510 | 4.115 | 60.6 | 12.1 | 19.9 |

| 149P/Mueller |    |                 |                 |          | Elements MPC 59598 |            |        |       |       |
|--------------|----|-----------------|-----------------|----------|--------------------|------------|--------|-------|-------|
| Date         | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$                | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31   |    | 07 19.36        | −03 56.0        | 3.488    | 3.852              | 104.1      | 14.5   | 22.4  |       |
| 2008 11 10   |    | 07 20.38        | −04 34.0        | 3.327    | 3.818              | 112.5      | 13.9   | 22.2  |       |
| 2008 11 20   |    | 07 19.66        | −05 05.2        | 3.176    | 3.783              | 121.2      | 12.9   | 22.1  |       |
| 2008 11 30   |    | 07 17.15        | −05 26.5        | 3.039    | 3.748              | 129.9      | 11.6   | 21.9  |       |
| 2008 12 10   |    | 07 12.92        | −05 34.4        | 2.919    | 3.713              | 138.4      | 10.1   | 21.7  |       |
| 2008 12 20   |    | 07 07.22        | −05 25.9        | 2.822    | 3.679              | 145.9      | 8.6    | 21.6  |       |
| 2008 12 30   |    | 07 00.44        | −04 58.7        | 2.751    | 3.644              | 151.3      | 7.4    | 21.4  |       |
| 2009 01 09   |    | 06 53.14        | −04 12.1        | 2.706    | 3.609              | 152.8      | 7.2    | 21.3  |       |
| 2009 01 19   |    | 06 45.98        | −03 07.4        | 2.690    | 3.574              | 149.7      | 8.0    | 21.2  |       |
| 2009 01 29   |    | 06 39.62        | −01 47.3        | 2.702    | 3.539              | 143.1      | 9.6    | 21.1  |       |
| 2009 02 08   |    | 06 34.63        | −00 16.1        | 2.739    | 3.505              | 134.8      | 11.5   | 21.1  |       |
| 2009 02 18   |    | 06 31.40        | +01 21.5        | 2.798    | 3.470              | 125.9      | 13.3   | 21.0  |       |
| 2009 02 28   |    | 06 30.18        | +03 01.2        | 2.875    | 3.436              | 116.7      | 14.9   | 21.0  |       |
| 2009 03 10   |    | 06 31.05        | +04 39.3        | 2.965    | 3.402              | 107.7      | 16.1   | 21.0  |       |
| 2009 03 20   |    | 06 33.95        | +06 12.8        | 3.065    | 3.368              | 99.0       | 17.0   | 21.0  |       |
| 2009 03 30   |    | 06 38.77        | +07 39.8        | 3.170    | 3.334              | 90.6       | 17.4   | 21.0  |       |
| 2009 04 09   |    | 06 45.34        | +08 58.8        | 3.276    | 3.301              | 82.6       | 17.5   | 20.9  |       |
| 2009 04 19   |    | 06 53.48        | +10 09.1        | 3.381    | 3.268              | 74.9       | 17.3   | 20.9  |       |
| 2009 04 29   |    | 07 03.02        | +11 10.3        | 3.483    | 3.235              | 67.6       | 16.7   | 20.9  |       |
| 2009 05 09   |    | 07 13.77        | +12 01.9        | 3.577    | 3.202              | 60.5       | 15.9   | 20.9  |       |
| 2009 05 19   |    | 07 25.57        | +12 44.2        | 3.664    | 3.171              | 53.6       | 14.9   | 20.8  |       |
| 2009 05 29   |    | 07 38.28        | +13 17.1        | 3.741    | 3.139              | 47.0       | 13.7   | 20.8  |       |
| 2009 06 08   |    | 07 51.76        | +13 40.8        | 3.807    | 3.108              | 40.6       | 12.3   | 20.8  |       |
| 2009 06 18   |    | 08 05.89        | +13 55.7        | 3.862    | 3.078              | 34.4       | 10.7   | 20.7  |       |

| 152P/Helin-Lawrence |    |                 |                 | Elements MPC 44505 |       |            |        |       |       |
|---------------------|----|-----------------|-----------------|--------------------|-------|------------|--------|-------|-------|
| Date                | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$           | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31          |    | 07 20.87        | +23 27.9        | 5.273              | 5.680 | 109.3      | 9.5    |       | 22.5  |
| 2008 11 10          |    | 07 20.36        | +23 38.2        | 5.116              | 5.669 | 119.5      | 8.7    |       | 22.4  |
| 2008 11 20          |    | 07 18.52        | +23 51.3        | 4.972              | 5.658 | 130.0      | 7.7    |       | 22.3  |
| 2008 11 30          |    | 07 15.37        | +24 06.8        | 4.848              | 5.647 | 140.8      | 6.3    |       | 22.2  |
| 2008 12 10          |    | 07 11.06        | +24 23.9        | 4.748              | 5.636 | 152.0      | 4.7    |       | 22.0  |
| 2008 12 20          |    | 07 05.81        | +24 41.6        | 4.675              | 5.624 | 163.3      | 2.9    |       | 21.9  |
| 2008 12 30          |    | 06 59.92        | +24 59.0        | 4.633              | 5.613 | 174.5      | 1.0    |       | 21.7  |
| 2009 01 09          |    | 06 53.78        | +25 14.9        | 4.623              | 5.601 | 173.0      | 1.2    |       | 21.7  |
| 2009 01 19          |    | 06 47.83        | +25 28.8        | 4.646              | 5.588 | 161.7      | 3.2    |       | 21.9  |
| 2009 01 29          |    | 06 42.44        | +25 40.1        | 4.698              | 5.576 | 150.4      | 5.0    |       | 22.0  |
| 2009 02 08          |    | 06 37.98        | +25 48.8        | 4.778              | 5.563 | 139.2      | 6.6    |       | 22.1  |
| 2009 02 18          |    | 06 34.71        | +25 55.2        | 4.881              | 5.550 | 128.4      | 8.0    |       | 22.2  |
| 2009 02 28          |    | 06 32.76        | +25 59.5        | 5.003              | 5.536 | 117.9      | 9.1    |       | 22.3  |
| 2009 03 10          |    | 06 32.22        | +26 02.2        | 5.138              | 5.523 | 107.8      | 9.9    |       | 22.4  |
| 2009 03 20          |    | 06 33.07        | +26 03.3        | 5.281              | 5.509 | 98.0       | 10.3   |       | 22.5  |

| P/2003 H4 (LINEAR) |    |                 |                 |          | Elements MPC 56804 |            |        |       |       |
|--------------------|----|-----------------|-----------------|----------|--------------------|------------|--------|-------|-------|
| Date               | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$                | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31         |    | 10 37.98        | −07 53.8        | 3.028    | 2.592              | 55.2       | 18.3   | 22.5  |       |
| 2008 11 10         |    | 10 52.55        | −09 51.9        | 2.872    | 2.539              | 60.7       | 19.9   | 22.3  |       |
| 2008 11 20         |    | 11 06.96        | −11 53.6        | 2.712    | 2.486              | 66.4       | 21.3   | 22.1  |       |

|            |          |          |       |       |       |      |      |
|------------|----------|----------|-------|-------|-------|------|------|
| 2008 11 30 | 11 21.13 | −13 58.1 | 2.549 | 2.434 | 72.1  | 22.7 | 21.9 |
| 2008 12 10 | 11 34.98 | −16 03.9 | 2.384 | 2.381 | 77.9  | 23.9 | 21.7 |
| 2008 12 20 | 11 48.43 | −18 09.9 | 2.219 | 2.329 | 83.8  | 24.8 | 21.4 |
| 2008 12 30 | 12 01.32 | −20 14.4 | 2.055 | 2.277 | 89.9  | 25.6 | 21.1 |
| 2009 01 09 | 12 13.49 | −22 15.1 | 1.894 | 2.226 | 96.1  | 26.1 | 20.9 |
| 2009 01 19 | 12 24.72 | −24 09.6 | 1.738 | 2.175 | 102.5 | 26.2 | 20.6 |
| 2009 01 29 | 12 34.72 | −25 54.4 | 1.588 | 2.126 | 109.2 | 25.9 | 20.3 |
| 2009 02 08 | 12 43.17 | −27 25.2 | 1.445 | 2.078 | 116.2 | 25.2 | 20.0 |
| 2009 02 18 | 12 49.73 | −28 36.5 | 1.311 | 2.031 | 123.5 | 23.9 | 19.7 |
| 2009 02 28 | 12 54.03 | −29 20.9 | 1.189 | 1.987 | 131.2 | 22.0 | 19.4 |
| 2009 03 10 | 12 55.87 | −29 29.9 | 1.080 | 1.944 | 139.4 | 19.4 | 19.1 |
| 2009 03 20 | 12 55.34 | −28 54.4 | 0.986 | 1.904 | 147.8 | 16.2 | 18.8 |
| 2009 03 30 | 12 52.90 | −27 26.6 | 0.910 | 1.866 | 155.8 | 12.7 | 18.5 |
| 2009 04 09 | 12 49.57 | −25 04.4 | 0.854 | 1.832 | 161.7 | 9.9  | 18.3 |
| 2009 04 19 | 12 46.72 | −21 55.2 | 0.819 | 1.800 | 161.9 | 10.0 | 18.1 |
| 2009 04 29 | 12 45.67 | −18 16.4 | 0.806 | 1.773 | 155.8 | 13.5 | 18.0 |
| 2009 05 09 | 12 47.51 | −14 32.3 | 0.814 | 1.750 | 147.2 | 18.2 | 18.0 |
| 2009 05 19 | 12 52.68 | −11 05.6 | 0.840 | 1.731 | 138.1 | 23.0 | 18.0 |
| 2009 05 29 | 13 01.18 | −08 12.2 | 0.882 | 1.716 | 129.6 | 27.1 | 18.1 |
| 2009 06 08 | 13 12.75 | −05 59.5 | 0.938 | 1.707 | 121.8 | 30.4 | 18.2 |
| 2009 06 18 | 13 26.90 | −04 27.6 | 1.003 | 1.702 | 114.9 | 32.8 | 18.3 |
| 2009 06 28 | 13 43.15 | −03 32.7 | 1.077 | 1.702 | 108.8 | 34.4 | 18.5 |
| 2009 07 08 | 14 01.11 | −03 09.2 | 1.158 | 1.708 | 103.3 | 35.4 | 18.6 |
| 2009 07 18 | 14 20.36 | −03 10.7 | 1.245 | 1.718 | 98.4  | 35.8 | 18.8 |
| 2009 07 28 | 14 40.65 | −03 31.2 | 1.337 | 1.733 | 93.9  | 35.8 | 19.0 |
| 2009 08 07 | 15 01.76 | −04 05.1 | 1.434 | 1.752 | 89.7  | 35.4 | 19.2 |
| 2009 08 17 | 15 23.47 | −04 47.2 | 1.536 | 1.776 | 85.7  | 34.6 | 19.4 |
| 2009 08 27 | 15 45.67 | −05 33.5 | 1.643 | 1.804 | 81.9  | 33.7 | 19.6 |
| 2009 09 06 | 16 08.23 | −06 19.9 | 1.753 | 1.835 | 78.2  | 32.5 | 19.9 |
| 2009 09 16 | 16 31.02 | −07 03.3 | 1.868 | 1.870 | 74.5  | 31.2 | 20.1 |
| 2009 09 26 | 16 53.99 | −07 41.2 | 1.986 | 1.908 | 70.8  | 29.8 | 20.3 |
| 2009 10 06 | 17 17.00 | −08 11.4 | 2.107 | 1.949 | 67.1  | 28.2 | 20.5 |
| 2009 10 16 | 17 39.98 | −08 32.4 | 2.230 | 1.992 | 63.2  | 26.6 | 20.7 |
| 2009 10 26 | 18 02.83 | −08 43.2 | 2.356 | 2.037 | 59.3  | 24.8 | 20.9 |
| 2009 11 05 | 18 25.47 | −08 42.9 | 2.482 | 2.083 | 55.3  | 23.0 | 21.2 |
| 2009 11 15 | 18 47.81 | −08 31.5 | 2.609 | 2.132 | 51.1  | 21.2 | 21.4 |
| 2009 11 25 | 19 09.78 | −08 08.9 | 2.734 | 2.181 | 46.8  | 19.3 | 21.6 |
| 2009 12 05 | 19 31.31 | −07 35.5 | 2.857 | 2.231 | 42.5  | 17.3 | 21.8 |
| 2009 12 15 | 19 52.34 | −06 52.0 | 2.976 | 2.283 | 38.0  | 15.4 | 22.0 |
| 2009 12 25 | 20 12.85 | −05 59.2 | 3.091 | 2.335 | 33.5  | 13.4 | 22.1 |

| C/2007 D1 (LINEAR) |    |                 |                 |          | Elements MPC 61436 |            |        |       |       |
|--------------------|----|-----------------|-----------------|----------|--------------------|------------|--------|-------|-------|
| Date               | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$                | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 10 31         |    | 12 03.59        | +03 35.6        | 10.011   | 9.255              | 38.6       | 3.8    | 18.2  |       |
| 2008 11 10         |    | 12 07.99        | +03 29.2        | 9.913    | 9.273              | 47.5       | 4.5    | 18.2  |       |
| 2008 11 20         |    | 12 12.02        | +03 26.2        | 9.798    | 9.292              | 56.6       | 5.1    | 18.1  |       |
| 2008 11 30         |    | 12 15.62        | +03 27.1        | 9.669    | 9.310              | 65.9       | 5.5    | 18.1  |       |
| 2008 12 10         |    | 12 18.72        | +03 32.2        | 9.530    | 9.329              | 75.3       | 5.9    | 18.1  |       |
| 2008 12 20         |    | 12 21.26        | +03 42.0        | 9.383    | 9.349              | 85.0       | 6.0    | 18.1  |       |
| 2008 12 30         |    | 12 23.19        | +03 56.6        | 9.235    | 9.368              | 94.8       | 6.0    | 18.0  |       |
| 2009 01 09         |    | 12 24.48        | +04 16.2        | 9.090    | 9.388              | 104.7      | 5.8    | 18.0  |       |
| 2009 01 19         |    | 12 25.10        | +04 40.6        | 8.952    | 9.408              | 114.8      | 5.4    | 18.0  |       |
| 2009 01 29         |    | 12 25.08        | +05 09.5        | 8.828    | 9.428              | 125.1      | 4.9    | 18.0  |       |

|            |          |          |        |       |       |     |      |
|------------|----------|----------|--------|-------|-------|-----|------|
| 2009 02 08 | 12 24.42 | +05 42.2 | 8.722  | 9.449 | 135.4 | 4.2 | 18.0 |
| 2009 02 18 | 12 23.21 | +06 17.9 | 8.638  | 9.470 | 145.7 | 3.4 | 17.9 |
| 2009 02 28 | 12 21.52 | +06 55.6 | 8.579  | 9.491 | 155.8 | 2.5 | 17.9 |
| 2009 03 10 | 12 19.47 | +07 33.9 | 8.550  | 9.513 | 165.1 | 1.5 | 17.9 |
| 2009 03 20 | 12 17.22 | +08 11.8 | 8.551  | 9.535 | 170.7 | 1.0 | 18.0 |
| 2009 03 30 | 12 14.89 | +08 47.8 | 8.582  | 9.557 | 166.6 | 1.4 | 18.0 |
| 2009 04 09 | 12 12.65 | +09 20.8 | 8.644  | 9.579 | 157.8 | 2.3 | 18.0 |
| 2009 04 19 | 12 10.63 | +09 49.9 | 8.735  | 9.602 | 148.1 | 3.2 | 18.0 |
| 2009 04 29 | 12 08.97 | +10 14.4 | 8.851  | 9.625 | 138.2 | 4.0 | 18.1 |
| 2009 05 09 | 12 07.76 | +10 33.8 | 8.989  | 9.648 | 128.4 | 4.7 | 18.1 |
| 2009 05 19 | 12 07.07 | +10 48.1 | 9.145  | 9.671 | 118.7 | 5.3 | 18.2 |
| 2009 05 29 | 12 06.96 | +10 57.3 | 9.315  | 9.695 | 109.2 | 5.7 | 18.2 |
| 2009 06 08 | 12 07.45 | +11 01.5 | 9.494  | 9.719 | 99.9  | 5.9 | 18.3 |
| 2009 06 18 | 12 08.52 | +11 01.2 | 9.677  | 9.743 | 90.7  | 6.0 | 18.3 |
| 2009 06 28 | 12 10.18 | +10 56.9 | 9.861  | 9.768 | 81.8  | 5.9 | 18.4 |
| 2009 07 08 | 12 12.38 | +10 49.0 | 10.042 | 9.792 | 73.0  | 5.7 | 18.4 |
| 2009 07 18 | 12 15.08 | +10 38.1 | 10.215 | 9.817 | 64.3  | 5.4 | 18.5 |
| 2009 07 28 | 12 18.25 | +10 24.8 | 10.377 | 9.842 | 55.8  | 4.9 | 18.5 |
| 2009 08 07 | 12 21.82 | +10 09.6 | 10.525 | 9.868 | 47.5  | 4.3 | 18.6 |
| 2009 08 17 | 12 25.73 | +09 53.1 | 10.656 | 9.893 | 39.3  | 3.7 | 18.6 |
| 2009 08 27 | 12 29.95 | +09 35.8 | 10.768 | 9.919 | 31.4  | 3.0 | 18.6 |

## C/2006 S5 (Hill)

## Elements MPC 60465

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 31 |    | 12 09.71        | -10 05.2        | 4.977    | 4.175 | 32.5       | 7.3    | 17.7  |       |
| 2008 11 10 |    | 12 18.93        | -11 18.6        | 4.960    | 4.246 | 39.8       | 8.6    | 17.8  |       |
| 2008 11 20 |    | 12 27.44        | -12 28.8        | 4.926    | 4.318 | 47.3       | 9.7    | 17.8  |       |
| 2008 11 30 |    | 12 35.15        | -13 35.1        | 4.879    | 4.390 | 55.1       | 10.6   | 17.9  |       |
| 2008 12 10 |    | 12 41.95        | -14 36.9        | 4.819    | 4.462 | 63.2       | 11.4   | 17.9  |       |
| 2008 12 20 |    | 12 47.72        | -15 33.6        | 4.749    | 4.534 | 71.5       | 11.9   | 17.9  |       |
| 2008 12 30 |    | 12 52.35        | -16 24.4        | 4.671    | 4.607 | 80.2       | 12.1   | 18.0  |       |
| 2009 01 09 |    | 12 55.72        | -17 08.5        | 4.589    | 4.680 | 89.2       | 12.1   | 18.0  |       |
| 2009 01 19 |    | 12 57.77        | -17 45.0        | 4.506    | 4.753 | 98.6       | 11.8   | 18.0  |       |
| 2009 01 29 |    | 12 58.41        | -18 13.2        | 4.427    | 4.826 | 108.2      | 11.2   | 18.1  |       |
| 2009 02 08 |    | 12 57.67        | -18 32.1        | 4.357    | 4.900 | 118.1      | 10.2   | 18.1  |       |
| 2009 02 18 |    | 12 55.60        | -18 41.2        | 4.300    | 4.973 | 128.3      | 9.0    | 18.1  |       |
| 2009 02 28 |    | 12 52.35        | -18 40.0        | 4.261    | 5.046 | 138.6      | 7.5    | 18.2  |       |
| 2009 03 10 |    | 12 48.18        | -18 28.9        | 4.245    | 5.120 | 148.8      | 5.8    | 18.2  |       |
| 2009 03 20 |    | 12 43.38        | -18 08.6        | 4.254    | 5.193 | 158.5      | 4.0    | 18.3  |       |
| 2009 03 30 |    | 12 38.33        | -17 40.8        | 4.292    | 5.267 | 166.0      | 2.6    | 18.4  |       |
| 2009 04 09 |    | 12 33.41        | -17 07.6        | 4.360    | 5.340 | 166.8      | 2.5    | 18.5  |       |
| 2009 04 19 |    | 12 28.95        | -16 31.5        | 4.458    | 5.414 | 160.2      | 3.6    | 18.6  |       |
| 2009 04 29 |    | 12 25.22        | -15 55.2        | 4.584    | 5.487 | 151.0      | 5.1    | 18.7  |       |
| 2009 05 09 |    | 12 22.45        | -15 21.0        | 4.736    | 5.560 | 141.3      | 6.5    | 18.8  |       |
| 2009 05 19 |    | 12 20.73        | -14 50.9        | 4.911    | 5.634 | 131.6      | 7.7    | 19.0  |       |
| 2009 05 29 |    | 12 20.10        | -14 26.3        | 5.104    | 5.707 | 122.0      | 8.7    | 19.1  |       |
| 2009 06 08 |    | 12 20.56        | -14 08.1        | 5.312    | 5.780 | 112.7      | 9.3    | 19.2  |       |
| 2009 06 18 |    | 12 22.04        | -13 56.5        | 5.530    | 5.853 | 103.6      | 9.7    | 19.4  |       |
| 2009 06 28 |    | 12 24.47        | -13 51.8        | 5.754    | 5.926 | 94.8       | 9.8    | 19.5  |       |
| 2009 07 08 |    | 12 27.74        | -13 53.7        | 5.981    | 5.999 | 86.1       | 9.7    | 19.7  |       |
| 2009 07 18 |    | 12 31.76        | -14 01.6        | 6.207    | 6.071 | 77.7       | 9.4    | 19.8  |       |
| 2009 07 28 |    | 12 36.42        | -14 15.2        | 6.428    | 6.144 | 69.4       | 8.9    | 19.9  |       |
| 2009 08 07 |    | 12 41.64        | -14 33.8        | 6.641    | 6.216 | 61.2       | 8.2    | 20.0  |       |

## 148P/Anderson-LINEAR

## Elements MPC 60927

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 10 31 |    | 12 16.81        | +01 08.2        | 3.001    | 2.254 | 34.5       | 14.4   |       | 21.0  |
| 2008 11 10 |    | 12 33.88        | -00 34.9        | 2.979    | 2.309 | 39.9       | 16.0   |       | 21.1  |
| 2008 11 20 |    | 12 50.04        | -02 10.4        | 2.948    | 2.365 | 45.6       | 17.4   |       | 21.1  |
| 2008 11 30 |    | 13 05.21        | -03 37.5        | 2.906    | 2.421 | 51.7       | 18.6   |       | 21.2  |
| 2008 12 10 |    | 13 19.29        | -04 55.2        | 2.853    | 2.478 | 58.1       | 19.7   |       | 21.2  |
| 2008 12 20 |    | 13 32.18        | -06 02.9        | 2.792    | 2.535 | 64.8       | 20.6   |       | 21.3  |
| 2008 12 30 |    | 13 43.72        | -07 00.0        | 2.721    | 2.592 | 72.0       | 21.1   |       | 21.3  |
| 2009 01 09 |    | 13 53.72        | -07 45.9        | 2.644    | 2.649 | 79.6       | 21.4   |       | 21.3  |
| 2009 01 19 |    | 14 01.97        | -08 20.1        | 2.562    | 2.706 | 87.6       | 21.3   |       | 21.2  |
| 2009 01 29 |    | 14 08.25        | -08 42.1        | 2.478    | 2.763 | 96.2       | 20.8   |       | 21.2  |
| 2009 02 08 |    | 14 12.34        | -08 51.7        | 2.394    | 2.820 | 105.3      | 19.7   |       | 21.1  |
| 2009 02 18 |    | 14 14.06        | -08 48.7        | 2.316    | 2.877 | 115.0      | 18.1   |       | 21.1  |
| 2009 02 28 |    | 14 13.30        | -08 33.5        | 2.247    | 2.933 | 125.3      | 16.0   |       | 21.0  |
| 2009 03 10 |    | 14 10.10        | -08 07.1        | 2.193    | 2.989 | 136.1      | 13.3   |       | 20.9  |
| 2009 03 20 |    | 14 04.72        | -07 31.2        | 2.157    | 3.044 | 147.4      | 10.1   |       | 20.7  |
| 2009 03 30 |    | 13 57.59        | -06 48.9        | 2.146    | 3.099 | 159.0      | 6.6    |       | 20.6  |
| 2009 04 09 |    | 13 49.43        | -06 04.1        | 2.162    | 3.154 | 170.3      | 3.1    |       | 20.5  |
| 2009 04 19 |    | 13 41.02        | -05 21.3        | 2.207    | 3.208 | 174.0      | 1.9    |       | 20.5  |
| 2009 04 29 |    | 13 33.13        | -04 44.5        | 2.281    | 3.261 | 163.9      | 4.9    |       | 20.8  |
| 2009 05 09 |    | 13 26.45        | -04 17.2        | 2.383    | 3.314 | 152.9      | 8.0    |       | 21.1  |
| 2009 05 19 |    | 13 21.39        | -04 01.1        | 2.510    | 3.366 | 142.1      | 10.6   |       | 21.3  |
| 2009 05 29 |    | 13 18.17        | -03 56.8        | 2.658    | 3.418 | 131.8      | 12.8   |       | 21.5  |
| 2009 06 08 |    | 13 16.85        | -04 04.0        | 2.823    | 3.469 | 122.0      | 14.4   |       | 21.8  |
| 2009 06 18 |    | 13 17.33        | -04 21.6        | 3.001    | 3.520 | 112.7      | 15.4   |       | 22.0  |
| 2009 06 28 |    | 13 19.46        | -04 48.3        | 3.188    | 3.570 | 103.8      | 16.1   |       | 22.2  |
| 2009 07 08 |    | 13 23.05        | -05 22.6        | 3.380    | 3.619 | 95.3       | 16.2   |       | 22.3  |
| 2009 07 18 |    | 13 27.92        | -06 03.2        | 3.574    | 3.668 | 87.2       | 16.1   |       | 22.5  |

## C/2007 G1 (LINEAR)

## Elements MPC 62270

| Date       | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
|------------|----|-----------------|-----------------|----------|-------|------------|--------|-------|-------|
| 2008 11 20 |    | 16 16.81        | -55 42.1        | 3.375    | 2.647 | 36.6       | 12.9   | 12.4  |       |
| 2008 11 30 |    | 16 34.01        | -58 22.9        | 3.375    | 2.651 | 36.8       | 12.9   | 12.4  |       |
| 2008 12 10 |    | 16 54.36        | -61 11.8        | 3.360    | 2.659 | 38.4       | 13.3   | 12.4  |       |
| 2008 12 20 |    | 17 18.86        | -64 07.3        | 3.333    | 2.671 | 41.1       | 14.0   | 12.4  |       |
| 2008 12 30 |    | 17 49.12        | -67 06.5        | 3.297    | 2.687 | 44.6       | 14.9   | 12.4  |       |
| 2009 01 09 |    | 18 27.67        | -70 03.2        | 3.255    | 2.707 | 48.6       | 15.8   | 12.4  |       |
| 2009 01 19 |    | 19 18.26        | -72 45.3        | 3.211    | 2.731 | 52.8       | 16.7   | 12.4  |       |
| 2009 01 29 |    | 20 25.10        | -74 52.2        | 3.169    | 2.759 | 57.0       | 17.4   | 12.4  |       |
| 2009 02 08 |    | 21 48.28        | -75 53.5        | 3.133    | 2.790 | 60.9       | 18.0   | 12.4  |       |
| 2009 02 18 |    | 23 17.18        | -75 23.6        | 3.107    | 2.825 | 64.4       | 18.4   | 12.5  |       |
| 2009 02 28 |    | 00 35.91        | -73 24.0        | 3.093    | 2.863 | 67.4       | 18.6   | 12.5  |       |
| 2009 03 10 |    | 01 37.72        | -70 20.7        | 3.094    | 2.904 | 69.7       | 18.7   | 12.6  |       |
| 2009 03 20 |    | 02 24.88        | -66 42.1        | 3.112    | 2.947 | 71.3       | 18.7   | 12.7  |       |
| 2009 03 30 |    | 03 01.69        | -62 49.4        | 3.146    | 2.994 | 72.1       | 18.5   | 12.8  |       |
| 2009 04 09 |    | 03 31.51        | -58 57.1        | 3.196    | 3.043 | 72.2       | 18.3   | 12.9  |       |
| 2009 04 19 |    | 03 56.53        | -55 14.7        | 3.261    | 3.095 | 71.6       | 17.9   | 13.0  |       |
| 2009 04 29 |    | 04 18.19        | -51 48.6        | 3.336    | 3.148 | 70.6       | 17.6   | 13.1  |       |
| 2009 05 09 |    | 04 37.32        | -48 42.7        | 3.420    | 3.204 | 69.2       | 17.1   | 13.2  |       |
| 2009 05 19 |    | 04 54.51        | -45 59.2        | 3.509    | 3.262 | 67.7       | 16.7   | 13.4  |       |
| 2009 05 29 |    | 05 10.11        | -43 38.8        | 3.600    | 3.321 | 66.1       | 16.2   | 13.5  |       |
| 2009 06 08 |    | 05 24.35        | -41 41.5        | 3.689    | 3.382 | 64.7       | 15.7   | 13.6  |       |

2008 SEPT. 17

M.P.C. 63887

|            |          |          |       |       |       |      |      |
|------------|----------|----------|-------|-------|-------|------|------|
| 2009 06 18 | 05 37.38 | −40 06.7 | 3.775 | 3.444 | 63.5  | 15.3 | 13.8 |
| 2009 06 28 | 05 49.27 | −38 53.3 | 3.854 | 3.508 | 62.8  | 14.9 | 13.9 |
| 2009 07 08 | 06 00.05 | −38 00.1 | 3.925 | 3.573 | 62.6  | 14.6 | 14.0 |
| 2009 07 18 | 06 09.71 | −37 25.6 | 3.986 | 3.639 | 63.0  | 14.4 | 14.1 |
| 2009 07 28 | 06 18.22 | −37 08.7 | 4.036 | 3.707 | 64.1  | 14.3 | 14.2 |
| 2009 08 07 | 06 25.49 | −37 07.7 | 4.074 | 3.775 | 65.8  | 14.2 | 14.3 |
| 2009 08 17 | 06 31.44 | −37 20.9 | 4.101 | 3.843 | 68.3  | 14.2 | 14.4 |
| 2009 08 27 | 06 35.93 | −37 46.9 | 4.117 | 3.913 | 71.4  | 14.2 | 14.5 |
| 2009 09 06 | 06 38.79 | −38 23.3 | 4.123 | 3.983 | 75.0  | 14.1 | 14.6 |
| 2009 09 16 | 06 39.86 | −39 07.9 | 4.120 | 4.054 | 79.2  | 14.1 | 14.7 |
| 2009 09 26 | 06 38.95 | −39 57.8 | 4.111 | 4.126 | 83.8  | 14.0 | 14.7 |
| 2009 10 06 | 06 35.89 | −40 49.2 | 4.098 | 4.198 | 88.8  | 13.8 | 14.8 |
| 2009 10 16 | 06 30.57 | −41 38.0 | 4.085 | 4.270 | 93.9  | 13.5 | 14.9 |
| 2009 10 26 | 06 22.93 | −42 19.2 | 4.075 | 4.343 | 99.0  | 13.1 | 14.9 |
| 2009 11 05 | 06 13.12 | −42 47.1 | 4.071 | 4.416 | 104.0 | 12.6 | 15.0 |
| 2009 11 15 | 06 01.47 | −42 56.5 | 4.079 | 4.490 | 108.4 | 12.1 | 15.1 |
| 2009 11 25 | 05 48.51 | −42 42.7 | 4.100 | 4.564 | 112.1 | 11.6 | 15.2 |
| 2009 12 05 | 05 35.00 | −42 02.7 | 4.140 | 4.638 | 114.6 | 11.1 | 15.2 |
| 2009 12 15 | 05 21.74 | −40 56.2 | 4.200 | 4.712 | 115.8 | 10.8 | 15.3 |
| 2009 12 25 | 05 09.48 | −39 24.7 | 4.281 | 4.786 | 115.4 | 10.7 | 15.5 |
| 2010 01 04 | 04 58.81 | −37 32.5 | 4.384 | 4.861 | 113.5 | 10.7 | 15.6 |
| 2010 01 14 | 04 50.06 | −35 24.7 | 4.509 | 4.935 | 110.2 | 10.8 | 15.7 |
| 2010 01 24 | 04 43.39 | −33 06.9 | 4.653 | 5.010 | 105.7 | 10.9 | 15.8 |
| 2010 02 03 | 04 38.76 | −30 44.7 | 4.814 | 5.085 | 100.3 | 11.0 | 16.0 |
| 2010 02 13 | 04 36.04 | −28 22.5 | 4.989 | 5.160 | 94.4  | 11.0 | 16.1 |
| 2010 02 23 | 04 35.02 | −26 03.9 | 5.174 | 5.234 | 88.1  | 10.9 | 16.3 |
| 2010 03 05 | 04 35.49 | −23 51.6 | 5.364 | 5.309 | 81.5  | 10.6 | 16.4 |
| 2010 03 15 | 04 37.21 | −21 47.4 | 5.557 | 5.384 | 74.9  | 10.3 | 16.5 |

| 183P/Korlević-Jurić |    |                 |                 |          | Elements MPC 58540 |            |        |       |       |
|---------------------|----|-----------------|-----------------|----------|--------------------|------------|--------|-------|-------|
| Date                | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$                | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 11 20          |    | 13 17.96        | −10 34.5        | 4.700    | 3.943              | 36.0       | 8.5    |       | 19.4  |
| 2008 11 30          |    | 13 27.50        | −11 57.3        | 4.606    | 3.948              | 43.4       | 9.9    |       | 19.4  |
| 2008 12 10          |    | 13 36.55        | −13 17.6        | 4.498    | 3.954              | 51.0       | 11.2   |       | 19.4  |
| 2008 12 20          |    | 13 44.99        | −14 34.9        | 4.378    | 3.959              | 58.8       | 12.3   |       | 19.4  |
| 2008 12 30          |    | 13 52.66        | −15 49.1        | 4.247    | 3.965              | 66.8       | 13.2   |       | 19.4  |
| 2009 01 09          |    | 13 59.41        | −16 59.7        | 4.108    | 3.971              | 75.1       | 13.8   |       | 19.4  |
| 2009 01 19          |    | 14 05.06        | −18 06.4        | 3.965    | 3.977              | 83.6       | 14.2   |       | 19.3  |
| 2009 01 29          |    | 14 09.42        | −19 08.7        | 3.819    | 3.983              | 92.4       | 14.3   |       | 19.2  |
| 2009 02 08          |    | 14 12.31        | −20 06.0        | 3.674    | 3.990              | 101.5      | 14.0   |       | 19.1  |
| 2009 02 18          |    | 14 13.58        | −20 57.8        | 3.535    | 3.997              | 110.9      | 13.4   |       | 19.0  |
| 2009 02 28          |    | 14 13.10        | −21 42.9        | 3.406    | 4.004              | 120.7      | 12.3   |       | 18.9  |
| 2009 03 10          |    | 14 10.82        | −22 20.3        | 3.291    | 4.011              | 130.8      | 10.8   |       | 18.8  |
| 2009 03 20          |    | 14 06.84        | −22 49.0        | 3.194    | 4.018              | 141.0      | 9.0    |       | 18.6  |
| 2009 03 30          |    | 14 01.36        | −23 07.9        | 3.121    | 4.026              | 151.3      | 6.8    |       | 18.5  |
| 2009 04 09          |    | 13 54.77        | −23 16.8        | 3.073    | 4.033              | 161.0      | 4.6    |       | 18.4  |
| 2009 04 19          |    | 13 47.58        | −23 16.1        | 3.054    | 4.041              | 167.8      | 3.0    |       | 18.3  |
| 2009 04 29          |    | 13 40.37        | −23 07.4        | 3.064    | 4.049              | 166.3      | 3.4    |       | 18.3  |
| 2009 05 09          |    | 13 33.74        | −22 53.0        | 3.103    | 4.057              | 158.2      | 5.3    |       | 18.4  |
| 2009 05 19          |    | 13 28.16        | −22 36.2        | 3.169    | 4.066              | 148.5      | 7.5    |       | 18.6  |
| 2009 05 29          |    | 13 23.99        | −22 19.9        | 3.259    | 4.074              | 138.5      | 9.5    |       | 18.7  |
| 2009 06 08          |    | 13 21.46        | −22 06.9        | 3.370    | 4.083              | 128.8      | 11.2   |       | 18.9  |
| 2009 06 18          |    | 13 20.62        | −21 59.2        | 3.497    | 4.092              | 119.4      | 12.5   |       | 19.0  |

|            |          |          |       |       |       |      |      |
|------------|----------|----------|-------|-------|-------|------|------|
| 2009 06 28 | 13 21.45 | −21 58.3 | 3.636 | 4.101 | 110.3 | 13.4 | 19.1 |
| 2009 07 08 | 13 23.86 | −22 04.7 | 3.784 | 4.110 | 101.5 | 14.0 | 19.3 |
| 2009 07 18 | 13 27.73 | −22 18.4 | 3.936 | 4.119 | 93.1  | 14.3 | 19.4 |
| 2009 07 28 | 13 32.91 | −22 39.4 | 4.090 | 4.128 | 85.0  | 14.2 | 19.4 |
| 2009 08 07 | 13 39.26 | −23 07.0 | 4.242 | 4.138 | 77.2  | 13.8 | 19.5 |
| 2009 08 17 | 13 46.65 | −23 40.5 | 4.390 | 4.148 | 69.6  | 13.2 | 19.6 |
| 2009 08 27 | 13 54.98 | −24 19.2 | 4.531 | 4.157 | 62.2  | 12.4 | 19.6 |
| 2009 09 06 | 14 04.11 | −25 02.4 | 4.663 | 4.167 | 55.0  | 11.4 | 19.6 |
| 2009 09 16 | 14 13.97 | −25 49.1 | 4.784 | 4.177 | 47.9  | 10.3 | 19.7 |
| 2009 09 26 | 14 24.46 | −26 38.7 | 4.892 | 4.187 | 41.0  | 9.0  | 19.7 |
| 2009 10 06 | 14 35.50 | −27 30.4 | 4.986 | 4.197 | 34.2  | 7.7  | 19.7 |

| C/2008 H1 (LINEAR) |    |                 |                 | Elements MPC 63137 |       |            |        |       |       |
|--------------------|----|-----------------|-----------------|--------------------|-------|------------|--------|-------|-------|
| Date               | TT | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$           | $r$   | $\epsilon$ | $\phi$ | $m_1$ | $m_2$ |
| 2008 11 30         |    | 14 41.80        | +02 14.0        | 4.507              | 3.739 | 34.7       | 8.6    | 19.5  |       |
| 2008 12 10         |    | 14 48.21        | +00 45.8        | 4.482              | 3.801 | 41.5       | 9.9    | 19.6  |       |
| 2008 12 20         |    | 14 53.90        | −00 34.5        | 4.438              | 3.865 | 49.0       | 11.1   | 19.6  |       |
| 2008 12 30         |    | 14 58.72        | −01 47.5        | 4.377              | 3.929 | 57.0       | 12.1   | 19.6  |       |
| 2009 01 09         |    | 15 02.49        | −02 53.8        | 4.301              | 3.994 | 65.5       | 12.9   | 19.7  |       |
| 2009 01 19         |    | 15 05.04        | −03 53.8        | 4.213              | 4.060 | 74.4       | 13.5   | 19.7  |       |
| 2009 01 29         |    | 15 06.20        | −04 48.3        | 4.116              | 4.126 | 83.7       | 13.7   | 19.7  |       |
| 2009 02 08         |    | 15 05.78        | −05 37.7        | 4.015              | 4.193 | 93.5       | 13.6   | 19.7  |       |
| 2009 02 18         |    | 15 03.65        | −06 22.6        | 3.915              | 4.260 | 103.8      | 13.0   | 19.8  |       |
| 2009 02 28         |    | 14 59.70        | −07 03.5        | 3.823              | 4.328 | 114.5      | 12.0   | 19.8  |       |
| 2009 03 10         |    | 14 53.92        | −07 40.8        | 3.743              | 4.396 | 125.6      | 10.6   | 19.8  |       |
| 2009 03 20         |    | 14 46.43        | −08 14.9        | 3.683              | 4.465 | 137.1      | 8.7    | 19.8  |       |
| 2009 03 30         |    | 14 37.46        | −08 46.2        | 3.648              | 4.533 | 149.0      | 6.5    | 19.9  |       |
| 2009 04 09         |    | 14 27.41        | −09 15.1        | 3.644              | 4.602 | 160.9      | 4.1    | 19.9  |       |
| 2009 04 19         |    | 14 16.81        | −09 42.1        | 3.673              | 4.671 | 172.7      | 1.6    | 20.0  |       |
| 2009 04 29         |    | 14 06.21        | −10 07.9        | 3.739              | 4.741 | 173.7      | 1.3    | 20.1  |       |
| 2009 05 09         |    | 13 56.20        | −10 33.3        | 3.839              | 4.810 | 162.3      | 3.7    | 20.2  |       |
| 2009 05 19         |    | 13 47.21        | −10 59.3        | 3.972              | 4.880 | 150.8      | 5.8    | 20.4  |       |
| 2009 05 29         |    | 13 39.57        | −11 26.8        | 4.135              | 4.950 | 139.6      | 7.6    | 20.5  |       |
| 2009 06 08         |    | 13 33.48        | −11 56.5        | 4.322              | 5.020 | 128.8      | 9.1    | 20.7  |       |
| 2009 06 18         |    | 13 28.97        | −12 28.9        | 4.528              | 5.090 | 118.4      | 10.1   | 20.8  |       |
| 2009 06 28         |    | 13 26.01        | −13 04.4        | 4.749              | 5.160 | 108.4      | 10.8   | 21.0  |       |

## OPPOSITION DATA

| Planet                 | Opposition   | $\alpha_{2000}$ | $\delta_{2000}$ | $V$  | $\dot{\alpha}$ | $\dot{\delta}$ | $\phi_{\text{MIN}}$ | Ref.  |
|------------------------|--------------|-----------------|-----------------|------|----------------|----------------|---------------------|-------|
| 2003 UV <sub>168</sub> | 2008 09 03.0 | 22 48.96        | −20 03.7        | 18.9 | −0.81          | − 3.1          | 4.3/30.0            | 43189 |
| 2005 UB <sub>409</sub> | 2008 09 03.0 | 22 48.98        | −07 48.3        | 20.7 | −0.94          | − 6.9          | 0.1/02.9            | 19229 |
| 2007 EE <sub>196</sub> | 2008 09 03.0 | 22 48.99        | −03 26.9        | 20.0 | −0.85          | − 7.1          | 1.6/04.4            | 43277 |
| 1990 WQ                | 2008 09 03.0 | 22 49.01        | −24 43.6        | 18.8 | −0.79          | − 7.3          | 7.8/27.4            | 43091 |
| 1995 DS <sub>7</sub>   | 2008 09 03.0 | 22 49.02        | −10 57.8        | 21.1 | −0.76          | − 3.8          | 0.9/01.9            | 22655 |
| 2001 UX <sub>177</sub> | 2008 09 03.0 | 22 49.03        | −14 01.2        | 19.7 | −0.97          | − 5.6          | 2.6/32.0            | 20751 |
| 2003 OE <sub>33</sub>  | 2008 09 03.0 | 22 49.03        | +08 59.7        | 19.2 | −0.77          | − 4.7          | 5.7/08.7            | 20311 |
| 2000 YJ <sub>15</sub>  | 2008 09 03.0 | 22 49.05        | +17 57.3        | 19.9 | −0.53          | − 1.5          | 4.3/12.1            | 41762 |
| 2003 UR <sub>198</sub> | 2008 09 03.0 | 22 49.08        | −11 17.0        | 19.5 | −0.77          | − 5.3          | 1.2/01.8            | 41802 |
| 2005 NO <sub>20</sub>  | 2008 09 03.0 | 22 49.08        | +18 19.6        | 19.6 | −1.38          | + 1.6          | 11.7/09.3           | 43232 |
| 2007 ET <sub>116</sub> | 2008 09 03.0 | 22 49.09        | −09 43.9        | 20.4 | −0.85          | − 6.9          | 0.7/02.3            | 22882 |
| 2003 UN <sub>139</sub> | 2008 09 03.0 | 22 49.10        | −32 20.2        | 19.8 | −0.89          | − 2.1          | 8.6/26.0            | 41801 |
| 2007 GJ <sub>33</sub>  | 2008 09 03.0 | 22 49.13        | −06 04.9        | 20.7 | −0.77          | − 5.4          | 0.5/03.5            | 43279 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 RM <sub>231</sub> | 2008 09 03.0 | 22 49.13 -01 00.9 21.0 | -0.81 - 6.8 | 2.0/05.2  | 41814 |
| 2005 YE <sub>205</sub> | 2008 09 03.0 | 22 49.14 -06 47.1 20.5 | -0.92 - 5.3 | 0.3/03.3  | 43249 |
| 2003 UT <sub>141</sub> | 2008 09 03.0 | 22 49.14 -05 24.4 19.4 | -0.68 - 8.4 | 0.7/03.8  | 43188 |
| 2006 AA <sub>45</sub>  | 2008 09 03.0 | 22 49.17 -34 00.7 19.6 | -0.94 - 4.3 | 8.9/24.8  | 43251 |
| 2004 GR <sub>41</sub>  | 2008 09 03.0 | 22 49.17 -21 57.1 19.6 | -1.02 - 5.8 | 5.7/29.5  | 18070 |
| 2003 WR <sub>64</sub>  | 2008 09 03.0 | 22 49.26 -12 47.5 18.3 | -0.74 - 4.9 | 2.2/01.3  | 42682 |
| 1999 WG <sub>17</sub>  | 2008 09 03.0 | 22 49.27 -18 52.9 19.8 | -0.90 - 3.8 | 3.7/30.5  | 01988 |
| 2004 RE <sub>337</sub> | 2008 09 03.0 | 22 49.27 -07 13.2 19.0 | -0.76 - 3.2 | 0.1/03.2  | 42716 |
| 2005 UK <sub>461</sub> | 2008 09 03.0 | 22 49.27 -12 25.5 21.5 | -0.95 - 5.0 | 1.7/01.6  | 97954 |
| 2007 CL <sub>5</sub>   | 2008 09 03.0 | 22 49.29 -03 26.8 20.5 | -1.11 - 3.0 | 1.7/04.2  | 38127 |
| 2003 UZ <sub>195</sub> | 2008 09 03.0 | 22 49.30 -17 28.4 19.2 | -0.77 - 4.4 | 3.2/30.8  | 43190 |
| 1999 RY <sub>187</sub> | 2008 09 03.0 | 22 49.37 -07 26.0 18.6 | -0.85 - 2.9 | 0.0/03.1  | 42574 |
| 2004 RE <sub>203</sub> | 2008 09 03.1 | 22 49.32 -09 44.6 20.7 | -0.88 - 5.0 | 0.8/02.4  | 41813 |
| 2005 WU <sub>93</sub>  | 2008 09 03.1 | 22 49.33 -11 55.0 20.4 | -0.96 - 5.1 | 1.6/01.8  | 43244 |
| 2004 NZ <sub>5</sub>   | 2008 09 03.1 | 22 49.36 -12 10.0 18.9 | -0.80 - 9.1 | 2.0/01.5  | 43202 |
| 2003 UX <sub>225</sub> | 2008 09 03.1 | 22 49.39 -02 20.8 19.2 | -0.75 - 4.2 | 1.7/04.8  | 43191 |
| 2007 EL <sub>131</sub> | 2008 09 03.1 | 22 49.41 -06 55.2 21.1 | -0.87 - 6.0 | 0.2/03.3  | 43276 |
| 2003 TN <sub>39</sub>  | 2008 09 03.1 | 22 49.42 +05 44.0 21.1 | -0.72 - 4.9 | 3.8/07.6  | 86128 |
| 2006 EE <sub>67</sub>  | 2008 09 03.1 | 22 49.45 -09 25.2 20.2 | -0.68 - 7.6 | 0.6/02.4  | 43265 |
| 2004 RH <sub>178</sub> | 2008 09 03.1 | 22 49.47 +03 21.4 19.1 | -1.05 + 1.1 | 4.9/05.8  | 43210 |
| 2007 EV <sub>70</sub>  | 2008 09 03.1 | 22 49.49 -09 47.3 20.0 | -0.92 - 7.8 | 0.9/02.4  | 43275 |
| 2003 SZ <sub>258</sub> | 2008 09 03.1 | 22 49.50 -20 49.8 19.1 | -0.86 - 2.2 | 4.1/30.1  | 43182 |
| 2004 GF <sub>79</sub>  | 2008 09 03.1 | 22 49.52 +01 40.6 19.6 | -1.03 - 5.1 | 3.7/05.9  | 18070 |
| 2001 QH <sub>276</sub> | 2008 09 03.1 | 22 49.55 -21 13.4 18.5 | -0.95 - 2.8 | 6.8/30.0  | 43124 |
| 2004 JM <sub>12</sub>  | 2008 09 03.1 | 22 49.57 -61 15.7 19.0 | -1.28 + 0.7 | 23.2/19.0 | 95217 |
| 2003 HA <sub>31</sub>  | 2008 09 03.1 | 22 49.59 -13 11.1 20.8 | -0.91 - 4.6 | 2.0/01.4  | 19599 |
| 2002 GG <sub>138</sub> | 2008 09 03.1 | 22 49.59 -20 03.4 20.0 | -0.90 - 3.1 | 3.9/30.3  | 43153 |
| 1995 SK <sub>59</sub>  | 2008 09 03.1 | 22 49.60 -14 19.9 21.2 | -0.88 - 4.1 | 2.3/01.1  | 73926 |
| 2005 UR <sub>346</sub> | 2008 09 03.1 | 22 49.64 -02 03.8 20.7 | -0.91 - 5.9 | 1.9/04.9  | 43240 |
| 2006 BS <sub>158</sub> | 2008 09 03.1 | 22 49.65 -13 53.0 18.9 | -0.85 - 4.4 | 3.0/01.2  | 43255 |
| 2002 CY <sub>30</sub>  | 2008 09 03.1 | 22 49.66 -13 13.9 19.8 | -1.00 - 3.3 | 2.3/01.5  | 00151 |
| 2006 DK <sub>161</sub> | 2008 09 03.1 | 22 49.67 -06 45.2 20.6 | -0.78 - 5.5 | 0.2/03.4  | 43263 |
| 2003 UR <sub>40</sub>  | 2008 09 03.1 | 22 49.71 +22 43.7 18.8 | -0.68 - 6.4 | 9.8/15.5  | 43186 |
| 2006 DR <sub>30</sub>  | 2008 09 03.1 | 22 49.72 -03 50.2 19.6 | -0.73 -10.1 | 1.3/04.5  | 43259 |
| 2006 DN <sub>23</sub>  | 2008 09 03.2 | 22 49.69 -11 12.5 20.3 | -0.84 - 2.5 | 1.2/02.1  | 01337 |
| 2001 SM <sub>257</sub> | 2008 09 03.2 | 22 49.69 -12 33.8 18.6 | -0.89 - 5.1 | 2.4/01.6  | 43129 |
| 2008 QH <sub>12</sub>  | 2008 09 03.2 | 22 49.70 -06 18.4 18.6 | -0.80 - 5.3 | 0.6/03.6  | 43000 |
| 2003 SP <sub>173</sub> | 2008 09 03.2 | 22 49.71 +03 08.4 19.4 | -0.70 - 7.2 | 3.5/07.0  | 42650 |
| 2007 FP <sub>26</sub>  | 2008 09 03.2 | 22 49.72 -07 41.3 20.6 | -0.89 - 5.1 | 0.1/03.1  | 41869 |
| 2002 EZ <sub>141</sub> | 2008 09 03.2 | 22 49.73 -10 33.5 19.7 | -0.90 - 3.2 | 1.1/02.3  | 41096 |
| 2006 ED <sub>73</sub>  | 2008 09 03.2 | 22 49.73 -17 41.5 21.6 | -0.84 - 2.4 | 2.8/31.1  | 41847 |
| 1999 VB <sub>213</sub> | 2008 09 03.2 | 22 49.78 -05 50.0 20.4 | -0.79 - 5.3 | 0.6/03.8  | 43101 |
| 2003 UM <sub>94</sub>  | 2008 09 03.2 | 22 49.78 -17 06.8 19.9 | -0.85 - 2.7 | 3.2/31.3  | 00614 |
| 1995 SH <sub>17</sub>  | 2008 09 03.2 | 22 49.82 -04 26.3 19.9 | -0.79 - 8.0 | 1.0/04.3  | 20725 |
| 2005 VO <sub>89</sub>  | 2008 09 03.2 | 22 49.82 -16 41.1 20.0 | -0.89 - 7.0 | 4.0/31.2  | 14773 |
| 2004 RS <sub>319</sub> | 2008 09 03.2 | 22 49.85 +01 49.4 18.9 | -0.96 - 2.3 | 3.5/05.9  | 43212 |
| 2005 YW <sub>143</sub> | 2008 09 03.2 | 22 49.89 -11 30.8 20.7 | -0.92 - 6.1 | 1.6/02.0  | 98057 |
| 2003 QJ <sub>31</sub>  | 2008 09 03.2 | 22 49.90 +00 36.6 19.2 | -0.71 - 8.0 | 2.8/06.2  | 43174 |
| 2007 CU <sub>35</sub>  | 2008 09 03.2 | 22 49.91 -07 15.2 21.5 | -1.02 - 5.6 | 0.1/03.3  | 20848 |
| 2000 XT <sub>23</sub>  | 2008 09 03.2 | 22 49.91 -10 46.0 20.2 | -1.00 - 4.1 | 1.3/02.3  | 74060 |
| 2006 BR <sub>180</sub> | 2008 09 03.2 | 22 49.92 -15 12.5 19.7 | -0.73 - 7.7 | 2.5/31.5  | 21356 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 AW <sub>55</sub>  | 2008 09 03.2 | 22 49.92 -00 12.0 20.5 | -0.90 - 3.9 | 2.5/05.5  | 43143 |
| 2006 BB <sub>54</sub>  | 2008 09 03.2 | 22 49.93 -09 14.4 20.9 | -0.71 - 5.3 | 0.5/02.7  | 02273 |
| 2002 CU <sub>91</sub>  | 2008 09 03.2 | 22 50.03 -05 06.5 19.7 | -0.98 - 1.1 | 0.8/03.9  | 43146 |
| 2004 RW <sub>217</sub> | 2008 09 03.2 | 22 50.07 +12 29.6 18.8 | -0.82 - 4.2 | 8.1/10.0  | 43210 |
| 2000 ST <sub>233</sub> | 2008 09 03.2 | 22 50.07 -20 57.9 19.7 | -1.03 - 5.9 | 5.2/29.8  | 43110 |
| 2006 BF <sub>10</sub>  | 2008 09 03.2 | 22 50.08 -06 22.8 20.0 | -0.81 - 4.2 | 0.3/03.6  | 43252 |
| 2005 UA <sub>69</sub>  | 2008 09 03.2 | 22 50.09 +03 48.2 19.0 | -0.86 - 7.1 | 5.4/07.1  | 42774 |
| 2005 WT <sub>6</sub>   | 2008 09 03.2 | 22 50.11 -09 24.4 20.5 | -1.01 - 5.8 | 0.9/02.7  | 97977 |
| 2003 SN <sub>109</sub> | 2008 09 03.2 | 22 50.12 -12 50.4 18.0 | -1.00 + 1.0 | 2.0/02.0  | 43178 |
| 2003 UV <sub>205</sub> | 2008 09 03.3 | 22 50.03 +21 12.9 19.4 | -0.76 - 3.6 | 9.7/13.2  | 58026 |
| 2005 YV <sub>62</sub>  | 2008 09 03.3 | 22 50.04 +01 41.0 20.7 | -0.97 - 3.1 | 3.9/05.9  | 42788 |
| 2003 SA <sub>86</sub>  | 2008 09 03.3 | 22 50.05 +03 47.0 19.6 | -0.74 - 6.3 | 3.5/07.1  | 43177 |
| 2006 BQ <sub>68</sub>  | 2008 09 03.3 | 22 50.05 -09 36.3 20.3 | -0.83 - 4.9 | 0.8/02.6  | 41841 |
| 2001 UQ <sub>72</sub>  | 2008 09 03.3 | 22 50.06 -26 57.5 19.3 | -0.97 - 7.7 | 7.1/27.3  | 43133 |
| 2007 EB <sub>120</sub> | 2008 09 03.3 | 22 50.11 -24 48.5 19.3 | -0.86 - 1.5 | 6.5/29.1  | 43276 |
| 2002 CY <sub>67</sub>  | 2008 09 03.3 | 22 50.13 +02 37.4 19.6 | -1.02 - 0.6 | 3.6/06.0  | 42606 |
| 2003 TA <sub>5</sub>   | 2008 09 03.3 | 22 50.14 +05 59.0 18.9 | -0.71 - 5.9 | 4.3/08.0  | 43184 |
| 2001 QT <sub>155</sub> | 2008 09 03.3 | 22 50.15 -04 07.2 18.2 | -0.68 - 6.4 | 1.7/04.5  | 43123 |
| 2005 UY <sub>106</sub> | 2008 09 03.3 | 22 50.15 -21 42.1 19.6 | -0.99 - 4.5 | 5.7/29.9  | 43237 |
| 2002 AW <sub>63</sub>  | 2008 09 03.3 | 22 50.16 -00 25.9 20.2 | -0.90 - 2.8 | 2.1/05.4  | 43143 |
| 2005 CD <sub>55</sub>  | 2008 09 03.3 | 22 50.19 -11 14.1 20.2 | -0.77 - 4.7 | 1.3/02.1  | 09115 |
| 2006 AN <sub>84</sub>  | 2008 09 03.3 | 22 50.40 -12 25.1 21.6 | -0.88 - 4.5 | 1.5/01.8  | 98087 |
| 2007 EU <sub>184</sub> | 2008 09 03.3 | 22 50.40 +01 17.0 19.8 | -1.02 - 4.6 | 3.4/06.0  | 17849 |
| 2003 UN <sub>215</sub> | 2008 09 03.3 | 22 50.41 +06 41.0 19.8 | -0.67 - 7.1 | 3.9/08.5  | 43190 |
| 1998 SN <sub>80</sub>  | 2008 09 03.3 | 22 50.41 -00 34.6 17.9 | -0.96 - 1.8 | 3.4/05.3  | 43095 |
| 2000 AD <sub>207</sub> | 2008 09 03.3 | 22 50.42 +02 52.3 19.4 | -0.80 - 3.3 | 3.2/06.6  | 43102 |
| 2000 FZ <sub>13</sub>  | 2008 09 03.3 | 22 50.43 -00 32.8 18.4 | -0.71 -10.2 | 3.3/06.0  | 43104 |
| 2003 SF <sub>271</sub> | 2008 09 03.3 | 22 50.44 -16 12.2 19.0 | -0.70 - 8.0 | 2.8/31.2  | 43182 |
| 1995 SW <sub>14</sub>  | 2008 09 03.3 | 22 50.45 -01 15.3 19.6 | -0.70 -11.6 | 2.3/05.8  | 31806 |
| 1999 VO <sub>16</sub>  | 2008 09 03.4 | 22 50.42 -11 20.7 18.3 | -0.85 - 2.4 | 1.7/02.2  | 43100 |
| 2004 TB <sub>290</sub> | 2008 09 03.4 | 22 50.47 -06 51.0 20.2 | -0.88 - 3.8 | 0.2/03.6  | 43219 |
| 2007 EC <sub>7</sub>   | 2008 09 03.4 | 22 50.47 -07 44.4 20.7 | -0.91 - 6.2 | 0.1/03.3  | 41864 |
| 2004 VY <sub>23</sub>  | 2008 09 03.4 | 22 50.48 -14 55.0 19.0 | -0.76 -11.2 | 2.8/31.5  | 43222 |
| 2007 DA <sub>23</sub>  | 2008 09 03.4 | 22 50.49 -06 26.1 20.5 | -0.91 - 6.0 | 0.4/03.7  | 43273 |
| 2007 CX <sub>40</sub>  | 2008 09 03.4 | 22 50.52 -04 25.6 20.6 | -1.03 - 4.3 | 1.1/04.3  | 41861 |
| 2005 YW <sub>38</sub>  | 2008 09 03.4 | 22 50.53 -08 58.5 20.5 | -0.93 - 5.2 | 0.6/02.9  | 43247 |
| 2001 UT <sub>227</sub> | 2008 09 03.4 | 22 50.53 -04 19.0 20.9 | -0.94 - 5.5 | 1.1/04.4  | 43135 |
| 2004 BG <sub>83</sub>  | 2008 09 03.4 | 22 50.57 -16 44.9 21.1 | -1.03 - 6.8 | 3.2/31.5  | 43198 |
| 2008 PA <sub>2</sub>   | 2008 09 03.4 | 22 50.57 -18 46.2 18.4 | -0.67 - 5.6 | 5.6/30.3  | 42984 |
| 2002 UT <sub>51</sub>  | 2008 09 03.4 | 22 50.62 +08 38.9 20.9 | -0.69 - 4.8 | 4.3/09.0  | 02139 |
| 2006 BN <sub>73</sub>  | 2008 09 03.4 | 22 50.63 -12 31.9 20.1 | -0.83 - 4.6 | 1.7/01.8  | 43253 |
| 2001 OG <sub>101</sub> | 2008 09 03.4 | 22 50.63 +03 39.8 17.7 | -0.60 - 9.9 | 5.6/08.0  | 43121 |
| 2002 AW <sub>139</sub> | 2008 09 03.4 | 22 50.63 -33 03.3 20.8 | -0.98 - 7.1 | 9.9/24.7  | 20758 |
| 2007 HK <sub>36</sub>  | 2008 09 03.4 | 22 50.64 -04 37.2 20.5 | -0.77 - 5.0 | 0.9/04.4  | 43281 |
| 1999 TH <sub>307</sub> | 2008 09 03.4 | 22 50.64 +08 56.1 19.2 | -0.70 - 8.3 | 6.2/09.6  | 43100 |
| 2000 UD <sub>22</sub>  | 2008 09 03.4 | 22 50.65 -20 24.7 18.7 | -0.85 - 5.8 | 5.7/30.0  | 43112 |
| 2001 VA <sub>105</sub> | 2008 09 03.4 | 22 50.66 -11 14.2 20.2 | -0.93 - 5.1 | 1.3/02.3  | 94280 |
| 2000 AC <sub>145</sub> | 2008 09 03.4 | 22 50.67 +44 57.8 18.2 | -0.63 + 1.9 | 23.4/28.0 | 41753 |
| 2006 FJ <sub>50</sub>  | 2008 09 03.4 | 22 50.78 -43 15.3 21.7 | -0.90 - 2.6 | 7.9/21.5  | 34921 |
| 2006 BF <sub>34</sub>  | 2008 09 03.4 | 22 50.78 -10 51.3 19.6 | -0.75 - 8.9 | 1.1/02.2  | 43253 |
| 2005 VT <sub>30</sub>  | 2008 09 03.4 | 22 50.80 -12 34.5 20.9 | -0.95 - 6.2 | 1.9/01.8  | 20823 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 WF <sub>109</sub> | 2008 09 03.4 | 22 50.84 +02 14.1 20.2 | -0.94 - 5.9 | 4.0/06.5  | 42784 |
| 2007 CV <sub>5</sub>   | 2008 09 03.4 | 22 50.85 -28 47.4 19.7 | -1.38 + 0.3 | 9.1/29.3  | 22872 |
| 2006 DH <sub>124</sub> | 2008 09 03.5 | 22 50.79 -05 53.9 19.9 | -0.80 - 4.6 | 0.5/04.0  | 43262 |
| 2006 BL <sub>158</sub> | 2008 09 03.5 | 22 50.82 -08 44.2 20.1 | -0.83 - 6.5 | 0.5/03.1  | 43255 |
| 2001 TZ <sub>92</sub>  | 2008 09 03.5 | 22 50.83 -01 11.5 19.7 | -0.96 - 5.0 | 2.7/05.4  | 43131 |
| 2000 SB <sub>313</sub> | 2008 09 03.5 | 22 50.83 +19 42.4 18.4 | -0.79 - 3.5 | 11.9/13.4 | 43111 |
| 1999 GD <sub>7</sub>   | 2008 09 03.5 | 22 50.85 -07 15.1 19.6 | -0.84 - 8.4 | 0.0/03.6  | 42573 |
| 1999 VU <sub>39</sub>  | 2008 09 03.5 | 22 50.85 -02 41.6 19.6 | -0.77 - 6.3 | 1.6/05.1  | 43101 |
| 2006 DK <sub>23</sub>  | 2008 09 03.5 | 22 50.87 -09 54.6 20.6 | -0.77 - 4.9 | 0.8/02.7  | 11159 |
| 2005 EN <sub>2</sub>   | 2008 09 03.5 | 22 50.90 +01 27.8 19.8 | -0.82 - 2.4 | 2.7/06.1  | 43230 |
| 2006 BD <sub>71</sub>  | 2008 09 03.5 | 22 50.91 -20 49.6 20.1 | -0.76 - 6.0 | 4.2/29.9  | 21354 |
| 2001 XV <sub>147</sub> | 2008 09 03.5 | 22 50.91 -01 44.7 19.4 | -0.90 - 5.9 | 2.3/05.3  | 43140 |
| 1994 SM <sub>1</sub>   | 2008 09 03.5 | 22 50.93 -15 16.1 20.0 | -1.03 - 3.6 | 3.2/01.3  | 19508 |
| 2005 TW <sub>81</sub>  | 2008 09 03.5 | 22 50.93 -09 48.8 19.6 | -1.07 - 3.6 | 1.0/02.8  | 43235 |
| 2003 SJ <sub>34</sub>  | 2008 09 03.5 | 22 50.95 -04 15.2 20.0 | -0.71 - 8.1 | 1.1/04.6  | 42644 |
| 2006 DR <sub>84</sub>  | 2008 09 03.5 | 22 50.99 -02 23.6 20.5 | -0.69 - 7.0 | 1.4/05.3  | 43261 |
| 2006 DQ <sub>48</sub>  | 2008 09 03.5 | 22 50.99 -14 54.4 20.9 | -0.84 - 1.7 | 2.0/01.4  | 02291 |
| 2005 BK <sub>23</sub>  | 2008 09 03.5 | 22 51.01 +00 33.6 20.2 | -0.84 - 1.3 | 2.3/05.8  | 43229 |
| 2007 FD <sub>14</sub>  | 2008 09 03.5 | 22 51.04 -26 00.8 19.7 | -1.02 - 0.9 | 6.8/29.4  | 43278 |
| 2000 BJ <sub>9</sub>   | 2008 09 03.5 | 22 51.05 -05 50.4 19.9 | -0.79 - 4.8 | 0.5/04.0  | 6995  |
| 2002 GD <sub>61</sub>  | 2008 09 03.5 | 22 51.07 -15 19.2 20.5 | -0.85 - 4.2 | 2.6/01.1  | 74167 |
| 2006 BF <sub>219</sub> | 2008 09 03.5 | 22 51.07 -01 21.2 21.3 | -0.87 - 4.8 | 1.9/05.4  | 43256 |
| 1999 UO <sub>48</sub>  | 2008 09 03.5 | 22 51.08 -22 10.6 19.0 | -0.84 - 5.4 | 5.2/29.5  | 43100 |
| 2006 ED <sub>43</sub>  | 2008 09 03.5 | 22 51.10 -13 39.8 19.9 | -0.68 - 8.2 | 1.7/01.3  | 43265 |
| 2001 RA <sub>46</sub>  | 2008 09 03.5 | 22 51.11 -10 42.3 18.6 | -0.87 - 7.4 | 1.5/02.4  | 43124 |
| 1999 XB <sub>146</sub> | 2008 09 03.5 | 22 51.14 -12 48.3 21.2 | -0.81 - 4.9 | 1.9/01.8  | 93790 |
| 2003 ST <sub>7</sub>   | 2008 09 03.5 | 22 51.16 -05 37.6 19.2 | -0.87 - 2.1 | 0.5/04.1  | 43176 |
| 2003 EM <sub>5</sub>   | 2008 09 03.5 | 22 51.17 -05 13.8 20.3 | -0.92 - 5.5 | 0.7/04.2  | 43168 |
| 2007 FU <sub>16</sub>  | 2008 09 03.5 | 22 51.18 -07 51.2 19.1 | -0.77 -11.7 | 0.2/03.4  | 42880 |
| 2005 CP <sub>76</sub>  | 2008 09 03.6 | 22 51.18 +01 23.4 20.3 | -0.70 - 5.5 | 2.4/06.6  | 43230 |
| 2005 CN <sub>76</sub>  | 2008 09 03.6 | 22 51.18 +06 15.0 20.4 | -0.92 + 0.3 | 3.7/07.2  | 87652 |
| 2006 BQ <sub>274</sub> | 2008 09 03.6 | 22 51.18 -08 48.8 20.0 | -0.82 - 2.5 | 0.4/03.2  | 43257 |
| 2005 US <sub>16</sub>  | 2008 09 03.6 | 22 51.19 -02 30.7 19.1 | -0.81 - 7.6 | 2.4/05.3  | 43235 |
| 2002 DA <sub>15</sub>  | 2008 09 03.6 | 22 51.24 -09 24.4 19.9 | -0.45 - 4.7 | 0.4/02.9  | 41780 |
| 1994 SS <sub>2</sub>   | 2008 09 03.6 | 22 51.27 -03 35.4 20.5 | -0.79 - 5.2 | 1.2/04.8  | 43091 |
| 2001 SL <sub>145</sub> | 2008 09 03.6 | 22 51.27 -08 01.7 18.1 | -1.05 - 0.9 | 0.3/03.4  | 43127 |
| 2005 VA <sub>114</sub> | 2008 09 03.6 | 22 51.27 -06 23.4 20.9 | -0.91 - 5.5 | 0.3/03.9  | 20824 |
| 2002 CR <sub>35</sub>  | 2008 09 03.6 | 22 51.28 -17 11.8 19.9 | -0.89 - 4.6 | 3.2/31.5  | 94576 |
| 2005 WG <sub>201</sub> | 2008 09 03.6 | 22 51.28 +01 24.6 20.5 | -0.95 - 4.4 | 3.3/06.3  | 98016 |
| 2001 SE <sub>149</sub> | 2008 09 03.6 | 22 51.34 +03 56.8 18.2 | -0.83 - 6.3 | 5.1/07.5  | 43127 |
| 2001 TR <sub>217</sub> | 2008 09 03.6 | 22 51.38 -04 00.4 19.8 | -0.98 - 4.7 | 1.3/04.6  | 43132 |
| 2006 AE <sub>68</sub>  | 2008 09 03.6 | 22 51.38 -08 29.7 20.4 | -0.82 - 6.0 | 0.4/03.3  | 43251 |
| 2003 ST <sub>226</sub> | 2008 09 03.6 | 22 51.44 -08 15.1 18.9 | -0.78 - 3.7 | 0.4/03.4  | 43181 |
| 2001 BX <sub>75</sub>  | 2008 09 03.6 | 22 51.51 -01 36.4 20.4 | -0.76 - 6.3 | 1.6/05.6  | 43118 |
| 2001 TE <sub>110</sub> | 2008 09 03.6 | 22 51.51 -12 40.5 18.4 | -1.02 - 1.8 | 2.4/02.2  | 43131 |
| 2007 EA <sub>210</sub> | 2008 09 03.7 | 22 51.50 -12 31.4 20.8 | -0.99 - 5.2 | 1.9/02.1  | 22884 |
| 2003 FM                | 2008 09 03.7 | 22 51.54 -22 34.0 21.0 | -1.01 - 2.6 | 5.1/30.4  | 18046 |
| 2007 EJ <sub>21</sub>  | 2008 09 03.7 | 22 51.56 -07 14.6 20.2 | -0.88 - 7.3 | 0.0/03.7  | 43274 |
| 2007 HO <sub>45</sub>  | 2008 09 03.7 | 22 51.58 +02 15.3 19.8 | -0.70 - 7.2 | 3.2/07.1  | 43282 |
| 2007 HP <sub>48</sub>  | 2008 09 03.7 | 22 51.59 -14 52.0 20.4 | -0.85 - 4.9 | 2.7/01.3  | 20648 |
| 2001 YT <sub>120</sub> | 2008 09 03.7 | 22 51.59 +30 26.3 17.8 | -1.31 + 9.3 | 18.0/09.4 | 41776 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 RS <sub>341</sub> | 2008 09 03.7 | 22 51.67 -32 20.3 17.8 | -1.10 + 3.2 | 11.9/27.9 | 43212 |
| 2002 CC <sub>93</sub>  | 2008 09 03.7 | 22 51.67 -11 09.8 21.0 | -0.83 - 5.8 | 1.2/02.5  | 20274 |
| 2006 AB <sub>102</sub> | 2008 09 03.7 | 22 51.69 -10 34.3 20.3 | -0.85 - 6.6 | 1.3/02.7  | 41839 |
| 2003 SR <sub>17</sub>  | 2008 09 03.7 | 22 51.71 +01 34.8 19.6 | -0.70 - 7.2 | 2.7/06.9  | 43176 |
| 2004 RU <sub>200</sub> | 2008 09 03.7 | 22 51.72 +02 22.3 17.0 | -0.77 - 0.6 | 4.9/06.6  | 43210 |
| 2002 AB <sub>124</sub> | 2008 09 03.7 | 22 51.73 -01 36.8 18.0 | -1.08 + 0.2 | 2.6/05.1  | 43144 |
| 1999 XN <sub>223</sub> | 2008 09 03.7 | 22 51.76 -21 31.7 20.6 | -0.76 - 5.9 | 4.2/29.8  | 99931 |
| 2002 KO <sub>11</sub>  | 2008 09 03.7 | 22 51.78 +32 14.0 18.5 | -1.03 - 5.4 | 17.4/20.9 | 43155 |
| 2003 SE <sub>188</sub> | 2008 09 03.7 | 22 51.79 -23 59.4 19.0 | -0.82 - 3.9 | 5.4/29.2  | 43180 |
| 2003 BC <sub>25</sub>  | 2008 09 03.7 | 22 51.80 +03 59.4 19.9 | -0.90 - 6.4 | 3.8/07.4  | 43167 |
| 1998 SO <sub>119</sub> | 2008 09 03.7 | 22 51.82 -12 00.3 18.4 | -0.78 - 4.7 | 1.8/02.2  | 43095 |
| 2003 SQ <sub>194</sub> | 2008 09 03.7 | 22 51.83 -06 50.5 19.0 | -0.87 - 1.5 | 0.1/03.9  | 42650 |
| 2001 UH <sub>90</sub>  | 2008 09 03.7 | 22 51.84 -09 37.1 21.0 | -0.91 - 6.7 | 0.9/03.0  | 97493 |
| 2005 UJ <sub>221</sub> | 2008 09 03.7 | 22 51.84 -14 50.9 21.1 | -1.04 - 3.4 | 3.0/01.6  | 19663 |
| 2007 LO <sub>9</sub>   | 2008 09 03.7 | 22 51.91 -28 57.6 19.2 | -0.90 - 6.5 | 7.9/26.8  | 21707 |
| 2003 FP <sub>71</sub>  | 2008 09 03.8 | 22 51.86 -19 09.8 20.3 | -0.53 - 2.1 | 2.1/30.8  | 10972 |
| 2004 RZ <sub>254</sub> | 2008 09 03.8 | 22 51.86 -17 02.0 19.3 | -0.77 -11.4 | 3.6/31.1  | 43211 |
| 2007 GM <sub>21</sub>  | 2008 09 03.8 | 22 51.90 +01 27.8 20.6 | -0.89 - 7.2 | 3.4/06.7  | 42881 |
| 2002 BL <sub>31</sub>  | 2008 09 03.8 | 22 51.90 -15 10.9 20.9 | -0.47 - 2.9 | 1.3/01.0  | 24344 |
| 2005 YC <sub>270</sub> | 2008 09 03.8 | 22 51.90 +05 46.0 20.3 | -0.80 - 2.6 | 3.5/08.0  | 96870 |
| 2003 SU <sub>306</sub> | 2008 09 03.8 | 22 51.94 +09 03.8 20.0 | -0.72 - 5.1 | 4.9/09.4  | 43183 |
| 2004 RW <sub>244</sub> | 2008 09 03.8 | 22 51.94 -10 29.3 19.6 | -0.89 - 4.7 | 1.3/02.8  | 20800 |
| 2003 WH <sub>161</sub> | 2008 09 03.8 | 22 51.97 -13 35.0 19.7 | -0.74 - 4.7 | 2.2/01.7  | 42684 |
| 1999 UR <sub>60</sub>  | 2008 09 03.8 | 22 51.97 +11 54.1 17.9 | -1.02 + 8.4 | 10.2/07.1 | 43100 |
| 2005 UT <sub>152</sub> | 2008 09 03.8 | 22 51.99 -19 38.5 20.4 | -1.02 - 4.2 | 4.7/31.1  | 20820 |
| 2005 YC <sub>211</sub> | 2008 09 03.8 | 22 51.99 +09 35.9 20.0 | -0.93 - 2.1 | 5.6/08.8  | 98068 |
| 2001 EV <sub>23</sub>  | 2008 09 03.8 | 22 52.00 -06 38.9 21.3 | -0.74 - 4.6 | 0.1/04.0  | 43119 |
| 2000 UT <sub>33</sub>  | 2008 09 03.8 | 22 52.04 -31 56.3 19.5 | -1.02 - 3.2 | 10.3/26.2 | 74843 |
| 2007 DE <sub>17</sub>  | 2008 09 03.8 | 22 52.08 -15 03.2 18.6 | -0.87 - 6.7 | 3.9/01.3  | 43273 |
| 2005 UL <sub>251</sub> | 2008 09 03.8 | 22 52.11 -09 38.1 19.4 | -1.03 - 4.2 | 1.0/03.2  | 19663 |
| 2006 BV <sub>51</sub>  | 2008 09 03.8 | 22 52.17 -13 55.4 20.1 | -0.81 - 6.4 | 2.2/01.6  | 21354 |
| 2000 DT <sub>105</sub> | 2008 09 03.8 | 22 52.19 -15 02.5 19.7 | -1.03 - 4.1 | 3.0/01.6  | 19521 |
| 2006 AM <sub>77</sub>  | 2008 09 03.8 | 22 52.20 -12 19.1 19.1 | -0.77 - 7.3 | 1.9/02.1  | 43252 |
| 2004 TF <sub>128</sub> | 2008 09 03.8 | 22 52.20 -20 04.4 18.9 | -0.81 - 5.1 | 5.9/30.5  | 43216 |
| 1999 RD <sub>109</sub> | 2008 09 03.8 | 22 52.24 +01 27.1 17.7 | -0.53 -10.1 | 4.0/07.4  | 43097 |
| 2003 YA <sub>1</sub>   | 2008 09 03.8 | 22 52.31 +25 04.7 19.1 | -1.38 + 5.4 | 16.5/11.0 | 42685 |
| 2000 WC <sub>132</sub> | 2008 09 03.9 | 22 52.19 +02 34.1 21.1 | -0.89 - 6.7 | 3.9/07.0  | 72249 |
| 2008 JA <sub>31</sub>  | 2008 09 03.9 | 22 52.20 +14 32.4 18.4 | -0.54 -18.5 | 7.8/14.2  | 42977 |
| 2007 KE <sub>3</sub>   | 2008 09 03.9 | 22 52.23 -10 38.2 21.2 | -0.95 - 6.4 | 1.2/02.8  | 21242 |
| 2008 PU <sub>15</sub>  | 2008 09 03.9 | 22 52.27 -06 08.7 19.6 | -0.89 - 3.7 | 0.5/04.2  | 42991 |
| 2007 EG <sub>79</sub>  | 2008 09 03.9 | 22 52.29 +00 34.6 18.8 | -0.81 - 8.0 | 3.2/06.6  | 43276 |
| 2005 LU <sub>50</sub>  | 2008 09 03.9 | 22 52.31 -09 21.1 19.9 | -0.47 - 4.6 | 0.4/03.1  | 86800 |
| 2000 KD <sub>2</sub>   | 2008 09 03.9 | 22 52.36 -17 51.7 19.5 | -0.88 -12.8 | 3.5/30.9  | 43106 |
| 2006 BL <sub>143</sub> | 2008 09 03.9 | 22 52.38 -07 54.2 20.2 | -0.76 - 7.8 | 0.3/03.7  | 42796 |
| 2006 DO <sub>78</sub>  | 2008 09 03.9 | 22 52.39 -08 41.3 19.6 | -0.85 - 2.0 | 0.5/03.5  | 43261 |
| 2001 TQ <sub>26</sub>  | 2008 09 03.9 | 22 52.43 -15 42.5 18.9 | -1.08 - 0.3 | 3.9/01.8  | 43130 |
| 2003 KO <sub>14</sub>  | 2008 09 03.9 | 22 52.44 -23 40.1 20.1 | -0.83 - 7.7 | 5.7/29.1  | 19601 |
| 1999 AW <sub>11</sub>  | 2008 09 03.9 | 22 52.45 -03 30.9 21.2 | -0.93 - 5.2 | 1.3/05.1  | 20728 |
| 2006 BN <sub>74</sub>  | 2008 09 03.9 | 22 52.45 -17 24.8 20.3 | -0.82 - 5.9 | 3.6/31.5  | 37497 |
| 2004 JE <sub>42</sub>  | 2008 09 03.9 | 22 52.47 -12 34.9 20.0 | -0.90 -10.3 | 2.1/02.1  | 43201 |
| 2002 EJ <sub>11</sub>  | 2008 09 03.9 | 22 52.47 -12 08.2 20.6 | -0.53 - 1.5 | 0.8/02.3  | 48216 |

|                        |              |          |          |      |       |       |           |       |                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 WS <sub>99</sub>  | 2008 09 03.9 | 22 52.47 | -04 05.0 | 19.0 | -0.89 | - 1.2 | 1.0/04.8  | 43194 | 2005 EP <sub>33</sub>  | 2008 09 04.1 | 22 53.14 | -12 21.8 | 20.5 | -0.60 | - 3.5 | 1.1/02.4  | 00925 |
| 2001 RV <sub>47</sub>  | 2008 09 03.9 | 22 52.48 | -03 04.4 | 17.8 | -0.38 | -34.0 | 1.7/06.0  | 43124 | 2003 SF <sub>19</sub>  | 2008 09 04.1 | 22 53.15 | -02 51.3 | 20.5 | -0.72 | - 6.5 | 1.2/05.6  | 02161 |
| 2001 XL <sub>238</sub> | 2008 09 03.9 | 22 52.54 | -09 29.5 | 19.0 | -0.94 | - 5.2 | 0.9/03.3  | 43141 | 1997 EF <sub>21</sub>  | 2008 09 04.1 | 22 53.18 | -03 41.7 | 19.9 | -0.93 | - 1.7 | 1.2/05.1  | 43093 |
| 2006 DY <sub>89</sub>  | 2008 09 03.9 | 22 52.55 | -03 44.9 | 20.2 | -0.68 | - 7.3 | 1.0/05.2  | 43261 | 2001 FS <sub>139</sub> | 2008 09 04.1 | 22 53.18 | -04 25.0 | 19.6 | -0.95 | - 8.7 | 1.1/05.1  | 43120 |
| 2001 SB <sub>168</sub> | 2008 09 03.9 | 22 52.55 | -10 10.6 | 18.8 | -1.04 | - 2.3 | 1.3/03.2  | 19062 | 2006 BP <sub>200</sub> | 2008 09 04.1 | 22 53.20 | -13 52.0 | 20.2 | -0.80 | - 6.1 | 2.3/01.9  | 22536 |
| 2004 TW <sub>324</sub> | 2008 09 03.9 | 22 52.56 | -14 39.9 | 19.9 | -0.94 | - 3.1 | 2.7/01.8  | 43220 | 2004 JT <sub>30</sub>  | 2008 09 04.1 | 22 53.22 | -13 28.8 | 19.4 | -0.92 | - 6.3 | 2.8/02.1  | 43201 |
| 2004 RH <sub>98</sub>  | 2008 09 03.9 | 22 52.58 | +03 48.3 | 19.2 | -0.61 | -15.7 | 4.8/08.8  | 43208 | 2004 RL <sub>114</sub> | 2008 09 04.1 | 22 53.23 | -03 25.2 | 20.3 | -0.88 | - 5.2 | 1.2/05.3  | 43209 |
| 2007 ES <sub>45</sub>  | 2008 09 03.9 | 22 52.63 | -04 50.4 | 22.2 | -0.93 | - 7.1 | 0.8/04.7  | 22880 | 1998 HA <sub>17</sub>  | 2008 09 04.1 | 22 53.27 | -37 08.3 | 20.9 | -1.30 | + 1.2 | 8.6/27.2  | 97335 |
| 2003 UW <sub>73</sub>  | 2008 09 03.9 | 22 52.71 | -46 55.1 | 19.7 | -1.73 | + 5.1 | 18.8/25.4 | 10995 | 2001 SA <sub>78</sub>  | 2008 09 04.1 | 22 53.27 | -06 54.7 | 19.3 | -0.98 | - 4.8 | 0.1/04.2  | 43126 |
| 2005 SL <sub>100</sub> | 2008 09 04.0 | 22 52.57 | -03 05.9 | 20.5 | -0.99 | - 5.5 | 1.6/05.2  | 43233 | 2005 UY <sub>53</sub>  | 2008 09 04.1 | 22 53.28 | -17 30.5 | 20.2 | -1.04 | - 5.2 | 4.2/32.0  | 20819 |
| 2008 QX <sub>8</sub>   | 2008 09 04.0 | 22 52.57 | -07 04.1 | 19.2 | -0.92 | - 2.2 | 0.0/04.0  | 42997 | 2004 TO <sub>339</sub> | 2008 09 04.1 | 22 53.29 | -00 31.0 | 20.0 | -0.80 | - 6.0 | 2.1/06.4  | 43220 |
| 2002 CR <sub>241</sub> | 2008 09 04.0 | 22 52.58 | +00 36.5 | 20.6 | -0.90 | - 2.8 | 2.3/06.3  | 02079 | 2002 CT <sub>143</sub> | 2008 09 04.1 | 22 53.29 | -06 40.8 | 20.1 | -0.45 | - 3.5 | 0.1/04.3  | 43147 |
| 2002 CW <sub>35</sub>  | 2008 09 04.0 | 22 52.58 | -17 51.8 | 20.3 | -0.95 | - 3.2 | 3.4/31.8  | 97560 | 1990 XD <sub>1</sub>   | 2008 09 04.1 | 22 53.30 | -57 22.2 | 21.6 | -1.32 | - 3.6 | 15.4/19.0 | 71939 |
| 2003 UQ <sub>193</sub> | 2008 09 04.0 | 22 52.61 | -03 48.6 | 19.7 | -0.75 | - 4.7 | 1.0/05.1  | 43190 | 2002 CG <sub>214</sub> | 2008 09 04.1 | 22 53.31 | -10 07.4 | 21.2 | -0.83 | - 6.6 | 0.9/03.2  | 94635 |
| 2007 HG <sub>41</sub>  | 2008 09 04.0 | 22 52.63 | -26 52.6 | 19.2 | -0.85 | - 3.4 | 7.0/28.5  | 43282 | 2002 FL <sub>37</sub>  | 2008 09 04.1 | 22 53.33 | -22 47.9 | 19.6 | -0.61 | - 0.9 | 2.9/30.2  | 43152 |
| 2005 VT <sub>42</sub>  | 2008 09 04.0 | 22 52.63 | -15 33.0 | 18.5 | -0.77 | - 9.2 | 4.2/31.9  | 43242 | 2004 TW <sub>52</sub>  | 2008 09 04.2 | 22 53.30 | +13 49.9 | 18.5 | -0.53 | -10.6 | 9.6/13.6  | 43215 |
| 2005 US <sub>60</sub>  | 2008 09 04.0 | 22 52.63 | -17 31.8 | 21.2 | -1.01 | - 4.8 | 3.9/31.8  | 22522 | 2005 VX <sub>119</sub> | 2008 09 04.2 | 22 53.32 | +11 37.2 | 18.9 | -1.10 | + 1.7 | 6.8/08.8  | 41833 |
| 2008 QS <sub>6</sub>   | 2008 09 04.0 | 22 52.64 | -05 27.6 | 19.5 | -0.90 | - 2.6 | 0.6/04.5  | 42995 | 2007 EJ <sub>213</sub> | 2008 09 04.2 | 22 53.34 | -09 49.0 | 18.4 | -0.91 | - 3.5 | 1.3/03.4  | 43277 |
| 2006 DS <sub>45</sub>  | 2008 09 04.0 | 22 52.65 | -13 47.6 | 20.2 | -0.91 | - 4.7 | 2.2/02.0  | 01354 | 2004 VU                | 2008 09 04.2 | 22 53.39 | -04 08.5 | 19.0 | -0.76 | - 7.5 | 1.0/05.2  | 43221 |
| 2006 DW <sub>64</sub>  | 2008 09 04.0 | 22 52.65 | -15 37.2 | 19.6 | -0.72 | - 7.1 | 2.7/01.0  | 43261 | 2000 SH <sub>63</sub>  | 2008 09 04.2 | 22 53.40 | -15 07.0 | 18.9 | -0.99 | - 4.1 | 3.3/01.8  | 43109 |
| 2005 XA <sub>58</sub>  | 2008 09 04.0 | 22 52.67 | +06 14.7 | 19.9 | -1.00 | - 3.0 | 5.7/07.9  | 11152 | 2007 LZ <sub>16</sub>  | 2008 09 04.2 | 22 53.41 | +12 48.7 | 19.7 | -0.78 | - 5.6 | 7.5/11.2  | 21254 |
| 2001 SH <sub>230</sub> | 2008 09 04.0 | 22 52.68 | -05 59.7 | 18.2 | -0.76 | - 7.1 | 0.6/04.4  | 43128 | 2003 HG <sub>5</sub>   | 2008 09 04.2 | 22 53.45 | -15 19.5 | 20.0 | -0.89 | - 5.0 | 3.0/01.7  | 19599 |
| 2002 CL <sub>55</sub>  | 2008 09 04.0 | 22 52.80 | -03 18.4 | 21.1 | -0.84 | - 6.5 | 1.2/05.3  | 43146 | 2004 TH <sub>146</sub> | 2008 09 04.2 | 22 53.45 | -03 53.2 | 19.2 | -0.76 | - 7.3 | 1.3/05.3  | 43217 |
| 2007 EL <sub>199</sub> | 2008 09 04.0 | 22 52.81 | -47 13.4 | 19.9 | -1.30 | - 1.2 | 13.6/21.8 | 35071 | 2002 PV <sub>176</sub> | 2008 09 04.2 | 22 53.47 | -17 18.6 | 19.9 | -0.69 | - 8.3 | 2.9/31.4  | 00320 |
| 1999 TL <sub>46</sub>  | 2008 09 04.0 | 22 52.82 | -13 36.8 | 19.9 | -0.86 | - 3.9 | 2.3/02.1  | 43098 | 2006 DL <sub>66</sub>  | 2008 09 04.2 | 22 53.50 | +00 00.1 | 20.6 | -0.73 | - 4.8 | 1.9/06.6  | 43261 |
| 2005 WV <sub>47</sub>  | 2008 09 04.0 | 22 52.82 | -12 18.5 | 21.1 | -0.91 | - 5.2 | 1.7/02.4  | 22803 | 2003 GV <sub>56</sub>  | 2008 09 04.2 | 22 53.54 | -15 16.1 | 20.3 | -0.99 | - 3.7 | 2.9/01.8  | 42638 |
| 2002 GJ <sub>23</sub>  | 2008 09 04.0 | 22 52.86 | +05 04.6 | 20.5 | -0.75 | - 8.1 | 3.7/08.5  | 97589 | 2004 UU <sub>2</sub>   | 2008 09 04.2 | 22 53.55 | -05 50.1 | 19.3 | -0.75 | -11.2 | 0.4/04.7  | 43221 |
| 2004 HA <sub>60</sub>  | 2008 09 04.0 | 22 52.87 | -15 13.6 | 19.8 | -0.97 | - 7.1 | 3.2/01.5  | 18072 | 2003 FH <sub>78</sub>  | 2008 09 04.2 | 22 53.57 | -04 44.9 | 18.6 | -0.76 | - 8.4 | 1.0/05.1  | 43170 |
| 2004 YW <sub>19</sub>  | 2008 09 04.0 | 22 52.91 | +03 56.5 | 19.8 | -0.78 | - 2.8 | 3.6/07.5  | 43227 | 2006 CS <sub>22</sub>  | 2008 09 04.2 | 22 53.57 | -08 45.2 | 19.7 | -0.78 | - 4.5 | 0.6/03.7  | 43258 |
| 2000 TG <sub>72</sub>  | 2008 09 04.0 | 22 52.93 | -15 49.3 | 19.8 | -0.87 | - 6.6 | 3.3/01.2  | 20738 | 2003 UL <sub>132</sub> | 2008 09 04.2 | 22 53.58 | +16 59.3 | 18.3 | -0.70 | - 4.7 | 8.8/13.1  | 42668 |
| 2004 TJ <sub>136</sub> | 2008 09 04.0 | 22 52.94 | -04 49.2 | 18.9 | -0.98 | - 0.6 | 1.0/04.7  | 43216 | 2004 SY <sub>47</sub>  | 2008 09 04.2 | 22 53.62 | +21 55.3 | 19.2 | -0.79 | - 6.2 | 10.7/15.2 | 43213 |
| 2006 AY <sub>21</sub>  | 2008 09 04.0 | 22 52.94 | -27 36.9 | 20.4 | -1.01 | - 3.2 | 6.6/28.6  | 01206 | 2004 ST <sub>23</sub>  | 2008 09 04.2 | 22 53.64 | +00 08.4 | 19.4 | -0.72 | - 9.0 | 3.0/06.9  | 42717 |
| 2000 YR <sub>60</sub>  | 2008 09 04.0 | 22 52.94 | -00 25.2 | 19.9 | -0.90 | - 4.2 | 2.3/06.1  | 43117 | 2001 YR <sub>80</sub>  | 2008 09 04.2 | 22 53.66 | +01 50.9 | 20.9 | -0.92 | - 3.8 | 3.0/07.0  | 43142 |
| 2005 UA <sub>438</sub> | 2008 09 04.0 | 22 52.95 | +02 01.1 | 19.6 | -0.96 | - 5.6 | 3.6/07.0  | 43241 | 2002 XO <sub>35</sub>  | 2008 09 04.2 | 22 53.67 | -38 36.7 | 19.9 | -1.04 | - 7.5 | 9.7/23.2  | 21324 |
| 2006 FP <sub>6</sub>   | 2008 09 04.0 | 22 52.95 | -03 19.8 | 19.5 | -0.75 | -10.0 | 1.3/05.5  | 43265 | 2004 XQ <sub>182</sub> | 2008 09 04.2 | 22 53.70 | +12 39.1 | 18.3 | -0.87 | - 1.8 | 8.3/10.5  | 43227 |
| 2007 ED <sub>130</sub> | 2008 09 04.0 | 22 52.96 | -06 30.3 | 21.2 | -0.93 | - 6.2 | 0.2/04.3  | 19719 | 2000 EN <sub>171</sub> | 2008 09 04.2 | 22 53.70 | -23 37.9 | 20.3 | -0.84 | - 2.8 | 4.2/30.0  | 77450 |
| 2002 EB <sub>84</sub>  | 2008 09 04.0 | 22 52.97 | -08 48.7 | 20.8 | -0.81 | - 5.7 | 0.5/03.5  | 42610 | 2004 NP <sub>20</sub>  | 2008 09 04.2 | 22 53.71 | +03 58.2 | 18.7 | -0.86 | - 5.7 | 4.7/08.0  | 43202 |
| 2004 TW <sub>318</sub> | 2008 09 04.0 | 22 52.97 | +03 25.3 | 19.9 | -0.78 | - 7.0 | 3.5/08.0  | 20810 | 2007 KO <sub>6</sub>   | 2008 09 04.2 | 22 53.71 | +01 55.8 | 20.3 | -0.85 | - 5.6 | 2.9/07.2  | 43284 |
| 2003 SB <sub>254</sub> | 2008 09 04.0 | 22 52.98 | +06 40.8 | 18.8 | -0.77 | - 3.5 | 4.7/08.5  | 42653 | 2003 UG <sub>8</sub>   | 2008 09 04.2 | 22 53.79 | -51 51.6 | 20.8 | -1.92 | + 6.2 | 21.9/21.8 | 56946 |
| 2001 XR <sub>46</sub>  | 2008 09 04.1 | 22 52.94 | -27 38.1 | 19.8 | -0.95 | - 4.6 | 6.2/28.3  | 94329 | 2003 UN <sub>2</sub>   | 2008 09 04.3 | 22 53.65 | -32 11.5 | 21.1 | -0.81 | - 4.6 | 7.0/26.6  | 22454 |
| 2006 DA <sub>64</sub>  | 2008 09 04.1 | 22 52.94 | -10 41.6 | 20.8 | -0.80 | - 4.4 | 1.1/03.0  | 97200 | 2002 JN <sub>69</sub>  | 2008 09 04.3 | 22 53.67 | -20 02.2 | 20.2 | -0.82 | - 5.5 | 3.7/31.0  | 94775 |
| 2006 DA <sub>70</sub>  | 2008 09 04.1 | 22 52.95 | -10 46.9 | 20.0 | -0.77 | - 5.4 | 1.2/02.9  | 43261 | 2002 CL <sub>287</sub> | 2008 09 04.3 | 22 53.67 | -15 32.7 | 19.9 | -0.87 | - 5.1 | 2.8/01.6  | 21313 |
| 2005 XH <sub>69</sub>  | 2008 09 04.1 | 22 52.97 | -21 48.9 | 19.9 | -0.98 | - 2.9 | 5.8/30.8  | 96642 | 2007 GE <sub>41</sub>  | 2008 09 04.3 | 22 53.69 | -12 14.3 | 20.5 | -0.90 | - 4.6 | 1.9/02.7  | 22887 |
| 2002 GL <sub>85</sub>  | 2008 09 04.1 | 22 52.98 | -13 50.6 | 19.6 | -0.81 | - 5.6 | 2.2/01.9  | 43153 | 2004 GW <sub>1</sub>   | 2008 09 04.3 | 22 53.70 | -15 39.5 | 19.8 | -1.04 | - 5.2 | 3.3/01.7  | 21811 |
| 2008 PT <sub>15</sub>  | 2008 09 04.1 | 22 52.99 | -05 28.8 | 20.1 | -0.81 | - 2.4 | 0.5/04.6  | 43307 | 2005 UR <sub>429</sub> | 2008 09 04.3 | 22 53.71 | -05 27.5 | 20.6 | -0.95 | - 5.3 | 0.7/04.8  | 43240 |
| 2007 LD <sub>10</sub>  | 2008 09 04.1 | 22 53.00 | +00 18.6 | 19.7 | -0.67 | - 8.0 | 2.2/06.9  | 43284 | 2001 TG <sub>1</sub>   | 2008 09 04.3 | 22 53.72 | -07 13.1 | 21.1 | -0.90 | - 6.5 | 0.1/04.3  | 94124 |
| 2006 BG <sub>91</sub>  | 2008 09 04.1 | 22 53.00 | -06 34.7 | 20.5 | -0.70 | - 5.5 | 0.1/04.3  | 43254 | 2001 HX <sub>58</sub>  | 2008 09 04.3 | 22 53.72 | -41 37.7 | 19.5 | -0.92 | - 2.0 | 10.1/23.2 | 43120 |
| 2001 YF <sub>52</sub>  | 2008 09 04.1 | 22 53.00 | +13 07.7 | 20.7 | -0.84 | - 4.2 | 5.1/11.0  | 21310 | 2007 PK <sub>2</sub>   | 2008 09 04.3 | 22 53.73 | -16 28.8 | 20.5 | -0.46 | - 4.2 | 1.5/31.9  | 31536 |
| 2002 GJ <sub>171</sub> | 2008 09 04.1 | 22 53.04 | +02 23.4 | 20.5 | -0.76 | - 6.9 | 3.0/07.4  | 21316 | 2005 UC <sub>112</sub> | 2008 09 04.3 | 22 53.80 | -12 35.6 | 20.5 | -0.99 | - 4.6 | 2.1/02.7  | 20820 |
| 2005 WX <sub>71</sub>  | 2008 09 04.1 | 22 53.12 | +04 24.4 | 20.3 | -0.95 | - 5.8 | 4.2/07.7  | 96491 | 2001 TZ <sub>120</sub> | 2008 09 04.3 | 22 53.80 | -01 18.4 | 18.9 | -1.08 | - 1.7 | 2.3/05.8  | 43131 |
| 2003 UG <sub>243</sub> | 2008 09 04.1 | 22 53.13 | -27 18.2 | 20.4 | -0.91 | - 1.1 | 5.5/29.0  | 89486 | 2002 CB <sub>4</sub>   | 2008 09 04.3 | 22 53.83 | -14 23.6 | 20.4 | -0.92 | - 5.0 | 2.5/02.0  | 97558 |

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|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 FP <sub>63</sub>  | 2008 09 04.3 | 22 53.86 | -16 47.0 | 20.9 | -0.94 | - 5.7 | 3.4/01.2  | 19596 |
| 2003 US <sub>38</sub>  | 2008 09 04.3 | 22 53.88 | -01 08.9 | 19.5 | -0.68 | - 7.7 | 1.8/06.5  | 43186 |
| 2007 DL <sub>112</sub> | 2008 09 04.3 | 22 53.92 | -03 57.9 | 20.1 | -0.80 | - 7.7 | 1.1/05.4  | 43274 |
| 2003 GL <sub>23</sub>  | 2008 09 04.3 | 22 53.98 | -39 43.5 | 18.2 | -1.48 | + 8.8 | 14.5/30.3 | 43171 |
| 2006 EA <sub>29</sub>  | 2008 09 04.3 | 22 53.99 | -06 10.2 | 20.8 | -0.76 | - 4.8 | 0.3/04.7  | 43264 |
| 2002 EO <sub>80</sub>  | 2008 09 04.3 | 22 54.00 | -12 37.3 | 19.8 | -0.51 | - 2.2 | 1.0/02.5  | 43150 |
| 2006 BS <sub>86</sub>  | 2008 09 04.3 | 22 54.01 | -13 19.6 | 20.6 | -0.80 | - 6.1 | 2.1/02.3  | 20485 |
| 2004 TD <sub>222</sub> | 2008 09 04.3 | 22 54.02 | -08 29.7 | 18.2 | -0.64 | -13.5 | 0.6/03.8  | 43218 |
| 2003 WV <sub>5</sub>   | 2008 09 04.3 | 22 54.03 | +02 17.1 | 19.0 | -0.71 | - 5.6 | 3.1/07.6  | 43192 |
| 2001 XU <sub>57</sub>  | 2008 09 04.3 | 22 54.05 | -10 09.5 | 20.1 | -0.90 | - 6.8 | 1.2/03.4  | 02052 |
| 2000 DF <sub>17</sub>  | 2008 09 04.3 | 22 54.07 | -06 55.8 | 20.9 | -0.87 | -13.3 | 0.0/04.4  | 43103 |
| 2006 AP <sub>36</sub>  | 2008 09 04.3 | 22 54.07 | -08 06.4 | 20.4 | -0.85 | - 4.3 | 0.4/04.1  | 43251 |
| 2006 BL <sub>27</sub>  | 2008 09 04.3 | 22 54.09 | +14 17.9 | 20.6 | -0.90 | - 3.2 | 7.1/11.2  | 01230 |
| 2002 BH <sub>5</sub>   | 2008 09 04.4 | 22 54.01 | -18 50.5 | 19.9 | -0.98 | - 2.4 | 3.8/32.0  | 97556 |
| 2004 TC <sub>202</sub> | 2008 09 04.4 | 22 54.02 | -01 30.1 | 19.4 | -0.81 | - 4.6 | 2.0/06.2  | 43218 |
| 1999 TS <sub>169</sub> | 2008 09 04.4 | 22 54.04 | -05 45.5 | 18.7 | -0.84 | - 3.7 | 0.5/04.8  | 43099 |
| 2006 BC <sub>265</sub> | 2008 09 04.4 | 22 54.07 | -08 52.8 | 21.1 | -0.71 | - 5.9 | 0.5/03.8  | 41843 |
| 2005 CV <sub>27</sub>  | 2008 09 04.4 | 22 54.09 | -06 55.6 | 19.9 | -0.83 | - 1.7 | 0.0/04.4  | 77811 |
| 2006 BB <sub>125</sub> | 2008 09 04.4 | 22 54.11 | -07 23.4 | 20.9 | -0.82 | - 3.8 | 0.1/04.3  | 43255 |
| 2007 HN <sub>44</sub>  | 2008 09 04.4 | 22 54.13 | -24 52.5 | 19.8 | -0.92 | - 3.6 | 6.3/29.9  | 43282 |
| 2005 UQ <sub>69</sub>  | 2008 09 04.4 | 22 54.15 | +00 19.4 | 19.4 | -0.87 | - 6.7 | 3.6/06.8  | 42774 |
| 2002 PZ <sub>117</sub> | 2008 09 04.4 | 22 54.15 | +05 46.5 | 20.0 | -0.74 | - 3.7 | 3.8/08.6  | 43158 |
| 2003 HQ <sub>31</sub>  | 2008 09 04.4 | 22 54.16 | +02 44.8 | 19.5 | -0.85 | - 6.4 | 3.4/07.7  | 20780 |
| 2005 UT <sub>194</sub> | 2008 09 04.4 | 22 54.16 | -29 30.6 | 20.6 | -1.06 | - 3.9 | 8.2/28.3  | 34904 |
| 2007 LS <sub>7</sub>   | 2008 09 04.4 | 22 54.21 | -18 49.5 | 19.2 | -0.69 | - 8.5 | 3.5/31.0  | 41875 |
| 2004 FJ <sub>56</sub>  | 2008 09 04.4 | 22 54.21 | -13 14.0 | 19.9 | -0.96 | - 7.4 | 2.6/02.4  | 43199 |
| 2003 UE <sub>16</sub>  | 2008 09 04.4 | 22 54.21 | -13 46.0 | 18.8 | -0.70 | - 7.0 | 2.6/02.0  | 42661 |
| 2006 DD <sub>122</sub> | 2008 09 04.4 | 22 54.22 | -00 24.7 | 21.1 | -0.87 | - 5.5 | 2.1/06.5  | 03873 |
| 2001 XQ <sub>51</sub>  | 2008 09 04.4 | 22 54.24 | -06 01.7 | 20.0 | -0.92 | - 5.9 | 0.4/04.8  | 43138 |
| 2002 CM <sub>22</sub>  | 2008 09 04.4 | 22 54.24 | +01 36.9 | 20.5 | -0.92 | - 2.2 | 2.5/07.0  | 42606 |
| 2006 BH <sub>189</sub> | 2008 09 04.4 | 22 54.26 | -10 48.9 | 21.4 | -0.90 | - 2.7 | 1.2/03.3  | 02281 |
| 2002 GL <sub>126</sub> | 2008 09 04.4 | 22 54.26 | +04 30.2 | 19.6 | -0.72 | - 9.4 | 3.9/08.8  | 43153 |
| 2005 UF <sub>61</sub>  | 2008 09 04.4 | 22 54.27 | -19 34.7 | 18.9 | -0.97 | - 6.5 | 5.6/31.3  | 43237 |
| 2004 TF <sub>298</sub> | 2008 09 04.4 | 22 54.27 | +14 21.2 | 19.3 | -0.85 | - 4.0 | 7.2/11.5  | 43219 |
| 1999 VK <sub>112</sub> | 2008 09 04.4 | 22 54.34 | -16 16.2 | 19.3 | -0.50 | - 2.8 | 1.6/01.3  | 77412 |
| 2005 UE <sub>184</sub> | 2008 09 04.4 | 22 54.38 | -10 44.0 | 21.0 | -0.95 | - 5.4 | 1.4/03.3  | 19662 |
| 1999 FD <sub>73</sub>  | 2008 09 04.4 | 22 54.39 | -07 38.0 | 21.5 | -0.88 | - 6.3 | 0.2/04.3  | 20728 |
| 2001 YZ <sub>4</sub>   | 2008 09 04.4 | 22 54.41 | -20 55.4 | 20.0 | -1.07 | - 0.6 | 4.6/31.8  | 97534 |
| 2005 AT <sub>20</sub>  | 2008 09 04.5 | 22 54.41 | +05 19.8 | 19.4 | -0.79 | - 3.4 | 3.8/08.4  | 43228 |
| 2002 CP <sub>61</sub>  | 2008 09 04.5 | 22 54.41 | -12 42.7 | 19.7 | -1.00 | - 2.4 | 1.9/02.9  | 43146 |
| 2000 YH <sub>28</sub>  | 2008 09 04.5 | 22 54.43 | +11 03.7 | 19.5 | -0.78 | - 6.1 | 6.4/10.8  | 77492 |
| 2006 AK <sub>28</sub>  | 2008 09 04.5 | 22 54.43 | -11 40.3 | 20.3 | -0.90 | - 7.6 | 1.7/02.9  | 43251 |
| 2002 GO <sub>29</sub>  | 2008 09 04.5 | 22 54.43 | -09 26.0 | 19.9 | -0.50 | - 2.5 | 0.4/03.7  | 38334 |
| 2003 EA <sub>58</sub>  | 2008 09 04.5 | 22 54.46 | -21 10.3 | 19.0 | -0.83 | - 9.2 | 4.7/30.4  | 43169 |
| 2007 HD <sub>7</sub>   | 2008 09 04.5 | 22 54.47 | -03 50.3 | 20.1 | -0.86 | - 5.6 | 1.0/05.5  | 43281 |
| 2005 UG <sub>322</sub> | 2008 09 04.5 | 22 54.48 | -02 40.4 | 20.2 | -0.92 | - 5.5 | 1.6/05.9  | 43239 |
| 2004 TM <sub>225</sub> | 2008 09 04.5 | 22 54.51 | +02 49.9 | 20.1 | -0.78 | - 9.3 | 3.2/08.1  | 20809 |
| 2001 TL <sub>147</sub> | 2008 09 04.5 | 22 54.53 | -12 10.1 | 19.8 | -0.92 | - 6.9 | 2.2/02.8  | 43131 |
| 1997 BQ <sub>4</sub>   | 2008 09 04.5 | 22 54.55 | -01 03.2 | 19.7 | -0.85 | - 3.9 | 2.0/06.4  | 43093 |
| 2002 CR <sub>265</sub> | 2008 09 04.5 | 22 54.56 | -05 19.7 | 21.2 | -0.89 | - 3.8 | 0.5/05.0  | 43148 |
| 2003 HZ <sub>11</sub>  | 2008 09 04.5 | 22 54.59 | -17 40.1 | 19.7 | -0.82 | - 8.5 | 3.6/31.8  | 43171 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 FF <sub>23</sub>  | 2008 09 04.5 | 22 54.61 | -12 23.3 | 21.1 | -0.93 | - 5.1 | 1.9/02.9  | 19457 |
| 2003 SX <sub>160</sub> | 2008 09 04.5 | 22 54.62 | -12 45.5 | 19.3 | -0.88 | - 2.1 | 2.0/02.9  | 42649 |
| 2004 WZ <sub>11</sub>  | 2008 09 04.5 | 22 54.63 | +19 12.0 | 18.3 | -0.66 | - 3.9 | 12.5/15.0 | 43224 |
| 2006 FF <sub>10</sub>  | 2008 09 04.5 | 22 54.63 | +08 45.7 | 20.4 | -0.71 | - 4.1 | 4.0/09.9  | 01510 |
| 2004 XF <sub>98</sub>  | 2008 09 04.5 | 22 54.63 | +04 39.6 | 18.9 | -0.80 | - 2.7 | 3.8/08.2  | 43226 |
| 2000 SB <sub>272</sub> | 2008 09 04.5 | 22 54.65 | +17 00.2 | 18.2 | -0.93 | - 1.5 | 10.3/12.4 | 43111 |
| 2000 SC <sub>22</sub>  | 2008 09 04.5 | 22 54.65 | -28 03.3 | 20.0 | -1.52 | + 4.2 | 8.2/31.1  | 02005 |
| 2001 SX <sub>116</sub> | 2008 09 04.5 | 22 54.66 | +03 39.4 | 19.0 | -0.89 | - 4.7 | 4.9/08.0  | 43127 |
| 2007 EA <sub>167</sub> | 2008 09 04.5 | 22 54.68 | -22 34.5 | 19.9 | -1.04 | - 1.0 | 5.6/31.4  | 22883 |
| 2007 ES <sub>192</sub> | 2008 09 04.5 | 22 54.70 | -19 39.8 | 19.8 | -1.10 | + 1.2 | 5.2/01.5  | 19445 |
| 2004 PS <sub>64</sub>  | 2008 09 04.5 | 22 54.73 | -06 12.9 | 18.9 | -0.78 | - 8.8 | 0.3/04.8  | 43204 |
| 2001 DE <sub>106</sub> | 2008 09 04.5 | 22 54.75 | +01 26.1 | 20.6 | -0.52 | - 1.5 | 1.4/07.4  | 42583 |
| 2006 CR <sub>48</sub>  | 2008 09 04.5 | 22 54.76 | -09 48.7 | 19.9 | -0.76 | - 7.6 | 1.0/03.6  | 41844 |
| 2000 VO                | 2008 09 04.5 | 22 54.79 | -00 11.5 | 19.5 | -0.77 | - 6.3 | 3.0/06.9  | 43113 |
| 2005 XR <sub>81</sub>  | 2008 09 04.5 | 22 54.79 | -02 32.4 | 20.7 | -0.88 | - 4.6 | 1.4/06.0  | 43246 |
| 2008 QC <sub>7</sub>   | 2008 09 04.5 | 22 54.80 | -05 12.8 | 19.9 | -0.86 | - 4.1 | 0.8/05.1  | 42995 |
| 2004 RY <sub>108</sub> | 2008 09 04.6 | 22 54.74 | -03 33.7 | 19.8 | -0.97 | - 2.4 | 1.1/05.6  | 43208 |
| 2001 RT <sub>104</sub> | 2008 09 04.6 | 22 54.77 | -08 54.7 | 19.4 | -1.00 | - 3.5 | 1.0/04.0  | 43125 |
| 2006 DD <sub>115</sub> | 2008 09 04.6 | 22 54.77 | -10 11.4 | 21.0 | -0.76 | - 3.6 | 0.9/03.6  | 02297 |
| 2000 YK <sub>90</sub>  | 2008 09 04.6 | 22 54.77 | -00 02.5 | 19.1 | -0.89 | - 4.2 | 2.9/06.7  | 43117 |
| 1999 TO <sub>320</sub> | 2008 09 04.6 | 22 54.79 | -05 09.7 | 19.5 | -0.88 | - 3.3 | 0.6/05.1  | 43100 |
| 2002 ET <sub>114</sub> | 2008 09 04.6 | 22 54.82 | -10 07.1 | 20.7 | -0.48 | - 3.2 | 0.6/03.5  | 85469 |
| 2003 GY <sub>3</sub>   | 2008 09 04.6 | 22 54.82 | -04 24.5 | 19.6 | -0.95 | - 6.6 | 1.0/05.4  | 43171 |
| 2003 HF <sub>13</sub>  | 2008 09 04.6 | 22 54.84 | +03 31.0 | 21.1 | -0.80 | - 8.9 | 3.5/08.4  | 19599 |
| 2004 VK <sub>36</sub>  | 2008 09 04.6 | 22 54.84 | +00 12.4 | 19.7 | -0.79 | - 5.7 | 2.5/07.0  | 43222 |
| 2002 CU <sub>152</sub> | 2008 09 04.6 | 22 54.85 | -10 27.1 | 20.6 | -0.49 | - 2.3 | 0.6/03.4  | 10859 |
| 2005 YV <sub>190</sub> | 2008 09 04.6 | 22 54.85 | -19 37.7 | 19.9 | -0.87 | - 8.8 | 5.7/31.0  | 98065 |
| 2005 UL <sub>509</sub> | 2008 09 04.6 | 22 54.87 | -09 21.8 | 21.4 | -0.94 | - 5.0 | 0.8/03.9  | 09435 |
| 2007 LD <sub>32</sub>  | 2008 09 04.6 | 22 54.87 | -27 05.1 | 20.8 | -0.82 | - 3.2 | 5.7/29.1  | 22893 |
| 1998 XA <sub>19</sub>  | 2008 09 04.6 | 22 54.91 | -13 29.4 | 20.1 | -0.97 | - 6.3 | 2.6/02.5  | 20728 |
| 2003 TA <sub>45</sub>  | 2008 09 04.6 | 22 54.94 | -09 31.8 | 20.3 | -0.88 | - 1.2 | 0.9/03.9  | 22454 |
| 2006 BM <sub>250</sub> | 2008 09 04.6 | 22 54.98 | -11 21.2 | 20.2 | -0.70 | - 7.2 | 1.3/03.1  | 21175 |
| 2001 UC <sub>79</sub>  | 2008 09 04.6 | 22 55.04 | -05 54.6 | 19.6 | -0.94 | - 6.5 | 0.4/05.0  | 43134 |
| 2003 US <sub>141</sub> | 2008 09 04.6 | 22 55.06 | -13 51.0 | 19.5 | -0.78 | - 5.5 | 2.4/02.3  | 43188 |
| 2006 CA <sub>57</sub>  | 2008 09 04.6 | 22 55.10 | -06 24.7 | 20.5 | -0.72 | - 6.3 | 0.1/04.9  | 43258 |
| 2006 EL <sub>9</sub>   | 2008 09 04.6 | 22 55.13 | -09 33.3 | 20.4 | -0.77 | - 5.5 | 0.9/03.8  | 11163 |
| 2000 XG <sub>41</sub>  | 2008 09 04.6 | 22 55.14 | -08 30.3 | 18.7 | -1.04 | - 0.5 | 0.6/04.3  | 43116 |
| 2005 UT <sub>456</sub> | 2008 09 04.6 | 22 55.15 | -22 04.6 | 18.9 | -0.94 | - 5.3 | 7.4/30.6  | 43241 |
| 2006 DZ <sub>3</sub>   | 2008 09 04.6 | 22 55.16 | -08 18.2 | 19.9 | -0.85 | - 2.3 | 0.4/04.3  | 43259 |
| 2003 WW <sub>45</sub>  | 2008 09 04.6 | 22 55.18 | +38 46.6 | 19.3 | -1.19 | + 3.8 | 23.4/24.0 | 69586 |
| 2004 RL <sub>82</sub>  | 2008 09 04.7 | 22 55.11 | -02 59.0 | 19.4 | -0.76 | - 9.0 | 1.6/06.1  | 43208 |
| 2007 GX <sub>17</sub>  | 2008 09 04.7 | 22 55.14 | -34 27.8 | 20.0 | -1.03 | + 1.0 | 8.6/28.2  | 22886 |
| 2005 TA <sub>25</sub>  | 2008 09 04.7 | 22 55.19 | -09 43.3 | 19.7 | -0.98 | - 5.6 | 1.2/03.9  | 42770 |
| 2007 JM <sub>4</sub>   | 2008 09 04.7 | 22 55.19 | -23 11.4 | 20.1 | -0.89 | - 3.6 | 5.2/30.6  | 26286 |
| 2001 UE <sub>172</sub> | 2008 09 04.7 | 22 55.20 | -10 50.0 | 20.4 | -0.90 | - 5.4 | 1.8/03.5  | 94241 |
| 2006 AB <sub>105</sub> | 2008 09 04.7 | 22 55.21 | -09 11.4 | 20.5 | -0.70 | - 6.9 | 0.7/03.9  | 41840 |
| 2006 BT <sub>228</sub> | 2008 09 04.7 | 22 55.21 | -16 11.4 | 19.8 | -0.79 | - 6.4 | 3.8/01.5  | 20840 |
| 2000 SQ <sub>282</sub> | 2008 09 04.7 | 22 55.22 | -04 43.2 | 18.9 | -0.94 | - 2.3 | 0.9/05.3  | 43111 |
| 2005 BG <sub>44</sub>  | 2008 09 04.7 | 22 55.23 | +02 22.2 | 19.1 | -0.65 | -10.1 | 2.6/08.3  | 43229 |
| 2007 LW <sub>16</sub>  | 2008 09 04.7 | 22 55.24 | -13 05.2 | 20.0 | -0.86 | - 5.2 | 2.2/02.8  | 21254 |
| 2006 BW <sub>138</sub> | 2008 09 04.7 | 22 55.24 | -05 28.1 | 20.3 | -0.77 | - 5.0 | 0.4/05.2  | 43255 |

|                        |              |          |          |      |       |       |          |       |
|------------------------|--------------|----------|----------|------|-------|-------|----------|-------|
| 2007 EP <sub>48</sub>  | 2008 09 04.7 | 22 55.24 | -09 18.5 | 20.9 | -0.88 | - 6.4 | 0.8/04.0 | 41865 |
| 2001 XS <sub>27</sub>  | 2008 09 04.7 | 22 55.28 | -14 56.1 | 20.5 | -0.86 | - 4.7 | 2.3/02.2 | 97517 |
| 2003 WG <sub>31</sub>  | 2008 09 04.7 | 22 55.29 | +06 22.4 | 20.3 | -0.73 | - 4.4 | 4.0/09.2 | 76199 |
| 2004 GF <sub>25</sub>  | 2008 09 04.7 | 22 55.31 | -19 13.3 | 18.3 | -0.96 | - 3.9 | 5.9/01.0 | 43200 |
| 2007 EY <sub>38</sub>  | 2008 09 04.7 | 22 55.31 | -16 03.9 | 19.1 | -0.94 | - 2.3 | 3.3/02.1 | 43275 |
| 2001 SE <sub>17</sub>  | 2008 09 04.7 | 22 55.32 | -11 57.1 | 19.0 | -0.96 | - 1.8 | 2.5/03.3 | 42589 |
| 2005 UU <sub>271</sub> | 2008 09 04.7 | 22 55.32 | -09 14.7 | 20.0 | -0.93 | - 7.0 | 1.0/04.0 | 41831 |
| 2006 BH <sub>263</sub> | 2008 09 04.7 | 22 55.33 | -05 13.3 | 20.1 | -0.98 | - 1.8 | 0.5/05.2 | 43257 |
| 2000 YX <sub>39</sub>  | 2008 09 04.7 | 22 55.35 | +06 30.4 | 19.4 | -0.87 | - 3.9 | 4.6/08.9 | 43117 |
| 2007 HC <sub>90</sub>  | 2008 09 04.7 | 22 55.36 | -22 09.5 | 19.1 | -0.72 | - 7.9 | 5.2/30.1 | 43283 |
| 2002 EZ <sub>26</sub>  | 2008 09 04.7 | 22 55.41 | -07 53.1 | 20.8 | -0.48 | - 2.7 | 0.2/04.4 | 43149 |
| 2003 WQ <sub>91</sub>  | 2008 09 04.7 | 22 55.43 | -12 48.8 | 19.8 | -0.71 | - 5.5 | 1.7/02.7 | 43194 |
| 2000 UZ <sub>51</sub>  | 2008 09 04.7 | 22 55.43 | +13 47.5 | 19.6 | -0.84 | - 6.2 | 8.3/11.7 | 74041 |
| 2000 QM <sub>170</sub> | 2008 09 04.7 | 22 55.44 | -02 44.1 | 18.4 | -0.71 | - 7.0 | 1.9/06.2 | 43107 |
| 1998 SD <sub>146</sub> | 2008 09 04.7 | 22 55.44 | +00 41.2 | 19.4 | -0.70 | - 7.3 | 2.4/07.5 | 43095 |
| 2006 BG <sub>183</sub> | 2008 09 04.7 | 22 55.46 | -03 57.8 | 19.4 | -0.74 | - 5.4 | 0.9/05.8 | 43256 |
| 2003 UV <sub>93</sub>  | 2008 09 04.7 | 22 55.47 | -05 08.5 | 19.4 | -0.77 | - 5.2 | 0.6/05.4 | 43187 |
| 2006 BH <sub>213</sub> | 2008 09 04.7 | 22 55.48 | -13 25.0 | 20.1 | -1.04 | - 1.6 | 2.2/03.0 | 11157 |
| 2002 AO <sub>36</sub>  | 2008 09 04.7 | 22 55.49 | -17 57.9 | 20.0 | -0.91 | - 7.4 | 4.0/32.0 | 21310 |
| 2003 TR                | 2008 09 04.7 | 22 55.49 | -00 53.0 | 19.2 | -0.80 | - 2.9 | 2.0/06.6 | 43184 |
| 2007 DB <sub>53</sub>  | 2008 09 04.7 | 22 55.49 | -03 47.2 | 20.1 | -1.04 | - 4.3 | 1.2/05.7 | 43273 |
| 2006 DD <sub>202</sub> | 2008 09 04.7 | 22 55.50 | -14 52.4 | 19.8 | -0.84 | - 4.6 | 2.6/02.2 | 01450 |
| 2006 BS <sub>108</sub> | 2008 09 04.8 | 22 55.50 | -09 39.2 | 20.7 | -0.77 | - 4.5 | 0.8/03.9 | 21355 |
| 2001 UF <sub>196</sub> | 2008 09 04.8 | 22 55.52 | -14 01.1 | 19.7 | -1.00 | - 3.6 | 2.7/02.7 | 43135 |
| 2005 UK <sub>110</sub> | 2008 09 04.8 | 22 55.52 | -00 25.8 | 20.9 | -0.95 | - 5.6 | 2.4/06.8 | 43237 |
| 2002 CL <sub>48</sub>  | 2008 09 04.8 | 22 55.54 | -11 37.5 | 20.8 | -0.88 | - 4.9 | 1.6/03.3 | 97561 |
| 2007 DS <sub>22</sub>  | 2008 09 04.8 | 22 55.54 | -06 50.5 | 20.1 | -1.06 | - 2.4 | 0.0/04.8 | 42871 |
| 2001 SE <sub>8</sub>   | 2008 09 04.8 | 22 55.54 | -11 11.7 | 19.3 | -1.05 | - 1.9 | 2.0/03.6 | 42589 |
| 2006 CF <sub>67</sub>  | 2008 09 04.8 | 22 55.55 | -02 43.3 | 20.8 | -0.68 | - 6.4 | 1.1/06.3 | 43258 |
| 2006 BM <sub>43</sub>  | 2008 09 04.8 | 22 55.63 | -13 58.4 | 20.5 | -0.82 | - 4.8 | 2.3/02.5 | 11155 |
| 2001 XE <sub>112</sub> | 2008 09 04.8 | 22 55.64 | -17 25.3 | 19.6 | -0.89 | - 7.2 | 4.0/01.2 | 19559 |
| 2002 AH <sub>50</sub>  | 2008 09 04.8 | 22 55.64 | -02 03.6 | 19.9 | -0.86 | - 4.6 | 1.5/06.4 | 43143 |
| 2001 WN <sub>72</sub>  | 2008 09 04.8 | 22 55.65 | -05 28.4 | 19.8 | -0.82 | - 6.6 | 0.7/05.3 | 43137 |
| 2006 BS <sub>266</sub> | 2008 09 04.8 | 22 55.67 | -21 12.5 | 20.6 | -0.96 | - 1.6 | 4.1/31.7 | 97143 |
| 1998 FZ <sub>120</sub> | 2008 09 04.8 | 22 55.68 | -15 59.4 | 20.4 | -0.96 | - 2.3 | 2.9/02.2 | 97334 |
| 2006 DN <sub>77</sub>  | 2008 09 04.8 | 22 55.70 | -11 04.4 | 20.5 | -0.91 | - 4.3 | 1.5/03.6 | 11160 |
| 2003 QJ <sub>87</sub>  | 2008 09 04.8 | 22 55.72 | -03 52.1 | 18.9 | -0.91 | - 1.3 | 1.0/05.7 | 43175 |
| 2005 US <sub>526</sub> | 2008 09 04.8 | 22 55.73 | +00 55.6 | 20.3 | -0.85 | - 6.6 | 3.8/07.4 | 42780 |
| 2003 SL <sub>41</sub>  | 2008 09 04.8 | 22 55.76 | -15 46.6 | 19.3 | -0.97 | + 0.1 | 2.5/02.5 | 77707 |
| 2003 FE <sub>42</sub>  | 2008 09 04.8 | 22 55.77 | -10 56.6 | 20.3 | -0.52 | - 2.3 | 0.8/03.5 | 85979 |
| 1999 VB <sub>118</sub> | 2008 09 04.8 | 22 55.77 | +00 02.9 | 20.1 | -0.75 | - 7.3 | 2.2/07.3 | 43101 |
| 2005 WR <sub>100</sub> | 2008 09 04.8 | 22 55.80 | -28 47.5 | 20.2 | -0.94 | - 4.3 | 6.6/28.7 | 21351 |
| 2007 HU <sub>94</sub>  | 2008 09 04.8 | 22 55.81 | -17 24.0 | 20.3 | -0.90 | - 4.1 | 3.5/01.6 | 31531 |
| 2006 BX <sub>176</sub> | 2008 09 04.8 | 22 55.82 | -17 23.0 | 19.2 | -0.79 | - 6.4 | 3.7/01.3 | 43256 |
| 2005 ST <sub>247</sub> | 2008 09 04.8 | 22 55.84 | -11 50.6 | 20.2 | -1.05 | - 4.1 | 2.0/03.4 | 20817 |
| 2002 GT <sub>164</sub> | 2008 09 04.8 | 22 55.85 | +07 08.8 | 20.2 | -0.75 | - 7.1 | 4.0/09.9 | 43154 |
| 2006 DH <sub>79</sub>  | 2008 09 04.8 | 22 55.85 | -05 29.1 | 20.3 | -0.76 | - 5.3 | 0.4/05.3 | 43261 |
| 2001 WO <sub>26</sub>  | 2008 09 04.8 | 22 55.85 | +00 15.9 | 20.6 | -0.91 | - 6.5 | 2.8/07.2 | 42602 |
| 2001 XU <sub>225</sub> | 2008 09 04.8 | 22 55.86 | -04 06.6 | 20.3 | -0.93 | - 5.5 | 1.0/05.7 | 43140 |
| 2004 LO <sub>29</sub>  | 2008 09 04.8 | 22 55.87 | +00 00.2 | 20.7 | -0.90 | - 6.6 | 2.5/07.1 | 43202 |
| 2002 AY <sub>98</sub>  | 2008 09 04.8 | 22 55.88 | -08 46.0 | 19.4 | -0.91 | - 4.6 | 0.6/04.3 | 41777 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2002 CU <sub>162</sub> | 2008 09 04.9 | 22 55.82 | -12 28.6 | 19.8 | -0.95 | - 4.0 | 2.1/03.2  | 43147 |
| 2001 QZ <sub>237</sub> | 2008 09 04.9 | 22 55.84 | -07 28.3 | 18.1 | -1.11 | - 1.0 | 0.3/04.7  | 43123 |
| 2003 SK <sub>274</sub> | 2008 09 04.9 | 22 55.86 | +02 21.0 | 20.5 | -0.69 | - 6.3 | 2.7/08.2  | 43182 |
| 2007 GN                | 2008 09 04.9 | 22 55.87 | -05 20.2 | 20.9 | -0.85 | - 5.5 | 0.5/05.4  | 20861 |
| 2003 UU <sub>205</sub> | 2008 09 04.9 | 22 55.92 | +20 26.2 | 17.8 | -0.71 | - 4.0 | 10.0/15.1 | 43190 |
| 2004 VT <sub>52</sub>  | 2008 09 04.9 | 22 55.98 | -04 26.5 | 19.8 | -0.79 | - 6.6 | 0.9/05.7  | 43222 |
| 2005 WX <sub>114</sub> | 2008 09 04.9 | 22 56.00 | -19 05.7 | 20.9 | -0.85 | - 5.4 | 3.7/31.9  | 21351 |
| 2007 EV <sub>17</sub>  | 2008 09 04.9 | 22 56.00 | -06 30.3 | 20.8 | -0.93 | - 6.2 | 0.1/05.0  | 20852 |
| 2005 WN <sub>97</sub>  | 2008 09 04.9 | 22 56.01 | -13 26.4 | 20.5 | -0.98 | - 5.5 | 2.6/02.9  | 20825 |
| 2003 TA <sub>42</sub>  | 2008 09 04.9 | 22 56.04 | -01 39.2 | 20.6 | -0.71 | - 4.4 | 1.4/06.7  | 43185 |
| 2005 UX <sub>15</sub>  | 2008 09 04.9 | 22 56.06 | -15 54.3 | 20.6 | -0.99 | - 5.0 | 3.4/02.2  | 20819 |
| 2007 HN <sub>3</sub>   | 2008 09 04.9 | 22 56.08 | -18 59.3 | 19.9 | -0.97 | - 3.0 | 4.3/01.4  | 24511 |
| 2001 UW <sub>78</sub>  | 2008 09 04.9 | 22 56.09 | -07 21.8 | 18.0 | -0.73 | - 7.4 | 0.3/04.8  | 43134 |
| 2005 YZ <sub>46</sub>  | 2008 09 04.9 | 22 56.11 | -23 50.4 | 20.8 | -0.85 | - 6.6 | 5.1/30.0  | 96712 |
| 2002 GW <sub>144</sub> | 2008 09 04.9 | 22 56.14 | -17 53.7 | 19.3 | -0.83 | - 5.7 | 4.1/01.2  | 43154 |
| 1999 TB <sub>60</sub>  | 2008 09 04.9 | 22 56.23 | -06 15.8 | 19.6 | -0.85 | - 3.8 | 0.2/05.2  | 43098 |
| 2004 GF <sub>33</sub>  | 2008 09 04.9 | 22 56.23 | +03 14.2 | 19.5 | -0.94 | - 8.1 | 3.9/08.4  | 43200 |
| 2002 AD <sub>136</sub> | 2008 09 04.9 | 22 56.25 | -09 54.1 | 20.5 | -0.86 | - 6.6 | 1.1/04.0  | 21311 |
| 2006 BQ <sub>219</sub> | 2008 09 05.0 | 22 56.19 | -18 58.4 | 20.1 | -0.75 | - 5.5 | 3.4/31.8  | 01290 |
| 2003 GQ <sub>43</sub>  | 2008 09 05.0 | 22 56.22 | -26 45.3 | 19.4 | -0.83 | - 7.5 | 7.7/28.8  | 43171 |
| 2005 UR <sub>150</sub> | 2008 09 05.0 | 22 56.22 | -17 39.6 | 20.3 | -1.04 | - 4.8 | 4.2/01.7  | 19662 |
| 2000 EC <sub>174</sub> | 2008 09 05.0 | 22 56.27 | -29 43.2 | 20.5 | -0.78 | - 4.5 | 5.5/27.9  | 01997 |
| 1996 RO <sub>30</sub>  | 2008 09 05.0 | 22 56.28 | -02 56.4 | 19.7 | -0.51 | - 2.1 | 0.7/06.3  | 43093 |
| 1997 SB <sub>32</sub>  | 2008 09 05.0 | 22 56.32 | -17 04.9 | 19.5 | -0.87 | - 1.9 | 3.4/02.0  | 60491 |
| 2003 GH <sub>11</sub>  | 2008 09 05.0 | 22 56.33 | +01 10.7 | 19.9 | -0.83 | - 7.6 | 2.8/08.0  | 43171 |
| 1999 VL <sub>60</sub>  | 2008 09 05.0 | 22 56.33 | -21 02.0 | 19.8 | -0.93 | - 3.6 | 5.0/31.5  | 41753 |
| 2001 SR <sub>31</sub>  | 2008 09 05.0 | 22 56.36 | -08 01.4 | 19.0 | -0.83 | - 7.8 | 0.6/04.6  | 48086 |
| 2002 EG <sub>142</sub> | 2008 09 05.0 | 22 56.39 | -11 49.4 | 19.5 | -0.50 | - 2.7 | 0.9/03.3  | 43151 |
| 2004 HW <sub>59</sub>  | 2008 09 05.0 | 22 56.39 | -12 13.1 | 19.5 | -0.96 | - 6.4 | 2.2/03.3  | 43200 |
| 2000 DT <sub>16</sub>  | 2008 09 05.0 | 22 56.41 | -05 40.1 | 19.8 | -1.10 | - 2.7 | 0.4/05.4  | 43103 |
| 2004 JY <sub>15</sub>  | 2008 09 05.0 | 22 56.44 | -18 15.4 | 19.5 | -0.98 | - 5.2 | 4.7/01.5  | 18072 |
| 2004 FA <sub>68</sub>  | 2008 09 05.0 | 22 56.45 | -19 35.7 | 19.5 | -1.02 | - 5.2 | 5.4/01.1  | 43199 |
| 2006 AH <sub>14</sub>  | 2008 09 05.0 | 22 56.48 | -00 20.6 | 18.9 | -0.86 | - 3.8 | 2.5/07.1  | 43250 |
| 2006 DU <sub>8</sub>   | 2008 09 05.0 | 22 56.49 | -21 07.9 | 20.4 | -0.85 | - 4.9 | 4.2/31.3  | 03861 |
| 2006 FU <sub>14</sub>  | 2008 09 05.0 | 22 56.51 | -07 22.0 | 20.5 | -0.76 | - 5.5 | 0.2/04.9  | 43265 |
| 2005 UR <sub>251</sub> | 2008 09 05.0 | 22 56.53 | -00 19.3 | 20.2 | -0.94 | - 6.8 | 2.6/07.1  | 43239 |
| 2004 RH <sub>199</sub> | 2008 09 05.0 | 22 56.55 | +15 35.1 | 18.3 | -0.77 | - 4.7 | 9.4/13.1  | 74349 |
| 2006 BZ <sub>156</sub> | 2008 09 05.0 | 22 56.56 | -09 41.2 | 20.9 | -0.83 | - 2.9 | 0.9/04.2  | 01270 |
| 2001 FU <sub>6</sub>   | 2008 09 05.0 | 22 56.56 | -11 20.0 | 20.5 | -1.05 | - 5.6 | 2.2/03.7  | 93934 |
| 2002 EY <sub>115</sub> | 2008 09 05.0 | 22 56.62 | -24 34.1 | 19.7 | -0.95 | - 2.3 | 5.4/30.8  | 18003 |
| 2004 RB <sub>320</sub> | 2008 09 05.1 | 22 56.54 | +08 05.0 | 20.0 | -0.90 | - 3.4 | 5.7/09.7  | 43212 |
| 2003 AC <sub>55</sub>  | 2008 09 05.1 | 22 56.54 | -12 50.1 | 20.7 | -0.99 | - 4.8 | 2.1/03.3  | 19588 |
| 2007 DE <sub>103</sub> | 2008 09 05.1 | 22 56.55 | -04 25.7 | 19.0 | -0.99 | - 2.0 | 1.1/05.8  | 43274 |
| 2000 RE <sub>103</sub> | 2008 09 05.1 | 22 56.56 | +14 52.4 | 17.5 | -0.75 | - 5.4 | 9.7/13.2  | 43108 |
| 2000 SZ <sub>165</sub> | 2008 09 05.1 | 22 56.58 | -06 52.5 | 19.1 | -1.12 | + 0.1 | 0.0/05.1  | 43110 |
| 2002 PQ <sub>3</sub>   | 2008 09 05.1 | 22 56.59 | +00 04.6 | 20.1 | -0.73 | - 4.9 | 2.3/07.4  | 43157 |
| 2003 SB <sub>118</sub> | 2008 09 05.1 | 22 56.61 | -05 04.2 | 18.9 | -1.01 | + 1.2 | 0.7/05.5  | 43178 |
| 2002 AM <sub>86</sub>  | 2008 09 05.1 | 22 56.62 | +17 36.9 | 20.6 | -0.94 | - 2.4 | 7.7/12.8  | 94497 |
| 2002 ER <sub>4</sub>   | 2008 09 05.1 | 22 56.63 | -08 21.7 | 19.5 | -0.52 | - 2.2 | 0.3/04.6  | 43149 |
| 1999 FU <sub>83</sub>  | 2008 09 05.1 | 22 56.64 | -06 58.3 | 20.1 | -0.79 | -10.8 | 0.1/05.0  | 43096 |
| 2005 UM <sub>64</sub>  | 2008 09 05.1 | 22 56.67 | -00 16.1 | 19.3 | -0.83 | -10.6 | 2.6/07.5  | 43237 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 DX <sub>214</sub> | 2008 09 05.1 | 22 56.69 | -04 39.3 | 21.3 | -0.82 | - 6.2 | 0.7/05.8  | 43264 |
| 2008 QM <sub>14</sub>  | 2008 09 05.1 | 22 56.70 | -05 19.4 | 20.6 | -0.87 | - 3.0 | 0.5/05.6  | 43001 |
| 2002 ER <sub>114</sub> | 2008 09 05.1 | 22 56.74 | -09 28.6 | 21.0 | -0.83 | - 5.8 | 0.9/04.3  | 94706 |
| 2003 SP <sub>121</sub> | 2008 09 05.1 | 22 56.75 | -02 43.3 | 20.1 | -0.80 | - 3.7 | 1.3/06.4  | 43178 |
| 2001 XN <sub>180</sub> | 2008 09 05.1 | 22 56.78 | -04 29.1 | 20.3 | -0.89 | - 6.4 | 0.8/05.9  | 43140 |
| 2005 WM <sub>15</sub>  | 2008 09 05.1 | 22 56.78 | -02 07.7 | 19.1 | -0.91 | - 5.6 | 2.0/06.6  | 43243 |
| 1999 VM <sub>152</sub> | 2008 09 05.1 | 22 56.79 | -09 01.5 | 19.5 | -0.89 | - 3.2 | 0.8/04.5  | 01987 |
| 1999 WA <sub>11</sub>  | 2008 09 05.1 | 22 56.82 | -21 07.4 | 19.3 | -0.87 | - 2.7 | 6.0/31.6  | 43102 |
| 2006 AC <sub>17</sub>  | 2008 09 05.1 | 22 56.82 | -11 08.2 | 20.7 | -0.84 | - 6.2 | 1.5/03.7  | 21620 |
| 2007 HY <sub>45</sub>  | 2008 09 05.1 | 22 56.83 | -14 02.8 | 20.2 | -0.87 | - 7.2 | 2.6/02.7  | 20645 |
| 2001 YK <sub>95</sub>  | 2008 09 05.1 | 22 56.84 | -13 38.7 | 20.3 | -0.90 | - 4.4 | 2.2/03.0  | 94446 |
| 2002 CD <sub>156</sub> | 2008 09 05.1 | 22 56.84 | -11 20.2 | 19.9 | -0.93 | - 2.5 | 1.5/03.8  | 43147 |
| 2004 VJ <sub>94</sub>  | 2008 09 05.1 | 22 56.86 | -08 23.8 | 21.5 | -0.76 | - 4.7 | 0.5/04.6  | 22494 |
| 2007 FS <sub>36</sub>  | 2008 09 05.1 | 22 56.87 | -02 36.6 | 20.7 | -0.83 | - 6.8 | 1.3/06.6  | 43278 |
| 2005 VT <sub>115</sub> | 2008 09 05.1 | 22 56.88 | +00 48.5 | 20.6 | -0.98 | - 5.1 | 3.1/07.5  | 43242 |
| 2005 AN <sub>16</sub>  | 2008 09 05.1 | 22 56.88 | +00 28.2 | 20.7 | -0.78 | - 4.0 | 2.1/07.5  | 43228 |
| 2004 RA <sub>219</sub> | 2008 09 05.1 | 22 56.89 | +17 37.4 | 18.7 | -0.92 | - 1.4 | 9.8/12.6  | 43210 |
| 2004 TW <sub>5</sub>   | 2008 09 05.1 | 22 56.92 | +06 49.1 | 19.6 | -0.76 | -10.5 | 5.1/10.5  | 43214 |
| 2006 DH <sub>2</sub>   | 2008 09 05.1 | 22 56.92 | -06 03.1 | 20.0 | -0.85 | - 4.4 | 0.2/05.4  | 43259 |
| 2003 UB <sub>78</sub>  | 2008 09 05.1 | 22 56.95 | -00 06.6 | 18.1 | -0.81 | - 2.9 | 2.2/07.2  | 43187 |
| 2004 YP <sub>11</sub>  | 2008 09 05.2 | 22 56.92 | -08 47.0 | 21.0 | -0.77 | - 4.7 | 0.6/04.5  | 76572 |
| 2005 XX <sub>104</sub> | 2008 09 05.2 | 22 57.01 | -07 26.8 | 20.2 | -0.86 | - 4.1 | 0.3/05.0  | 43246 |
| 2007 DH <sub>109</sub> | 2008 09 05.2 | 22 57.01 | -15 22.4 | 18.7 | -0.88 | -23.5 | 3.6/01.5  | 42873 |
| 2007 GF <sub>42</sub>  | 2008 09 05.2 | 22 57.01 | -04 29.2 | 20.5 | -0.78 | - 5.0 | 0.8/06.0  | 43280 |
| 2004 RK <sub>333</sub> | 2008 09 05.2 | 22 57.08 | -14 04.6 | 18.8 | -0.74 | - 9.4 | 3.2/02.5  | 43212 |
| 2004 RA <sub>167</sub> | 2008 09 05.2 | 22 57.10 | -04 15.0 | 20.2 | -0.85 | - 4.7 | 1.1/06.0  | 42709 |
| 2003 UV <sub>76</sub>  | 2008 09 05.2 | 22 57.11 | +07 22.2 | 19.0 | -0.80 | - 2.7 | 4.8/09.7  | 43187 |
| 2003 UW <sub>250</sub> | 2008 09 05.2 | 22 57.11 | -01 00.4 | 20.2 | -0.73 | - 4.0 | 1.6/07.1  | 43191 |
| 2006 DL <sub>70</sub>  | 2008 09 05.2 | 22 57.11 | -09 07.7 | 20.0 | -0.87 | - 3.4 | 0.8/04.5  | 01375 |
| 2001 SP <sub>326</sub> | 2008 09 05.2 | 22 57.14 | -01 23.4 | 19.3 | -1.00 | - 3.6 | 2.1/06.8  | 43129 |
| 2003 UY <sub>178</sub> | 2008 09 05.2 | 22 57.16 | +02 29.1 | 18.9 | -0.69 | - 6.6 | 2.8/08.5  | 41801 |
| 2001 VR <sub>119</sub> | 2008 09 05.2 | 22 57.17 | -12 25.0 | 19.6 | -0.97 | - 4.9 | 2.3/03.5  | 43137 |
| 2003 WG <sub>5</sub>   | 2008 09 05.2 | 22 57.18 | -08 53.9 | 20.3 | -0.80 | - 3.7 | 0.7/04.6  | 03559 |
| 2007 HD <sub>18</sub>  | 2008 09 05.2 | 22 57.26 | -16 33.2 | 19.4 | -0.87 | - 4.3 | 3.5/02.2  | 43281 |
| 2006 BB <sub>87</sub>  | 2008 09 05.2 | 22 57.27 | -06 07.0 | 20.4 | -0.79 | - 3.4 | 0.2/05.5  | 42795 |
| 2001 XG <sub>210</sub> | 2008 09 05.2 | 22 57.29 | -03 15.6 | 19.9 | -0.86 | - 7.1 | 1.2/06.4  | 43140 |
| 2004 VV <sub>18</sub>  | 2008 09 05.2 | 22 57.29 | -13 13.8 | 19.6 | -0.87 | - 4.1 | 2.5/03.2  | 43222 |
| 2004 RQ <sub>46</sub>  | 2008 09 05.2 | 22 57.29 | -09 10.5 | 19.3 | -1.00 | - 0.1 | 1.2/04.7  | 43207 |
| 2007 DW <sub>75</sub>  | 2008 09 05.2 | 22 57.30 | -05 47.2 | 20.8 | -0.91 | - 6.9 | 0.3/05.6  | 42873 |
| 2006 EM <sub>30</sub>  | 2008 09 05.2 | 22 57.30 | -13 52.0 | 21.3 | -0.86 | - 2.1 | 2.2/03.2  | 01479 |
| 1995 SV <sub>51</sub>  | 2008 09 05.2 | 22 57.31 | -08 50.5 | 20.6 | -0.85 | - 4.4 | 0.7/04.6  | 42569 |
| 2001 UT <sub>40</sub>  | 2008 09 05.2 | 22 57.35 | -17 32.9 | 19.7 | -1.03 | - 4.3 | 4.2/02.0  | 17963 |
| 2005 UO <sub>264</sub> | 2008 09 05.3 | 22 57.26 | -16 08.2 | 22.0 | -0.99 | - 5.0 | 3.3/02.4  | 21608 |
| 2005 VT <sub>17</sub>  | 2008 09 05.3 | 22 57.30 | -21 45.8 | 19.3 | -0.99 | - 5.7 | 6.7/31.4  | 43242 |
| 2002 AM <sub>49</sub>  | 2008 09 05.3 | 22 57.31 | -01 49.0 | 21.6 | -0.85 | - 4.8 | 1.4/06.9  | 00129 |
| 2005 UP <sub>178</sub> | 2008 09 05.3 | 22 57.32 | -14 48.3 | 20.9 | -0.97 | - 5.8 | 3.1/02.7  | 26077 |
| 2003 EF <sub>59</sub>  | 2008 09 05.3 | 22 57.32 | +23 28.5 | 19.5 | -1.31 | + 1.2 | 10.6/14.3 | 43169 |
| 2006 DX <sub>186</sub> | 2008 09 05.3 | 22 57.36 | -16 22.0 | 21.5 | -0.98 | - 2.4 | 3.1/02.5  | 02301 |
| 2005 YK <sub>32</sub>  | 2008 09 05.3 | 22 57.37 | -14 34.6 | 20.9 | -0.80 | - 6.6 | 2.5/02.6  | 35939 |
| 2006 DV <sub>25</sub>  | 2008 09 05.3 | 22 57.37 | -08 32.9 | 19.2 | -0.79 | - 7.3 | 0.7/04.7  | 42801 |
| 2004 XS <sub>59</sub>  | 2008 09 05.3 | 22 57.40 | +05 05.3 | 18.1 | -0.85 | - 1.7 | 5.0/08.8  | 43225 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2001 SM <sub>235</sub> | 2008 09 05.3 | 22 57.44 | -05 52.0 | 18.8 | -0.81 | - 5.8 | 0.4/05.6  | 43128 |
| 2005 EY <sub>235</sub> | 2008 09 05.3 | 22 57.44 | -09 34.7 | 21.0 | -0.61 | - 3.4 | 0.6/04.4  | 00936 |
| 2003 SS <sub>166</sub> | 2008 09 05.3 | 22 57.48 | +07 18.1 | 19.1 | -0.75 | - 5.0 | 4.8/10.0  | 42649 |
| 2006 BO <sub>109</sub> | 2008 09 05.3 | 22 57.49 | -06 14.9 | 22.1 | -0.91 | - 4.2 | 0.1/05.5  | 11156 |
| 2005 UF <sub>34</sub>  | 2008 09 05.3 | 22 57.52 | -14 45.8 | 20.8 | -0.97 | - 4.9 | 3.0/02.9  | 20819 |
| 2003 UE <sub>115</sub> | 2008 09 05.3 | 22 57.53 | -15 47.0 | 20.4 | -0.76 | - 3.5 | 2.6/02.4  | 00620 |
| 2003 GL <sub>35</sub>  | 2008 09 05.3 | 22 57.54 | -11 54.5 | 20.8 | -0.93 | - 5.6 | 1.8/03.7  | 20779 |
| 2003 UX <sub>244</sub> | 2008 09 05.3 | 22 57.55 | -15 56.1 | 20.3 | -0.73 | - 4.8 | 2.6/02.2  | 02188 |
| 2007 HS <sub>12</sub>  | 2008 09 05.3 | 22 57.55 | -07 40.5 | 18.7 | -0.87 | - 4.4 | 0.5/05.1  | 42883 |
| 2003 GU <sub>39</sub>  | 2008 09 05.3 | 22 57.56 | -11 06.1 | 19.7 | -0.88 | - 7.5 | 1.5/03.9  | 21131 |
| 2005 WT <sub>18</sub>  | 2008 09 05.3 | 22 57.57 | -32 34.4 | 20.3 | -0.96 | - 4.0 | 8.0/27.7  | 20824 |
| 2003 EE <sub>54</sub>  | 2008 09 05.3 | 22 57.57 | -24 00.9 | 20.6 | -0.51 | - 2.9 | 3.0/30.2  | 87578 |
| 2007 JB <sub>23</sub>  | 2008 09 05.3 | 22 57.59 | +05 37.5 | 19.1 | -0.79 | - 3.2 | 4.1/09.3  | 43283 |
| 2003 TU <sub>17</sub>  | 2008 09 05.3 | 22 57.60 | +07 24.6 | 19.4 | -0.73 | - 5.0 | 4.4/10.2  | 42660 |
| 2007 ER <sub>69</sub>  | 2008 09 05.3 | 22 57.65 | -10 18.7 | 20.8 | -0.93 | - 6.1 | 1.4/04.2  | 19402 |
| 2006 JK <sub>4</sub>   | 2008 09 05.3 | 22 57.66 | +03 50.9 | 21.0 | -0.71 | - 6.3 | 3.0/09.1  | 26166 |
| 1998 XC <sub>16</sub>  | 2008 09 05.4 | 22 57.61 | -46 31.1 | 20.0 | -1.21 | - 4.2 | 12.8/20.5 | 21292 |
| 2005 VE <sub>104</sub> | 2008 09 05.4 | 22 57.62 | -08 35.4 | 19.9 | -1.04 | - 3.5 | 0.8/04.9  | 20824 |
| 2003 UA <sub>191</sub> | 2008 09 05.4 | 22 57.63 | -32 51.9 | 20.8 | -0.90 | - 2.6 | 7.3/27.4  | 03549 |
| 2005 UU <sub>106</sub> | 2008 09 05.4 | 22 57.67 | -10 33.0 | 20.2 | -0.92 | - 6.3 | 1.5/04.2  | 20820 |
| 2002 EQ <sub>75</sub>  | 2008 09 05.4 | 22 57.75 | +05 38.2 | 20.2 | -0.89 | - 3.8 | 4.2/09.2  | 43150 |
| 2005 US <sub>160</sub> | 2008 09 05.4 | 22 57.75 | -13 56.1 | 18.7 | -0.89 | - 7.4 | 3.5/03.0  | 43238 |
| 1998 HV <sub>127</sub> | 2008 09 05.4 | 22 57.77 | -17 49.9 | 20.0 | -0.96 | - 2.4 | 3.5/02.2  | 97335 |
| 2003 SJ <sub>286</sub> | 2008 09 05.4 | 22 57.78 | -14 41.2 | 20.0 | -0.78 | - 4.4 | 2.6/02.8  | 42654 |
| 2001 SF <sub>314</sub> | 2008 09 05.4 | 22 57.79 | +06 20.6 | 18.9 | -0.90 | - 6.0 | 5.6/09.8  | 43129 |
| 2006 EB <sub>11</sub>  | 2008 09 05.4 | 22 57.79 | -11 12.6 | 20.7 | -0.92 | - 4.4 | 1.7/04.0  | 01466 |
| 2008 QA <sub>9</sub>   | 2008 09 05.4 | 22 57.83 | -06 38.3 | 18.4 | -0.89 | - 1.8 | 0.0/05.4  | 42998 |
| 2002 CY <sub>254</sub> | 2008 09 05.4 | 22 57.84 | +04 27.8 | 20.1 | -0.81 | - 6.1 | 3.6/09.2  | 43148 |
| 2002 FD <sub>30</sub>  | 2008 09 05.4 | 22 57.84 | -25 24.0 | 21.1 | -0.96 | - 2.8 | 5.8/30.7  | 97588 |
| 2006 BX <sub>87</sub>  | 2008 09 05.4 | 22 57.87 | -10 46.2 | 19.5 | -0.77 | - 5.0 | 1.4/04.1  | 41841 |
| 2003 SW <sub>54</sub>  | 2008 09 05.4 | 22 57.88 | +05 24.6 | 18.9 | -0.73 | - 6.1 | 3.9/09.6  | 43177 |
| 2003 XJ <sub>15</sub>  | 2008 09 05.4 | 22 57.89 | +31 32.2 | 18.8 | -1.29 | + 5.2 | 19.8/15.7 | 40683 |
| 1998 KN <sub>5</sub>   | 2008 09 05.4 | 22 57.95 | -19 54.7 | 20.7 | -0.81 | - 7.6 | 3.9/31.7  | 93723 |
| 2004 VX <sub>18</sub>  | 2008 09 05.4 | 22 58.00 | +15 18.4 | 18.9 | -0.76 | - 7.0 | 8.0/13.8  | 43222 |
| 2006 AD <sub>32</sub>  | 2008 09 05.4 | 22 58.01 | -18 51.3 | 19.2 | -0.92 | - 8.3 | 5.7/01.1  | 43251 |
| 2006 AF <sub>27</sub>  | 2008 09 05.4 | 22 58.02 | -09 02.1 | 22.0 | -0.80 | - 5.5 | 0.7/04.7  | 96913 |
| 2000 SL <sub>297</sub> | 2008 09 05.5 | 22 57.97 | -03 43.8 | 18.7 | -1.01 | - 0.5 | 1.2/06.3  | 43111 |
| 2002 ET <sub>19</sub>  | 2008 09 05.5 | 22 57.97 | -21 19.2 | 19.6 | -0.83 | - 7.2 | 4.5/31.3  | 43149 |
| 2005 WP <sub>102</sub> | 2008 09 05.5 | 22 58.11 | +25 14.3 | 20.1 | -0.90 | - 7.1 | 10.8/17.6 | 97999 |
| 2002 LM <sub>62</sub>  | 2008 09 05.5 | 22 58.14 | -28 55.9 | 20.0 | -0.75 | - 6.6 | 6.4/28.1  | 43155 |
| 2005 UP <sub>214</sub> | 2008 09 05.5 | 22 58.14 | +04 10.3 | 18.4 | -0.94 | - 3.6 | 5.2/08.8  | 43239 |
| 2007 VA <sub>8</sub>   | 2008 09 05.5 | 22 58.15 | -06 47.8 | 20.1 | -0.46 | - 3.7 | 0.0/05.5  | 43291 |
| 2005 AR <sub>58</sub>  | 2008 09 05.5 | 22 58.20 | +05 38.4 | 19.6 | -0.79 | - 2.8 | 3.5/09.4  | 43228 |
| 2003 UB <sub>248</sub> | 2008 09 05.5 | 22 58.23 | -14 00.9 | 20.0 | -0.81 | - 2.9 | 2.6/03.3  | 42675 |
| 1999 RF <sub>213</sub> | 2008 09 05.5 | 22 58.28 | -01 08.2 | 18.8 | -0.94 | - 1.4 | 1.9/07.1  | 43097 |
| 2002 EE <sub>86</sub>  | 2008 09 05.5 | 22 58.29 | -03 42.5 | 19.8 | -0.76 | - 7.5 | 0.9/06.6  | 43150 |
| 2002 FZ <sub>29</sub>  | 2008 09 05.5 | 22 58.31 | -07 48.8 | 19.7 | -0.93 | - 2.7 | 0.4/05.2  | 41781 |
| 2002 PX <sub>9</sub>   | 2008 09 05.5 | 22 58.32 | +07 28.0 | 19.3 | -0.76 | - 3.2 | 4.5/10.1  | 43157 |
| 2003 WW <sub>8</sub>   | 2008 09 05.5 | 22 58.32 | -23 50.6 | 19.8 | -0.90 | - 1.4 | 5.6/31.3  | 43192 |
| 2003 SX <sub>191</sub> | 2008 09 05.5 | 22 58.33 | +07 05.4 | 18.5 | -0.77 | - 3.7 | 4.9/10.1  | 43180 |
| 2000 CK <sub>114</sub> | 2008 09 05.5 | 22 58.33 | +00 36.4 | 20.4 | -0.76 | - 3.2 | 1.9/08.0  | 43103 |

|                        |              |          |               |       |       |           |       |
|------------------------|--------------|----------|---------------|-------|-------|-----------|-------|
| 2003 FA <sub>32</sub>  | 2008 09 05.5 | 22 58.33 | -13 10.8 19.8 | -0.52 | - 2.3 | 1.2/03.3  | 43169 |
| 2003 WO <sub>5</sub>   | 2008 09 05.5 | 22 58.36 | +24 19.4 20.1 | -0.76 | - 4.0 | 10.2/16.8 | 97691 |
| 2008 QM <sub>9</sub>   | 2008 09 05.5 | 22 58.38 | -05 32.3 19.4 | -0.83 | - 1.9 | 0.3/05.9  | 42998 |
| 2006 AO <sub>96</sub>  | 2008 09 05.5 | 22 58.40 | -00 12.0 19.7 | -0.83 | - 4.5 | 2.0/07.6  | 96971 |
| 1996 VG <sub>33</sub>  | 2008 09 05.5 | 22 58.42 | -14 57.2 20.1 | -0.94 | - 5.1 | 2.8/02.9  | 01966 |
| 2003 YZ <sub>150</sub> | 2008 09 05.5 | 22 58.44 | +26 20.5 19.2 | -1.14 | + 4.4 | 10.8/13.2 | 41137 |
| 2007 DJ <sub>97</sub>  | 2008 09 05.6 | 22 58.34 | -05 21.1 21.6 | -0.92 | - 7.0 | 0.4/06.0  | 19707 |
| 2007 DV <sub>11</sub>  | 2008 09 05.6 | 22 58.36 | +17 40.6 19.4 | -1.66 | +10.1 | 13.6/09.0 | 18202 |
| 2006 DY <sub>78</sub>  | 2008 09 05.6 | 22 58.38 | -04 31.6 21.8 | -0.91 | - 4.2 | 0.7/06.2  | 02294 |
| 2000 YH <sub>111</sub> | 2008 09 05.6 | 22 58.40 | -16 21.2 19.1 | -0.89 | - 6.4 | 3.6/02.3  | 72297 |
| 2005 WX <sub>29</sub>  | 2008 09 05.6 | 22 58.43 | -08 23.7 20.2 | -0.98 | - 5.2 | 0.7/05.1  | 41833 |
| 2006 DK <sub>11</sub>  | 2008 09 05.6 | 22 58.45 | -10 12.4 19.8 | -0.97 | - 1.6 | 1.2/04.6  | 02287 |
| 2006 BZ <sub>107</sub> | 2008 09 05.6 | 22 58.48 | -06 22.3 19.9 | -0.88 | - 4.2 | 0.1/05.7  | 43254 |
| 2003 SY <sub>233</sub> | 2008 09 05.6 | 22 58.51 | -10 01.1 19.7 | -0.74 | - 5.5 | 1.1/04.5  | 21333 |
| 2001 YW <sub>122</sub> | 2008 09 05.6 | 22 58.51 | -21 57.7 20.3 | -1.00 | - 4.5 | 5.2/31.7  | 97540 |
| 2006 BG <sub>223</sub> | 2008 09 05.6 | 22 58.54 | -09 59.6 18.9 | -0.76 | - 7.6 | 1.3/04.4  | 43257 |
| 2004 VH <sub>57</sub>  | 2008 09 05.6 | 22 58.59 | -19 15.8 19.1 | -0.91 | - 3.0 | 4.9/01.7  | 43223 |
| 2001 RA <sub>103</sub> | 2008 09 05.6 | 22 58.65 | -06 04.7 18.5 | -0.86 | - 3.5 | 0.2/05.8  | 43125 |
| 2001 SE <sub>350</sub> | 2008 09 05.6 | 22 58.65 | -04 31.8 19.1 | -0.83 | - 4.4 | 1.0/06.3  | 42593 |
| 2000 UX <sub>33</sub>  | 2008 09 05.6 | 22 58.66 | -42 27.6 19.6 | -1.19 | + 0.2 | 11.9/25.1 | 43112 |
| 2001 SS <sub>285</sub> | 2008 09 05.6 | 22 58.67 | -05 22.4 20.3 | -0.93 | - 5.8 | 0.5/06.0  | 43129 |
| 2005 TX <sub>57</sub>  | 2008 09 05.6 | 22 58.69 | -17 19.0 19.7 | -1.10 | - 3.6 | 4.5/02.5  | 19656 |
| 2007 BX <sub>7</sub>   | 2008 09 05.6 | 22 58.72 | +01 59.7 19.1 | -1.54 | + 5.2 | 4.3/07.1  | 42867 |
| 2006 DN <sub>17</sub>  | 2008 09 05.6 | 22 58.74 | -12 56.4 20.9 | -0.87 | - 4.2 | 2.3/03.7  | 02288 |
| 2004 RN <sub>249</sub> | 2008 09 05.6 | 22 58.75 | +01 22.6 19.8 | -0.84 | - 7.1 | 2.8/08.4  | 95429 |
| 2001 UW <sub>42</sub>  | 2008 09 05.7 | 22 58.70 | -10 48.2 19.5 | -0.94 | - 6.0 | 1.6/04.3  | 20749 |
| 2004 ES <sub>93</sub>  | 2008 09 05.7 | 22 58.70 | -08 38.2 21.1 | -0.96 | - 8.7 | 0.8/05.0  | 16264 |
| 2006 HD <sub>31</sub>  | 2008 09 05.7 | 22 58.71 | -01 47.4 20.4 | -0.68 | - 7.0 | 1.3/07.4  | 43267 |
| 2008 QU <sub>6</sub>   | 2008 09 05.7 | 22 58.71 | -04 38.2 19.8 | -0.91 | - 6.3 | 0.8/06.3  | 42995 |
| 2004 TX <sub>229</sub> | 2008 09 05.7 | 22 58.71 | -03 56.5 20.9 | -0.74 | - 6.4 | 1.2/06.6  | 43218 |
| 2001 WP <sub>75</sub>  | 2008 09 05.7 | 22 58.82 | -05 49.2 19.6 | -0.87 | - 6.1 | 0.3/06.0  | 43137 |
| 2006 FN <sub>8</sub>   | 2008 09 05.7 | 22 58.85 | +01 14.4 20.3 | -0.69 | - 6.5 | 2.3/08.5  | 03881 |
| 1998 FJ <sub>2</sub>   | 2008 09 05.7 | 22 58.88 | -23 33.1 19.8 | -1.26 | + 1.2 | 5.4/01.6  | 01968 |
| 2002 CU <sub>160</sub> | 2008 09 05.7 | 22 58.91 | -14 06.6 20.8 | -0.92 | - 4.4 | 2.5/03.4  | 97569 |
| 2007 EK <sub>217</sub> | 2008 09 05.7 | 22 58.92 | -07 31.9 21.8 | -0.90 | - 5.4 | 0.3/05.4  | 38130 |
| 2003 SZ <sub>293</sub> | 2008 09 05.7 | 22 58.95 | +06 30.1 18.7 | -0.58 | -11.2 | 5.0/11.1  | 42655 |
| 2008 PN <sub>15</sub>  | 2008 09 05.7 | 22 58.97 | -03 43.1 17.9 | -0.94 | + 0.8 | 1.2/06.5  | 42991 |
| 2002 PG <sub>178</sub> | 2008 09 05.7 | 22 59.00 | +07 09.9 18.6 | -0.88 | - 0.6 | 4.9/09.6  | 42618 |
| 2004 RS <sub>298</sub> | 2008 09 05.7 | 22 59.00 | -03 45.0 19.9 | -0.80 | - 7.8 | 0.9/06.7  | 43211 |
| 2003 SK <sub>138</sub> | 2008 09 05.7 | 22 59.02 | -15 38.2 19.5 | -0.91 | - 1.1 | 3.2/03.2  | 43178 |
| 2000 XM <sub>34</sub>  | 2008 09 05.7 | 22 59.04 | -15 43.1 19.5 | -0.96 | - 2.2 | 3.0/03.1  | 02021 |
| 2005 WZ <sub>150</sub> | 2008 09 05.7 | 22 59.05 | -10 50.2 19.2 | -0.99 | - 4.9 | 1.9/04.5  | 43244 |
| 2005 UZ <sub>191</sub> | 2008 09 05.7 | 22 59.05 | -04 06.2 20.5 | -0.93 | - 5.6 | 0.8/06.5  | 43238 |
| 2000 YD <sub>59</sub>  | 2008 09 05.7 | 22 59.05 | -13 34.9 20.0 | -0.83 | - 5.5 | 2.2/03.4  | 00004 |
| 2008 RU <sub>27</sub>  | 2008 09 05.7 | 22 59.06 | -06 22.1 17.8 | -0.59 | -15.9 | 0.1/05.8  | 43007 |
| 2007 DN <sub>114</sub> | 2008 09 05.7 | 22 59.08 | -11 39.0 21.6 | -0.97 | - 4.4 | 1.8/04.2  | 41864 |
| 2003 SE <sub>260</sub> | 2008 09 05.7 | 22 59.08 | +23 34.3 19.6 | -0.70 | - 6.5 | 8.2/17.5  | 43182 |
| 2003 UU <sub>62</sub>  | 2008 09 05.7 | 22 59.08 | -17 19.8 18.5 | -0.73 | - 6.5 | 3.5/01.9  | 43186 |
| 2003 SY <sub>293</sub> | 2008 09 05.7 | 22 59.09 | -29 23.7 18.5 | -0.93 | - 0.9 | 8.8/29.5  | 43183 |
| 2005 WU <sub>139</sub> | 2008 09 05.7 | 22 59.10 | -06 21.0 20.1 | -0.90 | - 5.4 | 0.0/05.8  | 41834 |
| 2001 UF <sub>149</sub> | 2008 09 05.8 | 22 59.07 | -14 25.1 19.3 | -0.94 | - 5.3 | 3.5/03.3  | 42600 |

|                        |              |          |               |       |       |           |       |
|------------------------|--------------|----------|---------------|-------|-------|-----------|-------|
| 2004 XM <sub>72</sub>  | 2008 09 05.8 | 22 59.07 | -05 47.8 20.4 | -0.77 | - 6.4 | 0.2/06.0  | 43225 |
| 2006 FM <sub>36</sub>  | 2008 09 05.8 | 22 59.07 | -10 43.0 20.5 | -0.73 | - 4.8 | 1.2/04.4  | 01539 |
| 2001 SQ <sub>341</sub> | 2008 09 05.8 | 22 59.09 | -20 13.9 18.2 | -0.88 | - 6.5 | 6.3/01.1  | 43129 |
| 2008 QP <sub>14</sub>  | 2008 09 05.8 | 22 59.12 | -05 01.2 20.4 | -0.77 | - 6.7 | 0.5/06.3  | 43001 |
| 2005 UX <sub>83</sub>  | 2008 09 05.8 | 22 59.12 | -06 36.9 19.4 | -0.87 | - 6.4 | 0.1/05.8  | 42774 |
| 2008 QH <sub>14</sub>  | 2008 09 05.8 | 22 59.14 | -04 09.6 19.4 | -0.97 | - 3.9 | 1.0/06.5  | 43001 |
| 2003 SM <sub>224</sub> | 2008 09 05.8 | 22 59.15 | -16 02.5 19.9 | -0.89 | - 1.3 | 3.1/03.1  | 10987 |
| 2004 GK <sub>38</sub>  | 2008 09 05.8 | 22 59.15 | -02 52.3 19.9 | -1.05 | - 4.6 | 1.5/06.9  | 22772 |
| 2003 GC <sub>24</sub>  | 2008 09 05.8 | 22 59.15 | -30 35.2 19.8 | -1.16 | + 0.9 | 9.2/30.6  | 41789 |
| 2007 DH <sub>35</sub>  | 2008 09 05.8 | 22 59.18 | -07 56.6 20.0 | -1.01 | - 3.3 | 0.6/05.4  | 42871 |
| 2006 FX <sub>45</sub>  | 2008 09 05.8 | 22 59.22 | -41 35.4 20.8 | -0.98 | - 0.8 | 8.2/25.1  | 03884 |
| 1998 XB <sub>10</sub>  | 2008 09 05.8 | 22 59.23 | -17 55.4 21.0 | -0.98 | - 5.8 | 3.9/02.2  | 21292 |
| 2002 QW <sub>97</sub>  | 2008 09 05.8 | 22 59.23 | +03 22.6 19.9 | -0.81 | - 1.7 | 2.6/08.8  | 13922 |
| 2005 UQ <sub>62</sub>  | 2008 09 05.8 | 22 59.26 | +02 37.0 19.5 | -0.85 | - 8.6 | 4.3/09.1  | 97887 |
| 2004 PP <sub>65</sub>  | 2008 09 05.8 | 22 59.33 | -01 54.4 18.6 | -0.85 | - 5.5 | 2.0/07.3  | 19618 |
| 2003 BL <sub>58</sub>  | 2008 09 05.8 | 22 59.35 | -10 24.6 20.3 | -0.91 | - 6.8 | 1.4/04.6  | 20774 |
| 2002 QY <sub>67</sub>  | 2008 09 05.8 | 22 59.35 | +02 37.4 19.4 | -0.79 | - 2.3 | 2.8/08.6  | 77629 |
| 2001 PM <sub>39</sub>  | 2008 09 05.8 | 22 59.36 | -24 13.4 18.8 | -0.91 | - 5.3 | 8.4/30.7  | 43121 |
| 2003 UJ <sub>258</sub> | 2008 09 05.8 | 22 59.39 | -12 39.7 20.1 | -0.78 | - 5.7 | 2.1/03.8  | 58035 |
| 2008 QG <sub>14</sub>  | 2008 09 05.8 | 22 59.39 | -04 54.4 19.5 | -0.86 | - 6.1 | 0.8/06.4  | 43001 |
| 2001 UX <sub>59</sub>  | 2008 09 05.8 | 22 59.43 | -03 00.2 18.8 | -0.85 | - 5.3 | 1.7/07.0  | 43133 |
| 2004 PY <sub>75</sub>  | 2008 09 05.8 | 22 59.43 | -01 43.8 19.1 | -0.91 | - 9.1 | 1.9/08.0  | 43205 |
| 2004 TD <sub>260</sub> | 2008 09 05.8 | 22 59.44 | -03 52.7 19.0 | -0.79 | - 6.0 | 1.0/06.7  | 43219 |
| 2004 PT <sub>86</sub>  | 2008 09 05.8 | 22 59.47 | -13 16.9 18.7 | -0.99 | - 3.3 | 3.0/03.9  | 43205 |
| 2002 TQ <sub>170</sub> | 2008 09 05.8 | 22 59.48 | +14 35.0 19.9 | -0.71 | - 3.4 | 6.0/13.2  | 56677 |
| 2006 DW <sub>131</sub> | 2008 09 05.9 | 22 59.41 | -12 30.3 21.6 | -0.75 | - 4.1 | 1.6/03.9  | 40415 |
| 2007 GZ <sub>44</sub>  | 2008 09 05.9 | 22 59.43 | -02 11.7 21.1 | -0.82 | - 7.0 | 1.5/07.4  | 43280 |
| 2002 PL <sub>12</sub>  | 2008 09 05.9 | 22 59.45 | +16 49.5 19.2 | -0.82 | - 1.7 | 7.1/13.3  | 43157 |
| 2003 UG <sub>173</sub> | 2008 09 05.9 | 22 59.45 | +09 27.5 19.2 | -0.70 | - 5.8 | 5.3/11.6  | 43189 |
| 2006 CZ <sub>8</sub>   | 2008 09 05.9 | 22 59.49 | -09 02.4 19.5 | -0.79 | - 5.6 | 0.9/05.1  | 43258 |
| 2001 ET <sub>27</sub>  | 2008 09 05.9 | 22 59.52 | -07 36.5 21.1 | -0.81 | - 4.4 | 0.3/05.6  | 41764 |
| 2003 UM <sub>199</sub> | 2008 09 05.9 | 22 59.52 | -08 15.0 19.2 | -0.77 | - 4.1 | 0.6/05.3  | 43190 |
| 1995 CB <sub>6</sub>   | 2008 09 05.9 | 22 59.54 | -03 23.2 19.5 | -0.87 | - 5.7 | 1.5/06.9  | 43091 |
| 2003 SU <sub>223</sub> | 2008 09 05.9 | 22 59.55 | +29 41.0 18.4 | -0.67 | - 7.6 | 11.7/22.2 | 41796 |
| 2003 BC <sub>13</sub>  | 2008 09 05.9 | 22 59.58 | +02 19.6 19.8 | -0.99 | - 4.4 | 3.2/08.6  | 90169 |
| 2002 FA <sub>27</sub>  | 2008 09 05.9 | 22 59.61 | -18 45.4 20.9 | -0.52 | - 2.0 | 2.1/01.7  | 48225 |
| 2005 XA <sub>22</sub>  | 2008 09 05.9 | 22 59.63 | +07 22.2 18.8 | -0.97 | - 3.3 | 6.1/10.2  | 43245 |
| 2004 TJ <sub>34</sub>  | 2008 09 05.9 | 22 59.64 | -06 15.7 20.6 | -0.85 | - 4.7 | 0.1/06.0  | 41816 |
| 1999 PQ <sub>2</sub>   | 2008 09 05.9 | 22 59.64 | -05 06.5 20.3 | -0.90 | - 2.7 | 0.5/06.3  | 43096 |
| 2004 RN <sub>272</sub> | 2008 09 05.9 | 22 59.64 | -07 57.8 20.9 | -0.83 | - 7.2 | 0.5/05.4  | 41814 |
| 2002 PR <sub>23</sub>  | 2008 09 05.9 | 22 59.69 | +01 23.4 19.0 | -0.79 | - 2.5 | 2.5/08.4  | 43157 |
| 1999 RY <sub>246</sub> | 2008 09 05.9 | 22 59.69 | +00 07.5 19.0 | -0.69 | -11.6 | 2.4/08.5  | 43097 |
| 2004 XC <sub>99</sub>  | 2008 09 05.9 | 22 59.71 | -19 07.7 20.2 | -0.74 | - 4.8 | 3.3/01.6  | 11076 |
| 2006 DF <sub>49</sub>  | 2008 09 05.9 | 22 59.74 | -12 38.1 20.1 | -0.90 | - 4.6 | 2.1/04.0  | 97196 |
| 2005 YJ <sub>191</sub> | 2008 09 05.9 | 22 59.76 | -10 35.1 20.4 | -0.82 | - 4.9 | 1.3/04.6  | 20832 |
| 2007 DT <sub>88</sub>  | 2008 09 05.9 | 22 59.77 | -10 05.5 20.1 | -0.92 | - 6.1 | 1.4/04.8  | 19369 |
| 2002 GX <sub>59</sub>  | 2008 09 05.9 | 22 59.79 | +21 18.8 19.9 | -0.83 | - 9.4 | 8.5/16.7  | 02093 |
| 2001 WJ <sub>19</sub>  | 2008 09 05.9 | 22 59.83 | -03 07.5 19.6 | -0.90 | - 6.1 | 1.4/07.0  | 43137 |
| 2003 SK <sub>225</sub> | 2008 09 05.9 | 22 59.85 | -14 21.1 19.5 | -0.87 | - 1.6 | 2.8/03.7  | 43181 |
| 1436 T-2               | 2008 09 06.0 | 22 59.80 | -06 07.1 19.7 | -0.53 | - 2.4 | 0.1/06.1  | 43008 |
| 2003 QH <sub>78</sub>  | 2008 09 06.0 | 22 59.82 | +00 45.9 18.0 | -0.87 | - 1.6 | 2.6/08.0  | 41792 |

2008 SEPT. 17

M.P.C. 63895

|                        |              |          |          |      |       |       |          |       |
|------------------------|--------------|----------|----------|------|-------|-------|----------|-------|
| 2005 YJ <sub>23</sub>  | 2008 09 06.0 | 22 59.84 | -15 03.7 | 20.3 | -0.83 | - 6.1 | 3.1/03.1 | 98035 |
| 2007 HE <sub>81</sub>  | 2008 09 06.0 | 22 59.86 | +01 17.1 | 20.1 | -0.87 | - 7.3 | 2.8/08.6 | 43282 |
| 2002 QW <sub>107</sub> | 2008 09 06.0 | 22 59.91 | +02 40.1 | 19.7 | -0.80 | - 2.2 | 2.8/08.8 | 12255 |
| 2000 WY <sub>162</sub> | 2008 09 06.0 | 22 59.94 | -09 31.2 | 19.9 | -0.79 | - 8.3 | 1.3/04.9 | 43115 |
| 2003 UM <sub>113</sub> | 2008 09 06.0 | 22 59.96 | -03 25.7 | 18.1 | -0.56 | -10.4 | 1.2/07.2 | 43188 |
| 1994 CF                | 2008 09 06.0 | 22 59.97 | +04 23.8 | 20.3 | -0.88 | - 4.5 | 3.5/09.5 | 97323 |
| 2003 UV <sub>147</sub> | 2008 09 06.0 | 22 59.99 | -09 35.3 | 19.6 | -0.72 | - 6.1 | 1.0/04.9 | 41801 |
| 2006 DF <sub>23</sub>  | 2008 09 06.0 | 23 00.03 | -09 44.7 | 20.6 | -0.73 | - 6.0 | 1.0/04.9 | 38086 |
| 2004 CM <sub>74</sub>  | 2008 09 06.0 | 23 00.03 | +09 24.3 | 20.6 | -0.61 | - 2.6 | 3.3/11.4 | 21338 |
| 1995 CA <sub>4</sub>   | 2008 09 06.0 | 23 00.03 | -06 17.7 | 20.5 | -0.89 | - 6.6 | 0.0/06.1 | 43091 |
| 2006 DZ <sub>212</sub> | 2008 09 06.0 | 23 00.04 | -06 19.8 | 21.2 | -0.72 | - 5.9 | 0.0/06.1 | 43264 |
| 2005 XN <sub>60</sub>  | 2008 09 06.0 | 23 00.09 | +01 13.6 | 20.2 | -0.95 | - 5.4 | 2.9/08.4 | 19258 |
| 2006 DK <sub>34</sub>  | 2008 09 06.0 | 23 00.11 | -04 49.0 | 20.3 | -0.70 | - 8.0 | 0.5/06.6 | 42802 |
| 2002 CK <sub>80</sub>  | 2008 09 06.0 | 23 00.13 | -06 55.5 | 19.4 | -0.50 | - 2.0 | 0.1/05.9 | 43146 |
| 2006 AL <sub>100</sub> | 2008 09 06.0 | 23 00.16 | -06 35.9 | 21.0 | -0.84 | - 3.9 | 0.1/06.0 | 09492 |
| 2002 CK <sub>54</sub>  | 2008 09 06.0 | 23 00.17 | +00 35.5 | 18.8 | -1.01 | - 0.7 | 2.6/07.9 | 97561 |
| 2005 YB <sub>164</sub> | 2008 09 06.1 | 23 00.15 | +11 31.9 | 18.6 | -1.00 | - 2.3 | 7.1/11.7 | 43249 |
| 2003 SH <sub>94</sub>  | 2008 09 06.1 | 23 00.18 | +06 20.4 | 18.5 | -0.73 | - 5.6 | 4.4/10.5 | 43178 |
| 2004 PP <sub>85</sub>  | 2008 09 06.1 | 23 00.18 | -11 38.9 | 18.4 | -0.70 | - 7.7 | 2.4/04.2 | 42703 |
| 2005 AW <sub>57</sub>  | 2008 09 06.1 | 23 00.19 | -19 31.4 | 20.9 | -0.82 | - 3.3 | 3.5/01.9 | 02239 |
| 2003 UK <sub>15</sub>  | 2008 09 06.1 | 23 00.19 | -15 38.7 | 20.9 | -0.85 | - 2.2 | 3.1/03.3 | 57987 |
| 2001 UE <sub>31</sub>  | 2008 09 06.1 | 23 00.19 | -03 11.9 | 19.0 | -0.70 | - 9.9 | 1.6/07.3 | 42598 |
| 2007 FC <sub>43</sub>  | 2008 09 06.1 | 23 00.20 | -14 43.3 | 20.2 | -1.04 | - 0.9 | 2.7/03.9 | 43278 |
| 2005 AG <sub>55</sub>  | 2008 09 06.1 | 23 00.22 | -21 27.5 | 19.4 | -0.74 | - 6.3 | 4.8/31.7 | 43228 |
| 2004 TR <sub>228</sub> | 2008 09 06.1 | 23 00.24 | -05 55.5 | 20.7 | -0.85 | - 4.7 | 0.2/06.3 | 43218 |
| 2002 GB <sub>37</sub>  | 2008 09 06.1 | 23 00.24 | -15 23.1 | 21.2 | -0.87 | - 4.3 | 2.6/03.3 | 94730 |
| 2000 CU <sub>34</sub>  | 2008 09 06.1 | 23 00.27 | -16 08.9 | 20.9 | -0.68 | - 6.3 | 2.3/02.7 | 01994 |
| 2006 DW <sub>109</sub> | 2008 09 06.1 | 23 00.30 | -10 25.5 | 19.7 | -0.97 | - 0.2 | 1.4/05.1 | 43262 |
| 2003 UT <sub>36</sub>  | 2008 09 06.1 | 23 00.33 | +13 20.6 | 20.0 | -0.76 | - 4.2 | 6.5/12.8 | 57991 |
| 2002 ET <sub>136</sub> | 2008 09 06.1 | 23 00.35 | -03 45.8 | 19.8 | -0.45 | - 5.4 | 0.5/07.1 | 43151 |
| 2003 SF <sub>273</sub> | 2008 09 06.1 | 23 00.40 | -01 18.1 | 19.7 | -0.85 | - 2.1 | 1.6/07.6 | 72906 |
| 2004 RF <sub>338</sub> | 2008 09 06.1 | 23 00.43 | -10 05.5 | 19.7 | -0.87 | - 4.2 | 1.4/05.0 | 19631 |
| 2004 TZ <sub>335</sub> | 2008 09 06.1 | 23 00.43 | +01 44.1 | 19.6 | -0.78 | - 6.4 | 2.9/08.9 | 43220 |
| 2003 SU <sub>225</sub> | 2008 09 06.1 | 23 00.44 | +02 03.5 | 18.6 | -0.68 | - 7.0 | 2.6/09.2 | 43181 |
| 2003 UG <sub>198</sub> | 2008 09 06.1 | 23 00.46 | +00 15.3 | 19.9 | -0.70 | - 6.5 | 2.0/08.5 | 43190 |
| 2002 CA <sub>220</sub> | 2008 09 06.1 | 23 00.47 | -10 49.4 | 19.5 | -0.98 | - 1.8 | 1.5/04.9 | 43148 |
| 1996 FQ <sub>13</sub>  | 2008 09 06.1 | 23 00.51 | -05 23.3 | 20.8 | -0.85 | - 8.9 | 0.4/06.5 | 17892 |
| 2005 YJ <sub>15</sub>  | 2008 09 06.1 | 23 00.54 | -18 52.7 | 19.1 | -0.76 | - 7.6 | 5.4/01.6 | 43246 |
| 2004 VT <sub>59</sub>  | 2008 09 06.1 | 23 00.55 | -06 55.8 | 19.9 | -0.91 | - 4.0 | 0.2/06.0 | 41821 |
| 2004 TL <sub>272</sub> | 2008 09 06.1 | 23 00.56 | -00 56.7 | 19.7 | -0.82 | - 4.9 | 2.0/07.9 | 20809 |
| 2005 TB <sub>192</sub> | 2008 09 06.1 | 23 00.58 | +00 00.4 | 20.8 | -0.92 | - 7.2 | 2.3/08.3 | 22798 |
| 2003 UC <sub>108</sub> | 2008 09 06.2 | 23 00.52 | +08 14.3 | 19.9 | -0.76 | - 3.8 | 4.2/11.0 | 43187 |
| 2003 SE <sub>328</sub> | 2008 09 06.2 | 23 00.61 | -00 35.2 | 20.5 | -0.83 | - 3.0 | 1.9/08.0 | 43183 |
| 2004 TY <sub>141</sub> | 2008 09 06.2 | 23 00.61 | -09 51.5 | 19.6 | -0.86 | - 5.2 | 1.3/05.1 | 43217 |
| 2002 EN <sub>99</sub>  | 2008 09 06.2 | 23 00.67 | -11 17.2 | 21.3 | -0.89 | - 5.2 | 1.5/04.7 | 94700 |
| 2001 UH <sub>64</sub>  | 2008 09 06.2 | 23 00.69 | -09 34.2 | 19.5 | -0.98 | - 4.0 | 1.2/05.3 | 97491 |
| 1999 TH <sub>119</sub> | 2008 09 06.2 | 23 00.70 | +00 26.3 | 19.1 | -0.76 | - 8.6 | 2.7/08.0 | 42576 |
| 2001 SS <sub>227</sub> | 2008 09 06.2 | 23 00.71 | -14 13.9 | 19.4 | -1.05 | - 1.3 | 3.5/04.1 | 42592 |
| 2005 UZ <sub>7</sub>   | 2008 09 06.2 | 23 00.75 | +00 13.1 | 19.5 | -0.93 | - 6.7 | 2.5/08.4 | 43235 |
| 2005 WP <sub>157</sub> | 2008 09 06.2 | 23 00.79 | +03 22.4 | 19.3 | -0.89 | - 3.9 | 4.5/09.3 | 43244 |
| 2004 XY <sub>125</sub> | 2008 09 06.2 | 23 00.79 | -33 32.1 | 20.4 | -0.90 | - 2.6 | 7.4/27.9 | 02234 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 EZ <sub>118</sub> | 2008 09 06.2 | 23 00.79 | -08 13.8 | 19.8 | -0.84 | - 6.2 | 0.7/05.6  | 41867 |
| 2007 BD <sub>70</sub>  | 2008 09 06.2 | 23 00.82 | -03 16.2 | 19.8 | -0.81 | - 7.6 | 1.0/07.3  | 43272 |
| 2000 QY <sub>182</sub> | 2008 09 06.2 | 23 00.88 | +01 00.8 | 18.7 | -0.70 | - 6.4 | 3.5/08.9  | 43107 |
| 2004 RF <sub>337</sub> | 2008 09 06.2 | 23 00.88 | -09 29.4 | 20.2 | -0.89 | - 3.7 | 1.1/05.3  | 97745 |
| 2001 SR <sub>241</sub> | 2008 09 06.2 | 23 00.89 | -13 38.9 | 19.2 | -0.92 | - 3.0 | 3.6/04.1  | 42592 |
| 2006 DM <sub>54</sub>  | 2008 09 06.2 | 23 00.92 | -08 34.1 | 19.2 | -0.81 | - 4.4 | 0.8/05.6  | 43260 |
| 2006 AU <sub>63</sub>  | 2008 09 06.3 | 23 00.86 | -12 39.3 | 19.9 | -0.88 | - 5.2 | 2.4/04.3  | 43251 |
| 2006 GD <sub>43</sub>  | 2008 09 06.3 | 23 00.86 | -04 07.0 | 20.2 | -0.91 | - 4.4 | 0.8/07.0  | 43267 |
| 2002 CR <sub>224</sub> | 2008 09 06.3 | 23 00.87 | -18 16.7 | 19.8 | -0.91 | - 4.6 | 4.0/02.5  | 17997 |
| 2000 GN <sub>99</sub>  | 2008 09 06.3 | 23 00.89 | +00 22.6 | 19.5 | -0.94 | - 6.0 | 2.5/08.4  | 17911 |
| 2003 UX <sub>135</sub> | 2008 09 06.3 | 23 00.90 | -20 23.2 | 19.9 | -1.00 | - 0.8 | 4.3/02.3  | 76094 |
| 2002 AV <sub>30</sub>  | 2008 09 06.3 | 23 00.90 | -01 42.7 | 20.0 | -0.92 | - 5.2 | 1.7/07.7  | 43143 |
| 2001 OA <sub>92</sub>  | 2008 09 06.3 | 23 00.94 | -18 15.4 | 18.9 | -0.93 | - 5.5 | 5.5/02.5  | 43121 |
| 2005 UE <sub>110</sub> | 2008 09 06.3 | 23 01.04 | -05 18.0 | 19.0 | -0.90 | - 3.8 | 0.5/06.6  | 43237 |
| 2006 CH <sub>18</sub>  | 2008 09 06.3 | 23 01.08 | -10 41.2 | 19.9 | -0.76 | - 7.8 | 1.5/04.8  | 20491 |
| 1994 CX <sub>4</sub>   | 2008 09 06.3 | 23 01.08 | -05 08.3 | 20.2 | -0.81 | - 7.4 | 0.4/06.7  | 43091 |
| 2001 TG <sub>200</sub> | 2008 09 06.3 | 23 01.11 | -18 07.3 | 18.7 | -0.96 | - 5.9 | 5.4/02.4  | 35564 |
| 2002 BW <sub>18</sub>  | 2008 09 06.3 | 23 01.15 | -23 25.7 | 19.8 | -0.91 | - 5.7 | 6.0/31.5  | 41778 |
| 2003 EL <sub>57</sub>  | 2008 09 06.3 | 23 01.16 | -19 10.0 | 20.6 | -0.87 | - 7.2 | 4.0/02.0  | 22730 |
| 2005 CT <sub>63</sub>  | 2008 09 06.3 | 23 01.18 | -10 07.5 | 19.9 | -0.62 | - 7.0 | 0.9/05.0  | 00922 |
| 2003 SN <sub>315</sub> | 2008 09 06.3 | 23 01.23 | -30 06.3 | 19.4 | -0.84 | - 5.7 | 6.7/28.5  | 02176 |
| 2005 WY <sub>139</sub> | 2008 09 06.3 | 23 01.25 | -10 03.3 | 21.4 | -0.91 | - 5.3 | 1.3/05.2  | 20826 |
| 2005 YF <sub>45</sub>  | 2008 09 06.3 | 23 01.25 | -02 00.8 | 19.0 | -0.85 | - 5.5 | 2.1/07.8  | 43247 |
| 2005 YC <sub>144</sub> | 2008 09 06.3 | 23 01.26 | -10 19.1 | 21.8 | -0.92 | - 5.7 | 1.4/05.1  | 03823 |
| 2006 DK <sub>102</sub> | 2008 09 06.3 | 23 01.27 | -08 55.8 | 20.4 | -0.70 | - 4.7 | 0.7/05.5  | 41846 |
| 2005 UZ <sub>152</sub> | 2008 09 06.3 | 23 01.29 | -09 12.7 | 21.1 | -0.94 | - 5.1 | 1.0/05.5  | 20820 |
| 2001 QP <sub>247</sub> | 2008 09 06.4 | 23 01.23 | -12 26.0 | 17.4 | -0.80 | - 2.3 | 3.3/04.5  | 43123 |
| 2002 GJ <sub>174</sub> | 2008 09 06.4 | 23 01.24 | -05 22.6 | 19.1 | -0.78 | - 8.2 | 0.3/06.7  | 43154 |
| 2007 EV <sub>55</sub>  | 2008 09 06.4 | 23 01.26 | -13 06.8 | 18.8 | -0.84 | - 7.1 | 3.3/04.1  | 43275 |
| 2002 YX <sub>28</sub>  | 2008 09 06.4 | 23 01.27 | -14 24.0 | 20.2 | -0.95 | - 7.3 | 3.1/03.7  | 19587 |
| 2003 ST <sub>256</sub> | 2008 09 06.4 | 23 01.28 | -05 12.5 | 19.3 | -0.77 | - 4.8 | 0.4/06.8  | 43182 |
| 2005 UT <sub>222</sub> | 2008 09 06.4 | 23 01.28 | -12 29.7 | 20.6 | -1.04 | - 3.5 | 2.6/04.6  | 17617 |
| 2007 FL <sub>45</sub>  | 2008 09 06.4 | 23 01.28 | -10 40.0 | 21.9 | -1.00 | - 3.8 | 1.6/05.1  | 40462 |
| 2005 YO <sub>189</sub> | 2008 09 06.4 | 23 01.29 | -18 47.3 | 19.5 | -0.81 | - 7.2 | 4.5/02.0  | 43249 |
| 2002 NQ <sub>60</sub>  | 2008 09 06.4 | 23 01.30 | +04 51.3 | 20.0 | -0.71 | - 5.3 | 3.4/10.3  | 43156 |
| 2005 YO <sub>36</sub>  | 2008 09 06.4 | 23 01.31 | -12 14.3 | 19.9 | -0.81 | - 5.4 | 1.9/04.5  | 43247 |
| 2004 TU <sub>95</sub>  | 2008 09 06.4 | 23 01.33 | -27 23.1 | 19.3 | -1.11 | + 2.0 | 8.9/01.0  | 43216 |
| 2005 UW <sub>97</sub>  | 2008 09 06.4 | 23 01.35 | -23 17.0 | 20.5 | -0.99 | - 4.2 | 5.8/01.2  | 19660 |
| 2005 WH <sub>67</sub>  | 2008 09 06.4 | 23 01.35 | -02 00.6 | 20.0 | -0.90 | - 6.2 | 1.6/08.0  | 43243 |
| 2005 YA <sub>79</sub>  | 2008 09 06.4 | 23 01.40 | -09 49.2 | 21.1 | -0.84 | - 5.5 | 1.2/05.3  | 20830 |
| 2005 YC <sub>54</sub>  | 2008 09 06.4 | 23 01.40 | -00 41.0 | 20.2 | -0.84 | - 4.7 | 1.9/08.2  | 41232 |
| 2001 VX <sub>5</sub>   | 2008 09 06.4 | 23 01.45 | -08 17.1 | 20.2 | -0.92 | - 6.6 | 0.8/05.8  | 41773 |
| 2003 SZ <sub>266</sub> | 2008 09 06.4 | 23 01.46 | -14 37.0 | 19.1 | -0.90 | - 0.9 | 2.9/04.1  | 43182 |
| 2007 BH <sub>44</sub>  | 2008 09 06.4 | 23 01.46 | +13 01.1 | 18.7 | -1.59 | + 8.6 | 10.4/09.3 | 43272 |
| 2007 EB <sub>109</sub> | 2008 09 06.4 | 23 01.47 | -13 31.6 | 19.5 | -0.86 | - 4.3 | 2.7/04.2  | 43276 |
| 2000 ST <sub>272</sub> | 2008 09 06.4 | 23 01.48 | +02 15.4 | 19.1 | -0.85 | - 6.8 | 3.5/09.3  | 43111 |
| 2006 HP <sub>54</sub>  | 2008 09 06.4 | 23 01.48 | +06 39.6 | 20.7 | -0.68 | - 5.9 | 3.4/11.1  | 01674 |
| 2001 VV <sub>14</sub>  | 2008 09 06.4 | 23 01.49 | -01 36.3 | 19.6 | -0.96 | - 4.3 | 1.7/07.9  | 43135 |
| 2003 BW <sub>15</sub>  | 2008 09 06.4 | 23 01.52 | -12 21.9 | 19.5 | -1.04 | - 3.7 | 2.3/04.7  | 97633 |
| 2007 HE <sub>86</sub>  | 2008 09 06.4 | 23 01.52 | -14 09.0 | 21.0 | -0.75 | - 5.7 | 2.5/03.8  | 20664 |
| 2002 EF <sub>143</sub> | 2008 09 06.4 | 23 01.52 | -08 12.2 | 19.8 | -0.88 | - 4.5 | 0.7/05.9  | 41781 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 RY <sub>167</sub> | 2008 09 06.4 | 23 01.52 +18 40.4 18.2 | -0.72 - 2.9 | 11.7/15.4 | 43209 |
| 2005 UA <sub>62</sub>  | 2008 09 06.4 | 23 01.57 -16 59.0 21.0 | -1.01 - 4.9 | 4.1/03.1  | 19211 |
| 2001 UH <sub>60</sub>  | 2008 09 06.4 | 23 01.60 +02 34.3 18.4 | -0.99 - 3.2 | 3.8/09.1  | 41772 |
| 2002 TU <sub>279</sub> | 2008 09 06.4 | 23 01.61 +01 32.0 18.5 | -0.74 - 2.2 | 2.3/08.9  | 43164 |
| 2006 DR <sub>126</sub> | 2008 09 06.4 | 23 01.63 -06 18.6 20.2 | -0.71 - 7.8 | 0.0/06.5  | 43262 |
| 2003 WX <sub>122</sub> | 2008 09 06.4 | 23 01.63 -10 01.4 18.8 | -0.79 - 3.1 | 1.3/05.3  | 43194 |
| 2003 UR <sub>54</sub>  | 2008 09 06.4 | 23 01.65 +36 32.0 18.5 | -1.03 - 7.1 | 18.4/26.1 | 43186 |
| 2001 WC <sub>49</sub>  | 2008 09 06.5 | 23 01.58 -06 38.1 20.5 | -0.93 - 5.4 | 0.1/06.4  | 02051 |
| 2002 CM <sub>71</sub>  | 2008 09 06.5 | 23 01.64 -06 55.0 19.8 | -0.89 - 4.0 | 0.2/06.3  | 74138 |
| 2004 VT <sub>28</sub>  | 2008 09 06.5 | 23 01.65 +00 25.4 19.0 | -0.79 - 5.3 | 2.3/08.7  | 43222 |
| 2003 UP <sub>151</sub> | 2008 09 06.5 | 23 01.67 -22 15.9 19.0 | -0.82 - 4.2 | 5.7/01.0  | 08780 |
| 2004 XE <sub>136</sub> | 2008 09 06.5 | 23 01.70 -01 54.1 19.5 | -0.87 - 3.0 | 1.8/07.8  | 43226 |
| 2008 QX <sub>14</sub>  | 2008 09 06.5 | 23 01.70 +00 22.5 19.8 | -0.61 - 9.1 | 3.1/09.1  | 43002 |
| 2005 AU <sub>5</sub>   | 2008 09 06.5 | 23 01.71 -04 11.0 20.1 | -0.76 - 3.2 | 0.6/07.2  | 43227 |
| 2003 SZ <sub>296</sub> | 2008 09 06.5 | 23 01.73 +07 41.3 19.0 | -0.86 - 1.5 | 5.0/10.6  | 43183 |
| 2001 WE <sub>66</sub>  | 2008 09 06.5 | 23 01.79 -03 10.4 20.2 | -0.86 - 6.2 | 1.4/07.5  | 43137 |
| 2006 BD <sub>225</sub> | 2008 09 06.5 | 23 01.79 -07 26.1 19.8 | -0.76 - 7.9 | 0.4/06.1  | 43257 |
| 2003 WT <sub>40</sub>  | 2008 09 06.5 | 23 01.82 -13 24.9 18.2 | -0.80 - 3.4 | 2.7/04.3  | 43193 |
| 2004 XV <sub>54</sub>  | 2008 09 06.5 | 23 01.82 -19 42.6 20.2 | -0.75 - 4.7 | 3.6/02.0  | 02231 |
| 1999 TT <sub>138</sub> | 2008 09 06.5 | 23 01.83 -01 23.9 19.7 | -0.78 - 5.5 | 1.5/08.2  | 43099 |
| 2004 TV <sub>346</sub> | 2008 09 06.5 | 23 01.84 -00 06.7 19.0 | -0.85 - 4.3 | 2.2/08.5  | 43220 |
| 2000 GM <sub>115</sub> | 2008 09 06.5 | 23 01.89 -19 40.2 20.7 | -0.80 - 2.5 | 3.3/02.3  | 31158 |
| 2004 TJ <sub>318</sub> | 2008 09 06.5 | 23 01.89 +00 05.3 19.9 | -0.81 - 5.7 | 2.3/08.7  | 43220 |
| 2000 CJ <sub>35</sub>  | 2008 09 06.5 | 23 01.89 +07 36.3 19.1 | -0.80 - 2.4 | 4.0/10.9  | 43103 |
| 2007 BO <sub>7</sub>   | 2008 09 06.5 | 23 01.90 +09 39.3 19.3 | -1.49 + 4.0 | 7.8/09.7  | 42867 |
| 2000 SR <sub>42</sub>  | 2008 09 06.5 | 23 01.92 +16 04.5 18.0 | -0.53 -38.8 | 8.3/17.7  | 43109 |
| 2002 CA <sub>112</sub> | 2008 09 06.5 | 23 01.94 -11 25.8 18.9 | -0.94 -21.9 | 2.2/04.4  | 30661 |
| 2006 BZ <sub>211</sub> | 2008 09 06.5 | 23 01.97 -09 36.7 19.5 | -0.70 - 7.1 | 1.0/05.4  | 43256 |
| 2007 HP <sub>35</sub>  | 2008 09 06.5 | 23 01.97 -12 37.6 20.4 | -0.85 - 4.2 | 2.2/04.6  | 21686 |
| 2004 TB <sub>285</sub> | 2008 09 06.6 | 23 01.97 +10 56.5 19.0 | -1.03 + 1.3 | 7.6/10.8  | 43219 |
| 2007 GR <sub>50</sub>  | 2008 09 06.6 | 23 01.98 +12 01.5 19.0 | -0.70 - 8.3 | 7.2/13.7  | 43280 |
| 1998 SD <sub>37</sub>  | 2008 09 06.6 | 23 01.99 -16 54.4 20.2 | -0.87 - 2.1 | 3.3/03.4  | 97339 |
| 2004 TU <sub>322</sub> | 2008 09 06.6 | 23 02.01 -01 54.2 20.1 | -0.82 - 5.5 | 1.5/08.0  | 43220 |
| 2001 VW <sub>117</sub> | 2008 09 06.6 | 23 02.08 -17 36.5 18.3 | -1.00 - 4.2 | 5.2/03.0  | 43136 |
| 2004 VN <sub>22</sub>  | 2008 09 06.6 | 23 02.09 -03 58.7 18.6 | -0.78 - 4.3 | 1.0/07.3  | 43222 |
| 2002 GS <sub>70</sub>  | 2008 09 06.6 | 23 02.10 +05 37.4 19.8 | -0.72 - 8.8 | 3.6/11.1  | 43153 |
| 2001 YT <sub>76</sub>  | 2008 09 06.6 | 23 02.11 -10 14.5 20.9 | -0.93 - 5.1 | 1.4/05.4  | 94438 |
| 2003 UV <sub>280</sub> | 2008 09 06.6 | 23 02.11 -54 26.6 21.0 | -1.81 + 5.0 | 23.0/19.6 | 58040 |
| 2003 QT <sub>58</sub>  | 2008 09 06.6 | 23 02.15 -15 45.6 19.0 | -0.74 - 6.9 | 2.9/03.3  | 43174 |
| 2000 GD <sub>131</sub> | 2008 09 06.6 | 23 02.16 -12 14.4 19.0 | -0.97 - 2.7 | 2.8/04.9  | 43105 |
| 2005 WK <sub>27</sub>  | 2008 09 06.6 | 23 02.16 -05 52.3 20.9 | -0.93 - 5.5 | 0.1/06.7  | 01116 |
| 2006 CG <sub>14</sub>  | 2008 09 06.6 | 23 02.18 -04 38.4 19.9 | -0.89 - 5.2 | 0.6/07.1  | 43258 |
| 2002 JN <sub>92</sub>  | 2008 09 06.6 | 23 02.18 +07 56.3 19.9 | -0.77 - 5.2 | 4.3/11.5  | 20766 |
| 2002 GM <sub>40</sub>  | 2008 09 06.6 | 23 02.19 -10 17.1 20.0 | -0.96 - 1.9 | 1.3/05.5  | 43152 |
| 2002 DQ <sub>9</sub>   | 2008 09 06.6 | 23 02.22 -33 17.8 19.9 | -0.88 - 8.0 | 8.1/27.1  | 94675 |
| 1999 YR <sub>12</sub>  | 2008 09 06.6 | 23 02.23 +03 43.2 20.7 | -0.52 - 2.3 | 1.9/10.0  | 23814 |
| 1998 WV <sub>26</sub>  | 2008 09 06.6 | 23 02.24 +00 42.5 19.1 | -0.73 - 5.5 | 2.5/09.0  | 43095 |
| 2003 UY <sub>270</sub> | 2008 09 06.6 | 23 02.27 -22 30.2 20.2 | -0.77 - 4.6 | 5.1/01.1  | 11000 |
| 2007 HM <sub>9</sub>   | 2008 09 06.6 | 23 02.27 +00 36.6 20.0 | -0.79 - 6.0 | 2.5/09.0  | 43281 |
| 2004 RR <sub>236</sub> | 2008 09 06.6 | 23 02.32 -01 09.3 20.2 | -0.74 - 6.8 | 2.3/08.4  | 70085 |
| 2006 BZ <sub>258</sub> | 2008 09 06.6 | 23 02.32 -06 43.5 19.5 | -0.84 - 2.4 | 0.2/06.5  | 43257 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 SB <sub>250</sub> | 2008 09 06.6 | 23 02.35 -17 01.7 19.9 | -0.97 - 3.0 | 4.9/03.5  | 25991 |
| 2004 TS <sub>274</sub> | 2008 09 06.6 | 23 02.38 -12 19.9 20.2 | -0.89 - 3.7 | 2.3/04.8  | 02222 |
| 2005 WJ <sub>135</sub> | 2008 09 06.7 | 23 02.32 -24 05.2 19.9 | -0.83 - 6.2 | 5.4/31.4  | 41834 |
| 2006 BK <sub>67</sub>  | 2008 09 06.7 | 23 02.33 -16 03.1 21.3 | -0.83 - 7.0 | 3.1/03.3  | 98103 |
| 2007 CT <sub>41</sub>  | 2008 09 06.7 | 23 02.34 -02 34.6 19.6 | -1.06 - 3.6 | 1.5/08.0  | 43272 |
| 2002 QV <sub>112</sub> | 2008 09 06.7 | 23 02.35 -04 50.7 20.3 | -0.66 - 8.2 | 0.4/07.2  | 43160 |
| 2005 VO <sub>3</sub>   | 2008 09 06.7 | 23 02.36 -06 23.5 20.0 | -0.93 - 7.5 | 0.1/06.6  | 43241 |
| 2002 CL <sub>218</sub> | 2008 09 06.7 | 23 02.36 -13 09.2 20.1 | -0.63 - 0.4 | 1.3/04.6  | 42608 |
| 2002 AT <sub>153</sub> | 2008 09 06.7 | 23 02.39 -18 31.2 20.1 | -0.81 - 7.9 | 3.9/02.3  | 21311 |
| 2006 AX <sub>77</sub>  | 2008 09 06.7 | 23 02.41 -16 44.0 19.8 | -0.79 - 7.2 | 3.4/03.0  | 22807 |
| 2002 DP <sub>15</sub>  | 2008 09 06.7 | 23 02.42 -08 39.7 19.5 | -0.77 -10.4 | 0.9/05.8  | 41780 |
| 2000 BC <sub>9</sub>   | 2008 09 06.7 | 23 02.43 +03 44.7 19.1 | -0.81 - 2.6 | 3.2/09.8  | 43103 |
| 1998 HM <sub>80</sub>  | 2008 09 06.7 | 23 02.44 -13 24.8 21.3 | -0.87 - 4.0 | 2.1/04.5  | 97335 |
| 2005 YM <sub>182</sub> | 2008 09 06.7 | 23 02.49 +13 12.6 20.4 | -0.86 - 4.0 | 5.7/13.1  | 96827 |
| 2004 PL <sub>13</sub>  | 2008 09 06.7 | 23 02.52 -10 35.9 18.7 | -0.81 - 7.2 | 1.9/05.2  | 43203 |
| 2002 AP <sub>189</sub> | 2008 09 06.7 | 23 02.58 +33 06.6 20.5 | -1.03 - 0.9 | 11.1/21.1 | 97554 |
| 2001 RE <sub>151</sub> | 2008 09 06.7 | 23 02.58 -16 22.8 18.4 | -0.76 - 8.4 | 4.9/03.0  | 43126 |
| 1999 XJ <sub>55</sub>  | 2008 09 06.7 | 23 02.60 -54 17.4 20.2 | -0.78 - 1.1 | 7.9/19.0  | 21754 |
| 2005 UX <sub>93</sub>  | 2008 09 06.7 | 23 02.64 -10 55.7 19.1 | -1.04 - 3.3 | 2.0/05.4  | 43237 |
| 2001 FL <sub>4</sub>   | 2008 09 06.7 | 23 02.65 -07 20.4 19.7 | -0.72 - 9.6 | 0.4/06.3  | 43119 |
| 2006 DQ <sub>46</sub>  | 2008 09 06.7 | 23 02.67 +00 29.9 20.1 | -0.67 - 8.4 | 1.8/09.3  | 43260 |
| 2005 BT <sub>21</sub>  | 2008 09 06.7 | 23 02.70 -06 01.8 20.4 | -0.75 - 5.7 | 0.0/06.8  | 43229 |
| 2008 QC <sub>9</sub>   | 2008 09 06.7 | 23 02.71 -09 00.5 18.1 | -0.67 -12.2 | 1.1/05.6  | 42998 |
| 2004 XX <sub>131</sub> | 2008 09 06.7 | 23 02.73 -12 45.6 20.0 | -0.83 - 3.8 | 2.0/04.7  | 21347 |
| 2003 TN <sub>13</sub>  | 2008 09 06.7 | 23 02.79 -49 23.3 19.5 | -1.92 + 8.3 | 22.2/26.8 | 42659 |
| 2001 DE <sub>18</sub>  | 2008 09 06.8 | 23 02.66 -19 14.0 20.1 | -0.82 - 9.2 | 4.0/01.9  | 74915 |
| 2004 WH <sub>5</sub>   | 2008 09 06.8 | 23 02.68 +21 20.8 18.9 | -0.84 - 4.5 | 9.3/16.5  | 43224 |
| 2005 WY <sub>207</sub> | 2008 09 06.8 | 23 02.70 -04 57.3 19.7 | -0.90 - 6.0 | 0.5/07.2  | 43245 |
| 2005 UL <sub>436</sub> | 2008 09 06.8 | 23 02.70 -00 34.3 21.1 | -0.89 - 6.5 | 1.9/08.6  | 43241 |
| 2004 VM <sub>45</sub>  | 2008 09 06.8 | 23 02.71 -15 29.1 20.7 | -0.82 - 5.6 | 3.3/03.7  | 11074 |
| 2003 XA <sub>11</sub>  | 2008 09 06.8 | 23 02.75 -35 56.3 19.9 | -0.83 - 3.5 | 8.1/26.8  | 02196 |
| 2007 EQ <sub>67</sub>  | 2008 09 06.8 | 23 02.76 -07 39.0 21.4 | -0.91 - 6.4 | 0.6/06.3  | 19714 |
| 2006 DK <sub>74</sub>  | 2008 09 06.8 | 23 02.77 -07 16.1 21.3 | -0.84 - 5.2 | 0.4/06.5  | 03869 |
| 2003 UL <sub>179</sub> | 2008 09 06.8 | 23 02.78 -09 54.7 19.5 | -0.75 - 5.7 | 1.2/05.5  | 02185 |
| 2006 BQ <sub>135</sub> | 2008 09 06.8 | 23 02.78 -13 55.0 19.2 | -0.75 - 9.7 | 2.6/03.9  | 43255 |
| 2003 UP <sub>16</sub>  | 2008 09 06.8 | 23 02.81 -10 22.5 18.9 | -0.76 - 4.3 | 1.6/05.4  | 43185 |
| 2004 PK <sub>70</sub>  | 2008 09 06.8 | 23 02.84 +05 59.7 19.5 | -1.02 - 2.8 | 4.7/10.4  | 43205 |
| 2002 QS <sub>110</sub> | 2008 09 06.8 | 23 02.84 +16 14.8 21.0 | -1.01 + 1.8 | 7.2/12.8  | 12813 |
| 2003 SF <sub>135</sub> | 2008 09 06.8 | 23 02.86 +05 49.3 19.6 | -0.73 - 6.8 | 3.8/11.1  | 43178 |
| 2003 YN <sub>27</sub>  | 2008 09 06.8 | 23 02.86 +32 03.2 19.3 | -0.81 - 1.9 | 10.1/21.2 | 72987 |
| 2004 RA <sub>322</sub> | 2008 09 06.8 | 23 02.89 +02 22.6 19.2 | -0.80 - 7.8 | 3.1/09.8  | 97744 |
| 2001 RL <sub>115</sub> | 2008 09 06.8 | 23 02.89 -08 40.4 19.2 | -0.85 - 9.3 | 1.1/05.9  | 43125 |
| 2001 FF <sub>146</sub> | 2008 09 06.8 | 23 02.90 +00 54.3 19.0 | -0.82 - 2.7 | 2.1/09.0  | 43120 |
| 2642 T-3               | 2008 09 06.8 | 23 02.95 +02 38.9 19.6 | -0.70 - 6.9 | 3.1/10.0  | 98187 |
| 2005 UJ <sub>305</sub> | 2008 09 06.8 | 23 02.95 -16 22.0 20.3 | -1.01 - 4.9 | 3.9/03.7  | 20822 |
| 2005 WE <sub>104</sub> | 2008 09 06.8 | 23 02.99 -09 57.6 20.0 | -0.95 - 6.9 | 1.5/05.6  | 41834 |
| 2003 WJ <sub>52</sub>  | 2008 09 06.8 | 23 02.99 +07 05.1 19.8 | -0.71 - 5.0 | 3.9/11.5  | 43193 |
| 2008 QN <sub>9</sub>   | 2008 09 06.8 | 23 03.03 -05 04.5 19.0 | -0.80 - 4.2 | 0.4/07.2  | 42998 |
| 2005 SD <sub>259</sub> | 2008 09 06.8 | 23 03.04 -00 46.5 20.8 | -1.00 - 5.6 | 2.1/08.5  | 18130 |
| 2002 GB <sub>24</sub>  | 2008 09 06.8 | 23 03.05 -23 56.1 19.7 | -0.96 - 1.8 | 5.7/01.6  | 97589 |
| 2002 GC <sub>69</sub>  | 2008 09 06.8 | 23 03.06 -13 55.5 20.4 | -0.87 - 4.1 | 2.6/04.4  | 94738 |

|                        |              |          |          |      |       |       |           |       |                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 FK <sub>14</sub>  | 2008 09 06.8 | 23 03.07 | -11 51.6 | 20.7 | -0.73 | - 3.7 | 1.5/05.0  | 01515 | 2003 BV <sub>86</sub>  | 2008 09 07.0 | 23 03.65 | -10 23.7 | 20.0 | -0.92 | - 6.6 | 1.6/05.6  | 20775 |
| 2004 TE <sub>95</sub>  | 2008 09 06.8 | 23 03.08 | -08 55.6 | 20.4 | -0.86 | - 4.4 | 1.1/06.0  | 11071 | 2006 DP <sub>149</sub> | 2008 09 07.0 | 23 03.66 | +00 55.2 | 19.1 | -0.66 | - 8.1 | 2.3/09.6  | 21357 |
| 2005 WG <sub>28</sub>  | 2008 09 06.8 | 23 03.09 | -22 43.6 | 18.8 | -0.99 | - 3.7 | 7.7/01.6  | 43243 | 2006 BZ <sub>19</sub>  | 2008 09 07.0 | 23 03.72 | +06 02.9 | 20.3 | -0.81 | - 4.5 | 3.6/11.0  | 02271 |
| 2000 XT <sub>41</sub>  | 2008 09 06.8 | 23 03.09 | -23 24.4 | 17.4 | -1.20 | + 2.6 | 8.2/02.5  | 43116 | 2003 HG <sub>49</sub>  | 2008 09 07.0 | 23 03.74 | -11 16.2 | 19.5 | -0.85 | - 6.5 | 1.7/05.3  | 22732 |
| 6715 P-L               | 2008 09 06.9 | 23 03.03 | -14 59.9 | 19.0 | -1.08 | - 1.7 | 4.1/04.5  | 43008 | 2002 XG <sub>116</sub> | 2008 09 07.0 | 23 03.78 | -12 50.6 | 20.0 | -0.88 | - 8.0 | 2.5/04.8  | 43166 |
| 2001 UW <sub>92</sub>  | 2008 09 06.9 | 23 03.03 | -01 22.0 | 18.6 | -0.84 | - 3.9 | 2.4/08.0  | 43134 | 2001 TE <sub>66</sub>  | 2008 09 07.1 | 23 03.76 | -08 06.7 | 18.1 | -0.91 | - 3.8 | 1.0/06.5  | 43130 |
| 2005 YJ <sub>289</sub> | 2008 09 06.9 | 23 03.08 | -05 38.1 | 19.3 | -0.86 | - 7.4 | 0.2/07.1  | 43250 | 2004 TM <sub>131</sub> | 2008 09 07.1 | 23 03.76 | +07 36.0 | 18.5 | -0.75 | - 8.6 | 4.9/12.1  | 43216 |
| 2004 HN <sub>34</sub>  | 2008 09 06.9 | 23 03.11 | -14 16.2 | 19.4 | -0.94 | - 7.5 | 3.3/04.2  | 19612 | 2007 DT <sub>112</sub> | 2008 09 07.1 | 23 03.76 | -06 16.2 | 21.5 | -0.94 | - 5.5 | 0.1/07.0  | 41863 |
| 2005 BB <sub>20</sub>  | 2008 09 06.9 | 23 03.11 | +03 54.1 | 18.6 | -0.91 | - 0.2 | 3.3/09.7  | 43229 | 2006 AN <sub>82</sub>  | 2008 09 07.1 | 23 03.77 | +08 16.7 | 20.4 | -1.00 | - 2.5 | 5.3/11.2  | 96960 |
| 2007 HM <sub>1</sub>   | 2008 09 06.9 | 23 03.13 | +05 13.6 | 20.4 | -0.78 | - 8.8 | 3.8/11.1  | 43281 | 2004 NA <sub>9</sub>   | 2008 09 07.1 | 23 03.79 | +03 19.4 | 19.1 | -1.14 | - 0.9 | 3.9/09.6  | 43202 |
| 2001 SV <sub>64</sub>  | 2008 09 06.9 | 23 03.14 | +03 00.5 | 17.5 | -0.54 | -12.1 | 4.6/10.7  | 43126 | 2000 FJ <sub>52</sub>  | 2008 09 07.1 | 23 03.82 | -05 39.4 | 21.4 | -0.69 | - 4.5 | 0.1/07.2  | 43105 |
| 2001 QW <sub>161</sub> | 2008 09 06.9 | 23 03.14 | -11 59.1 | 18.3 | -0.94 | - 3.7 | 2.9/05.1  | 43123 | 2003 YH <sub>127</sub> | 2008 09 07.1 | 23 03.85 | +26 15.4 | 20.1 | -1.34 | + 2.4 | 15.2/15.4 | 86211 |
| 2004 VH <sub>36</sub>  | 2008 09 06.9 | 23 03.17 | -12 13.0 | 20.1 | -0.85 | - 4.0 | 2.2/05.0  | 43222 | 1999 GD <sub>59</sub>  | 2008 09 07.1 | 23 03.86 | -23 11.3 | 20.1 | -1.07 | - 1.3 | 6.1/02.5  | 19514 |
| 2003 SM <sub>246</sub> | 2008 09 06.9 | 23 03.17 | -15 05.0 | 19.9 | -0.82 | - 2.8 | 2.6/04.2  | 02172 | 2006 EC <sub>60</sub>  | 2008 09 07.1 | 23 03.87 | +01 01.1 | 20.5 | -0.69 | - 7.1 | 2.1/09.6  | 43265 |
| 2002 CH <sub>185</sub> | 2008 09 06.9 | 23 03.18 | -08 06.7 | 19.8 | -0.50 | - 2.7 | 0.4/06.2  | 43147 | 2005 YH <sub>151</sub> | 2008 09 07.1 | 23 03.87 | -09 31.3 | 21.3 | -0.95 | - 5.2 | 1.3/06.0  | 96800 |
| 2000 HX <sub>22</sub>  | 2008 09 06.9 | 23 03.22 | -19 48.5 | 20.3 | -0.99 | - 5.1 | 5.2/02.6  | 17912 | 2007 DH <sub>87</sub>  | 2008 09 07.1 | 23 03.87 | -07 50.9 | 21.3 | -1.00 | - 3.9 | 0.6/06.6  | 19707 |
| 2001 VO <sub>56</sub>  | 2008 09 06.9 | 23 03.23 | +04 08.3 | 19.2 | -0.91 | - 4.9 | 4.3/10.2  | 43136 | 2001 SH <sub>13</sub>  | 2008 09 07.1 | 23 03.88 | -08 28.3 | 19.1 | -1.03 | - 0.8 | 1.2/06.5  | 48083 |
| 2006 GU <sub>51</sub>  | 2008 09 06.9 | 23 03.26 | -20 11.7 | 19.6 | -0.70 | - 6.1 | 3.5/01.9  | 01608 | 2003 WH <sub>39</sub>  | 2008 09 07.1 | 23 03.95 | +04 12.9 | 19.4 | -0.76 | - 3.7 | 3.3/10.5  | 43193 |
| 1998 SF <sub>107</sub> | 2008 09 06.9 | 23 03.30 | +02 53.5 | 17.8 | -0.52 | -12.4 | 4.6/10.8  | 43095 | 2001 RL <sub>80</sub>  | 2008 09 07.1 | 23 03.95 | +00 23.0 | 19.1 | -0.94 | - 3.8 | 2.9/09.1  | 43125 |
| 2007 HT <sub>6</sub>   | 2008 09 06.9 | 23 03.32 | -04 31.7 | 20.4 | -0.83 | - 6.3 | 0.6/07.5  | 43281 | 2003 UN <sub>56</sub>  | 2008 09 07.1 | 23 03.99 | +15 53.0 | 19.6 | -0.72 | - 6.5 | 7.0/15.2  | 40376 |
| 1999 XB <sub>237</sub> | 2008 09 06.9 | 23 03.32 | -04 40.6 | 19.8 | -0.80 | - 4.5 | 0.4/07.4  | 43102 | 2003 FM <sub>109</sub> | 2008 09 07.1 | 23 04.03 | -30 41.8 | 19.7 | -0.92 | - 4.8 | 9.1/29.9  | 41788 |
| 2005 XL <sub>6</sub>   | 2008 09 06.9 | 23 03.34 | -27 26.5 | 19.1 | -1.08 | - 2.1 | 10.1/31.2 | 43245 | 2003 WT <sub>174</sub> | 2008 09 07.1 | 23 04.03 | -19 05.7 | 20.2 | -0.84 | - 2.9 | 3.9/03.0  | 00684 |
| 2006 HJ <sub>36</sub>  | 2008 09 06.9 | 23 03.36 | -15 03.4 | 21.1 | -0.77 | - 3.8 | 2.3/04.1  | 01652 | 2000 SJ <sub>232</sub> | 2008 09 07.1 | 23 04.06 | -64 34.1 | 19.7 | -2.26 | + 7.3 | 21.6/19.0 | 20737 |
| 2001 VO <sub>23</sub>  | 2008 09 06.9 | 23 03.36 | -06 08.7 | 19.1 | -0.91 | - 4.8 | 0.0/06.9  | 43135 | 2004 VM <sub>18</sub>  | 2008 09 07.1 | 23 04.07 | -05 00.0 | 19.9 | -0.87 | - 4.8 | 0.4/07.5  | 43222 |
| 2007 ED <sub>196</sub> | 2008 09 06.9 | 23 03.38 | -16 17.6 | 19.7 | -0.92 | - 0.9 | 3.7/04.2  | 43277 | 2006 BP <sub>219</sub> | 2008 09 07.1 | 23 04.08 | -18 23.3 | 20.2 | -0.82 | - 8.1 | 4.0/02.7  | 02282 |
| 2007 GO                | 2008 09 06.9 | 23 03.38 | -05 21.2 | 21.3 | -0.91 | - 6.1 | 0.2/07.2  | 42881 | 2000 TE <sub>1</sub>   | 2008 09 07.1 | 23 04.09 | -46 50.3 | 20.8 | -1.26 | + 0.2 | 9.7/24.8  | 02012 |
| 2001 TC <sub>240</sub> | 2008 09 06.9 | 23 03.40 | -13 21.3 | 18.0 | -0.74 | - 5.9 | 3.7/04.5  | 43132 | 2004 JR <sub>13</sub>  | 2008 09 07.1 | 23 04.10 | -19 27.2 | 19.3 | -0.98 | - 4.0 | 6.1/03.1  | 11058 |
| 2006 BF <sub>96</sub>  | 2008 09 06.9 | 23 03.40 | -07 19.4 | 20.4 | -0.76 | - 5.5 | 0.4/06.6  | 41841 | 2002 GV <sub>97</sub>  | 2008 09 07.1 | 23 04.11 | -22 21.8 | 21.2 | -0.86 | - 4.2 | 4.4/01.8  | 94744 |
| 2005 TN <sub>180</sub> | 2008 09 06.9 | 23 03.41 | -15 05.2 | 19.9 | -1.09 | - 3.5 | 3.8/04.4  | 19657 | 2003 UJ <sub>197</sub> | 2008 09 07.1 | 23 04.12 | -09 54.0 | 19.8 | -0.74 | - 5.0 | 1.3/05.9  | 02186 |
| 2003 QS <sub>114</sub> | 2008 09 06.9 | 23 03.42 | -15 56.2 | 19.4 | -0.79 | - 4.5 | 3.3/03.7  | 43175 | 2004 FP <sub>26</sub>  | 2008 09 07.1 | 23 04.16 | -09 04.0 | 20.7 | -1.06 | - 4.9 | 1.2/06.3  | 16265 |
| 2005 EO <sub>89</sub>  | 2008 09 06.9 | 23 03.44 | -13 29.3 | 19.9 | -0.68 | -10.7 | 2.0/04.1  | 42742 | 2006 BU <sub>162</sub> | 2008 09 07.1 | 23 04.17 | -09 13.6 | 20.1 | -0.78 | - 5.9 | 1.0/06.1  | 43256 |
| 2003 SR <sub>331</sub> | 2008 09 06.9 | 23 03.44 | -00 32.6 | 21.2 | -0.72 | - 6.9 | 1.5/08.9  | 43183 | 2004 RS <sub>100</sub> | 2008 09 07.1 | 23 04.17 | -01 33.2 | 19.4 | -1.05 | - 0.5 | 1.6/08.3  | 43208 |
| 2002 CL <sub>264</sub> | 2008 09 06.9 | 23 03.45 | -08 41.8 | 21.1 | -0.86 | - 6.9 | 0.9/06.1  | 02080 | 2002 CM <sub>62</sub>  | 2008 09 07.1 | 23 04.18 | -19 23.3 | 20.2 | -0.92 | - 4.3 | 4.2/02.9  | 97562 |
| 2003 BW <sub>50</sub>  | 2008 09 06.9 | 23 03.45 | -03 03.1 | 21.0 | -0.98 | - 5.0 | 1.0/07.9  | 43167 | 2002 EA <sub>109</sub> | 2008 09 07.2 | 23 04.11 | -06 16.3 | 20.5 | -0.48 | - 2.9 | 0.1/07.1  | 43150 |
| 2005 SK <sub>219</sub> | 2008 09 07.0 | 23 03.39 | -19 29.4 | 18.7 | -0.64 | -12.3 | 6.8/01.3  | 43233 | 2005 ET <sub>30</sub>  | 2008 09 07.2 | 23 04.15 | -12 23.6 | 19.5 | -0.71 | - 7.8 | 2.0/04.9  | 43230 |
| 2006 BO <sub>135</sub> | 2008 09 07.0 | 23 03.41 | -20 57.4 | 19.4 | -0.68 | -13.2 | 6.1/31.7  | 43255 | 2001 VX <sub>13</sub>  | 2008 09 07.2 | 23 04.17 | -11 12.0 | 18.4 | -1.00 | - 1.6 | 2.6/05.8  | 42601 |
| 2005 YL <sub>277</sub> | 2008 09 07.0 | 23 03.43 | -18 49.1 | 19.8 | -0.94 | - 6.4 | 5.6/02.7  | 42791 | 2001 XG <sub>106</sub> | 2008 09 07.2 | 23 04.20 | -01 17.0 | 19.4 | -0.86 | - 6.1 | 2.1/08.8  | 43139 |
| 2004 GS <sub>72</sub>  | 2008 09 07.0 | 23 03.43 | -05 11.6 | 20.6 | -0.93 | - 9.0 | 0.3/07.3  | 42698 | 2005 TY <sub>62</sub>  | 2008 09 07.2 | 23 04.27 | -12 09.2 | 20.6 | -1.01 | - 5.7 | 2.4/05.3  | 19202 |
| 2001 UF <sub>12</sub>  | 2008 09 07.0 | 23 03.44 | +02 39.9 | 19.4 | -0.91 | - 5.0 | 4.0/09.7  | 94193 | 2005 LF <sub>20</sub>  | 2008 09 07.2 | 23 04.31 | -08 45.6 | 19.8 | -0.47 | - 3.9 | 0.5/06.2  | 21349 |
| 2000 YK <sub>58</sub>  | 2008 09 07.0 | 23 03.44 | -21 08.5 | 20.0 | -0.86 | - 6.3 | 5.3/01.7  | 43117 | 2002 JR <sub>107</sub> | 2008 09 07.2 | 23 04.33 | +15 05.7 | 19.9 | -0.79 | -10.4 | 5.9/15.3  | 02104 |
| 2006 DJ <sub>11</sub>  | 2008 09 07.0 | 23 03.45 | -09 58.2 | 22.4 | -0.75 | - 3.5 | 0.9/05.8  | 02287 | 2008 QD <sub>25</sub>  | 2008 09 07.2 | 23 04.34 | +07 18.8 | 19.6 | -0.81 | - 2.5 | 4.3/11.4  | 43004 |
| 2003 SO <sub>43</sub>  | 2008 09 07.0 | 23 03.45 | -01 28.1 | 19.1 | -0.84 | - 3.0 | 1.6/08.4  | 43176 | 2006 BO <sub>74</sub>  | 2008 09 07.2 | 23 04.36 | -07 18.1 | 20.2 | -0.83 | - 3.0 | 0.4/06.9  | 41841 |
| 2000 DF <sub>51</sub>  | 2008 09 07.0 | 23 03.49 | -07 18.4 | 20.1 | -1.00 | - 4.8 | 0.5/06.6  | 19521 | 2007 JA <sub>27</sub>  | 2008 09 07.2 | 23 04.37 | +04 49.2 | 19.2 | -0.71 | - 8.6 | 4.3/11.2  | 43284 |
| 2002 GK <sub>132</sub> | 2008 09 07.0 | 23 03.52 | -04 48.7 | 20.5 | -0.81 | - 5.0 | 0.4/07.4  | 43153 | 2003 SM <sub>26</sub>  | 2008 09 07.2 | 23 04.38 | +04 24.3 | 19.3 | -0.81 | - 3.1 | 3.5/10.5  | 43176 |
| 1999 TF <sub>321</sub> | 2008 09 07.0 | 23 03.52 | -03 20.0 | 19.4 | -0.84 | - 4.1 | 0.9/07.9  | 43100 | 2004 RH <sub>158</sub> | 2008 09 07.2 | 23 04.40 | +04 11.3 | 19.7 | -0.61 | - 9.1 | 4.8/11.2  | 43209 |
| 2007 EZ <sub>181</sub> | 2008 09 07.0 | 23 03.54 | +20 02.1 | 19.1 | -0.61 | -12.8 | 8.9/19.1  | 41331 | 2003 ES <sub>46</sub>  | 2008 09 07.2 | 23 04.45 | -16 45.9 | 20.8 | -0.94 | - 5.1 | 3.7/03.9  | 20776 |
| 2006 DR <sub>37</sub>  | 2008 09 07.0 | 23 03.55 | -06 58.8 | 22.1 | -0.72 | - 4.9 | 0.2/06.7  | 02290 | 2004 WW <sub>2</sub>   | 2008 09 07.2 | 23 04.52 | -10 36.1 | 19.7 | -0.81 | - 6.2 | 1.6/05.7  | 97772 |
| 2008 QZ <sub>21</sub>  | 2008 09 07.0 | 23 03.56 | +08 49.8 | 19.5 | -0.69 | - 5.6 | 5.2/12.4  | 43003 | 2001 TR <sub>239</sub> | 2008 09 07.2 | 23 04.53 | -16 07.4 | 19.7 | -0.83 | - 8.6 | 4.4/03.6  | 43132 |
| 2005 XJ <sub>27</sub>  | 2008 09 07.0 | 23 03.56 | +00 15.8 | 21.1 | -0.94 | - 4.9 | 2.2/09.0  | 43245 | 2003 SC <sub>32</sub>  | 2008 09 07.2 | 23 04.60 | -02 43.2 | 18.5 | -1.73 | + 7.0 | 1.7/07.8  | 43176 |
| 2006 AD <sub>71</sub>  | 2008 09 07.0 | 23 03.61 | -01 24.4 | 20.2 | -0.83 | - 4.7 | 1.6/08.5  | 43251 | 2005 AR <sub>23</sub>  | 2008 09 07.3 | 23 04.46 | -04 34.0 | 20.0 | -0.80 | - 3.0 | 0.4/07.7  | 43228 |
| 2006 BP <sub>128</sub> | 2008 09 07.0 | 23 03.64 | -01 58.7 | 20.9 | -0.84 | - 2.7 | 1.2/08.3  | 43255 | 2000 KS <sub>11</sub>  | 2008 09 07.3 | 23 04.48 | -11 17.3 | 20.4 | -0.96 | - 4.8 | 2.2/05.7  | 15690 |

|                        |              |                        |       |       |          |       |
|------------------------|--------------|------------------------|-------|-------|----------|-------|
| 2002 PY <sub>166</sub> | 2008 09 07.3 | 23 04.51 +03 14.7 19.8 | -0.66 | - 6.6 | 2.4/10.6 | 43159 |
| 2003 FX <sub>69</sub>  | 2008 09 07.3 | 23 04.55 -08 54.1 20.4 | -0.89 | - 8.0 | 1.0/06.3 | 41788 |
| 2001 TV <sub>165</sub> | 2008 09 07.3 | 23 04.57 -09 38.6 18.3 | -1.02 | - 2.6 | 1.6/06.3 | 97485 |
| 2007 HC <sub>68</sub>  | 2008 09 07.3 | 23 04.57 -11 44.0 20.4 | -0.96 | - 6.6 | 2.2/05.5 | 20657 |
| 2003 ST <sub>169</sub> | 2008 09 07.3 | 23 04.59 -16 29.8 19.1 | -0.91 | - 0.9 | 3.8/04.3 | 43179 |
| 2852 P-L               | 2008 09 07.3 | 23 04.59 -11 13.2 19.1 | -0.80 | - 4.8 | 2.6/05.6 | 43320 |
| 2005 TP <sub>141</sub> | 2008 09 07.3 | 23 04.60 -11 24.7 20.4 | -0.96 | - 6.3 | 2.5/05.6 | 19204 |
| 2005 UR <sub>298</sub> | 2008 09 07.3 | 23 04.61 +03 50.4 19.1 | -0.88 | - 7.4 | 4.2/10.6 | 43239 |
| 2003 CV <sub>21</sub>  | 2008 09 07.3 | 23 04.65 -04 40.9 19.6 | -0.95 | - 7.3 | 0.5/07.7 | 43168 |
| 2002 EP <sub>72</sub>  | 2008 09 07.3 | 23 04.66 +00 58.9 19.3 | -0.74 | - 8.2 | 2.1/09.8 | 21314 |
| 2003 TN <sub>28</sub>  | 2008 09 07.3 | 23 04.68 -03 21.8 20.3 | -0.73 | - 4.5 | 0.7/08.2 | 10993 |
| 2005 EE <sub>172</sub> | 2008 09 07.3 | 23 04.70 +05 52.1 20.7 | -0.68 | - 9.0 | 3.0/11.8 | 89638 |
| 2004 JR <sub>16</sub>  | 2008 09 07.3 | 23 04.70 -02 04.9 19.4 | -0.90 | - 7.2 | 1.7/08.6 | 43201 |
| 1999 UV <sub>26</sub>  | 2008 09 07.3 | 23 04.72 +01 21.0 18.5 | -0.80 | - 4.5 | 2.9/09.7 | 43100 |
| 2005 AN <sub>21</sub>  | 2008 09 07.3 | 23 04.73 -15 32.8 20.1 | -0.74 | - 4.7 | 2.7/04.1 | 02238 |
| 2004 RM <sub>86</sub>  | 2008 09 07.3 | 23 04.74 -07 08.4 18.5 | -0.61 | -15.8 | 0.5/06.8 | 43208 |
| 2006 BH <sub>255</sub> | 2008 09 07.3 | 23 04.77 -05 46.8 19.9 | -0.80 | - 5.7 | 0.0/07.4 | 43257 |
| 2006 AO <sub>90</sub>  | 2008 09 07.3 | 23 04.81 -05 08.3 18.4 | -0.80 | - 5.5 | 0.4/07.6 | 43252 |
| 2003 SQ <sub>331</sub> | 2008 09 07.3 | 23 04.82 +00 05.5 20.6 | -0.70 | - 7.2 | 1.8/09.5 | 43183 |
| 2006 DJ <sub>36</sub>  | 2008 09 07.3 | 23 04.85 -03 49.3 20.3 | -0.67 | - 6.4 | 0.5/08.1 | 43260 |
| 2005 CY <sub>48</sub>  | 2008 09 07.3 | 23 04.86 -05 20.1 19.7 | -0.86 | - 2.1 | 0.2/07.6 | 43229 |
| 2008 QO <sub>9</sub>   | 2008 09 07.3 | 23 04.87 -06 01.8 18.4 | -0.79 | - 9.7 | 0.1/07.3 | 42998 |
| 2005 WV <sub>146</sub> | 2008 09 07.3 | 23 04.90 -20 48.5 20.7 | -1.01 | - 4.7 | 5.9/02.7 | 20452 |
| 2002 CS <sub>266</sub> | 2008 09 07.4 | 23 04.85 -07 57.4 21.2 | -0.49 | - 3.0 | 0.4/06.7 | 77586 |
| 2003 YR <sub>46</sub>  | 2008 09 07.4 | 23 04.87 -08 10.0 19.3 | -0.77 | - 3.8 | 0.8/06.7 | 43197 |
| 2003 UB <sub>12</sub>  | 2008 09 07.4 | 23 04.88 -09 41.9 19.9 | -0.76 | - 4.5 | 1.3/06.2 | 43185 |
| 2001 QC <sub>143</sub> | 2008 09 07.4 | 23 04.88 -04 16.4 19.1 | -0.88 | - 7.2 | 0.7/08.0 | 43122 |
| 2006 DV <sub>65</sub>  | 2008 09 07.4 | 23 04.89 -05 00.2 19.6 | -0.80 | - 7.8 | 0.3/07.7 | 43261 |
| 2005 EK <sub>131</sub> | 2008 09 07.4 | 23 04.90 -20 32.5 20.3 | -0.65 | - 2.6 | 3.2/02.6 | 03672 |
| 2000 FR <sub>51</sub>  | 2008 09 07.4 | 23 04.94 -08 28.1 19.3 | -0.93 | - 4.7 | 1.2/06.6 | 43105 |
| 2004 EU <sub>76</sub>  | 2008 09 07.4 | 23 04.96 -09 15.7 20.0 | -1.09 | - 3.5 | 1.5/06.5 | 16264 |
| 2001 US <sub>155</sub> | 2008 09 07.4 | 23 05.01 -03 05.3 18.3 | -0.77 | - 5.8 | 1.4/08.4 | 43134 |
| 2005 UU <sub>267</sub> | 2008 09 07.4 | 23 05.02 -00 54.3 20.4 | -0.89 | - 7.2 | 1.8/09.1 | 43239 |
| 2004 HA <sub>43</sub>  | 2008 09 07.4 | 23 05.03 +20 30.0 19.6 | -0.47 | - 3.4 | 4.4/17.8 | 26713 |
| 2005 WK <sub>196</sub> | 2008 09 07.4 | 23 05.10 -20 04.1 20.3 | -0.79 | - 7.6 | 4.3/02.4 | 98016 |
| 2005 UZ <sub>205</sub> | 2008 09 07.4 | 23 05.10 -16 29.6 20.7 | -0.96 | - 4.7 | 3.7/04.2 | 19663 |
| 2005 XW <sub>109</sub> | 2008 09 07.4 | 23 05.12 -17 21.8 20.4 | -0.79 | - 6.7 | 3.8/03.5 | 98030 |
| 2006 EQ <sub>62</sub>  | 2008 09 07.4 | 23 05.18 +03 04.9 21.6 | -0.67 | - 6.3 | 2.2/10.7 | 02307 |
| 2002 GL <sub>102</sub> | 2008 09 07.4 | 23 05.24 -13 20.7 19.9 | -0.94 | - 2.4 | 2.4/05.3 | 18008 |
| 2006 DQ <sub>121</sub> | 2008 09 07.4 | 23 05.25 -09 29.9 19.3 | -0.77 | - 5.3 | 1.2/06.3 | 43262 |
| 2007 BF <sub>2</sub>   | 2008 09 07.4 | 23 05.29 +14 41.6 20.0 | -1.46 | + 2.4 | 9.4/11.9 | 19694 |
| 2003 UA <sub>178</sub> | 2008 09 07.5 | 23 05.18 -25 04.4 19.6 | -0.91 | - 1.1 | 6.0/01.7 | 02185 |
| 2002 EQ <sub>131</sub> | 2008 09 07.5 | 23 05.19 -05 05.7 19.9 | -0.78 | - 7.4 | 0.3/07.8 | 43151 |
| 1995 DC <sub>9</sub>   | 2008 09 07.5 | 23 05.22 -08 03.7 22.1 | -0.83 | - 1.8 | 0.6/06.9 | 99877 |
| 2005 WO <sub>204</sub> | 2008 09 07.5 | 23 05.24 -23 23.4 20.4 | -0.83 | - 7.6 | 5.5/01.1 | 22804 |
| 2005 UV <sub>179</sub> | 2008 09 07.5 | 23 05.24 +00 02.7 20.2 | -0.89 | - 8.2 | 2.6/09.5 | 43238 |
| 2006 BK <sub>128</sub> | 2008 09 07.5 | 23 05.26 -03 09.2 23.3 | -0.72 | - 4.0 | 0.7/08.4 | 38085 |
| 2003 WZ <sub>19</sub>  | 2008 09 07.5 | 23 05.27 -24 05.4 19.4 | -0.89 | - 1.8 | 5.4/01.8 | 04273 |
| 2004 TP <sub>47</sub>  | 2008 09 07.5 | 23 05.27 -11 54.2 18.6 | -0.85 | - 2.9 | 2.7/05.7 | 43215 |
| 2007 KC <sub>4</sub>   | 2008 09 07.5 | 23 05.28 -15 18.3 19.2 | -0.77 | - 6.8 | 3.3/04.2 | 43284 |
| 2006 BA <sub>37</sub>  | 2008 09 07.5 | 23 05.29 -11 12.2 20.3 | -0.82 | - 6.5 | 1.8/05.7 | 11155 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2004 RL <sub>34</sub>  | 2008 09 07.5 | 23 05.29 -09 56.2 19.5 | -0.86 | - 5.7 | 1.7/06.2  | 95332 |
| 2002 AU <sub>138</sub> | 2008 09 07.5 | 23 05.30 -10 35.0 20.6 | -0.85 | - 5.0 | 1.4/06.0  | 43144 |
| 2007 DH <sub>56</sub>  | 2008 09 07.5 | 23 05.31 -06 34.1 20.1 | -0.96 | - 7.7 | 0.3/07.3  | 43274 |
| 2007 GZ <sub>48</sub>  | 2008 09 07.5 | 23 05.31 -24 31.2 19.3 | -1.08 | - 3.5 | 7.7/01.7  | 43280 |
| 2005 WX <sub>183</sub> | 2008 09 07.5 | 23 05.32 +00 54.8 20.2 | -0.99 | - 4.5 | 2.7/09.5  | 01154 |
| 2007 GE <sub>28</sub>  | 2008 09 07.5 | 23 05.32 -28 27.4 20.1 | -0.97 | - 3.0 | 7.7/31.5  | 21209 |
| 2001 FA <sub>90</sub>  | 2008 09 07.5 | 23 05.32 -08 53.4 20.2 | -0.77 | - 4.4 | 1.0/06.5  | 41764 |
| 2003 ST <sub>159</sub> | 2008 09 07.5 | 23 05.33 +00 18.7 19.4 | -0.76 | - 5.4 | 2.1/09.6  | 43179 |
| 2002 LA <sub>62</sub>  | 2008 09 07.5 | 23 05.34 +10 49.1 18.8 | -0.77 | - 3.7 | 5.1/13.2  | 43155 |
| 2007 HX <sub>73</sub>  | 2008 09 07.5 | 23 05.35 -03 50.3 20.7 | -0.78 | - 8.6 | 0.6/08.3  | 21365 |
| 2004 VG <sub>23</sub>  | 2008 09 07.5 | 23 05.36 -04 22.4 18.9 | -0.79 | - 6.2 | 0.6/08.0  | 43222 |
| 2003 TK <sub>35</sub>  | 2008 09 07.5 | 23 05.38 -01 06.6 20.4 | -0.74 | - 3.9 | 1.3/09.1  | 04265 |
| 2002 GH <sub>139</sub> | 2008 09 07.5 | 23 05.39 -09 53.0 19.2 | -0.89 | - 3.1 | 1.4/06.3  | 94755 |
| 2007 LF <sub>10</sub>  | 2008 09 07.5 | 23 05.40 -13 03.0 21.1 | -0.71 | - 7.3 | 2.1/05.0  | 26293 |
| 2003 TM <sub>35</sub>  | 2008 09 07.5 | 23 05.44 +06 30.5 20.5 | -0.73 | - 5.6 | 4.0/11.8  | 43185 |
| 2003 EQ <sub>54</sub>  | 2008 09 07.5 | 23 05.45 -05 38.9 20.3 | -0.90 | - 6.1 | 0.1/07.6  | 43169 |
| 2004 XJ <sub>122</sub> | 2008 09 07.5 | 23 05.48 -12 41.5 18.9 | -0.79 | - 6.6 | 2.4/05.2  | 43226 |
| 1998 GA <sub>10</sub>  | 2008 09 07.5 | 23 05.49 -25 59.3 20.7 | -0.89 | - 4.3 | 5.6/31.9  | 97334 |
| 2003 FC <sub>102</sub> | 2008 09 07.5 | 23 05.52 +04 26.0 20.7 | -0.87 | - 8.1 | 3.5/11.1  | 21131 |
| 2007 LD <sub>27</sub>  | 2008 09 07.5 | 23 05.55 -02 44.3 20.3 | -0.65 | - 9.4 | 0.9/08.8  | 41348 |
| 2000 SF <sub>66</sub>  | 2008 09 07.5 | 23 05.55 -06 03.1 18.4 | -0.70 | - 6.7 | 0.1/07.5  | 43109 |
| 2001 XS <sub>125</sub> | 2008 09 07.6 | 23 05.54 -03 18.7 18.9 | -0.80 | - 6.3 | 1.2/08.4  | 43139 |
| 2005 YM <sub>126</sub> | 2008 09 07.6 | 23 05.55 -08 04.8 21.8 | -0.90 | - 4.6 | 0.8/06.9  | 40412 |
| 2003 WJ <sub>23</sub>  | 2008 09 07.6 | 23 05.58 -00 44.8 19.5 | -0.69 | - 6.1 | 1.8/09.4  | 42681 |
| 2003 UY <sub>127</sub> | 2008 09 07.6 | 23 05.58 +11 44.9 19.0 | -0.75 | - 4.4 | 5.8/13.7  | 43188 |
| 2001 RJ <sub>149</sub> | 2008 09 07.6 | 23 05.61 +03 43.1 19.6 | -0.93 | - 5.6 | 3.6/10.6  | 43125 |
| 2002 JC <sub>69</sub>  | 2008 09 07.6 | 23 05.62 -17 54.0 21.0 | -0.81 | - 5.5 | 3.3/03.6  | 94775 |
| 1996 AG <sub>20</sub>  | 2008 09 07.6 | 23 05.65 -10 44.4 18.6 | -1.07 | - 1.6 | 2.3/06.3  | 43092 |
| 2003 UA <sub>52</sub>  | 2008 09 07.6 | 23 05.66 +06 00.2 19.3 | -0.77 | - 3.0 | 3.4/11.4  | 43186 |
| 2007 EJ <sub>11</sub>  | 2008 09 07.6 | 23 05.67 -09 16.4 21.0 | -0.96 | - 4.7 | 1.3/06.6  | 19709 |
| 2007 HC <sub>88</sub>  | 2008 09 07.6 | 23 05.71 -14 13.2 20.6 | -0.83 | - 7.4 | 2.8/04.7  | 21225 |
| 2002 CL <sub>284</sub> | 2008 09 07.6 | 23 05.73 -07 51.1 20.3 | -0.79 | -10.1 | 0.7/06.9  | 41779 |
| 2008 PB <sub>4</sub>   | 2008 09 07.6 | 23 05.74 +08 39.8 17.8 | -0.96 | + 3.7 | 7.4/11.0  | 42985 |
| 2007 GU <sub>44</sub>  | 2008 09 07.6 | 23 05.76 -06 48.9 21.2 | -0.93 | - 6.5 | 0.4/07.3  | 19492 |
| 2004 XW <sub>155</sub> | 2008 09 07.6 | 23 05.76 -39 49.7 21.8 | -0.86 | - 3.5 | 8.3/25.8  | 89612 |
| 2006 FL <sub>16</sub>  | 2008 09 07.6 | 23 05.78 -02 54.0 20.3 | -0.74 | - 5.2 | 0.9/08.6  | 43265 |
| 2005 US <sub>178</sub> | 2008 09 07.6 | 23 05.81 -00 10.0 20.5 | -0.90 | - 7.2 | 2.1/09.5  | 20821 |
| 2004 RH <sub>169</sub> | 2008 09 07.6 | 23 05.82 -06 52.9 19.9 | -0.84 | - 6.7 | 0.4/07.3  | 41812 |
| 2004 SS <sub>33</sub>  | 2008 09 07.6 | 23 05.82 -29 57.4 19.2 | -1.17 | + 3.0 | 11.3/01.1 | 87640 |
| 2002 OS <sub>15</sub>  | 2008 09 07.6 | 23 05.82 +15 47.3 20.0 | -0.76 | - 3.5 | 6.2/15.2  | 02111 |
| 2004 TU <sub>90</sub>  | 2008 09 07.6 | 23 05.86 -16 50.6 20.5 | -0.90 | - 2.5 | 3.2/04.4  | 02217 |
| 2004 RJ <sub>213</sub> | 2008 09 07.6 | 23 05.89 +18 23.8 18.5 | -0.92 | - 1.5 | 10.1/15.4 | 43210 |
| 2002 JD                | 2008 09 07.6 | 23 05.90 +32 20.7 19.3 | -1.04 | - 7.4 | 16.3/24.1 | 22703 |
| 2001 DL <sub>10</sub>  | 2008 09 07.6 | 23 05.90 -15 58.8 19.6 | -0.48 | - 4.1 | 1.8/03.9  | 43118 |
| 2003 WL <sub>44</sub>  | 2008 09 07.7 | 23 05.91 -08 19.7 19.3 | -0.85 | - 1.6 | 0.8/07.0  | 43193 |
| 2007 GF <sub>60</sub>  | 2008 09 07.7 | 23 05.92 -08 15.5 20.5 | -0.96 | - 4.1 | 1.0/07.0  | 41871 |
| 2003 UC <sub>316</sub> | 2008 09 07.7 | 23 05.93 -11 55.5 19.3 | -0.70 | - 6.9 | 1.9/05.5  | 43192 |
| 2004 TO <sub>47</sub>  | 2008 09 07.7 | 23 05.95 +00 26.9 19.7 | -0.77 | - 7.4 | 2.4/09.9  | 20804 |
| 2006 AB <sub>85</sub>  | 2008 09 07.7 | 23 05.98 -43 01.0 19.9 | -0.86 | - 4.7 | 10.0/24.1 | 21621 |
| 2004 TK <sub>175</sub> | 2008 09 07.7 | 23 06.00 -27 54.5 19.3 | -1.11 | + 0.9 | 9.6/01.4  | 42723 |
| 2004 HP <sub>45</sub>  | 2008 09 07.7 | 23 06.02 -20 22.7 19.8 | -1.07 | - 2.8 | 6.1/03.6  | 41806 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 YJ <sub>49</sub>  | 2008 09 07.7 | 23 06.03 +04 46.5 19.7 | -0.97 - 4.1 | 4.3/10.9  | 43247 |
| 2007 HJ <sub>73</sub>  | 2008 09 07.7 | 23 06.04 -02 46.6 20.6 | -0.73 - 6.5 | 1.0/08.8  | 22589 |
| 2002 CK                | 2008 09 07.7 | 23 06.06 -14 31.1 20.0 | -0.99 - 2.2 | 2.9/05.2  | 94558 |
| 2006 DG <sub>96</sub>  | 2008 09 07.7 | 23 06.06 -00 59.6 20.4 | -0.70 - 7.0 | 1.4/09.4  | 09523 |
| 2007 EW <sub>210</sub> | 2008 09 07.7 | 23 06.06 -06 52.2 21.3 | -0.99 - 4.8 | 0.4/07.4  | 22884 |
| 2002 ES <sub>32</sub>  | 2008 09 07.7 | 23 06.07 -15 03.1 19.3 | -0.52 - 2.2 | 1.7/04.6  | 43149 |
| 2005 YU <sub>256</sub> | 2008 09 07.7 | 23 06.08 -06 47.3 20.5 | -0.89 - 7.7 | 0.4/07.4  | 41838 |
| 2006 BH <sub>230</sub> | 2008 09 07.7 | 23 06.09 -21 21.6 19.8 | -0.74 - 6.3 | 4.4/02.2  | 26751 |
| 2003 JS <sub>12</sub>  | 2008 09 07.7 | 23 06.12 -03 11.1 20.2 | -0.88 - 6.0 | 0.8/08.6  | 95004 |
| 2007 EN <sub>175</sub> | 2008 09 07.7 | 23 06.12 -10 28.9 18.7 | -1.05 + 0.2 | 2.4/06.5  | 43277 |
| 2003 WV <sub>27</sub>  | 2008 09 07.7 | 23 06.12 -06 30.5 20.7 | -0.76 - 3.5 | 0.2/07.5  | 43193 |
| 2004 TR <sub>198</sub> | 2008 09 07.7 | 23 06.13 -04 39.2 19.8 | -0.82 - 6.0 | 9.7/19.0  | 43218 |
| 2006 BW <sub>248</sub> | 2008 09 07.7 | 23 06.14 -08 52.7 20.7 | -0.77 - 4.6 | 0.9/06.7  | 41843 |
| 1997 WJ <sub>3</sub>   | 2008 09 07.7 | 23 06.15 +17 58.2 19.4 | -0.48 - 4.2 | 4.4/17.1  | 43093 |
| 2003 UG <sub>132</sub> | 2008 09 07.7 | 23 06.15 +00 57.4 17.8 | -0.75 - 3.1 | 2.8/09.9  | 43188 |
| 2006 GJ <sub>53</sub>  | 2008 09 07.7 | 23 06.15 -30 26.6 21.4 | -0.83 - 3.3 | 6.3/30.3  | 11167 |
| 2002 QW <sub>39</sub>  | 2008 09 07.7 | 23 06.18 +14 24.8 19.7 | -0.97 + 1.0 | 5.9/13.2  | 77627 |
| 2002 AU <sub>24</sub>  | 2008 09 07.7 | 23 06.18 +21 31.7 18.3 | -0.94 - 0.3 | 12.3/16.3 | 43143 |
| 2005 WA <sub>202</sub> | 2008 09 07.7 | 23 06.19 -11 07.2 19.8 | -0.97 - 5.7 | 2.1/06.1  | 96593 |
| 2005 WT <sub>151</sub> | 2008 09 07.7 | 23 06.21 +07 16.2 19.8 | -1.00 - 3.9 | 5.1/11.6  | 98009 |
| 2004 HN <sub>11</sub>  | 2008 09 07.7 | 23 06.23 -17 50.0 19.7 | -1.04 - 3.6 | 5.2/04.3  | 89551 |
| 2005 XD <sub>3</sub>   | 2008 09 07.7 | 23 06.33 -16 41.3 20.8 | -0.96 - 5.9 | 3.8/04.2  | 98017 |
| 2007 GM <sub>5</sub>   | 2008 09 07.8 | 23 06.28 -10 05.9 21.1 | -0.87 - 5.4 | 1.5/06.4  | 21879 |
| 2007 EJ <sub>191</sub> | 2008 09 07.8 | 23 06.31 -19 54.2 18.7 | -1.03 + 2.5 | 6.5/04.4  | 41868 |
| 2005 EK <sub>209</sub> | 2008 09 07.8 | 23 06.32 +22 21.9 19.2 | -0.99 + 1.3 | 8.2/15.6  | 09149 |
| 2004 XQ <sub>163</sub> | 2008 09 07.8 | 23 06.38 +03 27.8 20.1 | -0.76 - 3.1 | 2.6/10.8  | 76565 |
| 2001 SG <sub>1</sub>   | 2008 09 07.8 | 23 06.40 -03 24.2 19.4 | -0.95 - 4.8 | 1.0/08.5  | 43126 |
| 2004 TZ <sub>93</sub>  | 2008 09 07.8 | 23 06.41 +04 29.1 19.5 | -0.75 - 8.6 | 3.7/11.6  | 43216 |
| 2004 RJ <sub>76</sub>  | 2008 09 07.8 | 23 06.44 -13 14.5 18.9 | -0.83 - 5.4 | 3.3/05.3  | 43208 |
| 2001 XY <sub>214</sub> | 2008 09 07.8 | 23 06.44 +27 31.5 20.9 | -0.99 - 1.7 | 9.2/19.5  | 49945 |
| 2005 AC <sub>82</sub>  | 2008 09 07.8 | 23 06.44 -02 34.7 20.9 | -0.79 - 2.8 | 0.9/08.8  | 09108 |
| 2002 PV <sub>111</sub> | 2008 09 07.8 | 23 06.44 +13 27.0 18.3 | -1.12 + 4.3 | 7.1/12.0  | 43158 |
| 2006 AE <sub>39</sub>  | 2008 09 07.8 | 23 06.45 +09 54.1 19.9 | -0.95 - 1.9 | 6.0/12.5  | 43251 |
| 2000 FS <sub>66</sub>  | 2008 09 07.8 | 23 06.46 +01 13.0 21.0 | -0.66 - 8.1 | 1.8/10.4  | 43105 |
| 2004 XJ <sub>103</sub> | 2008 09 07.8 | 23 06.46 +03 42.4 19.7 | -0.85 - 2.4 | 2.7/10.7  | 43226 |
| 2004 NX <sub>13</sub>  | 2008 09 07.8 | 23 06.46 -11 04.0 18.9 | -0.80 - 8.5 | 2.3/05.9  | 43202 |
| 2000 DS <sub>95</sub>  | 2008 09 07.8 | 23 06.51 -15 40.5 20.0 | -0.69 - 8.4 | 2.7/04.1  | 20753 |
| 2005 YW <sub>83</sub>  | 2008 09 07.8 | 23 06.52 -05 16.8 18.6 | -0.75 - 6.8 | 12.0/19.0 | 43247 |
| 2002 CJ <sub>117</sub> | 2008 09 07.8 | 23 06.58 -09 04.9 20.6 | -0.86 - 5.4 | 1.1/06.8  | 41779 |
| 2006 DY <sub>71</sub>  | 2008 09 07.8 | 23 06.58 -11 11.7 21.3 | -0.80 - 2.6 | 1.5/06.2  | 02293 |
| 2000 XR <sub>31</sub>  | 2008 09 07.8 | 23 06.59 +23 17.7 18.3 | -0.95 + 1.6 | 13.0/16.3 | 43116 |
| 2004 WP <sub>10</sub>  | 2008 09 07.8 | 23 06.62 -16 10.6 20.3 | -0.81 - 3.2 | 2.7/04.6  | 00861 |
| 2003 UD <sub>192</sub> | 2008 09 07.8 | 23 06.62 +06 54.2 18.9 | -0.71 - 5.6 | 4.0/12.3  | 43190 |
| 2001 FK <sub>4</sub>   | 2008 09 07.8 | 23 06.65 -10 57.3 20.2 | -0.80 - 3.7 | 1.8/06.2  | 43119 |
| 2006 BP <sub>174</sub> | 2008 09 07.8 | 23 06.65 -17 14.5 19.9 | -0.81 - 5.6 | 4.0/04.0  | 19282 |
| 2007 HH <sub>22</sub>  | 2008 09 07.8 | 23 06.68 -13 44.7 19.5 | -0.89 - 5.4 | 3.5/05.3  | 43281 |
| 2002 XA <sub>53</sub>  | 2008 09 07.8 | 23 06.69 -39 24.4 20.9 | -1.09 - 5.6 | 9.7/26.4  | 48304 |
| 2006 DY <sub>201</sub> | 2008 09 07.8 | 23 06.69 -08 53.4 19.3 | -0.91 - 1.1 | 1.0/07.0  | 43263 |
| 2004 RL <sub>39</sub>  | 2008 09 07.8 | 23 06.69 -08 23.2 19.5 | -0.89 - 4.1 | 1.1/07.1  | 20796 |
| 2005 WO <sub>104</sub> | 2008 09 07.9 | 23 06.62 -00 15.7 18.3 | -0.76 - 8.2 | 2.7/09.9  | 42783 |
| 2004 RT <sub>105</sub> | 2008 09 07.9 | 23 06.62 -13 16.8 19.1 | -1.59 + 5.9 | 3.3/06.6  | 42708 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 BP <sub>17</sub>  | 2008 09 07.9 | 23 06.63 -02 24.7 20.7 | -0.96 - 5.2 | 1.1/08.9  | 21325 |
| 2005 UA <sub>238</sub> | 2008 09 07.9 | 23 06.64 -03 16.1 20.1 | -0.83 - 9.3 | 1.1/08.8  | 01060 |
| 1995 US <sub>61</sub>  | 2008 09 07.9 | 23 06.68 -06 49.0 20.0 | -1.02 - 4.1 | 0.5/07.6  | 41748 |
| 2002 GQ <sub>6</sub>   | 2008 09 07.9 | 23 06.69 -42 40.6 21.8 | -1.23 - 0.7 | 9.8/26.5  | 10869 |
| 1995 CM <sub>4</sub>   | 2008 09 07.9 | 23 06.71 -04 46.7 20.8 | -0.75 - 5.2 | 0.3/08.2  | 43091 |
| 2006 BK <sub>256</sub> | 2008 09 07.9 | 23 06.74 -10 45.4 20.1 | -0.79 - 5.3 | 1.7/06.2  | 43257 |
| 2001 YA <sub>50</sub>  | 2008 09 07.9 | 23 06.75 -09 59.0 19.5 | -0.92 - 5.5 | 1.8/06.6  | 19562 |
| 2006 BP <sub>194</sub> | 2008 09 07.9 | 23 06.75 -07 15.6 19.1 | -0.85 - 8.8 | 0.7/07.4  | 43256 |
| 2003 UK <sub>278</sub> | 2008 09 07.9 | 23 06.76 -27 02.6 20.1 | -0.88 - 1.4 | 5.7/01.3  | 02190 |
| 2002 CC <sub>109</sub> | 2008 09 07.9 | 23 06.82 -10 49.0 20.8 | -0.85 - 6.2 | 1.7/06.2  | 43146 |
| 2006 CB <sub>62</sub>  | 2008 09 07.9 | 23 06.82 -45 23.9 20.6 | -0.94 - 2.0 | 9.3/24.3  | 02286 |
| 2005 WR <sub>46</sub>  | 2008 09 07.9 | 23 06.83 -04 29.4 21.3 | -0.92 - 5.8 | 0.4/08.3  | 20446 |
| 2001 BH <sub>2</sub>   | 2008 09 07.9 | 23 06.83 +01 59.5 20.4 | -0.74 - 7.7 | 2.3/10.7  | 02026 |
| 2002 EN <sub>83</sub>  | 2008 09 07.9 | 23 06.83 -10 22.8 19.1 | -0.89 - 3.5 | 1.7/06.5  | 43150 |
| 2004 XD <sub>134</sub> | 2008 09 07.9 | 23 06.95 +19 40.6 20.0 | -0.88 - 3.0 | 8.8/16.2  | 97776 |
| 2005 WB <sub>118</sub> | 2008 09 07.9 | 23 06.97 -01 11.0 17.7 | -1.01 - 0.3 | 2.4/09.2  | 43244 |
| 2004 RV <sub>228</sub> | 2008 09 07.9 | 23 06.98 -04 44.2 20.0 | -0.86 - 4.3 | 0.3/08.3  | 43211 |
| 2006 BR <sub>133</sub> | 2008 09 07.9 | 23 06.99 -06 06.3 20.6 | -0.84 - 4.4 | 8.0/19.0  | 43255 |
| 2001 SK <sub>323</sub> | 2008 09 07.9 | 23 07.00 +02 27.5 19.6 | -0.92 - 5.5 | 3.6/10.5  | 00062 |
| 2001 QZ <sub>136</sub> | 2008 09 07.9 | 23 07.00 +10 10.8 17.3 | -0.49 - 7.2 | 8.6/14.5  | 43122 |
| 2005 EX <sub>83</sub>  | 2008 09 07.9 | 23 07.01 +04 57.9 20.0 | -0.87 - 1.1 | 3.2/11.0  | 43230 |
| 2004 RH <sub>191</sub> | 2008 09 07.9 | 23 07.08 -05 59.3 18.1 | -1.33 + 8.0 | 11.9/19.0 | 43210 |
| 2001 UW <sub>169</sub> | 2008 09 08.0 | 23 06.99 -13 18.4 18.9 | -1.03 - 1.7 | 3.4/05.9  | 43135 |
| 2003 GP <sub>27</sub>  | 2008 09 08.0 | 23 07.05 -07 03.3 20.7 | -0.50 - 2.7 | 0.2/07.5  | 41789 |
| 2003 GS <sub>55</sub>  | 2008 09 08.0 | 23 07.10 -02 01.7 19.5 | -0.80 - 8.2 | 1.2/09.3  | 43171 |
| 2003 UN <sub>13</sub>  | 2008 09 08.0 | 23 07.11 +34 19.3 19.1 | -0.96 - 9.1 | 17.7/27.2 | 87595 |
| 2005 UN <sub>177</sub> | 2008 09 08.0 | 23 07.12 -09 01.1 19.4 | -0.97 - 4.1 | 1.6/07.0  | 43238 |
| 2005 UC <sub>387</sub> | 2008 09 08.0 | 23 07.13 -09 43.5 19.3 | -0.96 - 4.7 | 1.7/06.8  | 22801 |
| 2001 WS <sub>44</sub>  | 2008 09 08.0 | 23 07.14 -04 20.2 19.1 | -0.84 - 6.9 | 0.6/08.5  | 43137 |
| 2003 JH <sub>10</sub>  | 2008 09 08.0 | 23 07.15 -08 31.7 19.8 | -0.83 - 7.2 | 1.0/07.1  | 41790 |
| 2002 NZ <sub>39</sub>  | 2008 09 08.0 | 23 07.18 -09 49.4 19.5 | -0.74 - 4.7 | 1.4/06.7  | 20767 |
| 2006 BA <sub>2</sub>   | 2008 09 08.0 | 23 07.24 -01 32.2 18.9 | -0.88 - 3.4 | 1.6/09.3  | 43252 |
| 2003 UG <sub>317</sub> | 2008 09 08.0 | 23 07.29 -09 40.4 20.3 | -0.89 - 1.4 | 1.5/06.9  | 21805 |
| 2003 JG <sub>11</sub>  | 2008 09 08.0 | 23 07.29 -06 07.9 21.2 | -0.46 - 2.7 | 0.1/07.9  | 43172 |
| 2004 RQ <sub>218</sub> | 2008 09 08.0 | 23 07.30 +12 41.2 18.6 | -0.96 - 0.3 | 8.0/13.5  | 43210 |
| 2002 LO <sub>62</sub>  | 2008 09 08.0 | 23 07.30 -13 08.3 19.4 | -0.72 - 7.6 | 2.4/05.4  | 43155 |
| 2003 TU <sub>11</sub>  | 2008 09 08.0 | 23 07.32 -12 57.7 19.1 | -0.82 - 2.9 | 2.4/05.8  | 43184 |
| 2006 CC <sub>36</sub>  | 2008 09 08.0 | 23 07.34 +03 14.8 20.0 | -0.89 - 1.3 | 2.6/10.7  | 01312 |
| 2000 SJ <sub>18</sub>  | 2008 09 08.0 | 23 07.34 +12 08.7 18.7 | -0.81 - 7.8 | 7.1/14.4  | 43108 |
| 2003 SJ <sub>326</sub> | 2008 09 08.0 | 23 07.36 -04 54.9 20.4 | -0.77 - 4.8 | 0.2/08.3  | 43183 |
| 2006 BZ                | 2008 09 08.0 | 23 07.38 -36 28.7 19.3 | -0.94 -12.1 | 10.6/25.6 | 43252 |
| 2004 TN <sub>299</sub> | 2008 09 08.1 | 23 07.35 +19 31.7 18.6 | -0.86 - 2.8 | 9.7/16.7  | 74418 |
| 2005 WY <sub>172</sub> | 2008 09 08.1 | 23 07.36 -11 55.0 21.7 | -0.93 - 6.0 | 2.2/06.1  | 04365 |
| 2003 SL <sub>318</sub> | 2008 09 08.1 | 23 07.38 -05 31.8 20.9 | -0.78 - 4.4 | 0.0/08.1  | 43183 |
| 2005 JW <sub>93</sub>  | 2008 09 08.1 | 23 07.40 -50 04.7 20.7 | -1.43 - 3.3 | 18.8/24.0 | 12888 |
| 2003 TN <sub>46</sub>  | 2008 09 08.1 | 23 07.41 -05 42.9 20.0 | -0.81 - 2.8 | 0.0/08.1  | 43185 |
| 1997 YY <sub>13</sub>  | 2008 09 08.1 | 23 07.44 +00 31.6 19.3 | -0.88 - 4.5 | 1.9/10.1  | 43094 |
| 2005 WS <sub>185</sub> | 2008 09 08.1 | 23 07.45 -03 53.2 20.0 | -0.95 - 5.8 | 0.7/08.7  | 43245 |
| 2005 XP <sub>37</sub>  | 2008 09 08.1 | 23 07.45 -06 25.8 21.1 | -0.96 - 5.3 | 0.3/07.9  | 43245 |
| 2004 TF <sub>138</sub> | 2008 09 08.1 | 23 07.50 +21 23.2 19.6 | -0.77 - 8.7 | 9.0/19.0  | 43216 |
| 2004 VJ <sub>20</sub>  | 2008 09 08.1 | 23 07.51 -17 35.9 19.3 | -0.86 - 4.4 | 4.3/04.3  | 21345 |

|                        |              |          |          |      |       |       |     |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----|-----------|-------|
| 2005 TA <sub>64</sub>  | 2008 09 08.1 | 23 07.56 | -35 26.1 | 19.8 | -1.41 | +     | 2.5 | 11.1/32.0 | 19656 |
| 2003 QX <sub>1</sub>   | 2008 09 08.1 | 23 07.57 | -04 28.4 | 19.4 | -0.77 | -     | 5.3 | 0.4/08.5  | 43173 |
| 2005 UN <sub>42</sub>  | 2008 09 08.1 | 23 07.58 | -18 00.5 | 19.4 | -1.01 | -     | 1.7 | 6.4/04.6  | 43236 |
| 2002 JF <sub>5</sub>   | 2008 09 08.1 | 23 07.62 | -24 43.1 | 19.9 | -0.91 | -     | 2.4 | 6.0/02.2  | 20766 |
| 2003 SZ <sub>192</sub> | 2008 09 08.1 | 23 07.63 | +01 07.4 | 19.5 | -0.82 | -     | 2.8 | 2.2/10.2  | 42650 |
| 2000 XF <sub>22</sub>  | 2008 09 08.1 | 23 07.65 | +14 56.1 | 19.2 | -0.95 | -     | 2.1 | 7.7/14.2  | 43116 |
| 2006 BT <sub>143</sub> | 2008 09 08.1 | 23 07.66 | +09 45.5 | 20.0 | -0.84 | -     | 4.8 | 5.1/13.3  | 97082 |
| 2007 FC <sub>33</sub>  | 2008 09 08.1 | 23 07.68 | -15 24.1 | 19.8 | -0.92 | -     | 3.1 | 3.5/05.2  | 43278 |
| 2006 DE <sub>195</sub> | 2008 09 08.1 | 23 07.73 | -14 37.9 | 20.2 | -0.77 | -     | 7.1 | 2.7/05.0  | 11163 |
| 2003 SW <sub>254</sub> | 2008 09 08.1 | 23 07.73 | +00 34.3 | 19.9 | -0.70 | -     | 7.6 | 1.9/10.4  | 43182 |
| 2005 YK <sub>9</sub>   | 2008 09 08.1 | 23 07.76 | -03 54.4 | 21.3 | -0.92 | -     | 5.4 | 0.6/08.7  | 43246 |
| 2001 TA <sub>14</sub>  | 2008 09 08.1 | 23 07.77 | -20 46.3 | 19.9 | -0.98 | -     | 3.8 | 6.5/03.5  | 21306 |
| 2005 YH <sub>200</sub> | 2008 09 08.2 | 23 07.70 | -23 13.9 | 21.6 | -0.82 | -     | 6.1 | 5.0/02.0  | 96842 |
| 2003 FC <sub>2</sub>   | 2008 09 08.2 | 23 07.72 | -17 00.3 | 20.1 | -1.04 | -     | 4.4 | 4.5/04.7  | 43169 |
| 2006 CV <sub>17</sub>  | 2008 09 08.2 | 23 07.74 | -10 47.9 | 20.0 | -0.80 | -     | 5.0 | 1.7/06.5  | 43258 |
| 2004 GZ <sub>28</sub>  | 2008 09 08.2 | 23 07.75 | -01 02.8 | 20.0 | -0.98 | -     | 6.9 | 1.8/09.7  | 43200 |
| 2001 QG <sub>58</sub>  | 2008 09 08.2 | 23 07.77 | -12 14.1 | 18.2 | -0.82 | -     | 5.5 | 3.4/06.0  | 43122 |
| 2002 GD <sub>101</sub> | 2008 09 08.2 | 23 07.77 | -05 32.2 | 20.1 | -0.85 | -     | 4.6 | 0.0/08.2  | 43153 |
| 2002 CT <sub>235</sub> | 2008 09 08.2 | 23 07.79 | -08 20.2 | 18.8 | -0.58 | -     | 1.1 | 0.5/07.3  | 43148 |
| 2007 DM <sub>112</sub> | 2008 09 08.2 | 23 07.83 | +05 48.1 | 21.2 | -0.75 | -     | 8.4 | 3.5/12.4  | 40709 |
| 2004 XG <sub>177</sub> | 2008 09 08.2 | 23 07.83 | -09 10.8 | 20.5 | -0.74 | -     | 4.2 | 1.1/07.1  | 04311 |
| 2004 TL <sub>142</sub> | 2008 09 08.2 | 23 07.85 | -04 41.4 | 20.4 | -0.85 | -     | 5.0 | 0.3/08.5  | 43217 |
| 2005 CC <sub>49</sub>  | 2008 09 08.2 | 23 07.87 | -06 15.6 | 19.2 | -0.70 | -     | 9.4 | 0.2/08.0  | 43229 |
| 2003 UH <sub>283</sub> | 2008 09 08.2 | 23 07.88 | -12 53.0 | 19.4 | -0.84 | -     | 2.6 | 2.2/06.0  | 08787 |
| 2007 GO <sub>42</sub>  | 2008 09 08.2 | 23 07.88 | -04 27.2 | 20.5 | -0.87 | -     | 5.7 | 0.4/08.6  | 43280 |
| 2004 SL <sub>51</sub>  | 2008 09 08.2 | 23 07.89 | -12 37.0 | 18.9 | -0.84 | -     | 5.8 | 2.9/05.9  | 43214 |
| 2001 VG <sub>117</sub> | 2008 09 08.2 | 23 07.91 | -04 16.0 | 19.7 | -0.95 | -     | 5.3 | 0.5/08.7  | 43136 |
| 2000 WM <sub>131</sub> | 2008 09 08.2 | 23 07.93 | +04 16.1 | 20.3 | -0.80 | -     | 6.7 | 4.2/11.6  | 72249 |
| 2005 UJ <sub>402</sub> | 2008 09 08.2 | 23 07.97 | -17 59.1 | 19.1 | -0.91 | -     | 0.1 | 7.0/04.7  | 97947 |
| 2006 BO <sub>128</sub> | 2008 09 08.2 | 23 07.98 | -08 07.8 | 19.9 | -0.72 | -     | 5.8 | 0.8/07.4  | 41842 |
| 2006 CL <sub>19</sub>  | 2008 09 08.2 | 23 07.99 | +01 54.8 | 19.9 | -0.85 | -     | 4.1 | 2.5/10.6  | 43258 |
| 2005 YJ <sub>95</sub>  | 2008 09 08.2 | 23 08.01 | +16 06.0 | 19.0 | -0.91 | -     | 3.0 | 7.7/15.4  | 43248 |
| 2007 ED <sub>48</sub>  | 2008 09 08.2 | 23 08.05 | -04 16.2 | 20.3 | -0.90 | -     | 8.0 | 0.5/08.7  | 19393 |
| 2008 QQ <sub>9</sub>   | 2008 09 08.2 | 23 08.06 | -06 29.7 | 18.2 | -0.71 | -10.3 |     | 0.4/07.9  | 42998 |
| 2003 UH <sub>279</sub> | 2008 09 08.2 | 23 08.08 | +06 04.7 | 19.9 | -0.75 | -     | 3.7 | 3.3/12.1  | 43191 |
| 2004 HW <sub>6</sub>   | 2008 09 08.3 | 23 08.06 | -23 31.3 | 19.2 | -1.06 | -     | 2.7 | 7.9/03.0  | 16269 |
| 2007 LN <sub>17</sub>  | 2008 09 08.3 | 23 08.07 | -20 49.2 | 19.7 | -0.85 | -     | 3.3 | 5.3/03.4  | 38132 |
| 2006 UF <sub>256</sub> | 2008 09 08.3 | 23 08.14 | +43 56.3 | 18.5 | -1.44 | +     | 8.8 | 26.6/27.7 | 41853 |
| 1998 FP <sub>74</sub>  | 2008 09 08.3 | 23 08.18 | -18 49.1 | 19.9 | -0.98 | -     | 1.9 | 4.8/04.5  | 73935 |
| 2007 EZ <sub>124</sub> | 2008 09 08.3 | 23 08.19 | -17 17.4 | 19.0 | -1.03 | -     | 1.7 | 4.0/05.1  | 43276 |
| 2002 QN <sub>79</sub>  | 2008 09 08.3 | 23 08.22 | +06 06.5 | 19.8 | -0.77 | -     | 3.5 | 3.7/12.1  | 43160 |
| 2002 QA <sub>105</sub> | 2008 09 08.3 | 23 08.23 | -06 23.4 | 20.2 | -0.73 | -     | 4.4 | 0.3/08.1  | 43160 |
| 2007 HY <sub>6</sub>   | 2008 09 08.3 | 23 08.23 | -12 50.0 | 19.3 | -0.85 | -     | 2.8 | 2.6/06.1  | 43281 |
| 2007 EW <sub>114</sub> | 2008 09 08.3 | 23 08.23 | -10 23.6 | 21.7 | -0.95 | -     | 6.4 | 1.8/06.8  | 21670 |
| 2005 TC <sub>85</sub>  | 2008 09 08.3 | 23 08.30 | -01 08.4 | 20.9 | -0.96 | -     | 6.8 | 1.6/09.8  | 20818 |
| 2007 JU <sub>42</sub>  | 2008 09 08.3 | 23 08.33 | +03 28.2 | 19.6 | -0.96 | -     | 2.4 | 3.0/11.0  | 41875 |
| 1999 TU <sub>55</sub>  | 2008 09 08.3 | 23 08.37 | -08 39.4 | 20.6 | -0.84 | -     | 4.2 | 1.1/07.4  | 41752 |
| 2004 TU <sub>168</sub> | 2008 09 08.3 | 23 08.39 | -14 13.2 | 19.0 | -0.91 | -     | 4.5 | 3.5/05.6  | 43217 |
| 2006 EQ <sub>33</sub>  | 2008 09 08.3 | 23 08.39 | -17 08.6 | 21.6 | -0.80 | -     | 2.7 | 3.0/04.8  | 38087 |
| 2006 DJ <sub>12</sub>  | 2008 09 08.3 | 23 08.40 | -05 54.7 | 20.6 | -0.72 | -     | 4.5 | 0.1/08.3  | 43259 |
| 2003 UL <sub>7</sub>   | 2008 09 08.3 | 23 08.40 | -19 27.2 | 20.4 | -0.84 | -     | 2.4 | 4.3/04.0  | 00595 |

|                        |              |          |          |      |       |       |     |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----|-----------|-------|
| 2007 EJ <sub>68</sub>  | 2008 09 08.3 | 23 08.43 | -09 12.7 | 18.4 | -0.83 | -     | 3.0 | 1.9/07.3  | 43275 |
| 2001 WF <sub>24</sub>  | 2008 09 08.3 | 23 08.43 | -16 48.6 | 21.5 | -0.98 | -     | 4.2 | 4.2/04.9  | 20269 |
| 2004 VK <sub>37</sub>  | 2008 09 08.3 | 23 08.47 | -33 36.6 | 19.5 | -0.94 | +     | 2.6 | 13.7/30.8 | 97769 |
| 2001 TL <sub>187</sub> | 2008 09 08.3 | 23 08.48 | -02 45.3 | 19.4 | -0.99 | -     | 3.5 | 1.1/09.2  | 43132 |
| 2003 UM <sub>54</sub>  | 2008 09 08.3 | 23 08.49 | -16 23.0 | 20.8 | -0.86 | -     | 1.9 | 3.0/05.1  | 00606 |
| 2000 GU <sub>4</sub>   | 2008 09 08.3 | 23 08.50 | +06 14.4 | 20.0 | -0.85 | -13.6 |     | 3.8/13.0  | 22668 |
| 2002 CF <sub>139</sub> | 2008 09 08.4 | 23 08.43 | -02 46.7 | 20.4 | -0.84 | -     | 6.3 | 0.9/09.3  | 43147 |
| 2006 BX <sub>64</sub>  | 2008 09 08.4 | 23 08.43 | +00 12.6 | 19.7 | -0.84 | -     | 3.8 | 2.2/10.2  | 43253 |
| 2002 AE <sub>166</sub> | 2008 09 08.4 | 23 08.43 | +01 36.1 | 20.2 | -0.49 | -     | 2.7 | 1.3/10.9  | 10853 |
| 2000 UP <sub>66</sub>  | 2008 09 08.4 | 23 08.45 | +00 43.9 | 19.8 | -0.87 | -     | 4.8 | 2.7/10.4  | 43112 |
| 2003 TO <sub>45</sub>  | 2008 09 08.4 | 23 08.50 | -01 02.0 | 20.9 | -0.78 | -     | 3.5 | 1.3/09.8  | 43185 |
| 2006 EU <sub>63</sub>  | 2008 09 08.4 | 23 08.51 | +00 32.0 | 20.7 | -0.75 | -     | 3.7 | 1.7/10.4  | 43265 |
| 2003 HX <sub>18</sub>  | 2008 09 08.4 | 23 08.53 | +02 28.9 | 20.9 | -0.78 | -10.2 |     | 2.8/11.4  | 19102 |
| 2000 CX <sub>110</sub> | 2008 09 08.4 | 23 08.56 | -03 44.6 | 21.5 | -0.99 | -     | 5.2 | 0.6/09.0  | 17396 |
| 2001 QW <sub>42</sub>  | 2008 09 08.4 | 23 08.57 | -13 37.8 | 18.5 | -0.79 | -     | 8.2 | 3.9/05.5  | 43122 |
| 1998 FW                | 2008 09 08.4 | 23 08.57 | -11 22.6 | 20.4 | -0.86 | -     | 4.9 | 2.0/06.6  | 20726 |
| 2002 OH <sub>8</sub>   | 2008 09 08.4 | 23 08.60 | +27 07.3 | 19.1 | -1.08 | +     | 4.1 | 11.8/16.7 | 43156 |
| 2007 FR <sub>44</sub>  | 2008 09 08.4 | 23 08.60 | -05 06.9 | 21.7 | -0.90 | -     | 6.2 | 0.1/08.6  | 31527 |
| 2003 SE <sub>320</sub> | 2008 09 08.4 | 23 08.65 | -01 31.1 | 20.7 | -0.72 | -     | 5.7 | 1.1/09.8  | 43183 |
| 2000 HT <sub>42</sub>  | 2008 09 08.4 | 23 08.69 | +19 57.6 | 21.1 | -0.67 | -     | 6.2 | 5.8/18.3  | 01998 |
| 1998 FY <sub>24</sub>  | 2008 09 08.4 | 23 08.69 | -02 41.5 | 19.9 | -0.95 | -     | 2.3 | 0.9/09.3  | 43094 |
| 2005 UK <sub>172</sub> | 2008 09 08.4 | 23 08.71 | -02 53.1 | 21.1 | -0.92 | -     | 6.1 | 0.9/09.3  | 43238 |
| 2003 UM <sub>24</sub>  | 2008 09 08.4 | 23 08.71 | +36 12.5 | 19.6 | -0.99 | -     | 7.9 | 18.7/28.5 | 87595 |
| 2007 GN <sub>36</sub>  | 2008 09 08.4 | 23 08.71 | -25 04.3 | 20.8 | -0.95 | -     | 2.7 | 6.4/02.5  | 20609 |
| 2005 SE <sub>281</sub> | 2008 09 08.4 | 23 08.71 | +03 26.3 | 20.0 | -0.89 | -     | 8.1 | 3.5/11.5  | 19655 |
| 2001 UD <sub>151</sub> | 2008 09 08.4 | 23 08.74 | -20 50.0 | 19.7 | -0.94 | -     | 4.6 | 6.7/03.4  | 43134 |
| 2006 EC <sub>43</sub>  | 2008 09 08.4 | 23 08.74 | -35 59.5 | 20.2 | -0.93 | -     | 0.9 | 7.7/29.5  | 43265 |
| 2005 UH <sub>360</sub> | 2008 09 08.4 | 23 08.78 | +01 32.7 | 19.2 | -0.88 | -     | 3.1 | 2.5/10.6  | 43240 |
| 2005 JF <sub>162</sub> | 2008 09 08.4 | 23 08.81 | -13 38.4 | 20.5 | -0.48 | -     | 3.6 | 1.5/05.5  | 22508 |
| 2006 YW <sub>48</sub>  | 2008 09 08.4 | 23 08.83 | -49 38.3 | 19.5 | -1.17 | -     | 8.3 | 19.3/24.0 | 43272 |
| 2004 NU <sub>5</sub>   | 2008 09 08.5 | 23 08.82 | -17 55.8 | 18.9 | -0.83 | -     | 4.8 | 5.8/04.4  | 43202 |
| 2006 BD <sub>166</sub> | 2008 09 08.5 | 23 08.83 | -04 50.2 | 20.7 | -0.81 | -     | 4.6 | 0.2/08.7  | 11156 |
| 2003 UL <sub>166</sub> | 2008 09 08.5 | 23 08.83 | +21 25.4 | 20.6 | -0.71 | -     | 6.4 | 6.8/18.6  | 76113 |
| 2003 UY <sub>156</sub> | 2008 09 08.5 | 23 08.86 | -25 28.8 | 18.7 | -0.80 | -     | 3.7 | 7.2/01.6  | 43189 |
| 2003 SP <sub>15</sub>  | 2008 09 08.5 | 23 08.90 | -07 34.9 | 20.0 | -0.91 | -     | 1.1 | 0.7/07.9  | 43176 |
| 2006 DJ                | 2008 09 08.5 | 23 08.91 | -18 42.1 | 19.1 | -0.94 | -     | 4.5 | 6.0/04.2  | 41845 |
| 2002 CM <sub>157</sub> | 2008 09 08.5 | 23 08.92 | -13 09.6 | 21.1 | -0.82 | -     | 5.9 | 2.2/06.0  | 97569 |
| 2002 FC <sub>26</sub>  | 2008 09 08.5 | 23 08.92 | -25 33.6 | 20.1 | -0.83 | -     | 5.4 | 6.0/01.6  | 21315 |
| 2006 BA <sub>76</sub>  | 2008 09 08.5 | 23 08.93 | -08 25.6 | 19.6 | -0.89 | -     | 3.0 | 1.1/07.7  | 43254 |
| 2006 DS <sub>214</sub> | 2008 09 08.5 | 23 08.96 | -06 10.7 | 19.7 | -0.87 | -     | 1.1 | 0.2/08.3  | 43264 |
| 2004 NQ <sub>27</sub>  | 2008 09 08.5 | 23 08.97 | -07 46.0 | 19.4 | -0.88 | -     | 8.0 | 0.9/07.8  | 41807 |
| 2001 YD <sub>70</sub>  | 2008 09 08.5 | 23 08.97 | +00 13.9 | 19.3 | -0.95 | -     | 3.4 | 2.3/10.2  | 41776 |
| 2007 EY <sub>87</sub>  | 2008 09 08.5 | 23 08.98 | -04 34.1 | 20.6 | -0.86 | -     | 8.4 | 0.3/08.9  | 43276 |
| 2005 WX <sub>26</sub>  | 2008 09 08.5 | 23 08.99 | -20 34.0 | 19.5 | -0.98 | -     | 4.2 | 6.9/03.7  | 97982 |
| 2007 ED <sub>220</sub> | 2008 09 08.5 | 23 09.01 | -17 18.8 | 19.1 | -1.05 | -     | 2.3 | 5.4/05.1  | 43278 |
| 2003 WN <sub>169</sub> | 2008 09 08.5 | 23 09.03 | -45 24.8 | 19.2 | -0.92 | -     | 4.4 | 11.8/24.0 | 43195 |
| 2003 WN <sub>46</sub>  | 2008 09 08.5 | 23 09.04 | +10 45.9 | 20.1 | -0.68 | -     | 6.5 | 4.6/14.5  | 69586 |
| 2000 YR <sub>16</sub>  | 2008 09 08.5 | 23 09.15 | +30 24.1 | 18.9 | -1.13 | -     | 1.9 | 16.7/22.2 | 16149 |
| 2003 BS <sub>65</sub>  | 2008 09 08.5 | 23 09.17 | -00 04.3 | 21.1 | -0.91 | -     | 6.7 | 1.9/10.4  | 43168 |
| 2006 BE <sub>44</sub>  | 2008 09 08.5 | 23 09.17 | -09 25.6 | 19.9 | -0.71 | -     | 7.7 | 1.2/07.2  | 43253 |
| 2005 XO <sub>32</sub>  | 2008 09 08.5 | 23 09.18 | -13 42.3 | 18.9 | -0.93 | -     | 6.8 | 3.6/05.8  | 41835 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 ST <sub>333</sub> | 2008 09 08.6 | 23 09.14 | -13 45.7 | 20.3 | -0.91 | - 1.9 | 2.6/06.2  | 22745 |
| 2007 EU <sub>89</sub>  | 2008 09 08.6 | 23 09.15 | -08 15.0 | 20.1 | -1.00 | - 5.7 | 1.3/07.7  | 41328 |
| 2004 US <sub>9</sub>   | 2008 09 08.6 | 23 09.15 | +15 23.3 | 18.1 | -0.55 | -10.1 | 9.4/17.6  | 43221 |
| 2006 DJ <sub>29</sub>  | 2008 09 08.6 | 23 09.16 | -11 32.4 | 20.2 | -0.84 | - 6.0 | 2.2/06.6  | 21357 |
| 2002 FZ                | 2008 09 08.6 | 23 09.17 | +01 25.7 | 19.5 | -0.75 | - 7.8 | 2.2/11.1  | 21314 |
| 2006 BM <sub>214</sub> | 2008 09 08.6 | 23 09.23 | +13 00.1 | 19.5 | -0.91 | - 2.2 | 6.1/14.3  | 01288 |
| 2007 CX <sub>63</sub>  | 2008 09 08.6 | 23 09.26 | -09 58.8 | 20.6 | -0.80 | - 8.9 | 1.4/07.0  | 19700 |
| 2006 BX <sub>199</sub> | 2008 09 08.6 | 23 09.29 | -02 31.5 | 20.8 | -0.80 | - 4.7 | 1.0/09.6  | 43256 |
| 2001 WS <sub>73</sub>  | 2008 09 08.6 | 23 09.30 | -09 25.8 | 20.1 | -0.91 | - 6.0 | 1.4/07.3  | 20753 |
| 2004 RT <sub>293</sub> | 2008 09 08.6 | 23 09.32 | +18 54.7 | 18.9 | -0.89 | - 4.7 | 9.7/17.6  | 43211 |
| 1998 BO <sub>6</sub>   | 2008 09 08.6 | 23 09.32 | -05 40.0 | 21.1 | -0.87 | - 5.1 | 0.1/08.6  | 99889 |
| 2003 UC <sub>29</sub>  | 2008 09 08.6 | 23 09.36 | +12 20.4 | 19.8 | -0.71 | - 6.0 | 5.1/15.0  | 02178 |
| 2006 FL <sub>23</sub>  | 2008 09 08.6 | 23 09.37 | -29 35.9 | 21.4 | -0.90 | - 1.0 | 6.0/01.2  | 01525 |
| 2004 RB <sub>156</sub> | 2008 09 08.6 | 23 09.40 | -00 03.3 | 19.9 | -0.88 | - 4.9 | 2.1/10.4  | 43209 |
| 2000 EW <sub>4</sub>   | 2008 09 08.6 | 23 09.41 | -01 06.3 | 19.5 | -0.87 | - 1.1 | 1.5/09.9  | 43104 |
| 2001 TZ <sub>148</sub> | 2008 09 08.6 | 23 09.44 | -14 40.3 | 20.0 | -0.95 | - 6.4 | 3.4/05.6  | 43131 |
| 1996 TM <sub>12</sub>  | 2008 09 08.6 | 23 09.46 | +05 03.1 | 19.2 | -0.81 | - 8.2 | 4.0/12.4  | 43093 |
| 2004 YA <sub>26</sub>  | 2008 09 08.6 | 23 09.50 | +05 32.9 | 20.2 | -0.77 | - 3.4 | 3.3/12.2  | 43227 |
| 2006 BT <sub>80</sub>  | 2008 09 08.6 | 23 09.52 | -15 45.0 | 20.4 | -0.74 | - 8.6 | 3.1/04.9  | 02275 |
| 2007 HE <sub>46</sub>  | 2008 09 08.6 | 23 09.53 | -15 40.8 | 20.0 | -0.84 | - 5.1 | 3.5/05.3  | 41873 |
| 2002 CD <sub>272</sub> | 2008 09 08.6 | 23 09.54 | -20 50.1 | 20.3 | -0.49 | - 2.4 | 2.5/03.2  | 48212 |
| 2000 WV <sub>169</sub> | 2008 09 08.6 | 23 09.56 | +18 22.8 | 18.8 | -0.89 | - 3.3 | 8.3/16.6  | 43115 |
| 2007 EG <sub>35</sub>  | 2008 09 08.6 | 23 09.58 | -11 48.9 | 21.1 | -0.90 | - 6.7 | 2.2/06.6  | 19387 |
| 2000 UR <sub>05</sub>  | 2008 09 08.7 | 23 09.52 | -29 47.9 | 19.0 | -1.01 | - 3.6 | 9.3/31.2  | 43112 |
| 2003 UU <sub>147</sub> | 2008 09 08.7 | 23 09.53 | -15 44.9 | 19.8 | -0.75 | - 5.3 | 3.3/05.1  | 16257 |
| 2003 UJ <sub>116</sub> | 2008 09 08.7 | 23 09.53 | -33 46.3 | 20.1 | -0.98 | + 0.1 | 9.6/30.8  | 58007 |
| 2000 FZ <sub>6</sub>   | 2008 09 08.7 | 23 09.64 | -00 36.5 | 21.1 | -0.91 | - 7.4 | 1.7/10.3  | 43104 |
| 2002 PZ <sub>163</sub> | 2008 09 08.7 | 23 09.65 | -16 33.3 | 19.6 | -0.70 | - 6.6 | 3.2/04.7  | 43159 |
| 2003 SE <sub>191</sub> | 2008 09 08.7 | 23 09.66 | +02 33.5 | 18.6 | -0.83 | - 2.6 | 2.6/11.2  | 72886 |
| 2005 LN <sub>51</sub>  | 2008 09 08.7 | 23 09.71 | -15 10.3 | 19.5 | -0.48 | - 4.9 | 1.9/05.1  | 43232 |
| 2001 SX <sub>25</sub>  | 2008 09 08.7 | 23 09.73 | -09 18.3 | 19.5 | -0.99 | - 4.8 | 1.6/07.6  | 43126 |
| 2007 DA <sub>81</sub>  | 2008 09 08.7 | 23 09.79 | -08 03.7 | 19.5 | -0.95 | - 4.8 | 1.1/07.9  | 41863 |
| 2002 CU <sub>221</sub> | 2008 09 08.7 | 23 09.81 | -07 51.0 | 20.5 | -0.77 | - 8.2 | 0.7/07.9  | 41779 |
| 2001 SH <sub>249</sub> | 2008 09 08.7 | 23 09.81 | -11 21.0 | 18.7 | -0.88 | - 3.1 | 3.0/07.0  | 42592 |
| 2006 BD <sub>105</sub> | 2008 09 08.7 | 23 09.82 | -05 58.7 | 19.0 | -0.88 | - 3.2 | 0.3/08.6  | 43254 |
| 2001 TQ <sub>67</sub>  | 2008 09 08.7 | 23 09.83 | +05 57.8 | 19.1 | -0.72 | - 7.6 | 5.5/12.9  | 30479 |
| 2004 TX <sub>88</sub>  | 2008 09 08.7 | 23 09.86 | -07 05.6 | 20.8 | -0.85 | - 6.0 | 0.6/08.2  | 95509 |
| 2004 RT <sub>245</sub> | 2008 09 08.7 | 23 09.91 | -15 45.0 | 20.4 | -1.20 | + 0.5 | 3.4/06.2  | 43211 |
| 2007 DJ <sub>38</sub>  | 2008 09 08.7 | 23 09.92 | -05 31.4 | 19.0 | -0.94 | - 3.7 | 0.1/08.7  | 43273 |
| 2004 RY <sub>1</sub>   | 2008 09 08.7 | 23 09.93 | +29 15.2 | 19.2 | -1.18 | + 2.2 | 11.6/17.9 | 41810 |
| 2005 UJ <sub>347</sub> | 2008 09 08.8 | 23 09.89 | -02 57.1 | 20.5 | -0.91 | - 6.2 | 0.8/09.6  | 43240 |
| 2005 UU <sub>298</sub> | 2008 09 08.8 | 23 09.90 | -08 59.2 | 21.1 | -0.93 | - 5.5 | 1.3/07.7  | 41831 |
| 2001 XL <sub>177</sub> | 2008 09 08.8 | 23 09.90 | -05 17.6 | 19.3 | -0.90 | - 6.9 | 0.0/08.8  | 43140 |
| 2007 CW <sub>26</sub>  | 2008 09 08.8 | 23 09.93 | -03 58.7 | 19.7 | -1.08 | - 3.2 | 0.6/09.2  | 42869 |
| 2008 OA <sub>7</sub>   | 2008 09 08.8 | 23 09.93 | -08 17.0 | 18.0 | -0.33 | -23.4 | 1.2/07.4  | 43303 |
| 2006 AD <sub>82</sub>  | 2008 09 08.8 | 23 10.02 | -04 48.5 | 21.0 | -0.69 | - 5.9 | 0.1/09.0  | 43252 |
| 2005 YV <sub>16</sub>  | 2008 09 08.8 | 23 10.02 | -02 12.5 | 20.4 | -0.92 | - 5.4 | 1.4/09.8  | 43246 |
| 2001 SD <sub>312</sub> | 2008 09 08.8 | 23 10.02 | +06 25.1 | 19.0 | -0.90 | - 5.9 | 5.1/13.0  | 43129 |
| 2004 TB <sub>343</sub> | 2008 09 08.8 | 23 10.03 | +15 22.2 | 19.3 | -0.75 | - 8.4 | 6.9/17.0  | 43220 |
| 2005 YW <sub>92</sub>  | 2008 09 08.8 | 23 10.03 | +01 10.5 | 20.1 | -0.90 | - 5.0 | 2.8/10.9  | 43247 |
| 2003 SN <sub>227</sub> | 2008 09 08.8 | 23 10.06 | +01 13.8 | 18.4 | -0.74 | - 5.3 | 2.3/11.1  | 43181 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 EW <sub>25</sub>  | 2008 09 08.8 | 23 10.08 | -15 32.1 | 19.9 | -0.92 | - 3.7 | 3.4/05.8  | 20852 |
| 2003 SF <sub>318</sub> | 2008 09 08.8 | 23 10.09 | -01 51.4 | 20.8 | -0.79 | - 4.1 | 1.1/10.0  | 43183 |
| 2003 RP <sub>24</sub>  | 2008 09 08.8 | 23 10.09 | +08 28.8 | 18.8 | -0.82 | - 3.4 | 4.7/13.3  | 43175 |
| 2001 SR <sub>146</sub> | 2008 09 08.8 | 23 10.10 | -11 03.6 | 18.9 | -0.85 | - 6.8 | 2.6/06.9  | 43127 |
| 2003 WR <sub>109</sub> | 2008 09 08.8 | 23 10.12 | -02 52.1 | 20.1 | -0.78 | - 4.2 | 0.9/09.7  | 97693 |
| 2002 BX <sub>24</sub>  | 2008 09 08.8 | 23 10.15 | -18 28.0 | 20.0 | -0.95 | - 2.8 | 4.2/04.9  | 97557 |
| 2003 TQ <sub>54</sub>  | 2008 09 08.8 | 23 10.20 | -20 22.9 | 20.8 | -0.78 | - 3.5 | 4.2/04.0  | 03532 |
| 2001 UW <sub>75</sub>  | 2008 09 08.8 | 23 10.21 | -01 40.2 | 19.4 | -0.86 | - 8.0 | 1.6/10.1  | 43133 |
| 2007 BH <sub>20</sub>  | 2008 09 08.8 | 23 10.23 | -04 52.4 | 21.1 | -1.03 | - 4.9 | 0.2/09.0  | 19695 |
| 2000 XA <sub>16</sub>  | 2008 09 08.8 | 23 10.23 | +04 55.1 | 18.6 | -1.01 | - 0.7 | 4.1/11.6  | 43115 |
| 2002 LG <sub>47</sub>  | 2008 09 08.8 | 23 10.24 | -11 39.0 | 20.7 | -0.76 | -10.1 | 2.0/06.6  | 41782 |
| 2004 NR <sub>5</sub>   | 2008 09 08.9 | 23 10.22 | -17 26.2 | 18.8 | -0.82 | - 4.8 | 5.7/04.8  | 43202 |
| 2000 FA <sub>21</sub>  | 2008 09 08.9 | 23 10.23 | -17 13.8 | 19.5 | -0.96 | - 6.2 | 4.4/05.1  | 41755 |
| 2005 AZ <sub>36</sub>  | 2008 09 08.9 | 23 10.25 | -17 37.7 | 20.2 | -0.69 | - 7.5 | 3.4/04.3  | 43228 |
| 2005 YF <sub>151</sub> | 2008 09 08.9 | 23 10.32 | +01 05.0 | 21.5 | -0.88 | - 3.9 | 2.0/10.9  | 02266 |
| 2000 GN <sub>21</sub>  | 2008 09 08.9 | 23 10.35 | -04 10.3 | 20.5 | -0.93 | - 6.7 | 0.4/09.3  | 43105 |
| 2007 ES <sub>197</sub> | 2008 09 08.9 | 23 10.36 | -02 23.7 | 21.1 | -0.93 | - 6.2 | 1.1/09.9  | 20858 |
| 2003 UE <sub>161</sub> | 2008 09 08.9 | 23 10.36 | -19 34.0 | 19.8 | -0.80 | - 3.1 | 4.2/04.3  | 43189 |
| 2004 XC <sub>140</sub> | 2008 09 08.9 | 23 10.37 | -13 26.8 | 20.1 | -0.69 | - 5.4 | 2.1/06.1  | 43226 |
| 2001 SP <sub>255</sub> | 2008 09 08.9 | 23 10.38 | -13 19.4 | 18.8 | -0.86 | - 2.6 | 4.1/06.5  | 43129 |
| 2003 ET <sub>44</sub>  | 2008 09 08.9 | 23 10.43 | +00 00.7 | 21.7 | -0.87 | - 6.5 | 1.6/10.7  | 21325 |
| 2006 BO <sub>251</sub> | 2008 09 08.9 | 23 10.45 | -04 57.1 | 21.1 | -0.75 | - 4.9 | 0.1/09.1  | 43257 |
| 2005 UW <sub>326</sub> | 2008 09 08.9 | 23 10.47 | -17 23.2 | 19.6 | -0.94 | - 1.3 | 6.5/05.5  | 97939 |
| 2003 XW <sub>1</sub>   | 2008 09 08.9 | 23 10.49 | -31 41.9 | 19.7 | -0.88 | - 4.7 | 9.7/29.7  | 58080 |
| 2001 QB <sub>247</sub> | 2008 09 08.9 | 23 10.51 | -17 31.0 | 18.1 | -1.17 | + 0.5 | 5.6/05.9  | 43123 |
| 2006 HS <sub>94</sub>  | 2008 09 08.9 | 23 10.52 | -07 07.6 | 21.8 | -0.75 | - 4.7 | 0.5/08.4  | 01711 |
| 2003 SL <sub>199</sub> | 2008 09 08.9 | 23 10.53 | +01 51.0 | 19.9 | -0.76 | - 4.9 | 2.1/11.3  | 43180 |
| 2001 XP <sub>143</sub> | 2008 09 08.9 | 23 10.53 | -06 31.5 | 19.1 | -0.77 | - 7.3 | 0.6/08.5  | 43140 |
| 2004 SN <sub>11</sub>  | 2008 09 08.9 | 23 10.54 | -23 57.2 | 18.7 | -0.92 | - 7.1 | 7.8/02.0  | 41815 |
| 2006 FU <sub>20</sub>  | 2008 09 08.9 | 23 10.54 | -08 58.5 | 20.4 | -0.74 | - 4.0 | 1.1/07.8  | 11165 |
| 2005 XU <sub>65</sub>  | 2008 09 08.9 | 23 10.57 | -03 34.6 | 20.0 | -0.91 | - 6.8 | 0.7/09.5  | 43246 |
| 2002 PX <sub>176</sub> | 2008 09 08.9 | 23 10.59 | -16 15.4 | 19.3 | -0.65 | -12.2 | 3.4/04.5  | 42618 |
| 2006 BO <sub>57</sub>  | 2008 09 08.9 | 23 10.59 | -03 38.9 | 18.8 | -0.88 | - 3.1 | 0.6/09.5  | 43253 |
| 2007 JY <sub>4</sub>   | 2008 09 08.9 | 23 10.62 | -16 09.7 | 19.8 | -0.84 | - 4.3 | 3.8/05.5  | 43283 |
| 2000 WX <sub>1</sub>   | 2008 09 08.9 | 23 10.64 | +02 14.0 | 19.2 | -0.85 | - 5.4 | 2.9/11.4  | 43114 |
| 2003 AD <sub>40</sub>  | 2008 09 08.9 | 23 10.66 | +04 53.8 | 19.6 | -0.97 | - 5.6 | 4.0/12.2  | 43167 |
| 2003 QS <sub>81</sub>  | 2008 09 09.0 | 23 10.60 | -05 13.3 | 19.8 | -0.80 | - 4.6 | 0.0/09.0  | 43175 |
| 2001 SJ <sub>11</sub>  | 2008 09 09.0 | 23 10.62 | +02 08.8 | 18.3 | -1.01 | - 2.1 | 3.4/11.1  | 42589 |
| 2004 TW <sub>135</sub> | 2008 09 09.0 | 23 10.63 | -14 13.9 | 18.9 | -1.10 | + 4.1 | 4.4/07.1  | 42722 |
| 2002 AH <sub>187</sub> | 2008 09 09.0 | 23 10.64 | -05 31.4 | 19.5 | -1.10 | - 0.5 | 0.1/09.0  | 43144 |
| 2006 BJ <sub>223</sub> | 2008 09 09.0 | 23 10.64 | -00 40.2 | 19.8 | -0.86 | - 3.6 | 1.6/10.4  | 42798 |
| 2005 WH <sub>208</sub> | 2008 09 09.0 | 23 10.71 | -02 16.7 | 20.1 | -0.82 | - 4.8 | 1.0/10.0  | 11152 |
| 2002 JA <sub>149</sub> | 2008 09 09.0 | 23 10.79 | +09 23.1 | 20.4 | -0.79 | - 6.2 | 4.5/14.1  | 03324 |
| 2006 DU <sub>208</sub> | 2008 09 09.0 | 23 10.79 | +04 59.0 | 19.9 | -0.67 | - 7.2 | 2.7/12.8  | 43263 |
| 2001 XR <sub>4</sub>   | 2008 09 09.0 | 23 10.80 | -49 47.2 | 19.6 | -1.10 | - 4.5 | 11.5/24.0 | 43138 |
| 2002 CH <sub>87</sub>  | 2008 09 09.0 | 23 10.81 | -06 04.5 | 20.7 | -0.84 | - 5.3 | 0.3/08.8  | 43146 |
| 2001 FD <sub>148</sub> | 2008 09 09.0 | 23 10.83 | +06 22.5 | 19.5 | -0.80 | - 3.2 | 3.4/12.8  | 43120 |
| 1996 GR <sub>6</sub>   | 2008 09 09.0 | 23 10.89 | -10 49.8 | 20.0 | -0.94 | - 5.5 | 2.1/07.3  | 19509 |
| 2002 CF <sub>134</sub> | 2008 09 09.0 | 23 10.97 | -06 40.8 | 20.8 | -0.82 | - 6.9 | 0.4/08.6  | 43147 |
| 2004 XU <sub>159</sub> | 2008 09 09.0 | 23 10.97 | -22 05.1 | 20.4 | -0.78 | - 4.0 | 4.9/03.4  | 76564 |
| 1998 HD <sub>10</sub>  | 2008 09 09.0 | 23 11.01 | -25 58.8 | 20.9 | -0.97 | - 2.1 | 6.6/02.9  | 20240 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 AL <sub>16</sub>  | 2008 09 09.0 | 23 11.02 +21 48.4 21.3 | -1.06 + 0.5 | 7.7/16.8  | 98075 |
| 2002 QT <sub>97</sub>  | 2008 09 09.1 | 23 10.93 -12 54.3 20.5 | -0.68 - 6.6 | 2.1/06.4  | 03367 |
| 2001 VB <sub>39</sub>  | 2008 09 09.1 | 23 10.94 -16 35.7 20.1 | -0.97 - 4.4 | 4.2/05.6  | 20752 |
| 2005 UO <sub>355</sub> | 2008 09 09.1 | 23 10.95 +27 06.9 20.0 | -0.96 - 5.0 | 10.2/20.7 | 97942 |
| 2003 UA <sub>208</sub> | 2008 09 09.1 | 23 10.98 -13 11.2 19.8 | -0.81 - 3.1 | 2.4/06.6  | 43190 |
| 2003 BP <sub>62</sub>  | 2008 09 09.1 | 23 11.01 -15 06.8 19.8 | -1.02 - 4.8 | 3.9/06.1  | 43167 |
| 2001 UZ <sub>25</sub>  | 2008 09 09.1 | 23 11.01 +02 09.2 19.0 | -0.99 - 2.1 | 3.4/11.2  | 42597 |
| 2008 QB <sub>16</sub>  | 2008 09 09.1 | 23 11.01 -04 20.4 19.4 | -0.94 - 3.4 | 0.4/09.4  | 43002 |
| 2006 DE <sub>187</sub> | 2008 09 09.1 | 23 11.02 -11 13.2 19.3 | -0.78 - 3.1 | 2.1/07.2  | 43263 |
| 2007 LT <sub>3</sub>   | 2008 09 09.1 | 23 11.03 -01 21.5 19.7 | -0.69 - 6.7 | 1.4/10.5  | 43284 |
| 2000 DE <sub>102</sub> | 2008 09 09.1 | 23 11.04 -12 23.2 19.7 | -0.95 - 6.7 | 2.7/06.8  | 43104 |
| 2003 BA <sub>55</sub>  | 2008 09 09.1 | 23 11.10 -07 26.6 19.7 | -0.95 - 5.1 | 0.8/08.5  | 41787 |
| 2007 ED <sub>133</sub> | 2008 09 09.1 | 23 11.12 -04 56.2 20.0 | -0.93 - 7.6 | 0.1/09.2  | 43277 |
| 2007 DR <sub>111</sub> | 2008 09 09.1 | 23 11.17 -06 30.5 18.5 | -0.92 - 4.0 | 0.6/08.8  | 43274 |
| 2007 HU <sub>18</sub>  | 2008 09 09.1 | 23 11.18 -02 16.3 19.7 | -0.68 - 9.0 | 0.8/10.3  | 21364 |
| 2003 UT <sub>242</sub> | 2008 09 09.1 | 23 11.18 -37 13.1 20.6 | -1.06 - 1.1 | 10.3/28.8 | 58033 |
| 2006 AT <sub>81</sub>  | 2008 09 09.1 | 23 11.20 +13 50.8 19.9 | -1.23 + 2.3 | 6.2/13.5  | 02270 |
| 2007 HV <sub>33</sub>  | 2008 09 09.1 | 23 11.20 -09 15.0 19.9 | -0.91 - 4.2 | 1.6/07.9  | 22889 |
| 2007 EN <sub>196</sub> | 2008 09 09.1 | 23 11.21 -07 04.5 21.7 | -0.95 - 5.3 | 0.7/08.6  | 22858 |
| 2002 NU <sub>58</sub>  | 2008 09 09.1 | 23 11.23 -04 44.0 19.8 | -0.67 - 7.9 | 0.1/09.4  | 43156 |
| 2005 SQ <sub>31</sub>  | 2008 09 09.1 | 23 11.24 -15 23.3 20.1 | -1.05 - 4.0 | 3.8/06.2  | 18122 |
| 2003 FY <sub>76</sub>  | 2008 09 09.1 | 23 11.24 -06 54.0 20.8 | -0.92 - 5.2 | 0.6/08.6  | 20777 |
| 2007 GC <sub>23</sub>  | 2008 09 09.1 | 23 11.26 +05 49.7 18.0 | -0.70 - 8.1 | 5.2/13.0  | 43279 |
| 2002 AO <sub>148</sub> | 2008 09 09.1 | 23 11.27 +02 55.4 21.2 | -0.43 - 1.7 | 1.1/12.0  | 24343 |
| 2004 TQ <sub>340</sub> | 2008 09 09.1 | 23 11.30 -11 49.4 18.8 | -0.70 -13.4 | 2.6/06.5  | 43220 |
| 2006 BV <sub>267</sub> | 2008 09 09.1 | 23 11.31 -25 00.9 20.1 | -0.83 - 8.5 | 6.7/01.6  | 21356 |
| 2000 HM <sub>63</sub>  | 2008 09 09.1 | 23 11.32 -14 10.5 20.6 | -1.00 - 4.5 | 3.2/06.5  | 22669 |
| 2005 WS <sub>71</sub>  | 2008 09 09.1 | 23 11.34 +05 00.5 20.2 | -1.00 - 5.3 | 4.1/12.3  | 96491 |
| 2007 GG <sub>56</sub>  | 2008 09 09.1 | 23 11.34 -08 02.4 19.9 | -0.77 - 7.5 | 1.1/08.2  | 41871 |
| 2002 EE <sub>8</sub>   | 2008 09 09.2 | 23 11.29 -05 34.3 19.0 | -0.52 - 1.9 | 0.1/09.1  | 43149 |
| 2003 ST <sub>259</sub> | 2008 09 09.2 | 23 11.31 -17 17.6 19.5 | -0.85 - 2.6 | 3.9/05.4  | 43182 |
| 2006 AS <sub>7</sub>   | 2008 09 09.2 | 23 11.34 -42 06.7 20.9 | -0.87 - 3.1 | 8.3/26.3  | 01201 |
| 1997 KY <sub>1</sub>   | 2008 09 09.2 | 23 11.43 -22 01.8 20.1 | -0.90 - 8.4 | 7.2/03.3  | 14583 |
| 2006 JB <sub>29</sub>  | 2008 09 09.2 | 23 11.47 -24 49.7 22.3 | -0.77 - 3.2 | 4.5/02.6  | 26169 |
| 2003 TN <sub>44</sub>  | 2008 09 09.2 | 23 11.52 +14 25.4 20.5 | -0.71 - 5.8 | 5.6/16.5  | 86129 |
| 2003 WD <sub>55</sub>  | 2008 09 09.2 | 23 11.60 -12 56.2 20.6 | -0.78 - 3.0 | 2.3/06.8  | 00668 |
| 2006 BU <sub>50</sub>  | 2008 09 09.2 | 23 11.67 -22 56.1 20.1 | -0.74 - 6.9 | 5.2/02.8  | 41840 |
| 2004 JY <sub>16</sub>  | 2008 09 09.2 | 23 11.67 -10 41.3 19.5 | -0.93 - 7.6 | 2.2/07.5  | 41806 |
| 2000 WG <sub>2</sub>   | 2008 09 09.2 | 23 11.68 -64 04.7 19.5 | -1.31 - 4.7 | 28.9/03.0 | 21301 |
| 2002 JD <sub>76</sub>  | 2008 09 09.2 | 23 11.70 +07 04.1 19.8 | -0.76 - 7.6 | 3.8/13.7  | 97601 |
| 2001 TG <sub>160</sub> | 2008 09 09.2 | 23 11.72 +00 26.8 20.1 | -0.92 - 6.2 | 2.0/11.1  | 94171 |
| 1995 SA <sub>10</sub>  | 2008 09 09.2 | 23 11.72 -10 36.9 19.2 | -1.16 + 3.9 | 2.5/08.1  | 93692 |
| 2002 DA <sub>9</sub>   | 2008 09 09.2 | 23 11.72 -25 28.3 19.4 | -0.99 - 2.9 | 6.9/02.9  | 97577 |
| 2003 FW <sub>116</sub> | 2008 09 09.2 | 23 11.72 -04 48.8 20.1 | -0.97 - 5.0 | 0.1/09.4  | 43170 |
| 2002 AR <sub>62</sub>  | 2008 09 09.2 | 23 11.73 +07 49.1 21.2 | -0.89 - 3.1 | 3.8/13.3  | 48187 |
| 2005 UF <sub>63</sub>  | 2008 09 09.2 | 23 11.74 -09 57.8 20.6 | -0.92 - 5.6 | 1.7/07.8  | 19660 |
| 2003 JQ <sub>11</sub>  | 2008 09 09.3 | 23 11.66 -12 42.9 20.3 | -0.92 - 4.3 | 2.5/07.0  | 20780 |
| 2004 VR <sub>43</sub>  | 2008 09 09.3 | 23 11.75 +00 55.7 19.2 | -0.76 - 6.8 | 2.1/11.4  | 21345 |
| 2005 UU <sub>330</sub> | 2008 09 09.3 | 23 11.75 -06 31.3 20.8 | -0.90 - 6.4 | 0.5/08.9  | 43240 |
| 2003 YR <sub>23</sub>  | 2008 09 09.3 | 23 11.77 +26 19.2 18.6 | -0.86 + 0.3 | 11.5/19.9 | 43196 |
| 2003 UW <sub>307</sub> | 2008 09 09.3 | 23 11.78 -07 03.1 20.8 | -0.75 - 4.6 | 0.5/08.7  | 04272 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TH <sub>100</sub> | 2008 09 09.3 | 23 11.79 -18 17.0 18.7 | -0.85 - 5.1 | 5.9/04.8  | 74386 |
| 2003 SH <sub>107</sub> | 2008 09 09.3 | 23 11.86 +07 56.4 19.9 | -0.71 - 5.6 | 3.7/14.0  | 43178 |
| 2006 DL <sub>101</sub> | 2008 09 09.3 | 23 11.86 -10 54.4 19.3 | -0.85 - 3.3 | 1.9/07.6  | 01400 |
| 2003 SM <sub>186</sub> | 2008 09 09.3 | 23 11.88 -11 13.6 19.5 | -0.97 - 0.1 | 2.0/07.7  | 43180 |
| 2007 FC <sub>31</sub>  | 2008 09 09.3 | 23 11.88 -03 10.9 20.9 | -0.91 - 6.6 | 0.7/10.0  | 43278 |
| 2004 TG <sub>160</sub> | 2008 09 09.3 | 23 11.90 +01 25.4 19.3 | -0.81 - 5.6 | 2.3/11.6  | 43217 |
| 2005 CM <sub>25</sub>  | 2008 09 09.3 | 23 11.91 -10 54.6 18.9 | -1.01 - 0.1 | 2.2/07.8  | 43229 |
| 2003 WA <sub>76</sub>  | 2008 09 09.3 | 23 11.91 +02 22.7 19.2 | -0.80 - 2.6 | 2.4/11.7  | 43193 |
| 2008 QA <sub>16</sub>  | 2008 09 09.3 | 23 11.97 -03 58.1 19.5 | -0.92 - 4.6 | 0.5/09.7  | 43002 |
| 2007 JJ <sub>4</sub>   | 2008 09 09.3 | 23 11.99 +10 33.2 19.7 | -0.79 - 6.8 | 5.1/15.0  | 21880 |
| 2005 XN <sub>12</sub>  | 2008 09 09.3 | 23 11.99 -19 54.2 20.1 | -0.98 - 5.2 | 5.9/04.6  | 98019 |
| 2003 BQ <sub>67</sub>  | 2008 09 09.3 | 23 12.00 +02 47.2 19.0 | -1.03 - 3.2 | 3.5/11.6  | 00413 |
| 2005 DC                | 2008 09 09.3 | 23 12.00 -06 43.1 20.3 | -0.86 - 1.6 | 0.4/08.9  | 41824 |
| 2000 EO <sub>30</sub>  | 2008 09 09.3 | 23 12.00 -15 25.2 19.7 | -1.05 - 3.7 | 4.0/06.4  | 43104 |
| 2004 TZ <sub>295</sub> | 2008 09 09.3 | 23 12.06 +01 16.7 20.2 | -0.81 - 5.9 | 2.3/11.5  | 43219 |
| 2006 BH <sub>129</sub> | 2008 09 09.3 | 23 12.06 -08 52.4 20.1 | -0.78 - 6.2 | 1.2/08.1  | 41240 |
| 2003 UA <sub>251</sub> | 2008 09 09.3 | 23 12.06 +02 12.3 18.6 | -0.76 - 4.1 | 2.6/11.8  | 42675 |
| 2006 DL <sub>137</sub> | 2008 09 09.3 | 23 12.07 -10 18.0 20.9 | -0.80 - 4.9 | 1.7/07.7  | 11162 |
| 2006 BG <sub>136</sub> | 2008 09 09.4 | 23 12.02 +06 53.3 21.2 | -0.93 - 2.2 | 3.7/13.0  | 02278 |
| 2006 BZ <sub>37</sub>  | 2008 09 09.4 | 23 12.04 -05 33.3 20.2 | -0.88 - 3.2 | 0.1/09.3  | 43253 |
| 2007 EG <sub>76</sub>  | 2008 09 09.4 | 23 12.04 -03 38.9 20.6 | -0.94 - 5.1 | 0.6/09.9  | 43276 |
| 2006 BB <sub>268</sub> | 2008 09 09.4 | 23 12.06 -25 20.8 20.7 | -0.71 - 7.8 | 5.1/01.7  | 11157 |
| 1998 VP <sub>17</sub>  | 2008 09 09.4 | 23 12.08 +02 42.2 18.5 | -0.86 - 7.0 | 3.7/12.0  | 43095 |
| 2000 SD <sub>214</sub> | 2008 09 09.4 | 23 12.09 +01 41.3 19.4 | -0.74 -10.5 | 2.7/12.0  | 43110 |
| 2002 RP <sub>255</sub> | 2008 09 09.4 | 23 12.10 +16 06.8 20.0 | -0.74 - 4.0 | 5.8/17.0  | 03398 |
| 2006 HJ <sub>16</sub>  | 2008 09 09.4 | 23 12.10 -03 59.6 21.1 | -0.71 - 6.1 | 0.3/09.8  | 43267 |
| 2001 WQ <sub>44</sub>  | 2008 09 09.4 | 23 12.12 -05 42.3 18.2 | -0.79 - 7.0 | 0.3/09.2  | 43137 |
| 2007 GV <sub>39</sub>  | 2008 09 09.4 | 23 12.13 -01 12.6 19.5 | -0.77 - 6.9 | 1.5/10.8  | 22887 |
| 2004 RZ <sub>109</sub> | 2008 09 09.4 | 23 12.14 -10 19.4 18.6 | -1.63 + 7.2 | 2.4/08.6  | 43208 |
| 2007 EG <sub>18</sub>  | 2008 09 09.4 | 23 12.15 -10 35.6 19.6 | -0.91 - 6.2 | 2.0/07.7  | 22880 |
| 2007 HK <sub>24</sub>  | 2008 09 09.4 | 23 12.19 -10 21.6 21.7 | -0.90 - 5.8 | 1.8/07.8  | 26279 |
| 2006 DR <sub>69</sub>  | 2008 09 09.4 | 23 12.19 -04 32.2 18.9 | -0.67 - 8.4 | 0.2/09.7  | 43261 |
| 2002 CK <sub>183</sub> | 2008 09 09.4 | 23 12.21 -10 24.5 19.8 | -0.49 - 3.7 | 1.0/07.6  | 28746 |
| 2008 QZ <sub>1</sub>   | 2008 09 09.4 | 23 12.21 -00 51.4 18.2 | -0.77 - 6.5 | 2.2/10.9  | 42993 |
| 2003 MX <sub>3</sub>   | 2008 09 09.4 | 23 12.23 -23 37.7 19.8 | -0.81 -11.1 | 5.8/02.3  | 19601 |
| 2006 FP <sub>41</sub>  | 2008 09 09.4 | 23 12.28 -03 09.4 20.6 | -0.71 - 5.8 | 0.6/10.1  | 43266 |
| 2001 BT <sub>31</sub>  | 2008 09 09.4 | 23 12.29 +18 36.7 19.3 | -0.59 - 0.6 | 4.1/17.5  | 43118 |
| 2002 AS <sub>170</sub> | 2008 09 09.4 | 23 12.37 -07 27.7 19.8 | -0.90 - 5.0 | 0.8/08.7  | 41777 |
| 2005 YB <sub>257</sub> | 2008 09 09.4 | 23 12.38 +12 46.4 20.1 | -0.86 - 3.8 | 5.6/15.4  | 96867 |
| 2005 AB <sub>14</sub>  | 2008 09 09.4 | 23 12.40 +13 35.2 21.2 | -0.83 - 1.6 | 4.5/15.2  | 77799 |
| 2005 XQ <sub>31</sub>  | 2008 09 09.4 | 23 12.44 -02 22.4 21.2 | -0.94 - 6.2 | 1.0/10.4  | 03815 |
| 2003 YG <sub>112</sub> | 2008 09 09.4 | 23 12.45 +12 41.4 18.8 | -0.87 - 1.7 | 6.5/14.7  | 62463 |
| 2001 XQ <sub>34</sub>  | 2008 09 09.5 | 23 12.37 +02 35.0 17.7 | -1.05 + 0.8 | 3.7/11.4  | 41775 |
| 2004 TR <sub>323</sub> | 2008 09 09.5 | 23 12.38 -07 56.1 19.9 | -0.82 - 5.1 | 1.0/08.6  | 41820 |
| 2000 SK <sub>58</sub>  | 2008 09 09.5 | 23 12.38 +01 52.2 19.6 | -0.74 -12.1 | 2.7/12.2  | 70262 |
| 2007 LZ <sub>24</sub>  | 2008 09 09.5 | 23 12.40 +03 53.9 19.1 | -0.79 - 5.5 | 3.2/12.5  | 31533 |
| 2005 WH <sub>70</sub>  | 2008 09 09.5 | 23 12.40 -04 00.6 20.4 | -0.91 - 5.8 | 0.4/09.9  | 43243 |
| 2006 AS <sub>86</sub>  | 2008 09 09.5 | 23 12.43 -12 19.5 20.9 | -0.75 - 4.6 | 1.9/07.1  | 96966 |
| 1998 HQ <sub>83</sub>  | 2008 09 09.5 | 23 12.45 -23 30.1 20.5 | -0.91 - 3.5 | 5.2/03.6  | 47730 |
| 2002 PA <sub>181</sub> | 2008 09 09.5 | 23 12.45 -09 08.8 20.4 | -0.75 - 3.7 | 1.1/08.2  | 17447 |
| 2007 BE <sub>42</sub>  | 2008 09 09.5 | 23 12.48 +23 04.0 19.9 | -1.50 + 4.3 | 13.8/15.8 | 42868 |

|                        |              |          |          |      |       |       |          |       |
|------------------------|--------------|----------|----------|------|-------|-------|----------|-------|
| 2002 DL <sub>14</sub>  | 2008 09 09.5 | 23 12.50 | -08 49.0 | 19.4 | -0.87 | - 5.3 | 1.5/08.3 | 41780 |
| 2004 BD <sub>36</sub>  | 2008 09 09.5 | 23 12.51 | -08 49.7 | 20.4 | -0.60 | - 3.6 | 0.8/08.3 | 15783 |
| 2007 HT <sub>41</sub>  | 2008 09 09.5 | 23 12.53 | +06 22.6 | 19.6 | -0.76 | - 6.7 | 4.1/13.6 | 43282 |
| 2006 HA <sub>46</sub>  | 2008 09 09.5 | 23 12.55 | -08 10.2 | 21.4 | -0.73 | - 4.8 | 0.8/08.5 | 03898 |
| 2002 EW <sub>124</sub> | 2008 09 09.5 | 23 12.57 | -07 25.0 | 19.6 | -0.57 | - 1.5 | 0.4/08.8 | 42610 |
| 2007 DT <sub>110</sub> | 2008 09 09.5 | 23 12.60 | -06 59.7 | 20.7 | -0.91 | - 6.4 | 0.7/08.9 | 40456 |
| 2004 TH <sub>194</sub> | 2008 09 09.5 | 23 12.62 | -04 09.9 | 19.3 | -0.81 | - 2.4 | 0.4/09.8 | 42724 |
| 2007 FQ <sub>38</sub>  | 2008 09 09.5 | 23 12.63 | -25 40.6 | 20.1 | -0.95 | - 2.8 | 6.9/03.2 | 20861 |
| 2003 AU <sub>90</sub>  | 2008 09 09.5 | 23 12.63 | -26 38.1 | 20.0 | -0.99 | - 5.8 | 8.9/02.0 | 00410 |
| 2006 DS <sub>12</sub>  | 2008 09 09.5 | 23 12.68 | -11 38.2 | 20.1 | -0.98 | - 1.8 | 2.1/07.7 | 43259 |
| 2006 EC <sub>73</sub>  | 2008 09 09.5 | 23 12.69 | -04 24.6 | 20.9 | -0.73 | - 4.7 | 0.2/09.8 | 41245 |
| 2006 BH <sub>131</sub> | 2008 09 09.5 | 23 12.70 | -03 21.0 | 19.6 | -0.82 | - 2.4 | 0.5/10.1 | 43255 |
| 2006 DT <sub>179</sub> | 2008 09 09.5 | 23 12.71 | -07 46.6 | 19.4 | -0.85 | - 3.9 | 0.9/08.7 | 41846 |
| 2003 EW <sub>10</sub>  | 2008 09 09.5 | 23 12.78 | -00 28.7 | 19.8 | -0.92 | - 6.5 | 1.6/11.1 | 21325 |
| 2007 JF <sub>17</sub>  | 2008 09 09.5 | 23 12.78 | -10 05.2 | 19.1 | -0.77 | - 5.4 | 1.7/07.9 | 43283 |
| 2003 DY <sub>17</sub>  | 2008 09 09.5 | 23 12.78 | -14 50.5 | 21.2 | -0.92 | - 6.2 | 3.3/06.4 | 20775 |
| 2003 FE <sub>20</sub>  | 2008 09 09.5 | 23 12.78 | -19 11.4 | 20.5 | -1.02 | - 2.8 | 4.8/05.5 | 20777 |
| 2005 WF <sub>82</sub>  | 2008 09 09.6 | 23 12.75 | -10 38.7 | 21.2 | -0.95 | - 5.7 | 1.9/07.8 | 20825 |
| 2004 XE <sub>133</sub> | 2008 09 09.6 | 23 12.76 | +05 50.5 | 20.1 | -0.78 | - 3.1 | 3.2/13.1 | 73697 |
| 2007 GQ                | 2008 09 09.6 | 23 12.79 | -16 08.5 | 19.2 | -0.94 | - 1.6 | 4.2/06.5 | 43279 |
| 2002 QR <sub>121</sub> | 2008 09 09.6 | 23 12.79 | -01 29.4 | 19.9 | -0.69 | - 6.1 | 1.2/10.9 | 42621 |
| 2003 FU <sub>84</sub>  | 2008 09 09.6 | 23 12.81 | +00 07.7 | 19.8 | -0.97 | - 3.8 | 1.9/11.2 | 43170 |
| 2005 YO <sub>16</sub>  | 2008 09 09.6 | 23 12.84 | -06 32.6 | 20.8 | -0.74 | - 5.1 | 0.4/09.1 | 42788 |
| 1997 CR <sub>3</sub>   | 2008 09 09.6 | 23 12.85 | -02 10.8 | 21.1 | -0.93 | - 2.3 | 0.9/10.5 | 43093 |
| 2003 FZ <sub>34</sub>  | 2008 09 09.6 | 23 12.86 | -06 29.2 | 20.4 | -0.47 | - 3.1 | 0.2/09.1 | 43169 |
| 2003 SU <sub>320</sub> | 2008 09 09.6 | 23 12.88 | -07 52.0 | 20.8 | -0.84 | - 4.2 | 1.0/08.7 | 08757 |
| 2003 SG <sub>411</sub> | 2008 09 09.6 | 23 12.90 | -04 09.8 | 20.1 | -0.76 | - 5.2 | 0.3/09.9 | 42658 |
| 2000 ST <sub>284</sub> | 2008 09 09.6 | 23 12.91 | +09 34.2 | 18.4 | -0.72 | - 8.3 | 6.4/15.3 | 43111 |
| 2004 QX                | 2008 09 09.6 | 23 12.93 | +09 36.2 | 17.4 | -1.42 | + 9.3 | 7.7/13.0 | 43206 |
| 2004 JQ <sub>44</sub>  | 2008 09 09.6 | 23 13.00 | -20 17.9 | 19.1 | -0.92 | - 5.6 | 6.8/04.7 | 41806 |
| 2004 TL <sub>214</sub> | 2008 09 09.6 | 23 13.04 | +02 44.1 | 20.7 | -0.77 | - 6.7 | 2.3/12.4 | 95555 |
| 2003 UT <sub>102</sub> | 2008 09 09.6 | 23 13.04 | -20 35.7 | 19.3 | -0.85 | - 2.3 | 4.9/04.8 | 43187 |
| 2004 VP <sub>27</sub>  | 2008 09 09.6 | 23 13.05 | -00 30.1 | 18.9 | -1.04 | - 0.2 | 1.7/10.8 | 43222 |
| 2004 TO <sub>328</sub> | 2008 09 09.6 | 23 13.06 | -15 24.4 | 19.1 | -0.85 | - 6.7 | 4.2/06.1 | 43220 |
| 2004 NA <sub>28</sub>  | 2008 09 09.6 | 23 13.11 | -14 38.5 | 19.3 | -0.84 | - 9.3 | 3.7/06.3 | 43202 |
| 2005 UO <sub>459</sub> | 2008 09 09.6 | 23 13.13 | -00 41.9 | 19.3 | -0.88 | - 5.8 | 2.1/11.1 | 97954 |
| 2001 OF <sub>98</sub>  | 2008 09 09.7 | 23 13.09 | -13 08.9 | 18.0 | -1.04 | - 1.0 | 4.0/07.6 | 43121 |
| 1999 RD <sub>203</sub> | 2008 09 09.7 | 23 13.11 | +15 13.9 | 18.9 | -0.80 | - 5.2 | 7.3/16.8 | 43097 |
| 2005 YN <sub>170</sub> | 2008 09 09.7 | 23 13.12 | -01 45.8 | 20.2 | -0.83 | - 6.6 | 1.2/10.8 | 43249 |
| 2007 EF <sub>169</sub> | 2008 09 09.7 | 23 13.17 | -09 47.5 | 21.4 | -0.95 | - 5.2 | 1.7/08.2 | 21200 |
| 2006 DD <sub>38</sub>  | 2008 09 09.7 | 23 13.19 | -07 01.3 | 19.8 | -0.86 | - 3.6 | 0.7/09.1 | 41845 |
| 2003 SF <sub>263</sub> | 2008 09 09.7 | 23 13.19 | -18 35.3 | 19.4 | -0.81 | - 3.2 | 3.9/05.4 | 43182 |
| 2007 JN <sub>8</sub>   | 2008 09 09.7 | 23 13.21 | +03 16.3 | 20.7 | -0.93 | - 7.2 | 3.1/12.5 | 41345 |
| 2001 PQ <sub>20</sub>  | 2008 09 09.7 | 23 13.28 | -18 29.1 | 18.8 | -1.04 | - 2.1 | 6.2/06.0 | 41765 |
| 2001 YN <sub>157</sub> | 2008 09 09.7 | 23 13.29 | -11 04.5 | 20.8 | -0.91 | - 6.4 | 2.3/07.7 | 94464 |
| 2005 UL <sub>422</sub> | 2008 09 09.7 | 23 13.31 | -09 42.0 | 20.7 | -1.01 | - 5.3 | 1.8/08.3 | 26087 |
| 2004 OG <sub>8</sub>   | 2008 09 09.7 | 23 13.36 | +13 30.6 | 18.6 | -1.01 | - 1.5 | 7.9/15.3 | 43203 |
| 2006 DO <sub>14</sub>  | 2008 09 09.7 | 23 13.36 | -14 08.3 | 19.5 | -0.80 | - 5.5 | 3.2/06.7 | 43259 |
| 2007 FN <sub>17</sub>  | 2008 09 09.7 | 23 13.37 | +03 44.9 | 20.5 | -0.87 | - 5.9 | 3.0/13.0 | 19454 |
| 2004 VZ <sub>77</sub>  | 2008 09 09.7 | 23 13.39 | -22 40.5 | 19.7 | -0.95 | - 4.9 | 6.5/03.7 | 77793 |
| 2006 EG <sub>56</sub>  | 2008 09 09.7 | 23 13.41 | -00 27.9 | 20.4 | -0.72 | - 6.3 | 1.3/11.4 | 43265 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 EV <sub>40</sub>  | 2008 09 09.7 | 23 13.45 | -08 16.8 | 21.3 | -0.77 | - 4.4 | 1.0/08.7  | 21630 |
| 2004 SX <sub>32</sub>  | 2008 09 09.7 | 23 13.46 | -02 15.3 | 19.0 | -0.69 | -11.3 | 1.1/10.9  | 43213 |
| 2005 YX <sub>41</sub>  | 2008 09 09.7 | 23 13.48 | +00 33.0 | 19.8 | -1.00 | - 4.2 | 2.4/11.4  | 98039 |
| 2006 AC <sub>7</sub>   | 2008 09 09.7 | 23 13.51 | -25 58.2 | 21.1 | -0.88 | - 4.7 | 6.1/02.6  | 96887 |
| 2005 YG <sub>179</sub> | 2008 09 09.7 | 23 13.53 | -09 34.9 | 20.6 | -0.93 | - 6.0 | 1.9/08.3  | 96824 |
| 2002 VD <sub>43</sub>  | 2008 09 09.8 | 23 13.47 | -01 21.7 | 19.6 | -0.62 | - 6.7 | 1.0/11.1  | 43165 |
| 2005 SG <sub>137</sub> | 2008 09 09.8 | 23 13.48 | -05 00.0 | 20.9 | -0.96 | - 8.0 | 0.0/09.8  | 21833 |
| 2002 CH <sub>109</sub> | 2008 09 09.8 | 23 13.52 | -04 54.3 | 19.3 | -0.51 | - 2.4 | 0.0/09.8  | 43146 |
| 2003 SL <sub>272</sub> | 2008 09 09.8 | 23 13.52 | +02 11.2 | 19.0 | -0.77 | - 4.3 | 2.4/12.2  | 43182 |
| 2002 CS <sub>186</sub> | 2008 09 09.8 | 23 13.54 | -07 49.9 | 21.1 | -0.84 | - 6.2 | 0.9/08.9  | 94627 |
| 2006 GQ <sub>49</sub>  | 2008 09 09.8 | 23 13.54 | -19 22.0 | 20.3 | -0.77 | - 3.3 | 3.6/05.1  | 22815 |
| 2001 BU <sub>56</sub>  | 2008 09 09.8 | 23 13.58 | -03 25.5 | 20.5 | -0.48 | - 2.9 | 0.3/10.4  | 29676 |
| 2000 AH <sub>207</sub> | 2008 09 09.8 | 23 13.62 | +03 14.4 | 19.3 | -1.03 | - 4.2 | 3.3/12.3  | 43103 |
| 2003 KC <sub>30</sub>  | 2008 09 09.8 | 23 13.62 | -11 40.8 | 20.2 | -0.85 | - 6.4 | 2.1/07.6  | 43172 |
| 2001 TN <sub>173</sub> | 2008 09 09.8 | 23 13.64 | -06 51.6 | 19.6 | -0.86 | - 6.4 | 0.9/09.2  | 00071 |
| 2006 EZ <sub>71</sub>  | 2008 09 09.8 | 23 13.67 | -05 19.1 | 20.8 | -0.75 | - 4.4 | 0.1/09.7  | 09539 |
| 2004 TU <sub>80</sub>  | 2008 09 09.8 | 23 13.71 | -01 59.1 | 20.2 | -0.85 | - 5.0 | 1.2/10.8  | 43215 |
| 2004 YW <sub>3</sub>   | 2008 09 09.8 | 23 13.72 | -17 30.2 | 19.7 | -0.72 | - 5.1 | 3.4/05.5  | 43227 |
| 2006 BL <sub>105</sub> | 2008 09 09.8 | 23 13.74 | -03 24.1 | 21.3 | -0.87 | - 3.9 | 0.5/10.4  | 11156 |
| 2003 TX <sub>1</sub>   | 2008 09 09.8 | 23 13.75 | +00 43.5 | 19.9 | -0.68 | - 8.6 | 1.9/12.0  | 00586 |
| 2007 HK <sub>22</sub>  | 2008 09 09.8 | 23 13.75 | -06 59.5 | 19.9 | -0.80 | - 6.2 | 0.8/09.2  | 41872 |
| 2003 SH <sub>331</sub> | 2008 09 09.8 | 23 13.76 | -25 04.3 | 20.8 | -0.83 | - 3.1 | 6.7/03.1  | 10992 |
| 2003 BJ <sub>28</sub>  | 2008 09 09.8 | 23 13.76 | -15 33.5 | 21.5 | -0.93 | - 5.5 | 3.4/06.5  | 35844 |
| 2007 ER <sub>178</sub> | 2008 09 09.8 | 23 13.78 | +02 00.9 | 20.5 | -0.84 | - 7.4 | 2.5/12.3  | 20571 |
| 2002 PK <sub>121</sub> | 2008 09 09.8 | 23 13.81 | -03 45.2 | 18.5 | -0.65 | - 9.6 | 0.3/10.3  | 43158 |
| 2006 DS <sub>207</sub> | 2008 09 09.8 | 23 13.82 | -09 22.1 | 19.7 | -0.95 | - 2.0 | 1.5/08.6  | 01454 |
| 2000 EG <sub>53</sub>  | 2008 09 09.8 | 23 13.83 | -02 49.1 | 20.6 | -0.74 | - 4.5 | 0.6/10.6  | 43104 |
| 2007 JC <sub>23</sub>  | 2008 09 09.8 | 23 13.84 | +04 16.1 | 19.5 | -0.82 | - 5.3 | 3.2/13.0  | 43283 |
| 2004 JD <sub>16</sub>  | 2008 09 09.8 | 23 13.85 | +01 55.1 | 19.7 | -0.90 | - 8.8 | 2.8/12.3  | 11058 |
| 2002 XH <sub>5</sub>   | 2008 09 09.8 | 23 13.86 | -42 46.0 | 20.8 | -1.15 | - 3.8 | 11.0/26.8 | 89380 |
| 2007 JQ <sub>9</sub>   | 2008 09 09.8 | 23 13.89 | -21 50.8 | 19.9 | -0.81 | - 3.4 | 5.0/04.4  | 43283 |
| 1997 SJ <sub>15</sub>  | 2008 09 09.9 | 23 13.81 | +01 42.9 | 20.3 | -0.91 | - 5.9 | 2.5/12.1  | 43093 |
| 2001 UR <sub>164</sub> | 2008 09 09.9 | 23 13.83 | -15 01.1 | 19.7 | -0.92 | - 7.5 | 4.3/06.4  | 94239 |
| 1981 DA <sub>3</sub>   | 2008 09 09.9 | 23 13.86 | +04 59.1 | 20.8 | -0.58 | - 3.3 | 2.0/13.4  | 21290 |
| 2000 ER <sub>84</sub>  | 2008 09 09.9 | 23 13.87 | -07 19.9 | 20.3 | -0.69 | - 4.9 | 0.6/09.1  | 01994 |
| 2004 TQ <sub>169</sub> | 2008 09 09.9 | 23 13.94 | -14 33.9 | 18.9 | -0.87 | - 4.2 | 4.1/06.8  | 42723 |
| 2002 RX <sub>126</sub> | 2008 09 09.9 | 23 13.97 | +17 27.9 | 19.4 | -0.78 | - 3.3 | 6.2/17.8  | 43162 |
| 2006 AC <sub>9</sub>   | 2008 09 09.9 | 23 13.98 | -27 46.6 | 20.1 | -0.92 | - 3.9 | 7.0/02.2  | 96891 |
| 2006 EP <sub>17</sub>  | 2008 09 09.9 | 23 13.99 | -01 43.8 | 20.4 | -0.67 | - 6.8 | 0.9/11.1  | 42807 |
| 2005 LZ <sub>18</sub>  | 2008 09 09.9 | 23 14.01 | +11 10.9 | 20.3 | -0.48 | - 4.2 | 3.0/16.0  | 41825 |
| 2002 FW <sub>9</sub>   | 2008 09 09.9 | 23 14.02 | -08 17.7 | 20.4 | -0.84 | - 4.6 | 1.0/08.9  | 41781 |
| 2000 WL <sub>32</sub>  | 2008 09 09.9 | 23 14.04 | -19 08.7 | 19.5 | -0.90 | - 7.4 | 5.8/04.8  | 43114 |
| 2002 PN <sub>180</sub> | 2008 09 09.9 | 23 14.08 | +11 06.6 | 20.3 | -0.89 | - 0.5 | 5.1/14.7  | 12810 |
| 2001 UF <sub>82</sub>  | 2008 09 09.9 | 23 14.09 | -00 27.4 | 18.7 | -0.77 | - 8.3 | 2.1/11.6  | 43134 |
| 2007 EO <sub>39</sub>  | 2008 09 09.9 | 23 14.09 | -20 40.9 | 20.1 | -1.09 | - 0.4 | 5.9/05.8  | 19388 |
| 2001 QE <sub>287</sub> | 2008 09 09.9 | 23 14.10 | +01 18.8 | 18.5 | -0.95 | - 3.7 | 2.9/11.8  | 43124 |
| 2003 SQ <sub>259</sub> | 2008 09 09.9 | 23 14.11 | -08 11.1 | 19.4 | -0.78 | - 5.5 | 1.1/08.9  | 43182 |
| 2000 UU <sub>112</sub> | 2008 09 09.9 | 23 14.13 | -01 31.4 | 19.4 | -0.82 | - 6.5 | 1.3/11.1  | 43113 |
| 2002 EY <sub>127</sub> | 2008 09 09.9 | 23 14.16 | -08 57.0 | 19.9 | -0.81 | - 6.4 | 1.4/08.6  | 41781 |
| 2006 DD <sub>10</sub>  | 2008 09 09.9 | 23 14.16 | -13 38.1 | 19.5 | -0.76 | - 6.0 | 2.7/07.0  | 43259 |
| 2003 SW <sub>164</sub> | 2008 09 09.9 | 23 14.18 | -00 47.2 | 19.6 | -0.68 | - 7.9 | 1.3/11.5  | 43179 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2002 CG <sub>38</sub>  | 2008 09 09.9 | 23 14.21 | -04 42.0 | 20.4 | -0.89 | - 4.6 | 0.1/10.1  | 17993 |
| 1999 UY <sub>24</sub>  | 2008 09 09.9 | 23 14.22 | -17 54.7 | 19.2 | -1.04 | - 0.1 | 5.0/06.4  | 43100 |
| 2006 DQ <sub>37</sub>  | 2008 09 09.9 | 23 14.22 | -05 08.4 | 19.8 | -0.68 | - 6.3 | 0.1/09.9  | 43260 |
| 2008 QV <sub>9</sub>   | 2008 09 09.9 | 23 14.23 | -05 19.7 | 19.4 | -0.85 | - 4.4 | 0.2/09.9  | 42999 |
| 2001 TX <sub>189</sub> | 2008 09 09.9 | 23 14.24 | +03 32.7 | 18.6 | -0.78 | - 3.2 | 4.4/12.7  | 43132 |
| 2006 BQ <sub>58</sub>  | 2008 09 09.9 | 23 14.25 | +00 34.9 | 20.4 | -0.83 | - 4.6 | 1.7/11.8  | 43253 |
| 2003 GZ <sub>4</sub>   | 2008 09 10.0 | 23 14.17 | -09 16.1 | 20.3 | -0.94 | - 5.3 | 1.5/08.6  | 43171 |
| 2006 CD <sub>53</sub>  | 2008 09 10.0 | 23 14.22 | -13 53.4 | 20.9 | -0.71 | - 7.1 | 2.5/06.8  | 21176 |
| 1995 VN <sub>15</sub>  | 2008 09 10.0 | 23 14.22 | -00 59.3 | 20.4 | -0.81 | - 5.4 | 1.4/11.3  | 43092 |
| 2002 EK <sub>56</sub>  | 2008 09 10.0 | 23 14.24 | -01 36.5 | 20.7 | -0.83 | - 6.4 | 1.1/11.1  | 43150 |
| 1996 RT <sub>6</sub>   | 2008 09 10.0 | 23 14.28 | -05 32.4 | 19.5 | -0.95 | - 3.5 | 0.2/09.8  | 43092 |
| 2002 OQ <sub>22</sub>  | 2008 09 10.0 | 23 14.28 | +22 59.4 | 18.3 | -0.73 | - 5.0 | 9.0/21.0  | 43157 |
| 2005 UH <sub>508</sub> | 2008 09 10.0 | 23 14.28 | -20 18.5 | 19.9 | -0.97 | - 5.0 | 6.4/05.1  | 18151 |
| 2006 DP <sub>19</sub>  | 2008 09 10.0 | 23 14.28 | -04 21.2 | 20.5 | -0.83 | - 2.7 | 0.2/10.2  | 43259 |
| 2005 XF <sub>52</sub>  | 2008 09 10.0 | 23 14.29 | -26 24.8 | 21.4 | -0.90 | - 4.4 | 6.2/02.8  | 96627 |
| 2007 EL <sub>169</sub> | 2008 09 10.0 | 23 14.31 | -06 44.6 | 21.0 | -0.95 | - 6.8 | 0.7/09.4  | 43277 |
| 2006 BZ <sub>231</sub> | 2008 09 10.0 | 23 14.32 | -13 11.3 | 19.7 | -0.81 | - 5.1 | 2.7/07.3  | 21356 |
| 2002 CP <sub>212</sub> | 2008 09 10.0 | 23 14.38 | -00 55.5 | 19.8 | -0.91 | - 3.2 | 1.6/11.2  | 43148 |
| 2002 NK <sub>17</sub>  | 2008 09 10.0 | 23 14.41 | +37 45.7 | 18.3 | -0.72 | - 3.0 | 15.4/01.2 | 43156 |
| 2006 BD <sub>42</sub>  | 2008 09 10.0 | 23 14.41 | +09 12.3 | 20.7 | -0.91 | - 2.4 | 4.7/14.4  | 03841 |
| 2000 GS <sub>17</sub>  | 2008 09 10.0 | 23 14.43 | -08 56.7 | 19.7 | -0.96 | - 5.3 | 1.7/08.8  | 41755 |
| 2007 HW <sub>56</sub>  | 2008 09 10.0 | 23 14.46 | -02 49.3 | 20.8 | -0.89 | - 7.3 | 0.7/10.8  | 43282 |
| 2003 WN <sub>44</sub>  | 2008 09 10.0 | 23 14.49 | +07 19.6 | 20.1 | -0.80 | - 2.7 | 3.7/13.9  | 43193 |
| 2000 SX <sub>240</sub> | 2008 09 10.0 | 23 14.52 | -03 21.7 | 18.0 | -1.67 | +10.2 | 0.9/10.3  | 42581 |
| 2007 DL <sub>97</sub>  | 2008 09 10.0 | 23 14.56 | -05 07.9 | 19.4 | -0.93 | - 3.9 | 0.1/10.0  | 43274 |
| 2006 BT <sub>111</sub> | 2008 09 10.0 | 23 14.56 | -06 42.5 | 21.8 | -0.86 | - 5.3 | 0.6/09.5  | 97064 |
| 2006 DW <sub>134</sub> | 2008 09 10.0 | 23 14.57 | -04 53.0 | 19.7 | -0.86 | - 3.5 | 0.0/10.1  | 43262 |
| 2004 FU <sub>125</sub> | 2008 09 10.0 | 23 14.57 | -02 39.5 | 19.4 | -0.91 | - 9.3 | 0.9/10.9  | 43200 |
| 2005 YS <sub>118</sub> | 2008 09 10.0 | 23 14.61 | -04 25.8 | 20.3 | -0.97 | - 4.7 | 0.2/10.2  | 43248 |
| 2007 GB <sub>48</sub>  | 2008 09 10.1 | 23 14.53 | -08 19.7 | 19.4 | -0.73 | - 5.1 | 1.2/08.9  | 43280 |
| 2001 DT <sub>99</sub>  | 2008 09 10.1 | 23 14.53 | +06 14.8 | 20.3 | -0.79 | - 4.8 | 3.1/13.8  | 02030 |
| 2004 VA <sub>5</sub>   | 2008 09 10.1 | 23 14.53 | +15 36.9 | 18.4 | -0.80 | - 6.1 | 7.6/17.4  | 43221 |
| 2003 FH <sub>2</sub>   | 2008 09 10.1 | 23 14.55 | -05 05.2 | 20.2 | -0.97 | - 6.2 | 0.1/10.0  | 43169 |
| 1999 CC <sub>97</sub>  | 2008 09 10.1 | 23 14.60 | -11 35.8 | 19.7 | -0.73 | - 7.5 | 1.9/07.7  | 01974 |
| 2004 XB <sub>5</sub>   | 2008 09 10.1 | 23 14.60 | +15 05.9 | 19.4 | -0.80 | - 4.3 | 6.1/17.0  | 43224 |
| 2002 BH <sub>21</sub>  | 2008 09 10.1 | 23 14.66 | -48 24.2 | 20.2 | -1.69 | + 2.3 | 19.1/27.0 | 12797 |
| 2007 GB <sub>37</sub>  | 2008 09 10.1 | 23 14.67 | -19 55.6 | 19.2 | -0.85 | - 2.4 | 5.2/05.5  | 41871 |
| 2004 TK <sub>346</sub> | 2008 09 10.1 | 23 14.68 | -02 29.3 | 19.7 | -0.86 | - 4.8 | 1.0/10.9  | 95581 |
| 2002 BX <sub>3</sub>   | 2008 09 10.1 | 23 14.69 | -11 57.8 | 19.7 | -0.91 | - 3.4 | 2.2/08.0  | 43145 |
| 2000 BP <sub>1</sub>   | 2008 09 10.1 | 23 14.69 | -06 07.6 | 19.9 | -0.74 | - 4.6 | 0.4/09.7  | 43103 |
| 2005 WL <sub>104</sub> | 2008 09 10.1 | 23 14.75 | -10 13.4 | 20.1 | -0.93 | - 7.0 | 2.0/08.4  | 20826 |
| 2007 GW <sub>14</sub>  | 2008 09 10.1 | 23 14.75 | +07 52.2 | 19.4 | -0.78 | - 8.4 | 4.5/14.9  | 43279 |
| 2000 TO <sub>23</sub>  | 2008 09 10.1 | 23 14.75 | -19 57.5 | 19.4 | -1.09 | + 1.1 | 6.4/06.4  | 43112 |
| 2004 NP <sub>30</sub>  | 2008 09 10.1 | 23 14.76 | -09 23.6 | 18.5 | -0.84 | - 6.6 | 2.0/08.6  | 43202 |
| 2004 UL <sub>7</sub>   | 2008 09 10.1 | 23 14.77 | -25 59.9 | 18.7 | -1.12 | + 2.4 | 8.9/04.8  | 43221 |
| 2002 CF <sub>186</sub> | 2008 09 10.1 | 23 14.79 | -10 21.2 | 20.4 | -0.84 | - 5.5 | 1.7/08.4  | 21312 |
| 2004 VQ <sub>66</sub>  | 2008 09 10.1 | 23 14.79 | +02 00.0 | 19.6 | -0.80 | - 5.9 | 2.5/12.5  | 43223 |
| 2003 US <sub>277</sub> | 2008 09 10.1 | 23 14.81 | -23 31.6 | 20.6 | -0.90 | - 2.1 | 5.4/04.2  | 97690 |
| 2005 WH <sub>91</sub>  | 2008 09 10.1 | 23 14.81 | -10 42.2 | 19.8 | -1.00 | - 5.3 | 2.4/08.3  | 43244 |
| 2000 HJ <sub>18</sub>  | 2008 09 10.1 | 23 14.82 | +06 19.0 | 20.5 | -0.80 | - 8.5 | 4.8/14.3  | 25780 |
| 2005 UG <sub>512</sub> | 2008 09 10.1 | 23 14.82 | -13 04.3 | 18.6 | -0.70 | - 4.2 | 4.6/07.4  | 43241 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 SX <sub>164</sub> | 2008 09 10.1 | 23 14.84 | -09 38.0 | 19.5 | -0.75 | - 4.9 | 1.6/08.6  | 43179 |
| 2007 GQ <sub>22</sub>  | 2008 09 10.1 | 23 14.85 | -08 45.0 | 19.9 | -0.83 | - 4.9 | 1.5/08.9  | 20601 |
| 2003 UT <sub>183</sub> | 2008 09 10.1 | 23 14.86 | -06 44.2 | 19.0 | -0.75 | - 4.4 | 0.7/09.6  | 43190 |
| 2005 YP <sub>59</sub>  | 2008 09 10.1 | 23 14.86 | +09 43.9 | 19.9 | -0.87 | - 3.1 | 4.4/14.8  | 02264 |
| 2005 YV <sub>106</sub> | 2008 09 10.1 | 23 14.86 | -09 50.0 | 21.2 | -0.83 | - 5.5 | 1.5/08.5  | 96764 |
| 2007 GA <sub>47</sub>  | 2008 09 10.1 | 23 14.88 | +14 50.4 | 19.7 | -0.78 | - 8.7 | 6.1/17.8  | 43280 |
| 2006 BD <sub>69</sub>  | 2008 09 10.1 | 23 14.89 | -17 09.2 | 20.1 | -0.82 | - 5.9 | 4.0/06.0  | 43253 |
| 2007 EL <sub>102</sub> | 2008 09 10.1 | 23 14.89 | -10 36.0 | 20.9 | -0.85 | - 5.4 | 1.9/08.3  | 20855 |
| 2004 XG <sub>49</sub>  | 2008 09 10.1 | 23 14.91 | -06 55.6 | 18.6 | -0.83 | - 6.8 | 0.8/09.5  | 43225 |
| 2003 TS <sub>11</sub>  | 2008 09 10.1 | 23 14.94 | +22 34.4 | 19.0 | -0.87 | -19.6 | 11.7/22.8 | 43184 |
| 2006 DT <sub>102</sub> | 2008 09 10.2 | 23 14.89 | -07 20.4 | 19.4 | -0.77 | - 5.7 | 0.8/09.4  | 43262 |
| 2002 GS <sub>78</sub>  | 2008 09 10.2 | 23 14.90 | -12 16.6 | 20.6 | -0.75 | - 8.2 | 2.2/07.5  | 43153 |
| 2003 SD <sub>286</sub> | 2008 09 10.2 | 23 14.94 | +05 28.5 | 19.9 | -0.70 | - 6.4 | 3.1/13.9  | 57976 |
| 2003 SJ <sub>222</sub> | 2008 09 10.2 | 23 14.97 | -05 46.1 | 20.1 | -0.78 | - 5.4 | 0.3/09.9  | 43181 |
| 2007 EQ <sub>184</sub> | 2008 09 10.2 | 23 14.98 | -46 55.8 | 20.3 | -1.73 | + 3.2 | 17.9/28.4 | 19443 |
| 2003 DA <sub>19</sub>  | 2008 09 10.2 | 23 15.00 | -07 09.8 | 20.3 | -0.98 | - 4.7 | 0.8/09.5  | 20775 |
| 1995 QE <sub>9</sub>   | 2008 09 10.2 | 23 15.00 | +05 34.0 | 20.2 | -0.47 | - 3.0 | 1.8/14.0  | 84431 |
| 2003 UW <sub>185</sub> | 2008 09 10.2 | 23 15.03 | -14 48.7 | 20.4 | -0.82 | - 2.5 | 3.1/07.2  | 86143 |
| 2008 QN <sub>16</sub>  | 2008 09 10.2 | 23 15.06 | -10 44.3 | 19.6 | -0.93 | - 0.4 | 2.0/08.6  | 43002 |
| 2001 FL <sub>179</sub> | 2008 09 10.2 | 23 15.07 | -20 28.2 | 19.6 | -0.77 | - 5.5 | 4.5/04.8  | 41764 |
| 1997 EW <sub>30</sub>  | 2008 09 10.2 | 23 15.09 | -05 09.8 | 20.3 | -0.85 | - 3.9 | 0.1/10.1  | 43093 |
| 2005 VV <sub>113</sub> | 2008 09 10.2 | 23 15.09 | -04 20.9 | 21.1 | -0.93 | - 5.0 | 0.2/10.4  | 43242 |
| 2000 ED <sub>52</sub>  | 2008 09 10.2 | 23 15.15 | -04 10.4 | 20.2 | -0.97 | - 5.5 | 0.3/10.5  | 43104 |
| 2003 SM <sub>102</sub> | 2008 09 10.2 | 23 15.16 | +07 36.3 | 18.5 | -0.73 | - 6.0 | 4.0/14.6  | 43178 |
| 2002 JJ <sub>58</sub>  | 2008 09 10.2 | 23 15.17 | -46 17.1 | 19.7 | -1.59 | + 3.1 | 18.0/29.6 | 14662 |
| 2006 DC <sub>114</sub> | 2008 09 10.2 | 23 15.17 | -07 32.9 | 20.3 | -0.75 | - 6.9 | 0.8/09.3  | 01407 |
| 2000 SG <sub>300</sub> | 2008 09 10.2 | 23 15.19 | +00 31.5 | 19.0 | -0.87 | - 4.7 | 2.1/12.0  | 43111 |
| 2006 DS <sub>172</sub> | 2008 09 10.2 | 23 15.21 | -10 18.6 | 21.1 | -0.84 | - 2.5 | 1.7/08.6  | 26139 |
| 2007 GF <sub>63</sub>  | 2008 09 10.2 | 23 15.21 | -08 06.2 | 21.6 | -0.94 | - 5.1 | 1.1/09.2  | 42882 |
| 2004 XR <sub>9</sub>   | 2008 09 10.2 | 23 15.23 | +17 48.3 | 18.6 | -0.79 | - 4.0 | 9.3/18.2  | 42730 |
| 2003 SE <sub>153</sub> | 2008 09 10.2 | 23 15.23 | -23 44.9 | 18.7 | -1.06 | + 3.5 | 8.2/05.7  | 43179 |
| 2006 JB <sub>64</sub>  | 2008 09 10.2 | 23 15.25 | -06 59.1 | 20.7 | -0.86 | - 1.9 | 0.7/09.6  | 41848 |
| 2005 UN <sub>107</sub> | 2008 09 10.3 | 23 15.25 | -07 25.1 | 20.0 | -0.95 | - 7.2 | 1.2/09.4  | 97896 |
| 2001 RV <sub>155</sub> | 2008 09 10.3 | 23 15.26 | -03 05.1 | 20.3 | -0.95 | - 5.6 | 0.7/10.8  | 43126 |
| 1999 UL <sub>21</sub>  | 2008 09 10.3 | 23 15.26 | +13 06.5 | 20.3 | -0.73 | - 7.8 | 5.3/17.0  | 01984 |
| 1998 DD <sub>27</sub>  | 2008 09 10.3 | 23 15.27 | -05 40.4 | 20.9 | -0.95 | - 2.9 | 0.3/10.1  | 43094 |
| 2001 UD <sub>131</sub> | 2008 09 10.3 | 23 15.27 | -13 31.0 | 20.0 | -0.95 | - 4.8 | 3.0/07.6  | 02048 |
| 2005 UC <sub>110</sub> | 2008 09 10.3 | 23 15.28 | +01 25.2 | 20.4 | -0.96 | - 5.3 | 2.5/12.2  | 43237 |
| 2000 QT <sub>137</sub> | 2008 09 10.3 | 23 15.29 | -10 51.0 | 17.9 | -1.08 | + 6.5 | 3.3/09.2  | 43107 |
| 2006 HB <sub>21</sub>  | 2008 09 10.3 | 23 15.31 | -12 41.8 | 20.6 | -0.72 | - 4.4 | 2.1/07.7  | 11168 |
| 2002 JW <sub>122</sub> | 2008 09 10.3 | 23 15.34 | -12 39.4 | 19.4 | -0.75 | - 7.7 | 2.5/07.5  | 43155 |
| 2005 YN <sub>264</sub> | 2008 09 10.3 | 23 15.35 | +00 15.5 | 20.7 | -0.84 | - 3.7 | 1.5/11.9  | 02267 |
| 2004 TO <sub>30</sub>  | 2008 09 10.3 | 23 15.36 | -05 33.5 | 19.4 | -0.80 | - 7.8 | 0.3/10.1  | 43214 |
| 2003 FS <sub>48</sub>  | 2008 09 10.3 | 23 15.37 | -04 01.3 | 21.8 | -0.92 | - 6.1 | 0.2/10.6  | 94950 |
| 2004 BL <sub>2</sub>   | 2008 09 10.3 | 23 15.39 | -08 29.4 | 20.6 | -0.58 | - 4.0 | 0.8/09.0  | 41804 |
| 2005 UJ <sub>355</sub> | 2008 09 10.3 | 23 15.43 | +00 19.5 | 19.2 | -0.96 | - 4.7 | 2.3/11.9  | 43240 |
| 2000 XR <sub>20</sub>  | 2008 09 10.3 | 23 15.47 | +09 46.8 | 19.0 | -0.94 | - 2.0 | 5.4/14.7  | 43116 |
| 2003 WM <sub>70</sub>  | 2008 09 10.3 | 23 15.47 | -07 50.3 | 19.9 | -0.74 | - 5.0 | 0.9/09.3  | 41803 |
| 2005 YT <sub>245</sub> | 2008 09 10.3 | 23 15.48 | +00 32.7 | 21.2 | -0.83 | - 5.8 | 1.7/12.1  | 96865 |
| 2006 BK <sub>158</sub> | 2008 09 10.3 | 23 15.49 | -05 44.5 | 20.6 | -0.72 | - 4.9 | 0.3/10.0  | 43255 |
| 2004 QH <sub>16</sub>  | 2008 09 10.3 | 23 15.49 | -10 29.0 | 19.4 | -0.96 | - 4.3 | 2.1/08.6  | 43206 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 SP <sub>159</sub> | 2008 09 10.3 | 23 15.51 -01 19.8 19.5 | -0.94 - 5.2 | 1.4/11.4  | 43128 |
| 2007 EN <sub>218</sub> | 2008 09 10.3 | 23 15.52 -05 12.2 20.2 | -0.95 - 3.2 | 0.2/10.2  | 42879 |
| 2002 EK <sub>67</sub>  | 2008 09 10.3 | 23 15.54 -01 58.1 19.5 | -0.84 - 4.4 | 0.9/11.3  | 43150 |
| 2003 GN <sub>49</sub>  | 2008 09 10.3 | 23 15.55 -10 05.4 19.8 | -0.89 - 6.9 | 1.8/08.6  | 41789 |
| 2002 CB <sub>205</sub> | 2008 09 10.3 | 23 15.57 -02 46.7 20.1 | -0.51 - 2.3 | 0.4/11.1  | 43148 |
| 2002 CO <sub>162</sub> | 2008 09 10.3 | 23 15.58 -30 44.5 20.4 | -0.85 -12.3 | 8.2/30.4  | 94619 |
| 2000 UH <sub>68</sub>  | 2008 09 10.3 | 23 15.60 +18 42.7 18.7 | -0.85 - 3.7 | 10.0/18.2 | 43112 |
| 2001 NV <sub>5</sub>   | 2008 09 10.3 | 23 15.61 -05 07.2 20.2 | -1.04 - 4.4 | 0.1/10.3  | 43120 |
| 2002 CF <sub>294</sub> | 2008 09 10.3 | 23 15.64 -29 02.9 19.9 | -0.89 - 5.9 | 8.1/01.6  | 43148 |
| 2003 FO                | 2008 09 10.4 | 23 15.60 -17 05.2 21.4 | -0.84 -12.2 | 3.6/05.8  | 18046 |
| 2003 GM <sub>3</sub>   | 2008 09 10.4 | 23 15.62 -03 30.7 20.3 | -0.91 - 6.3 | 0.4/10.8  | 43171 |
| 2006 BJ <sub>156</sub> | 2008 09 10.4 | 23 15.62 -08 48.7 19.5 | -0.83 - 6.0 | 1.6/09.0  | 01269 |
| 2000 TF <sub>1</sub>   | 2008 09 10.4 | 23 15.64 -51 20.1 20.3 | -1.84 + 5.5 | 16.7/26.2 | 68765 |
| 1998 XO <sub>23</sub>  | 2008 09 10.4 | 23 15.68 +11 34.8 19.5 | -0.74 - 5.0 | 5.1/16.1  | 43096 |
| 2002 GE <sub>44</sub>  | 2008 09 10.4 | 23 15.74 -01 54.8 20.0 | -0.84 - 6.1 | 0.9/11.4  | 43152 |
| 2006 ED <sub>4</sub>   | 2008 09 10.4 | 23 15.75 -08 24.9 20.2 | -0.89 - 3.1 | 1.4/09.3  | 01463 |
| 2005 YU <sub>13</sub>  | 2008 09 10.4 | 23 15.77 -08 12.8 20.6 | -0.91 - 6.4 | 1.4/09.3  | 96671 |
| 2005 BS <sub>29</sub>  | 2008 09 10.4 | 23 15.77 -23 04.4 20.3 | -0.82 - 3.0 | 5.1/04.4  | 02241 |
| 2002 JQ <sub>99</sub>  | 2008 09 10.4 | 23 15.80 -20 57.7 21.6 | -0.80 - 6.6 | 4.5/04.7  | 94780 |
| 2001 XV <sub>46</sub>  | 2008 09 10.4 | 23 15.81 -08 25.9 18.8 | -0.97 - 2.8 | 1.3/09.4  | 43138 |
| 1995 GU <sub>6</sub>   | 2008 09 10.4 | 23 15.82 -06 53.9 20.8 | -0.70 - 5.8 | 0.6/09.7  | 41748 |
| 2005 YA <sub>85</sub>  | 2008 09 10.4 | 23 15.85 +09 35.8 19.4 | -0.88 - 4.3 | 6.7/15.2  | 43247 |
| 2003 UF <sub>183</sub> | 2008 09 10.4 | 23 15.86 +00 23.1 19.7 | -0.73 - 4.9 | 1.5/12.2  | 43189 |
| 2003 GD <sub>8</sub>   | 2008 09 10.4 | 23 15.90 -15 17.0 20.1 | -0.54 - 1.8 | 1.8/06.9  | 43171 |
| 1999 UV <sub>58</sub>  | 2008 09 10.4 | 23 15.92 +01 37.7 20.3 | -0.75 - 7.6 | 1.9/12.7  | 43100 |
| 2003 RD <sub>7</sub>   | 2008 09 10.4 | 23 15.93 +03 37.5 18.6 | -0.86 - 2.3 | 2.8/13.0  | 00499 |
| 2005 YA <sub>67</sub>  | 2008 09 10.4 | 23 15.93 +00 40.6 19.1 | -0.97 - 2.5 | 2.4/12.0  | 43247 |
| 2005 XX <sub>45</sub>  | 2008 09 10.4 | 23 15.95 -00 19.1 19.7 | -0.92 - 4.8 | 1.6/11.9  | 43245 |
| 2006 FT <sub>25</sub>  | 2008 09 10.4 | 23 15.96 -07 19.6 21.2 | -0.72 - 4.3 | 0.7/09.6  | 41847 |
| 2002 EJ <sub>103</sub> | 2008 09 10.4 | 23 15.97 -11 18.3 19.0 | -0.92 - 2.3 | 2.5/08.6  | 43150 |
| 2003 UP <sub>131</sub> | 2008 09 10.4 | 23 15.98 -07 18.4 18.9 | -0.88 - 0.8 | 0.9/09.8  | 43188 |
| 2004 RA <sub>55</sub>  | 2008 09 10.4 | 23 16.00 -09 49.7 19.2 | -0.99 - 1.8 | 2.1/09.1  | 43207 |
| 2004 WS <sub>5</sub>   | 2008 09 10.4 | 23 16.01 -01 01.7 20.7 | -0.78 - 5.9 | 1.2/11.7  | 43224 |
| 2005 WR <sub>56</sub>  | 2008 09 10.4 | 23 16.01 -17 14.6 17.9 | -0.70 - 5.5 | 6.8/05.9  | 43243 |
| 2001 SN <sub>124</sub> | 2008 09 10.4 | 23 16.03 +00 17.0 18.6 | -0.81 - 6.6 | 2.4/12.2  | 42591 |
| 2002 CW <sub>210</sub> | 2008 09 10.5 | 23 15.97 -07 50.0 19.4 | -0.52 - 2.2 | 0.6/09.4  | 22697 |
| 2003 AK <sub>16</sub>  | 2008 09 10.5 | 23 16.02 +09 47.5 20.4 | -0.58 - 3.7 | 3.0/15.7  | 85828 |
| 2006 BX <sub>189</sub> | 2008 09 10.5 | 23 16.05 -09 52.1 20.5 | -0.80 - 4.9 | 1.6/08.8  | 11156 |
| 2006 BM <sub>220</sub> | 2008 09 10.5 | 23 16.05 -11 23.9 20.8 | -0.82 - 6.0 | 2.3/08.3  | 21624 |
| 2001 RO <sub>100</sub> | 2008 09 10.5 | 23 16.06 -09 40.5 18.1 | -1.06 + 0.6 | 2.6/09.3  | 43125 |
| 2007 FS <sub>37</sub>  | 2008 09 10.5 | 23 16.07 -03 51.7 20.2 | -0.83 - 6.4 | 0.3/10.8  | 43278 |
| 2002 CJ <sub>76</sub>  | 2008 09 10.5 | 23 16.08 -09 11.7 21.2 | -0.81 - 5.7 | 1.3/09.0  | 21312 |
| 2005 XS <sub>68</sub>  | 2008 09 10.5 | 23 16.10 -06 00.1 19.2 | -0.92 - 4.8 | 0.6/10.1  | 43246 |
| 2004 XL <sub>20</sub>  | 2008 09 10.5 | 23 16.12 -21 33.1 20.1 | -0.78 - 4.4 | 4.7/04.8  | 00867 |
| 2000 UQ <sub>102</sub> | 2008 09 10.5 | 23 16.15 +15 58.0 19.9 | -0.87 - 4.6 | 6.7/17.4  | 97412 |
| 2005 WJ <sub>12</sub>  | 2008 09 10.5 | 23 16.17 -17 56.4 20.0 | -0.97 - 4.3 | 5.5/06.5  | 43243 |
| 2005 YQ <sub>58</sub>  | 2008 09 10.5 | 23 16.18 -10 58.2 20.5 | -0.84 - 5.1 | 2.2/08.5  | 20830 |
| 2001 YP <sub>109</sub> | 2008 09 10.5 | 23 16.20 -44 45.4 20.3 | -1.21 - 9.4 | 16.7/24.0 | 20756 |
| 2001 DY <sub>80</sub>  | 2008 09 10.5 | 23 16.23 -18 22.9 19.1 | -0.86 - 2.6 | 4.2/06.3  | 20741 |
| 2006 BZ <sub>131</sub> | 2008 09 10.5 | 23 16.23 -05 52.8 20.8 | -0.74 - 4.5 | 0.3/10.2  | 43255 |
| 2004 GQ <sub>12</sub>  | 2008 09 10.5 | 23 16.29 -19 23.8 19.6 | -1.02 - 4.2 | 6.2/06.1  | 18069 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 BS <sub>196</sub> | 2008 09 10.5 | 23 16.29 -04 56.0 21.2 | -0.85 - 7.1 | 0.1/10.5  | 02281 |
| 2006 DX <sub>144</sub> | 2008 09 10.5 | 23 16.30 -06 50.2 20.3 | -0.89 - 4.6 | 0.8/09.9  | 11162 |
| 2005 US <sub>18</sub>  | 2008 09 10.5 | 23 16.32 -11 37.7 19.9 | -0.98 - 6.1 | 2.7/08.4  | 20819 |
| 2006 DB <sub>31</sub>  | 2008 09 10.5 | 23 16.33 -04 39.6 21.2 | -0.81 - 4.6 | 0.0/10.6  | 43259 |
| 2003 AZ <sub>22</sub>  | 2008 09 10.5 | 23 16.33 +20 08.7 19.8 | -1.10 - 1.8 | 7.7/18.2  | 22727 |
| 2004 RD <sub>233</sub> | 2008 09 10.5 | 23 16.34 -01 43.3 19.6 | -0.75 - 8.4 | 1.2/11.7  | 42713 |
| 2004 HQ <sub>11</sub>  | 2008 09 10.5 | 23 16.35 +03 36.1 19.3 | -0.46 - 4.1 | 1.5/13.7  | 43200 |
| 2007 DM <sub>105</sub> | 2008 09 10.5 | 23 16.35 -02 36.5 20.7 | -0.94 - 6.9 | 0.8/11.3  | 43274 |
| 2003 HG <sub>50</sub>  | 2008 09 10.5 | 23 16.36 +03 22.2 18.9 | -0.67 -13.1 | 3.1/13.9  | 43172 |
| 2003 UM <sub>65</sub>  | 2008 09 10.5 | 23 16.36 -20 39.1 19.4 | -0.79 - 5.2 | 6.1/04.9  | 97685 |
| 2002 JY <sub>9</sub>   | 2008 09 10.5 | 23 16.44 -48 32.2 19.9 | -1.30 - 4.7 | 17.9/24.0 | 31810 |
| 2002 YW <sub>24</sub>  | 2008 09 10.6 | 23 16.32 +00 22.4 19.0 | -1.01 - 5.2 | 2.1/12.1  | 43166 |
| 2005 WU <sub>207</sub> | 2008 09 10.6 | 23 16.33 -11 41.8 19.6 | -0.77 - 6.9 | 2.3/08.2  | 21351 |
| 1995 ST <sub>31</sub>  | 2008 09 10.6 | 23 16.33 -06 30.7 19.4 | -0.72 -12.7 | 0.7/09.9  | 43092 |
| 2004 XX <sub>3</sub>   | 2008 09 10.6 | 23 16.34 -14 11.6 19.2 | -0.83 - 4.8 | 3.3/07.5  | 43224 |
| 2005 YC <sub>192</sub> | 2008 09 10.6 | 23 16.35 -00 30.7 19.8 | -0.88 - 3.4 | 1.5/11.9  | 42790 |
| 2001 VO <sub>19</sub>  | 2008 09 10.6 | 23 16.43 -10 06.8 18.9 | -0.91 - 4.0 | 2.5/08.9  | 43135 |
| 2004 VB <sub>5</sub>   | 2008 09 10.6 | 23 16.44 +16 07.5 18.6 | -0.77 - 6.3 | 8.3/18.3  | 43221 |
| 1999 UO <sub>16</sub>  | 2008 09 10.6 | 23 16.44 -04 39.9 18.5 | -0.85 - 4.8 | 0.0/10.6  | 43100 |
| 2003 SH <sub>1</sub>   | 2008 09 10.6 | 23 16.46 -00 34.5 20.0 | -0.79 - 4.2 | 1.5/12.0  | 43176 |
| 2000 SU <sub>40</sub>  | 2008 09 10.6 | 23 16.48 +18 19.2 19.0 | -0.77 - 6.8 | 9.7/19.8  | 43109 |
| 2004 GA <sub>26</sub>  | 2008 09 10.6 | 23 16.48 -11 59.8 19.2 | -0.96 - 4.3 | 3.5/08.4  | 43200 |
| 2000 FL <sub>20</sub>  | 2008 09 10.6 | 23 16.50 -20 43.2 19.8 | -0.82 - 2.1 | 4.0/05.6  | 01997 |
| 2004 XC <sub>167</sub> | 2008 09 10.6 | 23 16.50 +17 36.4 20.0 | -0.77 - 6.8 | 9.2/18.9  | 97777 |
| 2007 DA <sub>100</sub> | 2008 09 10.6 | 23 16.53 -09 03.5 20.6 | -0.95 - 5.8 | 1.7/09.3  | 37613 |
| 1999 TR <sub>170</sub> | 2008 09 10.6 | 23 16.56 +07 51.3 19.0 | -0.73 - 9.7 | 4.4/15.5  | 43099 |
| 2003 EZ <sub>42</sub>  | 2008 09 10.6 | 23 16.59 -08 09.3 20.5 | -0.98 - 4.4 | 1.2/09.6  | 94934 |
| 2004 XL <sub>97</sub>  | 2008 09 10.6 | 23 16.59 +09 30.3 20.2 | -0.77 - 2.8 | 3.8/15.2  | 00883 |
| 1999 RJ <sub>47</sub>  | 2008 09 10.6 | 23 16.65 +07 33.8 18.0 | -1.05 + 4.4 | 6.0/13.4  | 43097 |
| 2004 VP <sub>72</sub>  | 2008 09 10.6 | 23 16.65 +02 26.5 18.6 | -0.79 - 5.6 | 2.7/13.1  | 43223 |
| 2007 KS <sub>1</sub>   | 2008 09 10.6 | 23 16.70 -15 44.3 20.0 | -0.90 - 6.6 | 3.9/07.0  | 41347 |
| 2005 AF <sub>23</sub>  | 2008 09 10.6 | 23 16.73 -20 32.5 20.4 | -0.78 - 5.9 | 5.1/05.0  | 43228 |
| 2184 T-3               | 2008 09 10.6 | 23 16.75 +02 18.6 18.9 | -0.85 - 6.0 | 2.9/13.0  | 74501 |
| 2002 AY <sub>51</sub>  | 2008 09 10.6 | 23 16.76 -01 23.9 20.2 | -0.87 - 5.2 | 1.1/11.7  | 02062 |
| 2003 XZ <sub>190</sub> | 2008 09 10.7 | 23 16.68 -02 48.8 19.8 | -0.71 - 5.8 | 0.5/11.3  | 43190 |
| 2005 LY <sub>42</sub>  | 2008 09 10.7 | 23 16.69 -03 30.8 17.7 | -0.54 + 1.0 | 0.7/11.1  | 43232 |
| 2004 VY <sub>56</sub>  | 2008 09 10.7 | 23 16.70 -02 07.1 19.2 | -0.86 - 3.4 | 1.0/11.5  | 43223 |
| 2000 FE <sub>59</sub>  | 2008 09 10.7 | 23 16.71 -18 42.2 20.7 | -0.74 - 4.2 | 3.4/05.9  | 01997 |
| 1996 RA <sub>30</sub>  | 2008 09 10.7 | 23 16.73 -12 20.7 19.1 | -0.55 - 1.8 | 1.5/08.1  | 43093 |
| 2006 DK <sub>13</sub>  | 2008 09 10.7 | 23 16.75 +05 57.0 19.6 | -0.89 - 3.8 | 3.7/14.0  | 03862 |
| 2001 XS <sub>215</sub> | 2008 09 10.7 | 23 16.76 -17 30.3 20.3 | -0.93 - 5.2 | 4.6/06.5  | 43140 |
| 2001 UV <sub>25</sub>  | 2008 09 10.7 | 23 16.77 +03 47.0 18.3 | -0.94 - 2.0 | 4.2/13.0  | 43133 |
| 2000 SM <sub>163</sub> | 2008 09 10.7 | 23 16.79 +00 08.6 19.8 | -0.90 - 3.5 | 2.1/12.2  | 43110 |
| 2001 SL <sub>139</sub> | 2008 09 10.7 | 23 16.83 -04 15.5 19.2 | -0.99 - 4.9 | 0.2/10.8  | 43127 |
| 2007 KH <sub>1</sub>   | 2008 09 10.7 | 23 16.86 -09 22.4 21.3 | -0.89 - 6.4 | 1.6/09.2  | 26292 |
| 2005 UO <sub>97</sub>  | 2008 09 10.7 | 23 16.90 -06 17.7 20.6 | -0.94 - 7.2 | 0.6/10.2  | 43237 |
| 2000 SG <sub>352</sub> | 2008 09 10.7 | 23 16.90 -22 54.8 18.0 | -0.88 - 0.4 | 9.2/05.0  | 43111 |
| 2007 BC <sub>21</sub>  | 2008 09 10.7 | 23 16.90 -21 41.9 19.5 | -0.82 -22.9 | 7.5/03.1  | 41858 |
| 2005 YY <sub>41</sub>  | 2008 09 10.7 | 23 16.91 -02 04.4 19.6 | -0.97 - 4.9 | 1.2/11.5  | 43247 |
| 2002 GT <sub>136</sub> | 2008 09 10.7 | 23 16.91 +07 03.5 19.0 | -0.75 - 9.1 | 4.1/15.1  | 43153 |
| 2005 YO <sub>60</sub>  | 2008 09 10.7 | 23 16.93 -01 01.1 21.4 | -0.86 - 4.3 | 1.1/11.9  | 01172 |

|                        |              |          |          |      |       |       |           |       |                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2002 OY <sub>27</sub>  | 2008 09 10.7 | 23 16.93 | -12 34.4 | 19.5 | -0.69 | - 7.0 | 2.4/07.9  | 43157 | 2003 WV <sub>189</sub> | 2008 09 10.9 | 23 17.71 | -21 33.2 | 19.3 | -0.71 | - 8.6 | 5.1/04.3  | 43195 |
| 2003 UD <sub>28</sub>  | 2008 09 10.7 | 23 16.93 | +08 45.7 | 19.6 | -0.73 | - 4.9 | 3.9/15.4  | 43185 | 2001 TS <sub>61</sub>  | 2008 09 10.9 | 23 17.72 | -25 57.1 | 19.3 | -1.03 | + 0.4 | 11.4/04.2 | 30478 |
| 2002 EB <sub>8</sub>   | 2008 09 10.7 | 23 16.98 | -01 22.9 | 19.7 | -0.44 | - 4.1 | 0.6/12.0  | 43149 | 2002 TK                | 2008 09 10.9 | 23 17.78 | -08 30.7 | 19.4 | -0.78 | - 2.4 | 1.2/09.8  | 43163 |
| 2001 VS <sub>128</sub> | 2008 09 10.7 | 23 16.98 | -08 42.9 | 19.2 | -0.73 | -12.0 | 1.8/09.2  | 43137 | 2007 FH <sub>32</sub>  | 2008 09 10.9 | 23 17.80 | -18 52.3 | 20.3 | -0.83 | - 7.3 | 4.4/06.0  | 22885 |
| 2000 TD <sub>60</sub>  | 2008 09 10.7 | 23 16.98 | -34 50.1 | 18.3 | -0.91 | - 3.0 | 13.1/30.1 | 43112 | 2005 UU <sub>461</sub> | 2008 09 10.9 | 23 17.82 | -15 22.8 | 20.6 | -0.81 | - 5.7 | 3.1/07.3  | 02260 |
| 2004 RU <sub>341</sub> | 2008 09 10.7 | 23 16.98 | -01 44.7 | 20.5 | -0.90 | - 4.9 | 1.0/11.7  | 43212 | 2006 DQ <sub>3</sub>   | 2008 09 10.9 | 23 17.83 | -02 12.0 | 19.8 | -0.80 | - 6.6 | 0.8/11.8  | 43259 |
| 2002 CB <sub>97</sub>  | 2008 09 10.7 | 23 16.98 | -05 37.1 | 19.0 | -0.54 | - 1.5 | 0.2/10.4  | 10857 | 2003 BA <sub>6</sub>   | 2008 09 10.9 | 23 17.85 | -05 17.6 | 20.7 | -0.96 | - 6.4 | 0.3/10.8  | 43167 |
| 2005 UO <sub>45</sub>  | 2008 09 10.7 | 23 17.01 | -17 12.6 | 19.4 | -0.83 | - 0.4 | 7.2/07.0  | 42773 | 2000 QQ <sub>91</sub>  | 2008 09 11.0 | 23 17.79 | +01 37.9 | 19.1 | -0.97 | - 0.5 | 2.9/12.7  | 43107 |
| 2004 WF <sub>5</sub>   | 2008 09 10.7 | 23 17.01 | -15 52.5 | 18.4 | -0.81 | - 3.7 | 5.1/07.1  | 42729 | 2005 YG <sub>15</sub>  | 2008 09 11.0 | 23 17.82 | +14 22.5 | 20.3 | -0.92 | - 2.4 | 6.3/17.0  | 98034 |
| 2003 TL <sub>57</sub>  | 2008 09 10.7 | 23 17.02 | -32 01.5 | 19.1 | -1.07 | + 1.5 | 8.5/03.0  | 43185 | 2001 QE <sub>180</sub> | 2008 09 11.0 | 23 17.82 | -12 51.2 | 17.8 | -0.78 | - 4.8 | 4.3/08.2  | 43123 |
| 2007 GF <sub>8</sub>   | 2008 09 10.7 | 23 17.05 | -00 50.3 | 21.4 | -0.87 | - 7.4 | 1.3/12.1  | 41870 | 2002 JV <sub>124</sub> | 2008 09 11.0 | 23 17.86 | -07 27.7 | 22.2 | -0.74 | - 6.0 | 0.7/10.0  | 40675 |
| 2004 NQ <sub>5</sub>   | 2008 09 10.7 | 23 17.09 | -06 36.8 | 18.9 | -0.94 | - 3.2 | 0.9/10.2  | 43202 | 2000 UZ <sub>45</sub>  | 2008 09 11.0 | 23 17.91 | -17 41.3 | 19.1 | -0.96 | - 3.2 | 5.0/06.9  | 97409 |
| 2005 VC <sub>77</sub>  | 2008 09 10.7 | 23 17.10 | +05 09.2 | 19.5 | -0.95 | - 5.3 | 4.4/13.9  | 97969 | 2003 SW <sub>271</sub> | 2008 09 11.0 | 23 17.92 | -17 12.2 | 20.0 | -0.85 | - 2.6 | 3.9/07.1  | 02174 |
| 2001 SM <sub>338</sub> | 2008 09 10.7 | 23 17.14 | -04 00.8 | 19.3 | -1.03 | - 2.6 | 0.3/11.0  | 43129 | 2005 UZ <sub>478</sub> | 2008 09 11.0 | 23 17.94 | +01 38.2 | 19.7 | -0.91 | - 8.0 | 2.4/13.2  | 16332 |
| 2006 BD <sub>208</sub> | 2008 09 10.8 | 23 17.06 | +13 48.3 | 20.2 | -0.97 | - 1.2 | 6.1/16.2  | 98133 | 2005 CV <sub>31</sub>  | 2008 09 11.0 | 23 17.94 | -11 56.8 | 20.1 | -0.71 | - 5.8 | 2.1/08.4  | 09114 |
| 2008 QF <sub>7</sub>   | 2008 09 10.8 | 23 17.07 | -07 07.5 | 18.6 | -0.51 | -17.0 | 1.1/09.7  | 42996 | 2007 JT <sub>39</sub>  | 2008 09 11.0 | 23 17.94 | -05 57.0 | 19.8 | -0.90 | - 3.8 | 0.4/10.6  | 43284 |
| 2005 YQ <sub>63</sub>  | 2008 09 10.8 | 23 17.09 | -04 12.7 | 20.5 | -0.94 | - 5.6 | 0.2/10.9  | 43247 | 2002 EC <sub>79</sub>  | 2008 09 11.0 | 23 17.94 | +04 52.7 | 20.3 | -0.45 | - 3.7 | 1.5/14.5  | 10866 |
| 2004 RB <sub>285</sub> | 2008 09 10.8 | 23 17.12 | -07 01.0 | 20.0 | -0.81 | - 7.6 | 0.9/10.0  | 43211 | 2007 EF <sub>116</sub> | 2008 09 11.0 | 23 17.94 | -14 17.7 | 21.7 | -0.98 | - 4.3 | 3.2/08.1  | 20855 |
| 2000 SU <sub>9</sub>   | 2008 09 10.8 | 23 17.15 | -00 23.1 | 18.3 | -1.22 | + 4.6 | 1.9/11.7  | 43108 | 2002 EQ <sub>140</sub> | 2008 09 11.0 | 23 17.94 | -06 39.2 | 19.7 | -0.51 | - 2.3 | 0.4/10.3  | 87535 |
| 1981 EZ <sub>5</sub>   | 2008 09 10.8 | 23 17.16 | +06 19.1 | 20.6 | -0.57 | - 3.8 | 2.2/14.7  | 77349 | 2002 AY <sub>179</sub> | 2008 09 11.0 | 23 17.96 | -06 05.7 | 19.8 | -0.83 | - 6.1 | 0.5/10.5  | 43144 |
| 2000 VD <sub>35</sub>  | 2008 09 10.8 | 23 17.17 | -31 28.4 | 19.2 | -1.01 | - 3.9 | 9.9/01.1  | 43113 | 2007 GM <sub>39</sub>  | 2008 09 11.0 | 23 17.96 | +00 57.2 | 21.5 | -0.89 | - 7.2 | 1.9/13.0  | 20866 |
| 2004 PV <sub>36</sub>  | 2008 09 10.8 | 23 17.18 | +04 24.9 | 20.1 | -0.92 | - 5.1 | 3.2/13.7  | 97719 | 2000 EP <sub>2</sub>   | 2008 09 11.0 | 23 17.97 | -05 28.0 | 18.0 | -1.10 | - 1.7 | 0.4/10.8  | 43104 |
| 2003 WW <sub>146</sub> | 2008 09 10.8 | 23 17.18 | -00 38.9 | 18.8 | -0.66 | -10.8 | 1.3/12.4  | 43195 | 2007 GC <sub>61</sub>  | 2008 09 11.0 | 23 17.97 | -06 33.4 | 20.0 | -0.89 | - 3.8 | 0.8/10.4  | 43280 |
| 2004 TT <sub>48</sub>  | 2008 09 10.8 | 23 17.21 | -13 52.7 | 19.5 | -0.90 | - 3.4 | 3.4/08.0  | 43215 | 2005 WY <sub>70</sub>  | 2008 09 11.0 | 23 18.00 | -14 07.8 | 21.0 | -0.97 | - 5.0 | 3.3/08.0  | 97992 |
| 2004 PS <sub>77</sub>  | 2008 09 10.8 | 23 17.23 | +02 12.8 | 19.1 | -0.90 | - 6.1 | 2.7/13.1  | 95295 | 2005 YO <sub>92</sub>  | 2008 09 11.0 | 23 18.04 | +10 30.5 | 19.8 | -0.95 | - 1.7 | 7.6/15.4  | 98049 |
| 2003 SH <sub>18</sub>  | 2008 09 10.8 | 23 17.23 | -01 08.9 | 19.7 | -0.71 | - 9.4 | 1.1/12.1  | 43176 | 2004 VA <sub>74</sub>  | 2008 09 11.0 | 23 18.04 | -02 06.6 | 19.5 | -0.82 | - 7.7 | 0.9/11.9  | 42729 |
| 2003 ER <sub>23</sub>  | 2008 09 10.8 | 23 17.26 | -07 28.5 | 21.0 | -0.90 | - 6.1 | 1.0/09.9  | 20776 | 2002 PQ <sub>172</sub> | 2008 09 11.0 | 23 18.04 | +01 53.5 | 20.8 | -0.73 | - 4.8 | 1.8/13.2  | 18018 |
| 2007 GZ <sub>19</sub>  | 2008 09 10.8 | 23 17.29 | -01 31.2 | 20.9 | -0.92 | - 5.7 | 1.0/11.8  | 43279 | 2003 BH <sub>61</sub>  | 2008 09 11.0 | 23 18.05 | +00 34.3 | 20.1 | -0.64 | - 3.0 | 1.1/12.8  | 43167 |
| 2005 EE <sub>39</sub>  | 2008 09 10.8 | 23 17.34 | -01 38.3 | 20.4 | -0.67 | - 7.1 | 0.7/11.9  | 43230 | 2007 BB <sub>73</sub>  | 2008 09 11.0 | 23 18.06 | +35 28.6 | 19.0 | -1.65 | + 8.9 | 20.5/18.7 | 19696 |
| 2004 TK <sub>75</sub>  | 2008 09 10.8 | 23 17.35 | -00 27.4 | 18.8 | -0.78 | - 6.6 | 1.6/12.3  | 43215 | 1998 YX <sub>4</sub>   | 2008 09 11.0 | 23 18.12 | -07 20.8 | 19.2 | -0.93 | - 7.6 | 1.2/10.1  | 43096 |
| 2005 EM <sub>18</sub>  | 2008 09 10.8 | 23 17.35 | -02 15.2 | 19.5 | -0.65 | - 2.7 | 0.6/11.6  | 43230 | 2007 LD <sub>24</sub>  | 2008 09 11.0 | 23 18.14 | -00 42.4 | 19.9 | -0.68 | - 8.7 | 1.3/12.5  | 22892 |
| 2005 WC <sub>161</sub> | 2008 09 10.8 | 23 17.39 | +08 46.0 | 18.5 | -0.96 | - 4.2 | 5.9/15.0  | 42784 | 2005 CE <sub>17</sub>  | 2008 09 11.0 | 23 18.16 | -15 46.3 | 20.0 | -0.69 | - 8.8 | 3.7/06.8  | 43229 |
| 1996 HV <sub>14</sub>  | 2008 09 10.8 | 23 17.39 | -29 45.0 | 20.7 | -0.96 | 0.0   | 8.2/03.4  | 43092 | 2006 BZ <sub>275</sub> | 2008 09 11.0 | 23 18.16 | -04 30.3 | 18.6 | -0.74 | - 6.7 | 0.0/11.1  | 43257 |
| 2003 TK <sub>30</sub>  | 2008 09 10.8 | 23 17.41 | -17 42.5 | 20.0 | -0.85 | - 2.0 | 3.8/06.9  | 02177 | 2002 CY <sub>267</sub> | 2008 09 11.0 | 23 18.20 | -17 25.5 | 20.0 | -0.97 | - 3.2 | 4.5/07.2  | 43148 |
| 1998 FS <sub>136</sub> | 2008 09 10.8 | 23 17.44 | -06 46.8 | 19.6 | -0.98 | - 1.7 | 0.7/10.3  | 24287 | 2000 KR <sub>64</sub>  | 2008 09 11.0 | 23 18.21 | -15 05.6 | 20.5 | -0.95 | - 5.9 | 3.7/07.7  | 20734 |
| 2005 YY <sub>111</sub> | 2008 09 10.8 | 23 17.48 | -03 44.0 | 20.5 | -0.90 | - 5.8 | 0.3/11.2  | 43248 | 2005 YD <sub>246</sub> | 2008 09 11.1 | 23 18.12 | -00 23.7 | 20.1 | -0.84 | - 6.3 | 1.5/12.5  | 43250 |
| 2003 WM <sub>158</sub> | 2008 09 10.9 | 23 17.43 | -20 21.8 | 20.3 | -0.86 | - 1.8 | 5.1/06.0  | 22765 | 2001 AT <sub>37</sub>  | 2008 09 11.1 | 23 18.13 | -26 40.7 | 19.9 | -0.82 | - 4.2 | 5.9/03.4  | 02025 |
| 2005 WA <sub>139</sub> | 2008 09 10.9 | 23 17.47 | -09 24.9 | 19.0 | -0.89 | - 4.9 | 2.4/09.4  | 43244 | 2004 PE <sub>23</sub>  | 2008 09 11.1 | 23 18.14 | -07 49.3 | 19.2 | -0.76 | - 7.3 | 1.5/09.9  | 00731 |
| 2006 DK <sub>166</sub> | 2008 09 10.9 | 23 17.49 | -11 01.5 | 20.4 | -0.85 | - 1.9 | 2.1/09.0  | 01430 | 2007 LN <sub>2</sub>   | 2008 09 11.1 | 23 18.16 | -22 35.8 | 19.6 | -0.73 | - 6.3 | 5.7/04.5  | 41875 |
| 2005 YM <sub>107</sub> | 2008 09 10.9 | 23 17.52 | +07 02.4 | 19.5 | -0.93 | - 4.1 | 5.0/14.5  | 43248 | 2005 VS <sub>56</sub>  | 2008 09 11.1 | 23 18.16 | -21 22.1 | 18.3 | -0.90 | - 5.3 | 8.1/05.3  | 43242 |
| 2005 XP <sub>79</sub>  | 2008 09 10.9 | 23 17.53 | -01 38.1 | 20.1 | -0.74 | - 4.0 | 0.8/11.9  | 43246 | 2004 RZ <sub>7</sub>   | 2008 09 11.1 | 23 18.17 | -04 59.0 | 18.7 | -0.71 | -14.5 | 0.2/10.9  | 43206 |
| 2004 SA <sub>61</sub>  | 2008 09 10.9 | 23 17.53 | -04 37.9 | 19.0 | -1.04 | - 0.3 | 0.0/10.9  | 43214 | 2007 EZ <sub>107</sub> | 2008 09 11.1 | 23 18.19 | -24 06.8 | 20.2 | -1.02 | + 1.7 | 7.4/06.2  | 21669 |
| 2006 DT <sub>22</sub>  | 2008 09 10.9 | 23 17.54 | -08 04.2 | 18.9 | -0.81 | - 4.4 | 1.2/09.8  | 43259 | 2007 LL <sub>36</sub>  | 2008 09 11.1 | 23 18.19 | -17 03.9 | 18.9 | -0.67 | - 7.7 | 4.3/06.4  | 43285 |
| 2005 SE <sub>232</sub> | 2008 09 10.9 | 23 17.56 | -05 22.8 | 20.3 | -0.99 | - 5.7 | 0.4/10.7  | 43234 | 2004 GG <sub>82</sub>  | 2008 09 11.1 | 23 18.23 | -09 45.4 | 20.4 | -0.50 | - 2.3 | 0.9/09.3  | 11054 |
| 2006 AL <sub>59</sub>  | 2008 09 10.9 | 23 17.57 | -11 17.0 | 20.6 | -0.84 | - 5.6 | 2.4/08.7  | 26123 | 2008 QL <sub>10</sub>  | 2008 09 11.1 | 23 18.23 | -01 34.5 | 19.1 | -0.86 | - 2.0 | 1.0/12.0  | 42999 |
| 2003 SO <sub>273</sub> | 2008 09 10.9 | 23 17.63 | -00 14.7 | 19.1 | -0.72 | - 6.4 | 1.5/12.5  | 43182 | 2003 SV <sub>176</sub> | 2008 09 11.1 | 23 18.24 | -03 37.5 | 19.4 | -0.69 | - 8.3 | 0.3/11.4  | 43180 |
| 2006 DP <sub>36</sub>  | 2008 09 10.9 | 23 17.63 | -09 13.2 | 20.0 | -0.94 | - 1.3 | 1.5/09.6  | 22811 | 2003 DD <sub>5</sub>   | 2008 09 11.1 | 23 18.24 | +06 36.6 | 19.6 | -0.99 | - 4.0 | 4.2/14.6  | 19592 |
| 2004 TM <sub>81</sub>  | 2008 09 10.9 | 23 17.64 | -04 31.9 | 19.7 | -0.88 | - 4.1 | 0.0/11.0  | 43215 | 2002 CD <sub>106</sub> | 2008 09 11.1 | 23 18.25 | -09 32.8 | 20.0 | -0.85 | - 5.5 | 1.7/09.5  | 41778 |
| 2006 BF <sub>81</sub>  | 2008 09 10.9 | 23 17.64 | -02 43.1 | 20.1 | -1.05 | - 0.9 | 0.7/11.4  | 02275 | 2004 TP <sub>366</sub> | 2008 09 11.1 | 23 18.28 | -03 40.4 | 20.2 | -0.87 | - 3.8 | 0.3/11.4  | 43221 |
| 2005 UU <sub>441</sub> | 2008 09 10.9 | 23 17.66 | -20 24.6 | 19.5 | -0.98 | - 3.6 | 7.1/06.1  | 41831 | 2005 XY <sub>63</sub>  | 2008 09 11.1 | 23 18.28 | -07 38.3 | 20.7 | -0.92 | - 5.1 | 1.0/10.1  | 96634 |
| 2002 OE <sub>6</sub>   | 2008 09 10.9 | 23 17.69 | +19 39.1 | 19.7 | -0.80 | - 2.8 | 7.0/19.4  | 75406 | 2005 AW <sub>19</sub>  | 2008 09 11.1 | 23 18.31 | -14 05.5 | 20.3 | -0.73 | - 5.3 | 2.7/07.8  | 02237 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 BD <sub>128</sub> | 2008 09 11.1 | 23 18.33 -02 31.8 20.5 | -0.84 - 5.5 | 0.6/11.8  | 43255 |
| 2004 XC <sub>9</sub>   | 2008 09 11.1 | 23 18.33 +20 56.7 18.3 | -0.79 - 1.6 | 11.8/19.8 | 74442 |
| 2005 SV <sub>49</sub>  | 2008 09 11.1 | 23 18.37 -10 50.5 19.4 | -1.02 - 3.2 | 3.1/09.3  | 97814 |
| 2001 KF <sub>71</sub>  | 2008 09 11.1 | 23 18.39 -20 42.6 19.5 | -0.78 - 3.4 | 4.8/05.8  | 02035 |
| 2005 WY <sub>78</sub>  | 2008 09 11.1 | 23 18.40 -17 39.8 19.5 | -0.98 - 5.0 | 5.2/06.9  | 41833 |
| 2006 FR <sub>49</sub>  | 2008 09 11.1 | 23 18.42 -25 46.1 20.7 | -0.72 - 4.9 | 4.9/03.5  | 11166 |
| 1998 UM <sub>44</sub>  | 2008 09 11.1 | 23 18.44 +07 08.0 18.7 | -0.70 - 7.0 | 3.9/15.4  | 43095 |
| 2007 MS <sub>13</sub>  | 2008 09 11.1 | 23 18.45 -25 27.2 20.6 | -0.80 - 6.6 | 6.6/03.5  | 21717 |
| 2004 TR <sub>108</sub> | 2008 09 11.1 | 23 18.55 -10 32.8 19.5 | -0.97 - 2.6 | 2.1/09.4  | 43216 |
| 2001 UP <sub>108</sub> | 2008 09 11.1 | 23 18.56 -29 25.6 19.6 | -1.08 - 2.8 | 8.9/03.1  | 43134 |
| 2003 SN <sub>42</sub>  | 2008 09 11.2 | 23 18.53 +08 16.2 18.7 | -0.66 -10.7 | 4.6/16.3  | 43176 |
| 2004 JC <sub>31</sub>  | 2008 09 11.2 | 23 18.54 -15 06.6 20.3 | -1.00 - 5.8 | 4.1/07.9  | 21812 |
| 2006 DF <sub>207</sub> | 2008 09 11.2 | 23 18.55 +00 05.5 20.4 | -0.66 - 7.1 | 1.3/12.9  | 11163 |
| 2004 TZ <sub>242</sub> | 2008 09 11.2 | 23 18.55 -31 42.3 19.0 | -0.83 - 4.4 | 11.5/31.8 | 43218 |
| 2006 BJ <sub>114</sub> | 2008 09 11.2 | 23 18.62 +05 18.2 18.7 | -0.96 - 1.4 | 3.8/14.0  | 43254 |
| 2007 BJ <sub>65</sub>  | 2008 09 11.2 | 23 18.65 -09 59.4 19.7 | -0.83 - 9.9 | 2.3/09.2  | 43272 |
| 2006 DR <sub>198</sub> | 2008 09 11.2 | 23 18.66 -27 08.0 20.9 | -0.88 - 1.3 | 6.0/04.2  | 21629 |
| 2000 UF <sub>106</sub> | 2008 09 11.2 | 23 18.67 -12 01.1 18.6 | -0.80 - 7.7 | 3.2/08.5  | 43113 |
| 2004 TQ <sub>295</sub> | 2008 09 11.2 | 23 18.70 +04 35.2 20.3 | -0.78 - 6.4 | 3.6/14.4  | 74418 |
| 2002 GB <sub>23</sub>  | 2008 09 11.2 | 23 18.71 +05 45.8 19.8 | -0.77 - 6.8 | 3.2/14.8  | 43152 |
| 2006 BO <sub>10</sub>  | 2008 09 11.2 | 23 18.71 -05 20.9 20.4 | -0.89 - 5.2 | 0.3/11.0  | 43252 |
| 2003 GM <sub>36</sub>  | 2008 09 11.2 | 23 18.76 -02 20.3 21.6 | -0.92 - 6.2 | 0.7/11.9  | 03504 |
| 1996 LJ <sub>3</sub>   | 2008 09 11.2 | 23 18.77 +00 46.8 19.1 | -0.69 - 7.4 | 1.6/13.2  | 21291 |
| 2003 UL <sub>16</sub>  | 2008 09 11.2 | 23 18.77 -08 26.1 18.5 | -0.75 - 4.4 | 1.4/09.9  | 43185 |
| 2005 YF <sub>114</sub> | 2008 09 11.2 | 23 18.80 -12 17.5 20.3 | -0.88 - 5.2 | 3.0/08.7  | 19680 |
| 2007 LR <sub>21</sub>  | 2008 09 11.2 | 23 18.84 -29 21.6 21.0 | -0.90 - 5.4 | 7.9/02.3  | 21255 |
| 2006 FO <sub>4</sub>   | 2008 09 11.2 | 23 18.88 -00 37.4 21.0 | -0.78 - 6.9 | 1.1/12.6  | 43265 |
| 2007 GT <sub>73</sub>  | 2008 09 11.2 | 23 18.91 -04 35.2 20.8 | -0.84 - 5.9 | 0.1/11.2  | 43280 |
| 2007 DP <sub>38</sub>  | 2008 09 11.3 | 23 18.84 -09 06.9 20.4 | -1.04 - 2.5 | 1.9/10.0  | 19703 |
| 2005 UP <sub>132</sub> | 2008 09 11.3 | 23 18.84 -10 40.9 18.8 | -0.82 -10.4 | 2.8/09.0  | 41830 |
| 2000 CE <sub>81</sub>  | 2008 09 11.3 | 23 18.84 -16 31.9 20.2 | -0.68 - 7.0 | 3.0/06.8  | 41754 |
| 2006 CR <sub>61</sub>  | 2008 09 11.3 | 23 18.92 -24 25.2 20.8 | -0.70 - 7.6 | 4.8/03.7  | 22538 |
| 1999 CY <sub>146</sub> | 2008 09 11.3 | 23 18.93 -03 40.0 20.8 | -0.92 - 6.0 | 0.3/11.6  | 97344 |
| 2005 XS <sub>39</sub>  | 2008 09 11.3 | 23 18.94 +15 12.9 21.1 | -0.80 - 3.8 | 4.7/18.0  | 02262 |
| 2007 DG                | 2008 09 11.3 | 23 19.01 +24 45.5 19.5 | -1.43 + 2.6 | 13.5/18.6 | 30251 |
| 2001 YY <sub>57</sub>  | 2008 09 11.3 | 23 19.03 -07 29.3 20.6 | -0.93 - 5.6 | 1.2/10.4  | 94430 |
| 2002 OM <sub>26</sub>  | 2008 09 11.3 | 23 19.05 -12 10.9 19.3 | -0.81 - 2.4 | 2.4/09.0  | 43157 |
| 2002 WS <sub>13</sub>  | 2008 09 11.3 | 23 19.05 -05 16.7 18.0 | -0.78 - 9.4 | 0.4/11.0  | 43166 |
| 1997 GL <sub>5</sub>   | 2008 09 11.3 | 23 19.09 -07 22.5 20.0 | -0.88 - 3.2 | 1.0/10.5  | 01967 |
| 2005 WT <sub>11</sub>  | 2008 09 11.3 | 23 19.13 -08 14.7 21.1 | -0.93 - 5.9 | 1.3/10.1  | 20824 |
| 2000 AH <sub>116</sub> | 2008 09 11.3 | 23 19.14 -15 59.6 20.3 | -0.69 - 5.9 | 2.7/07.2  | 41753 |
| 2000 HM <sub>33</sub>  | 2008 09 11.3 | 23 19.20 -17 11.8 19.8 | -0.97 - 5.2 | 4.9/07.3  | 19523 |
| 2006 FK <sub>13</sub>  | 2008 09 11.3 | 23 19.21 -00 00.6 21.2 | -0.69 - 6.4 | 1.1/12.9  | 01514 |
| 2002 CS <sub>185</sub> | 2008 09 11.3 | 23 19.22 -08 01.8 20.7 | -0.85 - 5.0 | 1.1/10.2  | 21312 |
| 2003 YU <sub>149</sub> | 2008 09 11.3 | 23 19.23 -21 18.8 19.6 | -0.73 - 3.5 | 4.9/05.6  | 08835 |
| 2006 DZ <sub>151</sub> | 2008 09 11.3 | 23 19.24 +00 03.6 21.0 | -0.70 - 7.0 | 1.3/13.0  | 01424 |
| 2006 AQ <sub>10</sub>  | 2008 09 11.3 | 23 19.25 -33 08.4 21.2 | -0.77 - 5.3 | 6.8/31.7  | 43250 |
| 2006 DR <sub>81</sub>  | 2008 09 11.3 | 23 19.25 -03 39.5 20.1 | -0.69 - 8.4 | 0.2/11.7  | 43261 |
| 2007 DH <sub>32</sub>  | 2008 09 11.3 | 23 19.27 -05 54.3 20.9 | -1.03 - 5.1 | 0.6/10.9  | 43273 |
| 2005 UN <sub>303</sub> | 2008 09 11.4 | 23 19.20 -17 03.8 20.8 | -0.92 - 6.4 | 4.4/07.2  | 22800 |
| 2002 KS <sub>9</sub>   | 2008 09 11.4 | 23 19.20 -38 41.8 19.6 | -1.07 -12.8 | 13.8/27.2 | 43155 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 DX <sub>53</sub>  | 2008 09 11.4 | 23 19.20 -01 27.6 19.2 | -0.92 - 4.6 | 1.1/12.3  | 43119 |
| 2002 EG <sub>134</sub> | 2008 09 11.4 | 23 19.20 +00 43.3 19.3 | -0.48 - 3.4 | 0.9/13.2  | 43151 |
| 2000 AZ <sub>135</sub> | 2008 09 11.4 | 23 19.22 -01 42.8 19.5 | -1.05 - 4.9 | 1.1/12.2  | 43102 |
| 2005 XA <sub>61</sub>  | 2008 09 11.4 | 23 19.22 +03 22.0 18.7 | -0.77 - 5.8 | 4.0/14.1  | 43246 |
| 2006 BQ <sub>107</sub> | 2008 09 11.4 | 23 19.23 -08 56.2 20.0 | -0.82 - 5.6 | 1.6/09.9  | 41841 |
| 2001 XV <sub>91</sub>  | 2008 09 11.4 | 23 19.25 -09 16.7 20.3 | -0.93 - 5.3 | 1.8/09.9  | 94346 |
| 2002 JK <sub>72</sub>  | 2008 09 11.4 | 23 19.26 -09 25.8 20.2 | -0.76 - 7.0 | 1.5/09.6  | 41782 |
| 1999 RE <sub>216</sub> | 2008 09 11.4 | 23 19.27 -02 34.8 19.8 | -0.88 - 3.4 | 0.7/12.0  | 43097 |
| 2007 LF <sub>13</sub>  | 2008 09 11.4 | 23 19.28 -20 58.8 20.3 | -0.79 - 8.1 | 5.7/05.2  | 21253 |
| 2000 UK <sub>71</sub>  | 2008 09 11.4 | 23 19.31 +06 22.0 18.0 | -0.79 - 5.0 | 4.8/15.0  | 43112 |
| 2004 FE <sub>38</sub>  | 2008 09 11.4 | 23 19.32 +03 11.0 19.8 | -1.00 - 6.2 | 3.2/13.8  | 18068 |
| 2005 CY <sub>63</sub>  | 2008 09 11.4 | 23 19.37 -08 05.8 20.2 | -0.74 - 5.0 | 1.1/10.2  | 41824 |
| 2005 XH <sub>38</sub>  | 2008 09 11.4 | 23 19.38 -18 33.3 20.8 | -0.94 - 5.6 | 5.6/06.7  | 26109 |
| 2000 QC <sub>206</sub> | 2008 09 11.4 | 23 19.41 -04 59.0 18.2 | -1.14 + 1.7 | 0.3/11.3  | 43107 |
| 2004 RG <sub>23</sub>  | 2008 09 11.4 | 23 19.42 -07 51.3 19.8 | -0.84 - 7.2 | 1.2/10.3  | 20796 |
| 2002 GH <sub>79</sub>  | 2008 09 11.4 | 23 19.43 +06 30.4 19.8 | -0.78 - 7.6 | 3.3/15.3  | 02094 |
| 2006 HQ <sub>6</sub>   | 2008 09 11.4 | 23 19.47 +04 23.4 20.2 | -0.69 - 5.9 | 2.4/14.6  | 01618 |
| 2008 QT <sub>16</sub>  | 2008 09 11.4 | 23 19.47 -02 39.2 19.1 | -0.79 - 6.5 | 0.8/12.0  | 43002 |
| 2001 QO <sub>145</sub> | 2008 09 11.4 | 23 19.50 -03 36.9 20.4 | -0.92 - 7.8 | 0.3/11.7  | 43123 |
| 2003 WQ <sub>143</sub> | 2008 09 11.4 | 23 19.52 +00 46.0 19.3 | -0.78 - 2.8 | 1.5/13.1  | 43195 |
| 2006 AB <sub>41</sub>  | 2008 09 11.4 | 23 19.52 -05 00.9 21.2 | -0.94 - 4.9 | 0.2/11.3  | 98080 |
| 2006 AE <sub>57</sub>  | 2008 09 11.4 | 23 19.55 -04 43.8 20.8 | -0.86 - 5.1 | 0.1/11.4  | 43251 |
| 2003 UP <sub>53</sub>  | 2008 09 11.4 | 23 19.56 +35 39.0 19.6 | -0.97 - 9.2 | 17.8/30.6 | 87595 |
| 2001 PP <sub>42</sub>  | 2008 09 11.4 | 23 19.60 -23 13.4 18.5 | -0.93 - 4.1 | 8.7/05.2  | 43121 |
| 2001 XB <sub>109</sub> | 2008 09 11.4 | 23 19.63 -22 55.3 20.3 | -0.91 - 4.5 | 5.6/05.3  | 41775 |
| 2000 SY <sub>57</sub>  | 2008 09 11.5 | 23 19.55 -04 53.2 18.6 | -0.80 - 4.8 | 0.2/11.3  | 43109 |
| 2006 HE <sub>18</sub>  | 2008 09 11.5 | 23 19.56 +04 48.4 20.1 | -0.67 - 6.5 | 2.5/14.8  | 04373 |
| 2007 DC <sub>4</sub>   | 2008 09 11.5 | 23 19.57 +03 04.3 19.9 | -1.00 - 5.6 | 3.0/13.8  | 17717 |
| 1999 XQ <sub>217</sub> | 2008 09 11.5 | 23 19.60 +01 16.3 20.6 | -1.01 - 5.4 | 2.3/13.2  | 43102 |
| 2006 AZ <sub>49</sub>  | 2008 09 11.5 | 23 19.61 -08 33.9 20.2 | -0.89 - 5.8 | 1.7/10.1  | 20835 |
| 2005 YU <sub>153</sub> | 2008 09 11.5 | 23 19.62 +05 38.3 20.3 | -1.01 - 2.7 | 3.7/14.4  | 96802 |
| 2004 TR <sub>295</sub> | 2008 09 11.5 | 23 19.63 -08 12.5 18.4 | -0.82 - 3.9 | 1.7/10.3  | 43219 |
| 2008 QD <sub>10</sub>  | 2008 09 11.5 | 23 19.65 -04 10.4 18.9 | -0.77 - 6.3 | 0.1/11.6  | 42999 |
| 2002 GV <sub>149</sub> | 2008 09 11.5 | 23 19.67 -00 30.2 20.3 | -0.82 - 5.7 | 1.2/12.8  | 43154 |
| 2003 BB <sub>35</sub>  | 2008 09 11.5 | 23 19.69 -08 40.2 20.5 | -0.59 - 4.6 | 1.0/10.0  | 41787 |
| 2001 AG <sub>46</sub>  | 2008 09 11.5 | 23 19.69 -46 34.1 20.1 | -1.21 - 0.6 | 12.4/26.4 | 02025 |
| 2004 JJ <sub>6</sub>   | 2008 09 11.5 | 23 19.70 -08 56.1 20.5 | -1.02 - 4.7 | 1.9/10.2  | 43201 |
| 2007 DY <sub>49</sub>  | 2008 09 11.5 | 23 19.74 -12 45.8 18.0 | -1.84 +11.6 | 4.8/10.6  | 43273 |
| 2005 YM <sub>105</sub> | 2008 09 11.5 | 23 19.74 -24 48.7 21.2 | -0.86 - 6.3 | 6.5/04.2  | 21168 |
| 2005 UN <sub>247</sub> | 2008 09 11.5 | 23 19.81 +05 43.8 20.5 | -0.94 - 6.6 | 3.7/14.9  | 26080 |
| 2007 EP <sub>156</sub> | 2008 09 11.5 | 23 19.84 +01 26.1 21.0 | -0.85 - 5.3 | 1.8/13.5  | 19720 |
| 2005 SR <sub>289</sub> | 2008 09 11.5 | 23 19.87 -11 45.0 20.8 | -1.09 - 2.8 | 3.2/09.5  | 24041 |
| 2005 XM <sub>100</sub> | 2008 09 11.5 | 23 19.88 -09 09.9 21.1 | -0.90 - 6.3 | 2.1/10.0  | 98030 |
| 2003 WC <sub>1</sub>   | 2008 09 11.5 | 23 19.89 -18 15.0 19.3 | -0.77 - 3.7 | 4.6/06.9  | 43192 |
| 2004 RR <sub>193</sub> | 2008 09 11.5 | 23 19.93 -00 54.6 17.9 | -1.06 + 2.0 | 1.6/12.4  | 42711 |
| 2005 CC <sub>69</sub>  | 2008 09 11.5 | 23 19.93 -06 39.4 20.7 | -0.49 - 3.1 | 0.4/10.8  | 43230 |
| 2007 DR <sub>72</sub>  | 2008 09 11.5 | 23 19.95 -04 03.8 19.8 | -1.07 - 2.6 | 0.1/11.7  | 19706 |
| 2006 BR <sub>194</sub> | 2008 09 11.5 | 23 19.99 +00 51.1 20.5 | -0.83 - 4.9 | 1.7/13.3  | 43256 |
| 2004 TE <sub>160</sub> | 2008 09 11.6 | 23 19.93 +12 29.0 18.8 | -0.75 - 9.1 | 6.2/18.2  | 43217 |
| 2005 AK <sub>1</sub>   | 2008 09 11.6 | 23 20.01 -22 13.5 19.1 | -0.75 - 5.3 | 5.7/05.2  | 43227 |
| 1998 FL <sub>10</sub>  | 2008 09 11.6 | 23 20.11 -01 15.2 20.9 | -0.85 - 5.3 | 1.0/12.6  | 01968 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2005 YF <sub>10</sub>  | 2008 09 11.6 | 23 20.11 | -02 39.0 | 20.9 | -0.89 | - 6.0 | 0.6/12.2  | 43246 |
| 2003 SQ <sub>427</sub> | 2008 09 11.6 | 23 20.12 | -19 40.7 | 20.7 | -0.84 | - 2.2 | 4.3/06.9  | 40376 |
| 2007 JW <sub>17</sub>  | 2008 09 11.6 | 23 20.12 | -19 19.7 | 20.1 | -0.69 | - 8.1 | 4.8/05.9  | 21367 |
| 2006 CJ <sub>65</sub>  | 2008 09 11.6 | 23 20.13 | -07 42.0 | 20.9 | -0.77 | - 5.6 | 1.1/10.5  | 41845 |
| 2004 RU <sub>253</sub> | 2008 09 11.6 | 23 20.18 | +14 30.2 | 19.4 | -0.85 | - 6.1 | 6.6/18.1  | 02212 |
| 2001 XM <sub>130</sub> | 2008 09 11.6 | 23 20.20 | -11 48.4 | 19.1 | -0.92 | - 6.8 | 3.3/09.1  | 94360 |
| 2003 UM <sub>175</sub> | 2008 09 11.6 | 23 20.20 | +03 26.7 | 20.3 | -0.72 | - 6.0 | 2.7/14.4  | 04269 |
| 2004 XP <sub>17</sub>  | 2008 09 11.6 | 23 20.21 | -09 46.1 | 19.4 | -0.78 | - 4.9 | 1.8/09.8  | 43224 |
| 2003 QL <sub>53</sub>  | 2008 09 11.6 | 23 20.22 | -09 31.8 | 18.8 | -0.78 | - 5.3 | 1.8/09.9  | 43174 |
| 2006 BD <sub>276</sub> | 2008 09 11.6 | 23 20.23 | -04 49.7 | 20.8 | -0.73 | - 5.0 | 0.2/11.5  | 43257 |
| 2001 UA <sub>204</sub> | 2008 09 11.6 | 23 20.25 | -09 47.0 | 20.2 | -0.99 | - 3.7 | 2.0/10.0  | 46853 |
| 2002 FD <sub>40</sub>  | 2008 09 11.6 | 23 20.26 | -18 04.7 | 18.6 | -0.84 | - 4.2 | 5.0/07.2  | 41781 |
| 2003 UG <sub>183</sub> | 2008 09 11.6 | 23 20.28 | -26 16.7 | 20.6 | -0.89 | - 2.1 | 6.2/04.5  | 57111 |
| 2001 SM <sub>36</sub>  | 2008 09 11.6 | 23 20.28 | -24 50.3 | 20.2 | -1.22 | - 1.1 | 6.6/05.9  | 02041 |
| 2006 DJ <sub>188</sub> | 2008 09 11.6 | 23 20.31 | -07 33.5 | 20.3 | -0.74 | - 5.2 | 1.0/10.6  | 01436 |
| 2007 FH <sub>37</sub>  | 2008 09 11.7 | 23 20.30 | -09 16.4 | 21.4 | -0.93 | - 5.6 | 1.7/10.1  | 21678 |
| 2003 WF <sub>71</sub>  | 2008 09 11.7 | 23 20.33 | -03 27.4 | 19.3 | -0.91 | - 1.0 | 0.3/11.9  | 43193 |
| 1998 RG <sub>13</sub>  | 2008 09 11.7 | 23 20.33 | -05 44.1 | 20.4 | -0.77 | - 4.6 | 0.5/11.2  | 01970 |
| 2006 HK <sub>88</sub>  | 2008 09 11.7 | 23 20.34 | -14 20.8 | 21.2 | -0.86 | - 2.2 | 3.0/08.6  | 09559 |
| 2000 UZ <sub>89</sub>  | 2008 09 11.7 | 23 20.36 | -34 38.7 | 18.5 | -0.99 | - 2.0 | 13.7/30.8 | 43113 |
| 2002 EZ <sub>60</sub>  | 2008 09 11.7 | 23 20.40 | -00 19.4 | 19.5 | -0.49 | - 2.6 | 0.7/13.1  | 43150 |
| 2002 CZ <sub>269</sub> | 2008 09 11.7 | 23 20.41 | -08 16.3 | 20.4 | -0.82 | - 6.5 | 1.4/10.4  | 21313 |
| 2003 TD <sub>51</sub>  | 2008 09 11.7 | 23 20.42 | +13 53.8 | 20.1 | -0.79 | - 3.4 | 5.4/17.9  | 74288 |
| 2006 DA <sub>159</sub> | 2008 09 11.7 | 23 20.43 | -05 45.0 | 20.6 | -0.73 | - 8.5 | 0.4/11.2  | 43263 |
| 2000 CR <sub>23</sub>  | 2008 09 11.7 | 23 20.44 | -12 28.1 | 19.2 | -0.68 | - 9.0 | 2.5/08.6  | 43103 |
| 2005 QP <sub>181</sub> | 2008 09 11.7 | 23 20.45 | -05 57.2 | 19.9 | -1.07 | - 3.6 | 0.7/11.3  | 11125 |
| 2004 RU <sub>199</sub> | 2008 09 11.7 | 23 20.47 | -06 37.6 | 18.1 | -1.04 | - 0.1 | 0.9/11.1  | 43210 |
| 2007 ET <sub>74</sub>  | 2008 09 11.7 | 23 20.51 | -01 47.3 | 20.0 | -0.82 | - 6.4 | 0.8/13.0  | 43275 |
| 2007 BK <sub>65</sub>  | 2008 09 11.7 | 23 20.53 | -02 44.3 | 20.7 | -1.00 | - 5.6 | 0.6/12.2  | 43272 |
| 2004 NF <sub>22</sub>  | 2008 09 11.7 | 23 20.56 | -05 09.7 | 18.7 | -0.98 | - 3.1 | 0.4/11.5  | 42700 |
| 2001 DV <sub>84</sub>  | 2008 09 11.7 | 23 20.56 | -01 35.3 | 20.9 | -0.71 | - 5.7 | 0.8/12.7  | 43119 |
| 2000 VF <sub>12</sub>  | 2008 09 11.7 | 23 20.61 | -14 54.2 | 19.5 | -1.01 | - 5.7 | 3.9/08.3  | 02016 |
| 2004 RC <sub>55</sub>  | 2008 09 11.7 | 23 20.70 | -14 20.6 | 18.3 | -1.44 | + 6.2 | 4.2/10.1  | 43207 |
| 1998 TU <sub>9</sub>   | 2008 09 11.8 | 23 20.64 | -15 29.8 | 20.4 | -1.05 | - 3.5 | 4.0/08.5  | 17897 |
| 2000 VW <sub>41</sub>  | 2008 09 11.8 | 23 20.64 | +06 23.5 | 19.7 | -0.86 | - 5.5 | 3.6/15.3  | 99996 |
| 2001 BA <sub>27</sub>  | 2008 09 11.8 | 23 20.66 | -09 36.2 | 20.3 | -0.74 | - 5.9 | 1.4/10.0  | 97429 |
| 2006 DE <sub>49</sub>  | 2008 09 11.8 | 23 20.70 | -08 00.7 | 19.9 | -0.89 | - 2.8 | 1.2/10.7  | 11160 |
| 2006 FL <sub>6</sub>   | 2008 09 11.8 | 23 20.72 | -17 34.3 | 20.1 | -0.71 | - 5.0 | 3.3/07.2  | 01506 |
| 2000 SR <sub>215</sub> | 2008 09 11.8 | 23 20.73 | -05 15.9 | 20.2 | -0.86 | - 6.7 | 0.4/11.5  | 43110 |
| 2006 FP <sub>19</sub>  | 2008 09 11.8 | 23 20.73 | -06 16.7 | 21.1 | -0.74 | - 4.4 | 0.6/11.1  | 43265 |
| 2005 YU <sub>239</sub> | 2008 09 11.8 | 23 20.74 | -07 38.6 | 21.4 | -0.82 | - 6.1 | 1.1/10.7  | 96864 |
| 2003 SF <sub>223</sub> | 2008 09 11.8 | 23 20.75 | -34 43.3 | 19.3 | -1.05 | + 1.6 | 10.8/02.4 | 43181 |
| 2001 OD <sub>78</sub>  | 2008 09 11.8 | 23 20.76 | -26 46.0 | 19.2 | -0.67 | - 6.4 | 6.2/03.0  | 41765 |
| 2001 TD <sub>190</sub> | 2008 09 11.8 | 23 20.77 | -08 49.3 | 19.6 | -1.02 | - 3.6 | 1.8/10.5  | 43132 |
| 2005 UC <sub>64</sub>  | 2008 09 11.8 | 23 20.78 | -14 02.1 | 19.1 | -0.93 | - 7.6 | 4.1/08.5  | 43237 |
| 2005 YU <sub>219</sub> | 2008 09 11.8 | 23 20.78 | +11 00.9 | 19.3 | -0.94 | - 2.9 | 5.2/16.4  | 43249 |
| 2006 DT <sub>112</sub> | 2008 09 11.8 | 23 20.79 | -02 16.2 | 20.7 | -0.87 | - 5.1 | 0.7/12.5  | 43262 |
| 2002 EF <sub>121</sub> | 2008 09 11.8 | 23 20.80 | -08 38.6 | 18.2 | -1.07 | + 1.1 | 1.8/10.7  | 43151 |
| 2007 HL <sub>31</sub>  | 2008 09 11.8 | 23 20.80 | -09 05.9 | 20.4 | -0.93 | - 3.6 | 1.7/10.4  | 22889 |
| 2000 WW <sub>1</sub>   | 2008 09 11.8 | 23 20.82 | -19 02.4 | 19.9 | -0.87 | - 4.5 | 4.9/06.9  | 43114 |
| 2001 UU <sub>151</sub> | 2008 09 11.8 | 23 20.83 | -02 54.9 | 19.7 | -0.93 | - 6.0 | 0.5/12.3  | 43134 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 HO <sub>30</sub>  | 2008 09 11.8 | 23 20.85 | -07 58.8 | 21.7 | -0.92 | - 5.4 | 1.3/10.7  | 21220 |
| 2002 QH <sub>78</sub>  | 2008 09 11.8 | 23 20.85 | -03 47.6 | 20.9 | -0.73 | - 4.9 | 0.1/12.0  | 43160 |
| 2005 YT <sub>240</sub> | 2008 09 11.8 | 23 20.86 | -06 45.8 | 18.8 | -0.88 | - 2.7 | 1.2/11.1  | 43249 |
| 2006 BW <sub>270</sub> | 2008 09 11.8 | 23 20.88 | +05 54.7 | 19.9 | -0.81 | - 5.7 | 3.2/15.3  | 01305 |
| 2007 EN <sub>38</sub>  | 2008 09 11.8 | 23 20.90 | -02 17.5 | 20.4 | -0.70 | - 9.6 | 0.6/13.0  | 43275 |
| 2007 JS <sub>23</sub>  | 2008 09 11.8 | 23 20.96 | -24 47.5 | 19.1 | -0.92 | - 3.1 | 7.2/05.1  | 43283 |
| 2007 HX <sub>36</sub>  | 2008 09 11.8 | 23 21.00 | -09 34.7 | 21.1 | -0.90 | - 4.4 | 1.7/10.2  | 20876 |
| 2001 SL <sub>100</sub> | 2008 09 11.8 | 23 21.02 | +00 05.6 | 19.2 | -0.86 | - 5.4 | 2.0/13.3  | 43127 |
| 2003 WW <sub>39</sub>  | 2008 09 11.8 | 23 21.03 | +06 05.6 | 19.0 | -0.74 | - 4.0 | 3.1/15.3  | 43193 |
| 1999 VQ <sub>172</sub> | 2008 09 11.8 | 23 21.03 | -32 06.4 | 18.2 | -0.89 | - 0.4 | 11.9/02.4 | 43101 |
| 2001 EH <sub>24</sub>  | 2008 09 11.8 | 23 21.04 | +04 33.1 | 20.4 | -0.82 | - 2.9 | 2.4/14.6  | 00015 |
| 2003 QV <sub>10</sub>  | 2008 09 11.8 | 23 21.22 | +14 54.6 | 19.6 | -2.58 | +18.9 | 11.1/13.0 | 42639 |
| 2006 BK <sub>169</sub> | 2008 09 11.9 | 23 21.01 | -04 57.7 | 19.9 | -0.81 | - 5.1 | 0.3/11.7  | 02280 |
| 2002 GJ <sub>58</sub>  | 2008 09 11.9 | 23 21.01 | +07 55.0 | 20.4 | -0.87 | - 3.5 | 3.7/15.7  | 94734 |
| 2006 AF <sub>85</sub>  | 2008 09 11.9 | 23 21.03 | -13 40.0 | 19.5 | -0.69 | - 9.3 | 2.5/08.3  | 43252 |
| 2000 YS <sub>60</sub>  | 2008 09 11.9 | 23 21.04 | +12 43.3 | 19.3 | -0.90 | - 2.7 | 5.8/17.1  | 43117 |
| 2003 UQ <sub>184</sub> | 2008 09 11.9 | 23 21.04 | -11 39.5 | 19.1 | -0.72 | - 6.1 | 2.6/09.3  | 43190 |
| 2001 DX <sub>22</sub>  | 2008 09 11.9 | 23 21.07 | -08 20.1 | 21.6 | -0.74 | - 4.8 | 1.1/10.5  | 02029 |
| 2005 AS <sub>19</sub>  | 2008 09 11.9 | 23 21.08 | +08 39.7 | 19.7 | -0.80 | - 2.6 | 3.6/16.0  | 43228 |
| 2003 UB <sub>205</sub> | 2008 09 11.9 | 23 21.09 | -07 23.6 | 19.1 | -0.89 | - 1.4 | 1.1/11.0  | 43190 |
| 2006 BW <sub>169</sub> | 2008 09 11.9 | 23 21.10 | -05 23.8 | 20.6 | -0.67 | - 7.6 | 0.3/11.5  | 43256 |
| 2003 CJ <sub>20</sub>  | 2008 09 11.9 | 23 21.13 | -15 57.3 | 20.0 | -0.95 | - 7.0 | 4.5/08.0  | 19592 |
| 2002 GJ <sub>69</sub>  | 2008 09 11.9 | 23 21.15 | -08 27.5 | 21.0 | -0.87 | - 4.2 | 1.3/10.6  | 94738 |
| 2005 WP <sub>59</sub>  | 2008 09 11.9 | 23 21.17 | -09 50.0 | 21.2 | -0.94 | - 6.2 | 2.0/10.1  | 11150 |
| 2002 NR <sub>58</sub>  | 2008 09 11.9 | 23 21.21 | -05 55.7 | 18.5 | -0.65 | - 8.5 | 0.6/11.3  | 43156 |
| 2001 SC <sub>218</sub> | 2008 09 11.9 | 23 21.24 | -21 09.1 | 20.1 | -1.34 | + 2.0 | 6.2/08.2  | 19545 |
| 2006 DZ <sub>130</sub> | 2008 09 11.9 | 23 21.26 | -13 08.8 | 19.7 | -0.84 | - 4.4 | 3.2/09.0  | 43262 |
| 2005 YK <sub>38</sub>  | 2008 09 11.9 | 23 21.27 | -16 46.7 | 19.3 | -1.02 | - 2.9 | 5.0/08.2  | 43247 |
| 2002 EX <sub>5</sub>   | 2008 09 11.9 | 23 21.27 | -08 55.1 | 19.9 | -0.46 | - 3.9 | 0.8/10.2  | 41780 |
| 2003 OG <sub>29</sub>  | 2008 09 11.9 | 23 21.30 | -05 14.1 | 19.7 | -0.83 | - 4.1 | 0.4/11.6  | 43173 |
| 2004 TG <sub>73</sub>  | 2008 09 11.9 | 23 21.33 | -14 54.7 | 19.5 | -0.93 | - 2.4 | 3.7/08.8  | 43215 |
| 2007 HK <sub>44</sub>  | 2008 09 11.9 | 23 21.34 | +01 51.5 | 20.5 | -0.76 | - 5.0 | 1.8/14.0  | 43282 |
| 2003 UJ <sub>221</sub> | 2008 09 11.9 | 23 21.40 | -12 44.6 | 20.1 | -0.81 | - 2.4 | 2.5/09.3  | 00642 |
| 2007 EF <sub>25</sub>  | 2008 09 12.0 | 23 21.42 | -05 17.5 | 20.5 | -0.94 | - 5.4 | 0.4/11.7  | 43275 |
| 2004 TA <sub>182</sub> | 2008 09 12.0 | 23 21.43 | -17 23.5 | 20.0 | -1.07 | - 1.5 | 4.8/08.2  | 09079 |
| 2002 EF <sub>6</sub>   | 2008 09 12.0 | 23 21.44 | -21 48.8 | 20.0 | -0.79 | -12.2 | 5.3/05.0  | 20277 |
| 2003 SK <sub>149</sub> | 2008 09 12.0 | 23 21.45 | -12 02.3 | 18.9 | -0.85 | - 2.5 | 2.8/09.6  | 43179 |
| 2008 QH <sub>22</sub>  | 2008 09 12.0 | 23 21.46 | +10 21.6 | 18.8 | -0.95 | - 1.2 | 5.7/16.3  | 43004 |
| 2008 QF <sub>10</sub>  | 2008 09 12.0 | 23 21.50 | -03 01.6 | 18.7 | -0.85 | - 3.2 | 0.6/12.4  | 42999 |
| 2006 BD <sub>250</sub> | 2008 09 12.0 | 23 21.52 | -06 29.7 | 21.1 | -0.76 | - 5.5 | 0.7/11.2  | 97136 |
| 2006 BC <sub>133</sub> | 2008 09 12.0 | 23 21.53 | -03 36.4 | 19.6 | -0.77 | - 6.8 | 0.2/12.2  | 43255 |
| 2004 LJ <sub>8</sub>   | 2008 09 12.0 | 23 21.55 | -16 00.1 | 18.9 | -0.89 | - 5.5 | 5.1/08.2  | 43201 |
| 2000 TH <sub>67</sub>  | 2008 09 12.0 | 23 21.59 | -21 11.3 | 19.5 | -1.07 | - 0.9 | 6.8/07.1  | 84621 |
| 2002 QA <sub>88</sub>  | 2008 09 12.0 | 23 21.62 | -07 27.6 | 20.1 | -0.67 | - 6.8 | 0.9/10.9  | 43160 |
| 2006 GE <sub>38</sub>  | 2008 09 12.0 | 23 21.63 | -31 20.7 | 19.8 | -0.90 | - 1.4 | 7.4/03.2  | 01588 |
| 2007 JQ <sub>4</sub>   | 2008 09 12.0 | 23 21.64 | +00 10.5 | 20.9 | -0.86 | - 7.2 | 1.5/13.5  | 43283 |
| 2006 BR <sub>193</sub> | 2008 09 12.0 | 23 21.66 | -08 25.9 | 18.9 | -0.74 | - 8.9 | 1.6/10.5  | 43256 |
| 2001 XP <sub>54</sub>  | 2008 09 12.0 | 23 21.67 | -08 41.1 | 20.3 | -0.93 | - 5.8 | 1.7/10.6  | 94332 |
| 2006 GF <sub>21</sub>  | 2008 09 12.0 | 23 21.68 | -00 39.6 | 20.6 | -0.84 | - 6.7 | 1.1/13.0  | 43266 |
| 1999 VO <sub>220</sub> | 2008 09 12.0 | 23 21.69 | +15 55.1 | 18.7 | -0.79 | - 5.2 | 7.0/19.2  | 43101 |
| 2007 EF <sub>181</sub> | 2008 09 12.0 | 23 21.71 | -02 29.8 | 21.3 | -0.91 | - 5.6 | 0.5/12.6  | 17848 |

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|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2004 RJ <sub>281</sub> | 2008 09 12.0 | 23 21.71 | -02 36.2 | 20.0 | -0.89 | - 5.1 | 0.6/12.6  | 43211 |
| 2000 WA <sub>94</sub>  | 2008 09 12.0 | 23 21.73 | +20 54.3 | 18.6 | -0.80 | - 4.8 | 10.1/21.5 | 43114 |
| 2004 RS <sub>343</sub> | 2008 09 12.0 | 23 21.75 | -29 57.6 | 19.7 | -0.92 | - 3.8 | 9.4/03.0  | 43212 |
| 2006 HU <sub>51</sub>  | 2008 09 12.0 | 23 21.76 | +09 42.0 | 21.3 | -0.69 | - 4.6 | 3.2/16.9  | 21359 |
| 2005 UE <sub>29</sub>  | 2008 09 12.0 | 23 21.76 | +04 37.7 | 18.8 | -0.77 | - 8.1 | 4.4/15.3  | 43236 |
| 1998 SF <sub>47</sub>  | 2008 09 12.0 | 23 21.79 | -09 02.9 | 19.4 | -0.98 | - 4.0 | 2.3/10.6  | 43095 |
| 2006 AT <sub>7</sub>   | 2008 09 12.1 | 23 21.71 | -37 37.0 | 20.5 | -1.12 | - 0.3 | 9.6/01.3  | 01201 |
| 2000 HQ <sub>43</sub>  | 2008 09 12.1 | 23 21.74 | -03 04.0 | 21.0 | -0.93 | - 6.2 | 0.4/12.4  | 43106 |
| 2006 DF <sub>47</sub>  | 2008 09 12.1 | 23 21.75 | -11 35.1 | 19.6 | -0.68 | - 8.5 | 2.3/09.3  | 41845 |
| 2004 TS <sub>278</sub> | 2008 09 12.1 | 23 21.75 | -12 44.5 | 19.6 | -0.83 | - 4.7 | 2.8/09.3  | 43219 |
| 2006 YF <sub>11</sub>  | 2008 09 12.1 | 23 21.75 | +31 47.3 | 19.3 | -1.47 | + 3.5 | 17.3/22.0 | 21663 |
| 2004 TR <sub>71</sub>  | 2008 09 12.1 | 23 21.77 | -03 16.3 | 20.3 | -0.85 | - 5.4 | 0.3/12.4  | 43215 |
| 2006 DD <sub>197</sub> | 2008 09 12.1 | 23 21.82 | +08 09.3 | 19.9 | -0.72 | - 8.0 | 3.6/16.7  | 43263 |
| 2006 BV <sub>27</sub>  | 2008 09 12.1 | 23 21.83 | -07 17.6 | 20.2 | -0.81 | - 5.5 | 1.0/11.1  | 21354 |
| 2004 FQ <sub>1</sub>   | 2008 09 12.1 | 23 21.85 | -00 20.3 | 19.1 | -1.11 | - 1.9 | 1.8/13.2  | 43199 |
| 2001 XL <sub>121</sub> | 2008 09 12.1 | 23 21.90 | +02 07.5 | 19.6 | -0.88 | - 6.8 | 2.4/14.2  | 43139 |
| 2007 DS <sub>90</sub>  | 2008 09 12.1 | 23 21.95 | -08 22.1 | 20.1 | -0.92 | - 6.5 | 1.6/10.8  | 22878 |
| 2004 QQ <sub>21</sub>  | 2008 09 12.1 | 23 21.96 | -04 21.4 | 18.6 | -0.98 | - 1.6 | 0.1/12.1  | 43206 |
| 2004 LY <sub>23</sub>  | 2008 09 12.1 | 23 21.96 | +38 28.4 | 18.3 | -0.84 | - 4.4 | 17.6/03.0 | 43202 |
| 2000 ET <sub>98</sub>  | 2008 09 12.1 | 23 22.01 | -03 07.4 | 21.7 | -0.94 | - 6.8 | 0.3/12.5  | 22375 |
| 2007 MX <sub>16</sub>  | 2008 09 12.1 | 23 22.02 | -06 57.6 | 19.4 | -0.68 | - 9.0 | 0.9/11.1  | 43285 |
| 2003 UV <sub>276</sub> | 2008 09 12.1 | 23 22.02 | +03 39.6 | 19.3 | -0.78 | - 4.6 | 2.7/14.7  | 43191 |
| 1999 TF <sub>313</sub> | 2008 09 12.1 | 23 22.02 | -02 40.8 | 20.2 | -0.80 | - 5.5 | 0.5/12.6  | 43100 |
| 2003 UE <sub>316</sub> | 2008 09 12.1 | 23 22.02 | -05 51.1 | 19.7 | -0.75 | - 4.8 | 0.7/11.6  | 42677 |
| 2003 YR <sub>140</sub> | 2008 09 12.1 | 23 22.05 | +01 00.1 | 17.8 | -0.90 | + 0.1 | 2.1/13.6  | 43197 |
| 2003 SQ <sub>422</sub> | 2008 09 12.1 | 23 22.05 | -01 47.7 | 19.8 | -0.82 | - 2.8 | 0.7/12.9  | 43184 |
| 2005 YK <sub>24</sub>  | 2008 09 12.1 | 23 22.06 | -17 18.7 | 20.8 | -0.90 | - 6.8 | 4.6/07.6  | 02263 |
| 2003 FE <sub>40</sub>  | 2008 09 12.1 | 23 22.10 | +00 26.0 | 19.3 | -0.85 | - 6.9 | 1.7/13.7  | 43169 |
| 2007 EE <sub>59</sub>  | 2008 09 12.1 | 23 22.13 | -05 02.6 | 20.7 | -0.97 | - 7.4 | 0.4/11.9  | 43275 |
| 2001 QB <sub>68</sub>  | 2008 09 12.1 | 23 22.13 | -16 17.6 | 19.6 | -0.96 | - 6.3 | 4.2/08.1  | 43122 |
| 2005 YX <sub>132</sub> | 2008 09 12.2 | 23 22.08 | -15 10.4 | 20.4 | -0.88 | - 4.8 | 3.7/08.6  | 20832 |
| 2005 WJ <sub>180</sub> | 2008 09 12.2 | 23 22.08 | +00 37.8 | 19.6 | -0.92 | - 7.4 | 2.0/13.8  | 43245 |
| 2001 ST <sub>323</sub> | 2008 09 12.2 | 23 22.15 | -12 47.7 | 18.7 | -0.88 | - 7.7 | 3.6/09.2  | 43129 |
| 2005 TK <sub>131</sub> | 2008 09 12.2 | 23 22.18 | -10 39.0 | 20.4 | -1.02 | - 5.1 | 3.0/10.2  | 97864 |
| 2004 XT <sub>57</sub>  | 2008 09 12.2 | 23 22.25 | -02 59.5 | 19.7 | -0.77 | - 5.5 | 0.4/12.6  | 43225 |
| 2005 YT <sub>241</sub> | 2008 09 12.2 | 23 22.30 | -13 08.0 | 21.0 | -0.89 | - 4.8 | 3.2/09.4  | 20476 |
| 2005 XK <sub>38</sub>  | 2008 09 12.2 | 23 22.31 | -05 25.9 | 20.0 | -0.81 | - 6.0 | 0.4/11.8  | 43245 |
| 2001 TH <sub>16</sub>  | 2008 09 12.2 | 23 22.33 | -15 21.8 | 18.7 | -0.88 | - 8.3 | 4.9/08.2  | 43130 |
| 2002 CW <sub>215</sub> | 2008 09 12.2 | 23 22.34 | -04 16.6 | 19.4 | -0.91 | - 2.8 | 0.1/12.2  | 43148 |
| 2007 FX <sub>31</sub>  | 2008 09 12.2 | 23 22.34 | -02 54.3 | 21.2 | -0.95 | - 5.9 | 0.4/12.6  | 22885 |
| 2003 TK <sub>38</sub>  | 2008 09 12.2 | 23 22.38 | +11 26.1 | 20.5 | -0.71 | - 6.0 | 4.6/17.9  | 69564 |
| 2007 HG <sub>12</sub>  | 2008 09 12.2 | 23 22.39 | -07 04.0 | 20.3 | -0.90 | - 4.2 | 1.1/11.3  | 20631 |
| 2003 UP <sub>29</sub>  | 2008 09 12.2 | 23 22.41 | -14 30.0 | 19.9 | -0.81 | - 3.1 | 3.2/08.9  | 00602 |
| 2003 BB <sub>74</sub>  | 2008 09 12.2 | 23 22.44 | -16 43.8 | 21.0 | -0.99 | - 5.6 | 4.7/08.2  | 20774 |
| 2007 EH <sub>29</sub>  | 2008 09 12.2 | 23 22.45 | -03 25.0 | 19.2 | -0.97 | - 2.2 | 0.2/12.5  | 42874 |
| 2002 FR <sub>16</sub>  | 2008 09 12.2 | 23 22.45 | -13 07.1 | 20.2 | -0.78 | - 7.1 | 2.6/09.1  | 43152 |
| 2005 XR <sub>16</sub>  | 2008 09 12.2 | 23 22.45 | -11 19.3 | 20.8 | -0.93 | - 6.5 | 3.1/09.9  | 96607 |
| 1999 TB <sub>254</sub> | 2008 09 12.2 | 23 22.47 | -04 06.2 | 19.9 | -0.85 | - 3.9 | 0.0/12.3  | 43099 |
| 2005 VN <sub>54</sub>  | 2008 09 12.2 | 23 22.47 | -16 53.3 | 19.8 | -0.98 | - 5.5 | 4.8/08.1  | 20823 |
| 2004 XB <sub>98</sub>  | 2008 09 12.2 | 23 22.48 | -08 48.1 | 20.7 | -0.75 | - 4.5 | 1.3/10.7  | 02232 |
| 2003 TC <sub>17</sub>  | 2008 09 12.2 | 23 22.50 | -18 28.0 | 19.0 | -0.85 | - 2.2 | 4.8/07.8  | 41799 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 1999 VG <sub>4</sub>   | 2008 09 12.3 | 23 22.43 | -04 41.7 | 18.1 | -0.71 | - 8.0 | 0.3/12.1  | 43100 |
| 2004 ST <sub>51</sub>  | 2008 09 12.3 | 23 22.45 | -18 13.8 | 18.8 | -0.92 | - 1.3 | 6.3/08.2  | 43214 |
| 2002 EM <sub>21</sub>  | 2008 09 12.3 | 23 22.47 | -10 24.5 | 21.4 | -0.82 | - 4.9 | 1.8/10.2  | 10864 |
| 2005 CK <sub>9</sub>   | 2008 09 12.3 | 23 22.47 | -20 27.8 | 21.0 | -0.69 | - 6.9 | 4.2/06.1  | 77809 |
| 2000 UF <sub>73</sub>  | 2008 09 12.3 | 23 22.48 | -10 20.6 | 18.9 | -0.95 | - 1.2 | 3.0/10.5  | 43113 |
| 2006 DC <sub>26</sub>  | 2008 09 12.3 | 23 22.49 | -06 44.4 | 20.3 | -0.81 | - 7.4 | 1.0/11.4  | 43259 |
| 2003 FU <sub>88</sub>  | 2008 09 12.3 | 23 22.50 | +12 32.2 | 18.3 | -0.76 | - 9.2 | 6.4/18.8  | 43170 |
| 2007 HJ <sub>6</sub>   | 2008 09 12.3 | 23 22.50 | -08 35.2 | 21.0 | -0.95 | - 5.1 | 1.6/10.9  | 26275 |
| 2006 DF <sub>90</sub>  | 2008 09 12.3 | 23 22.53 | -03 55.1 | 20.2 | -0.70 | - 6.9 | 0.0/12.4  | 43261 |
| 2003 UY <sub>191</sub> | 2008 09 12.3 | 23 22.55 | +26 20.9 | 21.1 | -0.72 | - 5.4 | 7.1/23.9  | 76129 |
| 2005 WO <sub>118</sub> | 2008 09 12.3 | 23 22.58 | +27 39.4 | 20.0 | -1.24 | + 2.1 | 11.5/20.4 | 02261 |
| 2000 YJ <sub>120</sub> | 2008 09 12.3 | 23 22.59 | +06 32.9 | 18.4 | -1.04 | - 0.4 | 4.2/15.1  | 43117 |
| 2002 CM <sub>166</sub> | 2008 09 12.3 | 23 22.62 | -06 33.1 | 21.1 | -0.87 | - 4.3 | 0.7/11.5  | 97569 |
| 2003 YK <sub>111</sub> | 2008 09 12.3 | 23 22.62 | +09 59.7 | 19.0 | -0.64 | - 9.4 | 4.6/17.9  | 43197 |
| 2007 EB <sub>48</sub>  | 2008 09 12.3 | 23 22.64 | -13 49.7 | 20.0 | -0.97 | - 1.7 | 3.6/09.6  | 43275 |
| 2007 EG <sub>221</sub> | 2008 09 12.3 | 23 22.64 | -11 02.7 | 20.2 | -0.83 | - 6.0 | 2.5/10.0  | 41869 |
| 2006 DM <sub>2</sub>   | 2008 09 12.3 | 23 22.72 | -04 16.1 | 20.5 | -0.84 | - 4.8 | 0.1/12.3  | 02286 |
| 1994 AY <sub>13</sub>  | 2008 09 12.3 | 23 22.73 | -12 29.5 | 20.9 | -0.85 | - 6.1 | 2.7/09.5  | 97323 |
| 1999 VA <sub>49</sub>  | 2008 09 12.3 | 23 22.73 | +01 55.6 | 19.4 | -0.84 | - 4.1 | 2.2/14.3  | 43101 |
| 2006 DO <sub>156</sub> | 2008 09 12.3 | 23 22.75 | -05 10.1 | 20.2 | -0.95 | - 3.1 | 0.4/12.0  | 02299 |
| 2006 BT <sub>248</sub> | 2008 09 12.3 | 23 22.75 | -09 51.7 | 19.8 | -0.82 | - 7.2 | 2.3/10.3  | 43257 |
| 2000 WY <sub>50</sub>  | 2008 09 12.3 | 23 22.75 | +31 04.7 | 20.5 | -0.81 | - 4.7 | 7.7/26.1  | 04142 |
| 2007 HL <sub>65</sub>  | 2008 09 12.3 | 23 22.76 | -02 45.1 | 18.8 | -0.76 | - 9.9 | 0.4/12.8  | 43282 |
| 2001 RW <sub>104</sub> | 2008 09 12.3 | 23 22.78 | -04 28.4 | 19.6 | -1.07 | - 2.4 | 0.2/12.2  | 43125 |
| 2005 YT <sub>131</sub> | 2008 09 12.3 | 23 22.78 | -19 32.0 | 20.3 | -0.75 | - 6.8 | 4.9/06.8  | 20831 |
| 2000 CL <sub>141</sub> | 2008 09 12.3 | 23 22.79 | +04 03.8 | 20.0 | -0.79 | - 3.1 | 2.4/15.0  | 31764 |
| 2001 TC <sub>255</sub> | 2008 09 12.3 | 23 22.79 | -19 55.2 | 21.3 | -0.61 | - 2.9 | 3.2/06.9  | 21768 |
| 2006 BJ <sub>54</sub>  | 2008 09 12.3 | 23 22.80 | -08 28.6 | 20.4 | -0.72 | - 6.9 | 1.3/10.8  | 03843 |
| 2006 BH <sub>110</sub> | 2008 09 12.3 | 23 22.81 | -08 37.4 | 20.0 | -0.84 | - 4.9 | 1.6/10.9  | 43254 |
| 2004 FO <sub>140</sub> | 2008 09 12.3 | 23 22.87 | -00 21.8 | 19.1 | -1.04 | - 4.7 | 1.6/13.5  | 43200 |
| 2003 HP <sub>1</sub>   | 2008 09 12.4 | 23 22.83 | -08 04.2 | 19.6 | -0.84 | - 6.9 | 1.4/11.0  | 43171 |
| 2007 EP <sub>110</sub> | 2008 09 12.4 | 23 22.88 | -14 57.6 | 20.4 | -0.95 | - 3.1 | 4.0/09.1  | 41866 |
| 2004 TM <sub>91</sub>  | 2008 09 12.4 | 23 22.89 | -05 20.5 | 20.8 | -0.84 | - 4.1 | 0.4/12.0  | 43216 |
| 2003 UY <sub>152</sub> | 2008 09 12.4 | 23 22.90 | +01 35.3 | 18.3 | -0.70 | - 5.0 | 2.3/14.3  | 43189 |
| 2007 FO <sub>22</sub>  | 2008 09 12.4 | 23 22.92 | -09 46.6 | 21.3 | -1.01 | - 4.0 | 2.2/10.7  | 20859 |
| 2005 SA <sub>48</sub>  | 2008 09 12.4 | 23 22.95 | -01 44.4 | 20.1 | -1.02 | - 5.4 | 0.9/13.1  | 43233 |
| 2007 EB <sub>9</sub>   | 2008 09 12.4 | 23 22.99 | -07 03.8 | 20.9 | -1.01 | - 4.1 | 1.2/11.5  | 19709 |
| 2002 TN <sub>115</sub> | 2008 09 12.4 | 23 22.99 | +04 10.2 | 19.0 | -0.77 | - 2.3 | 2.5/15.0  | 87551 |
| 2002 BY <sub>15</sub>  | 2008 09 12.4 | 23 23.01 | +00 35.2 | 20.8 | -0.85 | - 5.1 | 1.4/13.9  | 43145 |
| 2006 BB <sub>120</sub> | 2008 09 12.4 | 23 23.04 | -00 42.1 | 19.5 | -0.75 | - 5.4 | 1.1/13.6  | 43254 |
| 2006 FQ <sub>40</sub>  | 2008 09 12.4 | 23 23.04 | -07 30.9 | 19.8 | -0.73 | - 6.1 | 1.2/11.2  | 43266 |
| 2004 RC <sub>198</sub> | 2008 09 12.4 | 23 23.07 | +04 26.0 | 19.5 | -0.88 | - 4.2 | 3.4/15.2  | 43210 |
| 2003 UY <sub>59</sub>  | 2008 09 12.4 | 23 23.08 | +17 10.2 | 19.6 | -0.80 | - 2.5 | 8.0/19.6  | 43186 |
| 2003 UA <sub>184</sub> | 2008 09 12.4 | 23 23.10 | -13 24.1 | 19.1 | -0.83 | - 3.5 | 3.4/09.4  | 42672 |
| 2005 CH                | 2008 09 12.4 | 23 23.16 | -12 57.8 | 20.2 | -0.74 | - 4.6 | 2.5/09.4  | 02241 |
| 2004 VH <sub>14</sub>  | 2008 09 12.4 | 23 23.21 | -02 46.7 | 18.9 | -0.75 | - 7.1 | 0.5/12.9  | 42728 |
| 2002 AC <sub>11</sub>  | 2008 09 12.4 | 23 23.21 | -16 50.9 | 20.1 | -0.86 | - 6.7 | 4.1/08.0  | 94467 |
| 2000 DT <sub>92</sub>  | 2008 09 12.4 | 23 23.23 | -03 57.8 | 19.8 | -0.93 | - 7.5 | 0.0/12.5  | 43104 |
| 2001 US <sub>23</sub>  | 2008 09 12.5 | 23 23.15 | +08 41.3 | 18.7 | -0.94 | - 3.5 | 5.7/16.4  | 43133 |
| 2006 BK <sub>46</sub>  | 2008 09 12.5 | 23 23.15 | -08 11.9 | 19.2 | -0.75 | - 7.5 | 1.6/11.0  | 43253 |
| 2005 EL <sub>97</sub>  | 2008 09 12.5 | 23 23.17 | +16 18.5 | 19.5 | -0.89 | - 0.4 | 5.7/18.5  | 42743 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2001 TK <sub>151</sub> | 2008 09 12.5 | 23 23.21 | -18 51.9 | 18.2 | -0.85 | - 4.6 | 7.1/07.5  | 41771 |
| 2007 EQ <sub>160</sub> | 2008 09 12.5 | 23 23.21 | +06 59.6 | 21.0 | -0.86 | - 8.6 | 3.7/16.5  | 21199 |
| 2001 SJ <sub>314</sub> | 2008 09 12.5 | 23 23.22 | +02 54.2 | 18.7 | -1.00 | - 3.2 | 2.7/14.5  | 21306 |
| 2004 VS <sub>23</sub>  | 2008 09 12.5 | 23 23.24 | +16 23.1 | 19.1 | -0.77 | - 6.2 | 7.5/20.1  | 43222 |
| 2002 CF <sub>77</sub>  | 2008 09 12.5 | 23 23.25 | +26 13.4 | 21.1 | -1.21 | + 1.7 | 9.3/20.8  | 94591 |
| 2001 UC <sub>148</sub> | 2008 09 12.5 | 23 23.27 | +00 17.5 | 19.1 | -0.62 | - 7.0 | 2.2/14.1  | 42599 |
| 2006 JY <sub>8</sub>   | 2008 09 12.5 | 23 23.28 | -02 07.1 | 20.8 | -0.60 | - 3.6 | 0.4/13.2  | 43268 |
| 2005 WQ <sub>150</sub> | 2008 09 12.5 | 23 23.29 | -09 58.1 | 17.7 | -0.89 | - 1.2 | 3.2/10.8  | 98009 |
| 2002 PP <sub>40</sub>  | 2008 09 12.5 | 23 23.29 | +30 40.2 | 18.7 | -0.72 | - 5.6 | 10.6/27.2 | 41783 |
| 2001 TU <sub>48</sub>  | 2008 09 12.5 | 23 23.35 | +25 06.4 | 20.6 | -0.86 | -10.3 | 10.0/24.2 | 46717 |
| 2007 EY <sub>75</sub>  | 2008 09 12.5 | 23 23.37 | -04 43.6 | 21.1 | -0.95 | - 5.5 | 0.3/12.3  | 43276 |
| 2006 FM <sub>10</sub>  | 2008 09 12.5 | 23 23.37 | -13 05.7 | 20.7 | -0.71 | - 6.2 | 2.4/09.3  | 03881 |
| 2006 DU <sub>123</sub> | 2008 09 12.5 | 23 23.41 | -03 29.5 | 20.9 | -0.69 | - 5.8 | 0.1/12.7  | 42805 |
| 2000 TH <sub>60</sub>  | 2008 09 12.5 | 23 23.41 | -30 11.8 | 18.7 | -0.92 | - 4.0 | 10.6/02.9 | 43112 |
| 2004 TU <sub>201</sub> | 2008 09 12.5 | 23 23.42 | -05 17.2 | 20.2 | -0.85 | - 3.8 | 0.5/12.1  | 43218 |
| 2004 VK <sub>72</sub>  | 2008 09 12.5 | 23 23.43 | -14 59.4 | 18.5 | -0.82 | - 4.6 | 4.2/08.9  | 43223 |
| 2004 TN <sub>166</sub> | 2008 09 12.5 | 23 23.44 | -03 52.5 | 20.3 | -0.90 | - 3.9 | 0.0/12.6  | 43217 |
| 2004 TP <sub>69</sub>  | 2008 09 12.5 | 23 23.47 | -11 16.3 | 18.8 | -0.85 | - 5.8 | 2.8/10.1  | 43215 |
| 2005 YE <sub>111</sub> | 2008 09 12.5 | 23 23.49 | +00 21.8 | 20.8 | -0.89 | - 6.3 | 1.7/14.0  | 43248 |
| 2000 WA <sub>157</sub> | 2008 09 12.5 | 23 23.51 | -22 02.1 | 20.4 | -0.90 | - 3.5 | 5.3/06.7  | 02020 |
| 2003 WS <sub>31</sub>  | 2008 09 12.5 | 23 23.52 | +11 17.8 | 19.5 | -0.72 | - 5.5 | 4.9/18.1  | 43193 |
| 2003 UN <sub>240</sub> | 2008 09 12.5 | 23 23.56 | -02 51.6 | 18.8 | -0.80 | - 2.8 | 0.4/13.0  | 43191 |
| 2007 JH                | 2008 09 12.5 | 23 23.56 | +01 02.2 | 19.7 | -0.74 | -12.3 | 1.8/14.5  | 43283 |
| 2003 UP <sub>135</sub> | 2008 09 12.5 | 23 23.57 | +09 17.1 | 19.3 | -0.76 | - 3.6 | 4.1/17.0  | 43188 |
| 2007 EV <sub>193</sub> | 2008 09 12.5 | 23 23.57 | -07 53.5 | 21.5 | -0.92 | - 3.2 | 1.3/11.4  | 19722 |
| 2000 YB <sub>83</sub>  | 2008 09 12.5 | 23 23.58 | +18 17.9 | 19.4 | -0.85 | - 4.4 | 7.4/20.3  | 43117 |
| 2007 EJ <sub>171</sub> | 2008 09 12.6 | 23 23.51 | -17 17.3 | 19.8 | -0.88 | - 6.0 | 5.3/08.1  | 43277 |
| 2005 VO <sub>125</sub> | 2008 09 12.6 | 23 23.55 | -28 00.7 | 20.5 | -0.92 | - 4.5 | 7.6/04.6  | 21350 |
| 2005 YM <sub>26</sub>  | 2008 09 12.6 | 23 23.56 | -19 30.0 | 20.4 | -0.83 | - 5.4 | 4.9/07.3  | 22805 |
| 2001 FT <sub>125</sub> | 2008 09 12.6 | 23 23.56 | -03 53.1 | 20.5 | -0.76 | - 5.6 | 0.0/12.6  | 43120 |
| 2005 VH <sub>114</sub> | 2008 09 12.6 | 23 23.57 | +04 00.6 | 19.5 | -0.93 | - 6.6 | 3.0/15.2  | 20824 |
| 2000 XD <sub>14</sub>  | 2008 09 12.6 | 23 23.58 | -09 39.0 | 20.1 | -0.84 | - 5.5 | 2.0/10.7  | 43115 |
| 2006 BJ <sub>210</sub> | 2008 09 12.6 | 23 23.59 | +06 17.5 | 20.8 | -0.82 | - 3.3 | 2.9/15.9  | 21854 |
| 1997 SH <sub>21</sub>  | 2008 09 12.6 | 23 23.59 | -02 35.9 | 20.0 | -0.93 | - 5.7 | 0.5/13.0  | 43093 |
| 2004 KS <sub>1</sub>   | 2008 09 12.6 | 23 23.62 | -12 03.9 | 20.0 | -0.51 | - 2.7 | 1.5/09.8  | 43201 |
| 2000 WJ <sub>102</sub> | 2008 09 12.6 | 23 23.64 | +00 23.3 | 18.6 | -0.93 | -13.0 | 1.9/14.2  | 43114 |
| 2001 LU                | 2008 09 12.6 | 23 23.65 | -24 14.7 | 20.5 | -0.73 | - 5.0 | 5.9/05.4  | 21304 |
| 2001 TN <sub>85</sub>  | 2008 09 12.6 | 23 23.66 | +03 07.3 | 19.4 | -0.98 | - 4.7 | 3.0/14.8  | 43131 |
| 2005 UE <sub>283</sub> | 2008 09 12.6 | 23 23.70 | -17 47.2 | 20.6 | -1.06 | - 4.3 | 5.5/08.4  | 26082 |
| 2005 YX <sub>46</sub>  | 2008 09 12.6 | 23 23.70 | -14 35.3 | 19.6 | -0.89 | - 7.0 | 4.7/08.9  | 96712 |
| 2004 HU <sub>25</sub>  | 2008 09 12.6 | 23 23.75 | -17 50.0 | 19.5 | -1.03 | - 3.3 | 6.1/08.6  | 97707 |
| 2003 TU <sub>54</sub>  | 2008 09 12.6 | 23 23.76 | -17 04.7 | 20.3 | -0.79 | - 3.7 | 4.0/08.4  | 20787 |
| 1996 HT <sub>4</sub>   | 2008 09 12.6 | 23 23.78 | -16 56.6 | 19.5 | -1.00 | - 3.8 | 5.6/08.6  | 41748 |
| 2005 UJ <sub>360</sub> | 2008 09 12.6 | 23 23.79 | -11 24.5 | 20.1 | -0.73 | - 5.5 | 2.1/10.1  | 96287 |
| 2006 BV <sub>217</sub> | 2008 09 12.6 | 23 23.82 | +12 08.9 | 19.7 | -0.90 | - 2.3 | 5.1/17.6  | 43256 |
| 2006 BM <sub>158</sub> | 2008 09 12.6 | 23 23.82 | -05 06.6 | 21.3 | -0.73 | - 5.7 | 0.4/12.3  | 43255 |
| 1998 WP <sub>37</sub>  | 2008 09 12.6 | 23 23.84 | -16 27.6 | 20.6 | -0.50 | - 2.6 | 2.2/08.2  | 66079 |
| 2005 WO <sub>177</sub> | 2008 09 12.6 | 23 23.86 | +18 18.9 | 20.3 | -0.91 | - 3.7 | 7.1/20.3  | 96570 |
| 2005 YF <sub>172</sub> | 2008 09 12.6 | 23 23.89 | -29 08.9 | 20.0 | -1.00 | - 2.6 | 8.6/04.4  | 96815 |
| 2002 CY <sub>233</sub> | 2008 09 12.6 | 23 23.93 | +04 24.0 | 20.3 | -0.84 | - 5.2 | 2.6/15.4  | 17998 |
| 2003 UA <sub>415</sub> | 2008 09 12.7 | 23 23.86 | -15 36.0 | 21.6 | -0.70 | - 5.1 | 3.0/08.6  | 41133 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 DT <sub>173</sub> | 2008 09 12.7 | 23 23.88 | -08 22.2 | 19.3 | -1.00 | - 0.4 | 1.8/11.5  | 43263 |
| 2006 DU <sub>95</sub>  | 2008 09 12.7 | 23 23.89 | -09 12.4 | 19.2 | -1.06 | - 0.9 | 2.1/11.3  | 01397 |
| 2002 PZ <sub>103</sub> | 2008 09 12.7 | 23 23.90 | +11 40.9 | 19.5 | -0.75 | - 3.6 | 4.5/17.9  | 43158 |
| 2005 WW <sub>45</sub>  | 2008 09 12.7 | 23 23.90 | -19 21.2 | 18.8 | -0.94 | - 3.7 | 7.7/07.6  | 41833 |
| 2002 CN <sub>228</sub> | 2008 09 12.7 | 23 23.99 | +06 04.8 | 19.2 | -0.47 | - 3.0 | 1.7/16.3  | 87531 |
| 1997 US <sub>1</sub>   | 2008 09 12.7 | 23 24.00 | +09 38.4 | 20.1 | -0.67 | - 6.6 | 3.9/17.7  | 43093 |
| 2004 TY <sub>28</sub>  | 2008 09 12.7 | 23 24.00 | -05 10.3 | 19.4 | -0.81 | - 6.0 | 0.5/12.3  | 43214 |
| 2007 ET <sub>167</sub> | 2008 09 12.7 | 23 24.02 | +00 43.9 | 21.3 | -0.91 | - 7.9 | 1.7/14.3  | 20856 |
| 2005 AA <sub>23</sub>  | 2008 09 12.7 | 23 24.03 | +16 23.4 | 19.4 | -1.05 | + 1.2 | 8.4/17.8  | 77801 |
| 2008 QD <sub>2</sub>   | 2008 09 12.7 | 23 24.04 | +00 48.4 | 18.7 | -0.83 | - 1.6 | 2.4/14.1  | 42993 |
| 2000 UE <sub>74</sub>  | 2008 09 12.7 | 23 24.04 | -12 16.4 | 19.1 | -0.88 | - 6.7 | 3.3/09.9  | 43113 |
| 2001 XL <sub>51</sub>  | 2008 09 12.7 | 23 24.10 | +00 17.8 | 19.8 | -0.87 | - 6.6 | 1.7/14.1  | 43138 |
| 2004 XV <sub>98</sub>  | 2008 09 12.7 | 23 24.10 | -00 01.7 | 18.4 | -0.82 | - 3.6 | 1.6/14.0  | 43226 |
| 2007 JO <sub>3</sub>   | 2008 09 12.7 | 23 24.11 | +03 15.5 | 19.9 | -0.78 | - 8.7 | 2.3/15.3  | 22890 |
| 2002 CN <sub>242</sub> | 2008 09 12.7 | 23 24.12 | +10 19.0 | 19.7 | -0.91 | - 2.9 | 4.6/17.2  | 43148 |
| 2006 BC <sub>114</sub> | 2008 09 12.7 | 23 24.13 | -08 01.6 | 20.2 | -0.85 | - 6.0 | 1.6/11.4  | 97066 |
| 2006 AR <sub>19</sub>  | 2008 09 12.7 | 23 24.15 | -04 01.9 | 20.9 | -0.95 | - 5.4 | 9.3/24.0  | 43250 |
| 1999 TD <sub>196</sub> | 2008 09 12.7 | 23 24.15 | +30 17.3 | 19.4 | -0.80 | - 6.3 | 10.9/26.5 | 72003 |
| 2001 TJ <sub>204</sub> | 2008 09 12.7 | 23 24.15 | -11 36.8 | 19.4 | -0.81 | - 8.1 | 3.6/10.0  | 43132 |
| 2002 CZ <sub>126</sub> | 2008 09 12.7 | 23 24.17 | -16 29.3 | 19.8 | -0.79 | - 9.4 | 4.1/08.1  | 20760 |
| 2003 UZ <sub>150</sub> | 2008 09 12.7 | 23 24.21 | -41 57.9 | 18.9 | -1.20 | + 3.7 | 12.8/02.0 | 42670 |
| 1998 SC <sub>62</sub>  | 2008 09 12.7 | 23 24.22 | +05 25.8 | 18.1 | -0.93 | 0.0   | 5.0/15.4  | 43095 |
| 2002 AH <sub>64</sub>  | 2008 09 12.7 | 23 24.22 | +03 10.8 | 20.5 | -0.91 | - 5.2 | 2.7/15.0  | 97546 |
| 2002 CS <sub>100</sub> | 2008 09 12.7 | 23 24.23 | -08 05.6 | 20.9 | -0.84 | - 6.6 | 1.3/11.3  | 94600 |
| 2005 XJ <sub>26</sub>  | 2008 09 12.7 | 23 24.23 | -07 16.2 | 20.4 | -0.91 | - 6.1 | 1.2/11.7  | 20458 |
| 2006 FA                | 2008 09 12.7 | 23 24.24 | -01 33.2 | 21.0 | -0.69 | - 6.6 | 0.6/13.6  | 02308 |
| 2003 BJ <sub>55</sub>  | 2008 09 12.7 | 23 24.24 | -09 32.3 | 20.8 | -0.93 | - 5.6 | 2.0/11.0  | 19590 |
| 2004 HV <sub>6</sub>   | 2008 09 12.7 | 23 24.24 | -19 30.1 | 20.4 | -1.06 | - 4.1 | 6.2/08.1  | 21811 |
| 2001 WC <sub>6</sub>   | 2008 09 12.7 | 23 24.26 | -22 04.3 | 20.7 | -1.05 | - 3.7 | 6.4/07.0  | 94290 |
| 2004 RT <sub>158</sub> | 2008 09 12.7 | 23 24.29 | -01 22.0 | 19.4 | -0.91 | + 1.1 | 1.3/13.4  | 42709 |
| 2002 AS <sub>184</sub> | 2008 09 12.7 | 23 24.29 | -46 37.8 | 19.9 | -1.24 | - 8.0 | 17.6/24.5 | 30628 |
| 1999 TB <sub>229</sub> | 2008 09 12.8 | 23 24.22 | +00 24.2 | 19.1 | -0.73 | - 9.0 | 1.5/14.4  | 43099 |
| 1999 TR <sub>250</sub> | 2008 09 12.8 | 23 24.24 | +13 08.6 | 19.3 | -0.76 | - 7.0 | 6.0/19.0  | 73962 |
| 2008 QP <sub>10</sub>  | 2008 09 12.8 | 23 24.25 | -02 11.5 | 19.2 | -0.94 | - 1.8 | 0.6/13.3  | 42999 |
| 2005 UD <sub>112</sub> | 2008 09 12.8 | 23 24.27 | +02 29.3 | 19.8 | -0.95 | - 5.8 | 2.8/14.8  | 43237 |
| 2005 UR <sub>445</sub> | 2008 09 12.8 | 23 24.27 | -13 19.2 | 20.9 | -0.93 | - 5.6 | 3.0/09.7  | 96323 |
| 2005 SP <sub>7</sub>   | 2008 09 12.8 | 23 24.28 | +00 25.0 | 20.2 | -0.96 | - 7.5 | 1.6/14.2  | 43233 |
| 2006 BP <sub>252</sub> | 2008 09 12.8 | 23 24.29 | +01 37.3 | 20.4 | -0.93 | - 3.8 | 2.1/14.5  | 40415 |
| 2001 TH <sub>1</sub>   | 2008 09 12.8 | 23 24.30 | -03 08.2 | 19.3 | -0.93 | - 7.4 | 10.3/24.0 | 43129 |
| 2003 NP <sub>11</sub>  | 2008 09 12.8 | 23 24.30 | +10 16.2 | 20.1 | -0.84 | - 4.7 | 4.6/17.6  | 41790 |
| 2003 UO <sub>57</sub>  | 2008 09 12.8 | 23 24.33 | +07 42.2 | 19.4 | -0.71 | - 6.9 | 4.0/17.0  | 43186 |
| 2007 LS <sub>23</sub>  | 2008 09 12.8 | 23 24.34 | -18 20.2 | 20.7 | -0.80 | - 7.4 | 4.5/07.6  | 22892 |
| 2006 BR <sub>41</sub>  | 2008 09 12.8 | 23 24.35 | -00 31.3 | 20.9 | -0.84 | - 2.8 | 1.0/13.8  | 43253 |
| 2004 JJ <sub>44</sub>  | 2008 09 12.8 | 23 24.36 | -02 16.6 | 19.8 | -0.91 | - 8.9 | 0.6/13.4  | 43201 |
| 1999 UK <sub>29</sub>  | 2008 09 12.8 | 23 24.37 | -12 33.9 | 20.1 | -0.86 | - 3.6 | 3.2/10.1  | 43100 |
| 2007 HN <sub>74</sub>  | 2008 09 12.8 | 23 24.43 | -07 24.8 | 21.2 | -0.91 | - 6.7 | 1.3/11.7  | 21691 |
| 2003 UM <sub>241</sub> | 2008 09 12.8 | 23 24.43 | -18 08.8 | 19.5 | -0.79 | - 2.8 | 3.9/08.3  | 41802 |
| 2002 PH <sub>182</sub> | 2008 09 12.8 | 23 24.44 | -09 10.0 | 20.4 | -0.70 | - 5.4 | 1.4/11.0  | 21120 |
| 2003 YC <sub>1</sub>   | 2008 09 12.8 | 23 24.45 | -53 17.2 | 19.9 | -1.53 | + 1.9 | 22.5/24.0 | 42685 |
| 2000 UN                | 2008 09 12.8 | 23 24.47 | +21 50.9 | 19.7 | -0.90 | -15.9 | 10.7/24.0 | 33884 |
| 2003 UC <sub>198</sub> | 2008 09 12.8 | 23 24.48 | -08 11.9 | 19.9 | -0.76 | - 4.9 | 1.3/11.4  | 02186 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 HQ <sub>90</sub>  | 2008 09 12.8 | 23 24.51 -06 46.8 21.6 | -0.91 - 5.3 | 1.0/11.9  | 41344 |
| 2005 XR <sub>114</sub> | 2008 09 12.8 | 23 24.51 -03 22.7 18.8 | -0.82 - 5.3 | 11.9/24.0 | 43246 |
| 2004 WT <sub>8</sub>   | 2008 09 12.8 | 23 24.52 +19 33.0 19.0 | -0.80 - 4.5 | 10.0/21.0 | 43224 |
| 2004 RG <sub>227</sub> | 2008 09 12.8 | 23 24.54 -09 37.2 20.0 | -0.96 - 1.7 | 1.9/11.2  | 43211 |
| 2007 JC <sub>1</sub>   | 2008 09 12.8 | 23 24.54 -02 38.1 20.2 | -0.88 - 9.4 | 0.5/13.3  | 43283 |
| 2003 SJ <sub>52</sub>  | 2008 09 12.8 | 23 24.56 -07 33.5 20.2 | -0.75 - 5.5 | 1.3/11.6  | 43177 |
| 2007 GH <sub>30</sub>  | 2008 09 12.8 | 23 24.56 -10 08.1 20.8 | -0.91 - 3.9 | 2.2/10.9  | 21210 |
| 2002 QG <sub>4</sub>   | 2008 09 12.8 | 23 24.57 +01 25.0 19.4 | -0.76 - 3.4 | 1.7/14.6  | 43159 |
| 1996 AN <sub>7</sub>   | 2008 09 12.8 | 23 24.57 -09 15.6 21.2 | -0.95 - 5.8 | 2.0/11.1  | 19509 |
| 1999 TJ <sub>133</sub> | 2008 09 12.8 | 23 24.62 -01 33.4 19.4 | -0.82 - 5.5 | 0.8/13.6  | 43098 |
| 2003 UK <sub>391</sub> | 2008 09 12.8 | 23 24.62 -31 35.9 21.9 | -0.85 - 2.3 | 7.1/03.2  | 41133 |
| 2002 UB <sub>11</sub>  | 2008 09 12.8 | 23 24.63 -10 07.7 19.6 | -1.08 - 4.0 | 2.8/11.0  | 21788 |
| 2004 XH <sub>119</sub> | 2008 09 12.8 | 23 24.63 +01 03.8 20.6 | -0.76 - 4.3 | 1.4/14.5  | 77795 |
| 2004 TP <sub>41</sub>  | 2008 09 12.8 | 23 24.64 +04 20.3 19.9 | -0.82 - 5.8 | 2.8/15.6  | 00796 |
| 2006 BL <sub>30</sub>  | 2008 09 12.9 | 23 24.62 +05 56.9 20.0 | -0.90 - 2.3 | 3.1/15.8  | 02272 |
| 2007 EA <sub>15</sub>  | 2008 09 12.9 | 23 24.69 -01 38.7 19.7 | -1.04 - 2.4 | 1.0/13.5  | 43274 |
| 2007 JT <sub>17</sub>  | 2008 09 12.9 | 23 24.70 -00 30.7 20.8 | -0.77 - 8.5 | 1.0/14.1  | 21880 |
| 2003 UU <sub>238</sub> | 2008 09 12.9 | 23 24.70 +01 37.2 20.3 | -0.73 - 5.9 | 1.7/14.8  | 03553 |
| 2006 AR <sub>74</sub>  | 2008 09 12.9 | 23 24.74 +13 25.8 20.3 | -0.87 - 5.0 | 5.6/18.7  | 01217 |
| 2007 HP <sub>21</sub>  | 2008 09 12.9 | 23 24.75 -00 37.6 18.9 | -0.75 - 6.8 | 1.2/14.1  | 42884 |
| 2002 CZ <sub>237</sub> | 2008 09 12.9 | 23 24.77 -03 37.0 21.1 | -0.76 - 8.2 | 7.2/03.0  | 48211 |
| 2000 DW <sub>108</sub> | 2008 09 12.9 | 23 24.79 -08 03.5 19.5 | -1.03 - 4.2 | 1.7/11.7  | 43104 |
| 2002 CZ <sub>36</sub>  | 2008 09 12.9 | 23 24.82 -01 46.7 22.0 | -0.86 - 4.6 | 0.6/13.6  | 94577 |
| 2005 WN <sub>67</sub>  | 2008 09 12.9 | 23 24.87 -00 57.9 21.6 | -0.91 - 6.3 | 1.0/13.9  | 03802 |
| 2005 YH <sub>187</sub> | 2008 09 12.9 | 23 24.90 -05 59.5 20.2 | -0.94 - 6.4 | 0.9/12.3  | 96831 |
| 2003 UM <sub>125</sub> | 2008 09 12.9 | 23 24.99 -23 43.2 19.7 | -0.82 - 3.6 | 6.1/06.2  | 43188 |
| 2004 XC <sub>102</sub> | 2008 09 12.9 | 23 25.01 -25 36.4 21.2 | -0.85 - 1.7 | 5.4/06.0  | 02233 |
| 2003 UA <sub>99</sub>  | 2008 09 13.0 | 23 24.94 +00 17.7 18.9 | -0.70 - 6.4 | 1.4/14.4  | 43187 |
| 2002 EL <sub>46</sub>  | 2008 09 13.0 | 23 24.95 +01 26.4 20.2 | -0.79 - 6.3 | 1.7/14.8  | 21314 |
| 2005 XY <sub>52</sub>  | 2008 09 13.0 | 23 24.95 +04 10.6 20.6 | -0.97 - 4.6 | 2.9/15.4  | 98025 |
| 2006 BJ <sub>59</sub>  | 2008 09 13.0 | 23 24.95 -12 08.6 21.3 | -0.69 - 6.9 | 2.2/10.0  | 98101 |
| 2004 TF <sub>5</sub>   | 2008 09 13.0 | 23 24.99 -12 16.7 19.5 | -0.87 - 3.6 | 2.9/10.4  | 43214 |
| 2004 TC <sub>19</sub>  | 2008 09 13.0 | 23 25.01 +33 57.1 18.9 | -0.71 + 6.4 | 20.9/29.0 | 74370 |
| 2003 QM <sub>48</sub>  | 2008 09 13.0 | 23 25.01 -01 31.5 19.2 | -0.78 - 5.0 | 0.8/13.8  | 43174 |
| 2004 VY <sub>53</sub>  | 2008 09 13.0 | 23 25.01 -23 14.6 18.5 | -0.84 - 4.0 | 8.1/06.2  | 42728 |
| 2002 EH <sub>157</sub> | 2008 09 13.0 | 23 25.05 +00 58.0 20.6 | -0.50 - 2.7 | 0.9/14.7  | 43151 |
| 2006 BL <sub>11</sub>  | 2008 09 13.0 | 23 25.09 +05 15.2 20.5 | -0.88 - 2.6 | 2.6/15.8  | 02271 |
| 2002 CL <sub>143</sub> | 2008 09 13.0 | 23 25.09 -11 58.7 19.8 | -0.80 - 8.2 | 2.7/10.1  | 20761 |
| 2006 GT <sub>39</sub>  | 2008 09 13.0 | 23 25.11 -30 41.5 20.2 | -0.84 - 2.3 | 7.0/03.9  | 03890 |
| 2004 TD <sub>149</sub> | 2008 09 13.0 | 23 25.11 -13 59.0 21.2 | -0.99 - 1.3 | 3.4/10.2  | 73362 |
| 2002 RS <sub>239</sub> | 2008 09 13.0 | 23 25.18 +00 49.3 20.2 | -0.71 - 4.6 | 1.3/14.6  | 97617 |
| 2003 UT <sub>75</sub>  | 2008 09 13.0 | 23 25.22 +09 00.3 19.0 | -0.75 - 5.2 | 4.3/17.5  | 42665 |
| 2004 TJ                | 2008 09 13.0 | 23 25.23 -07 31.5 19.9 | -0.94 - 2.4 | 1.6/12.0  | 11070 |
| 2004 TO <sub>236</sub> | 2008 09 13.0 | 23 25.31 -04 21.1 19.0 | -1.02 + 0.1 | 0.2/12.9  | 43218 |
| 2004 TE <sub>222</sub> | 2008 09 13.0 | 23 25.32 -00 19.3 18.1 | -0.65 -14.7 | 1.3/14.5  | 43218 |
| 1996 EH <sub>6</sub>   | 2008 09 13.0 | 23 25.35 -03 00.7 20.8 | -0.78 - 4.6 | 0.2/13.3  | 43092 |
| 2001 VQ <sub>87</sub>  | 2008 09 13.0 | 23 25.37 -18 18.8 18.3 | -0.87 - 5.9 | 7.0/07.9  | 43136 |
| 2001 EH <sub>14</sub>  | 2008 09 13.1 | 23 25.30 -22 58.5 18.9 | -0.90 - 1.2 | 5.3/07.4  | 41764 |
| 2002 AZ <sub>24</sub>  | 2008 09 13.1 | 23 25.32 -00 26.4 19.4 | -0.83 - 6.2 | 1.0/14.2  | 43143 |
| 2006 CM <sub>55</sub>  | 2008 09 13.1 | 23 25.35 -03 22.2 20.3 | -0.80 - 5.8 | 0.1/13.2  | 43258 |
| 2006 BL <sub>208</sub> | 2008 09 13.1 | 23 25.36 -00 09.2 20.4 | -0.73 - 5.3 | 1.0/14.3  | 43256 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 DE <sub>35</sub>  | 2008 09 13.1 | 23 25.37 -03 05.7 20.4 | -1.04 - 4.0 | 0.3/13.3  | 19703 |
| 2005 YE <sub>211</sub> | 2008 09 13.1 | 23 25.38 +01 58.0 20.0 | -0.97 - 2.1 | 1.8/14.7  | 43249 |
| 2004 VN <sub>12</sub>  | 2008 09 13.1 | 23 25.39 -26 58.6 19.5 | -0.89 - 4.2 | 7.6/04.9  | 77791 |
| 2000 UE <sub>111</sub> | 2008 09 13.1 | 23 25.39 -29 14.7 20.0 | -0.99 - 2.8 | 8.5/04.5  | 97412 |
| 2006 HL <sub>59</sub>  | 2008 09 13.1 | 23 25.40 +05 54.9 21.0 | -0.76 - 3.3 | 2.4/16.3  | 03901 |
| 2005 UA <sub>155</sub> | 2008 09 13.1 | 23 25.41 -01 26.2 20.7 | -0.96 - 6.3 | 1.0/13.9  | 97905 |
| 2002 CA <sub>269</sub> | 2008 09 13.1 | 23 25.42 +08 04.1 19.9 | -0.94 - 2.7 | 4.3/16.7  | 43148 |
| 2002 JG <sub>119</sub> | 2008 09 13.1 | 23 25.43 +01 29.6 20.0 | -0.72 - 9.2 | 1.5/15.1  | 02104 |
| 2005 XB <sub>35</sub>  | 2008 09 13.1 | 23 25.44 -08 03.1 20.5 | -0.94 - 6.9 | 1.7/11.7  | 96620 |
| 2005 TM <sub>29</sub>  | 2008 09 13.1 | 23 25.50 -04 43.7 17.9 | -0.81 - 9.5 | 0.5/12.8  | 43234 |
| 1999 XQ                | 2008 09 13.1 | 23 25.50 -25 24.0 20.8 | -0.74 - 5.1 | 5.4/05.3  | 01988 |
| 2007 GD <sub>58</sub>  | 2008 09 13.1 | 23 25.53 -08 59.9 20.3 | -0.81 - 6.5 | 2.0/11.4  | 21681 |
| 2006 AA <sub>24</sub>  | 2008 09 13.1 | 23 25.55 -15 33.2 20.2 | -0.77 - 6.9 | 3.7/08.9  | 96911 |
| 2004 VD <sub>29</sub>  | 2008 09 13.1 | 23 25.56 -16 06.2 20.0 | -0.86 - 4.0 | 4.1/09.2  | 74431 |
| 2000 WZ <sub>62</sub>  | 2008 09 13.1 | 23 25.58 +00 24.4 18.7 | -0.90 - 4.4 | 1.8/14.4  | 43114 |
| 2007 HM <sub>28</sub>  | 2008 09 13.1 | 23 25.59 -13 06.1 19.8 | -0.94 - 6.9 | 3.4/10.1  | 40463 |
| 2005 VH <sub>73</sub>  | 2008 09 13.1 | 23 25.60 -09 44.4 19.4 | -0.90 - 6.6 | 2.7/11.2  | 43242 |
| 2004 TQ <sub>316</sub> | 2008 09 13.1 | 23 25.62 -00 14.0 20.8 | -0.81 - 7.5 | 1.2/14.4  | 43220 |
| 2003 UQ <sub>269</sub> | 2008 09 13.1 | 23 25.63 +09 00.2 19.5 | -0.70 - 6.0 | 4.0/17.7  | 43191 |
| 2004 RD <sub>162</sub> | 2008 09 13.1 | 23 25.63 +12 50.1 19.5 | -0.70 -11.1 | 7.0/20.1  | 73113 |
| 2002 DA <sub>20</sub>  | 2008 09 13.1 | 23 25.68 -36 51.6 19.2 | -1.19 + 0.6 | 11.2/02.8 | 37953 |
| 2004 HB <sub>52</sub>  | 2008 09 13.1 | 23 25.68 -10 08.8 20.2 | -0.52 - 2.6 | 1.2/11.0  | 43200 |
| 2000 DZ <sub>8</sub>   | 2008 09 13.1 | 23 25.69 -05 25.9 21.2 | -0.70 - 5.3 | 0.4/12.6  | 01994 |
| 2005 YG <sub>72</sub>  | 2008 09 13.1 | 23 25.70 -00 52.9 19.5 | -0.89 - 4.6 | 1.0/14.1  | 43247 |
| 2003 UB <sub>250</sub> | 2008 09 13.1 | 23 25.70 -13 09.4 20.0 | -0.75 - 4.4 | 2.7/10.0  | 02188 |
| 2004 TX <sub>54</sub>  | 2008 09 13.1 | 23 25.74 -12 55.1 19.8 | -0.88 - 3.6 | 3.2/10.3  | 04309 |
| 2007 EL <sub>134</sub> | 2008 09 13.2 | 23 25.67 -02 16.7 19.7 | -0.75 - 9.5 | 0.5/13.7  | 42876 |
| 2001 TB <sub>258</sub> | 2008 09 13.2 | 23 25.69 -07 24.0 20.4 | -0.85 - 9.1 | 1.5/11.9  | 43132 |
| 2003 WP <sub>83</sub>  | 2008 09 13.2 | 23 25.73 -06 00.4 19.5 | -0.83 - 2.5 | 0.8/12.5  | 00673 |
| 2002 EV <sub>5</sub>   | 2008 09 13.2 | 23 25.75 -01 57.9 18.2 | -1.67 + 7.8 | 0.9/13.5  | 43149 |
| 2005 YL <sub>29</sub>  | 2008 09 13.2 | 23 25.80 -17 37.6 21.0 | -0.87 - 6.2 | 4.7/08.4  | 98037 |
| 2003 SS <sub>282</sub> | 2008 09 13.2 | 23 25.81 +04 54.6 19.3 | -0.86 - 1.6 | 3.1/15.8  | 43182 |
| 2002 QV <sub>22</sub>  | 2008 09 13.2 | 23 25.84 -12 30.6 19.5 | -0.69 - 6.6 | 2.6/10.1  | 43159 |
| 2005 YP <sub>118</sub> | 2008 09 13.2 | 23 25.86 -13 35.9 19.4 | -0.82 - 5.6 | 3.5/09.9  | 43248 |
| 2004 RS <sub>306</sub> | 2008 09 13.2 | 23 25.86 -32 18.5 18.7 | -0.99 + 0.1 | 12.8/03.4 | 43212 |
| 2003 UY <sub>56</sub>  | 2008 09 13.2 | 23 25.86 +28 06.9 18.9 | -0.67 -10.1 | 10.3/28.1 | 43186 |
| 2003 FP <sub>37</sub>  | 2008 09 13.2 | 23 25.91 -02 13.5 20.1 | -0.95 - 5.1 | 0.5/13.7  | 43169 |
| 2000 CD <sub>118</sub> | 2008 09 13.2 | 23 25.94 -15 49.1 19.2 | -0.73 - 7.2 | 3.7/08.8  | 42579 |
| 2003 UK <sub>303</sub> | 2008 09 13.2 | 23 25.95 +05 43.6 18.7 | -0.82 - 2.6 | 3.2/16.2  | 43192 |
| 2001 YZ <sub>125</sub> | 2008 09 13.2 | 23 25.97 -20 20.1 19.0 | -1.00 - 2.5 | 7.1/08.1  | 20757 |
| 2003 UT <sub>54</sub>  | 2008 09 13.2 | 23 25.97 +13 52.1 18.0 | -0.79 - 1.8 | 7.2/19.0  | 41800 |
| 2000 EB <sub>98</sub>  | 2008 09 13.2 | 23 26.02 -15 29.3 19.6 | -0.87 -12.8 | 4.0/08.8  | 17909 |
| 2004 SL <sub>38</sub>  | 2008 09 13.2 | 23 26.06 +02 49.1 19.0 | -0.63 -14.2 | 2.6/16.0  | 43213 |
| 2000 EN <sub>11</sub>  | 2008 09 13.2 | 23 26.07 -25 15.0 19.9 | -0.70 - 7.7 | 5.2/04.9  | 41755 |
| 2006 DC <sub>3</sub>   | 2008 09 13.2 | 23 26.07 -07 35.3 19.9 | -0.78 - 6.2 | 1.3/12.0  | 01323 |
| 2002 FG <sub>17</sub>  | 2008 09 13.2 | 23 26.07 -19 34.1 19.9 | -0.84 - 8.3 | 5.1/07.4  | 18005 |
| 2001 XJ <sub>131</sub> | 2008 09 13.2 | 23 26.09 +05 13.0 19.9 | -0.88 - 6.4 | 3.2/16.3  | 21309 |
| 2002 CN <sub>14</sub>  | 2008 09 13.2 | 23 26.14 +16 21.5 19.5 | -1.67 + 6.4 | 10.3/16.7 | 43145 |
| 2002 RV <sub>198</sub> | 2008 09 13.3 | 23 26.05 -05 42.4 19.3 | -0.95 - 7.2 | 1.0/12.6  | 43162 |
| 2005 AU <sub>54</sub>  | 2008 09 13.3 | 23 26.05 -19 22.6 19.4 | -0.82 - 1.9 | 4.4/08.4  | 02239 |
| 2001 FA <sub>146</sub> | 2008 09 13.3 | 23 26.07 +11 05.5 19.6 | -0.73 - 6.2 | 4.3/18.7  | 43120 |

|                        |              |          |          |      |       |       |          |       |
|------------------------|--------------|----------|----------|------|-------|-------|----------|-------|
| 2000 DP <sub>43</sub>  | 2008 09 13.3 | 23 26.09 | -07 45.8 | 20.7 | -0.69 | - 6.2 | 1.1/11.9 | 01995 |
| 2002 EY <sub>152</sub> | 2008 09 13.3 | 23 26.10 | -03 55.0 | 19.6 | -0.90 | - 3.3 | 0.1/13.2 | 43151 |
| 2004 RU <sub>298</sub> | 2008 09 13.3 | 23 26.10 | -03 10.9 | 19.6 | -0.83 | - 7.3 | 0.2/13.5 | 43211 |
| 2002 CJ <sub>258</sub> | 2008 09 13.3 | 23 26.13 | -03 45.9 | 21.4 | -0.85 | - 5.7 | 0.0/13.3 | 94649 |
| 2003 SZ <sub>233</sub> | 2008 09 13.3 | 23 26.13 | -15 18.9 | 19.9 | -0.87 | - 1.8 | 3.9/09.9 | 43181 |
| 1999 RN <sub>205</sub> | 2008 09 13.3 | 23 26.15 | +14 08.4 | 19.0 | -0.89 | - 2.4 | 6.8/18.9 | 71990 |
| 2004 HX <sub>60</sub>  | 2008 09 13.3 | 23 26.18 | -09 47.0 | 19.8 | -0.93 | - 8.2 | 2.4/11.3 | 19612 |
| 2001 RH <sub>41</sub>  | 2008 09 13.3 | 23 26.18 | +01 06.7 | 19.3 | -0.88 | - 8.1 | 1.9/15.0 | 43124 |
| 2004 RC <sub>325</sub> | 2008 09 13.3 | 23 26.19 | -02 05.3 | 18.4 | -0.84 | + 0.2 | 0.8/13.8 | 42716 |
| 2003 SH <sub>430</sub> | 2008 09 13.3 | 23 26.22 | +01 20.4 | 20.5 | -0.79 | - 2.8 | 1.5/14.9 | 41127 |
| 2003 EP <sub>30</sub>  | 2008 09 13.3 | 23 26.23 | -01 35.7 | 21.1 | -0.95 | - 5.1 | 0.7/14.0 | 00420 |
| 2000 DU <sub>21</sub>  | 2008 09 13.3 | 23 26.24 | -08 46.9 | 21.1 | -0.66 | - 6.8 | 1.2/11.5 | 10726 |
| 2003 QC <sub>90</sub>  | 2008 09 13.3 | 23 26.27 | -04 49.3 | 21.0 | -0.77 | - 5.8 | 0.4/13.0 | 00493 |
| 2005 BZ <sub>24</sub>  | 2008 09 13.3 | 23 26.28 | -06 43.6 | 21.2 | -0.75 | - 5.1 | 0.9/12.3 | 00915 |
| 2005 AN <sub>49</sub>  | 2008 09 13.3 | 23 26.28 | -13 00.8 | 19.8 | -0.70 | - 7.1 | 2.9/09.9 | 43228 |
| 2003 UB <sub>65</sub>  | 2008 09 13.3 | 23 26.28 | -16 52.9 | 18.6 | -0.72 | - 6.8 | 4.3/08.5 | 43186 |
| 2002 CJ <sub>228</sub> | 2008 09 13.3 | 23 26.31 | +08 19.8 | 19.1 | -0.49 | - 2.8 | 2.1/17.7 | 43148 |
| 2006 DF <sub>59</sub>  | 2008 09 13.3 | 23 26.32 | -02 28.7 | 20.3 | -0.78 | - 5.4 | 0.4/13.8 | 43260 |
| 2003 UV <sub>166</sub> | 2008 09 13.3 | 23 26.43 | +07 57.8 | 20.5 | -0.70 | - 6.1 | 3.4/17.5 | 97688 |
| 2000 XW <sub>20</sub>  | 2008 09 13.3 | 23 26.44 | +06 13.4 | 19.7 | -0.90 | - 3.6 | 3.2/16.4 | 43116 |
| 2007 LL <sub>24</sub>  | 2008 09 13.3 | 23 26.44 | -15 53.0 | 19.8 | -0.81 | - 4.5 | 4.0/09.3 | 21256 |
| 2005 YW <sub>117</sub> | 2008 09 13.4 | 23 26.38 | -05 24.6 | 19.9 | -0.85 | - 5.0 | 0.7/12.8 | 43248 |
| 2005 WK <sub>151</sub> | 2008 09 13.4 | 23 26.39 | -03 42.8 | 18.8 | -0.95 | - 3.3 | 0.0/13.4 | 42784 |
| 2003 WY <sub>30</sub>  | 2008 09 13.4 | 23 26.39 | -06 36.1 | 20.0 | -0.78 | - 3.4 | 0.9/12.5 | 02192 |
| 2007 KZ <sub>1</sub>   | 2008 09 13.4 | 23 26.41 | +15 28.5 | 21.1 | -0.83 | - 5.5 | 6.0/20.2 | 21241 |
| 2001 WF <sub>98</sub>  | 2008 09 13.4 | 23 26.43 | +01 03.9 | 21.1 | -0.92 | - 6.0 | 1.8/14.9 | 94316 |
| 2002 PG <sub>158</sub> | 2008 09 13.4 | 23 26.50 | +03 34.0 | 19.9 | -0.80 | - 2.5 | 2.2/15.7 | 43159 |
| 2006 KY <sub>53</sub>  | 2008 09 13.4 | 23 26.50 | +14 09.0 | 20.9 | -0.68 | - 5.5 | 4.4/19.9 | 11171 |
| 2003 UZ <sub>107</sub> | 2008 09 13.4 | 23 26.50 | +14 58.0 | 19.2 | -0.82 | - 2.7 | 6.9/19.7 | 43187 |
| 2006 BO <sub>179</sub> | 2008 09 13.4 | 23 26.50 | -14 17.0 | 19.5 | -0.71 | - 7.4 | 3.4/09.6 | 43256 |
| 2004 TH <sub>104</sub> | 2008 09 13.4 | 23 26.50 | -05 36.1 | 19.1 | -0.73 | - 6.7 | 0.9/12.7 | 74386 |
| 2007 EP <sub>45</sub>  | 2008 09 13.4 | 23 26.51 | -05 17.7 | 20.4 | -0.88 | - 6.8 | 0.6/12.9 | 43275 |
| 2005 UW <sub>223</sub> | 2008 09 13.4 | 23 26.53 | -00 51.8 | 20.1 | -0.99 | - 5.5 | 1.1/14.3 | 19220 |
| 2004 SE <sub>12</sub>  | 2008 09 13.4 | 23 26.53 | -28 14.7 | 19.4 | -0.86 | - 6.3 | 9.2/04.1 | 43213 |
| 2007 GO <sub>29</sub>  | 2008 09 13.4 | 23 26.53 | +17 56.8 | 19.4 | -0.84 | - 6.2 | 7.3/21.5 | 43279 |
| 2004 TP <sub>145</sub> | 2008 09 13.4 | 23 26.55 | -03 13.1 | 19.6 | -0.85 | - 4.5 | 0.2/13.6 | 43217 |
| 2000 DA <sub>72</sub>  | 2008 09 13.4 | 23 26.56 | -04 44.8 | 21.6 | -0.71 | - 4.8 | 0.3/13.1 | 10728 |
| 2002 YQ <sub>7</sub>   | 2008 09 13.4 | 23 26.57 | +08 10.0 | 19.6 | -0.99 | - 5.3 | 4.7/17.2 | 43166 |
| 2005 XL <sub>56</sub>  | 2008 09 13.4 | 23 26.60 | +08 37.8 | 19.2 | -1.03 | - 3.3 | 5.3/17.0 | 43246 |
| 2002 CW <sub>261</sub> | 2008 09 13.4 | 23 26.61 | -08 34.6 | 20.8 | -0.86 | - 6.7 | 1.7/11.8 | 43148 |
| 2003 FH <sub>36</sub>  | 2008 09 13.4 | 23 26.62 | -03 57.0 | 21.0 | -0.94 | - 5.5 | 0.1/13.3 | 43169 |
| 2001 QW <sub>182</sub> | 2008 09 13.4 | 23 26.65 | -05 13.2 | 17.6 | -1.55 | + 7.4 | 0.8/13.2 | 43123 |
| 2005 XE <sub>79</sub>  | 2008 09 13.4 | 23 26.66 | -26 08.7 | 20.1 | -0.90 | - 4.6 | 7.1/05.6 | 96647 |
| 2007 KY <sub>7</sub>   | 2008 09 13.4 | 23 26.68 | -06 11.3 | 20.1 | -0.82 | - 6.3 | 0.8/12.6 | 21245 |
| 1998 TW <sub>22</sub>  | 2008 09 13.4 | 23 26.69 | -18 23.6 | 20.5 | -0.86 | - 2.4 | 4.9/08.8 | 20242 |
| 2002 PB <sub>182</sub> | 2008 09 13.4 | 23 26.70 | -07 58.9 | 20.5 | -0.74 | - 4.4 | 1.3/12.0 | 20286 |
| 2004 TZ <sub>75</sub>  | 2008 09 13.4 | 23 26.71 | +13 17.7 | 18.4 | -0.63 | -11.9 | 7.0/20.7 | 40690 |
| 2005 UH <sub>115</sub> | 2008 09 13.4 | 23 26.71 | -03 55.6 | 20.0 | -1.02 | - 5.2 | 0.1/13.4 | 43237 |
| 2001 XY <sub>153</sub> | 2008 09 13.4 | 23 26.75 | +07 40.1 | 19.7 | -0.91 | - 5.2 | 4.5/17.1 | 97526 |
| 2006 EX <sub>69</sub>  | 2008 09 13.4 | 23 26.76 | -42 54.0 | 21.3 | -0.96 | - 1.4 | 9.3/30.2 | 01497 |
| 2002 GK <sub>129</sub> | 2008 09 13.4 | 23 26.77 | -03 35.5 | 19.7 | -0.84 | - 4.2 | 0.0/13.5 | 43153 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 GF <sub>32</sub>  | 2008 09 13.4 | 23 26.79 | -12 30.1 | 20.9 | -0.74 | - 3.7 | 2.3/10.5  | 11167 |
| 2001 TY <sub>49</sub>  | 2008 09 13.5 | 23 26.76 | -03 22.1 | 18.3 | -0.88 | - 2.8 | 0.1/13.6  | 43130 |
| 2006 AR <sub>8</sub>   | 2008 09 13.5 | 23 26.77 | -25 37.8 | 20.2 | -0.77 | - 7.3 | 6.8/05.3  | 20834 |
| 2000 CE <sub>143</sub> | 2008 09 13.5 | 23 26.78 | +07 02.3 | 19.6 | -0.83 | - 2.6 | 3.4/16.8  | 43103 |
| 2007 ER <sub>64</sub>  | 2008 09 13.5 | 23 26.79 | -11 00.6 | 19.0 | -1.11 | + 0.5 | 3.5/11.7  | 43275 |
| 2002 CJ <sub>221</sub> | 2008 09 13.5 | 23 26.80 | -06 42.5 | 21.1 | -0.76 | - 7.1 | 0.8/12.4  | 30685 |
| 2004 TU <sub>266</sub> | 2008 09 13.5 | 23 26.83 | -05 15.7 | 19.4 | -0.83 | - 5.0 | 0.7/13.0  | 43219 |
| 2007 EH <sub>25</sub>  | 2008 09 13.5 | 23 26.84 | -04 24.4 | 21.1 | -0.97 | - 5.3 | 0.3/13.3  | 43275 |
| 2003 EL <sub>3</sub>   | 2008 09 13.5 | 23 26.91 | -12 22.1 | 19.3 | -0.88 | - 8.7 | 3.5/10.4  | 19593 |
| 2005 XH <sub>19</sub>  | 2008 09 13.5 | 23 26.92 | -08 11.9 | 21.4 | -0.91 | - 5.3 | 1.5/12.1  | 03814 |
| 2005 BE <sub>29</sub>  | 2008 09 13.5 | 23 26.95 | -06 49.1 | 20.0 | -0.76 | - 3.1 | 0.9/12.5  | 09110 |
| 2002 EL <sub>13</sub>  | 2008 09 13.5 | 23 26.98 | -16 34.2 | 19.4 | -0.87 | - 3.8 | 3.9/09.4  | 43149 |
| 2004 EW <sub>71</sub>  | 2008 09 13.5 | 23 26.98 | -02 47.9 | 19.8 | -0.66 | - 2.6 | 0.2/13.8  | 43199 |
| 2004 TJ <sub>343</sub> | 2008 09 13.5 | 23 26.99 | -47 57.6 | 19.2 | -1.52 | + 7.9 | 18.0/03.0 | 43220 |
| 2001 DV <sub>24</sub>  | 2008 09 13.5 | 23 27.00 | -05 27.1 | 20.5 | -0.86 | - 3.4 | 0.6/13.0  | 93926 |
| 2004 UT <sub>7</sub>   | 2008 09 13.5 | 23 27.02 | +08 21.2 | 19.8 | -0.81 | - 5.3 | 3.8/17.6  | 02224 |
| 2007 EH <sub>68</sub>  | 2008 09 13.5 | 23 27.03 | -05 19.0 | 20.3 | -0.94 | - 7.0 | 0.6/13.0  | 22881 |
| 2003 CG <sub>7</sub>   | 2008 09 13.5 | 23 27.10 | -09 28.1 | 20.5 | -1.00 | - 5.7 | 2.2/11.7  | 94914 |
| 2002 EC <sub>57</sub>  | 2008 09 13.5 | 23 27.12 | +02 14.0 | 18.8 | -0.51 | - 2.9 | 1.1/15.6  | 85464 |
| 2003 SC <sub>322</sub> | 2008 09 13.5 | 23 27.12 | -15 54.5 | 21.1 | -0.81 | - 2.6 | 3.1/09.7  | 08763 |
| 1998 HO <sub>19</sub>  | 2008 09 13.5 | 23 27.12 | -01 43.7 | 20.5 | -0.84 | - 5.0 | 0.5/14.2  | 97335 |
| 2001 SV <sub>236</sub> | 2008 09 13.5 | 23 27.14 | -09 43.3 | 18.6 | -0.76 | -10.3 | 2.7/11.3  | 42592 |
| 2005 AJ <sub>24</sub>  | 2008 09 13.5 | 23 27.14 | +07 11.8 | 20.0 | -0.84 | - 4.1 | 3.8/17.0  | 43228 |
| 2004 DQ <sub>39</sub>  | 2008 09 13.6 | 23 27.11 | +17 34.9 | 19.7 | -1.42 | + 3.7 | 10.2/18.0 | 43198 |
| 2003 HA <sub>42</sub>  | 2008 09 13.6 | 23 27.13 | -21 21.7 | 19.0 | -1.04 | - 0.7 | 6.6/08.7  | 43172 |
| 2006 BC <sub>266</sub> | 2008 09 13.6 | 23 27.14 | +01 36.4 | 21.1 | -0.67 | - 6.4 | 1.3/15.5  | 01301 |
| 2002 DH                | 2008 09 13.6 | 23 27.21 | +19 35.7 | 19.0 | -1.78 | +10.6 | 12.8/16.7 | 43149 |
| 2000 QL <sub>99</sub>  | 2008 09 13.6 | 23 27.24 | -08 51.1 | 17.7 | -0.93 | - 1.9 | 2.5/12.1  | 43107 |
| 2004 VA <sub>43</sub>  | 2008 09 13.6 | 23 27.24 | -02 42.9 | 20.7 | -0.80 | - 5.6 | 0.3/13.9  | 00848 |
| 2006 DA <sub>25</sub>  | 2008 09 13.6 | 23 27.24 | -04 47.6 | 22.0 | -0.72 | - 4.4 | 0.3/13.2  | 19286 |
| 1999 TK <sub>237</sub> | 2008 09 13.6 | 23 27.29 | -10 15.2 | 19.2 | -0.85 | - 3.8 | 2.5/11.5  | 43099 |
| 2001 SB <sub>200</sub> | 2008 09 13.6 | 23 27.31 | -03 11.6 | 20.3 | -0.88 | - 8.6 | 0.1/13.8  | 20746 |
| 2000 YP <sub>36</sub>  | 2008 09 13.6 | 23 27.34 | +02 05.3 | 18.5 | -0.89 | - 4.6 | 2.1/15.4  | 43117 |
| 2001 SJ <sub>92</sub>  | 2008 09 13.6 | 23 27.35 | -02 10.8 | 19.2 | -0.98 | - 3.8 | 0.6/14.1  | 42590 |
| 2004 TG <sub>265</sub> | 2008 09 13.6 | 23 27.39 | -05 48.9 | 19.8 | -0.86 | - 4.1 | 0.9/12.9  | 43219 |
| 2002 FS <sub>4</sub>   | 2008 09 13.6 | 23 27.40 | +35 54.5 | 21.4 | -1.04 | - 1.6 | 9.8/28.9  | 74161 |
| 2007 JF <sub>29</sub>  | 2008 09 13.6 | 23 27.41 | -29 24.3 | 19.6 | -0.89 | - 4.0 | 8.9/04.5  | 21236 |
| 2001 WD <sub>102</sub> | 2008 09 13.6 | 23 27.42 | -00 23.5 | 19.1 | -0.82 | - 6.7 | 1.4/14.7  | 19072 |
| 2007 HW <sub>45</sub>  | 2008 09 13.6 | 23 27.43 | -23 13.0 | 19.2 | -0.89 | - 0.7 | 7.1/07.8  | 43282 |
| 2004 TS <sub>358</sub> | 2008 09 13.6 | 23 27.47 | -04 33.5 | 19.8 | -0.81 | - 6.7 | 0.4/13.3  | 43220 |
| 2000 SA <sub>216</sub> | 2008 09 13.6 | 23 27.47 | -09 50.3 | 19.0 | -0.95 | - 0.8 | 3.0/11.9  | 72164 |
| 2002 GM <sub>11</sub>  | 2008 09 13.6 | 23 27.49 | -01 50.8 | 20.9 | -0.75 | - 7.1 | 0.5/14.3  | 30132 |
| 1999 TL <sub>130</sub> | 2008 09 13.6 | 23 27.52 | -06 08.0 | 19.0 | -0.95 | - 1.4 | 0.9/13.0  | 43098 |
| 2005 EW <sub>86</sub>  | 2008 09 13.7 | 23 27.47 | -04 54.4 | 19.8 | -0.67 | - 9.3 | 0.4/13.2  | 43230 |
| 2006 DN <sub>133</sub> | 2008 09 13.7 | 23 27.49 | -08 44.1 | 20.7 | -0.81 | - 4.9 | 1.6/12.0  | 43262 |
| 2007 EH <sub>12</sub>  | 2008 09 13.7 | 23 27.56 | -06 14.3 | 20.6 | -1.00 | - 5.3 | 1.0/12.9  | 21190 |
| 2004 YV <sub>34</sub>  | 2008 09 13.7 | 23 27.56 | -00 02.2 | 19.7 | -0.77 | - 4.4 | 1.1/14.9  | 43227 |
| 2003 SA <sub>319</sub> | 2008 09 13.7 | 23 27.56 | +02 24.7 | 21.1 | -0.71 | - 7.4 | 1.8/15.9  | 08751 |
| 2004 TX <sub>286</sub> | 2008 09 13.7 | 23 27.60 | -05 43.6 | 19.8 | -0.88 | - 3.9 | 0.9/13.0  | 43219 |
| 2006 DF <sub>38</sub>  | 2008 09 13.7 | 23 27.61 | -05 08.7 | 20.2 | -0.84 | - 4.1 | 0.5/13.2  | 43260 |
| 1999 TQ <sub>332</sub> | 2008 09 13.7 | 23 27.62 | -05 09.3 | 20.3 | -0.85 | - 3.9 | 0.6/13.2  | 99922 |

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M.P.C. 63913

|                        |              |          |          |      |       |       |     |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----|-----------|-------|
| 2006 DM <sub>25</sub>  | 2008 09 13.7 | 23 27.62 | -04 20.0 | 20.8 | -0.80 | -     | 5.3 | 0.3/13.5  | 43259 |
| 2002 LN <sub>37</sub>  | 2008 09 13.7 | 23 27.62 | -32 54.3 | 19.1 | -0.75 | -     | 8.0 | 9.6/02.0  | 43155 |
| 2006 DY <sub>73</sub>  | 2008 09 13.7 | 23 27.63 | -03 38.3 | 20.2 | -0.91 | -     | 4.3 | 0.0/13.7  | 43261 |
| 2000 DP <sub>9</sub>   | 2008 09 13.7 | 23 27.65 | +04 25.3 | 19.8 | -0.86 | -     | 2.0 | 2.6/16.1  | 43103 |
| 2005 WK <sub>161</sub> | 2008 09 13.7 | 23 27.66 | -08 53.4 | 21.2 | -0.92 | -     | 5.7 | 1.9/12.0  | 43244 |
| 2005 WJ <sub>89</sub>  | 2008 09 13.7 | 23 27.66 | +02 56.4 | 19.1 | -0.94 | -     | 6.0 | 2.6/15.8  | 43243 |
| 2001 YO <sub>67</sub>  | 2008 09 13.7 | 23 27.67 | -12 31.8 | 19.5 | -0.92 | -     | 5.8 | 3.3/10.8  | 43142 |
| 2003 CJ <sub>7</sub>   | 2008 09 13.7 | 23 27.81 | -13 41.7 | 20.7 | -0.92 | -     | 5.8 | 3.4/10.5  | 19591 |
| 2007 DQ <sub>102</sub> | 2008 09 13.7 | 23 27.81 | -12 04.0 | 18.6 | -1.60 | +     | 7.8 | 4.6/12.5  | 43274 |
| 2003 QV <sub>62</sub>  | 2008 09 13.7 | 23 27.82 | -07 40.2 | 19.5 | -0.80 | -     | 4.2 | 1.5/12.4  | 43174 |
| 1997 TD <sub>4</sub>   | 2008 09 13.7 | 23 27.82 | -02 50.8 | 19.4 | -0.91 | -     | 5.5 | 0.3/14.0  | 43093 |
| 2004 SJ <sub>14</sub>  | 2008 09 13.7 | 23 27.83 | -20 48.0 | 18.8 | -0.98 | -     | 2.3 | 7.1/08.4  | 43213 |
| 1999 TU <sub>212</sub> | 2008 09 13.7 | 23 27.85 | -08 13.9 | 19.0 | -0.94 | -     | 1.7 | 1.8/12.4  | 43099 |
| 1999 RK <sub>207</sub> | 2008 09 13.7 | 23 27.90 | +07 02.0 | 18.6 | -1.05 | +     | 2.3 | 4.6/16.4  | 43097 |
| 2004 VL <sub>37</sub>  | 2008 09 13.8 | 23 27.81 | +00 56.6 | 20.3 | -0.80 | -     | 5.5 | 1.5/15.3  | 43222 |
| 1999 TJ <sub>61</sub>  | 2008 09 13.8 | 23 27.82 | -02 08.5 | 20.0 | -0.86 | -     | 3.7 | 0.5/14.2  | 43098 |
| 2006 BN <sub>107</sub> | 2008 09 13.8 | 23 27.89 | -06 01.4 | 21.3 | -0.85 | -     | 5.1 | 0.9/13.0  | 11156 |
| 2000 GZ <sub>13</sub>  | 2008 09 13.8 | 23 27.92 | -05 56.8 | 20.1 | -0.75 | -     | 4.5 | 0.7/13.0  | 43105 |
| 2006 BL <sub>149</sub> | 2008 09 13.8 | 23 27.93 | -06 34.0 | 20.0 | -0.73 | -     | 8.5 | 0.9/12.7  | 01267 |
| 2006 BU <sub>85</sub>  | 2008 09 13.8 | 23 27.93 | +04 03.4 | 20.5 | -0.91 | -     | 3.0 | 2.5/16.1  | 02275 |
| 2001 SP <sub>141</sub> | 2008 09 13.8 | 23 27.96 | +00 07.2 | 20.1 | -0.94 | -     | 6.1 | 1.5/15.0  | 43127 |
| 2004 TE <sub>60</sub>  | 2008 09 13.8 | 23 27.97 | +01 14.5 | 19.2 | -0.73 | -     | 8.9 | 2.1/15.6  | 43215 |
| 2005 VS <sub>130</sub> | 2008 09 13.8 | 23 28.02 | -08 05.1 | 19.7 | -0.88 | -     | 9.3 | 2.1/12.2  | 43242 |
| 2007 HC <sub>45</sub>  | 2008 09 13.8 | 23 28.05 | -13 04.8 | 19.0 | -0.68 | -     | 9.5 | 3.3/10.2  | 43282 |
| 2004 RY <sub>80</sub>  | 2008 09 13.8 | 23 28.07 | +00 57.5 | 20.0 | -0.83 | -     | 6.4 | 1.8/15.4  | 43208 |
| 2001 UA <sub>144</sub> | 2008 09 13.8 | 23 28.10 | -08 59.1 | 20.8 | -0.95 | -     | 5.7 | 2.0/12.1  | 43134 |
| 2001 QY <sub>125</sub> | 2008 09 13.8 | 23 28.12 | -10 40.1 | 18.4 | -0.78 | -     | 4.2 | 3.8/11.5  | 43122 |
| 2001 VL <sub>55</sub>  | 2008 09 13.8 | 23 28.12 | +07 55.9 | 19.7 | -0.62 | -     | 3.8 | 2.7/17.8  | 40888 |
| 2002 GH <sub>150</sub> | 2008 09 13.8 | 23 28.12 | +07 05.1 | 18.6 | -0.70 | -11.2 | 4.1 | 4.1/18.0  | 43154 |
| 2004 FQ <sub>121</sub> | 2008 09 13.8 | 23 28.13 | -08 21.6 | 19.7 | -0.92 | -     | 9.6 | 1.9/12.2  | 18069 |
| 2007 DD <sub>99</sub>  | 2008 09 13.8 | 23 28.13 | -01 41.1 | 19.4 | -1.13 | -     | 1.0 | 0.8/14.3  | 43274 |
| 2003 SM <sub>250</sub> | 2008 09 13.8 | 23 28.16 | -27 21.3 | 18.0 | -1.05 | +     | 2.6 | 9.2/07.5  | 43181 |
| 2006 FJ <sub>46</sub>  | 2008 09 13.8 | 23 28.16 | -07 54.8 | 20.5 | -0.69 | -     | 5.3 | 1.2/12.3  | 43266 |
| 2001 XG <sub>78</sub>  | 2008 09 13.8 | 23 28.17 | -12 48.6 | 19.2 | -0.87 | -     | 6.6 | 4.1/10.7  | 43139 |
| 2002 AV <sub>144</sub> | 2008 09 13.8 | 23 28.17 | -06 56.7 | 20.3 | -0.87 | -     | 7.1 | 1.3/12.7  | 94525 |
| 2004 RD <sub>323</sub> | 2008 09 13.8 | 23 28.17 | +16 14.9 | 19.2 | -0.75 | -10.5 | 7.7 | 7.7/22.0  | 42715 |
| 2003 DE <sub>19</sub>  | 2008 09 13.8 | 23 28.18 | -01 15.4 | 21.2 | -0.91 | -     | 5.8 | 0.7/14.6  | 20775 |
| 2003 UV <sub>118</sub> | 2008 09 13.8 | 23 28.21 | -08 48.1 | 18.7 | -0.66 | -13.0 | 1.9 | 1.9/11.7  | 43188 |
| 2003 UY <sub>15</sub>  | 2008 09 13.8 | 23 28.22 | +13 34.1 | 19.0 | -0.66 | -     | 8.6 | 5.2/20.6  | 02178 |
| 2005 XD <sub>112</sub> | 2008 09 13.8 | 23 28.23 | -02 52.7 | 20.8 | -0.92 | -     | 5.6 | 0.2/14.1  | 96657 |
| 2006 FS <sub>7</sub>   | 2008 09 13.9 | 23 28.19 | -04 35.4 | 21.1 | -0.71 | -     | 4.8 | 0.3/13.5  | 11165 |
| 1999 TM <sub>61</sub>  | 2008 09 13.9 | 23 28.19 | -02 03.5 | 20.2 | -0.84 | -     | 4.3 | 0.5/14.3  | 43098 |
| 2006 BV <sub>42</sub>  | 2008 09 13.9 | 23 28.19 | +08 57.7 | 21.3 | -0.94 | -     | 2.3 | 3.9/17.6  | 02273 |
| 2004 RR <sub>306</sub> | 2008 09 13.9 | 23 28.19 | -31 17.5 | 19.1 | -1.05 | -     | 1.3 | 11.2/04.3 | 43211 |
| 2005 VB <sub>124</sub> | 2008 09 13.9 | 23 28.20 | -18 02.0 | 20.0 | -0.96 | -     | 5.4 | 5.5/09.1  | 19669 |
| 2002 PU <sub>2</sub>   | 2008 09 13.9 | 23 28.23 | +18 11.7 | 18.7 | -0.73 | -     | 4.4 | 7.8/21.6  | 43157 |
| 2007 GT <sub>50</sub>  | 2008 09 13.9 | 23 28.23 | -15 34.7 | 19.5 | -1.01 | -     | 1.8 | 4.3/10.5  | 43280 |
| 2000 EA <sub>5</sub>   | 2008 09 13.9 | 23 28.24 | +01 28.5 | 19.4 | -0.83 | -     | 2.4 | 1.6/15.4  | 43104 |
| 2006 EW <sub>29</sub>  | 2008 09 13.9 | 23 28.27 | -02 55.0 | 19.1 | -0.89 | -     | 1.5 | 0.2/14.1  | 43264 |
| 2006 HF <sub>88</sub>  | 2008 09 13.9 | 23 28.28 | -02 55.6 | 21.0 | -0.76 | -     | 4.8 | 0.1/14.1  | 43268 |
| 2004 TB <sub>41</sub>  | 2008 09 13.9 | 23 28.29 | -03 22.7 | 18.6 | -0.71 | -     | 6.1 | 0.0/13.9  | 43214 |

|                        |              |          |          |      |       |       |     |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----|-----------|-------|
| 2003 HZ <sub>54</sub>  | 2008 09 13.9 | 23 28.31 | -05 01.6 | 20.8 | -0.94 | -     | 5.3 | 0.6/13.4  | 43172 |
| 2007 GA <sub>64</sub>  | 2008 09 13.9 | 23 28.31 | +05 53.1 | 19.6 | -0.74 | -     | 6.8 | 2.9/17.3  | 43280 |
| 2003 UD <sub>294</sub> | 2008 09 13.9 | 23 28.33 | +09 41.1 | 19.6 | -0.73 | -     | 5.6 | 3.8/18.6  | 43192 |
| 2005 YV <sub>164</sub> | 2008 09 13.9 | 23 28.39 | +04 24.2 | 19.5 | -1.01 | -     | 2.5 | 3.2/16.2  | 43249 |
| 2005 WW <sub>47</sub>  | 2008 09 13.9 | 23 28.40 | -05 40.5 | 21.2 | -0.91 | -     | 5.3 | 0.8/13.2  | 43243 |
| 2006 FP <sub>30</sub>  | 2008 09 13.9 | 23 28.42 | +06 18.8 | 22.1 | -0.66 | -     | 6.7 | 2.3/17.5  | 02312 |
| 2003 BS <sub>61</sub>  | 2008 09 13.9 | 23 28.45 | -00 53.3 | 20.4 | -0.94 | -     | 6.2 | 0.9/14.8  | 20774 |
| 2001 SU <sub>251</sub> | 2008 09 13.9 | 23 28.46 | -12 08.6 | 19.0 | -1.01 | -     | 2.0 | 3.9/11.5  | 41770 |
| 2005 BC <sub>14</sub>  | 2008 09 13.9 | 23 28.50 | -26 48.5 | 21.1 | -0.93 | -     | 0.8 | 5.8/06.7  | 76620 |
| 2003 WX <sub>24</sub>  | 2008 09 13.9 | 23 28.52 | -45 37.8 | 19.0 | -1.87 | +     | 9.8 | 20.9/06.3 | 43193 |
| 2001 YV <sub>152</sub> | 2008 09 13.9 | 23 28.52 | -18 22.3 | 18.8 | -1.00 | -     | 4.1 | 6.4/09.1  | 43142 |
| 2004 TW <sub>157</sub> | 2008 09 13.9 | 23 28.53 | +03 31.3 | 19.4 | -0.83 | -     | 5.3 | 2.4/16.3  | 43217 |
| 2007 GW <sub>34</sub>  | 2008 09 13.9 | 23 28.53 | -01 15.2 | 20.4 | -0.80 | -     | 8.2 | 0.7/14.7  | 41871 |
| 2005 YK <sub>290</sub> | 2008 09 13.9 | 23 28.56 | +10 32.2 | 19.8 | -0.91 | -     | 2.6 | 4.4/18.3  | 43250 |
| 2005 UU <sub>14</sub>  | 2008 09 13.9 | 23 28.59 | -11 11.7 | 18.8 | -0.91 | -     | 2.7 | 4.2/11.7  | 43235 |
| 2004 RB <sub>231</sub> | 2008 09 13.9 | 23 28.60 | -08 35.1 | 19.5 | -0.97 | -     | 2.6 | 2.0/12.5  | 43211 |
| 2007 HW <sub>26</sub>  | 2008 09 14.0 | 23 28.54 | -10 16.9 | 20.8 | -0.87 | -     | 4.7 | 2.2/11.8  | 26279 |
| 2005 CK <sub>17</sub>  | 2008 09 14.0 | 23 28.56 | -11 06.6 | 19.6 | -0.69 | -     | 6.7 | 2.3/11.2  | 43229 |
| 2002 CD <sub>65</sub>  | 2008 09 14.0 | 23 28.60 | -10 43.2 | 20.6 | -0.91 | -     | 3.4 | 2.3/11.8  | 97562 |
| 2003 SJ <sub>322</sub> | 2008 09 14.0 | 23 28.65 | -07 41.1 | 19.1 | -0.68 | -     | 8.1 | 1.4/12.4  | 43183 |
| 2006 BW <sub>136</sub> | 2008 09 14.0 | 23 28.67 | -07 05.9 | 20.9 | -0.76 | -     | 4.7 | 1.1/12.8  | 97079 |
| 2006 BJ <sub>130</sub> | 2008 09 14.0 | 23 28.74 | -03 30.6 | 20.6 | -0.78 | -     | 6.1 | 0.0/14.0  | 02278 |
| 2002 AG <sub>88</sub>  | 2008 09 14.0 | 23 28.74 | -08 28.1 | 20.3 | -0.83 | -     | 6.7 | 1.5/12.3  | 43143 |
| 2003 WA <sub>130</sub> | 2008 09 14.0 | 23 28.78 | -05 31.2 | 20.1 | -0.74 | -     | 5.3 | 0.7/13.3  | 43194 |
| 2004 TB <sub>15</sub>  | 2008 09 14.0 | 23 28.80 | -03 29.0 | 20.2 | -0.89 | -     | 4.4 | 0.0/14.0  | 43214 |
| 2000 WZ <sub>37</sub>  | 2008 09 14.0 | 23 28.80 | -15 28.8 | 20.1 | -0.87 | -     | 6.3 | 4.1/09.9  | 70282 |
| 2006 DC <sub>74</sub>  | 2008 09 14.0 | 23 28.85 | -05 35.5 | 19.3 | -0.75 | -11.4 | 0.8 | 0.8/13.2  | 43261 |
| 2007 EP <sub>133</sub> | 2008 09 14.0 | 23 28.90 | -02 11.7 | 19.4 | -0.77 | -     | 9.5 | 0.4/14.5  | 42876 |
| 2002 CO <sub>169</sub> | 2008 09 14.0 | 23 28.93 | -17 19.5 | 20.2 | -0.78 | -     | 7.9 | 3.9/09.0  | 31970 |
| 2007 KP <sub>1</sub>   | 2008 09 14.0 | 23 28.93 | -01 31.9 | 20.7 | -0.69 | -     | 8.0 | 0.5/14.8  | 21880 |
| 1998 WQ <sub>37</sub>  | 2008 09 14.0 | 23 28.93 | -18 24.2 | 20.3 | -0.81 | -     | 3.0 | 4.4/09.3  | 22370 |
| 2007 JJ <sub>12</sub>  | 2008 09 14.0 | 23 28.93 | -12 32.3 | 19.8 | -0.71 | -     | 7.4 | 2.9/10.8  | 43283 |
| 2002 DM <sub>11</sub>  | 2008 09 14.0 | 23 28.94 | -04 13.9 | 20.3 | -0.76 | -     | 8.0 | 0.3/13.8  | 30698 |
| 2004 TD <sub>351</sub> | 2008 09 14.0 | 23 28.94 | -10 51.5 | 20.1 | -0.83 | -     | 4.7 | 2.4/11.6  | 43220 |
| 2003 NK                | 2008 09 14.0 | 23 28.98 | +29 27.2 | 20.0 | -1.14 | -     | 1.0 | 10.1/25.6 | 19602 |
| 2004 VE <sub>60</sub>  | 2008 09 14.1 | 23 28.88 | -09 44.9 | 19.3 | -0.88 | -     | 3.2 | 2.4/12.1  | 42728 |
| 2000 WT <sub>23</sub>  | 2008 09 14.1 | 23 28.89 | -02 26.7 | 18.8 | -0.76 | -     | 9.1 | 0.4/14.4  | 43114 |
| 2004 XD <sub>128</sub> | 2008 09 14.1 | 23 28.90 | -21 09.8 | 19.2 | -0.78 | -     | 5.3 | 5.7/07.8  | 43226 |
| 2006 DJ <sub>200</sub> | 2008 09 14.1 | 23 28.91 | -09 20.8 | 20.7 | -0.65 | -     | 7.3 | 1.5/11.9  | 02302 |
| 2004 NK <sub>17</sub>  | 2008 09 14.1 | 23 28.92 | +09 54.2 | 18.9 | -0.94 | -     | 4.4 | 5.8/18.5  | 43202 |
| 2003 UT <sub>156</sub> | 2008 09 14.1 | 23 28.93 | -04 56.4 | 18.7 | -0.68 | -     | 8.4 | 0.6/13.5  | 42671 |
| 2007 EB <sub>101</sub> | 2008 09 14.1 | 23 28.93 | -10 14.3 | 19.7 | -0.88 | -     | 6.5 | 2.8/11.8  | 43276 |
| 2000 VG <sub>39</sub>  | 2008 09 14.1 | 23 28.95 | -68 06.4 | 18.7 | -1.40 | +     | 2.6 | 32.2/08.0 | 72218 |
| 2004 TN <sub>86</sub>  | 2008 09 14.1 | 23 28.97 | +05 39.9 | 19.8 | -0.73 | -12.0 | 3.3 | 3.3/18.0  | 43216 |
| 2002 PK <sub>103</sub> | 2008 09 14.1 | 23 29.01 | +24 13.8 | 19.4 | -0.89 | -     | 0.7 | 8.0/23.0  | 77620 |
| 2007 EY <sub>20</sub>  | 2008 09 14.1 | 23 29.02 | -06 05.1 | 20.1 | -0.95 | -     | 4.0 | 1.0/13.3  | 19381 |
| 2002 NK <sub>55</sub>  | 2008 09 14.1 | 23 29.03 | +41 33.0 | 18.4 | -1.05 | +     | 3.0 | 16.3/02.8 | 40106 |
| 2003 FK <sub>21</sub>  | 2008 09 14.1 | 23 29.05 | -03 26.9 | 20.1 | -0.79 | -     | 9.8 | 0.0/14.1  | 43169 |
| 2002 GJ <sub>22</sub>  | 2008 09 14.1 | 23 29.12 | -07 03.8 | 20.2 | -0.84 | -     | 7.0 | 1.2/12.9  | 02092 |
| 2000 WT <sub>197</sub> | 2008 09 14.1 | 23 29.12 | +13 54.7 | 19.7 | -0.96 | -     | 2.7 | 6.4/19.3  | 07894 |
| 1995 UB <sub>12</sub>  | 2008 09 14.1 | 23 29.15 | -02 46.3 | 20.3 | -0.84 | -     | 5.0 | 0.2/14.3  | 43092 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 TK <sub>350</sub> | 2008 09 14.1 | 23 29.16 +07 11.7 19.8 | -0.64 - 8.9 | 3.2/18.3  | 43165 |
| 2003 SZ <sub>263</sub> | 2008 09 14.1 | 23 29.19 -13 53.6 19.2 | -0.86 - 2.0 | 3.5/11.0  | 43182 |
| 2005 CX <sub>39</sub>  | 2008 09 14.1 | 23 29.22 -05 23.0 19.3 | -0.73 - 5.3 | 0.7/13.5  | 43229 |
| 2000 SC <sub>120</sub> | 2008 09 14.1 | 23 29.23 +02 21.9 18.7 | -0.67 -11.5 | 2.4/16.4  | 43109 |
| 2007 BG <sub>75</sub>  | 2008 09 14.1 | 23 29.23 -01 15.1 20.5 | -0.93 - 5.5 | 0.8/14.8  | 38126 |
| 2006 AS <sub>10</sub>  | 2008 09 14.1 | 23 29.29 -11 37.2 20.1 | -0.85 - 5.3 | 2.6/11.4  | 43250 |
| 2001 TC <sub>25</sub>  | 2008 09 14.1 | 23 29.29 +05 53.4 18.9 | -0.80 - 7.1 | 4.3/17.4  | 23792 |
| 2007 GP <sub>40</sub>  | 2008 09 14.1 | 23 29.33 -28 33.1 20.8 | -1.03 - 1.1 | 7.7/06.8  | 21363 |
| 2002 CK <sub>261</sub> | 2008 09 14.2 | 23 29.31 -10 46.5 19.9 | -0.85 - 6.6 | 2.4/11.7  | 43148 |
| 1998 RS <sub>63</sub>  | 2008 09 14.2 | 23 29.34 -09 11.0 18.3 | -0.83 - 6.4 | 3.0/12.2  | 43094 |
| 2006 DS <sub>92</sub>  | 2008 09 14.2 | 23 29.36 -04 14.4 20.6 | -0.73 - 4.5 | 0.2/13.9  | 43261 |
| 2004 XP <sub>59</sub>  | 2008 09 14.2 | 23 29.41 -28 49.5 20.7 | -0.80 - 3.7 | 6.5/05.1  | 14139 |
| 2000 YL <sub>57</sub>  | 2008 09 14.2 | 23 29.43 +25 08.3 18.1 | -0.90 - 0.3 | 12.2/23.7 | 43117 |
| 2006 HP <sub>23</sub>  | 2008 09 14.2 | 23 29.52 -05 34.4 20.9 | -0.69 - 5.1 | 0.6/13.5  | 43267 |
| 2003 SO <sub>89</sub>  | 2008 09 14.2 | 23 29.52 +11 39.1 18.8 | -0.79 - 4.2 | 5.2/19.4  | 43177 |
| 2003 AX <sub>34</sub>  | 2008 09 14.2 | 23 29.54 +05 28.8 19.1 | -0.97 - 6.1 | 3.9/17.1  | 43167 |
| 2002 AX <sub>84</sub>  | 2008 09 14.2 | 23 29.59 -02 50.8 20.2 | -0.82 - 6.9 | 0.1/14.4  | 43143 |
| 2007 JF <sub>1</sub>   | 2008 09 14.2 | 23 29.59 -13 30.2 19.7 | -1.04 - 4.0 | 4.0/11.2  | 43283 |
| 2004 PL <sub>29</sub>  | 2008 09 14.2 | 23 29.60 -03 37.2 19.7 | -0.88 - 5.9 | 0.1/14.2  | 43204 |
| 2004 TD <sub>102</sub> | 2008 09 14.2 | 23 29.62 -00 25.6 20.5 | -0.81 - 6.4 | 1.0/15.3  | 43216 |
| 2001 DS <sub>105</sub> | 2008 09 14.2 | 23 29.63 +10 31.0 20.3 | -0.87 - 3.2 | 4.2/18.6  | 13765 |
| 2001 UN <sub>222</sub> | 2008 09 14.2 | 23 29.64 -11 24.7 20.7 | -0.93 - 6.2 | 3.0/11.6  | 43135 |
| 2000 YR <sub>124</sub> | 2008 09 14.3 | 23 29.60 -26 50.2 20.1 | -0.89 - 5.8 | 7.2/05.6  | 02024 |
| 1999 RC <sub>10</sub>  | 2008 09 14.3 | 23 29.61 +38 11.5 19.2 | -1.50 + 6.2 | 16.0/26.5 | 04116 |
| 2005 SY <sub>177</sub> | 2008 09 14.3 | 23 29.64 +00 06.8 19.6 | -1.06 - 3.8 | 1.6/15.3  | 43233 |
| 2007 JF <sub>18</sub>  | 2008 09 14.3 | 23 29.64 -12 38.6 21.3 | -0.71 - 7.3 | 2.7/10.9  | 21697 |
| 2004 XP <sub>80</sub>  | 2008 09 14.3 | 23 29.68 -13 28.3 19.9 | -0.89 - 5.9 | 3.5/10.9  | 00880 |
| 2003 EY <sub>61</sub>  | 2008 09 14.3 | 23 29.68 -09 00.3 19.7 | -0.88 - 5.5 | 2.2/12.5  | 43169 |
| 2006 AP <sub>42</sub>  | 2008 09 14.3 | 23 29.73 -02 18.1 21.7 | -0.82 - 5.9 | 0.3/14.7  | 09490 |
| 2002 AL <sub>65</sub>  | 2008 09 14.3 | 23 29.74 +10 30.6 20.4 | -0.88 - 3.5 | 4.0/18.7  | 94489 |
| 2007 ED <sub>192</sub> | 2008 09 14.3 | 23 29.75 +06 17.0 20.3 | -0.85 - 6.7 | 3.1/18.0  | 43277 |
| 2001 WY <sub>25</sub>  | 2008 09 14.3 | 23 29.75 -06 48.0 19.4 | -0.86 - 6.7 | 1.6/13.1  | 94296 |
| 1999 RO <sub>102</sub> | 2008 09 14.3 | 23 29.76 +09 56.1 18.3 | -0.56 - 7.9 | 6.3/19.6  | 43097 |
| 2004 XN <sub>107</sub> | 2008 09 14.3 | 23 29.77 +20 18.2 18.1 | -0.86 - 0.1 | 10.9/21.7 | 74461 |
| 2006 BL <sub>171</sub> | 2008 09 14.3 | 23 29.78 -12 45.2 21.4 | -0.71 - 6.5 | 2.6/11.0  | 22536 |
| 2003 SM <sub>156</sub> | 2008 09 14.3 | 23 29.82 +02 25.4 19.1 | -0.70 - 7.7 | 1.7/16.4  | 43179 |
| 2005 AR <sub>48</sub>  | 2008 09 14.3 | 23 29.82 -22 34.5 21.6 | -0.71 - 6.2 | 4.8/07.1  | 00905 |
| 2005 YM <sub>35</sub>  | 2008 09 14.3 | 23 29.83 -19 27.1 19.7 | -0.84 - 6.6 | 5.7/08.7  | 20829 |
| 2005 SG <sub>177</sub> | 2008 09 14.3 | 23 29.85 -00 32.5 19.0 | -1.07 - 3.0 | 1.4/15.1  | 43233 |
| 2002 EQ <sub>147</sub> | 2008 09 14.3 | 23 29.87 -03 59.2 21.1 | -0.86 - 4.9 | 0.2/14.1  | 43151 |
| 2003 FZ <sub>37</sub>  | 2008 09 14.3 | 23 29.87 +00 44.0 20.2 | -0.48 - 3.6 | 0.7/15.8  | 37988 |
| 2001 TU <sub>85</sub>  | 2008 09 14.3 | 23 29.90 -01 22.8 18.5 | -1.01 - 0.9 | 0.9/14.9  | 42594 |
| 2007 LA <sub>13</sub>  | 2008 09 14.3 | 23 29.94 -13 17.6 19.6 | -0.70 - 7.9 | 3.1/10.7  | 43284 |
| 2002 GK <sub>144</sub> | 2008 09 14.3 | 23 29.95 -20 47.6 20.1 | -0.85 - 6.7 | 5.6/08.0  | 10872 |
| 2005 UD <sub>439</sub> | 2008 09 14.3 | 23 30.00 -21 52.2 20.2 | -1.06 - 3.6 | 6.8/08.5  | 01086 |
| 2004 ST                | 2008 09 14.3 | 23 30.02 -23 45.4 18.7 | -1.10 + 2.7 | 9.3/09.6  | 43213 |
| 2002 PS <sub>10</sub>  | 2008 09 14.4 | 23 29.95 +14 23.2 18.6 | -0.83 - 1.7 | 5.5/19.9  | 41783 |
| 2005 WU <sub>141</sub> | 2008 09 14.4 | 23 29.96 +18 37.3 19.7 | -0.89 - 3.2 | 6.6/21.8  | 43244 |
| 2003 SQ <sub>196</sub> | 2008 09 14.4 | 23 29.97 +10 15.2 19.0 | -0.72 - 5.9 | 4.5/19.3  | 43180 |
| 2002 DW <sub>15</sub>  | 2008 09 14.4 | 23 29.99 -06 22.1 20.3 | -0.45 - 5.0 | 0.5/13.2  | 87532 |
| 2001 FR <sub>136</sub> | 2008 09 14.4 | 23 30.07 -19 37.6 20.8 | -0.74 - 4.5 | 4.0/08.8  | 02033 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2005 YW <sub>47</sub>  | 2008 09 14.4 | 23 30.07 -06 29.5 20.5 | -0.90 - 5.7 | 1.1/13.4 | 96715 |
| 1998 WM <sub>24</sub>  | 2008 09 14.4 | 23 30.09 -06 46.9 21.1 | -0.48 - 2.8 | 0.6/13.2 | 24289 |
| 2001 SE <sub>328</sub> | 2008 09 14.4 | 23 30.16 -03 50.1 19.1 | -0.83 - 9.6 | 0.3/14.2 | 43129 |
| 2005 TH <sub>83</sub>  | 2008 09 14.4 | 23 30.18 +00 15.4 17.4 | -0.97 + 0.3 | 1.9/15.4 | 43235 |
| 2005 AO <sub>16</sub>  | 2008 09 14.4 | 23 30.19 -07 09.7 19.8 | -0.73 - 5.1 | 1.1/13.1 | 02237 |
| 2001 QO <sub>26</sub>  | 2008 09 14.4 | 23 30.20 -08 14.8 17.9 | -1.02 - 0.8 | 2.5/13.1 | 43122 |
| 2004 XG <sub>58</sub>  | 2008 09 14.4 | 23 30.21 +12 25.4 19.2 | -0.88 - 2.0 | 5.4/19.3 | 43225 |
| 2002 EH <sub>82</sub>  | 2008 09 14.4 | 23 30.22 +02 51.6 22.1 | -0.47 - 2.8 | 1.0/16.6 | 48220 |
| 1999 VD <sub>89</sub>  | 2008 09 14.4 | 23 30.22 +08 15.6 19.0 | -0.74 - 7.4 | 4.2/18.6 | 43101 |
| 2000 WB <sub>165</sub> | 2008 09 14.4 | 23 30.27 -24 04.5 20.0 | -0.84 - 5.5 | 5.1/07.0 | 02020 |
| 2002 HL <sub>16</sub>  | 2008 09 14.4 | 23 30.27 -01 00.9 19.4 | -0.76 - 7.4 | 0.8/15.3 | 43154 |
| 2004 JN <sub>19</sub>  | 2008 09 14.4 | 23 30.27 -17 28.5 20.1 | -1.04 - 3.0 | 6.1/10.3 | 11058 |
| 2002 CV <sub>58</sub>  | 2008 09 14.4 | 23 30.28 -11 16.0 21.1 | -0.47 - 3.7 | 1.4/11.5 | 43146 |
| 2000 RY <sub>89</sub>  | 2008 09 14.4 | 23 30.30 +03 25.8 19.2 | -0.89 - 4.9 | 2.4/16.6 | 43108 |
| 2004 YQ <sub>32</sub>  | 2008 09 14.4 | 23 30.31 +03 49.4 20.0 | -0.77 - 2.8 | 1.9/16.7 | 02236 |
| 2004 JK <sub>14</sub>  | 2008 09 14.4 | 23 30.31 -08 23.5 19.8 | -0.93 - 8.2 | 2.0/12.7 | 21812 |
| 2003 TO <sub>56</sub>  | 2008 09 14.4 | 23 30.32 -13 30.7 20.5 | -0.77 - 6.1 | 3.5/10.8 | 87594 |
| 2003 FE <sub>17</sub>  | 2008 09 14.4 | 23 30.32 -06 32.6 21.5 | -0.89 - 6.9 | 1.2/13.4 | 21560 |
| 2003 SV <sub>188</sub> | 2008 09 14.4 | 23 30.33 -13 48.7 19.1 | -0.80 - 3.9 | 3.6/11.0 | 43180 |
| 2005 EN <sub>80</sub>  | 2008 09 14.4 | 23 30.34 -16 46.3 19.9 | -0.71 - 6.9 | 4.2/09.5 | 43230 |
| 2004 LA <sub>20</sub>  | 2008 09 14.4 | 23 30.34 +01 31.5 20.6 | -0.98 - 5.9 | 1.9/16.0 | 95233 |
| 2007 GT <sub>75</sub>  | 2008 09 14.4 | 23 30.35 +17 30.0 19.9 | -0.70 - 8.2 | 6.4/22.9 | 43281 |
| 2004 TZ <sub>344</sub> | 2008 09 14.4 | 23 30.36 -22 30.6 19.5 | -0.90 - 3.1 | 5.9/08.2 | 02223 |
| 2000 SC <sub>56</sub>  | 2008 09 14.4 | 23 30.36 -01 41.6 19.6 | -0.90 - 4.5 | 0.6/15.0 | 43109 |
| 2007 ES <sub>130</sub> | 2008 09 14.4 | 23 30.36 -03 29.4 20.4 | -0.96 - 5.2 | 0.1/14.4 | 43276 |
| 2004 RK <sub>38</sub>  | 2008 09 14.4 | 23 30.37 -09 49.1 19.6 | -0.91 - 5.1 | 2.5/12.4 | 43207 |
| 2006 BL <sub>177</sub> | 2008 09 14.4 | 23 30.39 -00 17.7 21.1 | -0.92 - 6.6 | 1.2/15.4 | 43256 |
| 2000 XK <sub>5</sub>   | 2008 09 14.5 | 23 30.34 +17 45.0 19.4 | -0.92 - 2.9 | 7.0/21.3 | 43115 |
| 2001 SE <sub>261</sub> | 2008 09 14.5 | 23 30.36 -01 13.4 18.3 | -0.82 - 7.7 | 0.9/15.2 | 43129 |
| 2003 BQ <sub>26</sub>  | 2008 09 14.5 | 23 30.38 +21 38.3 20.5 | -1.32 + 2.2 | 9.6/20.4 | 94899 |
| 2007 JG <sub>36</sub>  | 2008 09 14.5 | 23 30.40 -06 00.5 20.7 | -0.76 - 6.8 | 0.9/13.5 | 21701 |
| 2005 YM <sub>290</sub> | 2008 09 14.5 | 23 30.43 +07 23.3 21.7 | -0.83 - 4.2 | 3.2/18.0 | 11154 |
| 2006 DH <sub>64</sub>  | 2008 09 14.5 | 23 30.44 -19 56.9 19.9 | -1.01 - 2.2 | 5.9/09.5 | 02293 |
| 2004 TL <sub>53</sub>  | 2008 09 14.5 | 23 30.48 -08 32.1 19.7 | -0.89 - 4.4 | 2.0/12.8 | 43215 |
| 2002 AQ <sub>35</sub>  | 2008 09 14.5 | 23 30.49 -02 24.5 20.1 | -0.91 - 5.7 | 0.3/14.8 | 43143 |
| 2002 GG <sub>180</sub> | 2008 09 14.5 | 23 30.57 -06 12.7 20.3 | -0.81 - 5.3 | 1.0/13.6 | 42612 |
| 2006 CD <sub>34</sub>  | 2008 09 14.5 | 23 30.57 -08 21.0 20.2 | -0.80 - 8.5 | 1.8/12.7 | 20840 |
| 2007 EN <sub>17</sub>  | 2008 09 14.5 | 23 30.58 -02 47.1 21.0 | -0.91 - 7.0 | 0.1/14.7 | 43274 |
| 2007 JT <sub>14</sub>  | 2008 09 14.5 | 23 30.58 +04 41.2 21.6 | -0.92 - 7.1 | 2.9/17.2 | 20672 |
| 2005 WS <sub>73</sub>  | 2008 09 14.5 | 23 30.58 -15 38.7 20.0 | -1.00 - 4.2 | 4.7/10.7 | 20825 |
| 2002 NJ <sub>14</sub>  | 2008 09 14.5 | 23 30.59 +09 56.2 19.5 | -0.80 - 3.5 | 4.1/18.9 | 43156 |
| 2005 WS <sub>179</sub> | 2008 09 14.5 | 23 30.59 -05 14.2 19.1 | -1.06 - 1.7 | 1.0/14.0 | 42785 |
| 2002 AK <sub>105</sub> | 2008 09 14.5 | 23 30.61 +13 33.5 19.9 | -0.93 - 3.4 | 5.5/19.9 | 94507 |
| 1999 RQ <sub>58</sub>  | 2008 09 14.5 | 23 30.64 +10 12.4 18.4 | -1.02 + 1.9 | 6.0/17.9 | 42574 |
| 2006 HE <sub>108</sub> | 2008 09 14.5 | 23 30.66 +10 23.1 21.2 | -0.68 - 7.3 | 3.5/19.6 | 01721 |
| 2004 VF <sub>6</sub>   | 2008 09 14.5 | 23 30.69 -13 47.5 19.6 | -0.86 - 4.8 | 3.6/11.1 | 43221 |
| 2005 WV <sub>43</sub>  | 2008 09 14.5 | 23 30.73 +06 58.4 19.9 | -0.92 - 7.0 | 4.1/18.0 | 43243 |
| 2006 DZ <sub>111</sub> | 2008 09 14.5 | 23 30.74 +03 40.4 17.8 | -0.90 - 0.4 | 3.0/16.5 | 43262 |
| 2005 UZ <sub>41</sub>  | 2008 09 14.5 | 23 30.75 -07 15.0 19.1 | -0.93 - 6.6 | 1.8/13.3 | 43236 |
| 2001 QX <sub>34</sub>  | 2008 09 14.5 | 23 30.75 +00 52.0 18.9 | -0.93 - 5.4 | 1.9/15.9 | 43122 |
| 2004 XX <sub>110</sub> | 2008 09 14.6 | 23 30.69 -20 56.9 18.6 | -0.94 - 2.3 | 7.0/08.9 | 43226 |

2008 SEPT. 17

M.P.C. 63915

|                        |              |                        |             |           |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 GF <sub>49</sub>  | 2008 09 14.6 | 23 30.71 -21 09.7 19.3 | -0.77 - 7.3 | 5.6/07.8  | 01604 | 2003 SG <sub>306</sub> | 2008 09 14.7 | 23 31.32 +11 24.3 18.6 | -0.73 - 5.2 | 4.8/19.9  | 43183 |
| 2002 AE <sub>28</sub>  | 2008 09 14.6 | 23 30.71 +00 47.4 19.3 | -0.91 - 4.3 | 1.3/15.8  | 43143 | 2006 HS <sub>70</sub>  | 2008 09 14.7 | 23 31.33 -03 55.3 20.5 | -0.72 - 5.4 | 0.2/14.5  | 43267 |
| 2007 FK <sub>37</sub>  | 2008 09 14.6 | 23 30.72 -12 20.8 20.7 | -0.84 - 3.3 | 3.1/11.8  | 26265 | 2003 WL <sub>31</sub>  | 2008 09 14.7 | 23 31.35 +16 01.1 19.7 | -0.70 - 5.9 | 5.3/21.9  | 43193 |
| 2002 CL <sub>54</sub>  | 2008 09 14.6 | 23 30.73 -01 00.6 20.1 | -0.47 - 2.7 | 0.4/15.4  | 26609 | 2003 KF <sub>1</sub>   | 2008 09 14.7 | 23 31.37 +01 52.0 19.5 | -0.78 -10.1 | 1.6/16.6  | 43172 |
| 2004 JQ <sub>43</sub>  | 2008 09 14.6 | 23 30.73 -12 08.3 19.2 | -0.56 - 1.5 | 1.7/11.6  | 43201 | 2001 UN <sub>29</sub>  | 2008 09 14.7 | 23 31.37 -10 31.5 18.5 | -0.60 - 9.2 | 3.8/11.8  | 43133 |
| 2001 FQ <sub>141</sub> | 2008 09 14.6 | 23 30.74 -11 55.3 19.9 | -0.79 - 3.3 | 2.5/11.8  | 97437 | 2004 RA <sub>323</sub> | 2008 09 14.7 | 23 31.37 -00 33.7 18.1 | -0.78 - 1.2 | 1.3/15.5  | 42715 |
| 2004 TT <sub>280</sub> | 2008 09 14.6 | 23 30.76 -06 06.4 20.0 | -0.81 - 4.5 | 0.9/13.7  | 02222 | 2004 VJ <sub>21</sub>  | 2008 09 14.7 | 23 31.39 -08 59.6 20.1 | -0.84 - 5.5 | 2.2/12.8  | 97768 |
| 2007 HP <sub>47</sub>  | 2008 09 14.6 | 23 30.76 -04 51.0 20.1 | -0.87 - 6.9 | 0.6/14.0  | 43282 | 2008 PF                | 2008 09 14.7 | 23 31.42 +26 09.9 18.6 | -0.63 -19.8 | 11.3/29.9 | 42984 |
| 2007 HZ <sub>47</sub>  | 2008 09 14.6 | 23 30.76 +01 32.9 19.0 | -0.78 - 9.4 | 2.0/16.3  | 43282 | 2006 CY <sub>30</sub>  | 2008 09 14.7 | 23 31.43 -03 33.0 19.3 | -0.76 - 7.6 | 0.2/14.6  | 43258 |
| 2001 VB <sub>119</sub> | 2008 09 14.6 | 23 30.78 -02 27.7 18.8 | -0.84 - 5.1 | 0.3/14.9  | 43137 | 2004 TQ <sub>229</sub> | 2008 09 14.8 | 23 31.39 -02 49.3 20.2 | -0.84 - 5.5 | 0.1/14.9  | 43218 |
| 2007 EV <sub>140</sub> | 2008 09 14.6 | 23 30.79 +00 20.2 21.8 | -0.92 - 6.8 | 1.2/15.8  | 19430 | 2004 GQ <sub>30</sub>  | 2008 09 14.8 | 23 31.42 -06 55.6 19.5 | -0.96 - 7.2 | 1.5/13.6  | 43200 |
| 2000 YH <sub>133</sub> | 2008 09 14.6 | 23 30.80 -02 32.5 17.4 | -0.51 -17.1 | 0.3/14.9  | 43117 | 2006 DB <sub>14</sub>  | 2008 09 14.8 | 23 31.47 -09 28.4 20.8 | -0.82 - 2.8 | 1.8/12.8  | 09518 |
| 2003 WD <sub>59</sub>  | 2008 09 14.6 | 23 30.83 -12 18.8 20.1 | -0.76 - 4.3 | 2.7/11.6  | 02193 | 2005 YZ <sub>99</sub>  | 2008 09 14.8 | 23 31.48 +03 39.5 21.1 | -0.89 - 4.4 | 2.2/17.0  | 96761 |
| 2001 SJ <sub>347</sub> | 2008 09 14.6 | 23 30.83 +01 40.7 18.8 | -1.02 - 3.0 | 1.9/16.0  | 97476 | 2007 DS <sub>50</sub>  | 2008 09 14.8 | 23 31.51 -01 09.7 20.3 | -1.03 - 5.4 | 0.7/15.4  | 43273 |
| 2007 LV <sub>15</sub>  | 2008 09 14.6 | 23 30.84 -10 21.7 21.3 | -0.78 - 7.8 | 2.3/12.1  | 21253 | 2002 QB <sub>70</sub>  | 2008 09 14.8 | 23 31.52 -06 36.0 19.7 | -0.66 - 7.4 | 1.0/13.5  | 97611 |
| 2005 YE <sub>164</sub> | 2008 09 14.6 | 23 30.86 +01 29.3 18.9 | -0.98 - 3.4 | 2.2/16.0  | 43249 | 2005 WZ <sub>47</sub>  | 2008 09 14.8 | 23 31.54 -14 52.6 20.5 | -0.97 - 4.7 | 4.5/11.1  | 21350 |
| 1997 PC <sub>3</sub>   | 2008 09 14.6 | 23 30.87 -09 50.0 18.5 | -0.63 -11.0 | 2.4/12.0  | 43093 | 1995 FA                | 2008 09 14.8 | 23 31.62 +00 48.3 20.3 | -0.84 - 7.5 | 1.3/16.2  | 43091 |
| 2001 VS <sub>100</sub> | 2008 09 14.6 | 23 30.87 -09 01.2 20.2 | -0.93 - 5.0 | 2.0/12.8  | 97507 | 2002 CE <sub>74</sub>  | 2008 09 14.8 | 23 31.63 +04 58.4 19.1 | -0.97 - 2.1 | 2.7/17.2  | 43146 |
| 2005 YX <sub>163</sub> | 2008 09 14.6 | 23 30.90 +04 10.9 19.7 | -0.98 - 4.8 | 2.8/16.9  | 43249 | 2002 GX <sub>56</sub>  | 2008 09 14.8 | 23 31.64 +10 04.8 20.9 | -0.77 - 6.3 | 3.5/19.6  | 31997 |
| 2001 KF <sub>33</sub>  | 2008 09 14.6 | 23 30.92 -06 39.1 19.9 | -0.72 - 5.2 | 1.0/13.5  | 07918 | 2001 TE <sub>149</sub> | 2008 09 14.8 | 23 31.65 -27 53.8 18.9 | -1.13 + 1.8 | 12.0/07.8 | 43131 |
| 2007 HM                | 2008 09 14.6 | 23 30.92 -02 03.5 19.9 | -0.75 - 8.3 | 0.4/15.0  | 43281 | 2004 GC <sub>11</sub>  | 2008 09 14.8 | 23 31.65 -10 57.0 19.2 | -1.04 - 2.9 | 3.4/12.6  | 43200 |
| 2003 AE <sub>47</sub>  | 2008 09 14.6 | 23 30.92 -14 29.7 20.0 | -0.99 - 5.8 | 4.3/11.0  | 20773 | 2004 TK <sub>194</sub> | 2008 09 14.8 | 23 31.65 +10 14.5 20.5 | -0.83 - 7.3 | 4.4/19.5  | 03641 |
| 2006 BP <sub>94</sub>  | 2008 09 14.6 | 23 30.93 -02 19.8 19.9 | -0.78 - 5.7 | 0.3/14.9  | 43254 | 2005 WM <sub>66</sub>  | 2008 09 14.8 | 23 31.65 +03 06.2 20.0 | -0.91 - 6.7 | 2.4/16.9  | 43243 |
| 2006 BW <sub>25</sub>  | 2008 09 14.6 | 23 30.93 -14 23.8 21.1 | -0.78 - 7.6 | 3.3/10.6  | 03839 | 2001 SW <sub>5</sub>   | 2008 09 14.8 | 23 31.66 -01 01.0 17.8 | -1.75 +14.4 | 1.1/15.0  | 20980 |
| 2000 SJ <sub>250</sub> | 2008 09 14.6 | 23 30.98 -15 47.1 19.7 | -0.98 - 3.1 | 4.6/10.8  | 41759 | 2005 WF <sub>192</sub> | 2008 09 14.8 | 23 31.70 -10 30.3 20.8 | -0.91 - 8.1 | 2.6/12.3  | 96587 |
| 2002 EK <sub>127</sub> | 2008 09 14.6 | 23 30.99 -03 59.9 19.6 | -0.65 - 0.3 | 0.2/14.4  | 33973 | 2005 WG <sub>95</sub>  | 2008 09 14.8 | 23 31.71 +07 34.4 19.7 | -0.90 - 6.6 | 4.0/18.5  | 43244 |
| 2005 WS <sub>171</sub> | 2008 09 14.6 | 23 31.03 -04 03.3 20.8 | -0.88 - 6.2 | 0.3/14.4  | 43245 | 2003 FJ <sub>38</sub>  | 2008 09 14.8 | 23 31.72 -01 06.5 20.8 | -0.50 - 2.5 | 0.3/15.6  | 24391 |
| 2004 XM <sub>137</sub> | 2008 09 14.6 | 23 31.03 -23 30.6 19.0 | -0.90 - 2.4 | 6.4/08.1  | 43226 | 2005 EV <sub>177</sub> | 2008 09 14.8 | 23 31.74 +06 20.6 19.9 | -0.83 - 1.6 | 2.8/17.7  | 77842 |
| 2007 EF <sub>105</sub> | 2008 09 14.6 | 23 31.05 -04 05.7 19.4 | -0.93 - 8.4 | 0.4/14.4  | 43276 | 2006 DZ <sub>26</sub>  | 2008 09 14.8 | 23 31.74 -05 16.9 19.9 | -0.69 - 7.9 | 0.7/14.1  | 43259 |
| 2007 EL <sub>18</sub>  | 2008 09 14.6 | 23 31.09 -06 26.1 20.2 | -0.95 - 5.0 | 1.2/13.7  | 19380 | 2005 UV <sub>281</sub> | 2008 09 14.8 | 23 31.77 +04 28.7 20.1 | -0.90 - 7.6 | 2.9/17.5  | 43239 |
| 2001 TV <sub>123</sub> | 2008 09 14.6 | 23 31.11 +11 49.0 18.9 | -0.92 - 5.2 | 6.4/19.6  | 43131 | 2002 AY <sub>123</sub> | 2008 09 14.8 | 23 31.79 -13 09.6 20.5 | -0.84 - 6.6 | 3.3/11.4  | 22694 |
| 2001 TB <sub>1</sub>   | 2008 09 14.6 | 23 31.13 -16 20.1 19.1 | -1.04 - 2.9 | 5.7/10.7  | 43129 | 2001 SV <sub>99</sub>  | 2008 09 14.8 | 23 31.80 +01 22.2 20.0 | -0.87 - 8.6 | 1.7/16.4  | 43127 |
| 2007 EZ <sub>96</sub>  | 2008 09 14.7 | 23 31.08 +00 50.8 21.4 | -0.88 - 7.6 | 1.3/16.1  | 20854 | 1995 TB <sub>11</sub>  | 2008 09 14.8 | 23 31.82 +16 16.1 20.2 | -0.92 - 3.5 | 6.9/21.4  | 10684 |
| 2007 HC <sub>39</sub>  | 2008 09 14.7 | 23 31.12 -04 20.6 20.3 | -0.92 - 7.8 | 0.5/14.3  | 43282 | 2007 HX <sub>12</sub>  | 2008 09 14.8 | 23 31.83 -32 22.5 20.3 | -0.96 - 0.7 | 8.3/06.1  | 21879 |
| 2003 QE <sub>108</sub> | 2008 09 14.7 | 23 31.12 +00 22.0 18.3 | -1.84 + 7.4 | 1.8/15.2  | 43175 | 2006 DH <sub>82</sub>  | 2008 09 14.9 | 23 31.77 -04 07.8 20.6 | -0.76 - 4.8 | 0.3/14.5  | 43261 |
| 2002 AM <sub>173</sub> | 2008 09 14.7 | 23 31.16 -02 25.1 19.9 | -0.93 - 5.2 | 0.3/14.9  | 43144 | 2006 BD <sub>111</sub> | 2008 09 14.9 | 23 31.77 -07 51.9 20.4 | -0.82 - 4.7 | 1.7/13.3  | 20486 |
| 2002 GX <sub>113</sub> | 2008 09 14.7 | 23 31.18 -14 29.7 20.2 | -0.84 - 5.2 | 3.5/10.9  | 03312 | 2001 EA <sub>3</sub>   | 2008 09 14.9 | 23 31.82 -06 54.8 19.2 | -0.76 - 6.1 | 1.3/13.6  | 02030 |
| 2005 UY <sub>352</sub> | 2008 09 14.7 | 23 31.18 +01 16.2 18.4 | -1.06 - 1.6 | 2.1/15.9  | 42778 | 2006 FM <sub>44</sub>  | 2008 09 14.9 | 23 31.82 +01 47.2 19.8 | -0.67 - 7.5 | 1.3/16.7  | 43266 |
| 2004 XY <sub>64</sub>  | 2008 09 14.7 | 23 31.21 -14 46.7 18.1 | -0.91 - 0.8 | 5.2/11.3  | 42733 | 2007 JA <sub>38</sub>  | 2008 09 14.9 | 23 31.83 -13 15.0 19.4 | -0.86 - 3.9 | 3.8/11.7  | 43284 |
| 2004 RB <sub>271</sub> | 2008 09 14.7 | 23 31.22 -04 18.5 20.7 | -0.91 - 4.6 | 0.4/14.4  | 43211 | 2001 XA <sub>57</sub>  | 2008 09 14.9 | 23 31.88 -08 58.1 19.6 | -0.91 - 6.0 | 2.1/13.0  | 94333 |
| 2004 TB <sub>257</sub> | 2008 09 14.7 | 23 31.24 -20 16.8 19.3 | -1.08 + 0.9 | 6.9/10.2  | 43219 | 2005 WE <sub>116</sub> | 2008 09 14.9 | 23 31.89 -12 23.1 20.9 | -0.93 - 6.8 | 3.3/11.8  | 01142 |
| 2007 DV <sub>23</sub>  | 2008 09 14.7 | 23 31.25 -06 03.3 21.2 | -0.91 - 8.3 | 1.1/13.7  | 43273 | 2006 DZ <sub>83</sub>  | 2008 09 14.9 | 23 31.89 -01 02.1 19.8 | -0.76 - 4.4 | 0.6/15.6  | 43261 |
| 2005 WD <sub>103</sub> | 2008 09 14.7 | 23 31.26 -09 14.6 20.5 | -0.95 - 7.6 | 2.3/12.7  | 09458 | 2002 GZ <sub>3</sub>   | 2008 09 14.9 | 23 31.91 -31 36.0 21.4 | -1.16 - 0.2 | 8.2/06.3  | 02091 |
| 2005 WH <sub>100</sub> | 2008 09 14.7 | 23 31.27 +05 43.3 19.9 | -0.84 - 7.3 | 4.2/17.8  | 43244 | 2002 CW <sub>22</sub>  | 2008 09 14.9 | 23 31.92 -00 18.7 20.1 | -0.90 - 4.5 | 0.9/15.8  | 43145 |
| 2007 DQ <sub>109</sub> | 2008 09 14.7 | 23 31.28 -04 50.5 18.8 | -0.77 - 9.9 | 0.7/14.1  | 43274 | 2002 EX <sub>128</sub> | 2008 09 14.9 | 23 31.98 -00 33.5 19.0 | -0.55 - 1.7 | 0.5/15.8  | 43151 |
| 2005 VQ <sub>123</sub> | 2008 09 14.7 | 23 31.28 -01 06.2 21.4 | -0.93 - 5.4 | 0.7/15.4  | 09446 | 2000 AR <sub>250</sub> | 2008 09 14.9 | 23 31.99 -02 51.9 21.0 | -0.73 - 4.8 | 0.0/15.0  | 43103 |
| 2002 GA <sub>142</sub> | 2008 09 14.7 | 23 31.29 +21 04.7 19.5 | -0.83 -18.1 | 10.7/25.5 | 43153 | 2002 NZ <sub>64</sub>  | 2008 09 14.9 | 23 32.05 -27 55.8 19.4 | -0.77 - 6.4 | 8.2/05.1  | 43156 |
| 2002 EZ <sub>135</sub> | 2008 09 14.7 | 23 31.29 -03 58.8 20.0 | -0.83 - 6.3 | 0.3/14.5  | 43151 | 2003 GN <sub>41</sub>  | 2008 09 14.9 | 23 32.05 +00 50.2 20.0 | -0.76 -12.0 | 1.4/16.5  | 43171 |
| 2001 XL <sub>124</sub> | 2008 09 14.7 | 23 31.29 -16 19.1 19.9 | -0.91 - 5.7 | 4.7/10.4  | 20754 | 2004 TC <sub>361</sub> | 2008 09 14.9 | 23 32.06 -02 37.8 20.0 | -0.85 - 4.5 | 0.1/15.1  | 43220 |
| 2006 FF <sub>15</sub>  | 2008 09 14.7 | 23 31.30 -17 23.2 19.5 | -0.82 - 3.2 | 4.3/10.1  | 43265 | 2004 TA <sub>275</sub> | 2008 09 14.9 | 23 32.07 -22 36.2 21.2 | -1.01 - 2.1 | 6.4/08.8  | 00824 |
| 2002 GY <sub>122</sub> | 2008 09 14.7 | 23 31.32 -08 12.8 21.3 | -0.81 - 5.3 | 1.5/13.1  | 94752 | 1981 DW <sub>1</sub>   | 2008 09 14.9 | 23 32.08 +07 06.9 20.2 | -0.85 - 5.4 | 3.2/18.4  | 43091 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1995 WX <sub>26</sub>  | 2008 09 14.9 | 23 32.08 -12 01.9 20.4 | -0.87 - 3.3 | 2.6/12.2  | 10685 |
| 2001 VW <sub>25</sub>  | 2008 09 14.9 | 23 32.08 -08 01.6 20.0 | -0.95 - 5.2 | 1.9/13.4  | 94260 |
| 2004 VN <sub>26</sub>  | 2008 09 14.9 | 23 32.16 -06 34.8 19.1 | -0.90 - 2.8 | 1.3/13.9  | 43222 |
| 2003 BC <sub>67</sub>  | 2008 09 14.9 | 23 32.18 -01 22.6 20.0 | -0.99 - 5.3 | 0.6/15.5  | 43168 |
| 2001 RY <sub>94</sub>  | 2008 09 15.0 | 23 32.12 +01 32.5 17.7 | -1.02 - 1.8 | 2.1/16.3  | 43125 |
| 2005 AF <sub>51</sub>  | 2008 09 15.0 | 23 32.13 -12 40.7 20.0 | -0.68 - 6.5 | 2.7/11.5  | 43228 |
| 1999 XU <sub>210</sub> | 2008 09 15.0 | 23 32.16 +20 50.1 18.8 | -1.03 + 2.2 | 10.1/21.1 | 43102 |
| 2001 SX <sub>164</sub> | 2008 09 15.0 | 23 32.17 +08 02.6 18.1 | -0.85 - 6.6 | 4.9/18.8  | 23754 |
| 2006 AL <sub>37</sub>  | 2008 09 15.0 | 23 32.19 -12 33.0 19.7 | -0.80 - 6.1 | 3.6/11.7  | 43251 |
| 2001 YV <sub>1</sub>   | 2008 09 15.0 | 23 32.20 -46 17.9 20.9 | -1.43 - 2.3 | 17.1/30.8 | 85358 |
| 2006 DT <sub>1</sub>   | 2008 09 15.0 | 23 32.21 -08 22.3 20.1 | -0.83 - 5.2 | 1.8/13.2  | 01322 |
| 2005 YH <sub>223</sub> | 2008 09 15.0 | 23 32.28 -04 16.1 20.7 | -0.97 - 5.3 | 0.5/14.6  | 43249 |
| 2003 SR <sub>93</sub>  | 2008 09 15.0 | 23 32.28 -11 11.4 19.1 | -0.89 - 1.6 | 2.8/12.6  | 43178 |
| 1996 RD <sub>29</sub>  | 2008 09 15.0 | 23 32.30 +00 10.6 19.8 | -0.46 - 3.7 | 0.5/16.2  | 43092 |
| 2003 CH <sub>18</sub>  | 2008 09 15.0 | 23 32.31 +03 38.4 19.8 | -0.97 - 5.3 | 2.5/17.1  | 43168 |
| 2001 PX <sub>18</sub>  | 2008 09 15.0 | 23 32.33 -10 50.4 18.6 | -1.03 + 0.4 | 4.1/13.0  | 43121 |
| 2002 QV <sub>106</sub> | 2008 09 15.0 | 23 32.35 +06 02.1 20.1 | -0.78 - 3.0 | 2.6/18.0  | 13924 |
| 2006 CO <sub>59</sub>  | 2008 09 15.0 | 23 32.36 -03 09.4 21.0 | -0.73 - 4.8 | 0.0/15.0  | 43258 |
| 1999 RR <sub>20</sub>  | 2008 09 15.0 | 23 32.36 +01 51.9 18.4 | -0.68 -16.5 | 1.7/17.1  | 43097 |
| 2001 YD <sub>117</sub> | 2008 09 15.0 | 23 32.36 -02 36.3 18.5 | -0.94 - 4.2 | 0.2/15.2  | 43142 |
| 2002 DU <sub>11</sub>  | 2008 09 15.0 | 23 32.37 +00 48.6 20.2 | -0.49 - 2.7 | 0.7/16.4  | 43149 |
| 2006 BD <sub>275</sub> | 2008 09 15.0 | 23 32.38 -02 41.4 19.8 | -0.75 - 7.4 | 0.1/15.2  | 11158 |
| 2003 HN <sub>24</sub>  | 2008 09 15.0 | 23 32.45 +03 20.4 20.8 | -0.47 - 4.0 | 1.2/17.4  | 04256 |
| 2006 GU <sub>50</sub>  | 2008 09 15.0 | 23 32.51 -18 01.5 20.5 | -0.72 - 6.1 | 3.9/09.6  | 03892 |
| 2000 WV <sub>115</sub> | 2008 09 15.0 | 23 32.52 +13 17.2 19.6 | -0.90 - 4.1 | 6.3/20.3  | 43115 |
| 2007 HB <sub>35</sub>  | 2008 09 15.0 | 23 32.53 -11 37.4 21.0 | -0.93 - 3.4 | 2.8/12.5  | 20640 |
| 2003 UQ <sub>223</sub> | 2008 09 15.0 | 23 32.53 +12 05.0 18.9 | -0.73 - 4.9 | 4.9/20.4  | 43190 |
| 2001 UE <sub>87</sub>  | 2008 09 15.0 | 23 32.54 +00 45.7 20.4 | -0.90 - 6.4 | 1.4/16.3  | 43134 |
| 2001 QY <sub>289</sub> | 2008 09 15.0 | 23 32.55 +06 01.4 19.4 | -1.03 - 4.1 | 3.6/18.0  | 17941 |
| 1999 SJ <sub>21</sub>  | 2008 09 15.1 | 23 32.48 -02 53.8 19.6 | -0.84 - 4.1 | 0.0/15.1  | 43098 |
| 2001 TL <sub>51</sub>  | 2008 09 15.1 | 23 32.53 +01 05.9 18.9 | -0.70 - 9.7 | 2.0/16.7  | 43130 |
| 2003 UU <sub>284</sub> | 2008 09 15.1 | 23 32.60 -00 33.8 19.1 | -0.71 - 6.0 | 0.9/16.0  | 43192 |
| 2007 EZ <sub>23</sub>  | 2008 09 15.1 | 23 32.61 -07 58.5 20.3 | -0.90 - 6.6 | 1.8/13.5  | 22880 |
| 2003 UA <sub>339</sub> | 2008 09 15.1 | 23 32.64 -06 43.9 21.4 | -0.72 - 4.5 | 0.9/13.9  | 25953 |
| 2003 EF <sub>33</sub>  | 2008 09 15.1 | 23 32.65 -02 28.5 20.7 | -0.93 - 5.3 | 0.2/15.3  | 43168 |
| 2002 GZ <sub>104</sub> | 2008 09 15.1 | 23 32.65 -29 57.7 18.9 | -0.82 - 0.8 | 11.3/06.5 | 43153 |
| 2003 YY <sub>52</sub>  | 2008 09 15.1 | 23 32.69 -53 32.7 19.6 | -1.71 + 5.5 | 24.5/29.0 | 43197 |
| 2007 GG <sub>51</sub>  | 2008 09 15.1 | 23 32.72 -08 16.3 20.8 | -0.85 - 6.1 | 1.8/13.4  | 20869 |
| 2006 KD <sub>18</sub>  | 2008 09 15.1 | 23 32.78 +00 04.6 20.9 | -0.66 - 7.8 | 0.8/16.3  | 43268 |
| 2004 TV <sub>263</sub> | 2008 09 15.1 | 23 32.80 +01 58.9 19.2 | -0.83 - 5.2 | 1.8/16.8  | 43219 |
| 2004 XY <sub>155</sub> | 2008 09 15.1 | 23 32.80 -01 07.8 19.5 | -0.85 - 4.1 | 0.7/15.7  | 43227 |
| 2003 SX <sub>179</sub> | 2008 09 15.1 | 23 32.80 -09 33.9 19.4 | -0.68 - 9.4 | 2.3/12.6  | 43180 |
| 2003 UD <sub>56</sub>  | 2008 09 15.1 | 23 32.84 -22 16.6 19.1 | -0.87 - 1.7 | 6.7/09.3  | 41800 |
| 2006 CF <sub>22</sub>  | 2008 09 15.1 | 23 32.88 -09 04.5 19.4 | -0.88 - 5.9 | 2.3/13.2  | 43258 |
| 2006 BE <sub>147</sub> | 2008 09 15.1 | 23 32.88 -06 16.1 19.3 | -0.76 - 7.7 | 1.2/14.0  | 43255 |
| 2001 QW <sub>166</sub> | 2008 09 15.2 | 23 32.84 -11 26.5 18.5 | -1.02 - 0.6 | 4.2/12.9  | 43123 |
| 2001 WF <sub>15</sub>  | 2008 09 15.2 | 23 32.84 -07 21.9 18.9 | -1.12 - 0.4 | 1.8/14.1  | 43137 |
| 2003 FW <sub>104</sub> | 2008 09 15.2 | 23 32.87 -06 04.9 21.3 | -0.88 - 7.9 | 1.1/14.1  | 43170 |
| 1999 TH <sub>256</sub> | 2008 09 15.2 | 23 32.89 +07 47.7 19.0 | -0.71 -15.1 | 3.7/19.6  | 43099 |
| 2006 BO <sub>25</sub>  | 2008 09 15.2 | 23 32.94 -09 30.4 20.3 | -0.79 - 7.9 | 2.2/12.9  | 01229 |
| 2005 VJ <sub>67</sub>  | 2008 09 15.2 | 23 32.94 -01 52.6 20.2 | -0.95 - 5.6 | 0.4/15.6  | 20823 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 GV <sub>129</sub> | 2008 09 15.2 | 23 32.97 +00 34.0 20.2 | -0.84 - 6.0 | 1.1/16.4  | 43153 |
| 2007 EZ <sub>2</sub>   | 2008 09 15.2 | 23 32.99 -07 08.6 21.0 | -0.96 - 6.8 | 1.6/13.9  | 20548 |
| 2004 XD <sub>37</sub>  | 2008 09 15.2 | 23 33.02 -18 46.1 20.0 | -0.79 - 4.4 | 4.7/09.8  | 00872 |
| 2001 QS <sub>114</sub> | 2008 09 15.2 | 23 33.04 +05 42.7 18.4 | -0.76 -10.4 | 3.9/18.5  | 43122 |
| 1999 TX <sub>169</sub> | 2008 09 15.2 | 23 33.08 +04 15.3 19.3 | -0.77 - 6.7 | 2.6/17.8  | 43099 |
| 2002 PE <sub>163</sub> | 2008 09 15.2 | 23 33.10 +06 26.9 19.8 | -0.81 - 2.6 | 2.8/18.2  | 43159 |
| 2007 JV <sub>27</sub>  | 2008 09 15.2 | 23 33.10 +02 10.0 20.0 | -0.78 - 6.5 | 1.7/17.0  | 43284 |
| 2006 HW <sub>22</sub>  | 2008 09 15.2 | 23 33.12 -17 57.4 20.8 | -0.77 - 3.2 | 4.0/10.3  | 11168 |
| 2005 VJ <sub>4</sub>   | 2008 09 15.2 | 23 33.15 +02 15.6 19.0 | -1.11 - 1.5 | 2.4/16.6  | 04362 |
| 2006 BM <sub>102</sub> | 2008 09 15.2 | 23 33.15 -02 40.8 20.2 | -0.80 - 6.3 | 0.1/15.3  | 43254 |
| 2000 VS <sub>1</sub>   | 2008 09 15.2 | 23 33.15 +17 54.9 18.9 | -0.72 - 9.1 | 8.3/23.7  | 43113 |
| 2007 GC <sub>34</sub>  | 2008 09 15.2 | 23 33.18 +00 13.6 20.2 | -0.97 - 5.2 | 1.1/16.3  | 43279 |
| 2001 YX <sub>50</sub>  | 2008 09 15.2 | 23 33.18 +04 21.5 20.6 | -0.96 - 4.9 | 2.8/17.5  | 94428 |
| 1999 VB <sub>24</sub>  | 2008 09 15.2 | 23 33.22 +09 44.2 18.6 | -0.79 - 5.7 | 4.9/19.6  | 43101 |
| 2006 BK <sub>40</sub>  | 2008 09 15.3 | 23 33.18 +01 12.9 21.1 | -0.74 - 5.4 | 1.2/16.7  | 97009 |
| 2002 JT <sub>10</sub>  | 2008 09 15.3 | 23 33.19 -21 50.4 19.9 | -0.79 - 6.1 | 5.3/08.5  | 02100 |
| 2005 UC <sub>268</sub> | 2008 09 15.3 | 23 33.20 -13 48.3 18.6 | -0.91 - 2.0 | 5.9/12.0  | 43239 |
| 2006 BU <sub>199</sub> | 2008 09 15.3 | 23 33.21 -06 38.1 20.8 | -0.77 - 6.5 | 1.2/14.0  | 01284 |
| 2002 CU <sub>224</sub> | 2008 09 15.3 | 23 33.22 +02 48.3 20.9 | -0.86 - 3.4 | 1.6/17.1  | 30685 |
| 2005 XG <sub>18</sub>  | 2008 09 15.3 | 23 33.23 -07 56.0 21.0 | -0.89 - 6.3 | 1.7/13.6  | 96607 |
| 2006 DG <sub>93</sub>  | 2008 09 15.3 | 23 33.26 -03 14.5 20.8 | -0.76 - 4.3 | 0.1/15.2  | 43261 |
| 2003 GR <sub>35</sub>  | 2008 09 15.3 | 23 33.28 -24 30.6 19.7 | -0.93 - 4.7 | 7.7/08.3  | 43171 |
| 2005 XM <sub>38</sub>  | 2008 09 15.3 | 23 33.29 +02 07.8 19.5 | -0.83 - 2.6 | 1.5/16.9  | 42787 |
| 2006 BQ <sub>96</sub>  | 2008 09 15.3 | 23 33.32 -03 20.0 20.5 | -0.78 - 6.3 | 0.1/15.2  | 43254 |
| 2001 SU <sub>12</sub>  | 2008 09 15.3 | 23 33.33 -02 41.0 18.2 | -0.68 -14.8 | 0.1/15.4  | 43126 |
| 2004 VO <sub>71</sub>  | 2008 09 15.3 | 23 33.36 -22 36.7 19.9 | -0.92 - 2.6 | 6.7/09.0  | 74437 |
| 2004 RA <sub>217</sub> | 2008 09 15.3 | 23 33.36 +09 11.8 18.6 | -1.02 - 1.0 | 5.2/18.8  | 43210 |
| 2002 AN <sub>102</sub> | 2008 09 15.3 | 23 33.38 +09 01.2 20.4 | -1.01 - 2.0 | 4.7/18.7  | 43143 |
| 2005 VE <sub>40</sub>  | 2008 09 15.3 | 23 33.38 +01 07.4 21.6 | -0.94 - 6.6 | 1.4/16.7  | 21610 |
| 2007 DR <sub>60</sub>  | 2008 09 15.3 | 23 33.41 +11 49.7 19.8 | -0.99 - 2.5 | 4.7/19.8  | 21362 |
| 2006 EY <sub>8</sub>   | 2008 09 15.3 | 23 33.45 -05 19.2 20.7 | -0.89 - 4.8 | 0.9/14.6  | 43264 |
| 2006 BY <sub>143</sub> | 2008 09 15.3 | 23 33.52 +03 38.7 21.5 | -0.84 - 5.7 | 2.0/17.5  | 97082 |
| 2007 DK <sub>17</sub>  | 2008 09 15.3 | 23 33.57 -13 02.6 20.1 | -0.93 - 8.2 | 4.3/11.9  | 43273 |
| 2005 YH <sub>127</sub> | 2008 09 15.3 | 23 33.58 -04 00.5 20.6 | -0.97 - 5.2 | 0.4/15.0  | 43248 |
| 2004 FL <sub>14</sub>  | 2008 09 15.3 | 23 33.59 -32 04.5 17.8 | -1.85 +16.2 | 15.5/13.7 | 43199 |
| 2002 CD <sub>38</sub>  | 2008 09 15.3 | 23 33.62 +08 22.2 19.8 | -0.91 - 3.5 | 3.8/18.9  | 43146 |
| 2001 VJ <sub>82</sub>  | 2008 09 15.3 | 23 33.62 -01 46.0 19.1 | -1.03 - 3.5 | 0.4/15.7  | 43136 |
| 2007 JS                | 2008 09 15.4 | 23 33.59 -03 52.9 19.0 | -0.72 -11.5 | 0.4/15.0  | 43283 |
| 2003 TZ <sub>19</sub>  | 2008 09 15.4 | 23 33.59 +05 26.0 20.3 | -0.79 - 3.0 | 2.4/18.1  | 74288 |
| 2005 CT <sub>23</sub>  | 2008 09 15.4 | 23 33.59 +17 51.4 19.4 | -0.78 - 2.7 | 5.8/22.4  | 43229 |
| 2005 XX <sub>23</sub>  | 2008 09 15.4 | 23 33.60 -18 32.3 19.4 | -0.98 - 3.5 | 7.2/10.5  | 19674 |
| 2001 TW <sub>143</sub> | 2008 09 15.4 | 23 33.61 -11 26.3 20.3 | -0.97 - 6.0 | 3.5/12.6  | 43131 |
| 2006 DV <sub>34</sub>  | 2008 09 15.4 | 23 33.71 -03 36.6 19.8 | -0.82 - 7.5 | 0.3/15.2  | 43260 |
| 2002 JA <sub>103</sub> | 2008 09 15.4 | 23 33.72 -25 27.8 19.7 | -0.87 - 3.6 | 6.7/07.8  | 43155 |
| 2006 BF <sub>12</sub>  | 2008 09 15.4 | 23 33.76 -02 46.6 20.0 | -0.86 - 5.8 | 0.0/15.5  | 43252 |
| 2005 YV <sub>14</sub>  | 2008 09 15.4 | 23 33.77 -29 44.0 21.1 | -0.85 - 7.0 | 8.5/05.1  | 26112 |
| 2002 GY <sub>178</sub> | 2008 09 15.4 | 23 33.78 -02 59.3 20.0 | -0.80 - 5.9 | 0.1/15.4  | 43154 |
| 1996 RY <sub>30</sub>  | 2008 09 15.4 | 23 33.78 +00 43.3 19.4 | -0.56 - 1.5 | 0.7/16.6  | 43093 |
| 2002 EL <sub>85</sub>  | 2008 09 15.4 | 23 33.78 -05 05.2 19.5 | -0.46 - 4.0 | 0.4/14.6  | 43150 |
| 2001 XX <sub>32</sub>  | 2008 09 15.4 | 23 33.81 -07 28.0 20.2 | -0.86 - 6.0 | 2.1/13.9  | 43138 |
| 1999 BH <sub>1</sub>   | 2008 09 15.4 | 23 33.84 +07 53.4 18.4 | -0.92 - 4.0 | 5.2/18.8  | 43096 |

|                        |              |                   |                  |           |       |
|------------------------|--------------|-------------------|------------------|-----------|-------|
| 2003 UM <sub>73</sub>  | 2008 09 15.4 | 23 33.86 +07 33.3 | 19.0 -0.70 - 6.6 | 3.3/19.2  | 43186 |
| 2007 CZ <sub>12</sub>  | 2008 09 15.4 | 23 33.86 +26 27.5 | 19.8 -1.47 + 2.7 | 13.6/22.9 | 18194 |
| 2001 XK <sub>237</sub> | 2008 09 15.4 | 23 33.87 -04 11.7 | 19.9 -0.93 - 4.9 | 0.5/15.0  | 43141 |
| 2003 UU <sub>120</sub> | 2008 09 15.4 | 23 33.87 -08 52.1 | 19.6 -1.01 + 0.2 | 1.8/13.9  | 76088 |
| 2005 AJ <sub>55</sub>  | 2008 09 15.4 | 23 33.87 -16 14.9 | 20.0 -0.72 - 6.0 | 3.8/10.7  | 43228 |
| 2004 SM <sub>41</sub>  | 2008 09 15.4 | 23 33.88 -11 15.4 | 18.9 -0.92 - 2.7 | 3.7/12.9  | 43213 |
| 2006 BJ <sub>214</sub> | 2008 09 15.4 | 23 33.88 +08 43.2 | 21.6 -0.74 - 3.8 | 2.7/19.4  | 02282 |
| 2001 DW <sub>20</sub>  | 2008 09 15.4 | 23 33.90 -17 55.6 | 20.1 -0.71 - 6.9 | 3.9/10.0  | 21303 |
| 2001 YF <sub>138</sub> | 2008 09 15.4 | 23 33.93 -12 29.5 | 20.5 -0.96 - 2.7 | 2.9/12.6  | 75257 |
| 2004 TT <sub>349</sub> | 2008 09 15.4 | 23 33.96 -01 27.9 | 18.1 -0.68 - 8.1 | 0.6/16.0  | 43220 |
| 2004 AG <sub>7</sub>   | 2008 09 15.4 | 23 33.99 +32 20.7 | 19.6 -1.34 + 4.0 | 17.7/25.0 | 86219 |
| 2007 JQ <sub>11</sub>  | 2008 09 15.4 | 23 34.02 -39 16.3 | 20.6 -1.33 + 1.2 | 13.6/03.9 | 26287 |
| 2003 SC <sub>86</sub>  | 2008 09 15.5 | 23 33.90 -08 11.0 | 19.0 -0.87 - 1.7 | 1.8/13.9  | 43177 |
| 2007 HL <sub>78</sub>  | 2008 09 15.5 | 23 33.92 -05 43.4 | 20.1 -0.76 - 8.7 | 0.9/14.5  | 43282 |
| 2003 SG <sub>250</sub> | 2008 09 15.5 | 23 33.93 -11 55.2 | 18.4 -0.84 - 2.6 | 3.1/12.7  | 43181 |
| 2003 GB <sub>44</sub>  | 2008 09 15.5 | 23 33.94 -15 58.1 | 19.4 -0.77 - 9.8 | 4.9/10.6  | 50761 |
| 2003 SR <sub>151</sub> | 2008 09 15.5 | 23 33.96 -11 43.3 | 19.1 -0.72 - 7.5 | 2.7/12.3  | 43179 |
| 2007 HN <sub>50</sub>  | 2008 09 15.5 | 23 34.00 -03 54.1 | 21.1 -0.78 - 7.5 | 0.4/15.1  | 40464 |
| 2001 VY <sub>103</sub> | 2008 09 15.5 | 23 34.04 -00 31.6 | 20.2 -0.93 - 5.6 | 0.8/16.3  | 37943 |
| 2005 WW <sub>90</sub>  | 2008 09 15.5 | 23 34.06 -15 16.5 | 19.6 -1.02 - 3.7 | 5.4/11.7  | 20825 |
| 2003 UY <sub>150</sub> | 2008 09 15.5 | 23 34.09 -03 52.8 | 19.5 -0.74 - 5.9 | 0.4/15.2  | 43189 |
| 2006 BE <sub>29</sub>  | 2008 09 15.5 | 23 34.11 +07 08.6 | 18.9 -0.93 - 1.3 | 4.3/18.4  | 12395 |
| 2004 RL <sub>288</sub> | 2008 09 15.5 | 23 34.12 -02 00.4 | 19.7 -0.85 - 6.9 | 0.3/15.8  | 02212 |
| 2004 FT <sub>18</sub>  | 2008 09 15.5 | 23 34.14 +09 05.8 | 20.5 -0.46 - 4.7 | 2.1/20.1  | 41805 |
| 2001 WL <sub>32</sub>  | 2008 09 15.5 | 23 34.16 -10 09.3 | 18.3 -0.76 - 5.8 | 3.6/13.0  | 42602 |
| 2006 BN <sub>103</sub> | 2008 09 15.5 | 23 34.18 -06 10.8 | 20.0 -0.69 - 7.9 | 1.1/14.3  | 43254 |
| 2005 AJ <sub>28</sub>  | 2008 09 15.5 | 23 34.21 -29 26.1 | 18.7 -0.72 -14.9 | 9.6/03.0  | 97778 |
| 2006 DB <sub>18</sub>  | 2008 09 15.5 | 23 34.22 -07 29.6 | 21.0 -0.90 - 3.2 | 1.7/14.1  | 03862 |
| 2001 SA <sub>144</sub> | 2008 09 15.5 | 23 34.23 +00 23.8 | 19.8 -0.97 - 5.1 | 1.3/16.6  | 43127 |
| 2004 GC <sub>33</sub>  | 2008 09 15.5 | 23 34.23 -04 30.7 | 19.4 -1.07 - 3.4 | 0.7/15.1  | 43200 |
| 2005 YM <sub>92</sub>  | 2008 09 15.5 | 23 34.25 -03 54.2 | 20.9 -0.75 - 5.0 | 0.3/15.2  | 43247 |
| 2003 OO <sub>5</sub>   | 2008 09 15.5 | 23 34.29 +17 39.2 | 17.4 -0.94 + 5.7 | 10.5/20.6 | 43173 |
| 2006 BC <sub>166</sub> | 2008 09 15.5 | 23 34.30 -07 51.5 | 20.4 -0.84 - 7.4 | 1.8/13.8  | 03852 |
| 2002 AY <sub>180</sub> | 2008 09 15.5 | 23 34.32 +10 29.4 | 18.8 -1.16 + 1.9 | 6.0/18.7  | 43144 |
| 2005 WV <sub>88</sub>  | 2008 09 15.5 | 23 34.33 -15 56.4 | 19.6 -1.02 - 4.2 | 5.6/11.5  | 96505 |
| 2006 EG <sub>7</sub>   | 2008 09 15.6 | 23 34.26 -03 30.7 | 20.6 -0.68 - 7.3 | 0.2/15.3  | 43264 |
| 2006 AB <sub>15</sub>  | 2008 09 15.6 | 23 34.29 +18 41.1 | 20.2 -1.01 - 1.0 | 8.6/22.1  | 96899 |
| 2002 CP <sub>158</sub> | 2008 09 15.6 | 23 34.38 -11 28.2 | 20.3 -0.47 - 3.6 | 1.5/12.4  | 43147 |
| 1991 TN <sub>15</sub>  | 2008 09 15.6 | 23 34.38 -02 15.5 | 18.9 -0.81 - 8.9 | 0.2/15.8  | 43091 |
| 2006 DY <sub>40</sub>  | 2008 09 15.6 | 23 34.41 -06 12.2 | 18.8 -0.66 -10.2 | 1.0/14.3  | 43260 |
| 2007 FG <sub>34</sub>  | 2008 09 15.6 | 23 34.44 -02 46.5 | 19.8 -0.90 - 6.2 | 0.0/15.6  | 43278 |
| 2000 WV <sub>63</sub>  | 2008 09 15.6 | 23 34.46 -19 06.1 | 20.6 -0.98 - 2.6 | 5.6/10.6  | 20832 |
| 2007 EM <sub>112</sub> | 2008 09 15.6 | 23 34.48 -03 02.8 | 20.0 -0.89 - 8.7 | 0.1/15.5  | 43276 |
| 2002 ES <sub>159</sub> | 2008 09 15.6 | 23 34.48 -08 27.0 | 20.5 -0.82 - 5.8 | 1.8/13.7  | 18004 |
| 2000 SM <sub>320</sub> | 2008 09 15.6 | 23 34.49 -25 46.3 | 20.6 -1.11 - 0.6 | 8.2/08.8  | 21760 |
| 2006 BW <sub>9</sub>   | 2008 09 15.6 | 23 34.50 -07 59.6 | 19.7 -0.81 - 6.2 | 1.9/13.9  | 43252 |
| 2001 VK <sub>3</sub>   | 2008 09 15.6 | 23 34.52 -00 44.2 | 20.5 -0.61 - 3.8 | 0.5/16.4  | 43135 |
| 2006 BL <sub>117</sub> | 2008 09 15.6 | 23 34.54 -02 19.2 | 20.4 -0.77 - 5.1 | 0.1/15.8  | 43254 |
| 2005 BS <sub>9</sub>   | 2008 09 15.6 | 23 34.55 +16 43.0 | 19.3 -0.82 - 2.1 | 5.7/22.0  | 43229 |
| 2007 GW <sub>20</sub>  | 2008 09 15.6 | 23 34.57 -00 42.4 | 18.6 -0.74 - 6.6 | 0.8/16.4  | 43279 |
| 2006 DL <sub>25</sub>  | 2008 09 15.6 | 23 34.61 -05 28.4 | 20.5 -0.76 - 5.6 | 0.9/14.8  | 43259 |

|                        |              |                   |                  |           |       |
|------------------------|--------------|-------------------|------------------|-----------|-------|
| 2001 YV <sub>52</sub>  | 2008 09 15.6 | 23 34.67 -00 13.5 | 20.2 -0.92 - 5.5 | 0.9/16.5  | 43141 |
| 2006 DK <sub>7</sub>   | 2008 09 15.7 | 23 34.63 -02 37.9 | 21.6 -0.73 - 5.0 | 0.0/15.7  | 43259 |
| 2008 QF <sub>28</sub>  | 2008 09 15.7 | 23 34.67 -17 03.3 | 19.2 -0.71 - 7.8 | 4.8/10.3  | 43005 |
| 2000 AT <sub>5</sub>   | 2008 09 15.7 | 23 34.69 +26 19.5 | 19.8 -1.24 - 0.1 | 10.1/24.3 | 19519 |
| 2006 DE <sub>30</sub>  | 2008 09 15.7 | 23 34.78 -03 21.6 | 19.6 -0.75 - 5.9 | 0.2/15.5  | 43259 |
| 2002 EF <sub>103</sub> | 2008 09 15.7 | 23 34.84 -03 46.5 | 21.3 -0.86 - 4.6 | 0.3/15.4  | 43150 |
| 2005 UJ <sub>4</sub>   | 2008 09 15.7 | 23 34.86 +21 29.1 | 20.0 -0.88 -10.4 | 8.0/25.2  | 21165 |
| 2004 MC <sub>3</sub>   | 2008 09 15.7 | 23 34.86 +09 46.2 | 18.1 -0.92 + 1.1 | 6.6/19.3  | 43202 |
| 2007 LR <sub>4</sub>   | 2008 09 15.7 | 23 34.87 +01 56.0 | 19.4 -0.70 - 6.5 | 1.6/17.4  | 43284 |
| 2005 JQ <sub>86</sub>  | 2008 09 15.7 | 23 34.89 -44 16.2 | 19.4 -1.10 - 9.1 | 18.7/29.0 | 22790 |
| 2001 QO <sub>216</sub> | 2008 09 15.7 | 23 34.89 -09 31.9 | 18.9 -0.74 - 7.6 | 3.4/13.3  | 42586 |
| 2003 WQ <sub>39</sub>  | 2008 09 15.7 | 23 34.90 +11 54.6 | 19.9 -0.72 - 4.4 | 4.0/20.9  | 43193 |
| 2000 HP                | 2008 09 15.7 | 23 34.90 +05 40.9 | 21.6 -0.66 - 6.5 | 2.1/18.8  | 10735 |
| 2004 HG <sub>40</sub>  | 2008 09 15.7 | 23 34.91 -14 16.8 | 19.1 -1.08 + 1.4 | 6.0/12.9  | 43200 |
| 2005 SK <sub>279</sub> | 2008 09 15.7 | 23 34.92 -13 54.7 | 19.8 -0.99 - 3.5 | 4.5/12.4  | 43234 |
| 2003 SD <sub>228</sub> | 2008 09 15.7 | 23 34.92 -35 23.1 | 19.1 -1.25 + 4.3 | 11.0/07.5 | 57966 |
| 2004 TW <sub>298</sub> | 2008 09 15.7 | 23 34.96 +07 57.5 | 19.8 -0.79 - 8.5 | 3.7/19.6  | 43219 |
| 2000 JS <sub>16</sub>  | 2008 09 15.7 | 23 34.97 +28 32.0 | 20.0 -0.93 - 8.1 | 9.9/28.3  | 21297 |
| 2006 CR <sub>62</sub>  | 2008 09 15.7 | 23 34.97 -08 37.2 | 20.6 -0.79 - 4.7 | 1.7/13.8  | 02286 |
| 2001 TN <sub>59</sub>  | 2008 09 15.7 | 23 35.01 +04 44.2 | 19.2 -0.82 -10.3 | 2.9/18.5  | 43130 |
| 2007 HJ <sub>53</sub>  | 2008 09 15.7 | 23 35.03 -02 19.0 | 20.3 -0.81 - 6.8 | 0.1/15.9  | 43282 |
| 2003 YO <sub>167</sub> | 2008 09 15.7 | 23 35.04 +09 02.4 | 19.1 -0.89 - 1.5 | 4.3/19.2  | 42687 |
| 2001 QA <sub>156</sub> | 2008 09 15.7 | 23 35.06 +04 01.2 | 19.3 -0.97 - 4.3 | 2.9/17.9  | 43123 |
| 2004 XO <sub>171</sub> | 2008 09 15.8 | 23 35.00 +13 18.0 | 19.6 -0.76 - 7.7 | 6.1/21.9  | 42734 |
| 2006 BU <sub>132</sub> | 2008 09 15.8 | 23 35.00 -02 09.5 | 19.9 -0.77 - 5.6 | 0.2/16.0  | 43255 |
| 2002 EM <sub>138</sub> | 2008 09 15.8 | 23 35.00 -04 32.6 | 20.3 -0.83 - 7.7 | 0.7/15.2  | 43151 |
| 2004 XV <sub>111</sub> | 2008 09 15.8 | 23 35.01 -23 12.9 | 20.1 -0.93 - 2.8 | 7.0/09.1  | 73686 |
| 2002 OE <sub>30</sub>  | 2008 09 15.8 | 23 35.03 +09 09.3 | 19.6 -0.73 - 4.7 | 3.4/19.9  | 43157 |
| 2003 FH <sub>65</sub>  | 2008 09 15.8 | 23 35.05 -09 00.0 | 19.9 -0.98 - 5.4 | 2.3/13.8  | 43169 |
| 2007 GM <sub>27</sub>  | 2008 09 15.8 | 23 35.08 +12 03.7 | 20.4 -0.79 - 7.5 | 4.6/21.3  | 22887 |
| 2004 XD <sub>2</sub>   | 2008 09 15.8 | 23 35.10 +09 13.8 | 19.8 -0.86 - 3.9 | 3.7/19.6  | 21346 |
| 2003 UB <sub>14</sub>  | 2008 09 15.8 | 23 35.11 -00 53.4 | 19.6 -0.85 - 2.4 | 0.6/16.4  | 42661 |
| 1999 YU <sub>20</sub>  | 2008 09 15.8 | 23 35.12 +08 11.3 | 19.5 -0.78 - 3.5 | 3.1/19.4  | 43102 |
| 2007 EA <sub>88</sub>  | 2008 09 15.8 | 23 35.13 -03 34.6 | 21.1 -0.92 - 6.7 | 0.3/15.5  | 43276 |
| 2003 FB <sub>91</sub>  | 2008 09 15.8 | 23 35.14 +02 45.7 | 18.5 -1.07 - 1.1 | 2.2/18.0  | 43170 |
| 2001 VE <sub>89</sub>  | 2008 09 15.8 | 23 35.15 +06 50.0 | 19.4 -0.98 - 2.5 | 4.3/18.6  | 43136 |
| 2006 DM <sub>198</sub> | 2008 09 15.8 | 23 35.15 -06 08.8 | 20.0 -0.73 - 5.1 | 1.0/14.7  | 43263 |
| 2000 RJ <sub>44</sub>  | 2008 09 15.8 | 23 35.18 +06 19.2 | 17.7 -0.87 + 1.7 | 4.7/18.3  | 43108 |
| 2004 PN <sub>76</sub>  | 2008 09 15.8 | 23 35.19 +03 17.3 | 19.2 -0.95 - 2.6 | 2.7/17.6  | 43205 |
| 2004 TR <sub>248</sub> | 2008 09 15.8 | 23 35.25 -00 23.6 | 19.2 -0.86 - 4.5 | 0.9/16.6  | 43218 |
| 2001 YU <sub>56</sub>  | 2008 09 15.8 | 23 35.26 -01 35.1 | 20.3 -0.91 - 5.8 | 0.4/16.2  | 43142 |
| 2004 RH <sub>224</sub> | 2008 09 15.8 | 23 35.27 +06 34.4 | 19.4 -0.74 -11.5 | 3.4/19.4  | 43211 |
| 1998 FO <sub>64</sub>  | 2008 09 15.8 | 23 35.27 +00 52.4 | 19.6 -0.76 - 9.2 | 1.1/17.2  | 21291 |
| 2006 DZ <sub>16</sub>  | 2008 09 15.8 | 23 35.28 -09 02.0 | 20.5 -0.75 - 4.4 | 1.8/13.8  | 02288 |
| 2001 UL <sub>16</sub>  | 2008 09 15.8 | 23 35.30 +07 07.0 | 19.1 -0.94 - 4.1 | 3.8/18.9  | 43133 |
| 2003 UR <sub>142</sub> | 2008 09 15.8 | 23 35.34 +13 22.7 | 18.9 -0.73 - 5.2 | 5.0/21.6  | 42670 |
| 2003 WY <sub>7</sub>   | 2008 09 15.8 | 23 35.35 +29 09.3 | 18.9 -0.75 - 4.7 | 9.8/28.4  | 77741 |
| 2003 GH <sub>27</sub>  | 2008 09 15.8 | 23 35.37 +00 25.5 | 20.3 -0.89 - 6.9 | 1.0/16.9  | 97650 |
| 2002 PG <sub>20</sub>  | 2008 09 15.8 | 23 35.37 +10 41.6 | 19.8 -0.79 - 3.2 | 4.3/20.3  | 43157 |
| 2000 GX <sub>139</sub> | 2008 09 15.8 | 23 35.37 -13 17.0 | 20.5 -0.98 - 5.1 | 3.8/12.6  | 17911 |
| 2007 CE <sub>25</sub>  | 2008 09 15.8 | 23 35.39 +05 08.6 | 20.5 -1.02 - 4.7 | 2.9/18.3  | 43272 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 HF <sub>50</sub>  | 2008 09 15.8 | 23 35.41 | -07 03.1 | 19.8 | -0.84 | - 6.8 | 1.6/14.4  | 43172 |
| 1996 XM <sub>3</sub>   | 2008 09 15.8 | 23 35.42 | -11 40.6 | 19.5 | -0.98 | - 1.6 | 3.7/13.3  | 43093 |
| 2003 AJ <sub>82</sub>  | 2008 09 15.8 | 23 35.42 | -47 02.1 | 19.2 | -1.27 | - 3.0 | 15.9/29.0 | 21324 |
| 2001 PB <sub>51</sub>  | 2008 09 15.9 | 23 35.36 | +06 28.5 | 18.6 | -0.75 | -11.5 | 4.1/19.4  | 43121 |
| 2001 FD <sub>71</sub>  | 2008 09 15.9 | 23 35.37 | -09 24.2 | 20.1 | -0.73 | - 4.8 | 1.8/13.6  | 97435 |
| 2007 AQ <sub>27</sub>  | 2008 09 15.9 | 23 35.38 | -14 01.6 | 20.0 | -1.00 | - 6.0 | 4.7/12.3  | 24144 |
| 2006 AV <sub>79</sub>  | 2008 09 15.9 | 23 35.38 | -26 01.4 | 19.9 | -0.71 | - 7.0 | 5.6/07.0  | 22807 |
| 2000 VY <sub>16</sub>  | 2008 09 15.9 | 23 35.41 | +13 26.5 | 18.8 | -0.76 | - 9.4 | 5.8/22.1  | 43113 |
| 2006 DN <sub>90</sub>  | 2008 09 15.9 | 23 35.44 | -04 55.6 | 19.5 | -0.80 | - 5.3 | 0.8/15.2  | 43261 |
| 2005 YG <sub>99</sub>  | 2008 09 15.9 | 23 35.47 | -04 42.2 | 20.5 | -0.95 | - 5.4 | 0.7/15.3  | 42789 |
| 2005 BB <sub>29</sub>  | 2008 09 15.9 | 23 35.53 | -15 25.9 | 19.8 | -0.73 | - 5.5 | 3.8/11.4  | 42737 |
| 2006 EV <sub>70</sub>  | 2008 09 15.9 | 23 35.57 | -39 30.0 | 20.8 | -0.95 | - 0.7 | 8.9/03.2  | 01498 |
| 2003 SJ <sub>204</sub> | 2008 09 15.9 | 23 35.57 | -27 05.0 | 18.3 | -0.95 | + 0.2 | 8.4/08.5  | 43180 |
| 2001 XA <sub>243</sub> | 2008 09 15.9 | 23 35.59 | -14 41.3 | 19.8 | -0.91 | - 5.6 | 4.3/12.0  | 21309 |
| 2002 RB <sub>5</sub>   | 2008 09 15.9 | 23 35.61 | +22 59.7 | 19.6 | -0.98 | + 0.9 | 7.4/23.3  | 77631 |
| 2001 XK <sub>177</sub> | 2008 09 15.9 | 23 35.62 | -07 47.1 | 20.2 | -0.83 | - 6.3 | 1.6/14.2  | 97527 |
| 2005 YV <sub>231</sub> | 2008 09 15.9 | 23 35.62 | +15 48.3 | 20.3 | -0.94 | - 2.3 | 6.1/21.7  | 98070 |
| 2004 TL <sub>3</sub>   | 2008 09 15.9 | 23 35.62 | +05 25.5 | 20.2 | -0.72 | -11.0 | 3.2/19.1  | 74367 |
| 2003 WN <sub>146</sub> | 2008 09 15.9 | 23 35.67 | -05 44.2 | 19.4 | -0.66 | - 7.6 | 0.9/14.8  | 43195 |
| 2004 XC <sub>174</sub> | 2008 09 15.9 | 23 35.69 | -23 52.4 | 19.2 | -0.77 | - 4.8 | 7.0/08.4  | 43227 |
| 2004 EH <sub>32</sub>  | 2008 09 15.9 | 23 35.70 | +03 46.7 | 18.9 | -0.87 | - 8.4 | 3.0/18.2  | 43199 |
| 2006 BM <sub>203</sub> | 2008 09 15.9 | 23 35.71 | -07 06.8 | 20.6 | -0.82 | - 5.8 | 1.5/14.5  | 24055 |
| 2005 EM <sub>140</sub> | 2008 09 15.9 | 23 35.74 | +06 37.6 | 19.5 | -0.81 | - 3.8 | 2.7/19.0  | 43231 |
| 2007 EW <sub>149</sub> | 2008 09 15.9 | 23 35.76 | -10 08.8 | 19.5 | -0.85 | - 7.4 | 3.2/13.4  | 43277 |
| 2000 VX <sub>44</sub>  | 2008 09 15.9 | 23 35.77 | +33 34.7 | 19.4 | -0.86 | - 6.6 | 10.4/01.0 | 02016 |
| 2006 DC <sub>211</sub> | 2008 09 16.0 | 23 35.71 | -03 18.2 | 21.4 | -0.90 | - 3.1 | 0.2/15.8  | 01457 |
| 2005 YT <sub>151</sub> | 2008 09 16.0 | 23 35.73 | -05 38.5 | 20.6 | -0.92 | - 5.2 | 1.0/15.1  | 02266 |
| 2002 CB <sub>180</sub> | 2008 09 16.0 | 23 35.74 | -23 57.2 | 19.3 | -0.79 | - 8.7 | 7.7/08.0  | 43147 |
| 2003 UM <sub>213</sub> | 2008 09 16.0 | 23 35.75 | +03 56.9 | 20.0 | -0.72 | - 6.0 | 2.3/18.3  | 43190 |
| 2005 WO <sub>195</sub> | 2008 09 16.0 | 23 35.78 | -25 41.3 | 21.2 | -0.71 | - 5.1 | 4.9/07.5  | 02262 |
| 2006 BS <sub>130</sub> | 2008 09 16.0 | 23 35.79 | -00 52.3 | 20.0 | -0.78 | - 3.7 | 0.5/16.6  | 43255 |
| 2004 RR <sub>182</sub> | 2008 09 16.0 | 23 35.80 | +05 27.7 | 19.3 | -0.85 | - 6.0 | 3.2/18.7  | 43210 |
| 2004 RB <sub>62</sub>  | 2008 09 16.0 | 23 35.81 | -02 36.8 | 19.2 | -0.81 | - 7.1 | 0.0/16.0  | 43207 |
| 2003 FV <sub>100</sub> | 2008 09 16.0 | 23 35.82 | -05 45.9 | 20.8 | -0.95 | - 4.9 | 1.1/15.0  | 94962 |
| 2003 FW                | 2008 09 16.0 | 23 35.83 | -40 42.1 | 21.5 | -1.11 | - 2.9 | 11.1/02.2 | 22730 |
| 1997 TH                | 2008 09 16.0 | 23 35.85 | +06 21.9 | 21.4 | -0.69 | - 7.1 | 2.5/19.3  | 60492 |
| 2001 UX <sub>144</sub> | 2008 09 16.0 | 23 35.86 | -09 00.4 | 19.6 | -0.89 | - 4.8 | 3.0/14.0  | 94234 |
| 2003 UR <sub>78</sub>  | 2008 09 16.0 | 23 35.86 | -19 35.4 | 18.1 | -1.25 | + 5.4 | 6.6/12.8  | 43187 |
| 2005 YZ <sub>206</sub> | 2008 09 16.0 | 23 35.86 | -12 51.4 | 20.1 | -0.79 | - 8.5 | 3.2/12.3  | 98068 |
| 2002 CR <sub>150</sub> | 2008 09 16.0 | 23 35.87 | -04 13.0 | 21.9 | -0.84 | - 5.6 | 0.5/15.5  | 02076 |
| 2003 YN <sub>148</sub> | 2008 09 16.0 | 23 35.88 | +03 56.3 | 19.9 | -0.92 | - 0.7 | 2.3/17.9  | 04284 |
| 2001 QP <sub>163</sub> | 2008 09 16.0 | 23 35.89 | +05 48.4 | 17.8 | -0.87 | - 3.4 | 4.1/18.7  | 43123 |
| 2007 HN <sub>69</sub>  | 2008 09 16.0 | 23 35.91 | -27 59.6 | 19.0 | -0.89 | - 2.1 | 10.2/07.6 | 26283 |
| 2002 PT <sub>66</sub>  | 2008 09 16.0 | 23 35.91 | -21 20.0 | 19.0 | -0.68 | - 8.0 | 5.9/08.8  | 41783 |
| 2006 BL <sub>233</sub> | 2008 09 16.0 | 23 35.96 | -03 40.8 | 20.7 | -0.90 | - 4.9 | 0.4/15.7  | 40415 |
| 2004 TJ <sub>366</sub> | 2008 09 16.0 | 23 35.97 | +00 44.0 | 20.3 | -0.82 | - 5.8 | 1.2/17.2  | 09083 |
| 2001 RF <sub>24</sub>  | 2008 09 16.0 | 23 35.99 | -02 44.1 | 18.8 | -0.87 | - 2.4 | 0.1/16.0  | 43124 |
| 2005 TH <sub>168</sub> | 2008 09 16.0 | 23 36.00 | -03 59.3 | 20.7 | -1.02 | - 4.9 | 0.6/15.6  | 43235 |
| 2001 HM <sub>48</sub>  | 2008 09 16.0 | 23 36.03 | -07 12.3 | 19.5 | -0.67 | -10.7 | 1.2/14.3  | 20742 |
| 2007 EX <sub>137</sub> | 2008 09 16.0 | 23 36.05 | -16 40.3 | 19.7 | -1.03 | - 0.7 | 5.3/12.3  | 20856 |
| 2003 UW <sub>170</sub> | 2008 09 16.0 | 23 36.05 | +08 57.1 | 19.8 | -0.71 | - 5.9 | 3.4/20.2  | 43189 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 1997 GX <sub>27</sub>  | 2008 09 16.0 | 23 36.07 | -44 41.5 | 22.1 | -1.55 | + 3.1 | 14.1/06.4 | 66060 |
| 2004 TW <sub>35</sub>  | 2008 09 16.0 | 23 36.07 | -04 15.2 | 20.1 | -0.89 | - 3.8 | 0.7/15.6  | 43214 |
| 2001 SR <sub>134</sub> | 2008 09 16.0 | 23 36.09 | -00 06.6 | 18.7 | -0.75 | - 7.0 | 1.2/17.0  | 43127 |
| 2001 RR <sub>28</sub>  | 2008 09 16.0 | 23 36.14 | +00 48.0 | 18.9 | -0.95 | - 5.6 | 1.4/17.2  | 43124 |
| 2003 WP <sub>171</sub> | 2008 09 16.1 | 23 36.12 | -19 10.5 | 19.0 | -0.71 | - 6.0 | 6.2/09.9  | 58078 |
| 2007 GO <sub>49</sub>  | 2008 09 16.1 | 23 36.15 | +02 50.9 | 19.1 | -0.72 | -11.2 | 1.9/18.2  | 43280 |
| 2005 WV <sub>39</sub>  | 2008 09 16.1 | 23 36.15 | -06 48.6 | 20.9 | -0.91 | - 5.6 | 1.4/14.8  | 19243 |
| 2005 WM <sub>168</sub> | 2008 09 16.1 | 23 36.16 | -13 09.4 | 20.4 | -0.91 | - 5.9 | 3.7/12.6  | 21351 |
| 2002 LC <sub>24</sub>  | 2008 09 16.1 | 23 36.16 | +54 21.7 | 18.5 | -1.69 | + 5.1 | 23.6/05.3 | 21317 |
| 2001 SD <sub>34</sub>  | 2008 09 16.1 | 23 36.19 | -00 58.2 | 19.2 | -0.74 | -10.6 | 0.7/16.7  | 43126 |
| 2002 CL <sub>220</sub> | 2008 09 16.1 | 23 36.20 | -04 12.4 | 20.6 | -0.85 | - 6.2 | 0.5/15.6  | 43148 |
| 2005 XS <sub>72</sub>  | 2008 09 16.1 | 23 36.25 | -09 39.7 | 20.3 | -0.90 | - 4.6 | 2.4/13.9  | 21617 |
| 2005 UB <sub>479</sub> | 2008 09 16.1 | 23 36.26 | -10 42.8 | 19.7 | -1.04 | - 4.2 | 3.4/13.7  | 20434 |
| 2007 DL <sub>34</sub>  | 2008 09 16.1 | 23 36.28 | -04 55.5 | 20.3 | -0.92 | - 6.5 | 0.9/15.4  | 43273 |
| 2002 TS <sub>350</sub> | 2008 09 16.1 | 23 36.30 | +05 22.7 | 20.8 | -0.64 | - 8.0 | 2.0/19.2  | 43165 |
| 2004 WA <sub>1</sub>   | 2008 09 16.1 | 23 36.30 | +12 24.9 | 20.2 | -0.75 | - 8.7 | 5.1/21.9  | 20813 |
| 2007 EK <sub>5</sub>   | 2008 09 16.1 | 23 36.32 | -03 05.6 | 19.0 | -0.85 | - 9.3 | 0.2/16.0  | 43274 |
| 2001 XQ <sub>123</sub> | 2008 09 16.1 | 23 36.33 | -07 46.5 | 21.0 | -0.93 | - 5.7 | 1.8/14.5  | 94358 |
| 2005 AN <sub>50</sub>  | 2008 09 16.1 | 23 36.33 | -08 27.7 | 20.2 | -0.69 | - 7.0 | 1.7/14.0  | 02239 |
| 2001 UD <sub>156</sub> | 2008 09 16.1 | 23 36.35 | -07 14.4 | 20.0 | -0.96 | - 5.4 | 1.7/14.7  | 94236 |
| 2001 AG <sub>26</sub>  | 2008 09 16.1 | 23 36.38 | -26 34.5 | 18.5 | -0.92 | - 3.4 | 8.1/08.0  | 97428 |
| 2001 YS <sub>52</sub>  | 2008 09 16.1 | 23 36.41 | +11 22.9 | 18.8 | -0.92 | - 4.6 | 5.6/20.7  | 43141 |
| 2005 WQ <sub>5</sub>   | 2008 09 16.1 | 23 36.44 | -11 09.8 | 21.3 | -0.98 | - 5.2 | 3.0/13.5  | 01113 |
| 2004 BF <sub>94</sub>  | 2008 09 16.1 | 23 36.45 | -17 24.7 | 20.5 | -0.95 | -15.0 | 5.8/10.3  | 17479 |
| 2004 XJ <sub>27</sub>  | 2008 09 16.1 | 23 36.46 | -15 17.5 | 21.0 | -0.75 | - 4.0 | 3.2/11.9  | 02230 |
| 2001 CT <sub>21</sub>  | 2008 09 16.1 | 23 36.48 | -19 49.8 | 20.1 | -0.84 | - 6.4 | 5.6/10.0  | 43118 |
| 2007 JC <sub>38</sub>  | 2008 09 16.1 | 23 36.48 | -02 56.7 | 20.2 | -0.79 | - 6.6 | 0.2/16.1  | 43284 |
| 2006 BQ <sub>94</sub>  | 2008 09 16.2 | 23 36.49 | -01 16.4 | 20.3 | -0.77 | - 5.4 | 0.4/16.6  | 43254 |
| 2002 GJ <sub>10</sub>  | 2008 09 16.2 | 23 36.49 | -03 35.8 | 19.4 | -0.91 | - 3.2 | 0.4/15.9  | 43152 |
| 2004 RB <sub>252</sub> | 2008 09 16.2 | 23 36.50 | +09 07.6 | 19.5 | -0.84 | - 4.6 | 5.3/20.1  | 43211 |
| 1997 MO                | 2008 09 16.2 | 23 36.50 | +00 44.5 | 20.0 | -0.69 | - 8.2 | 1.0/17.4  | 20725 |
| 2005 WZ <sub>52</sub>  | 2008 09 16.2 | 23 36.50 | -01 34.6 | 21.3 | -0.92 | - 5.9 | 0.3/16.5  | 21852 |
| 2005 UP <sub>208</sub> | 2008 09 16.2 | 23 36.53 | +00 02.9 | 20.9 | -0.93 | - 8.1 | 1.0/17.1  | 19219 |
| 2004 RD <sub>73</sub>  | 2008 09 16.2 | 23 36.57 | -05 27.0 | 19.2 | -0.73 | - 7.9 | 1.3/15.2  | 43208 |
| 2001 SS <sub>204</sub> | 2008 09 16.2 | 23 36.57 | -07 52.6 | 18.0 | -0.98 | - 1.4 | 2.6/14.7  | 43128 |
| 2007 FL <sub>42</sub>  | 2008 09 16.2 | 23 36.57 | +18 17.9 | 20.8 | -0.81 | -13.4 | 5.8/24.9  | 20861 |
| 2002 AX <sub>61</sub>  | 2008 09 16.2 | 23 36.58 | -10 06.8 | 20.2 | -0.81 | - 7.2 | 2.3/13.6  | 02063 |
| 2006 BH <sub>9</sub>   | 2008 09 16.2 | 23 36.59 | -00 30.9 | 20.2 | -0.87 | - 7.3 | 0.7/16.9  | 43252 |
| 2001 UK <sub>1</sub>   | 2008 09 16.2 | 23 36.65 | -04 02.3 | 19.0 | -0.89 | - 4.8 | 0.7/15.8  | 27268 |
| 2002 DD <sub>17</sub>  | 2008 09 16.2 | 23 36.67 | -22 52.4 | 20.8 | -0.87 | - 4.6 | 6.0/09.4  | 94677 |
| 2006 AA <sub>41</sub>  | 2008 09 16.2 | 23 36.69 | -06 37.0 | 20.1 | -0.83 | - 4.9 | 1.3/14.9  | 21353 |
| 1995 WB <sub>13</sub>  | 2008 09 16.2 | 23 36.69 | -07 37.1 | 21.1 | -0.80 | - 6.1 | 1.6/14.5  | 01965 |
| 2002 JY <sub>107</sub> | 2008 09 16.2 | 23 36.69 | -25 57.8 | 20.5 | -0.87 | - 3.4 | 6.4/08.5  | 08262 |
| 2006 BA <sub>44</sub>  | 2008 09 16.2 | 23 36.71 | +13 16.5 | 20.0 | -0.93 | - 0.5 | 4.3/20.9  | 02273 |
| 2006 DZ <sub>104</sub> | 2008 09 16.2 | 23 36.72 | +00 35.3 | 19.2 | -0.97 | - 0.8 | 1.2/17.1  | 42804 |
| 2000 EA <sub>31</sub>  | 2008 09 16.2 | 23 36.73 | -11 17.0 | 20.4 | -1.04 | - 4.2 | 3.3/13.6  | 19521 |
| 2004 RX <sub>229</sub> | 2008 09 16.2 | 23 36.73 | +00 48.2 | 19.3 | -0.80 | - 6.9 | 1.3/17.4  | 43211 |
| 2003 JT <sub>7</sub>   | 2008 09 16.2 | 23 36.78 | -16 40.9 | 21.2 | -0.91 | - 4.5 | 4.3/11.8  | 20780 |
| 2003 BY <sub>21</sub>  | 2008 09 16.2 | 23 36.78 | +06 26.3 | 19.6 | -0.99 | - 4.9 | 3.3/19.1  | 43167 |
| 2001 XG <sub>244</sub> | 2008 09 16.2 | 23 36.79 | -03 37.3 | 20.4 | -0.94 | - 5.1 | 0.4/15.9  | 43141 |
| 2004 JE <sub>35</sub>  | 2008 09 16.2 | 23 36.82 | -11 13.0 | 19.2 | -0.89 | - 6.6 | 3.9/13.4  | 43201 |

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|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 GW                | 2008 09 16.2 | 23 36.82 | -01 57.3 | 19.9 | -0.83 | - 2.4 | 0.2/16.5  | 42811 |
| 2003 WM <sub>155</sub> | 2008 09 16.2 | 23 36.83 | -25 23.6 | 19.8 | -0.78 | - 5.2 | 7.4/07.7  | 00682 |
| 2003 UD <sub>299</sub> | 2008 09 16.2 | 23 36.83 | -00 23.2 | 20.0 | -0.74 | - 5.3 | 0.7/17.0  | 43192 |
| 2007 BJ <sub>73</sub>  | 2008 09 16.2 | 23 36.86 | +03 14.4 | 19.8 | -1.02 | - 5.0 | 2.3/18.1  | 43272 |
| 2002 EP <sub>14</sub>  | 2008 09 16.3 | 23 36.81 | +02 21.3 | 20.2 | -0.47 | - 3.7 | 0.9/18.1  | 20762 |
| 2004 RU <sub>328</sub> | 2008 09 16.3 | 23 36.82 | +00 10.2 | 18.8 | -0.91 | - 2.8 | 1.1/17.1  | 43212 |
| 2005 SQ <sub>157</sub> | 2008 09 16.3 | 23 36.82 | -05 16.3 | 20.6 | -1.01 | - 6.0 | 1.2/15.4  | 20817 |
| 2007 HZ <sub>12</sub>  | 2008 09 16.3 | 23 36.85 | -01 38.0 | 19.5 | -0.74 | -10.5 | 0.3/16.6  | 43281 |
| 2000 DX <sub>113</sub> | 2008 09 16.3 | 23 36.87 | -05 19.8 | 21.1 | -0.94 | - 7.1 | 1.0/15.4  | 17908 |
| 2000 XV <sub>22</sub>  | 2008 09 16.3 | 23 36.87 | -20 54.4 | 19.3 | -0.97 | - 3.0 | 6.2/10.4  | 43116 |
| 2000 GQ <sub>9</sub>   | 2008 09 16.3 | 23 36.90 | -05 23.0 | 20.1 | -0.98 | - 5.2 | 1.1/15.4  | 19522 |
| 2003 FW <sub>30</sub>  | 2008 09 16.3 | 23 36.95 | -10 28.9 | 20.3 | -0.97 | - 3.7 | 2.7/14.0  | 39185 |
| 2004 JX <sub>44</sub>  | 2008 09 16.3 | 23 36.96 | -44 59.4 | 20.2 | -1.25 | - 1.1 | 14.5/02.2 | 19612 |
| 2000 DP <sub>58</sub>  | 2008 09 16.3 | 23 36.99 | +01 08.8 | 20.0 | -0.98 | - 5.6 | 1.4/17.5  | 19521 |
| 1996 XM <sub>23</sub>  | 2008 09 16.3 | 23 36.99 | +20 04.5 | 19.0 | -0.91 | - 2.3 | 9.1/23.6  | 43093 |
| 2005 CG <sub>69</sub>  | 2008 09 16.3 | 23 36.99 | -02 16.6 | 20.8 | -0.74 | - 4.9 | 0.1/16.4  | 43230 |
| 2005 ED <sub>30</sub>  | 2008 09 16.3 | 23 37.02 | -03 13.9 | 20.8 | -0.68 | - 5.5 | 0.2/16.1  | 43230 |
| 2006 HX <sub>34</sub>  | 2008 09 16.3 | 23 37.04 | +00 59.1 | 21.2 | -0.70 | - 5.0 | 0.9/17.6  | 01649 |
| 2006 CC <sub>27</sub>  | 2008 09 16.3 | 23 37.05 | -06 39.5 | 19.8 | -0.80 | - 5.5 | 1.4/15.0  | 43258 |
| 2005 YN <sub>213</sub> | 2008 09 16.3 | 23 37.05 | -08 06.6 | 19.7 | -1.00 | - 3.0 | 2.2/14.7  | 43249 |
| 2007 DP <sub>102</sub> | 2008 09 16.3 | 23 37.08 | -07 22.0 | 20.4 | -0.92 | -26.2 | 2.0/14.3  | 42873 |
| 1999 CT <sub>136</sub> | 2008 09 16.3 | 23 37.08 | -05 57.9 | 21.3 | -0.90 | - 6.5 | 1.2/15.2  | 21292 |
| 2000 CU <sub>74</sub>  | 2008 09 16.3 | 23 37.08 | -04 56.5 | 20.4 | -0.73 | - 5.4 | 0.7/15.5  | 43103 |
| 2001 UG <sub>26</sub>  | 2008 09 16.3 | 23 37.09 | -02 27.1 | 18.2 | -1.01 | - 2.0 | 0.0/16.4  | 43133 |
| 2004 RX <sub>231</sub> | 2008 09 16.3 | 23 37.10 | -01 55.5 | 20.2 | -0.83 | - 6.2 | 0.2/16.6  | 43211 |
| 2006 AV <sub>27</sub>  | 2008 09 16.3 | 23 37.10 | +04 14.6 | 20.2 | -0.91 | - 4.3 | 2.5/18.5  | 96914 |
| 2001 US <sub>43</sub>  | 2008 09 16.3 | 23 37.14 | -05 36.0 | 20.3 | -0.96 | - 5.5 | 1.3/15.4  | 94204 |
| 2006 DB <sub>58</sub>  | 2008 09 16.3 | 23 37.15 | -01 11.4 | 19.8 | -0.87 | - 3.8 | 0.4/16.8  | 43260 |
| 2000 DT <sub>62</sub>  | 2008 09 16.3 | 23 37.16 | +00 15.3 | 20.6 | -1.00 | - 5.0 | 1.0/17.2  | 43103 |
| 2007 ED <sub>145</sub> | 2008 09 16.3 | 23 37.16 | -07 49.4 | 19.1 | -0.76 | - 8.9 | 2.6/14.4  | 43277 |
| 2004 RV <sub>185</sub> | 2008 09 16.3 | 23 37.20 | +00 18.4 | 19.2 | -1.03 | - 1.1 | 1.2/17.2  | 43210 |
| 2003 SM <sub>222</sub> | 2008 09 16.3 | 23 37.20 | -13 46.3 | 20.0 | -0.87 | - 2.0 | 3.9/13.0  | 95095 |
| 2001 TM <sub>199</sub> | 2008 09 16.3 | 23 37.23 | -15 48.8 | 20.4 | -1.06 | - 4.2 | 5.3/12.2  | 94178 |
| 2000 UK <sub>29</sub>  | 2008 09 16.3 | 23 37.23 | -48 52.1 | 18.8 | -1.72 | + 8.8 | 23.7/02.6 | 43112 |
| 2007 GO <sub>16</sub>  | 2008 09 16.4 | 23 37.15 | -04 23.8 | 19.7 | -0.95 | - 4.1 | 0.7/15.8  | 43279 |
| 2004 GE <sub>63</sub>  | 2008 09 16.4 | 23 37.18 | -09 47.7 | 20.1 | -1.11 | - 2.2 | 3.2/14.4  | 95205 |
| 1999 TB <sub>322</sub> | 2008 09 16.4 | 23 37.18 | +01 11.5 | 18.7 | -0.94 | - 1.9 | 1.5/17.5  | 43100 |
| 2001 YX <sub>47</sub>  | 2008 09 16.4 | 23 37.19 | +06 30.3 | 18.8 | -0.89 | - 5.0 | 3.8/19.3  | 43141 |
| 2003 SF <sub>235</sub> | 2008 09 16.4 | 23 37.22 | -04 02.6 | 19.1 | -0.70 | - 8.4 | 0.5/15.8  | 43181 |
| 2002 PW <sub>176</sub> | 2008 09 16.4 | 23 37.23 | +14 42.0 | 21.1 | -0.85 | - 2.3 | 4.9/22.0  | 00320 |
| 2004 XM <sub>61</sub>  | 2008 09 16.4 | 23 37.25 | -17 51.2 | 19.3 | -0.94 | - 2.5 | 6.5/11.5  | 42732 |
| 2003 UY <sub>309</sub> | 2008 09 16.4 | 23 37.25 | +03 18.1 | 18.5 | -0.88 | - 1.7 | 1.9/18.1  | 43192 |
| 2006 FM <sub>2</sub>   | 2008 09 16.4 | 23 37.26 | +00 19.5 | 20.9 | -0.74 | - 5.6 | 0.8/17.4  | 21856 |
| 2004 RW <sub>78</sub>  | 2008 09 16.4 | 23 37.26 | -04 14.4 | 18.6 | -1.03 | + 0.5 | 0.8/16.0  | 42707 |
| 2000 VT <sub>27</sub>  | 2008 09 16.4 | 23 37.32 | -15 38.1 | 18.2 | -0.94 | - 5.6 | 5.4/11.9  | 43113 |
| 2004 TM <sub>369</sub> | 2008 09 16.4 | 23 37.32 | +10 15.0 | 20.1 | -0.80 | - 6.1 | 4.1/20.9  | 43221 |
| 2007 GL <sub>40</sub>  | 2008 09 16.4 | 23 37.32 | -02 40.5 | 20.0 | -0.84 | - 6.2 | 0.1/16.4  | 43280 |
| 2007 JM <sub>17</sub>  | 2008 09 16.4 | 23 37.34 | -12 34.8 | 19.6 | -0.78 | - 3.8 | 3.5/13.1  | 43283 |
| 2000 SS <sub>110</sub> | 2008 09 16.4 | 23 37.34 | -07 37.6 | 18.7 | -0.94 | - 2.1 | 2.2/14.9  | 43109 |
| 2004 RV <sub>108</sub> | 2008 09 16.4 | 23 37.36 | +04 06.4 | 19.8 | -0.93 | - 4.4 | 2.3/18.5  | 43208 |
| 2004 XC <sub>2</sub>   | 2008 09 16.4 | 23 37.37 | +05 54.4 | 19.2 | -0.91 | - 2.5 | 3.0/18.9  | 43224 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 JX <sub>43</sub>  | 2008 09 16.4 | 23 37.44 | -36 23.7 | 19.4 | -0.87 | - 1.7 | 11.7/04.2 | 42886 |
| 2006 DZ <sub>32</sub>  | 2008 09 16.4 | 23 37.47 | -02 05.7 | 20.6 | -0.75 | - 5.2 | 0.1/16.6  | 43260 |
| 2002 JR <sub>113</sub> | 2008 09 16.4 | 23 37.47 | +16 33.9 | 20.5 | -0.79 | - 5.7 | 5.6/23.4  | 12247 |
| 2002 AN <sub>25</sub>  | 2008 09 16.4 | 23 37.50 | +04 10.0 | 19.9 | -0.88 | - 5.6 | 2.2/18.6  | 43143 |
| 2003 UL <sub>208</sub> | 2008 09 16.4 | 23 37.52 | -03 33.4 | 20.6 | -0.73 | - 5.1 | 0.3/16.1  | 21336 |
| 2001 KR <sub>15</sub>  | 2008 09 16.4 | 23 37.53 | -21 16.8 | 18.7 | -0.99 | - 3.4 | 9.0/10.8  | 43120 |
| 2002 KA <sub>2</sub>   | 2008 09 16.4 | 23 37.54 | -11 47.1 | 20.4 | -0.85 | - 5.3 | 2.8/13.4  | 02105 |
| 2003 WK <sub>44</sub>  | 2008 09 16.4 | 23 37.54 | +11 23.0 | 19.8 | -0.79 | - 2.6 | 3.9/20.9  | 43193 |
| 2006 BS <sub>181</sub> | 2008 09 16.4 | 23 37.56 | -04 53.3 | 20.5 | -0.86 | - 5.5 | 0.9/15.7  | 43256 |
| 2008 PJ <sub>12</sub>  | 2008 09 16.4 | 23 37.57 | +13 12.0 | 17.8 | -0.97 | + 1.7 | 6.2/20.6  | 42990 |
| 2004 SB <sub>33</sub>  | 2008 09 16.5 | 23 37.48 | -12 15.0 | 18.1 | -0.86 | - 0.6 | 4.9/13.7  | 42718 |
| 2008 QH <sub>28</sub>  | 2008 09 16.5 | 23 37.49 | -16 11.6 | 19.2 | -0.71 | - 6.6 | 4.7/11.5  | 43005 |
| 2001 TX <sub>179</sub> | 2008 09 16.5 | 23 37.52 | +03 42.5 | 19.3 | -0.93 | - 6.1 | 2.4/18.5  | 43132 |
| 2003 SN <sub>134</sub> | 2008 09 16.5 | 23 37.52 | +05 09.7 | 20.3 | -0.78 | - 5.2 | 2.4/19.1  | 10984 |
| 2004 TW <sub>333</sub> | 2008 09 16.5 | 23 37.53 | -06 30.9 | 19.4 | -0.84 | - 4.6 | 1.4/15.2  | 43220 |
| 2001 XA <sub>106</sub> | 2008 09 16.5 | 23 37.54 | -06 33.2 | 20.5 | -0.93 | - 6.3 | 1.7/15.2  | 94350 |
| 2006 AW <sub>39</sub>  | 2008 09 16.5 | 23 37.55 | -08 44.4 | 20.4 | -0.89 | - 6.3 | 2.4/14.4  | 98080 |
| 2002 XH <sub>86</sub>  | 2008 09 16.5 | 23 37.55 | -04 26.4 | 17.6 | -1.02 | - 3.0 | 1.0/15.9  | 43166 |
| 2002 AR <sub>105</sub> | 2008 09 16.5 | 23 37.58 | -06 59.7 | 19.4 | -0.87 | - 6.4 | 2.0/15.0  | 43143 |
| 2001 RG <sub>104</sub> | 2008 09 16.5 | 23 37.59 | -09 56.8 | 18.8 | -0.89 | - 5.3 | 3.5/14.1  | 42588 |
| 2006 FC <sub>50</sub>  | 2008 09 16.5 | 23 37.59 | -06 00.3 | 19.4 | -0.77 | - 6.7 | 1.2/15.3  | 43266 |
| 2003 FM <sub>104</sub> | 2008 09 16.5 | 23 37.61 | +00 16.6 | 20.2 | -0.82 | - 8.0 | 0.9/17.5  | 20778 |
| 1997 SM <sub>26</sub>  | 2008 09 16.5 | 23 37.61 | -00 43.8 | 20.4 | -0.49 | - 2.3 | 0.3/17.1  | 43093 |
| 2005 WX <sub>170</sub> | 2008 09 16.5 | 23 37.61 | +03 23.1 | 18.8 | -0.90 | - 6.0 | 2.5/18.4  | 43244 |
| 2000 DW <sub>62</sub>  | 2008 09 16.5 | 23 37.63 | +03 01.8 | 19.4 | -0.84 | - 1.8 | 1.6/18.2  | 43103 |
| 2001 FF <sub>72</sub>  | 2008 09 16.5 | 23 37.64 | -14 38.1 | 19.9 | -0.79 | - 3.9 | 3.4/12.5  | 02032 |
| 2002 EW <sub>63</sub>  | 2008 09 16.5 | 23 37.65 | +01 08.7 | 20.0 | -0.46 | - 4.0 | 0.6/17.9  | 66273 |
| 2002 EQ <sub>101</sub> | 2008 09 16.5 | 23 37.66 | -18 00.9 | 20.2 | -0.82 | - 6.1 | 4.7/11.1  | 43150 |
| 2002 GF <sub>39</sub>  | 2008 09 16.5 | 23 37.66 | +05 44.5 | 19.1 | -0.50 | - 3.0 | 1.5/19.5  | 43152 |
| 2003 GH <sub>36</sub>  | 2008 09 16.5 | 23 37.67 | -20 50.7 | 19.5 | -0.88 | - 6.6 | 6.1/10.2  | 20779 |
| 2006 DB <sub>3</sub>   | 2008 09 16.5 | 23 37.68 | +00 55.9 | 21.0 | -0.80 | - 3.3 | 1.0/17.6  | 03860 |
| 2005 UW <sub>327</sub> | 2008 09 16.5 | 23 37.69 | -10 19.6 | 18.6 | -1.02 | - 2.8 | 3.7/14.2  | 20427 |
| 2006 BR <sub>55</sub>  | 2008 09 16.5 | 23 37.71 | -15 48.2 | 20.8 | -0.77 | - 3.5 | 3.4/12.2  | 22808 |
| 2006 DZ <sub>1</sub>   | 2008 09 16.5 | 23 37.76 | -11 00.4 | 19.6 | -0.75 | - 8.5 | 3.1/13.4  | 43259 |
| 2005 SE <sub>193</sub> | 2008 09 16.5 | 23 37.77 | -19 13.9 | 19.2 | -1.11 | - 2.6 | 7.8/11.4  | 20817 |
| 2002 CJ <sub>97</sub>  | 2008 09 16.5 | 23 37.77 | -14 35.3 | 19.9 | -0.80 | - 9.7 | 4.1/12.0  | 94599 |
| 2004 ML <sub>5</sub>   | 2008 09 16.5 | 23 37.82 | +04 52.0 | 19.9 | -0.94 | - 5.8 | 2.8/18.9  | 43202 |
| 2002 NQ <sub>67</sub>  | 2008 09 16.5 | 23 37.84 | -04 40.6 | 20.1 | -0.75 | - 4.6 | 0.7/15.8  | 43156 |
| 1999 TY <sub>185</sub> | 2008 09 16.5 | 23 37.85 | +09 52.7 | 18.4 | -0.86 | - 2.7 | 4.9/20.4  | 43099 |
| 2002 EG <sub>46</sub>  | 2008 09 16.5 | 23 37.91 | +00 49.5 | 19.6 | -0.87 | - 3.8 | 1.1/17.6  | 43150 |
| 2000 YQ <sub>109</sub> | 2008 09 16.5 | 23 37.91 | +06 33.4 | 19.3 | -0.86 | - 3.9 | 3.0/19.4  | 10758 |
| 2001 XY <sub>61</sub>  | 2008 09 16.6 | 23 37.87 | -11 32.3 | 19.4 | -0.92 | - 6.8 | 3.8/13.5  | 43138 |
| 2004 TX <sub>12</sub>  | 2008 09 16.6 | 23 37.88 | -12 10.5 | 19.1 | -0.72 | - 5.0 | 4.7/13.2  | 42718 |
| 2002 OX <sub>5</sub>   | 2008 09 16.6 | 23 37.89 | +15 40.7 | 19.6 | -0.75 | - 4.5 | 5.1/23.0  | 43156 |
| 2001 XD <sub>11</sub>  | 2008 09 16.6 | 23 37.90 | -18 10.0 | 19.0 | -0.90 | - 5.3 | 6.7/11.2  | 43138 |
| 2001 FS <sub>116</sub> | 2008 09 16.6 | 23 37.92 | +08 03.0 | 17.7 | -0.85 | -17.6 | 3.8/20.8  | 43120 |
| 2003 HE <sub>21</sub>  | 2008 09 16.6 | 23 37.93 | -21 44.8 | 19.6 | -1.05 | + 0.3 | 7.8/11.4  | 43172 |
| 2006 HC <sub>1</sub>   | 2008 09 16.6 | 23 38.00 | +18 32.8 | 20.4 | -0.67 | - 8.3 | 5.1/25.0  | 11167 |
| 2007 GT <sub>21</sub>  | 2008 09 16.6 | 23 38.01 | -20 38.4 | 19.8 | -0.98 | - 2.0 | 6.1/11.2  | 20864 |
| 2003 UZ <sub>137</sub> | 2008 09 16.6 | 23 38.03 | +01 07.9 | 18.3 | -0.68 | - 7.5 | 1.2/17.9  | 43188 |
| 2006 BE <sub>212</sub> | 2008 09 16.6 | 23 38.04 | +09 37.9 | 20.4 | -0.98 | + 0.2 | 3.5/20.0  | 43256 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2006 DZ <sub>122</sub> | 2008 09 16.6 | 23 38.08 | -04 07.7 | 19.9 | -0.81 | - 4.4 | 0.6/16.1  | 43262 |
| 2004 RU <sub>333</sub> | 2008 09 16.6 | 23 38.10 | -14 11.2 | 18.6 | -0.69 | - 7.9 | 5.4/12.2  | 43212 |
| 2006 BQ <sub>29</sub>  | 2008 09 16.6 | 23 38.11 | -09 54.0 | 21.2 | -0.84 | - 5.9 | 2.7/14.1  | 20484 |
| 2006 BW <sub>278</sub> | 2008 09 16.6 | 23 38.11 | -01 40.1 | 20.1 | -0.76 | - 6.1 | 0.2/16.9  | 43257 |
| 2006 DN <sub>104</sub> | 2008 09 16.6 | 23 38.11 | +01 26.9 | 20.5 | -0.82 | - 1.9 | 1.0/17.8  | 02296 |
| 2006 DZ <sub>52</sub>  | 2008 09 16.6 | 23 38.11 | +00 07.6 | 19.9 | -0.85 | - 5.4 | 0.9/17.5  | 43260 |
| 2006 BB <sub>34</sub>  | 2008 09 16.6 | 23 38.12 | +03 01.0 | 21.1 | -0.81 | - 3.3 | 1.4/18.4  | 11155 |
| 2004 SY <sub>43</sub>  | 2008 09 16.6 | 23 38.12 | +01 20.4 | 18.3 | -0.76 | - 0.4 | 2.0/18.0  | 43213 |
| 2003 UD <sub>92</sub>  | 2008 09 16.6 | 23 38.14 | -13 19.3 | 19.9 | -0.75 | - 5.0 | 3.3/12.9  | 43187 |
| 2002 CF <sub>303</sub> | 2008 09 16.6 | 23 38.14 | +01 52.3 | 20.3 | -0.95 | - 3.0 | 1.6/17.9  | 02081 |
| 2002 QL <sub>68</sub>  | 2008 09 16.6 | 23 38.16 | -06 43.8 | 21.0 | -0.70 | - 4.9 | 1.2/15.2  | 02119 |
| 2005 WD <sub>43</sub>  | 2008 09 16.6 | 23 38.20 | -05 01.3 | 20.3 | -0.99 | - 5.9 | 1.1/15.8  | 43243 |
| 2005 UR <sub>424</sub> | 2008 09 16.6 | 23 38.20 | -02 24.0 | 18.7 | -0.82 | - 5.4 | 0.0/16.7  | 42779 |
| 2007 LU <sub>24</sub>  | 2008 09 16.6 | 23 38.21 | +03 54.9 | 20.4 | -0.77 | - 6.5 | 2.2/18.9  | 43285 |
| 2001 PY <sub>33</sub>  | 2008 09 16.6 | 23 38.22 | -18 32.1 | 19.7 | -1.02 | - 4.0 | 6.9/11.8  | 90062 |
| 2001 UO <sub>184</sub> | 2008 09 16.6 | 23 38.25 | -10 03.7 | 19.6 | -0.84 | - 8.8 | 3.5/13.9  | 43135 |
| 2005 UH <sub>292</sub> | 2008 09 16.6 | 23 38.29 | +01 50.2 | 20.6 | -0.97 | - 5.5 | 1.6/18.0  | 43239 |
| 2001 OD <sub>38</sub>  | 2008 09 16.7 | 23 38.23 | -23 00.5 | 18.4 | -0.74 | - 3.9 | 10.8/09.1 | 43121 |
| 2007 FP <sub>18</sub>  | 2008 09 16.7 | 23 38.26 | +12 37.8 | 19.2 | -1.63 | + 5.6 | 7.5/19.3  | 43278 |
| 2007 LC <sub>8</sub>   | 2008 09 16.7 | 23 38.28 | -19 25.3 | 18.7 | -0.73 | - 5.6 | 5.7/10.6  | 41875 |
| 2005 UO <sub>371</sub> | 2008 09 16.7 | 23 38.30 | +01 47.4 | 20.3 | -0.93 | - 6.4 | 1.8/18.0  | 96291 |
| 2007 DA <sub>83</sub>  | 2008 09 16.7 | 23 38.34 | -01 10.1 | 19.2 | -0.69 | -10.7 | 0.3/17.2  | 43274 |
| 2000 GK <sub>130</sub> | 2008 09 16.7 | 23 38.38 | -01 32.7 | 19.6 | -0.86 | - 7.3 | 0.4/17.0  | 43105 |
| 2006 BS <sub>250</sub> | 2008 09 16.7 | 23 38.39 | -14 23.3 | 20.3 | -0.67 | - 8.7 | 3.4/12.2  | 22537 |
| 2005 UZ <sub>238</sub> | 2008 09 16.7 | 23 38.41 | -10 43.6 | 21.1 | -0.94 | - 6.6 | 3.0/14.0  | 20821 |
| 2004 LA <sub>15</sub>  | 2008 09 16.7 | 23 38.42 | -09 29.9 | 19.4 | -0.89 | - 7.3 | 3.0/14.3  | 43201 |
| 2004 TS <sub>73</sub>  | 2008 09 16.7 | 23 38.42 | +09 41.3 | 19.3 | -0.80 | - 7.6 | 4.7/21.0  | 43215 |
| 2000 SA <sub>11</sub>  | 2008 09 16.7 | 23 38.46 | +04 03.7 | 18.4 | -1.42 | + 5.6 | 2.9/17.9  | 43108 |
| 2006 DG <sub>24</sub>  | 2008 09 16.7 | 23 38.48 | -13 00.0 | 20.7 | -0.84 | - 3.9 | 3.1/13.3  | 01337 |
| 2005 YT <sub>121</sub> | 2008 09 16.7 | 23 38.48 | -05 23.3 | 19.0 | -0.81 | - 5.1 | 1.6/15.7  | 42789 |
| 2003 FC <sub>91</sub>  | 2008 09 16.7 | 23 38.48 | +02 48.8 | 19.5 | -1.00 | - 4.0 | 1.9/18.3  | 43170 |
| 1994 HH                | 2008 09 16.7 | 23 38.49 | -01 28.9 | 20.3 | -0.85 | - 5.4 | 0.3/17.0  | 43091 |
| 2001 WW <sub>34</sub>  | 2008 09 16.7 | 23 38.49 | -00 44.0 | 19.9 | -0.89 | - 7.3 | 0.6/17.3  | 43137 |
| 2000 YL <sub>136</sub> | 2008 09 16.7 | 23 38.49 | +06 50.7 | 19.2 | -0.76 | -11.8 | 3.3/20.3  | 43117 |
| 2006 DD <sub>33</sub>  | 2008 09 16.7 | 23 38.50 | -03 03.1 | 20.9 | -0.66 | - 7.9 | 0.2/16.5  | 43260 |
| 2004 RO <sub>1</sub>   | 2008 09 16.7 | 23 38.54 | -23 08.3 | 18.8 | -0.72 | -12.5 | 8.4/08.1  | 41153 |
| 2006 DQ <sub>162</sub> | 2008 09 16.7 | 23 38.55 | -02 10.8 | 19.9 | -0.71 | - 6.9 | 0.0/16.8  | 26139 |
| 2003 SR <sub>320</sub> | 2008 09 16.7 | 23 38.58 | -01 46.1 | 21.0 | -0.73 | - 5.9 | 0.2/17.0  | 43183 |
| 2004 TB <sub>300</sub> | 2008 09 16.7 | 23 38.59 | -05 51.0 | 20.0 | -0.90 | - 3.5 | 1.3/15.7  | 43219 |
| 2004 TM <sub>176</sub> | 2008 09 16.7 | 23 38.60 | +15 16.8 | 19.2 | -0.78 | - 7.4 | 6.5/23.3  | 74400 |
| 2001 PM <sub>65</sub>  | 2008 09 16.7 | 23 38.60 | +17 31.7 | 19.3 | -1.01 | - 4.0 | 7.6/23.3  | 43122 |
| 2006 HO <sub>23</sub>  | 2008 09 16.7 | 23 38.62 | +05 13.3 | 20.0 | -0.78 | - 9.0 | 2.5/19.5  | 43267 |
| 2000 FG <sub>2</sub>   | 2008 09 16.7 | 23 38.62 | -01 38.5 | 21.0 | -0.93 | - 7.2 | 0.2/17.0  | 43104 |
| 2007 GE <sub>39</sub>  | 2008 09 16.7 | 23 38.63 | -04 53.3 | 21.3 | -0.91 | - 5.5 | 0.9/16.0  | 20866 |
| 2000 UV <sub>63</sub>  | 2008 09 16.7 | 23 38.64 | +04 53.1 | 19.3 | -0.90 | - 4.2 | 3.2/19.0  | 43112 |
| 2002 EC <sub>83</sub>  | 2008 09 16.8 | 23 38.56 | -04 12.5 | 18.6 | -1.21 | + 2.7 | 0.7/16.4  | 43150 |
| 2007 LE <sub>5</sub>   | 2008 09 16.8 | 23 38.59 | -40 17.4 | 20.1 | -0.91 | - 4.4 | 13.2/31.9 | 21371 |
| 2004 OG <sub>2</sub>   | 2008 09 16.8 | 23 38.60 | -05 36.6 | 18.8 | -0.75 | -10.1 | 1.4/15.6  | 43203 |
| 2001 WK <sub>81</sub>  | 2008 09 16.8 | 23 38.62 | -02 52.5 | 18.6 | -0.80 | - 6.6 | 0.3/16.6  | 43138 |
| 2004 TG <sub>195</sub> | 2008 09 16.8 | 23 38.63 | +01 09.7 | 19.7 | -0.80 | - 5.9 | 1.5/18.0  | 74404 |
| 2004 HL <sub>30</sub>  | 2008 09 16.8 | 23 38.63 | -11 12.9 | 20.1 | -1.05 | - 4.0 | 3.6/14.2  | 18071 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2005 AF <sub>4</sub>   | 2008 09 16.8 | 23 38.64 | -40 41.1 | 20.4 | -0.83 | - 4.8 | 9.6/31.7  | 00898 |
| 2007 KP <sub>3</sub>   | 2008 09 16.8 | 23 38.67 | -31 39.2 | 19.8 | -0.88 | - 3.1 | 8.8/06.7  | 31531 |
| 2004 RU <sub>167</sub> | 2008 09 16.8 | 23 38.70 | +01 52.5 | 18.9 | -1.12 | + 1.7 | 1.8/18.0  | 42710 |
| 2000 DJ <sub>11</sub>  | 2008 09 16.8 | 23 38.71 | -01 48.0 | 20.1 | -0.70 | - 5.9 | 0.1/17.0  | 43103 |
| 2000 WM <sub>134</sub> | 2008 09 16.8 | 23 38.76 | -18 56.0 | 20.8 | -1.03 | - 1.4 | 6.1/12.0  | 87411 |
| 2006 DS <sub>36</sub>  | 2008 09 16.8 | 23 38.81 | -01 21.0 | 19.8 | -0.80 | - 4.8 | 0.3/17.2  | 43260 |
| 2003 FA                | 2008 09 16.8 | 23 38.82 | -05 53.5 | 19.5 | -1.16 | + 1.6 | 1.5/16.0  | 43169 |
| 2005 UV <sub>218</sub> | 2008 09 16.8 | 23 38.86 | +07 55.8 | 20.2 | -0.96 | - 6.9 | 3.9/20.3  | 43239 |
| 2003 WP <sub>134</sub> | 2008 09 16.8 | 23 38.87 | -06 45.1 | 20.0 | -0.75 | - 4.4 | 1.3/15.4  | 04276 |
| 2006 DC <sub>120</sub> | 2008 09 16.8 | 23 38.88 | -11 07.5 | 19.9 | -0.86 | - 4.7 | 3.0/14.0  | 01412 |
| 2006 DS <sub>32</sub>  | 2008 09 16.8 | 23 38.91 | -02 36.9 | 20.2 | -0.78 | - 5.9 | 0.1/16.8  | 43260 |
| 2006 BU <sub>19</sub>  | 2008 09 16.8 | 23 38.95 | -07 23.2 | 19.6 | -0.86 | - 8.1 | 2.0/15.1  | 43252 |
| 2003 UU <sub>280</sub> | 2008 09 16.8 | 23 38.95 | -13 19.8 | 18.6 | -0.72 | - 3.7 | 4.7/13.1  | 43192 |
| 2005 YX <sub>82</sub>  | 2008 09 16.8 | 23 38.97 | +00 25.2 | 19.0 | -0.77 | - 5.7 | 1.3/17.8  | 19679 |
| 2000 SH <sub>159</sub> | 2008 09 16.8 | 23 38.98 | -04 22.7 | 19.8 | -0.89 | - 5.4 | 0.8/16.2  | 43110 |
| 2004 NL <sub>18</sub>  | 2008 09 16.8 | 23 38.99 | -05 16.9 | 19.2 | -0.86 | - 8.9 | 1.1/15.8  | 43202 |
| 2006 DH <sub>143</sub> | 2008 09 16.8 | 23 38.99 | -02 14.0 | 19.9 | -0.80 | - 4.7 | 0.0/16.9  | 43262 |
| 2004 PR <sub>113</sub> | 2008 09 16.9 | 23 38.92 | +00 17.2 | 19.2 | -0.76 | - 6.3 | 1.2/17.8  | 19619 |
| 2007 HE <sub>70</sub>  | 2008 09 16.9 | 23 38.95 | -25 40.4 | 20.4 | -0.90 | - 1.2 | 6.8/09.8  | 20658 |
| 2004 TA <sub>258</sub> | 2008 09 16.9 | 23 38.95 | -07 10.1 | 19.4 | -0.92 | - 2.9 | 1.8/15.4  | 43219 |
| 2005 CV <sub>12</sub>  | 2008 09 16.9 | 23 39.00 | +19 25.8 | 20.5 | -0.73 | - 4.4 | 5.4/24.7  | 21348 |
| 2004 VB <sub>24</sub>  | 2008 09 16.9 | 23 39.01 | +04 54.6 | 18.9 | -0.73 | -10.8 | 2.6/19.7  | 43222 |
| 2005 YO <sub>129</sub> | 2008 09 16.9 | 23 39.02 | -03 49.1 | 20.3 | -0.88 | - 5.5 | 0.6/16.4  | 43248 |
| 2001 TQ <sub>72</sub>  | 2008 09 16.9 | 23 39.02 | -11 41.5 | 19.6 | -1.02 | - 4.9 | 3.8/13.9  | 43130 |
| 2001 XT <sub>59</sub>  | 2008 09 16.9 | 23 39.03 | -10 25.7 | 18.9 | -0.92 | - 6.2 | 3.2/14.2  | 97519 |
| 2002 EU <sub>12</sub>  | 2008 09 16.9 | 23 39.04 | -10 32.5 | 19.6 | -1.00 | - 1.1 | 2.6/14.6  | 43149 |
| 1995 WB <sub>33</sub>  | 2008 09 16.9 | 23 39.06 | -00 28.4 | 19.6 | -0.77 | - 7.6 | 0.6/17.6  | 43092 |
| 2006 EP <sub>12</sub>  | 2008 09 16.9 | 23 39.06 | -03 06.8 | 20.2 | -0.76 | - 5.2 | 0.3/16.6  | 41847 |
| 2000 EY <sub>59</sub>  | 2008 09 16.9 | 23 39.09 | -02 31.6 | 21.4 | -0.73 | - 4.4 | 0.1/16.9  | 77447 |
| 2002 FB <sub>22</sub>  | 2008 09 16.9 | 23 39.12 | -10 52.3 | 20.0 | -0.76 | - 6.9 | 2.5/13.9  | 21315 |
| 2006 BZ <sub>192</sub> | 2008 09 16.9 | 23 39.14 | +24 52.2 | 20.5 | -0.99 | - 0.3 | 7.7/25.8  | 09504 |
| 2008 QM <sub>11</sub>  | 2008 09 16.9 | 23 39.17 | -03 02.8 | 18.6 | -0.72 | - 5.9 | 0.4/16.7  | 43000 |
| 2002 OY <sub>17</sub>  | 2008 09 16.9 | 23 39.20 | +10 56.2 | 18.7 | -0.72 | - 5.8 | 4.1/21.7  | 43156 |
| 2005 XK <sub>67</sub>  | 2008 09 16.9 | 23 39.22 | +03 14.2 | 20.1 | -0.96 | - 6.1 | 2.1/18.7  | 21351 |
| 2000 JF <sub>45</sub>  | 2008 09 16.9 | 23 39.25 | -12 40.0 | 20.1 | -0.98 | - 4.6 | 3.8/13.8  | 19524 |
| 2004 XA <sub>123</sub> | 2008 09 16.9 | 23 39.27 | -18 49.8 | 20.2 | -0.76 | - 4.6 | 4.6/11.2  | 11076 |
| 2003 FC <sub>54</sub>  | 2008 09 16.9 | 23 39.27 | -09 34.1 | 20.0 | -0.96 | - 3.2 | 2.6/14.8  | 22730 |
| 1999 TN <sub>249</sub> | 2008 09 16.9 | 23 39.28 | +05 23.6 | 18.7 | -0.88 | - 2.9 | 3.0/19.3  | 43099 |
| 2005 WT <sub>38</sub>  | 2008 09 16.9 | 23 39.32 | -00 15.0 | 19.3 | -0.90 | - 7.1 | 0.9/17.7  | 42782 |
| 2007 LQ <sub>8</sub>   | 2008 09 16.9 | 23 39.33 | -10 43.9 | 20.0 | -0.78 | - 7.0 | 3.0/14.0  | 21251 |
| 2001 VQ <sub>6</sub>   | 2008 09 16.9 | 23 39.34 | -02 14.2 | 18.5 | -0.84 | - 4.5 | 0.0/17.0  | 43135 |
| 2007 DB <sub>97</sub>  | 2008 09 16.9 | 23 39.34 | -01 20.1 | 20.5 | -0.91 | - 7.0 | 0.3/17.3  | 43274 |
| 2003 XX <sub>1</sub>   | 2008 09 16.9 | 23 39.34 | -45 44.4 | 18.6 | -1.03 | + 0.3 | 14.4/29.9 | 43195 |
| 2005 VL <sub>21</sub>  | 2008 09 16.9 | 23 39.36 | -11 03.8 | 21.0 | -0.97 | - 5.9 | 3.4/14.2  | 20823 |
| 2005 YR <sub>192</sub> | 2008 09 17.0 | 23 39.28 | -07 55.7 | 20.7 | -0.85 | - 5.8 | 1.9/15.1  | 01190 |
| 2003 UU <sub>112</sub> | 2008 09 17.0 | 23 39.30 | -20 44.2 | 18.6 | -0.83 | - 2.7 | 6.2/10.9  | 43188 |
| 2001 WT <sub>33</sub>  | 2008 09 17.0 | 23 39.31 | -04 26.8 | 19.5 | -0.88 | - 6.7 | 0.8/16.3  | 43137 |
| 2005 YV <sub>263</sub> | 2008 09 17.0 | 23 39.31 | +02 14.5 | 21.8 | -0.90 | - 4.2 | 1.5/18.4  | 01195 |
| 2003 EJ <sub>43</sub>  | 2008 09 17.0 | 23 39.32 | -09 58.3 | 21.4 | -0.92 | - 6.6 | 2.6/14.4  | 21325 |
| 2005 UX <sub>151</sub> | 2008 09 17.0 | 23 39.33 | -11 18.6 | 19.9 | -1.02 | - 3.5 | 3.8/14.4  | 26076 |
| 2002 GP <sub>6</sub>   | 2008 09 17.0 | 23 39.33 | -32 08.6 | 18.8 | -1.80 | + 8.0 | 15.4/11.4 | 43152 |

2008 SEPT. 17

M.P.C. 63921

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SX <sub>302</sub> | 2008 09 17.0 | 23 39.35 -06 17.7 19.8 | -0.78 - 5.2 | 1.4/15.6  | 43183 |
| 2004 EF <sub>84</sub>  | 2008 09 17.0 | 23 39.38 -06 07.6 19.5 | -0.94 - 8.3 | 1.6/15.7  | 43199 |
| 2000 VV <sub>45</sub>  | 2008 09 17.0 | 23 39.40 +00 57.1 18.6 | -0.79 - 5.7 | 1.4/18.0  | 43113 |
| 2007 EH <sub>136</sub> | 2008 09 17.0 | 23 39.42 -01 14.7 20.3 | -0.90 - 9.2 | 0.4/17.4  | 19428 |
| 2007 EZ <sub>216</sub> | 2008 09 17.0 | 23 39.42 -01 49.0 20.6 | -0.97 - 5.6 | 0.2/17.2  | 42879 |
| 2006 ET <sub>71</sub>  | 2008 09 17.0 | 23 39.44 -01 46.2 21.2 | -0.77 - 4.1 | 0.1/17.2  | 43265 |
| 2002 CH <sub>118</sub> | 2008 09 17.0 | 23 39.46 -02 13.7 19.5 | -0.87 - 6.5 | 0.0/17.0  | 43147 |
| 2004 XA <sub>129</sub> | 2008 09 17.0 | 23 39.48 -18 11.0 18.7 | -0.90 - 2.0 | 6.5/12.1  | 20814 |
| 2003 UC <sub>134</sub> | 2008 09 17.0 | 23 39.49 +06 19.9 18.7 | -0.87 - 1.8 | 2.9/19.6  | 43188 |
| 2006 DH <sub>188</sub> | 2008 09 17.0 | 23 39.52 -04 51.8 21.1 | -0.74 - 4.6 | 0.7/16.2  | 38086 |
| 2004 VP <sub>7</sub>   | 2008 09 17.0 | 23 39.52 -07 02.2 19.1 | -0.80 - 6.5 | 2.0/15.4  | 43221 |
| 1998 EZ <sub>7</sub>   | 2008 09 17.0 | 23 39.56 -03 31.1 20.3 | -0.78 - 9.4 | 0.4/16.6  | 43094 |
| 2004 WM <sub>12</sub>  | 2008 09 17.0 | 23 39.57 -15 16.2 18.6 | -0.65 -13.3 | 5.5/11.5  | 42730 |
| 2004 UB <sub>5</sub>   | 2008 09 17.0 | 23 39.58 -10 53.3 19.5 | -0.91 - 4.7 | 3.0/14.3  | 43221 |
| 2004 TF <sub>299</sub> | 2008 09 17.0 | 23 39.60 +28 23.5 19.3 | -0.98 - 3.1 | 10.3/28.3 | 20810 |
| 2001 FK <sub>147</sub> | 2008 09 17.0 | 23 39.63 +08 39.7 19.8 | -0.73 - 5.7 | 3.1/20.9  | 43120 |
| 2002 JC <sub>44</sub>  | 2008 09 17.0 | 23 39.63 +08 06.0 19.7 | -0.78 - 5.6 | 2.8/20.6  | 43154 |
| 2004 RK <sub>212</sub> | 2008 09 17.0 | 23 39.64 +20 17.0 19.1 | -0.76 - 8.2 | 9.3/25.8  | 73140 |
| 2006 BY <sub>141</sub> | 2008 09 17.0 | 23 39.65 -00 28.5 20.0 | -0.79 - 5.2 | 0.6/17.7  | 01264 |
| 2004 TN <sub>225</sub> | 2008 09 17.0 | 23 39.65 -04 20.5 20.2 | -0.88 - 5.3 | 0.8/16.4  | 43218 |
| 2003 UH <sub>134</sub> | 2008 09 17.0 | 23 39.66 +15 11.8 18.9 | -0.74 - 5.8 | 5.3/23.5  | 43188 |
| 2005 UU <sub>414</sub> | 2008 09 17.0 | 23 39.68 -14 07.0 19.2 | -1.02 - 4.2 | 4.7/13.5  | 18149 |
| 2003 SP <sub>89</sub>  | 2008 09 17.0 | 23 39.68 +13 22.8 18.8 | -0.74 - 6.0 | 5.5/22.8  | 43177 |
| 2001 RM <sub>58</sub>  | 2008 09 17.0 | 23 39.71 -07 56.7 18.8 | -0.88 - 8.0 | 2.5/15.1  | 43125 |
| 2004 TD <sub>91</sub>  | 2008 09 17.0 | 23 39.72 -10 37.6 19.7 | -1.03 - 0.4 | 3.4/14.9  | 43216 |
| 2007 CY <sub>51</sub>  | 2008 09 17.1 | 23 39.65 +02 39.4 20.1 | -0.98 - 5.6 | 1.8/18.6  | 43272 |
| 2005 WY <sub>47</sub>  | 2008 09 17.1 | 23 39.66 -07 05.3 19.8 | -0.95 - 4.9 | 2.0/15.6  | 19670 |
| 2006 BK <sub>168</sub> | 2008 09 17.1 | 23 39.68 -13 18.7 19.7 | -0.94 - 3.9 | 3.8/13.6  | 01275 |
| 2003 SJ <sub>289</sub> | 2008 09 17.1 | 23 39.68 -13 57.4 20.3 | -0.87 - 2.3 | 3.8/13.5  | 00580 |
| 2001 SV <sub>77</sub>  | 2008 09 17.1 | 23 39.68 -01 20.1 19.7 | -0.84 -15.4 | 0.3/17.4  | 43126 |
| 2005 YY <sub>119</sub> | 2008 09 17.1 | 23 39.69 -05 50.7 19.6 | -0.83 - 6.3 | 1.3/15.9  | 20831 |
| 2007 EG <sub>108</sub> | 2008 09 17.1 | 23 39.69 -12 10.2 20.4 | -1.07 - 2.2 | 3.6/14.3  | 21362 |
| 2001 XQ <sub>92</sub>  | 2008 09 17.1 | 23 39.69 -08 45.9 18.5 | -0.81 - 4.0 | 3.3/15.0  | 43139 |
| 2000 XG <sub>4</sub>   | 2008 09 17.1 | 23 39.71 -18 06.0 18.8 | -1.06 + 0.6 | 6.9/12.8  | 74058 |
| 2001 YC <sub>8</sub>   | 2008 09 17.1 | 23 39.73 -13 22.9 19.7 | -0.89 - 6.1 | 3.7/13.4  | 97534 |
| 2003 WZ <sub>18</sub>  | 2008 09 17.1 | 23 39.76 +20 26.1 19.8 | -0.76 - 3.9 | 6.9/25.2  | 57256 |
| 2002 DN <sub>10</sub>  | 2008 09 17.1 | 23 39.77 -05 30.0 20.6 | -0.77 - 8.1 | 1.0/15.9  | 43149 |
| 2004 TU <sub>264</sub> | 2008 09 17.1 | 23 39.80 -00 30.1 18.9 | -0.82 - 5.1 | 0.7/17.7  | 43219 |
| 2005 VZ <sub>30</sub>  | 2008 09 17.1 | 23 39.81 -11 29.5 20.6 | -0.92 - 5.2 | 2.9/14.1  | 96369 |
| 2002 CZ <sub>206</sub> | 2008 09 17.1 | 23 39.82 -12 21.1 19.5 | -0.47 - 4.1 | 1.8/13.3  | 89244 |
| 2004 LZ <sub>14</sub>  | 2008 09 17.1 | 23 39.83 -18 19.0 19.0 | -0.86 - 5.8 | 7.2/11.7  | 15794 |
| 2002 PM <sub>173</sub> | 2008 09 17.1 | 23 39.83 +16 38.2 20.2 | -0.83 - 1.9 | 5.3/23.2  | 94819 |
| 2003 SO <sub>225</sub> | 2008 09 17.1 | 23 39.84 -06 49.9 19.0 | -0.77 - 4.1 | 1.9/15.6  | 43181 |
| 2007 HV <sub>65</sub>  | 2008 09 17.1 | 23 39.87 -11 42.6 19.7 | -0.86 - 4.4 | 3.4/14.1  | 43282 |
| 2007 HX <sub>31</sub>  | 2008 09 17.1 | 23 39.87 +13 33.2 19.9 | -0.75 - 7.9 | 5.8/23.2  | 20639 |
| 2006 DQ <sub>92</sub>  | 2008 09 17.1 | 23 39.92 +01 00.8 19.9 | -0.99 - 1.0 | 1.2/18.0  | 42803 |
| 2002 PV <sub>110</sub> | 2008 09 17.1 | 23 40.00 +10 26.4 20.3 | -0.74 - 5.2 | 3.8/21.7  | 10887 |
| 2005 TR <sub>125</sub> | 2008 09 17.1 | 23 40.06 -03 05.2 20.1 | -0.94 - 5.3 | 0.5/16.9  | 43235 |
| 1999 AY <sub>9</sub>   | 2008 09 17.1 | 23 40.06 +39 27.8 19.5 | -1.41 + 2.2 | 19.3/01.2 | 17898 |
| 2007 HW <sub>76</sub>  | 2008 09 17.1 | 23 40.08 -19 29.7 20.6 | -0.88 - 3.5 | 5.8/11.7  | 21692 |
| 2000 ET <sub>9</sub>   | 2008 09 17.1 | 23 40.09 +09 56.5 18.4 | -1.09 + 2.4 | 4.1/20.1  | 43104 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 CH <sub>40</sub>  | 2008 09 17.2 | 23 39.99 +15 35.6 20.8 | -0.87 - 4.5 | 5.1/23.1  | 10856 |
| 2003 TR <sub>15</sub>  | 2008 09 17.2 | 23 40.00 -19 32.3 19.3 | -0.78 - 4.4 | 6.0/11.1  | 97683 |
| 2005 JY <sub>28</sub>  | 2008 09 17.2 | 23 40.03 -10 57.3 20.1 | -0.49 - 4.2 | 1.7/14.0  | 43232 |
| 2004 VJ <sub>60</sub>  | 2008 09 17.2 | 23 40.03 -30 07.8 20.8 | -0.82 - 2.2 | 6.4/07.7  | 02226 |
| 2004 YK <sub>36</sub>  | 2008 09 17.2 | 23 40.04 +29 57.4 21.5 | -0.90 - 0.7 | 7.7/28.1  | 11077 |
| 2007 HJ <sub>44</sub>  | 2008 09 17.2 | 23 40.05 -03 29.4 20.2 | -0.79 - 4.1 | 0.4/16.8  | 43282 |
| 2004 XR <sub>167</sub> | 2008 09 17.2 | 23 40.06 -07 40.5 19.7 | -0.80 - 4.8 | 1.8/15.4  | 11076 |
| 2007 CQ <sub>60</sub>  | 2008 09 17.2 | 23 40.06 -01 56.5 19.0 | -1.48 + 2.5 | 0.1/17.3  | 19700 |
| 2004 KQ <sub>6</sub>   | 2008 09 17.2 | 23 40.11 -07 48.2 20.3 | -0.93 - 7.6 | 2.3/15.3  | 16272 |
| 2001 AE <sub>19</sub>  | 2008 09 17.2 | 23 40.13 -13 08.6 20.9 | -0.78 - 5.8 | 3.0/13.4  | 20835 |
| 2001 TE <sub>11</sub>  | 2008 09 17.2 | 23 40.13 -06 44.2 19.7 | -1.00 - 3.8 | 2.0/15.9  | 43130 |
| 2003 BZ <sub>61</sub>  | 2008 09 17.2 | 23 40.19 +02 47.4 19.5 | -0.98 - 5.3 | 1.8/18.8  | 43167 |
| 2001 WE <sub>2</sub>   | 2008 09 17.2 | 23 40.20 +02 52.0 19.6 | -1.05 - 5.1 | 1.9/18.0  | 02050 |
| 2004 TQ <sub>32</sub>  | 2008 09 17.2 | 23 40.21 +01 53.3 20.0 | -0.84 - 5.3 | 1.4/18.6  | 43214 |
| 2005 YW <sub>173</sub> | 2008 09 17.2 | 23 40.22 +10 56.0 20.2 | -0.86 - 4.3 | 3.9/21.5  | 96817 |
| 2005 WQ <sub>143</sub> | 2008 09 17.2 | 23 40.22 -05 27.7 20.8 | -0.91 - 5.8 | 1.1/16.2  | 11151 |
| 2004 XB <sub>10</sub>  | 2008 09 17.2 | 23 40.23 -07 58.5 19.0 | -0.81 - 5.1 | 2.2/15.3  | 77793 |
| 2000 ST <sub>73</sub>  | 2008 09 17.2 | 23 40.24 -20 49.1 18.9 | -1.11 + 0.7 | 7.5/12.2  | 43109 |
| 2004 DQ <sub>59</sub>  | 2008 09 17.2 | 23 40.29 -11 22.7 20.6 | -0.60 - 3.7 | 2.0/14.0  | 89517 |
| 2007 GO <sub>72</sub>  | 2008 09 17.2 | 23 40.30 -04 50.2 18.8 | -0.99 - 1.2 | 1.3/16.5  | 43280 |
| 2005 BM <sub>13</sub>  | 2008 09 17.2 | 23 40.33 +03 03.9 20.0 | -0.74 - 4.1 | 1.4/19.0  | 43229 |
| 2001 SP <sub>148</sub> | 2008 09 17.2 | 23 40.36 +04 08.0 18.3 | -0.87 - 7.2 | 2.8/19.4  | 43127 |
| 1998 WZ <sub>35</sub>  | 2008 09 17.2 | 23 40.40 -21 35.3 18.8 | -1.11 + 1.1 | 9.3/12.4  | 43095 |
| 2002 CE <sub>314</sub> | 2008 09 17.2 | 23 40.40 -00 14.8 21.1 | -0.82 - 6.7 | 0.6/17.9  | 43148 |
| 2000 EP <sub>26</sub>  | 2008 09 17.2 | 23 40.45 -05 05.0 19.1 | -1.30 + 1.0 | 1.1/16.6  | 43104 |
| 2002 FD <sub>36</sub>  | 2008 09 17.3 | 23 40.40 -25 38.4 20.1 | -0.90 - 5.1 | 7.2/08.9  | 10868 |
| 2003 SK <sub>237</sub> | 2008 09 17.3 | 23 40.41 -01 48.1 20.1 | -0.88 - 2.1 | 0.1/17.4  | 43181 |
| 2003 GF <sub>28</sub>  | 2008 09 17.3 | 23 40.41 -01 02.4 21.6 | -0.46 - 3.3 | 0.2/17.7  | 69505 |
| 2003 UK <sub>266</sub> | 2008 09 17.3 | 23 40.44 -16 06.6 19.1 | -0.83 - 2.1 | 4.2/13.0  | 02189 |
| 2006 AK <sub>23</sub>  | 2008 09 17.3 | 23 40.50 -17 39.3 18.9 | -0.73 - 6.5 | 7.1/11.6  | 41838 |
| 2006 EX <sub>20</sub>  | 2008 09 17.3 | 23 40.53 -00 19.2 21.0 | -0.81 - 3.5 | 0.5/18.0  | 43264 |
| 2006 DM <sub>147</sub> | 2008 09 17.3 | 23 40.54 -03 18.8 20.1 | -0.80 - 5.5 | 0.4/16.9  | 43263 |
| 2003 UU <sub>59</sub>  | 2008 09 17.3 | 23 40.54 +18 14.6 19.3 | -0.85 - 2.2 | 6.0/24.0  | 43186 |
| 2004 NC <sub>13</sub>  | 2008 09 17.3 | 23 40.55 +07 04.3 20.7 | -0.96 - 6.5 | 3.1/20.4  | 43202 |
| 2005 YM <sub>40</sub>  | 2008 09 17.3 | 23 40.56 +00 12.1 21.1 | -0.91 - 5.0 | 0.8/18.0  | 96702 |
| 2001 BM <sub>76</sub>  | 2008 09 17.3 | 23 40.56 +16 55.9 20.3 | -0.89 - 3.1 | 6.4/23.5  | 74905 |
| 2000 CC <sub>35</sub>  | 2008 09 17.3 | 23 40.56 +09 06.7 19.2 | -0.86 - 3.0 | 3.9/20.8  | 43103 |
| 2001 DU <sub>62</sub>  | 2008 09 17.3 | 23 40.57 -08 30.1 18.9 | -0.75 - 8.8 | 2.2/15.0  | 43119 |
| 2007 GM <sub>17</sub>  | 2008 09 17.3 | 23 40.61 +00 19.5 21.3 | -0.91 - 5.7 | 0.8/18.1  | 20863 |
| 2005 WX <sub>44</sub>  | 2008 09 17.3 | 23 40.61 -01 29.6 20.0 | -0.95 - 5.6 | 10.2/08.0 | 43243 |
| 2001 QU <sub>261</sub> | 2008 09 17.3 | 23 40.62 +10 36.0 18.5 | -0.79 + 1.1 | 7.2/21.1  | 43124 |
| 2006 BH <sub>250</sub> | 2008 09 17.3 | 23 40.63 +00 35.9 19.4 | -0.84 - 4.0 | 0.9/18.2  | 42798 |
| 2004 PT <sub>18</sub>  | 2008 09 17.3 | 23 40.64 -01 32.3 19.4 | -0.83 - 7.0 | 0.2/17.6  | 43203 |
| 2002 AZ <sub>38</sub>  | 2008 09 17.3 | 23 40.65 -15 31.5 19.6 | -0.81 - 7.6 | 4.3/12.6  | 21310 |
| 2004 FR <sub>5</sub>   | 2008 09 17.3 | 23 40.65 -17 00.0 19.6 | -1.12 - 1.9 | 6.6/13.4  | 97701 |
| 2007 GT <sub>53</sub>  | 2008 09 17.3 | 23 40.72 -03 18.0 19.4 | -0.72 - 6.7 | 0.4/17.0  | 43280 |
| 2001 UD <sub>221</sub> | 2008 09 17.3 | 23 40.73 +02 27.4 19.3 | -0.90 - 6.0 | 1.9/18.9  | 21307 |
| 2006 DT <sub>149</sub> | 2008 09 17.3 | 23 40.78 +01 30.4 19.8 | -0.93 - 1.1 | 1.4/18.4  | 42805 |
| 2007 EN <sub>9</sub>   | 2008 09 17.3 | 23 40.79 -00 04.7 19.7 | -1.26 + 0.6 | 0.7/18.0  | 43274 |
| 2003 GW <sub>19</sub>  | 2008 09 17.4 | 23 40.71 -02 20.0 21.1 | -0.91 - 5.8 | 0.1/17.3  | 43171 |
| 2004 TY <sub>133</sub> | 2008 09 17.4 | 23 40.72 +15 48.3 18.4 | -0.68 -11.1 | 7.1/24.9  | 43216 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 WT <sub>68</sub>  | 2008 09 17.4 | 23 40.72 +24 36.7 19.5 | -0.71 - 5.4 | 7.2/27.8  | 00671 |
| 2006 BE <sub>183</sub> | 2008 09 17.4 | 23 40.75 -04 09.5 20.7 | -0.77 - 4.6 | 0.6/16.7  | 43256 |
| 2005 BN <sub>35</sub>  | 2008 09 17.4 | 23 40.79 +03 03.4 21.1 | -0.76 - 4.5 | 1.5/19.1  | 76628 |
| 2001 RD <sub>64</sub>  | 2008 09 17.4 | 23 40.79 +08 58.4 18.9 | -0.84 - 8.0 | 4.9/21.3  | 43125 |
| 1999 XA <sub>115</sub> | 2008 09 17.4 | 23 40.79 +25 45.0 17.5 | -0.87 + 0.8 | 12.9/25.8 | 41753 |
| 2003 UU <sub>73</sub>  | 2008 09 17.4 | 23 40.80 +29 14.1 19.5 | -0.87 -17.6 | 13.6/02.3 | 76071 |
| 2005 XR <sub>7</sub>   | 2008 09 17.4 | 23 40.88 +11 38.9 19.1 | -0.93 - 6.5 | 5.4/22.2  | 43245 |
| 1998 QA <sub>107</sub> | 2008 09 17.4 | 23 40.88 -04 33.2 20.6 | -0.59 - 7.7 | 1.4/16.5  | 42571 |
| 2001 XK <sub>225</sub> | 2008 09 17.4 | 23 40.89 +04 15.9 20.9 | -0.90 - 5.7 | 2.1/19.5  | 94396 |
| 2002 CO <sub>279</sub> | 2008 09 17.4 | 23 40.90 -14 01.3 19.1 | -0.76 - 9.6 | 4.2/13.0  | 19572 |
| 2001 TD <sub>33</sub>  | 2008 09 17.4 | 23 40.97 +02 39.2 18.5 | -1.00 - 1.9 | 2.1/18.8  | 43130 |
| 2005 WW <sub>50</sub>  | 2008 09 17.4 | 23 40.97 +05 23.5 19.7 | -0.92 - 6.7 | 2.9/20.0  | 43243 |
| 2004 RX <sub>185</sub> | 2008 09 17.4 | 23 41.01 +05 53.0 19.8 | -0.80 - 8.3 | 3.1/20.3  | 43210 |
| 2000 BJ <sub>35</sub>  | 2008 09 17.4 | 23 41.05 +05 08.9 20.1 | -0.77 - 2.9 | 1.8/19.8  | 43103 |
| 2006 GO <sub>9</sub>   | 2008 09 17.4 | 23 41.07 -16 21.6 19.8 | -0.95 - 2.1 | 4.6/13.1  | 09547 |
| 1999 VY <sub>104</sub> | 2008 09 17.4 | 23 41.08 -21 43.4 20.1 | -0.90 - 2.6 | 6.3/11.1  | 43101 |
| 2002 QD <sub>115</sub> | 2008 09 17.4 | 23 41.09 +16 46.6 20.2 | -0.84 - 1.8 | 5.7/23.6  | 43160 |
| 2004 TR <sub>262</sub> | 2008 09 17.4 | 23 41.10 +13 44.6 18.3 | -0.68 - 8.9 | 6.7/23.8  | 43219 |
| 2000 SJ <sub>31</sub>  | 2008 09 17.4 | 23 41.12 +00 35.0 19.0 | -0.76 -10.3 | 1.1/18.0  | 43108 |
| 2006 EF <sub>43</sub>  | 2008 09 17.4 | 23 41.13 -18 03.8 20.9 | -0.74 - 3.6 | 3.9/12.1  | 01486 |
| 2001 UY                | 2008 09 17.5 | 23 41.10 +24 00.3 19.6 | -0.88 -12.5 | 10.0/27.9 | 22688 |
| 2006 DU <sub>159</sub> | 2008 09 17.5 | 23 41.11 -00 56.6 20.8 | -0.83 - 2.8 | 0.3/17.9  | 42806 |
| 2006 FL <sub>32</sub>  | 2008 09 17.5 | 23 41.14 -09 05.6 19.9 | -0.81 - 2.6 | 2.1/15.3  | 09542 |
| 2007 DB <sub>64</sub>  | 2008 09 17.5 | 23 41.15 -01 21.2 18.9 | -1.02 - 2.8 | 11.1/08.0 | 42872 |
| 2001 TD <sub>124</sub> | 2008 09 17.5 | 23 41.19 +15 03.9 18.3 | -0.91 - 4.0 | 8.0/23.1  | 43131 |
| 2004 FK <sub>23</sub>  | 2008 09 17.5 | 23 41.20 -01 11.3 19.9 | -0.94 - 8.4 | 11.2/08.0 | 43199 |
| 2003 EQ <sub>12</sub>  | 2008 09 17.5 | 23 41.20 +01 18.5 21.1 | -0.91 - 6.1 | 1.1/18.6  | 21325 |
| 2007 JC <sub>31</sub>  | 2008 09 17.5 | 23 41.21 -01 31.1 19.9 | -0.79 - 8.8 | 0.2/17.7  | 43284 |
| 2002 GO <sub>15</sub>  | 2008 09 17.5 | 23 41.23 -01 28.4 19.3 | -0.46 - 3.5 | 0.1/17.7  | 43152 |
| 2006 DW <sub>65</sub>  | 2008 09 17.5 | 23 41.24 -06 53.1 20.5 | -0.84 - 5.9 | 1.6/15.9  | 02293 |
| 2004 TX <sub>328</sub> | 2008 09 17.5 | 23 41.24 -20 05.1 18.8 | -0.79 - 7.2 | 7.2/10.9  | 19642 |
| 1999 VY <sub>185</sub> | 2008 09 17.5 | 23 41.25 +03 49.7 19.1 | -0.72 - 7.2 | 2.3/19.6  | 43101 |
| 2002 XN <sub>45</sub>  | 2008 09 17.5 | 23 41.25 +35 00.9 19.8 | -1.06 - 5.0 | 12.5/01.6 | 18031 |
| 2005 YS <sub>40</sub>  | 2008 09 17.5 | 23 41.26 -11 44.2 18.1 | -0.68 - 8.3 | 4.7/13.9  | 42788 |
| 2007 JH <sub>21</sub>  | 2008 09 17.5 | 23 41.26 +16 04.9 20.1 | -0.86 - 6.2 | 5.4/24.0  | 21367 |
| 2004 JA <sub>22</sub>  | 2008 09 17.5 | 23 41.27 -20 19.9 19.9 | -0.57 - 1.6 | 3.5/11.2  | 22773 |
| 2001 DO <sub>48</sub>  | 2008 09 17.5 | 23 41.29 -20 49.7 19.5 | -0.51 - 3.0 | 3.4/10.6  | 41763 |
| 2001 UJ <sub>64</sub>  | 2008 09 17.5 | 23 41.35 +09 03.5 19.1 | -0.93 - 4.8 | 5.0/21.1  | 43133 |
| 2000 EQ <sub>115</sub> | 2008 09 17.5 | 23 41.35 -03 12.6 19.7 | -0.66 - 7.4 | 0.3/17.1  | 42579 |
| 2001 AL <sub>36</sub>  | 2008 09 17.5 | 23 41.36 -24 54.8 18.4 | -0.87 - 5.4 | 8.3/09.1  | 97428 |
| 2004 TT <sub>220</sub> | 2008 09 17.5 | 23 41.38 -12 18.0 18.9 | -1.04 + 0.4 | 4.0/14.9  | 73400 |
| 2006 BM <sub>199</sub> | 2008 09 17.5 | 23 41.41 +00 39.1 20.7 | -0.77 - 4.9 | 0.8/18.5  | 43256 |
| 2004 TU <sub>175</sub> | 2008 09 17.5 | 23 41.41 -09 53.7 18.9 | -0.85 - 4.5 | 3.1/15.0  | 43217 |
| 2001 XG <sub>135</sub> | 2008 09 17.5 | 23 41.43 +00 00.4 18.4 | -0.77 - 6.6 | 1.0/18.3  | 43139 |
| 2003 SB <sub>274</sub> | 2008 09 17.5 | 23 41.45 -23 54.1 20.3 | -0.92 - 1.6 | 5.4/10.6  | 77718 |
| 2007 EU <sub>109</sub> | 2008 09 17.5 | 23 41.46 -08 18.1 20.3 | -0.98 - 5.1 | 2.3/15.6  | 22882 |
| 2007 HT <sub>71</sub>  | 2008 09 17.5 | 23 41.46 +00 22.3 20.9 | -0.84 - 6.9 | 0.8/18.4  | 43282 |
| 2003 BR <sub>35</sub>  | 2008 09 17.5 | 23 41.64 +46 38.7 20.4 | -2.78 +11.8 | 24.2/28.6 | 48318 |
| 1995 BK <sub>14</sub>  | 2008 09 17.6 | 23 41.43 -13 49.9 19.2 | -0.69 - 8.7 | 3.9/13.1  | 43091 |
| 2002 DX <sub>12</sub>  | 2008 09 17.6 | 23 41.51 -02 58.1 19.3 | -0.53 - 2.2 | 0.2/17.3  | 43149 |
| 2000 HB <sub>62</sub>  | 2008 09 17.6 | 23 41.53 +02 08.4 20.2 | -0.70 - 4.9 | 1.1/19.0  | 43106 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TP <sub>213</sub> | 2008 09 17.6 | 23 41.54 +09 59.5 19.6 | -0.78 - 8.8 | 3.9/22.1  | 43218 |
| 2007 HM <sub>79</sub>  | 2008 09 17.6 | 23 41.57 -12 51.3 20.8 | -0.79 - 7.0 | 3.3/13.8  | 21692 |
| 2002 GC <sub>139</sub> | 2008 09 17.6 | 23 41.58 -04 27.7 21.0 | -0.77 - 7.4 | 0.7/16.8  | 94755 |
| 2005 WV <sub>113</sub> | 2008 09 17.6 | 23 41.59 -09 21.9 19.5 | -1.02 - 4.0 | 3.2/15.4  | 20826 |
| 2003 VE                | 2008 09 17.6 | 23 41.60 +31 13.2 19.4 | -1.15 - 5.3 | 14.8/29.9 | 16258 |
| 2005 XV <sub>57</sub>  | 2008 09 17.6 | 23 41.61 -04 42.3 19.5 | -0.69 - 7.8 | 0.8/16.6  | 43246 |
| 2005 XC <sub>24</sub>  | 2008 09 17.6 | 23 41.63 +17 43.3 18.8 | -1.01 - 3.1 | 8.6/23.8  | 43245 |
| 2002 GL <sub>43</sub>  | 2008 09 17.6 | 23 41.65 -03 34.1 19.8 | -0.87 - 4.4 | 0.5/17.1  | 43152 |
| 2006 DN <sub>33</sub>  | 2008 09 17.6 | 23 41.65 -02 56.3 20.2 | -0.76 - 4.7 | 0.3/17.3  | 43260 |
| 2002 GP <sub>144</sub> | 2008 09 17.6 | 23 41.71 -09 56.1 20.5 | -0.79 - 8.9 | 2.3/14.7  | 43153 |
| 2007 EP <sub>96</sub>  | 2008 09 17.6 | 23 41.73 -00 17.4 20.9 | -0.90 - 6.7 | 0.6/18.2  | 20854 |
| 2002 JJ <sub>131</sub> | 2008 09 17.6 | 23 41.74 +12 57.9 19.7 | -0.81 - 5.6 | 4.2/22.9  | 18013 |
| 2005 UR <sub>23</sub>  | 2008 09 17.6 | 23 41.74 -10 07.3 20.2 | -1.07 - 2.9 | 3.5/15.3  | 19658 |
| 2004 WV <sub>6</sub>   | 2008 09 17.6 | 23 41.75 +05 46.2 20.5 | -0.80 - 4.9 | 2.3/20.2  | 43224 |
| 2000 HR <sub>63</sub>  | 2008 09 17.6 | 23 41.75 -03 30.1 19.9 | -0.96 - 5.4 | 0.6/17.2  | 43106 |
| 2003 UV <sub>96</sub>  | 2008 09 17.6 | 23 41.76 -06 09.4 19.2 | -0.81 - 2.9 | 1.2/16.4  | 43187 |
| 2003 RX <sub>20</sub>  | 2008 09 17.6 | 23 41.76 -06 24.5 19.0 | -0.79 - 4.6 | 1.4/16.2  | 43175 |
| 2004 TT <sub>330</sub> | 2008 09 17.6 | 23 41.77 -09 39.5 18.6 | -0.86 - 4.0 | 3.0/15.2  | 43220 |
| 2004 BU <sub>85</sub>  | 2008 09 17.6 | 23 41.79 -11 13.2 18.6 | -0.83 -23.5 | 3.8/13.7  | 43198 |
| 2004 EU <sub>45</sub>  | 2008 09 17.6 | 23 41.83 -03 23.7 20.9 | -0.57 - 5.1 | 0.3/17.2  | 42695 |
| 2003 UK <sub>134</sub> | 2008 09 17.6 | 23 41.83 -00 55.7 18.4 | -0.83 - 2.3 | 0.4/18.0  | 42669 |
| 2004 TM <sub>53</sub>  | 2008 09 17.6 | 23 41.84 -00 49.4 20.2 | -0.82 - 5.8 | 0.4/18.1  | 43215 |
| 2005 UN <sub>294</sub> | 2008 09 17.6 | 23 41.88 -10 19.2 19.6 | -1.08 - 2.1 | 4.0/15.3  | 43239 |
| 2004 GP <sub>33</sub>  | 2008 09 17.7 | 23 41.80 +00 39.8 19.9 | -0.96 - 7.7 | 1.1/18.6  | 43200 |
| 2003 FO <sub>72</sub>  | 2008 09 17.7 | 23 41.80 -12 12.1 20.0 | -0.91 - 6.4 | 3.6/14.3  | 21326 |
| 2001 UE <sub>205</sub> | 2008 09 17.7 | 23 41.82 -03 59.7 19.1 | -0.97 - 3.8 | 0.8/17.1  | 43135 |
| 2003 EY <sub>6</sub>   | 2008 09 17.7 | 23 41.85 -00 59.7 20.8 | -0.93 - 5.9 | 0.3/18.0  | 20775 |
| 2007 EA <sub>74</sub>  | 2008 09 17.7 | 23 41.86 +00 59.1 20.4 | -0.90 - 8.0 | 1.1/18.7  | 19714 |
| 2001 XJ <sub>26</sub>  | 2008 09 17.7 | 23 41.88 -27 16.5 20.2 | -0.90 - 5.4 | 7.4/08.6  | 02052 |
| 2007 KN <sub>7</sub>   | 2008 09 17.7 | 23 41.93 +17 36.8 20.5 | -0.83 - 6.4 | 6.0/25.0  | 41875 |
| 2003 FB <sub>70</sub>  | 2008 09 17.7 | 23 41.94 -13 45.8 19.6 | -0.51 - 3.2 | 2.3/13.5  | 43170 |
| 2004 JO <sub>43</sub>  | 2008 09 17.7 | 23 41.94 +02 48.3 19.9 | -0.45 - 3.6 | 0.8/19.5  | 43201 |
| 2003 WA <sub>31</sub>  | 2008 09 17.7 | 23 41.94 +17 49.8 18.8 | -0.70 - 7.2 | 6.2/25.4  | 42682 |
| 2002 CQ <sub>273</sub> | 2008 09 17.7 | 23 41.98 +15 57.5 20.6 | -0.85 - 5.8 | 5.7/24.0  | 43148 |
| 2002 EM <sub>39</sub>  | 2008 09 17.7 | 23 41.99 -04 00.6 20.3 | -0.75 - 8.5 | 0.6/17.0  | 43149 |
| 2000 UE <sub>103</sub> | 2008 09 17.7 | 23 42.01 +15 36.5 17.9 | -0.79 - 4.4 | 7.8/23.9  | 43113 |
| 2007 DZ <sub>35</sub>  | 2008 09 17.7 | 23 42.02 -03 17.2 21.5 | -0.92 - 6.8 | 0.5/17.3  | 43273 |
| 2004 TU <sub>335</sub> | 2008 09 17.7 | 23 42.03 +00 05.6 19.6 | -0.79 - 5.8 | 0.6/18.4  | 43220 |
| 2004 TK <sub>5</sub>   | 2008 09 17.7 | 23 42.05 -09 45.1 20.0 | -0.88 - 4.2 | 2.7/15.3  | 43214 |
| 2000 RO <sub>82</sub>  | 2008 09 17.7 | 23 42.07 +13 24.5 18.3 | -0.63 -13.5 | 6.4/24.4  | 43108 |
| 2004 XZ <sub>78</sub>  | 2008 09 17.7 | 23 42.10 -19 47.7 19.7 | -0.79 - 3.9 | 5.2/11.7  | 02232 |
| 2003 UA <sub>82</sub>  | 2008 09 17.7 | 23 42.16 -19 05.8 19.8 | -0.76 - 4.6 | 5.2/11.8  | 02181 |
| 1981 EU <sub>5</sub>   | 2008 09 17.7 | 23 42.16 +08 19.9 20.3 | -0.91 - 6.2 | 3.6/21.2  | 97321 |
| 2003 JA <sub>4</sub>   | 2008 09 17.7 | 23 42.16 -13 18.6 18.7 | -0.81 - 6.5 | 4.8/13.9  | 43172 |
| 2000 ET <sub>173</sub> | 2008 09 17.7 | 23 42.17 -28 08.0 19.8 | -0.79 - 3.6 | 6.5/08.3  | 01997 |
| 2003 YZ <sub>109</sub> | 2008 09 17.7 | 23 42.17 -06 06.5 19.7 | -0.78 - 3.4 | 1.3/16.4  | 43197 |
| 2007 DO <sub>3</sub>   | 2008 09 17.7 | 23 42.20 +00 16.3 20.9 | -0.91 - 8.5 | 0.8/18.5  | 43273 |
| 2002 PH <sub>120</sub> | 2008 09 17.7 | 23 42.20 +15 07.0 17.8 | -0.83 - 0.9 | 6.5/23.0  | 43158 |
| 2002 AO <sub>184</sub> | 2008 09 17.8 | 23 42.14 -11 29.0 19.3 | -0.96 - 4.8 | 3.6/14.8  | 43144 |
| 2005 UT <sub>428</sub> | 2008 09 17.8 | 23 42.14 -00 22.7 20.4 | -0.96 - 6.0 | 0.6/18.3  | 20822 |
| 2007 DK <sub>61</sub>  | 2008 09 17.8 | 23 42.15 -28 34.5 19.1 | -1.78 + 8.2 | 13.9/13.2 | 43274 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 UE <sub>277</sub> | 2008 09 17.8 | 23 42.15 -01 00.8 18.2 | -0.75 - 5.2 | 9.0/29.0  | 43191 |
| 2007 ER <sub>45</sub>  | 2008 09 17.8 | 23 42.16 -03 02.6 20.7 | -0.92 - 5.5 | 0.4/17.4  | 43275 |
| 2001 WN <sub>47</sub>  | 2008 09 17.8 | 23 42.20 -01 23.4 18.4 | -1.02 - 2.6 | 9.9/29.0  | 43137 |
| 2006 DD <sub>87</sub>  | 2008 09 17.8 | 23 42.21 -05 38.4 20.3 | -0.71 - 4.8 | 1.0/16.6  | 11161 |
| 2007 LV <sub>24</sub>  | 2008 09 17.8 | 23 42.23 -12 30.6 20.4 | -0.92 - 5.6 | 3.6/14.4  | 35073 |
| 2001 XA <sub>34</sub>  | 2008 09 17.8 | 23 42.23 -02 00.2 18.9 | -0.83 - 6.1 | 11.6/29.0 | 43138 |
| 2003 FX <sub>17</sub>  | 2008 09 17.8 | 23 42.24 -00 24.0 20.8 | -0.94 - 6.4 | 0.5/18.3  | 43169 |
| 2003 EH <sub>27</sub>  | 2008 09 17.8 | 23 42.27 -06 11.1 20.5 | -0.94 - 5.3 | 1.4/16.5  | 97640 |
| 2003 UO <sub>266</sub> | 2008 09 17.8 | 23 42.30 -25 50.2 20.0 | -0.94 - 1.1 | 7.5/10.1  | 14050 |
| 2001 TR <sub>51</sub>  | 2008 09 17.8 | 23 42.33 -08 10.2 18.7 | -0.90 - 6.8 | 2.8/15.7  | 43130 |
| 2005 YT <sub>175</sub> | 2008 09 17.8 | 23 42.38 -04 30.5 20.3 | -0.96 - 5.3 | 1.1/17.0  | 43249 |
| 2003 WF <sub>85</sub>  | 2008 09 17.8 | 23 42.39 +07 41.8 20.5 | -0.68 - 5.5 | 2.5/21.3  | 43194 |
| 2005 YN <sub>154</sub> | 2008 09 17.8 | 23 42.42 -09 19.1 20.9 | -0.86 - 5.2 | 2.3/15.4  | 96803 |
| 2004 FC <sub>81</sub>  | 2008 09 17.8 | 23 42.43 -11 46.7 20.0 | -0.96 - 7.4 | 4.0/14.6  | 43199 |
| 2005 XP <sub>1</sub>   | 2008 09 17.8 | 23 42.44 -20 53.2 20.8 | -0.93 - 4.0 | 6.1/11.8  | 20827 |
| 2002 EA <sub>53</sub>  | 2008 09 17.8 | 23 42.45 -05 26.1 20.7 | -0.83 - 5.2 | 1.1/16.7  | 02084 |
| 2005 UB <sub>108</sub> | 2008 09 17.8 | 23 42.49 -07 04.5 20.8 | -0.93 - 6.0 | 1.8/16.2  | 19661 |
| 2004 RG <sub>317</sub> | 2008 09 17.8 | 23 42.50 +05 28.2 19.1 | -0.79 -10.2 | 2.8/20.7  | 43212 |
| 1999 RG <sub>168</sub> | 2008 09 17.8 | 23 42.50 -05 28.5 18.9 | -0.73 - 9.8 | 1.4/16.5  | 43097 |
| 2006 ES <sub>22</sub>  | 2008 09 17.8 | 23 42.52 -04 07.0 20.5 | -0.81 - 4.4 | 0.8/17.2  | 43264 |
| 1995 QD <sub>6</sub>   | 2008 09 17.8 | 23 42.54 +17 48.1 20.4 | -0.54 - 1.9 | 3.5/25.0  | 24284 |
| 2004 RY <sub>137</sub> | 2008 09 17.8 | 23 42.57 +02 38.0 19.3 | -0.83 - 9.0 | 1.7/19.5  | 43209 |
| 2005 YW <sub>179</sub> | 2008 09 17.8 | 23 42.58 +16 08.2 19.7 | -0.94 - 3.0 | 6.2/23.7  | 43249 |
| 2005 YL <sub>196</sub> | 2008 09 17.9 | 23 42.51 -00 55.0 19.8 | -0.99 - 5.2 | 10.3/29.0 | 43249 |
| 2001 DR <sub>100</sub> | 2008 09 17.9 | 23 42.53 -06 20.0 19.7 | -0.51 - 2.1 | 0.8/16.4  | 04147 |
| 1998 VZ <sub>42</sub>  | 2008 09 17.9 | 23 42.54 -11 44.0 21.0 | -0.79 - 3.7 | 2.8/14.7  | 01973 |
| 2001 RR <sub>149</sub> | 2008 09 17.9 | 23 42.55 -02 44.3 19.6 | -0.98 - 4.9 | 10.8/08.0 | 43126 |
| 2005 YU <sub>32</sub>  | 2008 09 17.9 | 23 42.55 +00 50.7 21.5 | -0.93 - 6.0 | 1.0/18.8  | 96692 |
| 2005 WL <sub>160</sub> | 2008 09 17.9 | 23 42.55 -13 17.5 19.7 | -1.04 - 3.6 | 4.6/14.5  | 20826 |
| 2001 RW <sub>99</sub>  | 2008 09 17.9 | 23 42.56 -08 48.3 18.6 | -0.83 - 5.7 | 3.4/15.6  | 43125 |
| 2006 AF <sub>78</sub>  | 2008 09 17.9 | 23 42.57 +00 40.6 21.5 | -0.70 - 4.7 | 0.6/18.8  | 02270 |
| 2006 BC <sub>46</sub>  | 2008 09 17.9 | 23 42.58 +05 08.4 19.8 | -0.86 - 3.2 | 2.2/20.1  | 43253 |
| 2003 WF <sub>192</sub> | 2008 09 17.9 | 23 42.58 +02 16.1 20.9 | -0.77 - 3.8 | 1.3/19.3  | 43195 |
| 2003 HC <sub>43</sub>  | 2008 09 17.9 | 23 42.60 -06 49.9 20.6 | -0.49 - 2.3 | 0.8/16.2  | 86034 |
| 2002 DR <sub>11</sub>  | 2008 09 17.9 | 23 42.63 -05 08.1 20.3 | -0.77 - 8.5 | 1.0/16.8  | 43149 |
| 2002 PB <sub>90</sub>  | 2008 09 17.9 | 23 42.64 +14 39.4 19.3 | -0.67 - 7.9 | 5.1/24.4  | 43158 |
| 2005 EK <sub>52</sub>  | 2008 09 17.9 | 23 42.64 +08 16.1 20.6 | -0.82 - 2.6 | 3.0/21.1  | 42741 |
| 2001 QT <sub>255</sub> | 2008 09 17.9 | 23 42.65 +03 18.0 18.8 | -0.86 -10.4 | 2.2/19.8  | 43124 |
| 2005 UL <sub>355</sub> | 2008 09 17.9 | 23 42.66 -07 19.5 17.9 | -1.04 - 1.2 | 2.7/16.5  | 43240 |
| 2005 YA <sub>94</sub>  | 2008 09 17.9 | 23 42.67 +04 00.2 19.6 | -1.01 - 2.8 | 2.3/19.6  | 43247 |
| 2005 XK <sub>54</sub>  | 2008 09 17.9 | 23 42.67 -03 58.2 21.2 | -0.93 - 5.5 | 0.7/17.3  | 43245 |
| 2002 QY <sub>96</sub>  | 2008 09 17.9 | 23 42.68 -02 55.6 19.8 | -0.79 - 3.1 | 0.3/17.6  | 43160 |
| 2006 EZ <sub>72</sub>  | 2008 09 17.9 | 23 42.72 -04 32.9 19.6 | -0.88 - 3.5 | 1.0/17.1  | 43265 |
| 2005 CN <sub>69</sub>  | 2008 09 17.9 | 23 42.75 +03 49.1 21.1 | -0.75 - 4.2 | 1.6/19.8  | 43230 |
| 2001 OS <sub>15</sub>  | 2008 09 17.9 | 23 42.76 -03 42.8 17.6 | -1.02 + 1.1 | 1.0/17.5  | 43121 |
| 2006 AK <sub>71</sub>  | 2008 09 17.9 | 23 42.78 +10 14.4 19.7 | -0.87 - 3.9 | 4.0/21.9  | 96949 |
| 2005 UU <sub>488</sub> | 2008 09 17.9 | 23 42.79 -03 13.4 19.0 | -1.11 - 1.0 | 0.7/17.6  | 43241 |
| 2003 SQ <sub>13</sub>  | 2008 09 17.9 | 23 42.81 -05 33.9 18.7 | -0.79 - 9.0 | 1.4/16.6  | 43176 |
| 1998 YS <sub>31</sub>  | 2008 09 17.9 | 23 42.81 +33 06.9 20.0 | -1.03 - 5.0 | 11.0/30.7 | 97343 |
| 2003 UZ <sub>41</sub>  | 2008 09 17.9 | 23 42.81 -04 08.6 20.4 | -0.77 - 4.4 | 0.7/17.2  | 43186 |
| 2006 EB <sub>32</sub>  | 2008 09 17.9 | 23 42.82 -09 09.6 20.1 | -0.96 - 1.3 | 2.4/15.9  | 43264 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 WU <sub>43</sub>  | 2008 09 17.9 | 23 42.85 +14 50.6 18.7 | -0.83 - 2.0 | 6.2/23.4  | 42682 |
| 2000 AY <sub>212</sub> | 2008 09 17.9 | 23 42.86 -23 20.8 19.7 | -0.81 - 4.7 | 6.8/10.3  | 72053 |
| 1999 XM <sub>10</sub>  | 2008 09 17.9 | 23 42.86 -04 29.1 18.9 | -0.95 - 2.8 | 1.0/17.2  | 43102 |
| 2002 TX <sub>147</sub> | 2008 09 17.9 | 23 42.86 +17 25.2 18.6 | -0.80 - 2.5 | 5.9/24.3  | 43164 |
| 1995 FG <sub>4</sub>   | 2008 09 17.9 | 23 42.89 -06 24.0 20.1 | -0.67 - 8.5 | 1.3/16.3  | 97324 |
| 2007 HV <sub>66</sub>  | 2008 09 17.9 | 23 42.89 -12 54.2 20.0 | -0.87 - 6.7 | 3.8/14.2  | 22889 |
| 2000 WK <sub>94</sub>  | 2008 09 17.9 | 23 42.90 -14 14.0 19.0 | -0.87 - 4.7 | 5.5/13.8  | 43114 |
| 2006 BD <sub>82</sub>  | 2008 09 18.0 | 23 42.88 -10 36.0 19.7 | -0.71 - 5.9 | 2.7/14.9  | 43254 |
| 2001 XK <sub>110</sub> | 2008 09 18.0 | 23 42.89 -00 37.4 18.5 | -0.66 - 6.7 | 0.6/18.5  | 43139 |
| 2002 JX <sub>120</sub> | 2008 09 18.0 | 23 42.89 -15 36.6 21.0 | -0.78 - 6.0 | 3.7/13.2  | 97603 |
| 2003 SD <sub>219</sub> | 2008 09 18.0 | 23 42.90 +00 55.3 19.6 | -0.83 -26.3 | 1.2/19.2  | 43181 |
| 2002 HK <sub>9</sub>   | 2008 09 18.0 | 23 42.92 -06 38.4 18.9 | -0.73 - 8.4 | 1.6/16.3  | 20766 |
| 2006 BO <sub>79</sub>  | 2008 09 18.0 | 23 42.92 -05 22.7 20.4 | -0.80 - 2.8 | 1.0/16.9  | 40369 |
| 2006 DL <sub>131</sub> | 2008 09 18.0 | 23 42.95 -12 11.9 19.1 | -0.85 - 4.3 | 3.9/14.6  | 43262 |
| 2007 EC <sub>127</sub> | 2008 09 18.0 | 23 42.95 -05 28.3 19.7 | -1.04 - 3.7 | 1.4/17.0  | 43276 |
| 2003 YT <sub>164</sub> | 2008 09 18.0 | 23 42.98 -04 14.1 19.5 | -0.75 - 4.8 | 0.8/17.2  | 43197 |
| 1999 TC <sub>21</sub>  | 2008 09 18.0 | 23 43.01 +06 41.1 18.5 | -0.75 - 7.0 | 3.2/21.1  | 43098 |
| 2002 QZ <sub>10</sub>  | 2008 09 18.0 | 23 43.01 +30 03.3 20.7 | -1.14 + 3.1 | 10.7/27.3 | 50626 |
| 2007 HQ <sub>53</sub>  | 2008 09 18.0 | 23 43.02 -00 41.9 19.8 | -0.87 - 8.7 | 0.4/18.4  | 43282 |
| 2003 SH <sub>162</sub> | 2008 09 18.0 | 23 43.10 -01 56.2 18.7 | -0.68 - 8.7 | 0.0/18.0  | 43179 |
| 2002 GK <sub>38</sub>  | 2008 09 18.0 | 23 43.11 -05 36.5 18.5 | -0.90 - 3.1 | 1.4/16.9  | 43152 |
| 2003 AG <sub>9</sub>   | 2008 09 18.0 | 23 43.12 +31 18.7 20.0 | -1.19 - 0.9 | 10.7/28.6 | 65414 |
| 2001 RJ <sub>15</sub>  | 2008 09 18.0 | 23 43.14 +15 48.0 18.4 | -0.77 - 9.1 | 8.3/25.2  | 43124 |
| 2004 XK <sub>6</sub>   | 2008 09 18.0 | 23 43.19 -65 14.0 19.7 | -1.41 + 3.3 | 30.4/13.0 | 97773 |
| 2007 HE <sub>51</sub>  | 2008 09 18.0 | 23 43.20 -07 11.4 20.1 | -0.89 - 6.7 | 2.0/16.3  | 22889 |
| 2004 TR <sub>51</sub>  | 2008 09 18.0 | 23 43.24 +03 35.6 19.6 | -0.83 - 5.4 | 2.0/19.9  | 43215 |
| 2001 XX <sub>71</sub>  | 2008 09 18.0 | 23 43.25 -01 48.2 18.1 | -0.74 -10.6 | 0.0/18.1  | 43138 |
| 2003 BH <sub>44</sub>  | 2008 09 18.0 | 23 43.25 +04 38.4 19.6 | -1.01 - 4.0 | 2.4/20.0  | 43167 |
| 2004 DN <sub>61</sub>  | 2008 09 18.0 | 23 43.27 -00 54.2 21.6 | -0.58 - 3.6 | 0.2/18.4  | 62516 |
| 2000 UD <sub>75</sub>  | 2008 09 18.0 | 23 43.27 -28 29.2 19.3 | -1.02 - 0.9 | 10.9/09.4 | 21300 |
| 1999 UD <sub>48</sub>  | 2008 09 18.0 | 23 43.28 -03 25.9 18.6 | -0.94 - 0.2 | 0.7/17.7  | 42577 |
| 2001 TV <sub>69</sub>  | 2008 09 18.1 | 23 43.23 -01 26.5 19.7 | -0.97 - 5.8 | 0.1/18.2  | 43130 |
| 2005 AZ <sub>60</sub>  | 2008 09 18.1 | 23 43.24 -16 37.4 19.6 | -0.71 - 6.4 | 4.3/12.7  | 43228 |
| 2003 DY <sub>23</sub>  | 2008 09 18.1 | 23 43.25 -02 19.5 20.0 | -0.87 - 7.6 | 0.2/17.9  | 43168 |
| 2003 UR <sub>57</sub>  | 2008 09 18.1 | 23 43.27 -08 25.2 18.7 | -0.90 - 1.1 | 2.1/16.2  | 43186 |
| 2002 CG <sub>77</sub>  | 2008 09 18.1 | 23 43.27 -06 30.9 20.6 | -0.84 - 5.8 | 1.5/16.5  | 17994 |
| 2006 DY <sub>9</sub>   | 2008 09 18.1 | 23 43.32 -09 34.8 19.0 | -0.99 - 3.2 | 3.3/15.8  | 97177 |
| 2001 WH <sub>26</sub>  | 2008 09 18.1 | 23 43.32 -06 35.3 20.5 | -0.94 - 5.8 | 1.9/16.6  | 17972 |
| 2006 DY <sub>22</sub>  | 2008 09 18.1 | 23 43.39 -03 00.9 20.0 | -0.84 - 4.0 | 0.4/17.8  | 43259 |
| 2007 EK <sub>220</sub> | 2008 09 18.1 | 23 43.39 -07 52.6 20.1 | -1.02 - 3.1 | 2.4/16.4  | 41335 |
| 2005 AO <sub>5</sub>   | 2008 09 18.1 | 23 43.41 -18 41.3 20.0 | -0.77 - 4.1 | 4.8/12.3  | 00898 |
| 2004 BR <sub>81</sub>  | 2008 09 18.1 | 23 43.43 -17 53.7 20.4 | -0.60 - 3.9 | 3.4/12.4  | 77771 |
| 2008 QT <sub>15</sub>  | 2008 09 18.1 | 23 43.44 -00 03.1 18.7 | -0.77 - 7.1 | 0.8/18.8  | 43002 |
| 2004 TY <sub>136</sub> | 2008 09 18.1 | 23 43.47 -06 13.1 18.9 | -1.00 - 1.2 | 1.5/16.9  | 02218 |
| 1999 YU <sub>8</sub>   | 2008 09 18.1 | 23 43.47 +04 29.9 19.0 | -1.02 - 4.9 | 2.8/20.1  | 43102 |
| 2003 WD <sub>31</sub>  | 2008 09 18.1 | 23 43.48 +11 31.2 19.1 | -0.74 - 5.3 | 4.2/22.8  | 43193 |
| 2001 SG <sub>211</sub> | 2008 09 18.1 | 23 43.49 -02 40.8 19.5 | -0.93 - 5.2 | 0.4/17.9  | 43128 |
| 1998 BS <sub>22</sub>  | 2008 09 18.1 | 23 43.52 -08 58.2 20.8 | -0.85 - 6.5 | 2.4/15.7  | 97333 |
| 2006 JP <sub>14</sub>  | 2008 09 18.1 | 23 43.52 -20 03.3 21.2 | -0.83 - 2.7 | 5.0/12.2  | 09562 |
| 2007 HK <sub>6</sub>   | 2008 09 18.1 | 23 43.53 -15 26.4 20.0 | -0.85 - 5.4 | 4.5/13.6  | 20628 |
| 1999 RD <sub>222</sub> | 2008 09 18.1 | 23 43.54 +19 49.9 18.9 | -0.95 - 3.8 | 7.6/25.7  | 43097 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2004 XP <sub>170</sub> | 2008 09 18.1 | 23 43.55 | -23 44.5 | 18.7 | -0.77 | - 5.0 | 7.6/10.1  | 43227 |
| 2000 YM <sub>60</sub>  | 2008 09 18.1 | 23 43.57 | -14 18.8 | 20.6 | -0.78 | - 5.9 | 3.5/13.8  | 02023 |
| 2003 WL <sub>178</sub> | 2008 09 18.1 | 23 43.57 | -09 29.5 | 21.1 | -0.75 | - 3.8 | 2.1/15.6  | 22467 |
| 2004 XB <sub>31</sub>  | 2008 09 18.1 | 23 43.58 | +21 38.9 | 20.0 | -0.76 | - 5.1 | 6.1/26.9  | 00870 |
| 2003 UA <sub>223</sub> | 2008 09 18.1 | 23 43.59 | -46 12.6 | 18.9 | -1.81 | +12.4 | 24.2/10.2 | 43190 |
| 2007 LK <sub>23</sub>  | 2008 09 18.1 | 23 43.61 | -08 13.0 | 19.4 | -0.70 | - 9.4 | 2.2/15.7  | 43285 |
| 2006 HX <sub>39</sub>  | 2008 09 18.1 | 23 43.63 | -22 15.9 | 21.4 | -0.79 | - 3.5 | 5.2/11.1  | 14281 |
| 2003 WC <sub>60</sub>  | 2008 09 18.1 | 23 43.64 | -05 22.4 | 19.2 | -0.75 | - 4.4 | 1.3/17.0  | 43193 |
| 2002 CH <sub>294</sub> | 2008 09 18.1 | 23 43.64 | -00 00.9 | 19.3 | -1.04 | - 1.2 | 0.7/18.7  | 43148 |
| 2005 YP <sub>98</sub>  | 2008 09 18.2 | 23 43.58 | +08 17.8 | 19.4 | -0.97 | - 2.8 | 4.5/21.2  | 43248 |
| 2005 LZ <sub>38</sub>  | 2008 09 18.2 | 23 43.59 | -03 13.2 | 20.3 | -0.45 | - 4.4 | 0.3/17.7  | 43232 |
| 2003 WS <sub>162</sub> | 2008 09 18.2 | 23 43.62 | -13 38.5 | 19.3 | -0.75 | - 4.4 | 3.9/14.2  | 02195 |
| 2007 EO <sub>110</sub> | 2008 09 18.2 | 23 43.62 | -07 14.9 | 21.0 | -0.92 | - 5.9 | 1.9/16.4  | 20855 |
| 2006 BN <sub>40</sub>  | 2008 09 18.2 | 23 43.64 | -05 30.5 | 19.5 | -0.77 | - 7.0 | 1.2/16.9  | 43253 |
| 2000 UG <sub>113</sub> | 2008 09 18.2 | 23 43.64 | +12 11.3 | 18.5 | -0.83 | - 5.7 | 5.8/23.1  | 43113 |
| 1994 SH <sub>10</sub>  | 2008 09 18.2 | 23 43.65 | -06 03.0 | 20.3 | -0.85 | - 3.6 | 1.4/16.9  | 01963 |
| 2005 WE <sub>134</sub> | 2008 09 18.2 | 23 43.65 | -14 20.3 | 19.2 | -0.84 | - 4.9 | 5.9/14.0  | 43244 |
| 2003 FS <sub>98</sub>  | 2008 09 18.2 | 23 43.68 | -14 35.8 | 19.1 | -1.13 | - 0.2 | 4.9/14.9  | 19597 |
| 2003 FQ <sub>51</sub>  | 2008 09 18.2 | 23 43.69 | -10 21.3 | 19.5 | -0.97 | - 3.4 | 3.2/15.7  | 43169 |
| 2006 DH <sub>87</sub>  | 2008 09 18.2 | 23 43.70 | -06 10.4 | 20.0 | -0.74 | - 5.2 | 1.4/16.7  | 01389 |
| 2004 RS <sub>81</sub>  | 2008 09 18.2 | 23 43.72 | +02 12.2 | 19.8 | -0.91 | - 3.9 | 1.7/19.5  | 43208 |
| 2002 GH <sub>93</sub>  | 2008 09 18.2 | 23 43.72 | +03 23.5 | 19.3 | -0.79 | - 6.7 | 1.8/20.0  | 43153 |
| 2003 SF <sub>162</sub> | 2008 09 18.2 | 23 43.73 | -18 08.1 | 19.6 | -0.96 | + 0.1 | 5.5/13.6  | 00542 |
| 2003 UO <sub>182</sub> | 2008 09 18.2 | 23 43.75 | +01 08.9 | 19.7 | -0.76 | - 4.9 | 1.0/19.2  | 43189 |
| 2003 UF <sub>27</sub>  | 2008 09 18.2 | 23 43.75 | -18 13.0 | 20.2 | -0.80 | - 3.4 | 5.5/12.8  | 42662 |
| 2006 FG <sub>42</sub>  | 2008 09 18.2 | 23 43.76 | +07 57.9 | 21.5 | -0.75 | - 7.7 | 2.9/21.7  | 02313 |
| 2001 TJ <sub>25</sub>  | 2008 09 18.2 | 23 43.77 | +08 41.1 | 18.8 | -0.81 | - 8.2 | 4.6/22.0  | 43130 |
| 2004 DP <sub>57</sub>  | 2008 09 18.2 | 23 43.78 | -05 41.4 | 20.7 | -0.57 | - 4.3 | 0.9/16.9  | 04298 |
| 2000 WP <sub>189</sub> | 2008 09 18.2 | 23 43.79 | +04 53.9 | 19.0 | -0.84 | - 5.1 | 2.7/20.4  | 43115 |
| 2006 EG <sub>53</sub>  | 2008 09 18.2 | 23 43.81 | -33 56.0 | 21.3 | -1.20 | - 0.2 | 9.0/08.2  | 01489 |
| 2004 RC <sub>224</sub> | 2008 09 18.2 | 23 43.83 | -14 24.9 | 19.3 | -0.80 | - 5.8 | 5.6/13.8  | 43211 |
| 2002 EG <sub>139</sub> | 2008 09 18.2 | 23 43.84 | -06 26.5 | 19.7 | -0.89 | - 4.1 | 1.8/16.8  | 43151 |
| 1994 RJ <sub>26</sub>  | 2008 09 18.2 | 23 43.85 | +04 12.9 | 19.3 | -0.85 | - 6.6 | 2.7/20.3  | 43091 |
| 1998 WA <sub>39</sub>  | 2008 09 18.2 | 23 43.87 | +17 14.5 | 20.6 | -0.69 | - 5.9 | 4.6/25.4  | 04114 |
| 2005 VQ <sub>116</sub> | 2008 09 18.2 | 23 43.91 | -01 14.6 | 18.8 | -1.02 | - 3.9 | 0.2/18.4  | 43242 |
| 2003 UU <sub>227</sub> | 2008 09 18.2 | 23 43.91 | +10 34.8 | 19.6 | -0.72 | - 5.5 | 3.6/22.6  | 00642 |
| 2000 SY <sub>291</sub> | 2008 09 18.2 | 23 43.92 | -00 43.8 | 18.9 | -1.11 | + 1.5 | 0.5/18.5  | 43111 |
| 2007 DG <sub>53</sub>  | 2008 09 18.2 | 23 43.94 | +02 53.5 | 19.6 | -0.90 | - 6.6 | 1.9/19.8  | 43274 |
| 2002 EB                | 2008 09 18.2 | 23 43.94 | -50 03.0 | 19.9 | -1.31 | + 1.0 | 15.3/03.0 | 43149 |
| 1999 XW <sub>137</sub> | 2008 09 18.2 | 23 43.97 | +18 12.4 | 19.9 | -0.75 | - 6.8 | 7.1/25.9  | 43102 |
| 2000 XJ <sub>47</sub>  | 2008 09 18.2 | 23 43.99 | -18 13.9 | 19.5 | -1.58 | + 4.7 | 6.9/14.9  | 74062 |
| 2007 GZ <sub>23</sub>  | 2008 09 18.2 | 23 44.00 | -05 03.3 | 20.8 | -0.87 | - 5.0 | 1.0/17.2  | 21208 |
| 2007 EC <sub>79</sub>  | 2008 09 18.2 | 23 44.01 | +00 38.0 | 20.2 | -0.93 | - 5.6 | 0.8/19.1  | 43276 |
| 2005 WL <sub>154</sub> | 2008 09 18.2 | 23 44.02 | +03 13.0 | 19.6 | -0.93 | - 5.4 | 1.8/19.9  | 43244 |
| 2001 UM <sub>149</sub> | 2008 09 18.3 | 23 43.96 | -03 37.2 | 18.3 | -0.69 | - 7.3 | 1.0/17.6  | 42600 |
| 2005 JQ <sub>34</sub>  | 2008 09 18.3 | 23 43.99 | -51 31.6 | 20.5 | -1.59 | + 6.1 | 23.8/03.0 | 89662 |
| 2004 TY <sub>53</sub>  | 2008 09 18.3 | 23 44.01 | -01 47.7 | 19.7 | -0.82 | - 5.7 | 0.0/18.3  | 43215 |
| 2003 SA <sub>349</sub> | 2008 09 18.3 | 23 44.03 | +00 09.1 | 20.3 | -0.70 | - 8.8 | 0.6/19.0  | 42658 |
| 2001 AA <sub>4</sub>   | 2008 09 18.3 | 23 44.05 | -20 11.6 | 18.6 | -0.76 | - 9.1 | 7.0/11.0  | 21302 |
| 2003 UQ <sub>203</sub> | 2008 09 18.3 | 23 44.05 | +12 39.8 | 20.2 | -0.69 | - 7.1 | 4.3/23.7  | 43190 |
| 2002 PW <sub>158</sub> | 2008 09 18.3 | 23 44.07 | +11 32.0 | 20.5 | -0.86 | - 2.7 | 4.0/23.0  | 94813 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2000 GQ <sub>118</sub> | 2008 09 18.3 | 23 44.11 | +00 03.1 | 21.2 | -0.97 | - 5.7 | 0.7/18.9  | 43105 |
| 2002 PO <sub>20</sub>  | 2008 09 18.3 | 23 44.11 | +02 43.4 | 19.8 | -0.76 | - 4.2 | 1.4/19.8  | 43157 |
| 2007 FF <sub>38</sub>  | 2008 09 18.3 | 23 44.13 | +10 51.6 | 20.1 | -0.98 | - 2.9 | 4.0/22.2  | 20861 |
| 2002 CY <sub>107</sub> | 2008 09 18.3 | 23 44.17 | +02 46.0 | 18.3 | -1.66 | + 5.0 | 2.2/19.1  | 43146 |
| 2003 SC <sub>273</sub> | 2008 09 18.3 | 23 44.18 | -02 33.0 | 18.8 | -0.84 | - 2.1 | 0.3/18.1  | 43182 |
| 2005 WS <sub>79</sub>  | 2008 09 18.3 | 23 44.19 | -13 05.2 | 20.7 | -0.96 | - 5.3 | 3.9/14.7  | 97994 |
| 2003 UO <sub>119</sub> | 2008 09 18.3 | 23 44.22 | -06 59.8 | 19.2 | -0.83 | - 2.3 | 1.6/16.8  | 43188 |
| 2006 DU <sub>12</sub>  | 2008 09 18.3 | 23 44.23 | -06 41.0 | 19.0 | -0.68 | - 8.9 | 1.6/16.5  | 43259 |
| 2007 EJ <sub>142</sub> | 2008 09 18.3 | 23 44.23 | +01 35.0 | 19.7 | -1.00 | - 3.4 | 1.3/19.3  | 43277 |
| 2000 EN <sub>168</sub> | 2008 09 18.3 | 23 44.24 | -14 42.9 | 19.7 | -0.86 | - 1.8 | 3.6/14.4  | 77450 |
| 2003 EJ <sub>22</sub>  | 2008 09 18.3 | 23 44.24 | -06 35.7 | 20.6 | -0.84 | - 8.5 | 1.5/16.6  | 19594 |
| 2005 YL <sub>132</sub> | 2008 09 18.3 | 23 44.25 | +04 12.0 | 20.3 | -0.96 | - 5.3 | 2.4/20.2  | 43248 |
| 2001 YS <sub>99</sub>  | 2008 09 18.3 | 23 44.27 | +05 33.8 | 20.0 | -0.91 | - 6.5 | 2.8/20.8  | 43142 |
| 2007 FT <sub>37</sub>  | 2008 09 18.3 | 23 44.29 | +01 03.1 | 20.5 | -0.84 | - 8.3 | 1.0/19.3  | 43278 |
| 2004 UZ <sub>10</sub>  | 2008 09 18.3 | 23 44.30 | +17 23.7 | 17.9 | -0.71 | - 8.4 | 7.9/25.8  | 43221 |
| 2006 EY <sub>71</sub>  | 2008 09 18.3 | 23 44.30 | -07 58.2 | 20.2 | -0.78 | - 3.1 | 1.8/16.4  | 09539 |
| 2001 YF <sub>20</sub>  | 2008 09 18.3 | 23 44.32 | -15 24.5 | 20.4 | -0.95 | - 4.1 | 4.2/14.1  | 94419 |
| 2000 TZ <sub>66</sub>  | 2008 09 18.3 | 23 44.32 | -09 39.2 | 19.8 | -0.90 | - 4.9 | 2.7/15.8  | 97408 |
| 2002 EV <sub>64</sub>  | 2008 09 18.3 | 23 44.33 | +00 11.3 | 20.9 | -0.84 | - 6.7 | 0.6/19.0  | 43150 |
| 1995 UK <sub>65</sub>  | 2008 09 18.3 | 23 44.36 | -17 36.6 | 19.9 | -1.00 | - 0.8 | 5.5/13.9  | 19509 |
| 2006 FO <sub>10</sub>  | 2008 09 18.4 | 23 44.30 | +04 21.7 | 20.0 | -0.74 | - 7.9 | 1.7/20.6  | 43265 |
| 2007 GW <sub>50</sub>  | 2008 09 18.4 | 23 44.33 | -08 40.0 | 20.8 | -0.89 | - 6.8 | 2.4/16.1  | 21213 |
| 2005 EM <sub>225</sub> | 2008 09 18.4 | 23 44.34 | -22 33.2 | 19.5 | -0.76 | - 5.5 | 5.9/10.7  | 43231 |
| 2001 WU <sub>9</sub>   | 2008 09 18.4 | 23 44.35 | +01 42.5 | 19.4 | -0.87 | - 8.4 | 1.2/19.6  | 43137 |
| 2002 PM <sub>18</sub>  | 2008 09 18.4 | 23 44.36 | +01 26.6 | 19.8 | -0.71 | - 6.0 | 0.9/19.5  | 43157 |
| 2006 AN <sub>19</sub>  | 2008 09 18.4 | 23 44.40 | +05 49.0 | 19.9 | -0.91 | - 3.5 | 2.3/20.7  | 43250 |
| 2003 WU <sub>181</sub> | 2008 09 18.4 | 23 44.43 | +14 36.9 | 19.1 | -0.76 | - 3.6 | 5.2/24.0  | 43195 |
| 1981 EE <sub>3</sub>   | 2008 09 18.4 | 23 44.45 | +10 28.3 | 19.3 | -0.95 | - 3.1 | 4.4/22.1  | 43091 |
| 2003 EN <sub>2</sub>   | 2008 09 18.4 | 23 44.46 | -00 52.4 | 20.5 | -0.92 | - 5.9 | 0.3/18.7  | 43168 |
| 2005 YL <sub>57</sub>  | 2008 09 18.4 | 23 44.47 | +02 24.5 | 19.8 | -0.98 | - 4.8 | 1.9/19.7  | 43247 |
| 2003 EM <sub>33</sub>  | 2008 09 18.4 | 23 44.48 | -03 58.0 | 21.2 | -0.95 | - 5.1 | 0.8/17.7  | 43168 |
| 2002 RS <sub>23</sub>  | 2008 09 18.4 | 23 44.48 | -04 02.7 | 19.0 | -0.71 | - 5.2 | 0.7/17.6  | 43161 |
| 2005 CJ <sub>27</sub>  | 2008 09 18.4 | 23 44.50 | +25 12.7 | 19.8 | -0.97 | + 0.1 | 8.3/26.7  | 76663 |
| 2003 SU <sub>76</sub>  | 2008 09 18.4 | 23 44.54 | +05 23.9 | 19.0 | -0.69 | - 8.4 | 2.4/21.1  | 43177 |
| 2005 YN <sub>188</sub> | 2008 09 18.4 | 23 44.57 | -03 42.2 | 21.6 | -0.93 | - 5.4 | 0.7/17.8  | 96832 |
| 1998 FO <sub>105</sub> | 2008 09 18.4 | 23 44.57 | +03 20.4 | 20.5 | -0.85 | - 4.8 | 1.5/20.1  | 01969 |
| 2006 DL <sub>82</sub>  | 2008 09 18.4 | 23 44.58 | -02 43.7 | 20.0 | -0.77 | - 5.8 | 0.3/18.1  | 43261 |
| 2001 SP <sub>2</sub>   | 2008 09 18.4 | 23 44.60 | +00 38.9 | 18.8 | -0.88 | - 9.8 | 1.0/19.3  | 43126 |
| 2002 EH <sub>94</sub>  | 2008 09 18.4 | 23 44.61 | -04 45.3 | 20.2 | -0.80 | - 6.8 | 1.0/17.4  | 43150 |
| 2007 HB <sub>90</sub>  | 2008 09 18.4 | 23 44.66 | -15 26.5 | 20.2 | -0.84 | - 7.0 | 5.0/13.7  | 40464 |
| 2004 RT <sub>170</sub> | 2008 09 18.4 | 23 44.66 | -03 04.0 | 18.7 | -1.05 | - 0.3 | 0.5/18.1  | 43209 |
| 2000 HR <sub>77</sub>  | 2008 09 18.4 | 23 44.66 | +16 19.2 | 20.9 | -0.71 | - 5.3 | 4.4/25.0  | 10736 |
| 2006 DO <sub>80</sub>  | 2008 09 18.4 | 23 44.66 | -02 03.8 | 19.0 | -0.75 | - 7.5 | 0.2/18.3  | 42802 |
| 2001 UK <sub>12</sub>  | 2008 09 18.4 | 23 44.67 | +01 03.4 | 18.4 | -0.86 | - 4.5 | 1.3/19.4  | 42597 |
| 2001 VZ <sub>77</sub>  | 2008 09 18.4 | 23 44.68 | +01 09.3 | 20.7 | -0.90 | - 6.0 | 1.0/19.4  | 94274 |
| 2006 DP <sub>114</sub> | 2008 09 18.4 | 23 44.69 | -17 09.9 | 20.9 | -0.82 | - 2.1 | 3.9/13.7  | 22812 |
| 2005 TG <sub>146</sub> | 2008 09 18.4 | 23 44.72 | -30 54.4 | 21.1 | -1.33 | + 1.4 | 10.3/11.1 | 19657 |
| 2000 BY <sub>1</sub>   | 2008 09 18.5 | 23 44.67 | -11 55.4 | 19.2 | -0.70 | - 7.3 | 3.2/14.7  | 43103 |
| 2003 OS <sub>22</sub>  | 2008 09 18.5 | 23 44.70 | -08 18.9 | 16.5 | -0.08 | -13.8 | 3.3/15.1  | 43173 |
| 2006 DA <sub>157</sub> | 2008 09 18.5 | 23 44.75 | -02 58.6 | 19.6 | -0.83 | - 2.6 | 0.4/18.1  | 43263 |
| 2003 HH <sub>3</sub>   | 2008 09 18.5 | 23 44.76 | -00 51.3 | 20.8 | -0.90 | - 6.5 | 0.3/18.8  | 03505 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TC <sub>80</sub>  | 2008 09 18.5 | 23 44.76 +02 35.5 20.0 | -0.85 - 5.5 | 1.7/19.9  | 43215 |
| 2007 GQ <sub>20</sub>  | 2008 09 18.5 | 23 44.77 -10 04.1 21.1 | -1.00 - 4.4 | 3.1/15.9  | 20863 |
| 2005 AN <sub>23</sub>  | 2008 09 18.5 | 23 44.79 +01 33.2 19.8 | -0.79 - 3.4 | 1.0/19.6  | 43228 |
| 2003 YT <sub>117</sub> | 2008 09 18.5 | 23 44.82 +27 36.3 18.6 | -1.48 + 4.9 | 15.0/25.7 | 43197 |
| 2005 MQ <sub>11</sub>  | 2008 09 18.5 | 23 44.84 -23 59.9 19.7 | -0.51 - 3.4 | 4.1/10.0  | 89678 |
| 2007 LH <sub>17</sub>  | 2008 09 18.5 | 23 44.87 -11 59.0 19.0 | -0.82 - 3.5 | 3.8/15.2  | 43284 |
| 1998 WX <sub>25</sub>  | 2008 09 18.5 | 23 44.89 -16 07.5 20.7 | -0.83 - 2.7 | 4.4/13.9  | 21535 |
| 2006 BD <sub>22</sub>  | 2008 09 18.5 | 23 44.90 -05 03.0 20.1 | -0.75 - 5.4 | 1.0/17.4  | 21354 |
| 2003 WM <sub>57</sub>  | 2008 09 18.5 | 23 44.94 +03 21.5 19.7 | -0.73 - 4.8 | 1.6/20.3  | 43193 |
| 2003 HY <sub>5</sub>   | 2008 09 18.5 | 23 44.95 -16 53.9 19.9 | -0.86 - 6.6 | 5.0/13.3  | 21327 |
| 2004 SQ <sub>25</sub>  | 2008 09 18.5 | 23 44.96 +02 47.8 19.6 | -0.84 - 6.8 | 1.8/20.1  | 43213 |
| 2002 CX <sub>26</sub>  | 2008 09 18.5 | 23 44.98 +03 01.8 18.9 | -1.04 - 1.9 | 2.0/19.9  | 43145 |
| 2001 UZ <sub>28</sub>  | 2008 09 18.5 | 23 44.99 -12 27.8 19.1 | -1.00 - 3.9 | 4.3/15.2  | 20749 |
| 1999 VQ <sub>74</sub>  | 2008 09 18.5 | 23 45.02 -10 08.9 19.9 | -0.86 - 3.5 | 2.9/15.9  | 97359 |
| 2007 DT <sub>102</sub> | 2008 09 18.5 | 23 45.04 -27 28.5 21.3 | -1.30 + 0.2 | 8.3/11.9  | 20851 |
| 2005 UP <sub>72</sub>  | 2008 09 18.5 | 23 45.06 -13 15.2 19.3 | -1.06 - 1.2 | 5.8/15.3  | 19212 |
| 1999 TK <sub>280</sub> | 2008 09 18.5 | 23 45.06 +00 50.9 17.7 | -0.62 -14.0 | 1.0/19.6  | 43100 |
| 5069 T-3               | 2008 09 18.5 | 23 45.06 -15 02.8 19.6 | -0.88 - 4.6 | 5.8/14.2  | 20680 |
| 2004 XN <sub>145</sub> | 2008 09 18.5 | 23 45.07 +15 04.4 20.0 | -0.78 - 3.3 | 4.5/24.2  | 09096 |
| 2004 TM <sub>149</sub> | 2008 09 18.5 | 23 45.09 +02 25.3 20.4 | -0.84 - 5.5 | 1.3/19.9  | 43217 |
| 2002 CD <sub>29</sub>  | 2008 09 18.6 | 23 45.03 -07 48.4 19.9 | -0.91 - 4.4 | 2.2/16.7  | 08225 |
| 2001 TC <sub>28</sub>  | 2008 09 18.6 | 23 45.05 -01 41.1 17.7 | -1.02 - 0.8 | 0.0/18.6  | 43130 |
| 2002 VA <sub>61</sub>  | 2008 09 18.6 | 23 45.05 +21 11.0 19.0 | -0.66 - 5.9 | 6.4/27.5  | 42630 |
| 2006 BQ <sub>69</sub>  | 2008 09 18.6 | 23 45.05 -03 39.6 20.5 | -0.87 - 4.2 | 0.7/18.0  | 43253 |
| 2002 ST <sub>66</sub>  | 2008 09 18.6 | 23 45.05 -07 13.2 20.1 | -0.82 - 2.0 | 1.7/16.9  | 43163 |
| 2001 WO <sub>11</sub>  | 2008 09 18.6 | 23 45.11 -12 18.0 19.6 | -0.94 - 5.8 | 4.4/15.1  | 43137 |
| 2002 CF <sub>211</sub> | 2008 09 18.6 | 23 45.11 +05 56.5 20.0 | -0.56 - 1.4 | 1.3/21.1  | 87531 |
| 2007 JL <sub>13</sub>  | 2008 09 18.6 | 23 45.12 -12 09.0 20.6 | -1.02 - 3.4 | 4.0/15.5  | 22890 |
| 2001 TZ <sub>191</sub> | 2008 09 18.6 | 23 45.19 +04 25.4 17.9 | -0.84 - 1.9 | 3.2/20.5  | 43132 |
| 2005 VO <sub>57</sub>  | 2008 09 18.6 | 23 45.21 -17 42.2 19.2 | -0.91 - 4.7 | 7.6/13.3  | 97967 |
| 2004 TU <sub>109</sub> | 2008 09 18.6 | 23 45.21 -21 45.2 17.9 | -0.76 - 8.5 | 8.0/10.6  | 41817 |
| 2007 GJ <sub>48</sub>  | 2008 09 18.6 | 23 45.23 -07 00.8 21.8 | -0.89 - 5.7 | 1.8/16.9  | 22887 |
| 2004 TG <sub>97</sub>  | 2008 09 18.6 | 23 45.23 -05 03.1 19.4 | -0.89 - 4.7 | 1.3/17.6  | 20806 |
| 2006 BX <sub>133</sub> | 2008 09 18.6 | 23 45.24 -02 11.5 19.2 | -0.84 - 4.4 | 0.2/18.5  | 43255 |
| 2000 WF <sub>107</sub> | 2008 09 18.6 | 23 45.24 -58 11.1 17.8 | -0.27 -10.1 | 36.3/13.0 | 43114 |
| 2002 PM <sub>71</sub>  | 2008 09 18.6 | 23 45.25 +09 46.0 19.9 | -0.74 - 6.8 | 3.4/23.0  | 20768 |
| 2000 SY                | 2008 09 18.6 | 23 45.30 +37 15.7 17.9 | -1.44 + 6.3 | 15.2/26.5 | 21758 |
| 2003 CC <sub>2</sub>   | 2008 09 18.6 | 23 45.31 -13 40.6 19.6 | -0.92 - 7.5 | 4.8/14.5  | 19591 |
| 2005 YZ <sub>109</sub> | 2008 09 18.6 | 23 45.34 +01 39.7 20.5 | -0.83 - 5.9 | 1.0/19.8  | 01179 |
| 2007 DZ <sub>95</sub>  | 2008 09 18.6 | 23 45.41 -06 16.6 20.2 | -0.98 - 5.5 | 1.7/17.2  | 22878 |
| 2004 TB <sub>214</sub> | 2008 09 18.7 | 23 45.37 +04 18.6 19.3 | -0.83 - 5.9 | 2.4/20.7  | 43218 |
| 2006 FC <sub>40</sub>  | 2008 09 18.7 | 23 45.38 -01 43.9 20.4 | -0.67 - 7.6 | 0.0/18.6  | 43266 |
| 2007 GN <sub>58</sub>  | 2008 09 18.7 | 23 45.40 +00 36.3 21.3 | -0.93 - 8.0 | 0.8/19.4  | 20618 |
| 2005 UE <sub>405</sub> | 2008 09 18.7 | 23 45.42 +00 31.4 18.9 | -0.83 - 8.1 | 1.0/19.5  | 01082 |
| 2005 WQ <sub>20</sub>  | 2008 09 18.7 | 23 45.45 -01 23.3 18.2 | -0.86 - 2.2 | 0.1/18.8  | 42782 |
| 2001 UX <sub>97</sub>  | 2008 09 18.7 | 23 45.46 +06 07.1 19.7 | -0.82 - 9.7 | 3.3/21.5  | 23873 |
| 2003 SL <sub>104</sub> | 2008 09 18.7 | 23 45.50 +03 33.0 19.5 | -0.66 -10.4 | 1.7/20.7  | 43178 |
| 2006 HA <sub>32</sub>  | 2008 09 18.7 | 23 45.51 -06 36.2 19.5 | -0.71 - 7.2 | 1.5/16.9  | 43267 |
| 2001 HL <sub>20</sub>  | 2008 09 18.7 | 23 45.51 -24 56.1 20.4 | -0.72 - 5.8 | 5.9/10.1  | 97438 |
| 2003 UW <sub>135</sub> | 2008 09 18.7 | 23 45.53 -14 48.3 18.3 | -1.03 + 2.6 | 5.2/15.6  | 20788 |
| 2005 TM <sub>96</sub>  | 2008 09 18.7 | 23 45.57 +07 18.3 20.0 | -0.94 - 8.1 | 3.4/21.8  | 18133 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 YQ <sub>103</sub> | 2008 09 18.7 | 23 45.60 +07 25.5 21.1 | -0.90 - 5.3 | 3.0/21.7  | 96763 |
| 2006 AK <sub>68</sub>  | 2008 09 18.7 | 23 45.60 +09 09.7 18.5 | -0.85 - 1.9 | 5.5/22.0  | 43251 |
| 2002 JH <sub>123</sub> | 2008 09 18.7 | 23 45.63 -13 55.8 20.4 | -0.77 - 6.3 | 3.8/14.4  | 04202 |
| 2003 UO <sub>209</sub> | 2008 09 18.7 | 23 45.66 -05 38.8 19.9 | -0.74 - 5.4 | 1.3/17.4  | 43190 |
| 2007 DC <sub>56</sub>  | 2008 09 18.7 | 23 45.71 -02 07.7 19.9 | -1.02 - 4.4 | 0.2/18.6  | 43274 |
| 2007 CR <sub>61</sub>  | 2008 09 18.7 | 23 45.72 +07 54.2 18.3 | -1.86 +12.7 | 5.5/19.7  | 43273 |
| 2002 PV <sub>73</sub>  | 2008 09 18.7 | 23 45.73 +06 11.1 19.5 | -0.67 - 7.7 | 2.2/21.7  | 43158 |
| 2006 AW <sub>93</sub>  | 2008 09 18.7 | 23 45.75 +05 34.2 19.2 | -0.99 - 1.2 | 2.7/20.8  | 42793 |
| 2006 BC <sub>7</sub>   | 2008 09 18.7 | 23 45.75 +04 18.6 20.7 | -0.91 - 4.6 | 2.1/20.6  | 43252 |
| 2004 XF <sub>114</sub> | 2008 09 18.7 | 23 45.76 -02 11.0 19.8 | -0.82 - 4.8 | 0.2/18.6  | 43226 |
| 2003 FY <sub>41</sub>  | 2008 09 18.7 | 23 45.76 -00 08.5 19.8 | -0.87 - 6.8 | 0.5/19.3  | 20777 |
| 2002 JT <sub>22</sub>  | 2008 09 18.7 | 23 45.77 -22 26.9 21.1 | -0.93 - 1.7 | 6.1/12.6  | 20766 |
| 2006 DL <sub>216</sub> | 2008 09 18.7 | 23 45.79 +01 53.0 20.0 | -0.83 - 2.5 | 1.1/19.9  | 39794 |
| 2007 AP <sub>6</sub>   | 2008 09 18.7 | 23 45.80 +23 58.6 19.7 | -1.49 + 2.0 | 11.9/25.0 | 42865 |
| 2003 UB <sub>209</sub> | 2008 09 18.7 | 23 45.80 -04 35.8 19.8 | -0.83 - 1.9 | 0.9/17.9  | 43190 |
| 2006 DA <sub>102</sub> | 2008 09 18.7 | 23 45.80 -05 18.3 20.1 | -0.76 - 4.9 | 1.2/17.5  | 21855 |
| 2004 TE <sub>65</sub>  | 2008 09 18.8 | 23 45.74 -07 54.9 19.5 | -0.77 - 7.2 | 2.8/16.5  | 43215 |
| 2003 HZ <sub>38</sub>  | 2008 09 18.8 | 23 45.75 -18 09.6 19.8 | -1.02 - 1.3 | 5.9/14.1  | 20307 |
| 2003 UA <sub>270</sub> | 2008 09 18.8 | 23 45.75 +05 28.1 20.6 | -0.74 - 4.4 | 2.0/21.2  | 43191 |
| 2007 AR <sub>17</sub>  | 2008 09 18.8 | 23 45.75 -30 37.8 20.6 | -0.98 - 8.5 | 9.0/07.8  | 21361 |
| 2001 QZ <sub>120</sub> | 2008 09 18.8 | 23 45.82 +00 30.0 18.9 | -1.05 - 2.3 | 0.9/19.4  | 43122 |
| 2006 BJ <sub>123</sub> | 2008 09 18.8 | 23 45.82 -02 30.9 20.2 | -0.80 - 5.4 | 0.3/18.5  | 43254 |
| 2007 LX <sub>12</sub>  | 2008 09 18.8 | 23 45.82 -06 35.5 20.6 | -0.71 - 8.5 | 1.6/17.0  | 21707 |
| 1999 VP <sub>76</sub>  | 2008 09 18.8 | 23 45.85 -02 06.0 20.0 | -0.77 - 5.9 | 0.2/18.6  | 43101 |
| 2006 DO <sub>179</sub> | 2008 09 18.8 | 23 45.87 -04 22.1 19.5 | -0.86 - 3.7 | 1.0/17.9  | 43263 |
| 2001 DH <sub>87</sub>  | 2008 09 18.8 | 23 45.91 -09 42.6 20.1 | -0.87 - 1.5 | 2.4/16.4  | 97433 |
| 2005 UX <sub>102</sub> | 2008 09 18.8 | 23 45.92 -11 07.8 20.7 | -0.96 - 5.1 | 3.3/15.8  | 21350 |
| 2003 QH <sub>70</sub>  | 2008 09 18.8 | 23 45.95 -03 16.2 18.6 | -0.90 - 1.2 | 0.6/18.3  | 43174 |
| 2001 VO <sub>95</sub>  | 2008 09 18.8 | 23 45.96 -05 12.0 19.7 | -0.84 - 9.0 | 1.2/17.5  | 97507 |
| 2000 SU <sub>351</sub> | 2008 09 18.8 | 23 45.96 -23 12.0 18.4 | -0.59 -12.5 | 9.7/08.8  | 41759 |
| 2003 SY <sub>64</sub>  | 2008 09 18.8 | 23 45.96 -07 14.1 18.4 | -0.94 - 0.3 | 2.1/17.3  | 43177 |
| 2006 EM <sub>8</sub>   | 2008 09 18.8 | 23 45.99 -03 27.7 20.6 | -0.71 - 4.7 | 0.5/18.2  | 43264 |
| 2005 YH <sub>166</sub> | 2008 09 18.8 | 23 46.02 +01 26.2 20.4 | -0.83 - 6.6 | 1.0/19.9  | 43249 |
| 2006 GX                | 2008 09 18.8 | 23 46.02 +02 38.6 19.2 | -0.81 - 5.1 | 1.4/20.2  | 43266 |
| 2004 TG <sub>250</sub> | 2008 09 18.8 | 23 46.03 +11 24.8 20.3 | -0.76 - 9.5 | 4.5/23.8  | 20809 |
| 2002 QH <sub>82</sub>  | 2008 09 18.8 | 23 46.06 -06 09.5 20.7 | -0.77 - 3.5 | 1.4/17.4  | 94828 |
| 2001 XV <sub>125</sub> | 2008 09 18.8 | 23 46.06 -05 08.5 20.4 | -0.90 - 7.1 | 1.4/17.7  | 43139 |
| 2005 TZ <sub>61</sub>  | 2008 09 18.8 | 23 46.10 -03 17.7 20.3 | -0.96 - 7.6 | 0.8/18.3  | 43235 |
| 2003 UO <sub>178</sub> | 2008 09 18.8 | 23 46.10 +08 31.3 19.3 | -0.71 - 6.7 | 3.1/22.5  | 43189 |
| 2007 JE <sub>16</sub>  | 2008 09 18.8 | 23 46.11 +03 45.9 20.1 | -1.29 + 1.2 | 1.8/20.1  | 20885 |
| 2006 DM <sub>110</sub> | 2008 09 18.8 | 23 46.11 -00 27.9 21.2 | -0.75 - 6.9 | 0.3/19.3  | 02296 |
| 2000 VN <sub>61</sub>  | 2008 09 18.8 | 23 46.13 -28 14.4 19.5 | -1.61 + 3.9 | 10.7/12.3 | 68818 |
| 2007 LW <sub>3</sub>   | 2008 09 18.8 | 23 46.15 -18 32.1 18.9 | -0.74 - 4.7 | 6.3/12.8  | 43284 |
| 2007 HH <sub>51</sub>  | 2008 09 18.8 | 23 46.17 -06 53.3 20.5 | -0.87 - 5.8 | 1.9/17.1  | 22889 |
| 2005 UN <sub>477</sub> | 2008 09 18.9 | 23 46.10 -08 29.5 19.5 | -1.06 - 3.1 | 2.8/16.9  | 43241 |
| 2003 SG <sub>333</sub> | 2008 09 18.9 | 23 46.11 -01 15.5 19.8 | -0.67 -10.2 | 0.1/19.0  | 43183 |
| 2003 UB <sub>54</sub>  | 2008 09 18.9 | 23 46.12 +13 24.4 17.8 | -0.87 - 1.2 | 5.6/23.5  | 43186 |
| 2004 XA <sub>124</sub> | 2008 09 18.9 | 23 46.14 +24 09.0 20.9 | -0.77 - 3.7 | 6.3/28.2  | 02233 |
| 2003 XX <sub>31</sub>  | 2008 09 18.9 | 23 46.16 -00 27.9 20.1 | -0.72 - 5.2 | 0.3/19.3  | 43196 |
| 2007 DB <sub>6</sub>   | 2008 09 18.9 | 23 46.16 -04 04.2 20.2 | -0.93 - 7.1 | 1.0/18.1  | 43273 |
| 2001 QC <sub>275</sub> | 2008 09 18.9 | 23 46.17 -16 07.2 18.7 | -0.97 - 4.2 | 6.6/14.4  | 43124 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 XX <sub>29</sub>  | 2008 09 18.9 | 23 46.19 -08 24.2 19.5 | -0.83 - 5.3 | 2.4/16.6  | 02230 |
| 2003 UA <sub>15</sub>  | 2008 09 18.9 | 23 46.20 -09 01.4 19.8 | -0.88 - 1.2 | 2.8/16.7  | 42661 |
| 2004 TB <sub>286</sub> | 2008 09 18.9 | 23 46.21 -02 48.9 20.3 | -0.86 - 4.3 | 0.5/18.5  | 43219 |
| 2005 UP <sub>508</sub> | 2008 09 18.9 | 23 46.25 -04 19.1 19.1 | -0.98 - 4.6 | 1.2/18.1  | 43241 |
| 2004 XT <sub>19</sub>  | 2008 09 18.9 | 23 46.26 -06 14.1 19.7 | -0.81 - 4.8 | 1.6/17.4  | 43224 |
| 2004 TJ <sub>100</sub> | 2008 09 18.9 | 23 46.28 -10 43.1 19.4 | -0.84 - 6.4 | 3.4/15.8  | 43216 |
| 2005 UH <sub>461</sub> | 2008 09 18.9 | 23 46.30 -16 00.2 19.2 | -1.03 - 2.4 | 6.3/14.7  | 18150 |
| 2003 QX <sub>20</sub>  | 2008 09 18.9 | 23 46.30 -02 21.3 18.7 | -1.02 - 0.4 | 0.3/18.7  | 43174 |
| 2006 BW <sub>16</sub>  | 2008 09 18.9 | 23 46.31 -09 49.9 19.6 | -0.78 - 7.0 | 3.0/16.0  | 42794 |
| 2001 PL <sub>15</sub>  | 2008 09 18.9 | 23 46.32 -15 09.8 19.3 | -1.02 - 2.0 | 6.4/15.0  | 43121 |
| 2004 VL <sub>54</sub>  | 2008 09 18.9 | 23 46.35 +01 27.4 18.7 | -1.01 - 0.9 | 1.0/19.8  | 43222 |
| 2003 UO <sub>28</sub>  | 2008 09 18.9 | 23 46.35 +12 12.9 18.9 | -0.69 - 7.6 | 4.6/24.2  | 43185 |
| 2003 WT <sub>27</sub>  | 2008 09 18.9 | 23 46.40 +17 55.3 20.2 | -0.71 - 4.9 | 5.0/26.0  | 21337 |
| 2001 UR <sub>146</sub> | 2008 09 18.9 | 23 46.44 +05 07.0 19.0 | -0.80 - 9.0 | 2.8/21.4  | 43134 |
| 2001 WW <sub>80</sub>  | 2008 09 18.9 | 23 46.46 -04 23.4 20.7 | -0.93 - 6.1 | 1.2/18.0  | 97513 |
| 2003 YL <sub>32</sub>  | 2008 09 18.9 | 23 46.48 -16 51.7 20.8 | -0.59 - 3.5 | 3.0/13.5  | 77757 |
| 1997 VC                | 2008 09 19.0 | 23 46.45 +00 24.0 19.0 | -0.86 - 6.5 | 0.8/19.6  | 97332 |
| 2005 XF <sub>41</sub>  | 2008 09 19.0 | 23 46.46 +06 39.1 19.6 | -0.99 - 3.8 | 3.7/21.4  | 43245 |
| 2003 NA <sub>5</sub>   | 2008 09 19.0 | 23 46.48 +05 49.7 19.2 | -0.92 - 3.7 | 2.5/21.3  | 43173 |
| 2006 DR <sub>36</sub>  | 2008 09 19.0 | 23 46.50 -00 04.3 20.5 | -0.89 - 4.7 | 0.5/19.5  | 22811 |
| 2002 EL <sub>160</sub> | 2008 09 19.0 | 23 46.50 -04 36.4 20.5 | -0.47 - 3.8 | 0.6/17.9  | 43151 |
| 2005 UO <sub>456</sub> | 2008 09 19.0 | 23 46.51 -03 09.7 21.1 | -1.02 - 5.3 | 0.6/18.5  | 43241 |
| 2006 DL <sub>119</sub> | 2008 09 19.0 | 23 46.53 -17 46.1 21.2 | -0.84 - 4.4 | 4.6/13.5  | 01412 |
| 2005 WR <sub>207</sub> | 2008 09 19.0 | 23 46.53 -00 29.3 19.4 | -0.87 - 5.4 | 0.4/19.3  | 43245 |
| 2001 SB <sub>100</sub> | 2008 09 19.0 | 23 46.56 +02 55.4 20.4 | -0.94 - 7.9 | 1.7/20.5  | 16166 |
| 2007 LU <sub>10</sub>  | 2008 09 19.0 | 23 46.61 +07 50.4 20.0 | -0.82 - 7.9 | 3.4/22.4  | 43284 |
| 2005 WV <sub>171</sub> | 2008 09 19.0 | 23 46.67 -05 36.6 20.9 | -0.93 - 5.9 | 1.5/17.7  | 20827 |
| 2002 PB <sub>30</sub>  | 2008 09 19.0 | 23 46.69 +10 43.4 19.3 | -0.80 - 2.9 | 3.8/23.0  | 43157 |
| 1999 TO <sub>178</sub> | 2008 09 19.0 | 23 46.71 +04 12.7 19.3 | -0.81 - 5.0 | 1.9/20.9  | 43099 |
| 1999 RZ <sub>67</sub>  | 2008 09 19.0 | 23 46.71 +00 28.4 18.8 | -0.73 - 7.5 | 0.8/19.8  | 43097 |
| 2005 UF <sub>222</sub> | 2008 09 19.0 | 23 46.72 +01 53.7 20.9 | -0.98 - 6.0 | 1.3/20.1  | 20821 |
| 2001 AU <sub>18</sub>  | 2008 09 19.0 | 23 46.74 +13 19.9 19.5 | -0.86 - 4.2 | 4.7/23.9  | 03186 |
| 2007 FO <sub>32</sub>  | 2008 09 19.0 | 23 46.75 -10 13.1 19.6 | -0.90 - 3.8 | 3.3/16.3  | 20860 |
| 2003 VC <sub>4</sub>   | 2008 09 19.0 | 23 46.80 +12 13.6 20.2 | -0.76 - 4.7 | 4.3/23.7  | 58042 |
| 2004 TM <sub>247</sub> | 2008 09 19.0 | 23 46.80 -26 34.2 19.1 | -0.86 - 5.3 | 9.1/09.7  | 20809 |
| 2002 CQ <sub>251</sub> | 2008 09 19.0 | 23 46.85 -20 25.1 19.6 | -0.84 - 7.5 | 6.3/12.1  | 02080 |
| 2003 SC <sub>120</sub> | 2008 09 19.0 | 23 46.87 -01 25.2 18.6 | -0.75 - 6.0 | 0.0/19.1  | 43178 |
| 2005 YN <sub>50</sub>  | 2008 09 19.0 | 23 46.87 -04 07.1 18.1 | -0.75 - 7.2 | 1.3/18.1  | 43247 |
| 2003 KL <sub>17</sub>  | 2008 09 19.0 | 23 46.88 -10 40.2 20.2 | -0.87 - 5.4 | 3.1/16.1  | 19601 |
| 2002 EZ <sub>36</sub>  | 2008 09 19.1 | 23 46.83 -05 20.2 20.8 | -0.89 - 5.2 | 1.3/17.8  | 43149 |
| 2005 UX <sub>147</sub> | 2008 09 19.1 | 23 46.87 -00 17.8 20.2 | -1.00 - 5.4 | 0.4/19.5  | 21350 |
| 2001 QT <sub>165</sub> | 2008 09 19.1 | 23 46.88 -12 03.7 19.4 | -1.00 - 5.1 | 4.4/15.8  | 43123 |
| 2000 SF <sub>30</sub>  | 2008 09 19.1 | 23 46.89 -01 04.3 18.7 | -0.76 -10.1 | 0.1/19.2  | 43108 |
| 2002 CM <sub>44</sub>  | 2008 09 19.1 | 23 46.90 -37 49.7 19.6 | -0.93 -14.5 | 15.9/03.0 | 43146 |
| 2005 WS <sub>207</sub> | 2008 09 19.1 | 23 46.92 +05 11.6 20.6 | -1.01 - 4.9 | 2.4/21.1  | 09465 |
| 2004 TX <sub>324</sub> | 2008 09 19.1 | 23 46.95 +01 47.1 19.4 | -0.85 - 5.2 | 1.1/20.2  | 20810 |
| 2001 TT <sub>178</sub> | 2008 09 19.1 | 23 46.96 -03 17.3 19.0 | -1.05 - 2.3 | 0.8/18.6  | 43132 |
| 2002 AO <sub>190</sub> | 2008 09 19.1 | 23 46.98 -01 05.4 19.9 | -0.90 - 6.2 | 0.1/19.2  | 02067 |
| 2006 BU <sub>161</sub> | 2008 09 19.1 | 23 46.99 +14 27.2 20.1 | -0.83 - 5.8 | 4.9/24.7  | 97096 |
| 2006 BP <sub>156</sub> | 2008 09 19.1 | 23 47.00 +03 11.3 19.6 | -1.03 - 0.6 | 1.9/20.4  | 43255 |
| 2006 BC <sub>231</sub> | 2008 09 19.1 | 23 47.00 -08 56.7 19.5 | -0.89 - 5.0 | 3.5/16.7  | 97128 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 AS <sub>43</sub>  | 2008 09 19.1 | 23 47.01 +07 36.0 20.1 | -0.87 - 5.8 | 3.1/22.2  | 43143 |
| 2005 AQ <sub>16</sub>  | 2008 09 19.1 | 23 47.05 -09 43.3 20.4 | -0.73 - 5.4 | 2.3/16.3  | 02237 |
| 1999 ET <sub>6</sub>   | 2008 09 19.1 | 23 47.06 -00 22.2 20.9 | -0.91 - 6.3 | 0.4/19.5  | 93746 |
| 1998 TP                | 2008 09 19.1 | 23 47.07 -35 55.3 19.2 | -1.36 - 0.4 | 12.2/07.9 | 43095 |
| 2001 DY <sub>77</sub>  | 2008 09 19.1 | 23 47.08 -07 38.0 21.3 | -0.46 - 3.6 | 1.1/16.9  | 24325 |
| 2001 BY <sub>3</sub>   | 2008 09 19.1 | 23 47.08 -28 05.0 19.5 | -0.89 - 4.7 | 8.7/09.3  | 43118 |
| 2002 EG <sub>62</sub>  | 2008 09 19.1 | 23 47.13 +01 20.9 19.7 | -0.88 - 4.2 | 0.9/20.0  | 02085 |
| 2001 SD <sub>78</sub>  | 2008 09 19.1 | 23 47.15 -02 58.5 19.4 | -1.05 - 3.2 | 0.6/18.7  | 43126 |
| 2005 XA <sub>68</sub>  | 2008 09 19.1 | 23 47.16 +09 09.0 18.9 | -1.01 - 0.7 | 3.7/22.1  | 43246 |
| 2002 PU <sub>104</sub> | 2008 09 19.1 | 23 47.19 +03 50.8 19.6 | -0.67 - 7.1 | 1.5/21.1  | 43158 |
| 2002 JT <sub>99</sub>  | 2008 09 19.1 | 23 47.19 +33 33.6 19.1 | -1.09 - 7.6 | 14.7/03.4 | 19580 |
| 1998 BV <sub>3</sub>   | 2008 09 19.1 | 23 47.23 -01 45.5 19.9 | -0.88 - 5.5 | 0.1/19.1  | 97333 |
| 2006 DC <sub>145</sub> | 2008 09 19.2 | 23 47.18 -03 21.6 20.5 | -0.80 - 4.5 | 0.6/18.6  | 43263 |
| 2002 CP <sub>304</sub> | 2008 09 19.2 | 23 47.20 +01 47.2 20.6 | -0.78 - 8.3 | 0.9/20.3  | 03301 |
| 2004 GX <sub>79</sub>  | 2008 09 19.2 | 23 47.20 +06 15.8 19.1 | -0.88 - 8.2 | 3.5/21.9  | 43200 |
| 1999 VW <sub>154</sub> | 2008 09 19.2 | 23 47.22 -05 22.9 19.4 | -1.00 - 0.9 | 1.5/18.1  | 43101 |
| 2002 QB <sub>12</sub>  | 2008 09 19.2 | 23 47.22 +06 09.0 18.8 | -0.76 - 4.5 | 2.4/21.7  | 43159 |
| 2004 PV <sub>23</sub>  | 2008 09 19.2 | 23 47.28 -02 26.7 18.6 | -0.84 - 4.0 | 0.5/18.9  | 43203 |
| 2003 UR <sub>254</sub> | 2008 09 19.2 | 23 47.28 -08 53.4 20.2 | -0.80 - 3.3 | 2.4/16.8  | 11000 |
| 2001 DY <sub>58</sub>  | 2008 09 19.2 | 23 47.31 -41 57.9 19.7 | -1.02 + 0.5 | 11.2/06.0 | 43119 |
| 2005 YU <sub>17</sub>  | 2008 09 19.2 | 23 47.33 -12 15.4 21.4 | -0.99 - 4.0 | 4.2/15.9  | 20462 |
| 2007 JP <sub>37</sub>  | 2008 09 19.2 | 23 47.34 -31 07.0 20.9 | -0.92 - 4.6 | 9.6/08.5  | 21368 |
| 2003 UM <sub>167</sub> | 2008 09 19.2 | 23 47.35 +19 58.9 18.9 | -0.75 - 5.8 | 7.0/27.4  | 43189 |
| 1997 SC <sub>33</sub>  | 2008 09 19.2 | 23 47.36 +02 40.6 20.5 | -0.49 - 3.7 | 0.8/20.7  | 43093 |
| 2003 TS <sub>45</sub>  | 2008 09 19.2 | 23 47.42 +06 06.6 19.9 | -0.78 - 4.2 | 2.3/21.7  | 43185 |
| 2002 EW <sub>111</sub> | 2008 09 19.2 | 23 47.42 -02 46.9 19.7 | -0.50 - 3.0 | 0.3/18.8  | 43151 |
| 2006 BU <sub>179</sub> | 2008 09 19.2 | 23 47.42 -02 14.4 20.3 | -0.77 - 4.7 | 0.3/19.0  | 11156 |
| 2006 DJ <sub>105</sub> | 2008 09 19.2 | 23 47.42 -04 34.6 20.1 | -0.78 - 7.7 | 1.0/18.1  | 43262 |
| 2006 GP <sub>4</sub>   | 2008 09 19.2 | 23 47.43 -06 09.2 20.4 | -0.69 - 6.4 | 1.4/17.6  | 03885 |
| 2007 GQ <sub>64</sub>  | 2008 09 19.2 | 23 47.44 +01 24.0 21.5 | -0.89 - 6.0 | 0.9/20.2  | 31529 |
| 2007 ER <sub>84</sub>  | 2008 09 19.2 | 23 47.45 -14 02.1 20.8 | -0.82 - 8.9 | 4.2/14.7  | 17823 |
| 2002 AB <sub>50</sub>  | 2008 09 19.2 | 23 47.45 +15 40.0 21.4 | -0.90 - 4.2 | 5.1/24.8  | 94484 |
| 2000 AO <sub>92</sub>  | 2008 09 19.2 | 23 47.45 +42 30.0 18.5 | -1.06 + 1.7 | 16.3/05.6 | 73982 |
| 2001 WL <sub>7</sub>   | 2008 09 19.2 | 23 47.47 +01 33.2 20.0 | -0.88 - 6.9 | 1.0/20.2  | 43137 |
| 2007 JO <sub>2</sub>   | 2008 09 19.2 | 23 47.50 +03 24.2 20.7 | -0.85 - 6.5 | 1.6/20.9  | 21366 |
| 2004 TH <sub>149</sub> | 2008 09 19.2 | 23 47.53 +02 05.5 19.7 | -0.82 - 5.2 | 1.5/20.4  | 73362 |
| 2006 BY <sub>47</sub>  | 2008 09 19.2 | 23 47.55 -02 56.8 20.3 | -0.86 - 4.7 | 0.6/18.8  | 43253 |
| 2002 ED <sub>92</sub>  | 2008 09 19.2 | 23 47.57 +01 50.6 19.5 | -0.92 - 2.4 | 1.0/20.2  | 43150 |
| 2005 YC <sub>219</sub> | 2008 09 19.2 | 23 47.57 +00 51.9 20.1 | -0.92 - 5.6 | 0.8/20.0  | 96857 |
| 2006 EL <sub>25</sub>  | 2008 09 19.2 | 23 47.58 -00 43.6 20.2 | -0.81 - 6.3 | 0.2/19.5  | 01477 |
| 1995 VN <sub>2</sub>   | 2008 09 19.2 | 23 47.60 -07 38.0 19.2 | -0.89 - 3.4 | 2.3/17.4  | 21291 |
| 2002 CU <sub>201</sub> | 2008 09 19.2 | 23 47.60 +01 32.9 18.9 | -0.96 - 2.1 | 1.2/20.1  | 43147 |
| 2000 WY <sub>117</sub> | 2008 09 19.3 | 23 47.52 +18 12.6 17.3 | -0.89 - 0.9 | 8.9/25.5  | 43115 |
| 2007 BR <sub>7</sub>   | 2008 09 19.3 | 23 47.54 -41 08.5 20.0 | -0.93 -11.2 | 17.5/03.0 | 42867 |
| 2004 VE <sub>5</sub>   | 2008 09 19.3 | 23 47.56 +01 15.5 18.7 | -0.88 - 2.9 | 1.2/20.1  | 00839 |
| 2001 SP <sub>163</sub> | 2008 09 19.3 | 23 47.57 +04 38.9 18.2 | -0.60 -12.1 | 2.9/21.8  | 43128 |
| 2000 NC <sub>7</sub>   | 2008 09 19.3 | 23 47.59 +00 44.9 19.1 | -0.77 - 7.4 | 0.9/20.1  | 19525 |
| 2005 XC <sub>54</sub>  | 2008 09 19.3 | 23 47.66 -10 01.1 19.7 | -0.98 - 4.9 | 3.9/16.6  | 26110 |
| 2007 KL <sub>2</sub>   | 2008 09 19.3 | 23 47.67 +17 10.7 21.2 | -0.84 - 6.0 | 5.5/26.0  | 22891 |
| 2006 BH <sub>145</sub> | 2008 09 19.3 | 23 47.72 +08 02.8 19.3 | -0.98 - 1.6 | 3.1/22.0  | 42797 |
| 2006 BG <sub>115</sub> | 2008 09 19.3 | 23 47.75 +01 26.1 20.2 | -0.90 - 6.2 | 1.1/20.3  | 01254 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1998 FM <sub>14</sub>  | 2008 09 19.3 | 23 47.76 +02 11.5 20.9 | -0.84 - 4.9 | 1.0/20.5  | 97334 |
| 2001 SV <sub>245</sub> | 2008 09 19.3 | 23 47.77 -00 59.0 18.4 | -0.82 - 8.5 | 0.1/19.5  | 43129 |
| 2002 PV <sub>153</sub> | 2008 09 19.3 | 23 47.78 -13 35.1 19.2 | -0.69 - 6.5 | 3.8/14.9  | 77623 |
| 2005 UF <sub>106</sub> | 2008 09 19.3 | 23 47.78 -04 49.8 20.7 | -0.92 - 7.0 | 1.3/18.2  | 43237 |
| 2003 WW <sub>11</sub>  | 2008 09 19.3 | 23 47.79 +13 33.4 19.3 | -0.80 - 3.0 | 4.7/24.2  | 43193 |
| 2001 XK <sub>200</sub> | 2008 09 19.3 | 23 47.80 +07 34.3 20.2 | -0.90 - 6.5 | 3.2/22.3  | 00105 |
| 2004 JQ <sub>30</sub>  | 2008 09 19.3 | 23 47.84 +36 18.7 20.0 | -0.81 -11.3 | 15.0/08.6 | 86512 |
| 2003 TK <sub>44</sub>  | 2008 09 19.3 | 23 47.86 -28 36.4 19.3 | -0.89 - 2.1 | 8.4/10.0  | 43185 |
| 2004 HG <sub>41</sub>  | 2008 09 19.3 | 23 47.86 -06 39.9 19.9 | -0.98 - 6.1 | 2.2/17.7  | 43200 |
| 2004 RD <sub>344</sub> | 2008 09 19.3 | 23 47.87 -08 48.3 19.6 | -0.81 - 8.0 | 2.9/16.7  | 19153 |
| 2003 HR <sub>55</sub>  | 2008 09 19.3 | 23 47.89 -07 02.9 20.8 | -0.95 - 4.8 | 1.9/17.6  | 94999 |
| 2001 VV <sub>104</sub> | 2008 09 19.3 | 23 47.89 -04 32.5 19.9 | -0.95 - 5.6 | 1.3/18.4  | 43136 |
| 2005 UF <sub>283</sub> | 2008 09 19.3 | 23 47.90 -10 50.3 20.1 | -1.00 - 5.2 | 4.0/16.4  | 18146 |
| 2005 YG <sub>211</sub> | 2008 09 19.3 | 23 47.92 +16 48.8 20.5 | -0.86 - 4.1 | 5.2/25.4  | 02267 |
| 2006 KZ <sub>5</sub>   | 2008 09 19.3 | 23 47.93 -09 19.6 21.4 | -0.61 - 3.3 | 1.7/16.7  | 01785 |
| 2005 UM <sub>219</sub> | 2008 09 19.4 | 23 47.89 +02 34.0 18.6 | -0.97 - 3.9 | 2.0/20.6  | 42776 |
| 2006 BX <sub>132</sub> | 2008 09 19.4 | 23 47.93 -00 19.2 20.1 | -0.76 - 5.5 | 0.3/19.7  | 97077 |
| 2002 EB <sub>55</sub>  | 2008 09 19.4 | 23 47.94 -07 16.1 18.9 | -0.90 - 2.4 | 1.8/17.6  | 94690 |
| 2007 HA <sub>30</sub>  | 2008 09 19.4 | 23 47.96 -05 38.6 20.4 | -0.88 - 5.0 | 1.5/18.0  | 31530 |
| 2002 PD <sub>103</sub> | 2008 09 19.4 | 23 47.98 +03 44.6 20.0 | -0.71 - 6.1 | 1.5/21.2  | 43158 |
| 2004 GU <sub>23</sub>  | 2008 09 19.4 | 23 47.98 -11 23.6 19.0 | -0.88 - 8.9 | 4.3/15.9  | 43200 |
| 2002 NP <sub>20</sub>  | 2008 09 19.4 | 23 48.08 +10 21.1 19.5 | -0.71 - 6.2 | 3.6/23.7  | 43156 |
| 2003 UY <sub>97</sub>  | 2008 09 19.4 | 23 48.09 -04 36.0 19.3 | -0.77 - 4.7 | 1.1/18.3  | 43187 |
| 2001 XL <sub>12</sub>  | 2008 09 19.4 | 23 48.10 -11 41.9 18.8 | -0.99 - 2.6 | 4.5/16.4  | 43138 |
| 2002 DN <sub>2</sub>   | 2008 09 19.4 | 23 48.11 -42 53.9 18.9 | -0.94 - 7.8 | 13.1/03.0 | 43149 |
| 2001 UH <sub>95</sub>  | 2008 09 19.4 | 23 48.11 +01 17.7 19.4 | -0.94 - 4.8 | 0.9/20.3  | 94219 |
| 2000 SO <sub>348</sub> | 2008 09 19.4 | 23 48.11 -30 09.1 19.2 | -0.86 - 1.7 | 13.1/09.2 | 43111 |
| 2005 XC <sub>102</sub> | 2008 09 19.4 | 23 48.12 -08 10.0 20.8 | -0.83 - 5.9 | 2.5/17.1  | 98030 |
| 2007 LU <sub>11</sub>  | 2008 09 19.4 | 23 48.15 +09 48.8 19.9 | -0.80 - 7.0 | 3.6/23.4  | 43284 |
| 2006 DL <sub>189</sub> | 2008 09 19.4 | 23 48.15 -04 12.9 20.9 | -0.76 - 4.2 | 0.9/18.5  | 43263 |
| 2002 QE <sub>62</sub>  | 2008 09 19.4 | 23 48.16 +05 14.0 20.3 | -0.78 - 3.0 | 2.0/21.5  | 43160 |
| 2005 WJ <sub>186</sub> | 2008 09 19.4 | 23 48.22 -15 49.3 21.5 | -0.82 - 6.5 | 4.4/14.4  | 98015 |
| 2000 CY <sub>77</sub>  | 2008 09 19.4 | 23 48.23 -01 34.1 19.9 | -0.71 - 5.4 | 0.1/19.4  | 07832 |
| 2005 WY <sub>9</sub>   | 2008 09 19.4 | 23 48.24 +07 16.6 20.0 | -0.94 - 6.4 | 3.6/22.3  | 97978 |
| 2002 EF <sub>100</sub> | 2008 09 19.4 | 23 48.25 -00 00.6 18.8 | -0.72 -13.2 | 0.4/20.0  | 20763 |
| 2006 BA <sub>79</sub>  | 2008 09 19.4 | 23 48.28 -09 41.9 20.9 | -0.85 - 6.1 | 2.7/16.6  | 02274 |
| 2002 CG <sub>16</sub>  | 2008 09 19.4 | 23 48.28 -16 54.9 20.5 | -0.95 - 2.5 | 4.7/14.8  | 30638 |
| 2000 GC <sub>153</sub> | 2008 09 19.4 | 23 48.30 +05 37.4 19.9 | -0.98 - 5.2 | 2.6/21.7  | 43105 |
| 2003 MA <sub>1</sub>   | 2008 09 19.4 | 23 48.31 +22 48.4 19.5 | -0.92 - 4.4 | 7.5/28.2  | 43173 |
| 2006 BA <sub>118</sub> | 2008 09 19.4 | 23 48.32 +00 22.2 18.4 | -0.88 - 2.5 | 0.7/20.0  | 43254 |
| 2001 YN <sub>161</sub> | 2008 09 19.4 | 23 48.33 +05 01.3 20.0 | -1.05 - 1.1 | 2.2/21.2  | 43142 |
| 2006 EU <sub>34</sub>  | 2008 09 19.5 | 23 48.30 -06 44.6 19.4 | -0.76 - 5.0 | 1.8/17.7  | 43264 |
| 2007 GF <sub>51</sub>  | 2008 09 19.5 | 23 48.32 -09 09.2 20.5 | -0.85 - 6.0 | 2.6/16.9  | 22887 |
| 2002 LR <sub>50</sub>  | 2008 09 19.5 | 23 48.36 +13 03.3 19.9 | -0.74 - 5.5 | 4.1/24.6  | 43155 |
| 2006 AR <sub>42</sub>  | 2008 09 19.5 | 23 48.37 +00 07.0 20.3 | -0.90 - 6.5 | 0.5/20.0  | 43251 |
| 2004 UC <sub>9</sub>   | 2008 09 19.5 | 23 48.38 +40 52.6 18.5 | -0.88 - 6.1 | 14.6/10.0 | 20811 |
| 2005 YY <sub>290</sub> | 2008 09 19.5 | 23 48.39 +00 12.5 20.6 | -0.88 - 4.7 | 0.5/20.0  | 24049 |
| 2000 SM <sub>188</sub> | 2008 09 19.5 | 23 48.40 +08 45.9 19.6 | -0.93 - 3.7 | 4.1/22.6  | 43110 |
| 2004 XK <sub>22</sub>  | 2008 09 19.5 | 23 48.40 +20 41.1 18.4 | -0.78 - 6.0 | 8.6/27.7  | 74445 |
| 2004 HD <sub>36</sub>  | 2008 09 19.5 | 23 48.41 -02 04.5 20.5 | -0.90 -10.2 | 0.3/19.2  | 43200 |
| 2003 WP <sub>44</sub>  | 2008 09 19.5 | 23 48.42 +11 22.6 19.4 | -0.83 - 2.7 | 4.1/23.5  | 43193 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 AQ <sub>51</sub>  | 2008 09 19.5 | 23 48.42 -17 38.2 21.1 | -0.83 - 6.6 | 5.3/13.7  | 21353 |
| 2006 AQ <sub>5</sub>   | 2008 09 19.5 | 23 48.43 -19 22.0 20.5 | -1.04 - 3.5 | 6.6/13.8  | 96886 |
| 2005 YW <sub>169</sub> | 2008 09 19.5 | 23 48.43 +14 43.7 19.9 | -0.88 - 5.7 | 6.0/25.1  | 43249 |
| 2006 DF <sub>53</sub>  | 2008 09 19.5 | 23 48.43 -01 23.0 19.7 | -0.85 - 4.2 | 0.0/19.5  | 19287 |
| 2003 JU <sub>17</sub>  | 2008 09 19.5 | 23 48.43 -20 58.4 18.4 | -0.74 - 8.9 | 7.5/12.0  | 19600 |
| 1999 RF <sub>80</sub>  | 2008 09 19.5 | 23 48.43 +08 14.1 19.3 | -0.93 - 2.2 | 3.5/22.4  | 43097 |
| 2002 FN <sub>16</sub>  | 2008 09 19.5 | 23 48.44 -20 31.6 20.0 | -0.92 - 3.5 | 5.8/13.3  | 02090 |
| 2006 AY <sub>13</sub>  | 2008 09 19.5 | 23 48.45 -07 13.3 21.0 | -0.81 - 6.3 | 1.9/17.5  | 22806 |
| 2006 AD <sub>93</sub>  | 2008 09 19.5 | 23 48.46 -00 43.1 20.7 | -0.85 - 4.7 | 0.2/19.7  | 21354 |
| 2005 YW <sub>64</sub>  | 2008 09 19.5 | 23 48.47 -10 14.4 20.1 | -0.92 - 6.2 | 3.6/16.6  | 43247 |
| 2001 XG <sub>215</sub> | 2008 09 19.5 | 23 48.48 -07 08.1 20.8 | -0.88 - 4.7 | 1.8/17.7  | 94391 |
| 2003 UW <sub>104</sub> | 2008 09 19.5 | 23 48.48 +11 58.7 20.8 | -0.68 - 7.3 | 3.4/24.5  | 00617 |
| 2001 DK <sub>76</sub>  | 2008 09 19.5 | 23 48.49 -07 42.3 19.6 | -0.74 - 6.8 | 1.9/17.3  | 10762 |
| 1999 UR <sub>37</sub>  | 2008 09 19.5 | 23 48.50 +01 50.7 20.0 | -0.74 - 8.5 | 0.9/20.7  | 07802 |
| 2006 AP <sub>79</sub>  | 2008 09 19.5 | 23 48.52 +16 33.2 21.1 | -0.84 - 4.6 | 5.0/25.7  | 96957 |
| 2004 FC <sub>68</sub>  | 2008 09 19.5 | 23 48.52 -35 06.4 18.8 | -1.57 + 9.8 | 15.9/15.0 | 43199 |
| 2006 AD <sub>41</sub>  | 2008 09 19.5 | 23 48.54 +10 51.9 19.8 | -0.92 - 2.6 | 4.0/23.3  | 43251 |
| 2001 UU <sub>65</sub>  | 2008 09 19.5 | 23 48.55 -05 53.0 18.9 | -1.02 - 4.0 | 1.9/18.2  | 43133 |
| 2004 TF <sub>47</sub>  | 2008 09 19.5 | 23 48.56 +00 08.6 20.1 | -0.83 - 5.7 | 0.5/20.0  | 97752 |
| 2005 YT <sub>98</sub>  | 2008 09 19.5 | 23 48.58 +05 48.6 19.5 | -1.02 - 3.3 | 3.1/21.6  | 43248 |
| 2006 GG <sub>2</sub>   | 2008 09 19.5 | 23 48.59 -08 42.4 20.4 | -0.73 - 4.7 | 2.1/17.0  | 01562 |
| 2001 YD <sub>23</sub>  | 2008 09 19.5 | 23 48.59 -06 42.0 19.8 | -0.95 - 5.0 | 2.3/17.9  | 97535 |
| 2004 XE <sub>38</sub>  | 2008 09 19.5 | 23 48.60 +00 11.8 19.1 | -0.71 -11.3 | 0.5/20.1  | 43225 |
| 2003 JN <sub>8</sub>   | 2008 09 19.5 | 23 48.61 -28 50.2 20.1 | -0.98 - 2.3 | 9.6/10.6  | 19600 |
| 2002 GV <sub>88</sub>  | 2008 09 19.5 | 23 48.65 -14 47.0 19.9 | -0.77 - 7.2 | 4.1/14.7  | 94743 |
| 2002 BJ <sub>15</sub>  | 2008 09 19.5 | 23 48.66 +01 38.5 19.9 | -0.86 - 5.7 | 0.9/20.5  | 97556 |
| 2006 AD <sub>1</sub>   | 2008 09 19.5 | 23 48.67 -04 32.9 19.5 | -0.81 - 7.2 | 1.3/18.4  | 43250 |
| 2004 PR <sub>23</sub>  | 2008 09 19.5 | 23 48.68 -02 38.3 19.0 | -0.90 - 4.8 | 0.6/19.2  | 43203 |
| 2001 XO <sub>177</sub> | 2008 09 19.6 | 23 48.61 +03 55.3 20.3 | -0.85 - 5.9 | 1.6/21.3  | 43140 |
| 2005 VX <sub>69</sub>  | 2008 09 19.6 | 23 48.62 -01 00.6 20.6 | -0.88 - 7.0 | 0.1/19.7  | 42781 |
| 2002 AX <sub>177</sub> | 2008 09 19.6 | 23 48.62 +05 22.4 19.9 | -0.91 - 4.2 | 2.3/21.7  | 43144 |
| 2006 DG <sub>209</sub> | 2008 09 19.6 | 23 48.62 -07 00.0 21.9 | -0.75 - 3.7 | 1.5/17.7  | 04371 |
| 2002 QT <sub>51</sub>  | 2008 09 19.6 | 23 48.71 -03 34.2 19.7 | -0.72 - 5.0 | 0.7/18.8  | 43159 |
| 2006 AH <sub>68</sub>  | 2008 09 19.6 | 23 48.72 -00 13.7 20.8 | -0.81 - 5.1 | 0.3/20.0  | 96945 |
| 2003 UZ <sub>129</sub> | 2008 09 19.6 | 23 48.74 +13 43.0 18.8 | -0.77 - 4.2 | 4.8/24.8  | 43188 |
| 2006 BP <sub>126</sub> | 2008 09 19.6 | 23 48.76 +03 12.6 20.2 | -0.87 - 3.5 | 1.5/21.0  | 42796 |
| 2001 XD <sub>203</sub> | 2008 09 19.6 | 23 48.77 -11 55.3 19.1 | -0.83 - 7.7 | 4.7/15.8  | 43140 |
| 2003 QD <sub>103</sub> | 2008 09 19.6 | 23 48.78 -04 07.6 19.5 | -0.77 - 6.0 | 1.0/18.6  | 43175 |
| 2004 TJ <sub>361</sub> | 2008 09 19.6 | 23 48.78 +01 44.9 19.3 | -0.92 - 3.7 | 1.2/20.6  | 18107 |
| 2003 FS <sub>76</sub>  | 2008 09 19.6 | 23 48.82 -12 43.1 20.1 | -0.95 - 4.3 | 4.2/16.1  | 19596 |
| 2006 BC <sub>40</sub>  | 2008 09 19.6 | 23 48.83 -08 19.3 20.3 | -0.85 - 6.4 | 2.4/17.2  | 97008 |
| 2004 XF <sub>20</sub>  | 2008 09 19.6 | 23 48.83 -16 23.8 19.9 | -0.88 - 4.5 | 5.1/14.5  | 74445 |
| 1998 WC <sub>46</sub>  | 2008 09 19.6 | 23 48.84 -25 22.9 20.3 | -0.75 - 4.8 | 6.0/10.6  | 07765 |
| 2001 OC <sub>55</sub>  | 2008 09 19.6 | 23 48.85 -12 23.7 19.3 | -1.07 - 1.7 | 5.0/16.6  | 97442 |
| 2006 DP <sub>141</sub> | 2008 09 19.6 | 23 48.85 -04 57.2 19.4 | -0.85 - 3.9 | 1.3/18.5  | 43262 |
| 2007 JO                | 2008 09 19.6 | 23 48.86 -09 52.2 20.2 | -0.68 - 7.9 | 2.6/16.5  | 22589 |
| 2004 CV <sub>72</sub>  | 2008 09 19.6 | 23 48.88 -13 30.3 20.5 | -0.58 - 5.0 | 2.7/15.1  | 21338 |
| 2001 PF <sub>16</sub>  | 2008 09 19.6 | 23 48.88 -02 15.4 18.0 | -0.79 - 0.0 | 0.6/19.4  | 43121 |
| 2004 XT <sub>24</sub>  | 2008 09 19.6 | 23 48.89 +10 03.2 18.8 | -0.94 - 3.3 | 4.2/23.0  | 43224 |
| 2000 RQ <sub>98</sub>  | 2008 09 19.6 | 23 48.91 +19 32.1 18.5 | -0.85 - 6.9 | 8.1/27.5  | 43108 |
| 2005 YU <sub>123</sub> | 2008 09 19.6 | 23 48.92 -07 59.2 19.6 | -1.04 - 3.3 | 2.9/17.7  | 96778 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 HW <sub>33</sub>  | 2008 09 19.6 | 23 48.95 -25 35.6 19.6 | -0.88 - 1.1 | 6.6/12.1  | 00023 |
| 2002 CN <sub>80</sub>  | 2008 09 19.6 | 23 48.97 -04 27.8 19.6 | -0.48 - 3.3 | 0.6/18.5  | 43146 |
| 2004 XJ <sub>96</sub>  | 2008 09 19.6 | 23 48.99 -26 46.4 20.3 | -0.78 - 4.1 | 7.1/10.4  | 02232 |
| 2006 BL <sub>72</sub>  | 2008 09 19.6 | 23 48.99 -10 51.2 19.8 | -0.82 - 5.0 | 3.2/16.5  | 43253 |
| 2002 PF <sub>106</sub> | 2008 09 19.6 | 23 49.00 +11 59.1 19.6 | -0.72 - 5.3 | 4.1/24.4  | 43158 |
| 2003 WX <sub>37</sub>  | 2008 09 19.6 | 23 49.01 -07 37.1 19.3 | -0.84 - 2.1 | 2.1/17.7  | 77743 |
| 2006 BQ <sub>142</sub> | 2008 09 19.6 | 23 49.02 -06 05.6 21.1 | -0.77 - 6.0 | 1.4/18.0  | 98120 |
| 2002 EG <sub>151</sub> | 2008 09 19.6 | 23 49.02 -04 53.1 19.5 | -0.76 - 8.8 | 1.3/18.3  | 43151 |
| 2001 QN <sub>201</sub> | 2008 09 19.6 | 23 49.03 +05 19.2 18.9 | -0.93 - 4.5 | 3.1/21.8  | 43123 |
| 2001 XK <sub>203</sub> | 2008 09 19.7 | 23 48.97 -11 06.0 19.6 | -0.87 - 7.9 | 4.3/16.2  | 94388 |
| 2000 WP <sub>16</sub>  | 2008 09 19.7 | 23 49.00 +19 16.1 18.7 | -0.81 - 6.5 | 7.9/27.2  | 43114 |
| 2003 GC <sub>33</sub>  | 2008 09 19.7 | 23 49.00 +02 23.2 19.8 | -0.46 - 3.8 | 0.6/21.0  | 87582 |
| 2001 SP <sub>215</sub> | 2008 09 19.7 | 23 49.01 -11 20.2 18.9 | -1.01 - 5.0 | 4.3/16.5  | 43128 |
| 2005 XP <sub>24</sub>  | 2008 09 19.7 | 23 49.02 -07 34.9 19.4 | -0.93 - 5.4 | 3.1/17.6  | 43245 |
| 2000 CA <sub>24</sub>  | 2008 09 19.7 | 23 49.02 +10 11.9 19.8 | -0.77 - 3.4 | 3.0/23.5  | 99935 |
| 2005 YF <sub>178</sub> | 2008 09 19.7 | 23 49.05 +06 11.1 21.1 | -0.92 - 5.9 | 2.9/22.1  | 43249 |
| 2002 PJ <sub>123</sub> | 2008 09 19.7 | 23 49.07 +07 48.8 19.7 | -0.70 - 5.6 | 2.6/22.9  | 43158 |
| 2001 JS <sub>9</sub>   | 2008 09 19.7 | 23 49.09 -16 58.4 18.7 | -0.79 - 3.0 | 5.0/14.5  | 02035 |
| 2005 YO <sub>258</sub> | 2008 09 19.7 | 23 49.12 -05 06.4 21.7 | -0.74 - 5.4 | 1.1/18.4  | 96867 |
| 2000 SB <sub>322</sub> | 2008 09 19.7 | 23 49.13 +00 23.8 19.1 | -0.74 -11.9 | 0.6/20.4  | 43111 |
| 2001 KV <sub>9</sub>   | 2008 09 19.7 | 23 49.13 -41 08.2 20.9 | -0.92 - 1.2 | 9.2/05.2  | 10768 |
| 2005 BL <sub>24</sub>  | 2008 09 19.7 | 23 49.15 -04 10.6 20.2 | -0.72 - 4.9 | 0.8/18.7  | 43229 |
| 1999 VN <sub>8</sub>   | 2008 09 19.7 | 23 49.17 +05 33.2 19.2 | -0.70 - 9.0 | 2.6/22.3  | 43100 |
| 2006 CO <sub>5</sub>   | 2008 09 19.7 | 23 49.17 +03 08.8 20.6 | -0.84 - 7.0 | 1.5/21.2  | 02284 |
| 2003 SY <sub>35</sub>  | 2008 09 19.7 | 23 49.17 -13 13.9 18.6 | -0.76 - 4.2 | 4.8/15.7  | 20784 |
| 1999 TV <sub>229</sub> | 2008 09 19.7 | 23 49.19 +01 45.2 20.3 | -0.76 - 7.6 | 1.1/20.8  | 43099 |
| 2002 CS <sub>273</sub> | 2008 09 19.7 | 23 49.19 +01 54.0 19.6 | -0.52 - 2.8 | 0.6/20.8  | 43148 |
| 2007 BA <sub>18</sub>  | 2008 09 19.7 | 23 49.21 +00 26.8 19.9 | -1.05 - 4.6 | 0.6/20.2  | 43272 |
| 2003 UF <sub>10</sub>  | 2008 09 19.7 | 23 49.24 -06 11.6 19.5 | -0.88 - 1.1 | 1.3/18.3  | 22755 |
| 2003 DW <sub>3</sub>   | 2008 09 19.7 | 23 49.27 +02 14.6 20.4 | -1.00 - 3.5 | 1.2/20.8  | 43168 |
| 2001 BN <sub>46</sub>  | 2008 09 19.7 | 23 49.28 +05 13.1 19.8 | -0.45 - 4.0 | 1.1/22.2  | 43118 |
| 2003 SC <sub>267</sub> | 2008 09 19.7 | 23 49.29 -04 04.0 19.3 | -0.80 - 4.6 | 1.0/18.8  | 43182 |
| 2005 CO <sub>5</sub>   | 2008 09 19.7 | 23 49.30 +06 59.6 20.0 | -0.82 - 2.2 | 2.3/22.3  | 42738 |
| 2006 BM <sub>1</sub>   | 2008 09 19.7 | 23 49.30 +00 40.5 21.1 | -0.92 - 5.2 | 0.6/20.4  | 02271 |
| 2002 CL <sub>21</sub>  | 2008 09 19.7 | 23 49.30 -08 22.7 21.6 | -0.81 - 6.3 | 2.0/17.3  | 94568 |
| 2001 FJ <sub>115</sub> | 2008 09 19.7 | 23 49.30 -06 33.1 19.3 | -0.87 - 2.0 | 1.7/18.2  | 02033 |
| 2005 TQ <sub>78</sub>  | 2008 09 19.7 | 23 49.31 +05 18.2 19.2 | -0.82 -10.8 | 3.2/23.0  | 42771 |
| 2007 EJ <sub>75</sub>  | 2008 09 19.7 | 23 49.34 -01 35.0 18.3 | -1.02 - 2.0 | 0.2/19.7  | 43276 |
| 2005 UO <sub>341</sub> | 2008 09 19.7 | 23 49.35 -07 07.8 20.6 | -0.94 - 6.4 | 2.3/17.9  | 22525 |
| 2007 HD <sub>90</sub>  | 2008 09 19.7 | 23 49.37 -13 38.5 19.7 | -0.77 - 8.4 | 4.3/15.2  | 26285 |
| 2001 SK <sub>208</sub> | 2008 09 19.7 | 23 49.38 -06 38.6 18.4 | -0.81 - 8.7 | 2.5/17.8  | 17951 |
| 1996 VB <sub>10</sub>  | 2008 09 19.7 | 23 49.40 -30 52.2 19.8 | -0.98 - 2.6 | 11.0/09.3 | 43093 |
| 1998 HP <sub>10</sub>  | 2008 09 19.8 | 23 49.31 -09 33.7 20.7 | -0.91 - 3.8 | 2.8/17.2  | 01969 |
| 2004 TB <sub>128</sub> | 2008 09 19.8 | 23 49.31 -04 56.0 19.0 | -0.72 -10.8 | 1.5/18.4  | 43216 |
| 2005 WL <sub>11</sub>  | 2008 09 19.8 | 23 49.39 -12 03.3 20.7 | -1.01 - 5.0 | 4.2/16.4  | 20444 |
| 2001 TS <sub>160</sub> | 2008 09 19.8 | 23 49.40 -00 27.9 21.0 | -0.91 - 5.7 | 0.2/20.0  | 21306 |
| 2003 HX <sub>5</sub>   | 2008 09 19.8 | 23 49.40 -03 25.9 20.0 | -0.85 - 8.1 | 0.8/19.0  | 43171 |
| 2002 CH <sub>112</sub> | 2008 09 19.8 | 23 49.42 -05 28.0 20.3 | -0.73 - 8.9 | 1.2/18.2  | 30661 |
| 2003 BK <sub>19</sub>  | 2008 09 19.8 | 23 49.44 -13 27.5 20.1 | -0.99 - 6.1 | 5.0/15.8  | 20774 |
| 2001 TE <sub>111</sub> | 2008 09 19.8 | 23 49.45 -03 51.3 19.2 | -1.02 - 2.8 | 1.1/19.1  | 43131 |
| 2003 UP <sub>314</sub> | 2008 09 19.8 | 23 49.46 +15 16.4 20.4 | -0.69 - 6.7 | 4.7/26.0  | 08789 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1999 YU <sub>25</sub>  | 2008 09 19.8 | 23 49.48 -01 10.1 20.0 | -0.77 - 5.1 | 0.0/19.8  | 43102 |
| 2001 XG <sub>263</sub> | 2008 09 19.8 | 23 49.49 +02 18.5 18.1 | -0.78 - 6.1 | 1.7/21.0  | 43141 |
| 2002 PD <sub>101</sub> | 2008 09 19.8 | 23 49.50 +11 39.9 18.2 | -0.66 - 7.2 | 4.6/24.7  | 43158 |
| 2003 SA <sub>275</sub> | 2008 09 19.8 | 23 49.50 +01 15.0 20.3 | -0.88 - 2.0 | 0.8/20.6  | 42654 |
| 2003 HO <sub>8</sub>   | 2008 09 19.8 | 23 49.51 -16 27.7 19.1 | -0.78 - 9.1 | 5.6/14.1  | 20779 |
| 2002 PZ <sub>65</sub>  | 2008 09 19.8 | 23 49.52 +34 13.0 18.4 | -1.15 + 4.7 | 13.1/29.0 | 62395 |
| 2007 PT <sub>26</sub>  | 2008 09 19.8 | 23 49.52 +34 28.5 20.0 | -0.94 - 0.4 | 9.0/02.0  | 43285 |
| 2006 BB <sub>81</sub>  | 2008 09 19.8 | 23 49.53 -06 11.0 19.9 | -0.80 - 4.6 | 1.7/18.2  | 02275 |
| 2007 CU <sub>53</sub>  | 2008 09 19.8 | 23 49.57 +11 09.2 19.2 | -1.50 + 2.8 | 5.7/22.4  | 42869 |
| 2003 YL <sub>148</sub> | 2008 09 19.8 | 23 49.57 +04 57.9 19.4 | -0.93 - 0.6 | 2.2/21.5  | 43197 |
| 1998 SG <sub>41</sub>  | 2008 09 19.8 | 23 49.61 -00 13.5 19.8 | -0.79 - 4.3 | 0.3/20.2  | 43094 |
| 2003 SL <sub>23</sub>  | 2008 09 19.8 | 23 49.61 +11 10.6 18.5 | -0.77 - 4.2 | 5.1/24.1  | 42643 |
| 2007 LP <sub>2</sub>   | 2008 09 19.8 | 23 49.63 -13 49.7 21.1 | -0.73 - 6.3 | 3.6/15.4  | 21370 |
| 2000 SJ <sub>98</sub>  | 2008 09 19.8 | 23 49.66 +06 23.6 18.5 | -0.67 -11.6 | 3.3/22.8  | 43109 |
| 2004 XG <sub>32</sub>  | 2008 09 19.8 | 23 49.73 -02 47.8 19.1 | -0.79 - 5.5 | 0.6/19.3  | 43224 |
| 2004 XZ <sub>102</sub> | 2008 09 19.8 | 23 49.75 +55 22.6 19.3 | -1.44 + 4.3 | 17.9/11.7 | 74460 |
| 2001 DF <sub>80</sub>  | 2008 09 19.9 | 23 49.68 -18 35.2 21.9 | -0.96 -17.3 | 6.0/12.9  | 17930 |
| 2006 BK <sub>124</sub> | 2008 09 19.9 | 23 49.68 +07 46.6 21.0 | -1.02 - 1.7 | 3.4/22.4  | 43255 |
| 2001 XT <sub>192</sub> | 2008 09 19.9 | 23 49.71 +09 31.4 19.6 | -0.87 - 5.0 | 3.3/23.4  | 43140 |
| 2008 QA <sub>4</sub>   | 2008 09 19.9 | 23 49.74 +02 09.2 18.8 | -0.77 - 6.6 | 1.2/21.1  | 42994 |
| 2005 MU <sub>3</sub>   | 2008 09 19.9 | 23 49.75 -21 23.3 19.8 | -0.51 - 2.9 | 3.7/12.4  | 43232 |
| 2005 YX <sub>88</sub>  | 2008 09 19.9 | 23 49.75 -04 30.9 21.1 | -0.92 - 6.9 | 1.3/18.8  | 98048 |
| 2003 EC <sub>41</sub>  | 2008 09 19.9 | 23 49.76 -19 15.8 19.7 | -0.96 - 3.8 | 6.6/14.3  | 19594 |
| 2007 HZ <sub>83</sub>  | 2008 09 19.9 | 23 49.80 +01 24.6 21.0 | -0.93 - 6.1 | 0.9/20.7  | 20662 |
| 1999 VG <sub>71</sub>  | 2008 09 19.9 | 23 49.80 -20 52.1 19.4 | -0.88 - 2.8 | 6.6/13.5  | 43101 |
| 2001 UZ <sub>107</sub> | 2008 09 19.9 | 23 49.81 -04 31.3 18.7 | -0.76 - 5.6 | 1.7/18.8  | 43134 |
| 2003 BK <sub>71</sub>  | 2008 09 19.9 | 23 49.83 -04 36.4 20.2 | -0.89 - 7.5 | 1.2/18.7  | 21129 |
| 2004 VP <sub>10</sub>  | 2008 09 19.9 | 23 49.85 -18 33.8 19.0 | -1.21 + 3.2 | 7.6/15.7  | 97767 |
| 2003 US <sub>201</sub> | 2008 09 19.9 | 23 49.86 -15 30.3 19.4 | -0.84 - 3.2 | 4.3/15.2  | 22759 |
| 2002 FT <sub>18</sub>  | 2008 09 19.9 | 23 49.89 -02 08.1 21.9 | -0.84 - 6.0 | 0.3/19.6  | 08247 |
| 2003 TR <sub>30</sub>  | 2008 09 19.9 | 23 49.91 -01 50.4 19.9 | -0.74 - 5.6 | 0.2/19.7  | 43184 |
| 2004 TS <sub>171</sub> | 2008 09 19.9 | 23 49.92 -08 27.1 18.9 | -0.76 - 9.9 | 2.5/17.2  | 43217 |
| 2005 UB <sub>260</sub> | 2008 09 19.9 | 23 49.92 -04 21.4 20.5 | -0.96 - 6.7 | 1.2/18.9  | 20821 |
| 2003 UN <sub>157</sub> | 2008 09 19.9 | 23 49.94 +13 35.4 19.8 | -0.77 - 4.6 | 4.5/25.0  | 43189 |
| 2000 DF <sub>91</sub>  | 2008 09 19.9 | 23 49.98 +02 12.7 20.5 | -0.75 - 4.0 | 0.9/21.1  | 10728 |
| 2005 XS <sub>24</sub>  | 2008 09 19.9 | 23 49.98 +20 39.8 20.5 | -0.91 - 4.2 | 6.8/27.5  | 96612 |
| 2000 DQ <sub>91</sub>  | 2008 09 19.9 | 23 49.99 +07 18.1 18.9 | -0.91 - 0.5 | 2.6/22.4  | 43103 |
| 2007 TD <sub>74</sub>  | 2008 09 19.9 | 23 50.00 -27 40.5 19.5 | -0.51 - 6.2 | 4.9/08.9  | 43290 |
| 2002 GT <sub>116</sub> | 2008 09 19.9 | 23 50.01 -00 01.0 19.9 | -0.76 - 9.5 | 0.3/20.4  | 02096 |
| 2007 EO <sub>25</sub>  | 2008 09 19.9 | 23 50.03 -01 47.4 21.1 | -0.96 - 5.3 | 0.2/19.8  | 19384 |
| 2003 UG <sub>102</sub> | 2008 09 19.9 | 23 50.06 -11 40.7 18.7 | -0.69 - 7.3 | 3.6/16.1  | 43187 |
| 2001 RP <sub>64</sub>  | 2008 09 19.9 | 23 50.08 +09 04.9 18.9 | -0.94 - 6.5 | 3.9/23.0  | 43125 |
| 2006 EV <sub>24</sub>  | 2008 09 19.9 | 23 50.09 -03 24.2 20.1 | -0.71 - 6.7 | 0.8/19.2  | 43264 |
| 2005 VJ <sub>81</sub>  | 2008 09 20.0 | 23 50.03 -13 22.7 19.8 | -1.04 - 4.9 | 5.1/16.1  | 97970 |
| 2002 GQ <sub>84</sub>  | 2008 09 20.0 | 23 50.04 -18 56.7 21.0 | -0.91 - 3.1 | 5.1/14.3  | 94741 |
| 2002 CW <sub>112</sub> | 2008 09 20.0 | 23 50.05 -03 19.7 19.6 | -0.88 - 5.0 | 0.8/19.3  | 43147 |
| 2002 GY <sub>115</sub> | 2008 09 20.0 | 23 50.06 -04 08.6 19.4 | -0.76 - 7.0 | 1.0/18.9  | 43153 |
| 2001 CN <sub>10</sub>  | 2008 09 20.0 | 23 50.06 -20 58.6 19.6 | -0.47 - 3.8 | 3.3/12.4  | 43118 |
| 2006 BC <sub>268</sub> | 2008 09 20.0 | 23 50.07 -02 18.0 20.1 | -0.88 - 3.1 | 0.4/19.6  | 42799 |
| 2004 XE <sub>145</sub> | 2008 09 20.0 | 23 50.10 -19 08.9 18.0 | -0.80 - 6.9 | 7.1/13.2  | 40691 |
| 2004 RF <sub>326</sub> | 2008 09 20.0 | 23 50.10 +13 08.8 18.3 | -0.89 - 3.2 | 5.9/24.5  | 43212 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 WP <sub>5</sub>   | 2008 09 20.0 | 23 50.10 +05 03.7 18.4 | -0.91 - 1.2 | 3.0/21.8  | 43114 |
| 2001 XV <sub>32</sub>  | 2008 09 20.0 | 23 50.11 +07 59.1 18.9 | -0.85 - 7.4 | 3.8/23.2  | 43138 |
| 1999 XL <sub>225</sub> | 2008 09 20.0 | 23 50.14 -12 07.4 18.7 | -0.85 - 5.1 | 5.7/16.4  | 43102 |
| 2004 RM <sub>135</sub> | 2008 09 20.0 | 23 50.14 -02 46.4 20.1 | -0.99 - 3.0 | 0.6/19.5  | 43209 |
| 2001 XT <sub>124</sub> | 2008 09 20.0 | 23 50.17 -05 15.8 20.0 | -0.93 - 6.1 | 1.6/18.7  | 43139 |
| 2003 FA <sub>131</sub> | 2008 09 20.0 | 23 50.18 -09 34.7 21.2 | -0.95 - 4.4 | 2.8/17.4  | 08704 |
| 2007 AK                | 2008 09 20.0 | 23 50.22 -31 02.7 20.6 | -1.45 + 4.8 | 10.4/14.0 | 21663 |
| 2004 RR <sub>83</sub>  | 2008 09 20.0 | 23 50.25 -01 10.4 19.8 | -0.89 - 4.2 | 0.0/20.0  | 43208 |
| 2005 YJ <sub>70</sub>  | 2008 09 20.0 | 23 50.25 +00 19.8 19.9 | -0.96 - 4.7 | 0.6/20.5  | 43247 |
| 2006 AD <sub>57</sub>  | 2008 09 20.0 | 23 50.27 +00 11.9 19.9 | -1.03 - 2.7 | 0.4/20.4  | 43251 |
| 2007 GY <sub>18</sub>  | 2008 09 20.0 | 23 50.30 -05 16.0 18.5 | -0.90 - 3.7 | 2.0/18.8  | 43279 |
| 2006 BV <sub>20</sub>  | 2008 09 20.0 | 23 50.32 -03 07.3 21.5 | -0.81 - 5.7 | 0.6/19.4  | 02271 |
| 2004 TE <sub>06</sub>  | 2008 09 20.0 | 23 50.35 -08 24.2 20.1 | -0.92 - 3.1 | 2.5/17.8  | 43216 |
| 2003 UQ <sub>122</sub> | 2008 09 20.0 | 23 50.36 -19 56.6 18.7 | -0.67 - 8.8 | 6.5/12.4  | 77729 |
| 2007 MF <sub>13</sub>  | 2008 09 20.0 | 23 50.42 -28 59.0 19.3 | -0.72 - 6.0 | 9.5/09.1  | 43285 |
| 2004 UW <sub>8</sub>   | 2008 09 20.0 | 23 50.42 +04 38.9 19.2 | -0.89 - 3.8 | 2.3/21.9  | 43221 |
| 2003 WR <sub>113</sub> | 2008 09 20.0 | 23 50.43 +04 44.9 19.5 | -0.75 - 4.5 | 2.0/22.0  | 43194 |
| 2005 UL <sub>34</sub>  | 2008 09 20.0 | 23 50.43 -02 58.8 19.9 | -0.99 - 5.8 | 0.9/19.5  | 43236 |
| 2003 EQ <sub>35</sub>  | 2008 09 20.0 | 23 50.45 +05 24.9 20.6 | -0.91 - 6.5 | 2.2/22.2  | 43169 |
| 2003 UA <sub>271</sub> | 2008 09 20.0 | 23 50.45 +01 03.3 20.4 | -0.86 - 2.0 | 0.7/20.7  | 43191 |
| 2007 GZ <sub>65</sub>  | 2008 09 20.1 | 23 50.42 -39 06.9 19.6 | -1.04 + 0.9 | 11.0/08.5 | 22888 |
| 2004 TR <sub>332</sub> | 2008 09 20.1 | 23 50.43 -03 21.0 20.2 | -0.84 - 4.6 | 0.8/19.4  | 43220 |
| 2001 FG <sub>11</sub>  | 2008 09 20.1 | 23 50.43 -03 42.9 19.2 | -0.87 - 2.0 | 0.9/19.3  | 43119 |
| 2003 SX <sub>32</sub>  | 2008 09 20.1 | 23 50.46 -07 38.0 18.8 | -0.96 - 0.5 | 2.2/18.3  | 10993 |
| 2003 HB <sub>20</sub>  | 2008 09 20.1 | 23 50.49 -03 14.7 20.1 | -0.92 - 4.4 | 0.8/19.4  | 43172 |
| 2002 PA <sub>164</sub> | 2008 09 20.1 | 23 50.50 +08 56.5 18.5 | -0.84 - 2.0 | 3.4/23.2  | 43159 |
| 2003 SV <sub>180</sub> | 2008 09 20.1 | 23 50.51 -00 26.4 19.5 | -0.78 - 5.9 | 0.2/20.3  | 43180 |
| 2003 UD <sub>18</sub>  | 2008 09 20.1 | 23 50.51 -01 28.9 20.1 | -0.76 - 4.8 | 0.1/20.0  | 43185 |
| 2004 QK <sub>11</sub>  | 2008 09 20.1 | 23 50.52 -11 21.8 18.8 | -0.89 - 3.0 | 4.7/16.9  | 43206 |
| 2000 AH <sub>1</sub>   | 2008 09 20.1 | 23 50.53 +35 23.7 19.9 | -0.61 - 0.9 | 5.9/04.5  | 24300 |
| 2005 YP <sub>95</sub>  | 2008 09 20.1 | 23 50.54 -09 18.8 19.5 | -0.81 - 7.8 | 3.6/17.2  | 43248 |
| 2002 CV <sub>105</sub> | 2008 09 20.1 | 23 50.56 -02 28.3 19.1 | -0.93 - 2.4 | 0.5/19.7  | 43146 |
| 2006 ET <sub>23</sub>  | 2008 09 20.1 | 23 50.56 -02 31.0 20.3 | -0.81 - 6.1 | 0.5/19.6  | 01476 |
| 2006 BK <sub>125</sub> | 2008 09 20.1 | 23 50.63 -11 08.1 19.0 | -0.71 -10.1 | 3.9/16.2  | 43255 |
| 2002 EF <sub>95</sub>  | 2008 09 20.1 | 23 50.72 -02 40.2 20.1 | -0.47 - 3.7 | 0.3/19.6  | 43150 |
| 2006 BO <sub>219</sub> | 2008 09 20.1 | 23 50.72 -09 39.7 19.3 | -0.89 - 5.3 | 3.2/17.3  | 43256 |
| 2001 XF <sub>134</sub> | 2008 09 20.1 | 23 50.73 -12 32.9 18.7 | -0.85 - 4.4 | 5.4/16.4  | 97524 |
| 2003 FY <sub>113</sub> | 2008 09 20.1 | 23 50.74 -00 10.0 19.7 | -0.96 - 3.8 | 0.3/20.4  | 43170 |
| 2007 HB <sub>50</sub>  | 2008 09 20.1 | 23 50.77 -05 40.5 19.7 | -0.81 - 7.6 | 1.8/18.5  | 43282 |
| 2003 BL <sub>9</sub>   | 2008 09 20.1 | 23 50.78 +11 41.7 18.6 | -0.95 - 6.3 | 5.3/24.4  | 43167 |
| 2000 GJ <sub>131</sub> | 2008 09 20.1 | 23 50.78 +00 28.8 21.2 | -0.93 - 6.8 | 0.6/20.7  | 43105 |
| 2000 TR <sub>59</sub>  | 2008 09 20.1 | 23 50.78 -22 29.0 18.1 | -0.68 - 8.5 | 9.5/11.3  | 19530 |
| 2004 OE <sub>9</sub>   | 2008 09 20.1 | 23 50.79 -00 21.1 18.7 | -0.86 - 4.6 | 0.3/20.4  | 43203 |
| 2006 BV <sub>11</sub>  | 2008 09 20.1 | 23 50.80 -04 39.2 20.8 | -0.89 - 6.3 | 1.3/19.0  | 38084 |
| 2005 YX <sub>143</sub> | 2008 09 20.1 | 23 50.80 -07 55.8 18.3 | -0.79 - 6.0 | 3.3/17.8  | 43248 |
| 2008 QP <sub>31</sub>  | 2008 09 20.1 | 23 50.81 +09 55.7 18.3 | -0.61 - 9.9 | 4.8/24.6  | 43005 |
| 2001 QH <sub>272</sub> | 2008 09 20.1 | 23 50.83 +02 47.0 18.5 | -1.06 - 0.1 | 1.9/21.2  | 42587 |
| 2007 GS <sub>51</sub>  | 2008 09 20.1 | 23 50.83 -00 55.4 20.7 | -0.86 - 8.4 | 0.0/20.2  | 43280 |
| 2004 MH <sub>8</sub>   | 2008 09 20.1 | 23 50.85 -01 00.7 18.2 | -1.20 + 0.6 | 0.0/20.2  | 43202 |
| 2005 UY <sub>353</sub> | 2008 09 20.2 | 23 50.77 +09 43.1 19.4 | -0.98 - 6.3 | 4.1/23.7  | 43240 |
| 2004 PQ <sub>55</sub>  | 2008 09 20.2 | 23 50.86 -05 39.4 19.3 | -0.94 - 4.5 | 2.0/18.8  | 42703 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 AU <sub>74</sub>  | 2008 09 20.2 | 23 50.89 +23 42.3 20.5 | -0.75 - 3.9 | 5.7/29.4  | 21853 |
| 2000 OB <sub>35</sub>  | 2008 09 20.2 | 23 50.89 -12 35.3 18.9 | -0.73 -11.1 | 4.9/15.7  | 43106 |
| 2003 SA <sub>178</sub> | 2008 09 20.2 | 23 50.90 +04 32.7 18.8 | -0.83 - 3.1 | 1.8/22.0  | 43180 |
| 2006 EF <sub>35</sub>  | 2008 09 20.2 | 23 50.90 -05 46.8 19.0 | -0.81 - 5.1 | 1.8/18.6  | 43264 |
| 2006 AF <sub>29</sub>  | 2008 09 20.2 | 23 50.93 +01 02.3 19.8 | -0.94 - 5.3 | 0.8/20.9  | 43251 |
| 2005 YP <sub>20</sub>  | 2008 09 20.2 | 23 50.93 -09 06.3 21.8 | -0.85 - 5.6 | 2.5/17.5  | 28235 |
| 2003 UM <sub>398</sub> | 2008 09 20.2 | 23 50.99 -23 07.3 21.4 | -0.73 - 4.7 | 5.8/12.2  | 41802 |
| 2002 EA <sub>68</sub>  | 2008 09 20.2 | 23 51.02 -00 03.6 20.4 | -0.92 - 4.9 | 0.3/20.5  | 43150 |
| 2001 FV <sub>158</sub> | 2008 09 20.2 | 23 51.03 -08 50.0 19.4 | -0.85 - 2.0 | 2.5/17.9  | 97437 |
| 2005 YY <sub>150</sub> | 2008 09 20.2 | 23 51.05 +19 30.8 20.5 | -1.04 - 2.2 | 7.6/26.5  | 98059 |
| 1999 QT                | 2008 09 20.2 | 23 51.10 +03 19.2 19.5 | -0.88 - 3.6 | 1.5/21.6  | 43096 |
| 2001 FO <sub>84</sub>  | 2008 09 20.2 | 23 51.10 -04 40.0 19.5 | -0.89 - 2.0 | 1.2/19.2  | 43119 |
| 2003 MH <sub>2</sub>   | 2008 09 20.2 | 23 51.11 -44 27.4 19.2 | -0.92 - 7.7 | 13.9/03.0 | 43173 |
| 2004 TH <sub>161</sub> | 2008 09 20.2 | 23 51.12 +05 58.8 21.0 | -0.82 - 6.8 | 2.2/22.7  | 00812 |
| 2003 SO <sub>306</sub> | 2008 09 20.2 | 23 51.13 +01 59.4 19.4 | -0.88 - 1.7 | 1.0/21.2  | 43183 |
| 2003 UD <sub>218</sub> | 2008 09 20.2 | 23 51.14 +02 14.4 18.4 | -0.67 - 8.5 | 1.1/21.5  | 43190 |
| 2004 YT <sub>13</sub>  | 2008 09 20.2 | 23 51.14 +14 38.9 18.6 | -0.82 - 3.4 | 5.4/25.5  | 43227 |
| 2006 AU <sub>93</sub>  | 2008 09 20.2 | 23 51.20 +09 56.9 19.2 | -0.99 - 1.1 | 3.8/23.4  | 43252 |
| 2005 US <sub>291</sub> | 2008 09 20.2 | 23 51.20 +08 19.2 19.1 | -0.93 - 7.1 | 4.3/23.5  | 42778 |
| 2002 TX <sub>133</sub> | 2008 09 20.3 | 23 51.11 -02 07.7 18.9 | -0.80 - 1.6 | 0.3/20.0  | 43164 |
| 2004 XB <sub>2</sub>   | 2008 09 20.3 | 23 51.12 -11 02.3 19.3 | -0.96 - 2.3 | 3.8/17.3  | 43224 |
| 2005 UH <sub>509</sub> | 2008 09 20.3 | 23 51.14 +02 27.7 19.9 | -0.93 - 6.2 | 1.3/21.4  | 43241 |
| 2005 EB <sub>202</sub> | 2008 09 20.3 | 23 51.18 -37 34.4 21.1 | -0.98 - 0.6 | 9.2/07.2  | 76957 |
| 2005 CX <sub>26</sub>  | 2008 09 20.3 | 23 51.23 +06 03.3 20.8 | -0.79 - 3.0 | 1.9/22.6  | 76662 |
| 2002 QO <sub>77</sub>  | 2008 09 20.3 | 23 51.23 +09 48.0 18.9 | -0.91 - 0.7 | 3.4/23.4  | 43160 |
| 2007 EM <sub>204</sub> | 2008 09 20.3 | 23 51.25 -09 29.7 19.9 | -0.90 - 8.0 | 3.4/17.4  | 43277 |
| 1999 FZ <sub>79</sub>  | 2008 09 20.3 | 23 51.26 -07 39.4 20.2 | -0.88 - 7.9 | 2.6/18.0  | 43096 |
| 2004 TY <sub>196</sub> | 2008 09 20.3 | 23 51.28 +00 51.7 20.2 | -0.84 - 5.6 | 0.7/20.9  | 43217 |
| 2001 XD <sub>186</sub> | 2008 09 20.3 | 23 51.28 -05 13.8 19.3 | -0.89 - 7.4 | 1.8/18.9  | 43140 |
| 1998 HP <sub>73</sub>  | 2008 09 20.3 | 23 51.43 -09 39.4 21.0 | -0.85 - 5.0 | 2.6/17.5  | 97335 |
| 2006 FO <sub>37</sub>  | 2008 09 20.3 | 23 51.46 -11 02.8 20.2 | -0.85 - 2.0 | 2.6/17.3  | 01542 |
| 2001 WZ <sub>99</sub>  | 2008 09 20.3 | 23 51.47 -01 07.2 20.2 | -0.91 - 6.6 | 0.1/20.3  | 02051 |
| 2005 YL <sub>66</sub>  | 2008 09 20.3 | 23 51.50 -04 30.7 20.2 | -0.95 - 4.8 | 1.7/19.3  | 42788 |
| 2005 UG <sub>508</sub> | 2008 09 20.3 | 23 51.54 -01 30.0 19.3 | -0.83 - 4.4 | 0.2/20.2  | 43241 |
| 2001 SZ <sub>327</sub> | 2008 09 20.4 | 23 51.47 -12 25.8 18.9 | -1.00 - 1.0 | 5.6/17.1  | 33927 |
| 2004 HJ <sub>60</sub>  | 2008 09 20.4 | 23 51.49 -05 32.9 19.5 | -1.08 - 2.9 | 2.0/19.1  | 43200 |
| 2005 AN <sub>25</sub>  | 2008 09 20.4 | 23 51.51 -12 27.1 20.2 | -0.73 - 5.4 | 3.3/16.4  | 77801 |
| 2003 MO <sub>5</sub>   | 2008 09 20.4 | 23 51.55 +22 26.1 18.5 | -0.87 - 3.8 | 9.0/29.0  | 43173 |
| 2000 CS <sub>17</sub>  | 2008 09 20.4 | 23 51.55 -06 51.0 20.1 | -0.93 - 8.2 | 2.2/18.4  | 21755 |
| 2003 SO <sub>51</sub>  | 2008 09 20.4 | 23 51.55 -12 36.3 19.4 | -0.89 - 1.4 | 4.1/17.0  | 97670 |
| 2007 HB <sub>16</sub>  | 2008 09 20.4 | 23 51.57 -04 51.4 20.6 | -0.82 - 6.0 | 1.3/19.1  | 43281 |
| 2006 DV <sub>102</sub> | 2008 09 20.4 | 23 51.58 -01 48.8 21.1 | -0.73 - 5.1 | 0.2/20.1  | 02296 |
| 2007 GA <sub>39</sub>  | 2008 09 20.4 | 23 51.60 -03 03.6 19.9 | -0.83 - 6.3 | 0.7/19.7  | 43280 |
| 1999 VM <sub>62</sub>  | 2008 09 20.4 | 23 51.61 -06 32.4 19.7 | -0.84 - 4.1 | 2.0/18.6  | 01985 |
| 2007 LR <sub>11</sub>  | 2008 09 20.4 | 23 51.63 -11 57.5 20.6 | -0.83 - 5.1 | 3.8/16.8  | 21252 |
| 2005 SL <sub>184</sub> | 2008 09 20.4 | 23 51.64 +02 28.7 19.6 | -0.99 - 6.8 | 1.6/21.5  | 43233 |
| 2000 WZ <sub>153</sub> | 2008 09 20.4 | 23 51.65 +23 53.8 18.1 | -0.95 - 1.2 | 10.6/28.5 | 43115 |
| 2006 DW <sub>93</sub>  | 2008 09 20.4 | 23 51.66 -01 58.1 20.5 | -0.80 - 2.5 | 0.3/20.1  | 42803 |
| 2005 YJ <sub>8</sub>   | 2008 09 20.4 | 23 51.67 +19 55.7 20.2 | -0.92 - 3.9 | 6.6/27.4  | 96666 |
| 2805 P-L               | 2008 09 20.4 | 23 51.69 +02 23.8 19.1 | -0.66 - 8.9 | 1.1/21.7  | 43320 |
| 2000 WU <sub>101</sub> | 2008 09 20.4 | 23 51.69 +01 02.6 18.2 | -0.76 - 7.6 | 0.8/21.1  | 43114 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 1997 WJ <sub>11</sub>  | 2008 09 20.4 | 23 51.69 -06 49.8 20.3 | -0.97 - 5.0 | 2.3/18.6 | 97332 |
| 2003 WC <sub>84</sub>  | 2008 09 20.4 | 23 51.69 -14 58.7 19.3 | -1.04 + 0.5 | 4.3/16.6 | 77746 |
| 2001 US <sub>141</sub> | 2008 09 20.4 | 23 51.73 +03 16.5 19.6 | -0.88 - 7.8 | 1.5/21.9 | 42599 |
| 2005 YO <sub>12</sub>  | 2008 09 20.4 | 23 51.73 +01 34.8 20.5 | -0.91 - 5.8 | 0.8/21.3 | 43246 |
| 2006 BV <sub>179</sub> | 2008 09 20.4 | 23 51.74 -09 19.3 20.2 | -0.78 - 6.7 | 2.8/17.5 | 26129 |
| 2002 GH <sub>182</sub> | 2008 09 20.4 | 23 51.74 +03 26.0 20.4 | -0.74 -10.3 | 1.4/22.1 | 42613 |
| 2001 YC <sub>54</sub>  | 2008 09 20.4 | 23 51.77 -04 56.1 19.6 | -0.96 - 5.1 | 1.6/19.2 | 43141 |
| 2006 DV <sub>8</sub>   | 2008 09 20.4 | 23 51.77 -14 13.1 21.1 | -0.83 - 4.1 | 3.7/16.1 | 02287 |
| 2007 EP <sub>99</sub>  | 2008 09 20.4 | 23 51.78 -00 02.4 19.4 | -0.98 - 2.8 | 0.3/20.7 | 42876 |
| 2006 BF <sub>253</sub> | 2008 09 20.4 | 23 51.79 -00 12.5 20.7 | -0.83 - 5.5 | 0.2/20.7 | 42799 |
| 2002 ET <sub>118</sub> | 2008 09 20.4 | 23 51.80 -00 58.3 20.7 | -0.45 - 4.4 | 0.0/20.5 | 85470 |
| 2002 QJ <sub>40</sub>  | 2008 09 20.4 | 23 51.80 -10 31.7 18.8 | -0.71 - 5.4 | 3.2/17.1 | 43159 |
| 2003 UG <sub>229</sub> | 2008 09 20.4 | 23 51.82 +01 35.4 18.9 | -0.79 - 3.5 | 0.9/21.3 | 43191 |
| 2000 WX <sub>11</sub>  | 2008 09 20.4 | 23 51.83 -20 10.2 20.3 | -1.04 - 0.8 | 7.0/15.0 | 20739 |
| 2000 HF <sub>39</sub>  | 2008 09 20.4 | 23 51.83 -05 29.8 20.9 | -0.97 - 5.3 | 1.7/19.0 | 20247 |
| 2007 FB <sub>26</sub>  | 2008 09 20.4 | 23 51.86 -02 39.7 19.4 | -0.79 -10.2 | 0.7/19.8 | 43278 |
| 2006 EP <sub>18</sub>  | 2008 09 20.4 | 23 51.86 -00 51.2 20.7 | -0.87 - 1.7 | 0.0/20.5 | 43264 |
| 2006 DD <sub>8</sub>   | 2008 09 20.4 | 23 51.86 -04 31.2 20.5 | -0.75 - 3.7 | 1.0/19.3 | 43259 |
| 1999 AF <sub>32</sub>  | 2008 09 20.4 | 23 51.89 -12 50.8 20.0 | -0.89 - 7.3 | 4.9/16.3 | 43096 |
| 2006 DE <sub>157</sub> | 2008 09 20.4 | 23 51.89 -07 05.9 20.3 | -0.69 - 7.0 | 1.8/18.2 | 01427 |
| 2007 HE <sub>17</sub>  | 2008 09 20.4 | 23 51.89 -03 24.1 20.0 | -0.82 - 6.6 | 0.8/19.6 | 43281 |
| 2004 PU <sub>81</sub>  | 2008 09 20.4 | 23 51.91 +00 58.8 18.5 | -0.98 - 2.3 | 0.8/21.0 | 43205 |
| 2007 DE <sub>105</sub> | 2008 09 20.4 | 23 51.91 -00 48.0 20.8 | -0.94 - 8.2 | 0.0/20.5 | 43274 |
| 2006 HC <sub>19</sub>  | 2008 09 20.5 | 23 51.82 -09 20.1 21.0 | -0.72 - 4.2 | 2.2/17.6 | 01631 |
| 2000 VS <sub>3</sub>   | 2008 09 20.5 | 23 51.84 +04 07.0 19.8 | -0.83 - 7.4 | 2.0/22.2 | 43113 |
| 2006 BD <sub>31</sub>  | 2008 09 20.5 | 23 51.86 -05 12.3 20.9 | -0.91 - 6.0 | 1.6/19.1 | 97000 |
| 2002 RK <sub>73</sub>  | 2008 09 20.5 | 23 51.87 +08 57.0 18.7 | -0.90 - 0.7 | 3.3/23.0 | 43161 |
| 2007 CL <sub>49</sub>  | 2008 09 20.5 | 23 51.89 -02 54.4 20.9 | -0.92 - 9.6 | 0.8/19.8 | 43272 |
| 2002 AT <sub>202</sub> | 2008 09 20.5 | 23 51.93 +19 53.4 19.4 | -0.96 - 3.2 | 7.1/27.5 | 43144 |
| 2007 FW <sub>21</sub>  | 2008 09 20.5 | 23 51.94 -05 06.5 19.9 | -0.98 - 2.8 | 1.6/19.3 | 43278 |
| 2001 QC <sub>35</sub>  | 2008 09 20.5 | 23 51.99 +07 32.4 17.7 | -0.75 - 0.1 | 4.9/23.1 | 43122 |
| 2005 XF <sub>115</sub> | 2008 09 20.5 | 23 51.99 -01 52.3 20.1 | -0.74 - 6.0 | 0.3/20.2 | 43246 |
| 2006 BR <sub>178</sub> | 2008 09 20.5 | 23 52.00 +00 51.5 19.4 | -0.92 - 4.4 | 0.8/21.1 | 43256 |
| 2007 HW <sub>21</sub>  | 2008 09 20.5 | 23 52.04 -01 49.1 20.4 | -0.82 - 6.5 | 0.4/20.2 | 43281 |
| 2003 CN <sub>14</sub>  | 2008 09 20.5 | 23 52.07 -13 36.6 20.3 | -0.94 - 7.4 | 5.1/16.2 | 20775 |
| 1999 XG <sub>233</sub> | 2008 09 20.5 | 23 52.09 -14 29.5 17.1 | -0.58 - 9.0 | 6.1/15.0 | 43102 |
| 2001 SS <sub>150</sub> | 2008 09 20.5 | 23 52.09 +03 25.6 18.6 | -0.94 - 3.1 | 2.1/21.8 | 43127 |
| 2006 BD <sub>278</sub> | 2008 09 20.5 | 23 52.12 +03 26.2 20.9 | -0.83 - 4.5 | 1.4/22.0 | 42799 |
| 2003 WU <sub>70</sub>  | 2008 09 20.5 | 23 52.14 +30 23.9 19.6 | -0.83 - 2.7 | 8.6/01.9 | 21806 |
| 2005 XN <sub>41</sub>  | 2008 09 20.5 | 23 52.16 -04 41.5 20.3 | -0.96 - 7.8 | 1.6/19.3 | 43245 |
| 2005 TU <sub>165</sub> | 2008 09 20.5 | 23 52.16 +02 06.9 19.8 | -0.89 - 6.4 | 1.5/21.6 | 42772 |
| 2000 DG <sub>78</sub>  | 2008 09 20.5 | 23 52.19 +00 48.2 18.9 | -0.92 - 8.2 | 0.7/21.1 | 43103 |
| 2005 YY <sub>126</sub> | 2008 09 20.5 | 23 52.20 -10 34.6 20.2 | -0.99 - 5.9 | 4.2/17.4 | 98054 |
| 2004 XQ <sub>120</sub> | 2008 09 20.5 | 23 52.21 +03 21.1 19.4 | -0.85 - 4.2 | 1.7/21.9 | 42733 |
| 2004 RT <sub>316</sub> | 2008 09 20.5 | 23 52.26 +03 09.4 19.3 | -0.86 - 3.9 | 1.8/21.9 | 43212 |
| 1998 OP <sub>13</sub>  | 2008 09 20.6 | 23 52.19 -07 43.6 18.0 | -0.72 - 9.5 | 3.4/18.0 | 43094 |
| 2003 UT <sub>97</sub>  | 2008 09 20.6 | 23 52.21 -06 40.0 19.8 | -0.80 - 3.4 | 1.8/18.7 | 43187 |
| 2002 FJ <sub>22</sub>  | 2008 09 20.6 | 23 52.25 -19 46.7 20.3 | -0.90 - 3.1 | 5.7/14.6 | 94719 |
| 2000 GT <sub>110</sub> | 2008 09 20.6 | 23 52.27 +01 46.5 19.9 | -0.98 - 5.1 | 0.9/21.4 | 43105 |
| 2005 YH <sub>198</sub> | 2008 09 20.6 | 23 52.27 -06 16.5 19.9 | -0.85 - 5.6 | 2.1/18.8 | 22806 |
| 2004 XY <sub>162</sub> | 2008 09 20.6 | 23 52.28 +19 28.8 18.8 | -0.92 - 0.9 | 8.8/27.0 | 43227 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 EF <sub>42</sub>  | 2008 09 20.6 | 23 52.28 +00 33.1 19.7 | -0.66 - 8.7 | 0.4/21.1  | 43104 |
| 2001 XF <sub>79</sub>  | 2008 09 20.6 | 23 52.31 +01 11.7 20.2 | -0.91 - 6.0 | 0.7/21.3  | 43139 |
| 2004 VR <sub>46</sub>  | 2008 09 20.6 | 23 52.31 -28 32.8 18.8 | -0.91 + 0.1 | 12.0/11.9 | 74433 |
| 2006 EQ <sub>65</sub>  | 2008 09 20.6 | 23 52.31 +02 58.1 20.2 | -0.69 - 7.0 | 1.1/22.0  | 43265 |
| 2000 EJ <sub>9</sub>   | 2008 09 20.6 | 23 52.36 -05 44.5 19.7 | -0.93 - 8.2 | 2.0/19.0  | 43104 |
| 2005 UV <sub>464</sub> | 2008 09 20.6 | 23 52.37 -05 32.7 20.5 | -0.95 - 7.1 | 1.8/19.1  | 43241 |
| 2001 UX <sub>147</sub> | 2008 09 20.6 | 23 52.43 -00 01.2 19.1 | -0.85 - 8.6 | 0.3/20.9  | 43134 |
| 2007 LN <sub>19</sub>  | 2008 09 20.6 | 23 52.44 +17 08.0 19.8 | -0.86 - 5.8 | 5.7/27.0  | 31532 |
| 2003 UZ <sub>204</sub> | 2008 09 20.6 | 23 52.47 +19 10.4 19.1 | -0.84 - 2.6 | 6.6/27.3  | 43190 |
| 2005 UZ <sub>49</sub>  | 2008 09 20.6 | 23 52.55 +03 27.7 19.0 | -0.97 - 5.7 | 2.0/22.0  | 43236 |
| 2007 JS <sub>36</sub>  | 2008 09 20.6 | 23 52.55 -03 30.2 21.8 | -0.96 - 5.1 | 0.9/19.8  | 20888 |
| 2007 ES <sub>184</sub> | 2008 09 20.6 | 23 52.56 -32 15.8 21.1 | -1.00 - 5.8 | 9.5/09.4  | 22883 |
| 2004 HA <sub>47</sub>  | 2008 09 20.6 | 23 52.57 -10 44.6 20.0 | -1.08 - 2.9 | 4.2/17.9  | 97707 |
| 2002 GP <sub>11</sub>  | 2008 09 20.6 | 23 52.58 -17 22.4 20.7 | -0.82 - 5.0 | 4.6/15.0  | 43152 |
| 2007 FE <sub>39</sub>  | 2008 09 20.6 | 23 52.59 +16 19.2 19.3 | -0.81 - 7.8 | 5.4/27.2  | 43278 |
| 2005 UY <sub>293</sub> | 2008 09 20.6 | 23 52.60 +06 02.4 20.1 | -0.96 - 6.3 | 2.6/23.0  | 43239 |
| 2007 GO <sub>24</sub>  | 2008 09 20.6 | 23 52.61 -16 03.3 20.4 | -0.83 - 3.9 | 4.7/15.8  | 22886 |
| 2006 CU <sub>40</sub>  | 2008 09 20.6 | 23 52.63 -03 39.1 20.7 | -0.90 - 3.0 | 1.0/19.8  | 42800 |
| 2004 FH <sub>128</sub> | 2008 09 20.6 | 23 52.64 +01 28.2 18.4 | -1.01 - 2.9 | 1.1/21.4  | 43200 |
| 2005 UB <sub>297</sub> | 2008 09 20.7 | 23 52.55 -04 58.6 20.5 | -0.95 - 5.3 | 1.4/19.4  | 43239 |
| 2006 AH <sub>54</sub>  | 2008 09 20.7 | 23 52.56 +01 27.4 20.7 | -0.92 - 7.1 | 1.0/21.5  | 43251 |
| 2005 AQ <sub>77</sub>  | 2008 09 20.7 | 23 52.56 -12 04.2 19.9 | -0.76 - 5.5 | 3.4/16.8  | 43228 |
| 2003 SO <sub>236</sub> | 2008 09 20.7 | 23 52.56 +00 45.0 19.6 | -0.66 - 9.8 | 0.6/21.3  | 43181 |
| 2002 HD                | 2008 09 20.7 | 23 52.57 -40 55.0 22.1 | -1.16 - 1.2 | 10.4/06.1 | 18010 |
| 2003 EP <sub>62</sub>  | 2008 09 20.7 | 23 52.58 -00 38.1 21.5 | -0.89 - 6.4 | 0.1/20.8  | 20302 |
| 1999 XB <sub>150</sub> | 2008 09 20.7 | 23 52.61 +02 13.7 20.6 | -0.80 - 5.6 | 1.1/21.7  | 72042 |
| 1999 TM <sub>44</sub>  | 2008 09 20.7 | 23 52.61 +01 43.8 19.9 | -0.84 - 4.4 | 0.9/21.5  | 43098 |
| 2002 CF <sub>31</sub>  | 2008 09 20.7 | 23 52.68 -04 38.1 20.4 | -0.91 - 4.2 | 1.2/19.5  | 43145 |
| 2004 TK <sub>309</sub> | 2008 09 20.7 | 23 52.70 +06 31.4 19.7 | -0.91 - 3.2 | 3.0/23.0  | 43220 |
| 2001 YD <sub>127</sub> | 2008 09 20.7 | 23 52.70 -01 55.8 18.9 | -0.96 - 3.9 | 0.4/20.4  | 43142 |
| 2006 HC <sub>33</sub>  | 2008 09 20.7 | 23 52.73 -03 33.1 20.7 | -0.75 - 4.7 | 0.8/19.8  | 01648 |
| 2003 SR <sub>255</sub> | 2008 09 20.7 | 23 52.75 +15 13.1 18.9 | -0.91 -20.7 | 6.7/27.5  | 39732 |
| 2004 VF <sub>44</sub>  | 2008 09 20.7 | 23 52.75 -02 23.0 19.4 | -0.79 - 6.5 | 0.6/20.2  | 43222 |
| 2004 XK <sub>129</sub> | 2008 09 20.7 | 23 52.76 -21 50.1 19.4 | -0.82 - 3.5 | 6.6/13.5  | 43226 |
| 2006 AD <sub>80</sub>  | 2008 09 20.7 | 23 52.79 -13 20.1 20.7 | -0.68 - 7.7 | 3.2/16.1  | 02270 |
| 2007 EU <sub>20</sub>  | 2008 09 20.7 | 23 52.85 -06 41.3 20.4 | -0.94 - 6.4 | 2.2/18.8  | 22880 |
| 2000 SO <sub>240</sub> | 2008 09 20.7 | 23 52.87 +32 40.5 17.8 | -0.84 -13.0 | 15.2/06.5 | 17921 |
| 2007 CO <sub>38</sub>  | 2008 09 20.7 | 23 52.89 -02 46.6 20.1 | -0.93 - 6.7 | 0.7/20.1  | 19698 |
| 2005 UB <sub>106</sub> | 2008 09 20.7 | 23 52.90 -08 01.3 19.9 | -0.95 - 5.9 | 2.7/18.5  | 19661 |
| 2003 BT <sub>83</sub>  | 2008 09 20.7 | 23 52.93 -06 49.7 19.2 | -1.04 - 3.7 | 2.4/19.0  | 18041 |
| 2005 WD <sub>180</sub> | 2008 09 20.7 | 23 52.94 -10 42.9 20.2 | -1.01 - 4.2 | 3.6/17.7  | 96572 |
| 2007 EK <sub>177</sub> | 2008 09 20.7 | 23 52.95 +05 09.3 20.1 | -0.89 - 7.2 | 2.2/23.0  | 43277 |
| 2007 EG <sub>11</sub>  | 2008 09 20.7 | 23 52.96 -01 24.6 21.8 | -0.96 - 5.1 | 0.2/20.6  | 20851 |
| 2004 TX <sub>339</sub> | 2008 09 20.7 | 23 52.96 -00 04.5 19.4 | -0.83 - 6.7 | 0.2/21.0  | 43220 |
| 2005 YS <sub>199</sub> | 2008 09 20.7 | 23 52.97 +15 53.6 20.0 | -0.91 - 3.5 | 5.2/26.2  | 96840 |
| 2003 OW <sub>32</sub>  | 2008 09 20.8 | 23 52.91 +03 23.7 19.6 | -0.82 - 4.8 | 1.4/22.2  | 43173 |
| 2006 FY <sub>11</sub>  | 2008 09 20.8 | 23 52.97 -01 30.8 20.1 | -0.67 - 7.8 | 0.2/20.5  | 43265 |
| 2002 CE <sub>162</sub> | 2008 09 20.8 | 23 53.00 -17 26.0 20.6 | -0.82 - 6.6 | 5.2/14.9  | 21312 |
| 2007 DZ <sub>62</sub>  | 2008 09 20.8 | 23 53.00 -10 28.3 19.7 | -0.94 - 7.1 | 4.2/17.6  | 20539 |
| 2004 LD <sub>22</sub>  | 2008 09 20.8 | 23 53.05 +00 41.3 18.8 | -0.97 - 4.1 | 0.6/21.3  | 43201 |
| 2003 WT <sub>96</sub>  | 2008 09 20.8 | 23 53.05 -46 08.0 19.7 | -1.20 + 5.0 | 16.8/05.4 | 40377 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 NE <sub>44</sub>  | 2008 09 20.8 | 23 53.10 +25 23.2 18.8 | -0.86 - 1.6 | 9.7/30.1  | 43156 |
| 2004 TE <sub>204</sub> | 2008 09 20.8 | 23 53.10 +01 13.3 19.9 | -0.83 - 4.9 | 0.7/21.5  | 40390 |
| 2004 SC <sub>26</sub>  | 2008 09 20.8 | 23 53.12 -25 21.7 20.0 | -1.01 - 0.5 | 9.9/13.3  | 43213 |
| 2006 DN <sub>84</sub>  | 2008 09 20.8 | 23 53.15 -02 24.7 19.3 | -0.76 -11.4 | 0.6/20.2  | 43261 |
| 2003 FP <sub>40</sub>  | 2008 09 20.8 | 23 53.16 -10 56.3 19.4 | -0.89 - 7.8 | 3.8/17.3  | 94948 |
| 2006 DH <sub>138</sub> | 2008 09 20.8 | 23 53.16 -07 17.8 19.9 | -0.83 - 5.4 | 2.4/18.7  | 22812 |
| 2003 CP <sub>5</sub>   | 2008 09 20.8 | 23 53.21 +03 57.5 21.1 | -0.64 - 2.9 | 1.0/22.4  | 42635 |
| 2002 NO <sub>45</sub>  | 2008 09 20.8 | 23 53.24 +16 09.6 19.2 | -0.81 - 3.7 | 5.5/26.7  | 72673 |
| 2004 EA <sub>16</sub>  | 2008 09 20.8 | 23 53.25 -01 15.6 20.0 | -0.57 - 5.1 | 0.1/20.7  | 43198 |
| 2006 AP <sub>75</sub>  | 2008 09 20.8 | 23 53.28 +03 41.9 22.1 | -0.86 - 5.2 | 1.4/22.3  | 96954 |
| 2006 BS <sub>45</sub>  | 2008 09 20.8 | 23 53.31 +04 19.3 19.9 | -0.85 - 3.8 | 1.8/22.5  | 43253 |
| 2005 XY <sub>19</sub>  | 2008 09 20.8 | 23 53.33 +03 08.3 19.7 | -0.94 - 5.9 | 1.6/22.1  | 43245 |
| 2005 VV <sub>32</sub>  | 2008 09 20.8 | 23 53.35 +13 44.6 20.5 | -0.91 - 7.6 | 5.0/25.9  | 09440 |
| 2000 SJ <sub>21</sub>  | 2008 09 20.8 | 23 53.38 +02 14.0 18.7 | -1.66 + 5.4 | 1.5/21.4  | 43108 |
| 2003 UW <sub>74</sub>  | 2008 09 20.9 | 23 53.26 +11 35.6 19.7 | -0.80 - 4.1 | 3.9/25.0  | 43187 |
| 2001 XD <sub>212</sub> | 2008 09 20.9 | 23 53.28 -04 16.1 18.7 | -0.76 - 8.2 | 1.7/19.6  | 43140 |
| 2000 WC <sub>109</sub> | 2008 09 20.9 | 23 53.29 -19 32.1 19.9 | -1.00 - 2.6 | 6.4/15.0  | 02019 |
| 2004 SA <sub>51</sub>  | 2008 09 20.9 | 23 53.29 +02 01.4 19.9 | -0.84 - 6.7 | 1.0/21.8  | 43213 |
| 2003 UR <sub>35</sub>  | 2008 09 20.9 | 23 53.31 -14 42.1 18.4 | -0.67 - 9.6 | 4.7/15.4  | 43186 |
| 2002 FB <sub>1</sub>   | 2008 09 20.9 | 23 53.32 -06 14.7 19.8 | -0.75 - 8.9 | 1.7/18.9  | 43152 |
| 2001 UO <sub>134</sub> | 2008 09 20.9 | 23 53.35 -03 14.0 19.5 | -0.95 - 5.2 | 1.1/20.1  | 43134 |
| 2003 BM <sub>27</sub>  | 2008 09 20.9 | 23 53.37 +11 57.7 20.2 | -1.00 - 4.2 | 4.4/24.9  | 43167 |
| 2007 GB <sub>50</sub>  | 2008 09 20.9 | 23 53.39 -06 09.7 20.6 | -0.96 - 6.2 | 2.0/19.2  | 20614 |
| 2004 TO <sub>356</sub> | 2008 09 20.9 | 23 53.40 -21 36.8 19.7 | -0.99 - 3.6 | 7.5/13.9  | 22780 |
| 2005 EU <sub>22</sub>  | 2008 09 20.9 | 23 53.40 -05 39.7 20.2 | -0.68 -10.0 | 1.5/19.0  | 43230 |
| 2006 BM <sub>45</sub>  | 2008 09 20.9 | 23 53.44 -01 20.9 19.7 | -0.75 - 5.6 | 0.2/20.7  | 43253 |
| 2001 DQ <sub>55</sub>  | 2008 09 20.9 | 23 53.44 +04 54.8 20.7 | -0.54 - 2.2 | 1.1/22.9  | 42583 |
| 2006 DF <sub>25</sub>  | 2008 09 20.9 | 23 53.45 -08 27.3 20.5 | -0.69 - 8.0 | 2.1/18.1  | 02288 |
| 2003 WS <sub>17</sub>  | 2008 09 20.9 | 23 53.47 -26 58.1 18.6 | -0.71 - 5.4 | 9.7/10.6  | 43193 |
| 2007 EJ <sub>104</sub> | 2008 09 20.9 | 23 53.49 -01 47.9 19.8 | -1.10 + 0.4 | 0.5/20.7  | 43276 |
| 2001 WC <sub>55</sub>  | 2008 09 20.9 | 23 53.49 +08 59.6 18.6 | -0.87 - 7.8 | 3.8/24.4  | 43137 |
| 2007 JH <sub>42</sub>  | 2008 09 20.9 | 23 53.50 -26 16.4 18.6 | -0.68 - 9.1 | 8.4/10.4  | 43284 |
| 2003 UQ <sub>304</sub> | 2008 09 20.9 | 23 53.54 +13 48.4 20.4 | -0.73 - 4.6 | 3.7/26.1  | 21336 |
| 2001 AO <sub>12</sub>  | 2008 09 20.9 | 23 53.57 +18 14.9 18.4 | -0.90 - 3.4 | 6.9/27.1  | 43117 |
| 2007 FL <sub>32</sub>  | 2008 09 20.9 | 23 53.57 -00 11.1 20.9 | -0.84 - 7.3 | 0.2/21.1  | 43278 |
| 2004 KV <sub>9</sub>   | 2008 09 20.9 | 23 53.58 +18 49.0 19.2 | -0.95 - 8.4 | 8.1/28.4  | 43201 |
| 2005 EJ <sub>45</sub>  | 2008 09 20.9 | 23 53.61 -00 15.7 20.5 | -0.72 - 4.9 | 0.1/21.1  | 43230 |
| 2007 PH <sub>37</sub>  | 2008 09 20.9 | 23 53.63 +19 51.9 18.3 | -0.58 - 1.4 | 3.8/28.2  | 30253 |
| 2000 XQ <sub>43</sub>  | 2008 09 20.9 | 23 53.63 +05 36.1 18.8 | -1.02 - 0.7 | 2.2/22.7  | 43116 |
| 2005 AB <sub>35</sub>  | 2008 09 20.9 | 23 53.67 -13 54.9 20.1 | -0.73 - 6.4 | 3.8/16.2  | 76594 |
| 2007 EB <sub>161</sub> | 2008 09 20.9 | 23 53.68 +05 14.9 19.5 | -1.07 - 3.9 | 2.4/22.7  | 43277 |
| 2005 UB <sub>344</sub> | 2008 09 20.9 | 23 53.68 -02 05.1 20.1 | -1.06 - 4.2 | 0.6/20.6  | 43240 |
| 2007 GY <sub>59</sub>  | 2008 09 20.9 | 23 53.71 -06 30.7 20.3 | -1.03 - 3.6 | 2.2/19.3  | 20870 |
| 2001 TY <sub>24</sub>  | 2008 09 21.0 | 23 53.62 +02 54.5 19.1 | -0.98 - 3.1 | 1.6/22.1  | 43130 |
| 2004 TE <sub>194</sub> | 2008 09 21.0 | 23 53.64 +00 39.5 20.1 | -0.90 - 4.4 | 0.5/21.4  | 43217 |
| 2002 CM <sub>277</sub> | 2008 09 21.0 | 23 53.64 +02 53.4 20.3 | -0.90 - 4.7 | 1.3/22.1  | 43148 |
| 2002 NL <sub>5</sub>   | 2008 09 21.0 | 23 53.65 -22 39.8 18.7 | -0.69 - 8.6 | 7.9/11.8  | 69379 |
| 2007 PB <sub>9</sub>   | 2008 09 21.0 | 23 53.67 +24 35.0 18.7 | -0.62 - 1.0 | 4.9/30.0  | 43285 |
| 2002 DK <sub>12</sub>  | 2008 09 21.0 | 23 53.72 -22 38.1 19.7 | -0.85 - 4.5 | 6.7/13.6  | 43149 |
| 2003 TF <sub>59</sub>  | 2008 09 21.0 | 23 53.72 -09 47.5 19.8 | -0.83 - 2.8 | 3.0/18.2  | 42660 |
| 2001 XT <sub>102</sub> | 2008 09 21.0 | 23 53.72 +34 17.4 21.6 | -1.06 - 4.1 | 11.0/03.0 | 30575 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TN <sub>340</sub> | 2008 09 21.0 | 23 53.73 -23 15.8 20.7 | -0.93 - 4.1 | 8.0/13.2  | 73456 |
| 2002 EL <sub>113</sub> | 2008 09 21.0 | 23 53.73 -06 12.4 19.5 | -0.85 - 6.9 | 2.1/19.1  | 43151 |
| 2006 BY <sub>121</sub> | 2008 09 21.0 | 23 53.74 +03 30.1 19.5 | -0.84 - 4.1 | 1.5/22.4  | 43254 |
| 2001 WZ <sub>15</sub>  | 2008 09 21.0 | 23 53.76 +52 39.2 17.2 | -0.87 + 5.3 | 26.6/13.0 | 41774 |
| 2005 BL <sub>9</sub>   | 2008 09 21.0 | 23 53.76 -14 36.3 20.5 | -0.71 - 4.8 | 3.7/16.1  | 02241 |
| 2003 DO <sub>2</sub>   | 2008 09 21.0 | 23 53.79 +01 13.5 21.8 | -0.94 - 5.4 | 0.6/21.6  | 04252 |
| 2002 CV <sub>263</sub> | 2008 09 21.0 | 23 53.84 -05 22.0 21.5 | -0.81 - 6.6 | 1.5/19.4  | 21777 |
| 2002 TS <sub>50</sub>  | 2008 09 21.0 | 23 53.84 +16 34.6 19.3 | -0.66 - 6.5 | 4.7/27.5  | 43163 |
| 2006 DW <sub>48</sub>  | 2008 09 21.0 | 23 53.86 -04 07.8 21.6 | -0.81 - 6.6 | 1.1/19.9  | 02291 |
| 2002 AE <sub>66</sub>  | 2008 09 21.0 | 23 53.87 +02 37.6 20.8 | -0.84 - 5.7 | 1.0/22.2  | 43143 |
| 2006 BV <sub>222</sub> | 2008 09 21.0 | 23 53.90 -01 04.9 19.3 | -0.79 - 6.1 | 0.2/20.9  | 42798 |
| 2006 HR <sub>131</sub> | 2008 09 21.0 | 23 53.97 -01 49.9 18.8 | -0.67 - 8.5 | 0.4/20.6  | 42813 |
| 2005 YU <sub>25</sub>  | 2008 09 21.0 | 23 53.97 -03 23.8 21.4 | -0.91 - 6.3 | 1.0/20.2  | 96682 |
| 2001 FK <sub>25</sub>  | 2008 09 21.0 | 23 53.98 +02 40.8 19.3 | -1.00 + 0.2 | 1.0/22.0  | 43119 |
| 2006 BK <sub>190</sub> | 2008 09 21.0 | 23 53.98 -08 45.2 19.5 | -0.78 - 6.6 | 2.9/18.3  | 43256 |
| 2004 VZ <sub>52</sub>  | 2008 09 21.0 | 23 54.01 +17 11.0 19.1 | -0.77 - 8.0 | 6.7/27.8  | 42728 |
| 2001 FY <sub>2</sub>   | 2008 09 21.0 | 23 54.01 +03 02.6 20.1 | -0.77 - 6.6 | 1.0/22.4  | 43119 |
| 2004 RC <sub>218</sub> | 2008 09 21.1 | 23 53.99 +20 55.7 18.6 | -0.97 - 3.6 | 8.7/28.6  | 43210 |
| 2002 CX <sub>123</sub> | 2008 09 21.1 | 23 54.00 -01 58.6 20.9 | -0.86 - 6.2 | 0.5/20.7  | 43147 |
| 2006 DB <sub>189</sub> | 2008 09 21.1 | 23 54.01 -04 24.0 20.0 | -0.84 - 2.2 | 1.1/20.0  | 43263 |
| 2004 TJ <sub>224</sub> | 2008 09 21.1 | 23 54.01 +02 21.6 20.6 | -0.86 - 5.8 | 1.2/22.1  | 43218 |
| 2004 QW <sub>2</sub>   | 2008 09 21.1 | 23 54.02 -02 43.6 20.4 | -0.94 - 5.6 | 0.8/20.4  | 43206 |
| 2005 UY <sub>479</sub> | 2008 09 21.1 | 23 54.03 -53 12.1 20.5 | -1.44 - 0.8 | 17.3/03.0 | 96337 |
| 2005 BN <sub>23</sub>  | 2008 09 21.1 | 23 54.03 -02 30.3 19.6 | -0.75 - 3.8 | 0.6/20.5  | 43229 |
| 2002 RE <sub>255</sub> | 2008 09 21.1 | 23 54.04 -02 13.6 20.1 | -0.75 - 3.7 | 0.4/20.6  | 43163 |
| 2003 UV <sub>29</sub>  | 2008 09 21.1 | 23 54.07 +03 36.0 19.6 | -0.81 - 3.7 | 1.5/22.5  | 43186 |
| 2006 DX <sub>62</sub>  | 2008 09 21.1 | 23 54.07 -12 41.1 19.8 | -0.98 + 0.4 | 3.3/17.9  | 43260 |
| 2005 YC <sub>142</sub> | 2008 09 21.1 | 23 54.08 +07 53.2 20.6 | -0.96 - 4.2 | 3.3/23.8  | 98057 |
| 2005 XH <sub>32</sub>  | 2008 09 21.1 | 23 54.11 -07 32.0 20.2 | -0.94 - 5.8 | 2.5/18.9  | 96618 |
| 2001 SY <sub>34</sub>  | 2008 09 21.1 | 23 54.11 -01 56.7 18.4 | -0.72 -10.0 | 0.6/20.6  | 42589 |
| 2001 SZ <sub>325</sub> | 2008 09 21.1 | 23 54.13 +06 32.4 19.0 | -0.89 - 6.0 | 3.3/23.5  | 43129 |
| 2001 TY <sub>157</sub> | 2008 09 21.1 | 23 54.14 -06 59.7 18.6 | -0.79 - 7.4 | 3.0/18.9  | 43132 |
| 2001 XH <sub>120</sub> | 2008 09 21.1 | 23 54.14 -08 17.2 19.5 | -0.93 - 6.7 | 3.0/18.6  | 94357 |
| 2004 XA <sub>168</sub> | 2008 09 21.1 | 23 54.14 -10 20.3 19.9 | -0.73 - 4.3 | 2.6/17.9  | 02235 |
| 2004 TF <sub>326</sub> | 2008 09 21.1 | 23 54.15 +00 58.0 20.8 | -0.86 - 5.2 | 0.5/21.7  | 03643 |
| 2002 AP <sub>90</sub>  | 2008 09 21.1 | 23 54.16 +03 27.6 20.2 | -0.89 - 4.7 | 1.3/22.5  | 43143 |
| 2004 TC <sub>63</sub>  | 2008 09 21.1 | 23 54.20 +05 10.6 19.7 | -0.80 - 8.4 | 2.2/23.0  | 43215 |
| 2003 YA <sub>10</sub>  | 2008 09 21.1 | 23 54.20 +14 17.1 19.0 | -0.84 - 1.9 | 5.3/25.8  | 43196 |
| 2005 VT <sub>80</sub>  | 2008 09 21.1 | 23 54.22 -07 10.0 19.2 | -0.92 - 8.2 | 2.6/18.9  | 19668 |
| 2001 QK <sub>230</sub> | 2008 09 21.1 | 23 54.24 +05 43.8 18.0 | -0.77 -10.7 | 2.9/23.6  | 43123 |
| 2004 CH <sub>84</sub>  | 2008 09 21.1 | 23 54.27 -02 48.8 21.1 | -0.57 - 3.8 | 0.4/20.4  | 43198 |
| 2001 OZ <sub>53</sub>  | 2008 09 21.1 | 23 54.27 -33 43.8 19.1 | -0.91 - 8.5 | 13.0/08.0 | 43121 |
| 2006 HJ <sub>23</sub>  | 2008 09 21.1 | 23 54.27 -05 57.9 20.5 | -0.75 - 4.7 | 1.5/19.4  | 11168 |
| 2006 BQ <sub>253</sub> | 2008 09 21.1 | 23 54.29 +05 45.2 19.7 | -0.87 - 3.7 | 2.2/23.2  | 43257 |
| 2006 FN <sub>21</sub>  | 2008 09 21.1 | 23 54.39 -02 01.1 20.6 | -0.78 - 4.8 | 0.5/20.7  | 43265 |
| 2007 GF <sub>70</sub>  | 2008 09 21.1 | 23 54.39 -05 54.1 20.1 | -1.02 - 3.2 | 2.1/19.7  | 22888 |
| 2004 NK <sub>31</sub>  | 2008 09 21.2 | 23 54.33 -10 45.2 19.2 | -1.00 - 2.4 | 4.2/18.3  | 22774 |
| 2007 HD <sub>30</sub>  | 2008 09 21.2 | 23 54.34 -07 43.8 17.8 | -0.87 - 2.1 | 3.6/19.1  | 43281 |
| 2001 XY <sub>133</sub> | 2008 09 21.2 | 23 54.36 -03 59.3 20.6 | -0.92 - 5.9 | 1.2/20.1  | 43139 |
| 2001 SN <sub>198</sub> | 2008 09 21.2 | 23 54.40 -03 19.9 19.9 | -0.89 - 9.9 | 1.1/20.2  | 43128 |
| 2004 CS <sub>16</sub>  | 2008 09 21.2 | 23 54.40 +03 26.8 22.2 | -0.59 - 3.0 | 0.8/22.6  | 62491 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 QH <sub>117</sub> | 2008 09 21.2 | 23 54.41 +10 01.4 17.7 | -1.00 - 3.6 | 4.7/24.5  | 43122 |
| 2002 NY <sub>57</sub>  | 2008 09 21.2 | 23 54.41 -20 08.0 20.0 | -0.72 - 6.0 | 5.1/14.1  | 08277 |
| 2001 RD <sub>102</sub> | 2008 09 21.2 | 23 54.42 -02 40.2 19.0 | -0.86 - 8.6 | 0.9/20.5  | 43125 |
| 2004 VJ <sub>52</sub>  | 2008 09 21.2 | 23 54.43 -13 59.2 19.9 | -0.81 - 4.9 | 4.1/16.7  | 02226 |
| 2002 EX <sub>7</sub>   | 2008 09 21.2 | 23 54.44 +03 32.2 19.3 | -0.52 - 2.4 | 0.8/22.7  | 43149 |
| 2002 AK <sub>61</sub>  | 2008 09 21.2 | 23 54.44 -12 28.0 20.5 | -0.79 - 7.9 | 3.6/16.9  | 21310 |
| 2003 UN <sub>66</sub>  | 2008 09 21.2 | 23 54.44 -16 10.0 18.8 | -0.71 - 8.6 | 5.1/15.1  | 43186 |
| 2003 BX <sub>91</sub>  | 2008 09 21.2 | 23 54.45 -12 10.2 21.3 | -0.67 - 2.5 | 2.6/17.4  | 08669 |
| 2007 HD <sub>11</sub>  | 2008 09 21.2 | 23 54.46 -08 03.0 21.1 | -0.87 - 5.0 | 2.4/18.8  | 20631 |
| 2004 XF <sub>142</sub> | 2008 09 21.2 | 23 54.49 -20 14.4 19.5 | -0.84 - 2.7 | 5.9/14.9  | 11076 |
| 2005 AJ <sub>68</sub>  | 2008 09 21.2 | 23 54.50 -10 42.7 21.9 | -0.63 - 6.3 | 2.2/17.5  | 77804 |
| 2006 DA <sub>27</sub>  | 2008 09 21.2 | 23 54.51 -03 35.7 19.6 | -0.77 - 6.9 | 1.0/20.2  | 43259 |
| 2003 WG <sub>109</sub> | 2008 09 21.2 | 23 54.55 +12 58.3 19.9 | -0.72 - 5.8 | 4.1/26.1  | 76234 |
| 2003 WB <sub>142</sub> | 2008 09 21.2 | 23 54.58 -31 52.7 18.1 | -0.76 - 4.5 | 10.9/08.2 | 43195 |
| 2004 VS <sub>71</sub>  | 2008 09 21.2 | 23 54.58 +04 52.6 19.6 | -0.79 - 6.6 | 2.1/23.2  | 43223 |
| 2002 JC <sub>77</sub>  | 2008 09 21.2 | 23 54.58 +11 23.3 19.6 | -0.76 - 8.3 | 3.6/25.7  | 22703 |
| 2001 TQ <sub>150</sub> | 2008 09 21.2 | 23 54.59 -13 17.7 19.6 | -0.99 - 4.0 | 4.9/17.3  | 21306 |
| 2005 YZ <sub>191</sub> | 2008 09 21.2 | 23 54.60 -02 27.9 21.1 | -0.86 - 5.1 | 0.6/20.6  | 43249 |
| 2000 FV <sub>73</sub>  | 2008 09 21.2 | 23 54.60 -17 33.2 19.6 | -0.67 - 8.0 | 4.2/14.7  | 99946 |
| 2005 AY <sub>76</sub>  | 2008 09 21.2 | 23 54.61 -13 07.3 19.7 | -0.74 - 5.2 | 4.1/16.9  | 02240 |
| 1998 SS <sub>160</sub> | 2008 09 21.2 | 23 54.65 -08 07.6 18.8 | -1.11 - 1.7 | 3.4/19.2  | 43095 |
| 2001 UP <sub>166</sub> | 2008 09 21.2 | 23 54.66 -06 17.0 19.6 | -0.96 - 5.1 | 2.5/19.5  | 16179 |
| 2006 BC <sub>162</sub> | 2008 09 21.2 | 23 54.67 +23 24.0 20.6 | -0.91 - 1.4 | 6.0/29.2  | 21623 |
| 2007 EY <sub>175</sub> | 2008 09 21.2 | 23 54.69 +07 42.8 18.7 | -0.65 -13.4 | 3.2/24.7  | 42877 |
| 2003 CX <sub>25</sub>  | 2008 09 21.2 | 23 54.70 -04 29.1 20.0 | -0.89 - 9.1 | 1.5/19.9  | 43168 |
| 2003 BH <sub>55</sub>  | 2008 09 21.2 | 23 54.71 -06 22.9 20.4 | -0.94 - 6.1 | 2.1/19.4  | 20774 |
| 1999 GY <sub>3</sub>   | 2008 09 21.2 | 23 54.73 -14 02.5 18.3 | -1.56 + 7.1 | 5.7/19.3  | 70222 |
| 2001 FF <sub>120</sub> | 2008 09 21.2 | 23 54.76 -07 34.1 20.7 | -0.85 - 2.2 | 2.1/19.2  | 02033 |
| 2006 BD <sub>190</sub> | 2008 09 21.3 | 23 54.69 -03 40.8 21.1 | -0.88 - 4.7 | 1.0/20.3  | 97110 |
| 2006 AZ <sub>60</sub>  | 2008 09 21.3 | 23 54.73 -02 41.3 21.1 | -0.88 - 6.8 | 0.7/20.6  | 43251 |
| 2004 TV <sub>156</sub> | 2008 09 21.3 | 23 54.76 -04 04.5 20.5 | -0.87 - 5.0 | 1.3/20.2  | 43217 |
| 2001 CZ <sub>13</sub>  | 2008 09 21.3 | 23 54.77 +02 33.4 20.3 | -0.85 - 3.5 | 0.9/22.3  | 43118 |
| 2003 SK <sub>311</sub> | 2008 09 21.3 | 23 54.81 -03 12.6 19.5 | -0.78 - 5.0 | 0.9/20.4  | 43183 |
| 1996 FZ <sub>10</sub>  | 2008 09 21.3 | 23 54.82 -06 14.5 20.0 | -0.96 - 5.9 | 2.1/19.5  | 21291 |
| 2006 KW <sub>101</sub> | 2008 09 21.3 | 23 54.83 -04 38.1 20.9 | -0.56 - 5.2 | 0.9/19.8  | 43269 |
| 2003 UW <sub>132</sub> | 2008 09 21.3 | 23 54.84 +05 07.8 18.9 | -0.78 - 3.6 | 2.0/23.2  | 43188 |
| 2002 CW <sub>5</sub>   | 2008 09 21.3 | 23 54.84 +02 38.2 19.3 | -0.90 - 4.7 | 1.1/22.3  | 43145 |
| 2006 BO <sub>155</sub> | 2008 09 21.3 | 23 54.86 -07 40.2 20.6 | -0.74 - 5.5 | 2.1/18.9  | 22535 |
| 2001 SG <sub>51</sub>  | 2008 09 21.3 | 23 54.87 -06 04.7 18.8 | -0.91 - 2.9 | 2.7/19.7  | 43126 |
| 2003 UO <sub>77</sub>  | 2008 09 21.3 | 23 54.90 +14 52.6 19.6 | -0.75 - 5.3 | 5.1/26.8  | 43187 |
| 2001 XT <sub>41</sub>  | 2008 09 21.3 | 23 54.90 -07 08.8 19.0 | -1.03 - 1.5 | 2.8/19.5  | 43138 |
| 2004 SP <sub>14</sub>  | 2008 09 21.3 | 23 54.90 -16 41.9 18.4 | -0.85 - 2.9 | 7.4/16.2  | 19631 |
| 2005 VG <sub>114</sub> | 2008 09 21.3 | 23 54.92 -15 43.8 18.7 | -0.99 - 1.6 | 7.4/17.0  | 96419 |
| 2002 ES <sub>100</sub> | 2008 09 21.3 | 23 54.97 -01 46.4 19.9 | -1.01 - 1.5 | 0.4/21.0  | 43150 |
| 2001 WF <sub>7</sub>   | 2008 09 21.3 | 23 55.01 -05 18.0 19.7 | -0.91 - 6.5 | 2.0/19.8  | 43137 |
| 2005 TL <sub>185</sub> | 2008 09 21.3 | 23 55.01 -04 32.8 20.3 | -1.08 - 3.9 | 1.7/20.2  | 42773 |
| 2003 GZ <sub>12</sub>  | 2008 09 21.3 | 23 55.01 +00 24.4 19.8 | -0.87 - 7.4 | 0.3/21.7  | 43171 |
| 2001 WL <sub>54</sub>  | 2008 09 21.3 | 23 55.03 -06 50.1 20.3 | -0.99 - 4.6 | 2.3/19.4  | 97512 |
| 2001 TW <sub>37</sub>  | 2008 09 21.3 | 23 55.03 -27 23.3 17.5 | -1.16 + 7.0 | 14.3/15.2 | 43130 |
| 2004 TD <sub>138</sub> | 2008 09 21.3 | 23 55.05 -21 26.3 19.0 | -1.02 - 0.4 | 8.4/15.1  | 43216 |
| 2005 EP <sub>94</sub>  | 2008 09 21.3 | 23 55.10 -05 55.6 20.3 | -0.67 -11.2 | 1.5/19.3  | 76861 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 EG <sub>24</sub>  | 2008 09 21.3 | 23 55.14 -04 48.0 20.4 | -0.91 - 7.3 | 1.5/20.0  | 43275 |
| 2001 UZ <sub>66</sub>  | 2008 09 21.3 | 23 55.14 -07 44.1 19.7 | -1.07 - 3.4 | 3.0/19.3  | 94210 |
| 2005 XH <sub>60</sub>  | 2008 09 21.4 | 23 55.08 -11 15.0 21.6 | -0.87 - 4.9 | 3.3/17.9  | 21167 |
| 2005 TD <sub>40</sub>  | 2008 09 21.4 | 23 55.09 -11 27.2 20.3 | -1.06 - 4.1 | 4.3/18.1  | 20818 |
| 2001 TC <sub>60</sub>  | 2008 09 21.4 | 23 55.10 -08 50.0 17.7 | -0.84 - 4.7 | 4.0/18.7  | 43130 |
| 2001 UC <sub>26</sub>  | 2008 09 21.4 | 23 55.11 +07 43.6 17.3 | -0.98 - 1.7 | 4.2/23.9  | 42598 |
| 2005 UU <sub>199</sub> | 2008 09 21.4 | 23 55.11 -09 25.5 19.6 | -1.01 - 4.1 | 4.2/18.7  | 20419 |
| 2003 SE <sub>257</sub> | 2008 09 21.4 | 23 55.13 -04 13.9 19.6 | -0.70 - 9.2 | 1.3/20.0  | 20786 |
| 2004 TS <sub>112</sub> | 2008 09 21.4 | 23 55.15 +12 45.5 17.8 | -0.42 -16.0 | 6.0/27.7  | 43216 |
| 2003 UR <sub>137</sub> | 2008 09 21.4 | 23 55.16 -13 02.4 19.4 | -0.77 - 3.4 | 3.5/17.3  | 04268 |
| 2005 VO <sub>9</sub>   | 2008 09 21.4 | 23 55.17 -00 05.6 19.5 | -0.90 - 7.8 | 0.2/21.6  | 43242 |
| 2003 WG <sub>78</sub>  | 2008 09 21.4 | 23 55.17 +03 05.9 19.7 | -0.77 - 3.9 | 1.1/22.6  | 43194 |
| 2007 GE <sub>75</sub>  | 2008 09 21.4 | 23 55.20 -24 34.1 19.7 | -0.92 - 3.3 | 8.7/13.6  | 43280 |
| 2004 QO <sub>25</sub>  | 2008 09 21.4 | 23 55.21 +37 02.1 18.6 | -1.11 + 0.3 | 13.8/04.6 | 97726 |
| 2004 PP <sub>91</sub>  | 2008 09 21.4 | 23 55.21 +03 46.7 18.7 | -0.96 - 2.0 | 2.0/22.7  | 42704 |
| 2002 AM <sub>133</sub> | 2008 09 21.4 | 23 55.26 +08 35.8 19.4 | -0.86 - 6.8 | 3.1/24.6  | 43144 |
| 2006 BA <sub>90</sub>  | 2008 09 21.4 | 23 55.26 -05 31.9 21.1 | -0.83 - 6.2 | 1.7/19.8  | 43254 |
| 2000 QX <sub>145</sub> | 2008 09 21.4 | 23 55.27 -07 43.8 17.9 | -0.72 -10.5 | 3.1/18.7  | 43107 |
| 2005 XK <sub>82</sub>  | 2008 09 21.4 | 23 55.28 +01 53.5 20.8 | -0.93 - 5.5 | 0.8/22.2  | 43246 |
| 2003 WZ <sub>107</sub> | 2008 09 21.4 | 23 55.29 +13 45.5 18.9 | -0.73 - 6.4 | 4.9/26.7  | 43194 |
| 2005 AH <sub>66</sub>  | 2008 09 21.4 | 23 55.30 -04 28.7 21.3 | -0.71 - 5.4 | 1.1/20.1  | 43228 |
| 2003 UG <sub>5</sub>   | 2008 09 21.4 | 23 55.34 +02 31.8 19.5 | -1.14 + 2.4 | 1.0/22.2  | 43185 |
| 1998 QZ <sub>103</sub> | 2008 09 21.4 | 23 55.35 -11 15.1 18.2 | -0.92 - 3.0 | 5.5/18.2  | 43094 |
| 2001 KH <sub>16</sub>  | 2008 09 21.4 | 23 55.37 -20 50.7 20.9 | -0.76 - 3.5 | 5.0/14.6  | 02035 |
| 1999 TL <sub>87</sub>  | 2008 09 21.4 | 23 55.38 -05 21.1 20.9 | -0.79 - 5.4 | 1.5/19.8  | 43098 |
| 2004 XU <sub>27</sub>  | 2008 09 21.4 | 23 55.38 -03 44.6 19.8 | -0.82 - 5.3 | 1.3/20.4  | 42731 |
| 2006 DY <sub>144</sub> | 2008 09 21.4 | 23 55.39 -01 21.1 20.1 | -0.86 - 3.6 | 0.3/21.2  | 43263 |
| 2007 EB <sub>189</sub> | 2008 09 21.4 | 23 55.41 +01 32.1 20.5 | -0.91 - 8.6 | 0.8/22.2  | 41868 |
| 2004 XS <sub>12</sub>  | 2008 09 21.4 | 23 55.47 +04 54.4 18.6 | -0.84 - 6.0 | 2.2/23.0  | 42731 |
| 1998 HB <sub>27</sub>  | 2008 09 21.5 | 23 55.42 -07 26.8 21.0 | -0.86 - 4.9 | 2.1/19.2  | 01969 |
| 2002 QB <sub>58</sub>  | 2008 09 21.5 | 23 55.42 +07 08.8 19.9 | -0.74 - 4.4 | 2.2/24.1  | 42620 |
| 2002 CB <sub>94</sub>  | 2008 09 21.5 | 23 55.43 +11 44.3 19.9 | -0.57 - 1.2 | 2.1/25.6  | 26610 |
| 2000 WX <sub>172</sub> | 2008 09 21.5 | 23 55.44 +33 37.3 17.6 | -0.98 + 4.5 | 16.7/01.7 | 43115 |
| 2005 YZ <sub>167</sub> | 2008 09 21.5 | 23 55.45 -04 39.7 20.6 | -0.92 - 7.4 | 1.6/20.1  | 43249 |
| 2006 BQ <sub>226</sub> | 2008 09 21.5 | 23 55.45 +16 58.0 20.6 | -0.93 - 0.8 | 4.6/26.8  | 21854 |
| 2006 FP <sub>11</sub>  | 2008 09 21.5 | 23 55.46 -03 47.4 19.5 | -0.76 - 5.7 | 1.1/20.4  | 43265 |
| 2003 WV <sub>71</sub>  | 2008 09 21.5 | 23 55.46 +18 34.7 17.5 | -0.81 - 1.2 | 8.3/27.9  | 43193 |
| 2002 CO <sub>102</sub> | 2008 09 21.5 | 23 55.47 -05 17.3 20.4 | -0.81 - 6.1 | 1.5/19.9  | 43146 |
| 2001 XZ <sub>125</sub> | 2008 09 21.5 | 23 55.49 -07 44.3 19.9 | -0.89 - 6.0 | 2.4/19.1  | 97524 |
| 2005 UY <sub>237</sub> | 2008 09 21.5 | 23 55.50 -14 04.9 20.2 | -0.97 - 5.1 | 5.4/17.2  | 97924 |
| 2001 TD <sub>53</sub>  | 2008 09 21.5 | 23 55.57 -08 19.9 18.1 | -0.79 - 4.8 | 4.0/18.9  | 43130 |
| 2005 YL <sub>167</sub> | 2008 09 21.5 | 23 55.58 -02 36.8 20.2 | -0.92 - 7.5 | 0.9/20.8  | 43249 |
| 2002 BK <sub>12</sub>  | 2008 09 21.5 | 23 55.59 -10 27.4 20.1 | -0.84 - 7.0 | 3.5/18.1  | 21311 |
| 2006 BX <sub>247</sub> | 2008 09 21.5 | 23 55.59 -06 09.8 20.8 | -0.83 - 6.8 | 2.0/19.6  | 98136 |
| 2002 CD <sub>60</sub>  | 2008 09 21.5 | 23 55.64 -00 36.7 20.1 | -0.89 - 4.8 | 0.0/21.5  | 94584 |
| 2007 HT <sub>7</sub>   | 2008 09 21.5 | 23 55.65 -04 24.0 19.4 | -0.78 - 8.7 | 1.7/20.1  | 43281 |
| 2006 CK <sub>65</sub>  | 2008 09 21.5 | 23 55.67 -03 58.7 18.5 | -0.69 -10.1 | 1.4/20.2  | 43258 |
| 2007 LV <sub>6</sub>   | 2008 09 21.5 | 23 55.67 -05 55.0 21.2 | -0.89 - 6.9 | 1.8/19.7  | 31532 |
| 2003 UX <sub>282</sub> | 2008 09 21.5 | 23 55.69 -33 51.4 20.0 | -0.90 - 1.8 | 11.4/08.9 | 66316 |
| 2000 AO <sub>60</sub>  | 2008 09 21.5 | 23 55.70 +06 54.0 21.5 | -0.96 - 5.6 | 2.2/23.9  | 19520 |
| 2007 EO <sub>16</sub>  | 2008 09 21.5 | 23 55.71 -06 25.2 20.0 | -1.05 - 2.1 | 2.5/19.9  | 22879 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 GU <sub>53</sub>  | 2008 09 21.5 | 23 55.73 | -11 49.7 | 20.0 | -0.92 | - 7.6 | 4.9/17.6  | 19496 |
| 2006 AA <sub>8</sub>   | 2008 09 21.5 | 23 55.77 | -06 47.8 | 20.4 | -0.74 | - 7.0 | 1.7/19.3  | 02268 |
| 2006 FR <sub>27</sub>  | 2008 09 21.5 | 23 55.78 | -03 22.7 | 21.9 | -0.68 | - 4.2 | 0.7/20.6  | 01530 |
| 2002 QD <sub>74</sub>  | 2008 09 21.5 | 23 55.79 | -15 10.4 | 20.4 | -0.69 | - 6.4 | 4.2/16.2  | 02119 |
| 2005 UO <sub>220</sub> | 2008 09 21.5 | 23 55.82 | -02 08.6 | 19.2 | -1.08 | - 2.9 | 0.8/21.1  | 42776 |
| 2004 XT <sub>112</sub> | 2008 09 21.5 | 23 55.82 | +04 41.6 | 20.0 | -0.82 | - 4.8 | 1.8/23.3  | 43226 |
| 2000 UE <sub>92</sub>  | 2008 09 21.5 | 23 55.83 | +20 14.7 | 19.3 | -0.80 | - 8.0 | 8.0/29.4  | 74043 |
| 2003 BA <sub>74</sub>  | 2008 09 21.6 | 23 55.80 | -05 35.8 | 19.7 | -1.03 | - 3.2 | 1.9/20.1  | 43168 |
| 2007 HK <sub>16</sub>  | 2008 09 21.6 | 23 55.80 | -07 55.4 | 18.7 | -1.03 | - 1.6 | 3.2/19.5  | 43281 |
| 2004 XD <sub>186</sub> | 2008 09 21.6 | 23 55.81 | +12 43.4 | 19.9 | -0.84 | - 2.6 | 4.0/25.8  | 86608 |
| 2005 GY <sub>124</sub> | 2008 09 21.6 | 23 55.81 | -01 28.0 | 21.1 | -0.56 | - 4.0 | 0.2/21.3  | 43231 |
| 2003 UG <sub>282</sub> | 2008 09 21.6 | 23 55.82 | -09 12.4 | 19.2 | -0.71 | - 6.2 | 3.0/18.5  | 43192 |
| 2002 JF <sub>116</sub> | 2008 09 21.6 | 23 55.82 | -49 55.0 | 19.3 | -1.34 | - 1.7 | 21.0/03.0 | 43155 |
| 2006 BR <sub>68</sub>  | 2008 09 21.6 | 23 55.86 | +03 57.2 | 20.5 | -0.99 | - 3.1 | 2.0/22.9  | 42794 |
| 2001 XS <sub>121</sub> | 2008 09 21.6 | 23 55.94 | +19 16.9 | 18.3 | -0.78 | -10.8 | 8.6/29.9  | 43139 |
| 2003 EV <sub>28</sub>  | 2008 09 21.6 | 23 55.99 | -07 08.8 | 19.8 | -1.00 | - 2.8 | 2.2/19.7  | 35846 |
| 2001 UE <sub>54</sub>  | 2008 09 21.6 | 23 55.99 | +05 04.1 | 19.5 | -0.85 | - 9.0 | 2.2/23.6  | 43133 |
| 2007 EG <sub>197</sub> | 2008 09 21.6 | 23 56.05 | +01 46.2 | 21.5 | -0.89 | - 6.8 | 0.7/22.4  | 20858 |
| 2005 UP <sub>216</sub> | 2008 09 21.6 | 23 56.10 | -22 53.6 | 19.1 | -1.08 | - 1.9 | 8.8/14.9  | 43239 |
| 2003 SQ <sub>430</sub> | 2008 09 21.6 | 23 56.12 | -01 02.7 | 20.2 | -0.83 | - 2.4 | 0.2/21.5  | 42659 |
| 2003 UC <sub>304</sub> | 2008 09 21.6 | 23 56.13 | +04 15.9 | 19.8 | -0.78 | - 4.2 | 1.6/23.2  | 42677 |
| 2004 TB <sub>188</sub> | 2008 09 21.6 | 23 56.17 | +00 39.6 | 20.1 | -0.88 | - 5.4 | 0.4/22.0  | 43217 |
| 2007 DN <sub>89</sub>  | 2008 09 21.6 | 23 56.23 | +01 16.0 | 21.2 | -1.01 | - 5.8 | 0.6/22.2  | 20542 |
| 1999 VZ <sub>108</sub> | 2008 09 21.7 | 23 56.13 | -16 09.4 | 19.4 | -0.88 | - 3.1 | 5.4/16.6  | 72024 |
| 2003 SX <sub>30</sub>  | 2008 09 21.7 | 23 56.15 | +03 08.2 | 20.2 | -0.70 | - 7.7 | 1.1/23.0  | 42643 |
| 2002 PJ <sub>120</sub> | 2008 09 21.7 | 23 56.15 | -06 07.5 | 19.2 | -0.63 | -10.3 | 1.8/19.5  | 42617 |
| 2001 RE <sub>41</sub>  | 2008 09 21.7 | 23 56.16 | +10 49.2 | 18.8 | -0.80 | - 7.6 | 5.3/25.8  | 42587 |
| 2004 TK <sub>176</sub> | 2008 09 21.7 | 23 56.16 | +11 17.7 | 18.5 | -0.77 | - 9.1 | 4.5/26.0  | 43217 |
| 2003 UQ <sub>127</sub> | 2008 09 21.7 | 23 56.18 | -03 50.3 | 20.1 | -0.68 | - 8.2 | 1.1/20.4  | 43188 |
| 2001 WM <sub>67</sub>  | 2008 09 21.7 | 23 56.21 | -11 46.5 | 20.2 | -0.99 | - 3.7 | 4.4/18.2  | 20269 |
| 2001 SB <sub>207</sub> | 2008 09 21.7 | 23 56.21 | -01 43.5 | 19.9 | -0.89 | - 8.3 | 0.5/21.3  | 20746 |
| 2006 BF <sub>233</sub> | 2008 09 21.7 | 23 56.21 | -05 03.9 | 20.6 | -0.86 | - 5.6 | 1.6/20.2  | 43257 |
| 2005 UD <sub>510</sub> | 2008 09 21.7 | 23 56.22 | +06 41.3 | 19.7 | -0.94 | - 6.8 | 2.9/24.1  | 43241 |
| 2006 EJ <sub>35</sub>  | 2008 09 21.7 | 23 56.22 | -01 02.3 | 19.3 | -0.99 | - 0.5 | 0.2/21.6  | 42808 |
| 2002 CE <sub>65</sub>  | 2008 09 21.7 | 23 56.22 | -21 41.9 | 20.2 | -0.84 | - 6.0 | 6.7/14.1  | 20760 |
| 2001 WO <sub>50</sub>  | 2008 09 21.7 | 23 56.26 | -27 32.7 | 17.8 | -1.09 | + 9.1 | 15.3/16.3 | 26060 |
| 2004 KJ <sub>4</sub>   | 2008 09 21.7 | 23 56.29 | -08 16.7 | 19.9 | -0.50 | - 2.6 | 1.4/19.0  | 65832 |
| 2000 GG <sub>121</sub> | 2008 09 21.7 | 23 56.30 | +03 06.2 | 21.3 | -0.90 | - 9.0 | 1.4/23.0  | 03173 |
| 2004 RG <sub>329</sub> | 2008 09 21.7 | 23 56.30 | +10 08.2 | 18.7 | -0.81 | - 6.6 | 4.4/25.4  | 43212 |
| 2003 UZ <sub>240</sub> | 2008 09 21.7 | 23 56.34 | -10 27.1 | 19.0 | -0.85 | - 1.6 | 3.1/18.7  | 43191 |
| 2003 EJ <sub>14</sub>  | 2008 09 21.7 | 23 56.37 | -08 03.4 | 20.9 | -0.90 | - 6.2 | 2.5/19.2  | 20776 |
| 2007 HP <sub>79</sub>  | 2008 09 21.7 | 23 56.38 | +02 56.1 | 20.7 | -0.76 | - 5.9 | 1.0/23.0  | 42884 |
| 2001 TU <sub>73</sub>  | 2008 09 21.7 | 23 56.38 | +00 13.1 | 19.3 | -0.90 | - 7.4 | 0.3/22.0  | 43130 |
| 2002 TB <sub>65</sub>  | 2008 09 21.7 | 23 56.39 | +18 27.8 | 19.0 | -0.70 | - 6.0 | 5.4/28.8  | 43163 |
| 2006 DC <sub>163</sub> | 2008 09 21.7 | 23 56.43 | +00 13.1 | 20.1 | -0.77 | - 6.4 | 0.2/22.0  | 02299 |
| 2005 QK <sub>8</sub>   | 2008 09 21.7 | 23 56.43 | +24 32.0 | 19.9 | -1.46 | + 1.6 | 11.3/28.1 | 43232 |
| 2005 AS <sub>74</sub>  | 2008 09 21.7 | 23 56.44 | -14 03.1 | 20.4 | -0.70 | - 6.1 | 4.3/16.8  | 00909 |
| 2007 GS <sub>32</sub>  | 2008 09 21.7 | 23 56.44 | -13 11.4 | 20.3 | -0.92 | - 6.2 | 4.7/17.5  | 26268 |
| 2003 HK <sub>22</sub>  | 2008 09 21.7 | 23 56.44 | +06 52.3 | 19.9 | -0.45 | - 4.1 | 1.2/24.5  | 43172 |
| 2007 HK <sub>50</sub>  | 2008 09 21.7 | 23 56.45 | -03 12.0 | 21.5 | -0.86 | - 7.2 | 0.9/20.8  | 20649 |
| 2006 BQ <sub>157</sub> | 2008 09 21.7 | 23 56.46 | -08 14.6 | 20.0 | -0.71 | - 6.7 | 2.2/19.0  | 02279 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 FM <sub>1</sub>   | 2008 09 21.7 | 23 56.47 | -13 50.8 | 19.3 | -1.30 | + 0.2 | 5.0/18.4  | 94939 |
| 2003 WV <sub>37</sub>  | 2008 09 21.7 | 23 56.48 | -02 53.0 | 19.5 | -0.84 | - 2.5 | 0.8/21.0  | 43193 |
| 2003 WD <sub>66</sub>  | 2008 09 21.7 | 23 56.50 | +07 46.2 | 19.0 | -0.81 | - 2.4 | 3.2/24.3  | 42682 |
| 2004 XK <sub>182</sub> | 2008 09 21.7 | 23 56.51 | +05 50.5 | 19.2 | -1.07 | - 0.7 | 2.4/23.0  | 43227 |
| 1997 WY <sub>21</sub>  | 2008 09 21.7 | 23 56.51 | -34 22.3 | 19.0 | -0.94 | + 0.1 | 9.9/10.4  | 43094 |
| 2001 BD                | 2008 09 21.7 | 23 56.52 | +10 00.5 | 19.4 | -0.95 | - 1.9 | 3.4/24.8  | 02025 |
| 2003 SF <sub>249</sub> | 2008 09 21.7 | 23 56.53 | -01 02.0 | 18.5 | -0.72 | - 6.4 | 0.3/21.6  | 42653 |
| 2002 QZ <sub>115</sub> | 2008 09 21.7 | 23 56.53 | +11 05.4 | 20.3 | -0.76 | - 3.8 | 3.2/25.6  | 21549 |
| 2006 BP <sub>169</sub> | 2008 09 21.7 | 23 56.54 | -03 08.6 | 20.7 | -0.81 | - 6.2 | 0.9/20.9  | 42798 |
| 2000 XM <sub>11</sub>  | 2008 09 21.7 | 23 56.54 | -25 46.8 | 19.1 | -1.09 | - 1.0 | 9.5/13.7  | 43115 |
| 2007 HB <sub>84</sub>  | 2008 09 21.7 | 23 56.56 | -42 31.0 | 22.4 | -1.02 | - 2.9 | 10.8/06.5 | 21365 |
| 2003 FM <sub>76</sub>  | 2008 09 21.7 | 23 56.56 | +01 13.1 | 21.0 | -0.92 | - 5.5 | 0.5/22.3  | 43170 |
| 2001 UF <sub>160</sub> | 2008 09 21.8 | 23 56.49 | -03 54.3 | 19.9 | -0.93 | - 6.2 | 1.3/20.7  | 43134 |
| 2007 LT <sub>7</sub>   | 2008 09 21.8 | 23 56.49 | -09 22.8 | 19.4 | -0.67 | - 9.5 | 3.0/18.3  | 21251 |
| 2000 GO <sub>4</sub>   | 2008 09 21.8 | 23 56.56 | -30 18.8 | 19.9 | -0.90 | - 0.8 | 7.0/12.0  | 01997 |
| 2002 JY <sub>85</sub>  | 2008 09 21.8 | 23 56.57 | -03 40.9 | 19.3 | -0.85 | - 3.9 | 1.1/20.8  | 97601 |
| 2006 BU <sub>125</sub> | 2008 09 21.8 | 23 56.57 | +05 22.2 | 20.2 | -0.89 | - 2.1 | 1.9/23.5  | 42795 |
| 2005 YK <sub>193</sub> | 2008 09 21.8 | 23 56.60 | -05 54.5 | 19.9 | -0.93 | - 6.8 | 2.2/20.0  | 43249 |
| 2002 ES <sub>79</sub>  | 2008 09 21.8 | 23 56.62 | +04 09.9 | 21.5 | -0.80 | - 7.3 | 1.4/23.4  | 70342 |
| 2003 UT <sub>188</sub> | 2008 09 21.8 | 23 56.62 | -04 18.4 | 19.2 | -0.88 | - 1.5 | 1.3/20.7  | 42673 |
| 2000 HJ <sub>101</sub> | 2008 09 21.8 | 23 56.64 | -08 49.0 | 20.9 | -0.81 | - 1.9 | 2.1/19.3  | 01999 |
| 2002 AR <sub>78</sub>  | 2008 09 21.8 | 23 56.65 | +11 09.2 | 20.5 | -0.96 | - 4.0 | 4.2/25.4  | 94494 |
| 2003 UB <sub>131</sub> | 2008 09 21.8 | 23 56.69 | +08 25.2 | 20.0 | -0.86 | - 2.2 | 2.9/24.5  | 43188 |
| 2006 DC <sub>108</sub> | 2008 09 21.8 | 23 56.71 | +00 41.5 | 19.7 | -0.77 | - 7.3 | 0.4/22.2  | 43262 |
| 2006 HX <sub>42</sub>  | 2008 09 21.8 | 23 56.72 | -27 43.4 | 20.8 | -1.29 | + 0.7 | 9.0/14.0  | 01661 |
| 2001 YE <sub>40</sub>  | 2008 09 21.8 | 23 56.75 | -08 22.0 | 20.7 | -0.93 | - 5.5 | 3.3/19.2  | 94425 |
| 2006 BC <sub>131</sub> | 2008 09 21.8 | 23 56.80 | -03 29.9 | 19.4 | -0.83 | - 7.4 | 1.1/20.8  | 43255 |
| 2003 EF <sub>29</sub>  | 2008 09 21.8 | 23 56.81 | -05 20.8 | 20.8 | -0.88 | - 7.5 | 1.7/20.2  | 43168 |
| 2003 UP <sub>303</sub> | 2008 09 21.8 | 23 56.84 | +13 37.5 | 19.6 | -0.76 | - 4.9 | 4.3/26.8  | 43192 |
| 2003 UX <sub>189</sub> | 2008 09 21.8 | 23 56.84 | +12 10.6 | 19.2 | -0.72 | - 5.8 | 3.7/26.4  | 43190 |
| 2006 CP <sub>59</sub>  | 2008 09 21.8 | 23 56.84 | +03 11.5 | 20.8 | -0.83 | - 3.6 | 1.1/23.0  | 43258 |
| 2006 ES <sub>55</sub>  | 2008 09 21.8 | 23 56.84 | -00 23.5 | 20.2 | -0.73 | - 7.1 | 0.0/21.9  | 03879 |
| 2001 VY <sub>1</sub>   | 2008 09 21.8 | 23 56.85 | +01 54.9 | 19.0 | -0.96 | - 5.6 | 0.8/22.6  | 43135 |
| 2004 TN <sub>18</sub>  | 2008 09 21.8 | 23 56.85 | -27 21.0 | 18.6 | -0.76 | - 4.9 | 11.5/11.3 | 43214 |
| 2005 XJ <sub>51</sub>  | 2008 09 21.8 | 23 56.87 | +08 02.7 | 19.1 | -1.00 | - 3.5 | 3.4/24.4  | 43245 |
| 2000 UU <sub>78</sub>  | 2008 09 21.8 | 23 56.88 | -10 26.0 | 18.5 | -0.87 | - 3.7 | 4.5/18.6  | 43113 |
| 2003 BD <sub>56</sub>  | 2008 09 21.8 | 23 56.90 | +07 29.8 | 19.7 | -1.03 | - 4.0 | 2.9/24.2  | 43167 |
| 2003 ST <sub>10</sub>  | 2008 09 21.8 | 23 56.90 | +02 06.0 | 20.3 | -0.77 | - 4.9 | 0.8/22.7  | 43176 |
| 2003 WP <sub>5</sub>   | 2008 09 21.8 | 23 56.90 | -07 59.4 | 19.1 | -0.78 | - 3.6 | 2.5/19.4  | 43192 |
| 2001 WB <sub>71</sub>  | 2008 09 21.8 | 23 56.91 | -03 52.0 | 20.3 | -0.95 | - 5.6 | 1.4/20.8  | 43137 |
| 2002 FE <sub>31</sub>  | 2008 09 21.8 | 23 56.93 | -25 48.8 | 19.6 | -0.86 | - 3.9 | 7.8/13.3  | 21315 |
| 2004 JC <sub>37</sub>  | 2008 09 21.9 | 23 56.89 | +26 13.3 | 19.5 | -0.49 | - 3.5 | 4.3/02.6  | 31899 |
| 2005 YM <sub>264</sub> | 2008 09 21.9 | 23 56.91 | +01 45.9 | 21.6 | -0.88 | - 4.6 | 0.7/22.6  | 03829 |
| 2005 LK <sub>26</sub>  | 2008 09 21.9 | 23 56.92 | +03 05.7 | 20.5 | -0.46 | - 4.5 | 0.6/23.2  | 42759 |
| 2003 UH <sub>236</sub> | 2008 09 21.9 | 23 56.94 | -10 47.7 | 20.3 | -0.85 | - 2.1 | 2.9/18.7  | 77736 |
| 2006 DU <sub>214</sub> | 2008 09 21.9 | 23 56.94 | +02 16.2 | 20.9 | -0.78 | - 6.3 | 0.9/22.8  | 43264 |
| 2004 TE <sub>53</sub>  | 2008 09 21.9 | 23 56.95 | -10 16.0 | 19.4 | -0.95 | - 1.4 | 4.1/19.1  | 42720 |
| 2003 LS <sub>4</sub>   | 2008 09 21.9 | 23 56.95 | -28 01.1 | 20.0 | -0.92 | - 3.9 | 9.6/12.3  | 43173 |
| 2004 XQ <sub>28</sub>  | 2008 09 21.9 | 23 56.95 | -14 31.5 | 19.7 | -0.73 | - 6.3 | 4.3/16.8  | 76546 |
| 2003 EC <sub>12</sub>  | 2008 09 21.9 | 23 56.96 | +02 42.0 | 20.5 | -0.96 | - 5.3 | 1.1/22.9  | 43168 |
| 2002 NK <sub>34</sub>  | 2008 09 21.9 | 23 56.98 | -18 07.5 | 19.2 | -0.69 | - 8.3 | 5.6/15.2  | 21318 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2004 PD <sub>3</sub>   | 2008 09 21.9 | 23 56.99 | -02 47.4 | 19.1 | -0.88 | - 3.4 | 1.2/21.2  | 42702 |
| 2006 BT <sub>171</sub> | 2008 09 21.9 | 23 57.01 | +00 33.1 | 19.3 | -0.85 | - 5.5 | 0.4/22.2  | 43256 |
| 2001 YD <sub>14</sub>  | 2008 09 21.9 | 23 57.02 | -14 33.5 | 19.5 | -1.03 | - 2.5 | 5.5/17.7  | 08184 |
| 2006 DF <sub>140</sub> | 2008 09 21.9 | 23 57.03 | -06 27.0 | 20.5 | -0.82 | - 2.8 | 1.8/20.0  | 02298 |
| 2008 QZ <sub>4</sub>   | 2008 09 21.9 | 23 57.03 | +08 00.0 | 18.3 | -1.09 | + 4.0 | 4.0/23.8  | 43308 |
| 2004 NL <sub>5</sub>   | 2008 09 21.9 | 23 57.05 | +29 34.6 | 19.9 | -1.21 | - 1.6 | 9.8/01.8  | 20792 |
| 2000 SE <sub>328</sub> | 2008 09 21.9 | 23 57.07 | +16 36.5 | 19.2 | -0.80 | - 8.9 | 5.8/28.3  | 43111 |
| 1996 JM <sub>8</sub>   | 2008 09 21.9 | 23 57.07 | -02 43.7 | 20.8 | -0.90 | - 6.6 | 0.8/21.2  | 43092 |
| 1999 TV <sub>332</sub> | 2008 09 21.9 | 23 57.08 | -00 42.9 | 20.5 | -0.84 | - 4.1 | 0.1/21.8  | 43100 |
| 2000 GF <sub>24</sub>  | 2008 09 21.9 | 23 57.10 | +00 55.7 | 20.4 | -0.94 | - 6.8 | 0.4/22.4  | 43105 |
| 2005 YY <sub>268</sub> | 2008 09 21.9 | 23 57.10 | +07 04.7 | 20.2 | -0.84 | - 4.1 | 2.2/24.4  | 42790 |
| 2000 BZ <sub>33</sub>  | 2008 09 21.9 | 23 57.11 | +00 29.9 | 19.8 | -0.78 | - 4.2 | 0.2/22.2  | 43103 |
| 2003 BN <sub>84</sub>  | 2008 09 21.9 | 23 57.12 | +01 32.6 | 20.7 | -0.94 | - 5.9 | 0.6/22.6  | 43168 |
| 2001 WF <sub>3</sub>   | 2008 09 21.9 | 23 57.14 | +01 05.6 | 18.5 | -0.83 | - 6.0 | 0.7/22.4  | 43137 |
| 1999 TT <sub>162</sub> | 2008 09 21.9 | 23 57.15 | +07 49.9 | 19.1 | -0.72 | -10.2 | 2.9/25.1  | 42576 |
| 2005 UF <sub>12</sub>  | 2008 09 21.9 | 23 57.19 | -16 40.9 | 20.4 | -1.05 | - 2.2 | 7.3/17.2  | 03752 |
| 2003 ST <sub>296</sub> | 2008 09 21.9 | 23 57.19 | -35 41.8 | 19.3 | -1.83 | +12.5 | 19.4/17.5 | 76024 |
| 2003 SN <sub>63</sub>  | 2008 09 21.9 | 23 57.21 | +07 10.5 | 20.3 | -0.80 | - 4.5 | 2.4/24.5  | 43177 |
| 1999 TW <sub>71</sub>  | 2008 09 21.9 | 23 57.24 | -01 38.4 | 20.6 | -0.82 | - 4.7 | 0.4/21.6  | 43098 |
| 2004 NN <sub>23</sub>  | 2008 09 21.9 | 23 57.24 | +06 31.4 | 18.9 | -0.82 | - 7.6 | 2.9/24.4  | 43202 |
| 2000 SE <sub>259</sub> | 2008 09 21.9 | 23 57.26 | -19 43.3 | 18.1 | -1.07 | + 3.6 | 9.4/17.6  | 43110 |
| 1999 KF <sub>7</sub>   | 2008 09 21.9 | 23 57.27 | -20 32.8 | 19.9 | -0.93 | - 3.3 | 7.7/15.7  | 17899 |
| 2004 PF <sub>52</sub>  | 2008 09 22.0 | 23 57.25 | -01 07.6 | 18.0 | -0.96 | - 1.8 | 0.4/21.8  | 43204 |
| 1999 TO <sub>226</sub> | 2008 09 22.0 | 23 57.25 | -01 59.0 | 19.6 | -0.87 | - 3.4 | 0.6/21.5  | 43099 |
| 2006 HW <sub>49</sub>  | 2008 09 22.0 | 23 57.25 | -09 16.0 | 20.1 | -0.91 | - 3.3 | 2.8/19.2  | 11169 |
| 1999 DH                | 2008 09 22.0 | 23 57.26 | +06 34.5 | 20.3 | -0.95 | - 5.4 | 2.4/24.2  | 43096 |
| 2002 BJ <sub>27</sub>  | 2008 09 22.0 | 23 57.27 | -17 27.8 | 20.0 | -0.83 | - 6.7 | 5.4/15.9  | 02069 |
| 2002 LF <sub>27</sub>  | 2008 09 22.0 | 23 57.33 | +06 03.1 | 19.4 | -0.78 | - 5.8 | 2.3/24.2  | 43155 |
| 2003 SJ <sub>206</sub> | 2008 09 22.0 | 23 57.35 | +20 46.9 | 18.9 | -1.18 | + 2.6 | 7.5/27.1  | 02171 |
| 2003 UJ <sub>135</sub> | 2008 09 22.0 | 23 57.37 | -03 21.5 | 19.1 | -0.89 | - 1.1 | 1.0/21.2  | 43188 |
| 2004 TQ <sub>50</sub>  | 2008 09 22.0 | 23 57.43 | -07 05.5 | 18.0 | -0.97 | - 0.8 | 2.9/20.2  | 74376 |
| 2007 MO <sub>24</sub>  | 2008 09 22.0 | 23 57.44 | +14 49.5 | 20.2 | -0.73 | - 4.5 | 3.9/27.3  | 22894 |
| 2001 FL <sub>89</sub>  | 2008 09 22.0 | 23 57.44 | -02 42.9 | 21.4 | -0.74 | - 6.8 | 0.7/21.2  | 43119 |
| 2001 XP <sub>49</sub>  | 2008 09 22.0 | 23 57.45 | -11 09.4 | 18.4 | -0.88 | - 4.5 | 5.3/18.4  | 43138 |
| 2003 UK <sub>154</sub> | 2008 09 22.0 | 23 57.45 | -01 56.0 | 19.8 | -0.69 | - 7.2 | 0.5/21.5  | 43189 |
| 2006 BA <sub>161</sub> | 2008 09 22.0 | 23 57.46 | -07 26.5 | 19.9 | -0.68 | - 8.2 | 2.1/19.4  | 21355 |
| 2004 TQ <sub>90</sub>  | 2008 09 22.0 | 23 57.48 | +05 19.8 | 18.9 | -0.80 | - 6.1 | 2.3/24.0  | 43216 |
| 2004 TL <sub>39</sub>  | 2008 09 22.0 | 23 57.51 | -13 07.8 | 20.0 | -1.19 | + 1.8 | 4.7/19.0  | 14136 |
| 2004 XA <sub>143</sub> | 2008 09 22.0 | 23 57.53 | +05 26.5 | 20.3 | -0.87 | - 3.5 | 2.2/23.9  | 42734 |
| 2004 RK <sub>85</sub>  | 2008 09 22.0 | 23 57.54 | +00 07.9 | 19.3 | -0.85 | - 0.5 | 0.2/22.2  | 04307 |
| 2006 DF <sub>156</sub> | 2008 09 22.0 | 23 57.54 | +02 52.8 | 18.4 | -1.11 | + 2.6 | 1.4/22.8  | 42806 |
| 2006 GQ <sub>19</sub>  | 2008 09 22.0 | 23 57.57 | -00 55.9 | 20.4 | -0.71 | - 5.8 | 0.2/21.9  | 01571 |
| 2000 YO <sub>41</sub>  | 2008 09 22.0 | 23 57.58 | -16 12.3 | 18.9 | -0.83 | - 5.5 | 5.6/16.5  | 02022 |
| 2000 SD <sub>270</sub> | 2008 09 22.0 | 23 57.60 | -23 25.2 | 18.0 | -1.07 | + 0.1 | 10.3/14.9 | 43111 |
| 2002 GC <sub>10</sub>  | 2008 09 22.0 | 23 57.62 | -27 06.6 | 20.5 | -1.02 | - 0.8 | 7.0/14.1  | 21315 |
| 2006 BA <sub>72</sub>  | 2008 09 22.0 | 23 57.62 | +04 11.3 | 20.9 | -0.86 | - 3.3 | 1.3/23.5  | 02274 |
| 2001 TX <sub>93</sub>  | 2008 09 22.0 | 23 57.62 | -01 07.7 | 18.3 | -1.06 | - 2.1 | 0.4/21.8  | 43131 |
| 2002 JY <sub>21</sub>  | 2008 09 22.0 | 23 57.64 | -20 45.1 | 18.5 | -0.79 | - 3.3 | 8.0/15.4  | 40674 |
| 2003 SD <sub>339</sub> | 2008 09 22.1 | 23 57.60 | -14 39.0 | 20.9 | -0.87 | - 2.0 | 4.5/17.7  | 21572 |
| 2007 KS <sub>2</sub>   | 2008 09 22.1 | 23 57.62 | -04 40.6 | 19.9 | -0.83 | - 3.3 | 1.4/20.7  | 43284 |
| 2007 EG <sub>119</sub> | 2008 09 22.1 | 23 57.65 | -04 20.0 | 20.7 | -0.93 | - 5.9 | 1.4/20.8  | 20565 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2007 EZ <sub>78</sub>  | 2008 09 22.1 | 23 57.66 | +05 18.5 | 20.4 | -0.91 | - 8.4 | 2.0/24.0  | 43276 |
| 2001 RS <sub>115</sub> | 2008 09 22.1 | 23 57.67 | -04 40.5 | 18.9 | -0.85 | - 6.9 | 2.1/20.6  | 17412 |
| 2004 PD <sub>22</sub>  | 2008 09 22.1 | 23 57.68 | -06 20.3 | 19.4 | -0.80 | - 7.6 | 2.7/20.0  | 42702 |
| 2006 BK <sub>3</sub>   | 2008 09 22.1 | 23 57.72 | -08 26.6 | 21.0 | -0.80 | - 6.0 | 2.7/19.4  | 20484 |
| 2001 SP <sub>180</sub> | 2008 09 22.1 | 23 57.72 | -07 34.1 | 18.9 | -0.79 | -13.5 | 3.2/19.3  | 43128 |
| 2001 VH <sub>59</sub>  | 2008 09 22.1 | 23 57.72 | +07 12.4 | 18.6 | -0.91 | - 5.9 | 3.2/24.6  | 43136 |
| 2004 PY <sub>68</sub>  | 2008 09 22.1 | 23 57.74 | -00 52.8 | 18.6 | -0.78 | - 7.2 | 0.3/21.9  | 43205 |
| 2002 CE <sub>171</sub> | 2008 09 22.1 | 23 57.74 | -05 40.6 | 20.1 | -0.85 | - 4.5 | 1.6/20.4  | 02077 |
| 2003 EG <sub>63</sub>  | 2008 09 22.1 | 23 57.76 | -07 00.9 | 19.7 | -0.53 | - 2.1 | 1.2/19.8  | 41112 |
| 2003 JZ <sub>13</sub>  | 2008 09 22.1 | 23 57.76 | +13 11.3 | 18.9 | -0.79 | - 9.8 | 4.5/27.2  | 43172 |
| 2007 EK <sub>52</sub>  | 2008 09 22.1 | 23 57.88 | +02 47.0 | 21.2 | -0.95 | - 6.8 | 1.1/23.2  | 19713 |
| 2004 TT <sub>163</sub> | 2008 09 22.1 | 23 57.88 | -08 16.8 | 18.6 | -0.86 | - 1.7 | 3.8/19.8  | 42723 |
| 2004 TA <sub>344</sub> | 2008 09 22.1 | 23 57.89 | -05 21.0 | 20.0 | -0.90 | - 4.6 | 1.9/20.5  | 43220 |
| 2006 HW <sub>45</sub>  | 2008 09 22.1 | 23 57.89 | +00 09.9 | 20.1 | -0.70 | - 7.5 | 0.1/22.3  | 43267 |
| 2007 EW <sub>42</sub>  | 2008 09 22.1 | 23 57.89 | -01 51.4 | 20.7 | -0.91 | - 6.9 | 0.6/21.6  | 20852 |
| 2007 GS <sub>53</sub>  | 2008 09 22.1 | 23 57.90 | -01 55.1 | 20.6 | -0.86 | - 8.3 | 0.6/21.6  | 20617 |
| 2003 UK <sub>66</sub>  | 2008 09 22.1 | 23 57.92 | -06 37.5 | 19.0 | -0.64 | -10.7 | 2.2/19.6  | 43186 |
| 2007 GM <sub>42</sub>  | 2008 09 22.1 | 23 57.92 | -08 05.7 | 21.0 | -1.01 | - 3.3 | 2.8/19.9  | 20867 |
| 2006 AF <sub>68</sub>  | 2008 09 22.1 | 23 57.94 | -01 54.3 | 18.6 | -0.79 | - 6.5 | 0.8/21.6  | 43251 |
| 2002 CD <sub>40</sub>  | 2008 09 22.1 | 23 57.95 | +16 12.3 | 18.8 | -0.97 | - 2.3 | 5.4/27.2  | 43146 |
| 2003 UO <sub>205</sub> | 2008 09 22.1 | 23 57.96 | -05 20.3 | 19.7 | -0.77 | - 5.0 | 1.7/20.5  | 43190 |
| 2004 VH <sub>16</sub>  | 2008 09 22.1 | 23 57.98 | -06 24.3 | 20.7 | -0.83 | - 7.2 | 2.2/20.0  | 86587 |
| 2000 DO <sub>26</sub>  | 2008 09 22.1 | 23 57.99 | +00 46.2 | 21.0 | -0.72 | - 4.5 | 0.2/22.5  | 10726 |
| 1999 SB <sub>3</sub>   | 2008 09 22.1 | 23 58.01 | +09 17.6 | 16.1 | -1.83 | +14.4 | 4.7/22.9  | 43097 |
| 2006 DZ <sub>58</sub>  | 2008 09 22.2 | 23 57.96 | +00 14.2 | 20.0 | -0.95 | - 3.8 | 0.2/22.3  | 43260 |
| 2007 EH <sub>197</sub> | 2008 09 22.2 | 23 57.97 | +02 30.8 | 20.9 | -0.91 | - 7.1 | 1.0/23.1  | 43277 |
| 2003 EQ <sub>45</sub>  | 2008 09 22.2 | 23 57.98 | +05 56.3 | 19.0 | -0.99 | - 4.3 | 2.3/24.1  | 43169 |
| 1998 XZ <sub>6</sub>   | 2008 09 22.2 | 23 57.98 | -11 48.1 | 19.9 | -0.50 | - 2.7 | 2.1/18.1  | 84486 |
| 2005 YV <sub>185</sub> | 2008 09 22.2 | 23 58.02 | +20 45.4 | 21.1 | -0.90 | - 3.5 | 6.1/29.4  | 98064 |
| 2001 UK <sub>60</sub>  | 2008 09 22.2 | 23 58.06 | +10 51.3 | 18.9 | -0.96 | - 3.8 | 5.0/25.7  | 43133 |
| 2007 EB <sub>198</sub> | 2008 09 22.2 | 23 58.07 | +03 03.5 | 20.8 | -0.90 | - 6.2 | 1.2/23.3  | 42878 |
| 2001 HB <sub>26</sub>  | 2008 09 22.2 | 23 58.14 | -07 57.4 | 20.7 | -0.76 | - 3.9 | 2.2/19.7  | 13767 |
| 2003 SS <sub>248</sub> | 2008 09 22.2 | 23 58.16 | -03 40.0 | 19.8 | -0.79 | - 4.5 | 1.1/21.1  | 43181 |
| 2006 HM <sub>17</sub>  | 2008 09 22.2 | 23 58.18 | -14 08.0 | 19.6 | -0.73 | - 6.5 | 4.1/17.2  | 01629 |
| 2002 QM <sub>70</sub>  | 2008 09 22.2 | 23 58.18 | -13 49.9 | 20.7 | -0.70 | - 6.0 | 3.5/17.4  | 02119 |
| 2007 FS <sub>38</sub>  | 2008 09 22.2 | 23 58.18 | -09 15.4 | 20.0 | -0.79 | - 8.2 | 2.9/19.0  | 21363 |
| 2007 JX <sub>26</sub>  | 2008 09 22.2 | 23 58.21 | -08 53.7 | 19.9 | -0.79 | - 5.9 | 3.0/19.3  | 43283 |
| 2004 KO                | 2008 09 22.2 | 23 58.29 | -03 49.7 | 20.3 | -1.02 | - 4.9 | 1.4/21.2  | 43201 |
| 2006 FO <sub>42</sub>  | 2008 09 22.2 | 23 58.30 | -04 56.3 | 20.4 | -0.76 | - 4.5 | 1.4/20.7  | 43266 |
| 2006 BW <sub>269</sub> | 2008 09 22.2 | 23 58.30 | -17 59.3 | 21.2 | -0.69 | - 5.5 | 4.1/15.9  | 43257 |
| 2006 DM <sub>1</sub>   | 2008 09 22.2 | 23 58.32 | -05 34.3 | 21.0 | -0.87 | - 5.1 | 1.7/20.5  | 01322 |
| 2005 YH <sub>257</sub> | 2008 09 22.3 | 23 58.32 | +02 32.4 | 19.4 | -0.79 | - 8.9 | 1.2/23.3  | 43250 |
| 2003 EU <sub>47</sub>  | 2008 09 22.3 | 23 58.33 | -00 59.7 | 21.0 | -0.92 | - 5.5 | 0.3/22.1  | 20776 |
| 2003 UV <sub>28</sub>  | 2008 09 22.3 | 23 58.34 | +06 34.9 | 18.7 | -0.66 | - 6.8 | 2.8/24.8  | 42663 |
| 2004 TC <sub>267</sub> | 2008 09 22.3 | 23 58.35 | +12 33.9 | 19.6 | -0.74 | -10.7 | 4.6/27.3  | 42725 |
| 2004 RR <sub>345</sub> | 2008 09 22.3 | 23 58.39 | -23 49.0 | 19.3 | -1.04 | + 1.2 | 10.2/15.8 | 43213 |
| 2005 YK <sub>199</sub> | 2008 09 22.3 | 23 58.40 | +14 46.5 | 21.4 | -0.94 | - 3.5 | 4.8/27.1  | 01190 |
| 2002 CY <sub>252</sub> | 2008 09 22.3 | 23 58.41 | +06 35.5 | 21.2 | -0.86 | - 5.8 | 2.1/24.6  | 94647 |
| 2002 PJ <sub>101</sub> | 2008 09 22.3 | 23 58.42 | +18 08.5 | 20.1 | -0.76 | - 5.2 | 5.8/29.1  | 43158 |
| 2002 QZ <sub>19</sub>  | 2008 09 22.3 | 23 58.43 | +11 48.8 | 19.8 | -0.75 | - 3.8 | 3.3/26.4  | 43159 |
| 2003 UH <sub>147</sub> | 2008 09 22.3 | 23 58.45 | -19 52.2 | 18.7 | -0.80 | - 3.4 | 6.5/15.6  | 02184 |

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M.P.C. 63935

|                        |              |          |          |      |       |   |     |           |       |
|------------------------|--------------|----------|----------|------|-------|---|-----|-----------|-------|
| 1996 RE <sub>14</sub>  | 2008 09 22.3 | 23 58.49 | -00 50.2 | 20.5 | -0.46 | - | 3.7 | 0.1/22.1  | 43092 |
| 2004 TY <sub>161</sub> | 2008 09 22.3 | 23 58.52 | +00 59.6 | 20.3 | -0.81 | - | 6.1 | 0.5/22.7  | 42722 |
| 2005 UZ <sub>334</sub> | 2008 09 22.3 | 23 58.57 | -14 24.4 | 20.1 | -0.99 | - | 4.7 | 6.0/17.8  | 97940 |
| 2005 YH <sub>230</sub> | 2008 09 22.3 | 23 58.58 | -05 06.7 | 21.1 | -0.96 | - | 5.3 | 1.8/20.8  | 01194 |
| 2003 JJ <sub>15</sub>  | 2008 09 22.3 | 23 58.59 | +05 40.5 | 20.2 | -0.45 | - | 4.0 | 1.0/24.6  | 43172 |
| 2003 UN <sub>162</sub> | 2008 09 22.3 | 23 58.61 | -24 53.3 | 18.2 | -0.95 | + | 0.2 | 8.8/14.8  | 43189 |
| 2004 YU <sub>14</sub>  | 2008 09 22.3 | 23 58.61 | -06 35.6 | 20.1 | -0.84 | - | 5.4 | 2.4/20.2  | 76573 |
| 1999 RL <sub>7</sub>   | 2008 09 22.3 | 23 58.61 | -02 07.7 | 19.2 | -0.98 | - | 0.1 | 0.8/21.8  | 42574 |
| 1998 XB <sub>98</sub>  | 2008 09 22.3 | 23 58.62 | -36 51.8 | 19.5 | -0.99 | + | 0.5 | 11.8/09.9 | 43096 |
| 2002 LY <sub>46</sub>  | 2008 09 22.3 | 23 58.63 | -42 47.5 | 20.2 | -1.13 | - | 5.9 | 17.5/04.0 | 16216 |
| 2006 EP <sub>55</sub>  | 2008 09 22.3 | 23 58.65 | +02 02.3 | 22.1 | -0.70 | - | 5.1 | 0.5/23.1  | 02307 |
| 2005 YF <sub>84</sub>  | 2008 09 22.3 | 23 58.65 | -04 37.5 | 21.6 | -0.90 | - | 6.8 | 1.5/20.9  | 98047 |
| 2005 XO <sub>115</sub> | 2008 09 22.3 | 23 58.66 | +05 19.5 | 20.9 | -0.94 | - | 2.1 | 1.8/24.0  | 42787 |
| 2003 FJ <sub>64</sub>  | 2008 09 22.3 | 23 58.68 | -11 15.6 | 20.2 | -0.48 | - | 3.1 | 1.9/18.4  | 21792 |
| 2004 YM <sub>20</sub>  | 2008 09 22.3 | 23 58.71 | +13 33.0 | 19.1 | -0.81 | - | 3.6 | 4.5/26.9  | 43227 |
| 2001 YE <sub>50</sub>  | 2008 09 22.4 | 23 58.66 | -06 22.5 | 19.2 | -0.94 | - | 5.4 | 2.4/20.4  | 97536 |
| 2007 HQ <sub>22</sub>  | 2008 09 22.4 | 23 58.66 | -05 23.2 | 21.6 | -0.93 | - | 6.2 | 1.9/20.7  | 26278 |
| 2006 BX <sub>78</sub>  | 2008 09 22.4 | 23 58.68 | -17 59.5 | 21.2 | -0.69 | - | 5.7 | 4.3/15.9  | 02274 |
| 2004 JS <sub>29</sub>  | 2008 09 22.4 | 23 58.68 | +09 54.8 | 19.9 | -0.91 | - | 9.5 | 4.0/26.0  | 95221 |
| 1999 TP <sub>127</sub> | 2008 09 22.4 | 23 58.69 | +01 41.8 | 19.0 | -0.81 | - | 9.1 | 0.7/23.0  | 43098 |
| 2004 PU <sub>110</sub> | 2008 09 22.4 | 23 58.70 | -00 50.5 | 18.9 | -0.98 | - | 1.4 | 0.3/22.2  | 43205 |
| 2007 GD <sub>46</sub>  | 2008 09 22.4 | 23 58.72 | +01 38.1 | 20.4 | -0.83 | - | 6.7 | 0.6/23.0  | 43280 |
| 2004 TW <sub>204</sub> | 2008 09 22.4 | 23 58.74 | -04 13.9 | 20.5 | -0.87 | - | 4.3 | 1.5/21.1  | 43218 |
| 2005 WU <sub>158</sub> | 2008 09 22.4 | 23 58.75 | +09 48.9 | 18.1 | -0.90 | - | 5.9 | 4.7/25.7  | 43244 |
| 2005 BH <sub>9</sub>   | 2008 09 22.4 | 23 58.75 | -17 28.5 | 20.4 | -0.70 | - | 5.4 | 4.6/16.1  | 11078 |
| 2006 AK <sub>59</sub>  | 2008 09 22.4 | 23 58.78 | +03 53.7 | 19.9 | -0.88 | - | 5.5 | 1.7/23.7  | 42792 |
| 2006 DN <sub>68</sub>  | 2008 09 22.4 | 23 58.79 | -05 46.8 | 21.4 | -0.81 | - | 5.0 | 1.5/20.6  | 03868 |
| 2003 SY <sub>54</sub>  | 2008 09 22.4 | 23 58.81 | +10 01.3 | 18.2 | -0.89 | - | 2.0 | 3.7/25.5  | 43177 |
| 2001 QD <sub>7</sub>   | 2008 09 22.4 | 23 58.82 | +09 17.6 | 18.9 | -0.98 | - | 1.5 | 5.0/25.2  | 42584 |
| 2001 VR <sub>111</sub> | 2008 09 22.4 | 23 58.82 | -05 19.8 | 19.2 | -0.93 | - | 4.7 | 2.4/20.8  | 43136 |
| 2001 UN <sub>220</sub> | 2008 09 22.4 | 23 58.82 | -04 23.0 | 20.5 | -0.96 | - | 4.7 | 1.4/21.1  | 43135 |
| 2001 WN <sub>55</sub>  | 2008 09 22.4 | 23 58.83 | +08 19.5 | 20.4 | -0.59 | - | 4.5 | 1.9/25.5  | 43137 |
| 2002 QE <sub>111</sub> | 2008 09 22.4 | 23 58.87 | -01 49.4 | 19.8 | -0.70 | - | 6.6 | 0.5/21.8  | 43160 |
| 2008 RA <sub>4</sub>   | 2008 09 22.4 | 23 58.90 | +03 21.6 | 20.5 | -0.86 | - | 2.3 | 1.1/23.5  | 43006 |
| 2003 WS <sub>67</sub>  | 2008 09 22.4 | 23 58.91 | +13 46.4 | 20.0 | -0.71 | - | 5.6 | 4.1/27.5  | 43193 |
| 2006 EF <sub>32</sub>  | 2008 09 22.4 | 23 58.91 | +07 54.9 | 19.7 | -0.91 | - | 3.1 | 2.6/24.9  | 11164 |
| 2003 CG <sub>16</sub>  | 2008 09 22.4 | 23 58.91 | -05 58.0 | 20.6 | -0.59 | - | 5.4 | 1.3/20.3  | 24391 |
| 2008 RC <sub>30</sub>  | 2008 09 22.4 | 23 58.98 | +00 33.6 | 19.7 | -0.96 | - | 5.0 | 0.3/22.7  | 43008 |
| 2000 UM                | 2008 09 22.4 | 23 59.00 | -30 53.7 | 19.2 | -1.01 | - | 1.7 | 11.8/11.7 | 43112 |
| 2005 AT <sub>18</sub>  | 2008 09 22.4 | 23 59.01 | -05 27.5 | 20.3 | -0.73 | - | 4.9 | 1.5/20.7  | 43228 |
| 2005 YG <sub>200</sub> | 2008 09 22.4 | 23 59.03 | -10 57.4 | 21.4 | -0.91 | - | 7.4 | 3.9/18.7  | 98067 |
| 2007 CB <sub>62</sub>  | 2008 09 22.4 | 23 59.13 | +32 52.9 | 19.9 | -1.43 | + | 0.1 | 14.1/02.3 | 16082 |
| 2006 BW <sub>122</sub> | 2008 09 22.5 | 23 59.04 | -03 40.7 | 19.5 | -0.76 | - | 6.8 | 1.3/21.3  | 43254 |
| 2004 VH <sub>72</sub>  | 2008 09 22.5 | 23 59.05 | +18 46.9 | 18.6 | -0.72 | - | 8.8 | 7.5/30.0  | 43223 |
| 2002 CY <sub>53</sub>  | 2008 09 22.5 | 23 59.06 | +13 08.6 | 19.6 | -0.96 | - | 2.6 | 4.3/26.5  | 22696 |
| 2005 UY <sub>282</sub> | 2008 09 22.5 | 23 59.09 | -04 23.9 | 19.1 | -0.84 | - | 6.6 | 2.3/21.1  | 43239 |
| 2001 WH <sub>44</sub>  | 2008 09 22.5 | 23 59.11 | -07 58.9 | 20.5 | -0.61 | - | 3.4 | 1.7/19.8  | 77579 |
| 2003 UC <sub>186</sub> | 2008 09 22.5 | 23 59.15 | +13 41.4 | 19.8 | -0.75 | - | 5.2 | 4.3/27.4  | 43190 |
| 2006 JK <sub>51</sub>  | 2008 09 22.5 | 23 59.19 | -14 36.4 | 20.0 | -0.66 | - | 5.4 | 3.9/17.3  | 26171 |
| 2007 FA <sub>39</sub>  | 2008 09 22.5 | 23 59.20 | -06 21.4 | 19.9 | -1.06 | - | 0.9 | 2.2/20.9  | 22885 |
| 2006 DZ <sub>61</sub>  | 2008 09 22.5 | 23 59.21 | -05 52.3 | 21.0 | -0.78 | - | 8.4 | 1.7/20.5  | 01366 |

|                        |              |          |          |      |       |   |      |           |       |
|------------------------|--------------|----------|----------|------|-------|---|------|-----------|-------|
| 2003 UX <sub>278</sub> | 2008 09 22.5 | 23 59.23 | -20 50.8 | 19.6 | -0.88 | - | 1.1  | 6.1/16.1  | 11000 |
| 2001 EK <sub>16</sub>  | 2008 09 22.5 | 23 59.23 | -05 37.4 | 19.1 | -0.93 | - | 1.5  | 1.7/21.0  | 43119 |
| 2003 SX <sub>277</sub> | 2008 09 22.5 | 23 59.24 | +08 49.3 | 19.6 | -0.86 | - | 2.3  | 3.0/25.3  | 43182 |
| 2006 DB <sub>145</sub> | 2008 09 22.5 | 23 59.25 | -01 31.6 | 20.2 | -0.86 | - | 4.6  | 0.5/22.1  | 42805 |
| 2007 EG <sub>87</sub>  | 2008 09 22.5 | 23 59.25 | -02 06.9 | 20.1 | -0.82 | - | 7.1  | 0.6/21.9  | 43276 |
| 2003 YU <sub>91</sub>  | 2008 09 22.5 | 23 59.26 | -46 02.8 | 20.1 | -1.33 | - | 2.2  | 19.2/03.0 | 14708 |
| 2004 VC <sub>19</sub>  | 2008 09 22.5 | 23 59.28 | -13 14.4 | 19.0 | -0.90 | - | 3.5  | 5.5/18.3  | 77792 |
| 2002 PE <sub>92</sub>  | 2008 09 22.5 | 23 59.29 | +22 53.0 | 20.2 | -0.75 | - | 5.2  | 6.6/01.3  | 56450 |
| 2002 NL <sub>49</sub>  | 2008 09 22.5 | 23 59.30 | -15 46.0 | 19.8 | -0.70 | - | 6.0  | 5.8/16.9  | 19088 |
| 2004 YW <sub>1</sub>   | 2008 09 22.5 | 23 59.30 | +16 56.2 | 18.9 | -1.16 | + | 2.0  | 6.1/26.8  | 03651 |
| 2006 DB <sub>121</sub> | 2008 09 22.5 | 23 59.33 | +03 08.9 | 20.2 | -1.01 | - | 1.3  | 1.1/23.5  | 43262 |
| 2007 HL <sub>14</sub>  | 2008 09 22.5 | 23 59.34 | -02 03.0 | 20.6 | -0.86 | - | 5.2  | 0.7/21.9  | 42883 |
| 2005 WP <sub>72</sub>  | 2008 09 22.5 | 23 59.36 | +08 07.8 | 19.6 | -0.97 | - | 5.8  | 3.2/25.2  | 21351 |
| 2007 LO <sub>24</sub>  | 2008 09 22.5 | 23 59.36 | -02 34.5 | 19.7 | -0.75 | - | 5.2  | 0.8/21.7  | 43285 |
| 2001 TW <sub>152</sub> | 2008 09 22.5 | 23 59.39 | -07 04.2 | 19.4 | -0.90 | - | 6.7  | 3.1/20.2  | 43132 |
| 1998 QL <sub>5</sub>   | 2008 09 22.5 | 23 59.41 | +08 17.3 | 18.6 | -0.95 | - | 5.6  | 3.8/25.3  | 43094 |
| 2000 SN <sub>9</sub>   | 2008 09 22.5 | 23 59.48 | +14 54.0 | 19.2 | -1.57 | + | 3.3  | 7.1/25.6  | 43108 |
| 2006 BB <sub>121</sub> | 2008 09 22.6 | 23 59.38 | +20 55.4 | 19.2 | -1.07 | + | 0.8  | 8.8/28.6  | 42795 |
| 2006 GY <sub>44</sub>  | 2008 09 22.6 | 23 59.39 | +00 15.7 | 21.1 | -0.72 | - | 4.8  | 0.1/22.7  | 43267 |
| 2002 EK <sub>51</sub>  | 2008 09 22.6 | 23 59.40 | -05 13.0 | 21.3 | -0.44 | - | 4.1  | 0.8/20.7  | 26614 |
| 2005 GQ <sub>9</sub>   | 2008 09 22.6 | 23 59.41 | -05 34.0 | 20.1 | -0.61 | - | 3.5  | 1.2/20.7  | 21349 |
| 2007 LF <sub>15</sub>  | 2008 09 22.6 | 23 59.46 | +22 36.3 | 21.1 | -0.86 | - | 5.4  | 6.0/30.9  | 22593 |
| 2007 JM <sub>22</sub>  | 2008 09 22.6 | 23 59.47 | +08 02.0 | 19.3 | -0.76 | - | 8.9  | 2.7/25.6  | 43283 |
| 2002 QF <sub>124</sub> | 2008 09 22.6 | 23 59.52 | +06 01.9 | 20.0 | -0.74 | - | 5.0  | 1.9/24.7  | 42621 |
| 2002 JG <sub>16</sub>  | 2008 09 22.6 | 23 59.53 | -15 23.5 | 20.1 | -0.54 | - | 1.8  | 2.7/17.3  | 02100 |
| 2007 EA <sub>218</sub> | 2008 09 22.6 | 23 59.54 | -00 14.5 | 20.2 | -0.91 | - | 8.5  | 0.1/22.6  | 42879 |
| 2002 JQ <sub>137</sub> | 2008 09 22.6 | 23 59.57 | -41 39.5 | 19.9 | -1.67 | + | 8.4  | 21.1/12.6 | 33585 |
| 2006 EA <sub>34</sub>  | 2008 09 22.6 | 23 59.57 | -04 05.2 | 20.6 | -0.91 | - | 3.2  | 1.5/21.4  | 43264 |
| 2003 AV <sub>80</sub>  | 2008 09 22.6 | 23 59.58 | -34 58.0 | 20.2 | -1.07 | - | 2.8  | 10.0/10.6 | 48315 |
| 2003 UC <sub>382</sub> | 2008 09 22.6 | 23 59.58 | -14 36.4 | 21.0 | -0.89 | - | 1.4  | 4.5/18.3  | 42680 |
| 2001 HJ <sub>19</sub>  | 2008 09 22.6 | 23 59.58 | +10 15.0 | 20.5 | -0.71 | - | 7.1  | 3.1/26.4  | 68917 |
| 1998 HJ <sub>64</sub>  | 2008 09 22.6 | 23 59.62 | -04 58.9 | 20.1 | -0.86 | - | 4.6  | 1.6/21.1  | 97335 |
| 2001 QG <sub>266</sub> | 2008 09 22.6 | 23 59.62 | +20 05.3 | 17.7 | -0.65 | - | 9.3  | 9.9/01.2  | 43124 |
| 2001 RE <sub>83</sub>  | 2008 09 22.6 | 23 59.63 | +08 47.2 | 18.7 | -1.02 | - | 3.3  | 3.8/25.3  | 43125 |
| 2003 GQ <sub>10</sub>  | 2008 09 22.6 | 23 59.64 | -08 10.9 | 20.2 | -0.82 | - | 10.1 | 2.7/19.7  | 21326 |
| 2003 WW <sub>163</sub> | 2008 09 22.6 | 23 59.65 | -04 10.9 | 20.9 | -0.76 | - | 4.6  | 1.2/21.3  | 43195 |
| 2004 TF <sub>184</sub> | 2008 09 22.6 | 23 59.65 | +01 34.4 | 20.7 | -0.89 | - | 4.4  | 0.5/23.0  | 43217 |
| 2004 RT <sub>151</sub> | 2008 09 22.6 | 23 59.66 | -01 47.1 | 18.4 | -0.73 | - | 9.7  | 0.7/22.0  | 43209 |
| 2001 WW <sub>76</sub>  | 2008 09 22.6 | 23 59.66 | +00 42.4 | 20.3 | -0.91 | - | 6.0  | 8.9/03.0  | 43137 |
| 2001 FF <sub>173</sub> | 2008 09 22.6 | 23 59.67 | -00 34.3 | 20.4 | -0.77 | - | 5.8  | 0.2/22.5  | 43120 |
| 2002 QA <sub>71</sub>  | 2008 09 22.6 | 23 59.69 | +08 10.9 | 19.9 | -0.81 | - | 2.6  | 2.6/25.3  | 43160 |
| 2000 SU <sub>201</sub> | 2008 09 22.6 | 23 59.73 | -01 42.7 | 19.5 | -0.85 | - | 5.4  | 0.7/22.1  | 43110 |
| 2004 TO <sub>6</sub>   | 2008 09 22.6 | 23 59.74 | -27 44.5 | 18.8 | -0.77 | - | 6.9  | 11.2/11.4 | 43214 |
| 2003 UA <sub>109</sub> | 2008 09 22.6 | 23 59.74 | +03 46.5 | 20.7 | -0.72 | - | 5.3  | 1.1/24.0  | 43187 |
| 2004 RC <sub>41</sub>  | 2008 09 22.6 | 23 59.76 | -03 30.8 | 19.6 | -0.85 | - | 6.6  | 1.5/21.5  | 43207 |
| 2002 UX <sub>50</sub>  | 2008 09 22.6 | 23 59.76 | +25 17.1 | 20.8 | -0.86 | - | 2.8  | 8.0/01.8  | 10934 |
| 2008 RH <sub>3</sub>   | 2008 09 22.6 | 23 59.76 | +02 54.6 | 19.8 | -0.50 | - | 3.3  | 0.6/23.8  | 43006 |
| 2002 CB <sub>158</sub> | 2008 09 22.7 | 00 00.02 | -04 41.5 | 19.8 | -0.84 | - | 5.8  | 1.6/21.2  | 97569 |
| 2005 CZ <sub>72</sub>  | 2008 09 22.7 | 00 00.04 | +11 37.7 | 19.7 | -0.93 | - | 0.4  | 3.8/26.1  | 77815 |
| 2004 TH <sub>42</sub>  | 2008 09 22.7 | 00 00.06 | +02 35.8 | 18.6 | -0.86 | - | 3.3  | 1.2/23.6  | 43214 |
| 2002 NE <sub>61</sub>  | 2008 09 22.7 | 00 00.08 | +13 38.1 | 19.6 | -0.86 | - | 1.8  | 4.6/27.0  | 43156 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2007 EF <sub>180</sub> | 2008 09 22.7 | 00 00.09 +06 07.7 20.9 | -0.92 | - 7.4 | 2.2/24.9  | 43277 |
| 2000 BO <sub>10</sub>  | 2008 09 22.7 | 00 00.09 -15 12.4 19.8 | -0.74 | - 6.0 | 4.9/17.3  | 74717 |
| 2003 EG <sub>57</sub>  | 2008 09 22.7 | 00 00.10 -15 54.0 20.0 | -0.85 | - 7.3 | 5.2/17.3  | 19594 |
| 2003 XV <sub>38</sub>  | 2008 09 22.7 | 00 00.11 +14 49.9 19.1 | -0.81 | - 3.1 | 5.1/27.6  | 43196 |
| 2001 UX <sub>194</sub> | 2008 09 22.7 | 00 00.11 -07 49.3 20.3 | -1.00 | - 3.7 | 2.9/20.5  | 22689 |
| 2006 BL <sub>33</sub>  | 2008 09 22.7 | 00 00.13 -13 10.3 19.8 | -0.80 | - 9.2 | 4.5/17.8  | 02272 |
| 2003 SF <sub>160</sub> | 2008 09 22.7 | 00 00.13 +01 46.6 19.3 | -0.79 | - 5.1 | 0.6/23.4  | 43179 |
| 2003 CA <sub>8</sub>   | 2008 09 22.7 | 00 00.14 +06 16.4 19.3 | -1.09 | - 2.0 | 2.3/24.5  | 42635 |
| 2005 WJ <sub>119</sub> | 2008 09 22.7 | 00 00.14 -03 36.3 19.7 | -0.98 | - 5.8 | 1.4/21.6  | 43244 |
| 2006 FJ <sub>38</sub>  | 2008 09 22.7 | 00 00.14 -07 35.8 20.9 | -0.89 | - 1.3 | 2.2/20.6  | 21856 |
| 2006 WP <sub>197</sub> | 2008 09 22.7 | 00 00.14 +32 34.3 19.1 | -1.47 | + 4.6 | 17.5/01.6 | 42862 |
| 2006 CJ <sub>62</sub>  | 2008 09 22.7 | 23 59.72 -19 05.8 19.4 | -0.76 | - 5.7 | 5.6/15.8  | 01320 |
| 2006 BA <sub>69</sub>  | 2008 09 22.7 | 23 59.76 -01 12.9 20.5 | -0.88 | - 4.1 | 0.4/22.3  | 97033 |
| 2007 GT <sub>64</sub>  | 2008 09 22.7 | 23 59.80 +09 16.9 20.3 | -0.77 | - 8.1 | 3.6/26.1  | 20621 |
| 2005 UW <sub>420</sub> | 2008 09 22.7 | 23 59.83 -12 09.8 19.8 | -1.00 | - 4.1 | 4.8/19.0  | 43240 |
| 2002 EE <sub>116</sub> | 2008 09 22.7 | 23 59.83 -03 43.0 19.4 | -0.54 | - 1.7 | 0.7/21.5  | 43151 |
| 2001 DF <sub>8</sub>   | 2008 09 22.7 | 23 59.83 -18 05.0 19.4 | -0.66 | -10.4 | 6.8/15.4  | 43118 |
| 2007 GL <sub>17</sub>  | 2008 09 22.7 | 23 59.85 +11 10.7 21.7 | -0.83 | - 7.7 | 3.7/26.8  | 21363 |
| 1999 VZ <sub>117</sub> | 2008 09 22.7 | 23 59.86 +06 52.8 19.7 | -0.73 | - 9.4 | 2.1/25.3  | 43101 |
| 2004 TG <sub>208</sub> | 2008 09 22.7 | 23 59.86 +14 00.2 19.0 | -0.73 | -10.6 | 5.1/28.2  | 42724 |
| 2001 XG <sub>141</sub> | 2008 09 22.7 | 23 59.86 -02 06.1 20.5 | -0.90 | - 6.4 | 0.7/22.0  | 43139 |
| 2001 SK <sub>317</sub> | 2008 09 22.7 | 23 59.90 -03 19.4 19.8 | -0.85 | - 7.3 | 1.5/21.6  | 43129 |
| 2006 HY <sub>105</sub> | 2008 09 22.7 | 23 59.91 +20 39.0 19.6 | -0.75 | - 3.0 | 5.4/30.0  | 03906 |
| 2006 BJ <sub>264</sub> | 2008 09 22.7 | 23 59.93 -05 39.8 19.8 | -0.79 | - 5.1 | 1.9/20.9  | 43257 |
| 2004 FE <sub>16</sub>  | 2008 09 22.8 | 00 00.09 +02 42.5 20.0 | -1.07 | - 4.9 | 1.1/23.6  | 43199 |
| 1999 KK <sub>3</sub>   | 2008 09 22.8 | 00 00.10 +02 04.3 20.9 | -0.86 | - 6.6 | 0.7/23.5  | 43096 |
| 2005 AY <sub>65</sub>  | 2008 09 22.8 | 00 00.11 +02 55.0 20.2 | -0.74 | - 5.0 | 0.9/23.8  | 43228 |
| 2005 WQ <sub>39</sub>  | 2008 09 22.8 | 00 00.11 -11 43.6 19.2 | -0.95 | - 4.4 | 5.5/19.1  | 97985 |
| 2000 DG <sub>50</sub>  | 2008 09 22.8 | 00 00.11 -05 44.9 20.5 | -0.69 | - 7.1 | 1.6/20.7  | 43103 |
| 2001 TD <sub>258</sub> | 2008 09 22.8 | 00 00.11 -10 56.6 19.9 | -1.01 | - 3.9 | 4.5/19.5  | 43132 |
| 2006 CP <sub>46</sub>  | 2008 09 22.8 | 00 00.11 -03 36.0 20.0 | -0.93 | - 5.1 | 1.6/21.7  | 97165 |
| 2007 MP <sub>13</sub>  | 2008 09 22.8 | 00 00.12 -08 21.9 20.5 | -0.82 | - 7.0 | 2.7/19.9  | 41876 |
| 2002 EK <sub>58</sub>  | 2008 09 22.8 | 00 00.14 -02 06.9 20.5 | -0.83 | - 8.1 | 0.7/22.1  | 43150 |
| 2006 BW <sub>132</sub> | 2008 09 22.8 | 00 00.14 +01 15.0 20.8 | -0.83 | - 5.5 | 0.4/23.2  | 43255 |
| 2001 YV <sub>144</sub> | 2008 09 22.8 | 00 00.14 +00 49.0 19.5 | -1.00 | - 3.6 | 10.4/03.0 | 43142 |
| 2004 NU <sub>9</sub>   | 2008 09 22.8 | 00 00.15 -06 58.8 19.7 | -0.91 | - 7.1 | 2.8/20.5  | 21339 |
| 2006 BW <sub>71</sub>  | 2008 09 22.8 | 00 00.16 -04 36.4 20.2 | -0.89 | - 5.0 | 1.6/21.3  | 40414 |
| 2002 WZ <sub>8</sub>   | 2008 09 22.8 | 00 00.22 -01 28.9 19.5 | -1.10 | - 3.7 | 0.6/22.4  | 43166 |
| 2002 CH <sub>58</sub>  | 2008 09 22.8 | 00 00.22 -15 05.9 20.3 | -0.79 | - 7.7 | 4.8/17.4  | 21115 |
| 2003 SQ <sub>102</sub> | 2008 09 22.8 | 00 00.24 +07 59.3 18.7 | -0.77 | - 5.7 | 2.6/25.6  | 43178 |
| 2001 RD <sub>121</sub> | 2008 09 22.8 | 00 00.27 -04 47.3 18.5 | -0.92 | - 3.6 | 2.3/21.4  | 43125 |
| 2007 GD <sub>6</sub>   | 2008 09 22.8 | 00 00.28 +09 12.3 20.8 | -0.78 | - 9.1 | 3.1/26.3  | 26265 |
| 2001 XT <sub>220</sub> | 2008 09 22.8 | 00 00.29 +11 38.9 18.9 | -0.88 | - 6.0 | 5.1/26.8  | 43140 |
| 2006 JS <sub>37</sub>  | 2008 09 22.8 | 00 00.29 +05 46.8 20.5 | -0.67 | - 7.2 | 1.6/25.0  | 43268 |
| 2001 TV <sub>256</sub> | 2008 09 22.8 | 00 00.30 -12 11.4 19.5 | -0.83 | - 7.7 | 5.4/18.5  | 43132 |
| 2005 WC <sub>80</sub>  | 2008 09 22.8 | 00 00.31 +08 48.2 20.2 | -0.91 | - 5.8 | 3.1/25.8  | 96498 |
| 2000 DT <sub>101</sub> | 2008 09 22.8 | 00 00.31 +00 39.1 20.5 | -0.83 | - 2.0 | 6.3/03.0  | 43104 |
| 2008 RF <sub>4</sub>   | 2008 09 22.8 | 00 00.32 +01 22.4 20.0 | -0.85 | - 9.6 | 0.6/23.3  | 43006 |
| 2002 QA <sub>4</sub>   | 2008 09 22.8 | 00 00.34 -10 31.3 19.5 | -0.65 | - 8.1 | 3.5/18.8  | 43159 |
| 2004 PS <sub>3</sub>   | 2008 09 22.8 | 00 00.34 +05 24.2 19.4 | -1.00 | - 3.9 | 2.0/24.5  | 43203 |
| 2002 FS <sub>40</sub>  | 2008 09 22.8 | 00 00.36 +08 17.2 21.3 | -0.55 | - 1.6 | 1.4/25.7  | 02091 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2001 SS <sub>250</sub> | 2008 09 22.8 | 00 00.38 -04 52.2 18.7 | -0.76 | - 6.7 | 2.4/21.2  | 43129 |
| 2007 GU <sub>21</sub>  | 2008 09 22.8 | 00 00.38 -00 01.0 21.1 | -0.88 | - 6.2 | 8.5/13.0  | 43279 |
| 2006 JB <sub>50</sub>  | 2008 09 22.8 | 00 00.39 +06 27.8 19.9 | -0.68 | - 7.8 | 2.0/25.3  | 43268 |
| 2006 AE <sub>6</sub>   | 2008 09 22.8 | 00 00.39 +22 02.1 19.1 | -0.89 | - 4.5 | 7.4/30.7  | 43250 |
| 2001 XG <sub>83</sub>  | 2008 09 22.8 | 00 00.42 -02 16.1 19.9 | -0.89 | - 6.8 | 0.8/22.1  | 43139 |
| 2005 UA <sub>512</sub> | 2008 09 22.8 | 00 00.44 -07 44.2 20.2 | -0.95 | - 4.5 | 2.8/20.5  | 22802 |
| 2006 AJ <sub>100</sub> | 2008 09 22.8 | 00 00.44 +15 01.8 19.3 | -0.97 | - 2.2 | 5.9/27.5  | 43252 |
| 2007 EE <sub>173</sub> | 2008 09 22.8 | 00 00.49 +00 50.7 20.9 | -0.99 | - 6.0 | 0.3/23.1  | 43277 |
| 2005 AG <sub>74</sub>  | 2008 09 22.8 | 00 00.49 -13 57.9 20.6 | -0.71 | - 6.0 | 4.4/17.8  | 00909 |
| 1996 JM <sub>11</sub>  | 2008 09 22.8 | 00 00.51 -08 15.5 20.9 | -0.90 | - 7.0 | 3.0/20.1  | 15671 |
| 2003 UM <sub>126</sub> | 2008 09 22.9 | 00 00.47 +07 34.4 18.6 | -0.83 | - 3.0 | 2.7/25.3  | 43188 |
| 2002 EO <sub>123</sub> | 2008 09 22.9 | 00 00.47 -01 10.9 20.6 | -0.52 | - 2.5 | 0.2/22.5  | 85471 |
| 2007 EX <sub>180</sub> | 2008 09 22.9 | 00 00.49 -03 12.8 19.8 | -0.98 | - 2.0 | 1.1/22.0  | 20857 |
| 2006 DT <sub>84</sub>  | 2008 09 22.9 | 00 00.50 +03 49.6 19.4 | -0.83 | - 4.2 | 1.4/24.1  | 43261 |
| 2002 GN <sub>182</sub> | 2008 09 22.9 | 00 00.50 -08 19.5 19.9 | -0.84 | - 4.4 | 2.8/20.2  | 43154 |
| 2003 UF <sub>294</sub> | 2008 09 22.9 | 00 00.52 +03 45.7 18.4 | -0.89 | - 1.8 | 1.3/24.0  | 43192 |
| 2005 VD <sub>16</sub>  | 2008 09 22.9 | 00 00.53 +33 14.1 19.2 | -1.01 | - 6.8 | 10.8/05.5 | 96360 |
| 2000 AC <sub>226</sub> | 2008 09 22.9 | 00 00.55 +01 44.6 20.4 | -0.76 | - 4.7 | 0.5/23.5  | 43103 |
| 2003 UW <sub>108</sub> | 2008 09 22.9 | 00 00.55 +05 21.3 19.2 | -0.73 | - 6.1 | 1.8/24.8  | 43187 |
| 2001 FL <sub>121</sub> | 2008 09 22.9 | 00 00.57 +17 14.9 20.0 | -0.82 | - 3.3 | 4.6/28.8  | 97436 |
| 2000 JX <sub>3</sub>   | 2008 09 22.9 | 00 00.59 +11 27.8 19.4 | -0.80 | -16.7 | 4.1/27.7  | 43106 |
| 2002 RS <sub>255</sub> | 2008 09 22.9 | 00 00.59 +21 40.1 21.0 | -0.78 | - 3.8 | 5.5/30.6  | 21321 |
| 2006 AF <sub>33</sub>  | 2008 09 22.9 | 00 00.62 -09 06.0 21.0 | -0.96 | - 5.3 | 3.2/20.0  | 03832 |
| 2005 CU <sub>78</sub>  | 2008 09 22.9 | 00 00.64 +01 46.5 20.1 | -0.62 | - 3.8 | 0.4/23.5  | 43230 |
| 2005 CT <sub>24</sub>  | 2008 09 22.9 | 00 00.66 -00 33.8 20.3 | -0.70 | - 7.4 | 0.2/22.7  | 43229 |
| 2005 UT <sub>445</sub> | 2008 09 22.9 | 00 00.66 -10 18.8 18.5 | -0.94 | - 4.8 | 4.8/19.7  | 43241 |
| 2005 UC <sub>176</sub> | 2008 09 22.9 | 00 00.71 -15 35.3 21.0 | -1.07 | - 2.0 | 6.0/18.6  | 18143 |
| 2004 XB <sub>109</sub> | 2008 09 22.9 | 00 00.72 +24 09.9 18.5 | -0.86 | - 4.5 | 8.9/01.7  | 41823 |
| 2002 PZ <sub>122</sub> | 2008 09 22.9 | 00 00.72 +15 20.7 20.1 | -0.78 | - 4.1 | 4.5/28.2  | 42617 |
| 2004 LJ <sub>2</sub>   | 2008 09 22.9 | 00 00.72 +06 09.1 19.8 | -0.97 | - 6.7 | 2.3/25.0  | 43201 |
| 2001 UJ <sub>80</sub>  | 2008 09 22.9 | 00 00.73 +01 13.5 19.5 | -0.91 | - 7.0 | 10.9/03.0 | 43134 |
| 2004 TS <sub>228</sub> | 2008 09 22.9 | 00 00.75 -04 01.3 19.7 | -0.94 | - 3.2 | 1.5/21.7  | 02221 |
| 2001 HY <sub>19</sub>  | 2008 09 22.9 | 00 00.80 +00 17.5 19.9 | -0.68 | - 9.4 | 7.3/13.0  | 43120 |
| 2006 DS <sub>146</sub> | 2008 09 22.9 | 00 00.82 +04 18.9 20.6 | -0.87 | - 2.6 | 1.3/24.3  | 11162 |
| 2002 QR <sub>76</sub>  | 2008 09 22.9 | 00 00.83 +03 54.7 19.1 | -0.66 | -10.3 | 1.2/24.5  | 43160 |
| 2004 FR <sub>60</sub>  | 2008 09 22.9 | 00 00.85 -11 41.0 19.7 | -0.90 | - 7.7 | 5.0/19.0  | 43199 |
| 2004 OB <sub>9</sub>   | 2008 09 23.0 | 00 00.83 +03 24.8 18.8 | -0.87 | - 5.9 | 1.5/24.1  | 42702 |
| 2005 YB <sub>267</sub> | 2008 09 23.0 | 00 00.83 -05 17.8 20.3 | -0.85 | - 6.0 | 2.0/21.2  | 43250 |
| 2006 HM <sub>19</sub>  | 2008 09 23.0 | 00 00.83 -00 03.6 20.6 | -0.70 | - 6.6 | 0.0/23.0  | 43267 |
| 2002 RH <sub>113</sub> | 2008 09 23.0 | 00 00.87 +05 30.5 19.1 | -0.85 | - 1.6 | 1.7/24.6  | 43162 |
| 2007 HX <sub>60</sub>  | 2008 09 23.0 | 00 00.88 -08 30.1 20.8 | -0.86 | - 5.6 | 2.7/20.2  | 38131 |
| 2003 UX <sub>187</sub> | 2008 09 23.0 | 00 00.91 +13 26.0 18.8 | -0.74 | - 5.7 | 4.6/27.8  | 42672 |
| 2003 DM <sub>1</sub>   | 2008 09 23.0 | 00 00.93 -08 23.6 23.9 | -0.83 | - 7.7 | 2.3/20.1  | 20301 |
| 1998 RN <sub>43</sub>  | 2008 09 23.0 | 00 00.95 +06 15.1 18.3 | -0.95 | - 0.7 | 3.3/24.8  | 42571 |
| 2006 DJ <sub>132</sub> | 2008 09 23.0 | 00 00.97 -07 15.2 19.9 | -0.80 | - 6.0 | 2.6/20.5  | 97209 |
| 2006 AX <sub>9</sub>   | 2008 09 23.0 | 00 00.99 +11 03.8 19.8 | -0.85 | - 6.1 | 3.5/26.8  | 96891 |
| 2001 SS <sub>113</sub> | 2008 09 23.0 | 00 01.00 +06 00.8 18.6 | -0.72 | - 5.1 | 3.1/25.1  | 43127 |
| 2006 EH <sub>33</sub>  | 2008 09 23.0 | 00 01.00 +00 20.0 19.6 | -0.73 | -10.7 | 0.1/23.1  | 42808 |
| 2006 DZ <sub>2</sub>   | 2008 09 23.0 | 00 01.02 -03 50.3 19.4 | -0.79 | - 8.2 | 1.7/21.6  | 43259 |
| 2007 JA <sub>17</sub>  | 2008 09 23.0 | 00 01.03 -02 20.8 21.0 | -0.88 | - 6.6 | 0.8/22.2  | 21231 |
| 2006 ED <sub>23</sub>  | 2008 09 23.0 | 00 01.05 -02 19.0 20.8 | -0.79 | - 4.5 | 0.8/22.3  | 42808 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 EG <sub>67</sub>  | 2008 09 23.0 | 00 01.09 -04 34.4 20.7 | -0.89 - 8.9 | 1.8/21.4  | 42875 |
| 2003 TM <sub>3</sub>   | 2008 09 23.0 | 00 01.11 +00 14.8 18.4 | -0.65 -11.1 | 0.0/23.1  | 43184 |
| 2004 RX <sub>118</sub> | 2008 09 23.0 | 00 01.13 +02 26.1 19.9 | -0.82 - 6.0 | 1.0/23.9  | 42708 |
| 2003 WO <sub>153</sub> | 2008 09 23.0 | 00 01.17 -11 56.8 18.7 | -0.63 -11.8 | 4.2/18.1  | 43195 |
| 2006 BU <sub>103</sub> | 2008 09 23.0 | 00 01.17 -05 47.4 19.4 | -0.78 - 7.5 | 2.1/21.0  | 43254 |
| 2001 YV <sub>8</sub>   | 2008 09 23.0 | 00 01.19 -07 02.8 20.2 | -0.95 - 4.4 | 2.6/20.9  | 94415 |
| 2004 HK <sub>44</sub>  | 2008 09 23.1 | 00 01.16 +07 38.8 19.4 | -1.01 - 6.2 | 3.0/25.5  | 18071 |
| 2005 JG <sub>89</sub>  | 2008 09 23.1 | 00 01.22 -01 45.2 20.8 | -0.59 - 3.5 | 0.4/22.5  | 42757 |
| 2002 AZ <sub>87</sub>  | 2008 09 23.1 | 00 01.22 -04 41.3 18.6 | -0.74 - 7.0 | 2.3/21.4  | 43143 |
| 2004 TK <sub>34</sub>  | 2008 09 23.1 | 00 01.24 +01 46.2 20.5 | -0.85 - 5.8 | 0.6/23.7  | 43214 |
| 2001 UK <sub>97</sub>  | 2008 09 23.1 | 00 01.28 -10 43.3 20.1 | -0.98 - 4.1 | 4.1/19.8  | 21307 |
| 1999 VV <sub>41</sub>  | 2008 09 23.1 | 00 01.29 +01 49.2 20.1 | -0.87 - 3.7 | 0.6/23.7  | 42577 |
| 2004 TR <sub>165</sub> | 2008 09 23.1 | 00 01.31 +04 36.3 20.5 | -0.82 - 7.3 | 1.4/24.7  | 42723 |
| 2005 AZ <sub>57</sub>  | 2008 09 23.1 | 00 01.32 -12 34.4 19.8 | -0.89 - 3.4 | 3.9/19.1  | 02239 |
| 2000 KA <sub>22</sub>  | 2008 09 23.1 | 00 01.33 -05 17.3 20.6 | -0.95 - 5.5 | 1.9/21.4  | 43106 |
| 2005 AS <sub>57</sub>  | 2008 09 23.1 | 00 01.34 -20 24.1 21.6 | -0.75 - 3.5 | 4.9/16.0  | 89618 |
| 2003 UW <sub>253</sub> | 2008 09 23.1 | 00 01.40 -04 12.9 19.3 | -0.81 - 3.4 | 1.6/21.8  | 43191 |
| 2003 XZ <sub>8</sub>   | 2008 09 23.1 | 00 01.43 +01 26.0 18.3 | -1.00 + 1.4 | 0.5/23.5  | 42685 |
| 2007 EG <sub>27</sub>  | 2008 09 23.1 | 00 01.48 -02 46.8 20.5 | -0.92 - 4.3 | 1.0/22.3  | 43275 |
| 2008 RC <sub>11</sub>  | 2008 09 23.1 | 00 01.48 -05 41.2 19.0 | -0.78 -11.6 | 2.3/21.0  | 43007 |
| 2007 HO                | 2008 09 23.1 | 00 01.50 +36 00.6 18.6 | -0.91 -10.0 | 16.1/09.6 | 26275 |
| 2001 RG <sub>28</sub>  | 2008 09 23.1 | 00 01.51 -00 16.6 19.3 | -0.88 - 8.6 | 0.2/23.0  | 17943 |
| 2002 QB <sub>20</sub>  | 2008 09 23.1 | 00 01.53 +12 54.8 19.1 | -0.77 - 3.3 | 3.8/27.4  | 43159 |
| 2004 TJ <sub>206</sub> | 2008 09 23.1 | 00 01.57 +05 23.7 19.7 | -0.79 - 6.9 | 1.8/25.0  | 42724 |
| 2002 YX <sub>25</sub>  | 2008 09 23.1 | 00 01.58 -11 08.4 19.1 | -0.96 - 6.9 | 4.8/19.4  | 94883 |
| 2006 HQ <sub>12</sub>  | 2008 09 23.1 | 00 01.59 -00 32.7 19.8 | -0.81 - 4.5 | 0.2/23.0  | 43267 |
| 2003 WE <sub>24</sub>  | 2008 09 23.1 | 00 01.64 -47 40.4 20.1 | -1.58 + 4.2 | 22.5/08.0 | 58049 |
| 2006 DJ <sub>212</sub> | 2008 09 23.2 | 00 01.53 +04 28.3 19.5 | -0.87 - 4.2 | 1.6/24.6  | 43264 |
| 2001 TR <sub>101</sub> | 2008 09 23.2 | 00 01.53 +00 14.0 18.7 | -0.88 - 4.6 | 0.0/23.2  | 42595 |
| 1999 UG <sub>18</sub>  | 2008 09 23.2 | 00 01.54 -05 53.8 20.9 | -0.84 - 4.4 | 2.0/21.3  | 97357 |
| 2001 QT <sub>112</sub> | 2008 09 23.2 | 00 01.54 +12 04.9 17.8 | -0.77 - 9.7 | 5.4/27.7  | 43122 |
| 2004 XP <sub>124</sub> | 2008 09 23.2 | 00 01.57 -37 47.4 20.8 | -0.88 - 1.7 | 8.7/09.0  | 77795 |
| 2007 JG <sub>19</sub>  | 2008 09 23.2 | 00 01.58 -00 53.3 21.4 | -0.91 - 7.7 | 0.4/22.9  | 41346 |
| 2006 AV <sub>34</sub>  | 2008 09 23.2 | 00 01.59 +06 50.7 20.7 | -0.93 - 4.9 | 2.6/25.3  | 42792 |
| 2000 BK <sub>7</sub>   | 2008 09 23.2 | 00 01.59 -15 59.3 19.2 | -0.75 - 5.7 | 5.2/17.4  | 01993 |
| 2000 FE <sub>33</sub>  | 2008 09 23.2 | 00 01.61 -09 18.3 19.7 | -1.03 - 3.4 | 3.7/20.5  | 43105 |
| 2007 GM <sub>29</sub>  | 2008 09 23.2 | 00 01.64 +01 23.0 19.9 | -0.92 - 5.0 | 0.4/23.6  | 42881 |
| 2003 UP <sub>38</sub>  | 2008 09 23.2 | 00 01.64 -05 29.7 19.1 | -0.88 - 1.1 | 1.9/21.6  | 43186 |
| 2005 EJ <sub>74</sub>  | 2008 09 23.2 | 00 01.67 +03 23.4 20.3 | -0.73 - 5.2 | 0.9/24.3  | 43230 |
| 2003 SJ <sub>132</sub> | 2008 09 23.2 | 00 01.67 -07 56.7 19.7 | -0.84 - 2.1 | 2.4/20.8  | 10984 |
| 2001 WT <sub>46</sub>  | 2008 09 23.2 | 00 01.67 +03 33.3 20.4 | -0.92 - 6.4 | 1.2/24.3  | 43137 |
| 2005 YO <sub>13</sub>  | 2008 09 23.2 | 00 01.67 -04 11.5 20.0 | -0.86 - 6.1 | 1.6/21.8  | 43246 |
| 2003 US <sub>266</sub> | 2008 09 23.2 | 00 01.69 -21 18.9 19.5 | -0.86 - 1.3 | 6.6/16.5  | 43191 |
| 2005 TF <sub>143</sub> | 2008 09 23.2 | 00 01.70 -09 32.8 20.3 | -1.06 - 3.6 | 4.4/20.4  | 18134 |
| 2007 EL <sub>111</sub> | 2008 09 23.2 | 00 01.76 -05 16.0 21.0 | -0.91 - 4.1 | 1.9/21.6  | 20855 |
| 2007 JN <sub>18</sub>  | 2008 09 23.2 | 00 01.79 -28 57.2 20.9 | -0.81 - 3.6 | 8.6/13.0  | 20886 |
| 2005 VC <sub>107</sub> | 2008 09 23.2 | 00 01.80 -03 19.5 20.7 | -0.99 - 5.4 | 1.3/22.2  | 43242 |
| 2004 JG <sub>10</sub>  | 2008 09 23.2 | 00 01.80 -22 28.5 18.7 | -0.90 - 6.9 | 9.3/15.3  | 18072 |
| 2003 EJ <sub>23</sub>  | 2008 09 23.2 | 00 01.83 -05 44.1 20.4 | -0.93 - 5.6 | 2.0/21.4  | 43168 |
| 2003 YO <sub>17</sub>  | 2008 09 23.2 | 00 01.84 -54 37.3 20.3 | -1.37 + 5.5 | 27.9/08.0 | 87600 |
| 2004 XK <sub>123</sub> | 2008 09 23.2 | 00 01.89 -17 52.5 20.3 | -0.77 - 3.9 | 4.7/17.1  | 02233 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1998 WW <sub>37</sub>  | 2008 09 23.2 | 00 01.93 -37 12.1 21.1 | -0.67 - 0.2 | 6.4/09.4  | 18182 |
| 2003 AF <sub>33</sub>  | 2008 09 23.2 | 00 01.96 -01 46.9 20.2 | -1.00 - 6.0 | 0.8/22.7  | 22727 |
| 2000 UF <sub>14</sub>  | 2008 09 23.3 | 00 01.90 +34 20.9 19.6 | -0.70 -14.9 | 12.5/10.1 | 10751 |
| 2004 SC <sub>48</sub>  | 2008 09 23.3 | 00 01.91 +17 23.9 18.7 | -0.75 - 8.2 | 6.8/29.9  | 42718 |
| 2006 FT <sub>45</sub>  | 2008 09 23.3 | 00 01.92 -02 57.2 20.6 | -0.73 - 4.4 | 0.8/22.3  | 43266 |
| 2000 QJ <sub>25</sub>  | 2008 09 23.3 | 00 01.93 +14 25.5 19.0 | -1.74 +10.5 | 8.0/25.1  | 43107 |
| 2006 DB <sub>55</sub>  | 2008 09 23.3 | 00 01.94 +00 39.4 20.1 | -0.85 - 3.9 | 0.2/23.5  | 43260 |
| 2003 UO <sub>100</sub> | 2008 09 23.3 | 00 01.95 -10 44.5 18.2 | -0.76 - 4.4 | 4.0/19.6  | 21335 |
| 2003 NU <sub>4</sub>   | 2008 09 23.3 | 00 01.97 -08 56.4 19.6 | -0.74 -11.8 | 3.4/19.8  | 43173 |
| 2002 ED <sub>72</sub>  | 2008 09 23.3 | 00 01.97 -00 56.7 19.4 | -0.56 - 1.4 | 0.2/22.9  | 43150 |
| 2003 US <sub>317</sub> | 2008 09 23.3 | 00 02.01 -00 25.7 20.5 | -0.80 - 4.4 | 0.2/23.1  | 42677 |
| 2000 XF <sub>53</sub>  | 2008 09 23.3 | 00 02.02 -24 08.8 18.6 | -1.00 - 0.4 | 9.3/15.9  | 21302 |
| 2007 ET <sub>96</sub>  | 2008 09 23.3 | 00 02.04 -03 46.3 19.8 | -1.06 - 0.2 | 1.6/22.3  | 43276 |
| 2004 TH <sub>273</sub> | 2008 09 23.3 | 00 02.05 +09 02.4 19.8 | -0.82 - 6.1 | 3.1/26.4  | 97762 |
| 2003 UD <sub>143</sub> | 2008 09 23.3 | 00 02.05 -07 05.4 18.3 | -0.86 - 1.7 | 2.4/21.2  | 43188 |
| 2004 TY <sub>75</sub>  | 2008 09 23.3 | 00 02.06 -09 24.1 18.7 | -0.88 - 2.3 | 4.7/20.3  | 43215 |
| 2005 VW <sub>30</sub>  | 2008 09 23.3 | 00 02.06 -09 47.3 18.6 | -0.91 - 4.2 | 4.9/20.2  | 43242 |
| 2002 PQ <sub>106</sub> | 2008 09 23.3 | 00 02.12 +12 39.5 19.2 | -0.73 - 5.1 | 3.9/27.7  | 43158 |
| 2004 TQ <sub>23</sub>  | 2008 09 23.3 | 00 02.14 +01 38.5 19.4 | -0.89 - 2.7 | 0.6/23.8  | 42719 |
| 2004 LM                | 2008 09 23.3 | 00 02.19 +14 12.2 20.0 | -0.86 -14.9 | 4.8/29.0  | 43201 |
| 2003 UH <sub>9</sub>   | 2008 09 23.4 | 00 02.25 -52 53.3 19.7 | -1.52 + 3.3 | 24.7/08.0 | 56948 |
| 2006 EJ <sub>47</sub>  | 2008 09 23.4 | 00 02.25 +00 10.2 19.9 | -0.89 - 1.6 | 0.0/23.4  | 43265 |
| 2002 RT <sub>248</sub> | 2008 09 23.4 | 00 02.26 -05 04.4 20.4 | -0.65 - 7.9 | 1.5/21.4  | 43163 |
| 2000 BX <sub>19</sub>  | 2008 09 23.4 | 00 02.26 -01 28.4 21.3 | -0.72 - 5.1 | 0.5/22.8  | 01993 |
| 2005 WJ <sub>196</sub> | 2008 09 23.4 | 00 02.27 +02 37.0 21.2 | -0.75 - 3.9 | 0.6/24.2  | 42785 |
| 2007 CT <sub>58</sub>  | 2008 09 23.4 | 00 02.29 -08 54.3 19.7 | -1.06 - 3.2 | 3.6/20.8  | 22875 |
| 2007 HK <sub>18</sub>  | 2008 09 23.4 | 00 02.31 -00 35.3 20.9 | -0.92 - 6.4 | 0.3/23.1  | 43281 |
| 2002 QN <sub>14</sub>  | 2008 09 23.4 | 00 02.32 +13 10.3 19.8 | -0.74 - 4.8 | 4.0/27.9  | 43159 |
| 2003 TG <sub>14</sub>  | 2008 09 23.4 | 00 02.33 +17 03.3 18.6 | -0.85 - 2.3 | 6.2/28.9  | 43184 |
| 2002 GY <sub>65</sub>  | 2008 09 23.4 | 00 02.35 -00 07.3 19.8 | -0.80 - 6.8 | 0.1/23.3  | 43153 |
| 1999 BW <sub>31</sub>  | 2008 09 23.4 | 00 02.40 +03 38.2 20.8 | -0.74 - 4.1 | 1.0/24.6  | 74598 |
| 2001 XZ <sub>231</sub> | 2008 09 23.4 | 00 02.41 +00 07.1 19.7 | -0.94 - 5.4 | 0.1/23.4  | 43141 |
| 2008 RZ <sub>10</sub>  | 2008 09 23.4 | 00 02.41 -04 09.8 19.4 | -0.69 - 8.2 | 1.6/21.8  | 43007 |
| 2001 SL <sub>242</sub> | 2008 09 23.4 | 00 02.46 -05 33.3 19.8 | -1.05 - 1.4 | 2.7/21.9  | 22853 |
| 2005 UC <sub>364</sub> | 2008 09 23.4 | 00 02.47 -12 34.5 20.7 | -1.01 - 4.2 | 5.4/19.6  | 96289 |
| 2000 SX <sub>72</sub>  | 2008 09 23.4 | 00 02.47 -08 07.0 18.3 | -1.02 + 0.6 | 4.2/21.2  | 74021 |
| 2001 SJ <sub>293</sub> | 2008 09 23.4 | 00 02.49 +01 48.6 19.7 | -1.01 - 4.2 | 0.6/23.9  | 43129 |
| 2007 JZ <sub>19</sub>  | 2008 09 23.4 | 00 02.50 -04 30.9 20.0 | -0.77 - 5.2 | 1.6/21.9  | 43283 |
| 2006 DV <sub>78</sub>  | 2008 09 23.4 | 00 02.53 +03 04.4 20.7 | -0.82 - 4.8 | 0.9/24.4  | 43261 |
| 2000 WH <sub>167</sub> | 2008 09 23.4 | 00 02.53 +02 58.4 19.3 | -0.80 - 8.6 | 1.1/24.4  | 43115 |
| 2002 JH <sub>41</sub>  | 2008 09 23.4 | 00 02.61 -02 19.9 20.3 | -0.83 - 4.4 | 0.8/22.6  | 94772 |
| 2001 TX <sub>208</sub> | 2008 09 23.4 | 00 02.61 -04 32.5 19.5 | -0.77 - 9.9 | 2.2/21.7  | 43132 |
| 2000 SL <sub>292</sub> | 2008 09 23.5 | 00 02.59 +22 48.5 18.5 | -0.75 - 6.9 | 10.0/02.1 | 43111 |
| 2003 EU <sub>31</sub>  | 2008 09 23.5 | 00 02.59 +05 03.7 20.8 | -0.91 - 7.1 | 1.6/25.1  | 21325 |
| 2005 VX <sub>29</sub>  | 2008 09 23.5 | 00 02.60 -04 42.3 20.5 | -0.94 - 6.0 | 1.7/21.9  | 01100 |
| 2004 VZ <sub>21</sub>  | 2008 09 23.5 | 00 02.64 -06 27.2 18.4 | -0.78 - 4.7 | 3.0/21.3  | 43222 |
| 2006 EL <sub>67</sub>  | 2008 09 23.5 | 00 02.64 -03 58.1 20.4 | -0.84 - 4.8 | 1.3/22.1  | 43265 |
| 2003 HQ <sub>37</sub>  | 2008 09 23.5 | 00 02.68 +05 50.0 20.7 | -0.89 - 5.7 | 1.7/25.3  | 43172 |
| 2003 UJ <sub>205</sub> | 2008 09 23.5 | 00 02.70 -00 08.9 18.6 | -0.87 - 1.7 | 0.1/23.4  | 43190 |
| 2004 VR <sub>61</sub>  | 2008 09 23.5 | 00 02.70 -03 59.0 17.6 | -0.56 -15.6 | 1.8/21.7  | 43223 |
| 2006 BW <sub>57</sub>  | 2008 09 23.5 | 00 02.71 +17 41.9 20.0 | -0.85 - 4.9 | 5.4/29.5  | 02274 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 EY <sub>7</sub>   | 2008 09 23.5 | 00 02.72 -00 54.7 21.2 | -0.80 - 5.5 | 0.4/23.1  | 43264 |
| 2007 JP <sub>21</sub>  | 2008 09 23.5 | 00 02.73 +03 18.2 19.5 | -0.72 - 6.6 | 1.0/24.6  | 43283 |
| 2006 AL <sub>64</sub>  | 2008 09 23.5 | 00 02.73 -11 55.9 20.1 | -0.90 - 8.1 | 5.3/19.1  | 01214 |
| 2004 TN <sub>80</sub>  | 2008 09 23.5 | 00 02.75 +05 52.3 19.4 | -0.79 - 7.1 | 2.4/25.5  | 43215 |
| 2007 FF <sub>12</sub>  | 2008 09 23.5 | 00 02.81 -03 38.5 20.6 | -1.00 - 4.0 | 1.5/22.4  | 43278 |
| 2003 UH <sub>271</sub> | 2008 09 23.5 | 00 02.81 -25 01.8 19.9 | -0.74 - 4.5 | 6.4/14.2  | 00651 |
| 2007 GC <sub>75</sub>  | 2008 09 23.5 | 00 02.81 -02 28.9 18.6 | -0.75 - 7.1 | 1.0/22.6  | 43280 |
| 2004 XF <sub>125</sub> | 2008 09 23.5 | 00 02.81 -16 47.5 19.3 | -1.01 - 0.8 | 6.3/18.5  | 02234 |
| 2001 YD <sub>20</sub>  | 2008 09 23.5 | 00 02.83 +04 32.0 20.4 | -0.94 - 5.6 | 1.7/24.9  | 43141 |
| 2001 VH <sub>40</sub>  | 2008 09 23.5 | 00 02.84 -11 56.9 19.3 | -0.95 - 4.4 | 4.5/19.7  | 43136 |
| 2006 EK <sub>44</sub>  | 2008 09 23.5 | 00 02.85 -24 15.5 20.9 | -0.75 - 3.8 | 5.9/14.8  | 02306 |
| 2004 TM <sub>324</sub> | 2008 09 23.5 | 00 02.86 +05 15.7 18.7 | -1.16 + 2.2 | 2.2/24.7  | 42726 |
| 2002 OG <sub>29</sub>  | 2008 09 23.5 | 00 02.87 -01 59.9 20.3 | -0.66 - 7.6 | 0.7/22.7  | 43157 |
| 2004 PF <sub>113</sub> | 2008 09 23.5 | 00 02.87 +08 35.5 19.5 | -1.04 - 4.2 | 3.5/26.1  | 43205 |
| 2006 GW <sub>48</sub>  | 2008 09 23.5 | 00 02.87 +12 52.5 20.5 | -0.70 - 7.5 | 3.4/28.2  | 04373 |
| 2000 KE <sub>74</sub>  | 2008 09 23.5 | 00 02.90 -06 50.7 20.2 | -0.91 - 7.2 | 2.7/21.2  | 19051 |
| 2006 BG <sub>114</sub> | 2008 09 23.5 | 00 02.90 -06 18.3 20.0 | -0.83 - 7.1 | 3.0/21.3  | 42795 |
| 2002 PO <sub>63</sub>  | 2008 09 23.5 | 00 02.93 -40 21.5 19.3 | -0.67 - 7.0 | 14.2/08.0 | 42616 |
| 2002 RV <sub>255</sub> | 2008 09 23.5 | 00 02.93 +14 16.7 20.1 | -0.75 - 4.4 | 3.9/28.4  | 00359 |
| 2001 QL <sub>34</sub>  | 2008 09 23.5 | 00 02.95 +12 32.9 17.8 | -1.00 - 1.3 | 6.3/27.2  | 42585 |
| 2007 ER <sub>79</sub>  | 2008 09 23.5 | 00 02.95 +03 14.6 19.2 | -0.76 - 8.6 | 1.2/24.6  | 43276 |
| 2007 CZ <sub>20</sub>  | 2008 09 23.5 | 00 02.97 -06 32.9 20.9 | -0.95 - 8.0 | 2.6/21.3  | 40451 |
| 2002 CK <sub>41</sub>  | 2008 09 23.5 | 00 02.97 -15 34.6 20.6 | -0.80 -11.4 | 4.5/17.4  | 02071 |
| 2004 VX <sub>22</sub>  | 2008 09 23.5 | 00 02.98 +03 26.9 19.4 | -0.86 - 5.8 | 1.2/24.6  | 77792 |
| 2003 SD <sub>13</sub>  | 2008 09 23.5 | 00 02.99 -01 23.8 18.9 | -0.76 - 5.9 | 0.6/23.0  | 43176 |
| 2002 CK <sub>31</sub>  | 2008 09 23.5 | 00 03.02 +05 08.5 18.9 | -1.03 - 1.2 | 1.8/24.9  | 43145 |
| 2006 BA <sub>71</sub>  | 2008 09 23.5 | 00 03.03 +03 45.3 21.6 | -0.93 - 3.4 | 1.1/24.6  | 01241 |
| 2001 SB <sub>175</sub> | 2008 09 23.6 | 00 02.95 -07 15.2 18.1 | -0.90 - 3.2 | 3.8/21.3  | 17951 |
| 2003 UR <sub>2</sub>   | 2008 09 23.6 | 00 02.97 -18 27.5 21.7 | -0.96 - 0.2 | 5.1/18.1  | 57985 |
| 2006 CJ <sub>9</sub>   | 2008 09 23.6 | 00 03.00 -02 53.0 20.9 | -0.82 - 6.5 | 1.0/22.5  | 02284 |
| 2006 BU <sub>198</sub> | 2008 09 23.6 | 00 03.00 +05 20.9 20.5 | -0.86 - 3.6 | 1.4/25.2  | 02281 |
| 2006 DK <sub>65</sub>  | 2008 09 23.6 | 00 03.01 -13 14.6 22.0 | -0.88 - 5.6 | 4.0/19.0  | 01369 |
| 2003 WA <sub>71</sub>  | 2008 09 23.6 | 00 03.03 -27 13.0 17.9 | -1.31 + 7.3 | 11.1/18.0 | 43193 |
| 2004 RH <sub>322</sub> | 2008 09 23.6 | 00 03.09 +07 26.8 18.5 | -0.88 - 7.4 | 2.9/26.1  | 43212 |
| 2005 UM <sub>245</sub> | 2008 09 23.6 | 00 03.10 +01 23.9 19.5 | -1.03 - 4.2 | 0.4/23.9  | 42777 |
| 2005 EP <sub>279</sub> | 2008 09 23.6 | 00 03.11 +22 10.3 19.7 | -0.79 - 3.7 | 6.4/01.3  | 86669 |
| 2000 SQ <sub>279</sub> | 2008 09 23.6 | 00 03.14 -21 37.4 18.4 | -0.83 - 3.9 | 9.5/16.1  | 40667 |
| 2006 BF <sub>125</sub> | 2008 09 23.6 | 00 03.19 +07 21.5 18.9 | -0.97 - 1.1 | 2.9/25.6  | 42795 |
| 2005 AC <sub>30</sub>  | 2008 09 23.6 | 00 03.21 -20 23.3 19.9 | -0.78 - 2.9 | 5.5/16.7  | 09103 |
| 2001 XO <sub>15</sub>  | 2008 09 23.6 | 00 03.21 +11 08.9 19.8 | -0.96 - 3.5 | 5.0/26.9  | 13846 |
| 2007 ER <sub>175</sub> | 2008 09 23.6 | 00 03.21 +03 47.1 20.2 | -0.88 - 7.7 | 1.3/24.8  | 43277 |
| 2005 WD <sub>57</sub>  | 2008 09 23.6 | 00 03.22 +03 56.0 19.1 | -0.94 - 7.0 | 1.6/24.8  | 43243 |
| 2004 HP <sub>4</sub>   | 2008 09 23.6 | 00 03.23 -08 00.6 19.4 | -1.05 - 4.1 | 3.5/21.2  | 43200 |
| 2003 QK <sub>94</sub>  | 2008 09 23.6 | 00 03.23 -10 06.5 18.3 | -0.80 - 0.4 | 4.9/20.6  | 43175 |
| 2004 TG <sub>168</sub> | 2008 09 23.6 | 00 03.24 -30 48.5 19.5 | -1.54 + 5.2 | 11.8/16.3 | 00814 |
| 2003 UY <sub>233</sub> | 2008 09 23.6 | 00 03.25 -01 19.5 19.7 | -0.81 - 2.7 | 0.5/23.1  | 43191 |
| 2006 BL <sub>220</sub> | 2008 09 23.6 | 00 03.27 +02 05.2 20.7 | -0.88 - 4.4 | 0.6/24.2  | 43257 |
| 2004 RC <sub>220</sub> | 2008 09 23.6 | 00 03.28 +25 09.1 18.2 | -1.03 + 4.9 | 12.9/30.5 | 74352 |
| 2001 KH <sub>31</sub>  | 2008 09 23.6 | 00 03.28 -10 22.8 19.1 | -1.09 - 2.7 | 4.8/20.7  | 43120 |
| 1999 GP <sub>56</sub>  | 2008 09 23.6 | 00 03.29 -01 12.0 20.9 | -0.93 - 4.8 | 0.5/23.2  | 43096 |
| 2002 RU <sub>193</sub> | 2008 09 23.6 | 00 03.30 +03 07.5 19.3 | -0.80 - 2.5 | 0.8/24.5  | 43162 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 QN <sub>247</sub> | 2008 09 23.6 | 00 03.30 -05 29.9 18.0 | -0.83 - 6.5 | 2.8/21.7  | 43123 |
| 2005 WQ <sub>171</sub> | 2008 09 23.6 | 00 03.30 +01 25.1 18.2 | -0.81 - 6.7 | 0.5/24.0  | 43244 |
| 2008 QP <sub>13</sub>  | 2008 09 23.6 | 00 03.31 +03 33.2 18.7 | -1.02 - 1.1 | 1.7/24.6  | 43001 |
| 2004 VK <sub>17</sub>  | 2008 09 23.6 | 00 03.33 +01 53.9 19.9 | -0.85 - 6.3 | 0.6/24.2  | 43222 |
| 2004 XW <sub>48</sub>  | 2008 09 23.6 | 00 03.34 -04 27.8 19.9 | -0.76 - 3.5 | 1.4/22.1  | 43225 |
| 2001 SX <sub>117</sub> | 2008 09 23.6 | 00 03.34 +08 32.8 19.6 | -0.97 - 6.7 | 3.2/26.4  | 43127 |
| 2006 BB <sub>159</sub> | 2008 09 23.6 | 00 03.34 +06 06.4 20.2 | -0.84 - 5.1 | 1.9/25.6  | 42797 |
| 2002 GW <sub>37</sub>  | 2008 09 23.6 | 00 03.35 -00 50.8 19.2 | -0.85 - 4.2 | 0.4/23.3  | 43152 |
| 2004 BA <sub>96</sub>  | 2008 09 23.6 | 00 03.41 +11 48.6 19.2 | -1.52 + 3.5 | 5.4/25.9  | 43198 |
| 2004 TS <sub>266</sub> | 2008 09 23.7 | 00 03.32 +04 37.2 19.5 | -0.81 - 7.0 | 1.6/25.2  | 43219 |
| 2004 PN <sub>28</sub>  | 2008 09 23.7 | 00 03.33 +18 16.3 19.1 | -1.10 + 1.6 | 8.4/28.5  | 43204 |
| 2000 TA <sub>49</sub>  | 2008 09 23.7 | 00 03.35 -14 25.5 18.7 | -0.88 - 4.3 | 6.0/18.8  | 04141 |
| 2006 BX <sub>1</sub>   | 2008 09 23.7 | 00 03.36 +07 28.2 18.8 | -0.89 - 3.7 | 3.0/26.0  | 43252 |
| 2005 YL <sub>290</sub> | 2008 09 23.7 | 00 03.38 +00 57.1 20.8 | -0.87 - 5.6 | 0.2/23.9  | 43250 |
| 1997 WY <sub>28</sub>  | 2008 09 23.7 | 00 03.40 -06 54.5 20.1 | -0.91 - 5.6 | 2.8/21.4  | 20726 |
| 2002 PY <sub>180</sub> | 2008 09 23.7 | 00 03.44 -15 30.2 20.0 | -0.71 - 5.9 | 4.8/18.0  | 17447 |
| 2005 YL <sub>31</sub>  | 2008 09 23.7 | 00 03.44 +03 48.3 19.0 | -0.85 - 5.2 | 1.7/24.8  | 43247 |
| 2006 WY <sub>200</sub> | 2008 09 23.7 | 00 03.48 +22 25.9 19.6 | -1.15 - 5.8 | 9.1/01.2  | 39820 |
| 1995 UO <sub>56</sub>  | 2008 09 23.7 | 00 03.51 -05 20.3 19.8 | -0.94 - 6.2 | 2.5/21.9  | 43092 |
| 2000 EN <sub>37</sub>  | 2008 09 23.7 | 00 03.51 +00 00.6 20.8 | -0.68 - 6.8 | 0.1/23.6  | 43104 |
| 2008 QN <sub>17</sub>  | 2008 09 23.7 | 00 03.51 +03 18.2 19.5 | -1.02 - 3.3 | 1.2/24.6  | 43003 |
| 2004 TM <sub>296</sub> | 2008 09 23.7 | 00 03.52 +09 30.0 19.6 | -0.79 - 7.6 | 3.2/27.0  | 20810 |
| 1999 WQ <sub>18</sub>  | 2008 09 23.7 | 00 03.52 -08 31.4 19.7 | -0.85 - 3.5 | 3.2/20.9  | 01988 |
| 2003 UG <sub>140</sub> | 2008 09 23.7 | 00 03.52 -14 38.9 19.2 | -0.81 - 3.4 | 4.5/18.8  | 10997 |
| 2003 FK <sub>109</sub> | 2008 09 23.7 | 00 03.53 -04 41.6 20.9 | -0.91 - 6.1 | 1.7/22.1  | 43170 |
| 2007 GE <sub>49</sub>  | 2008 09 23.7 | 00 03.57 -15 05.3 19.3 | -0.86 - 1.8 | 5.2/19.1  | 22587 |
| 2004 HQ <sub>26</sub>  | 2008 09 23.7 | 00 03.57 -05 10.0 19.4 | -0.93 - 8.2 | 2.3/21.9  | 43200 |
| 2005 UQ <sub>409</sub> | 2008 09 23.7 | 00 03.59 -06 07.9 20.1 | -1.00 - 5.8 | 2.6/21.7  | 43240 |
| 2001 UE <sub>170</sub> | 2008 09 23.7 | 00 03.60 +06 21.0 19.7 | -0.93 - 6.5 | 2.5/25.7  | 43135 |
| 2002 PP <sub>167</sub> | 2008 09 23.7 | 00 03.61 +16 38.2 20.3 | -0.75 - 5.0 | 5.0/29.6  | 43159 |
| 2003 MN <sub>12</sub>  | 2008 09 23.7 | 00 03.62 +18 24.2 19.3 | -0.81 - 7.2 | 5.6/30.5  | 37991 |
| 2007 EC <sub>75</sub>  | 2008 09 23.7 | 00 03.66 +01 30.4 19.9 | -0.92 - 5.9 | 0.4/24.1  | 43276 |
| 2005 UJ <sub>107</sub> | 2008 09 23.7 | 00 03.67 +06 18.3 19.7 | -0.87 -10.1 | 2.6/25.9  | 20415 |
| 2001 YB <sub>4</sub>   | 2008 09 23.7 | 00 03.67 -41 38.1 22.5 | -1.01 - 2.7 | 10.0/08.0 | 94414 |
| 2003 SC <sub>323</sub> | 2008 09 23.7 | 00 03.70 +07 54.8 20.2 | -0.93 - 1.2 | 2.7/26.0  | 42656 |
| 2005 AQ <sub>39</sub>  | 2008 09 23.7 | 00 03.70 +14 53.1 21.3 | -0.83 - 2.5 | 3.9/28.4  | 77802 |
| 2003 SC <sub>309</sub> | 2008 09 23.7 | 00 03.72 +15 51.2 18.7 | -0.89 - 2.1 | 5.1/28.7  | 42656 |
| 2001 UX <sub>211</sub> | 2008 09 23.7 | 00 03.73 +08 30.4 20.0 | -0.88 - 7.7 | 3.2/26.6  | 42601 |
| 2006 DW <sub>59</sub>  | 2008 09 23.7 | 00 03.74 +00 34.7 19.5 | -0.73 - 9.9 | 0.1/23.9  | 43260 |
| 2007 EW <sub>206</sub> | 2008 09 23.7 | 00 03.74 -08 24.9 20.7 | -1.01 - 3.6 | 3.4/21.2  | 19451 |
| 2005 VN <sub>4</sub>   | 2008 09 23.7 | 00 03.74 -05 04.1 18.6 | -0.89 - 6.6 | 2.6/22.0  | 43241 |
| 2006 DH <sub>74</sub>  | 2008 09 23.7 | 00 03.76 -14 58.3 19.8 | -0.97 - 0.9 | 4.8/19.4  | 43261 |
| 2004 XF <sub>179</sub> | 2008 09 23.8 | 00 03.67 -03 44.1 20.8 | -0.73 - 5.2 | 1.1/22.4  | 43227 |
| 2004 TN <sub>133</sub> | 2008 09 23.8 | 00 03.69 +05 35.0 18.0 | -0.69 - 9.5 | 2.4/25.8  | 43216 |
| 2000 GD <sub>9</sub>   | 2008 09 23.8 | 00 03.71 +00 38.9 20.0 | -1.05 - 4.3 | 0.1/23.9  | 43105 |
| 2005 UJ <sub>364</sub> | 2008 09 23.8 | 00 03.73 -05 47.8 20.6 | -0.96 - 6.1 | 2.3/21.8  | 43240 |
| 2003 SR <sub>148</sub> | 2008 09 23.8 | 00 03.73 +05 35.0 19.0 | -0.76 - 5.3 | 1.8/25.6  | 43179 |
| 1999 EE <sub>12</sub>  | 2008 09 23.8 | 00 03.75 -08 51.7 19.6 | -0.92 - 6.9 | 3.4/20.7  | 97344 |
| 2005 XG <sub>116</sub> | 2008 09 23.8 | 00 03.77 +06 21.3 19.2 | -1.01 - 3.7 | 2.7/25.6  | 42787 |
| 2005 WT <sub>176</sub> | 2008 09 23.8 | 00 03.78 -04 10.4 21.1 | -0.93 - 5.3 | 1.6/22.4  | 01153 |
| 2000 HS <sub>78</sub>  | 2008 09 23.8 | 00 03.78 -27 42.0 19.3 | -0.92 - 5.0 | 11.8/14.1 | 43106 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 OA <sub>18</sub>  | 2008 09 23.8 | 00 03.79 +00 51.5 19.3 | -0.68 - 7.6 | 0.1/24.0  | 43156 |
| 2003 SS <sub>247</sub> | 2008 09 23.8 | 00 03.83 +03 14.6 19.0 | -0.69 - 8.6 | 0.9/24.9  | 43181 |
| 2007 GC <sub>41</sub>  | 2008 09 23.8 | 00 03.84 -04 24.8 20.8 | -0.89 - 4.3 | 1.6/22.3  | 43280 |
| 2000 UM <sub>38</sub>  | 2008 09 23.8 | 00 03.85 +07 13.3 19.4 | -0.75 - 8.0 | 3.1/26.3  | 74040 |
| 1999 TB <sub>124</sub> | 2008 09 23.8 | 00 03.85 -05 23.7 18.2 | -0.78 - 4.2 | 2.6/21.9  | 43098 |
| 2004 RV <sub>70</sub>  | 2008 09 23.8 | 00 03.87 +07 46.0 19.6 | -0.95 - 4.4 | 2.7/26.1  | 43207 |
| 2002 CB <sub>306</sub> | 2008 09 23.8 | 00 03.88 -07 19.1 21.3 | -0.86 - 6.0 | 2.4/21.3  | 94667 |
| 2002 FQ <sub>26</sub>  | 2008 09 23.8 | 00 03.89 -06 00.4 20.7 | -0.95 - 2.3 | 2.0/22.0  | 70345 |
| 2007 ER <sub>21</sub>  | 2008 09 23.8 | 00 03.90 -03 35.9 19.6 | -0.85 - 6.3 | 1.3/22.5  | 43274 |
| 2001 AO <sub>37</sub>  | 2008 09 23.8 | 00 03.92 -15 22.2 19.4 | -1.01 - 5.0 | 6.1/18.5  | 02025 |
| 2005 XH <sub>38</sub>  | 2008 09 23.8 | 00 03.94 -05 22.3 19.7 | -0.73 - 7.1 | 1.8/21.8  | 42787 |
| 2007 EY <sub>178</sub> | 2008 09 23.8 | 00 03.94 +01 58.6 20.4 | -0.90 - 3.9 | 0.5/24.3  | 42878 |
| 2007 EX <sub>53</sub>  | 2008 09 23.8 | 00 03.95 -03 36.2 19.3 | -0.86 - 4.1 | 1.5/22.6  | 43275 |
| 2006 BC <sub>189</sub> | 2008 09 23.8 | 00 03.95 -00 25.8 20.6 | -1.08 - 2.1 | 0.4/23.6  | 43256 |
| 2002 GJ <sub>37</sub>  | 2008 09 23.8 | 00 03.98 +01 01.8 20.7 | -0.81 - 5.9 | 0.2/24.1  | 43152 |
| 2002 YL <sub>26</sub>  | 2008 09 23.8 | 00 04.00 +09 17.5 19.5 | -1.02 - 5.2 | 3.6/26.6  | 03492 |
| 2001 UV <sub>110</sub> | 2008 09 23.8 | 00 04.02 -02 38.4 20.0 | -0.95 - 5.2 | 1.1/22.9  | 43134 |
| 2002 JM <sub>113</sub> | 2008 09 23.8 | 00 04.08 +11 20.3 20.2 | -0.81 - 5.3 | 3.1/28.0  | 21317 |
| 2001 FF <sub>141</sub> | 2008 09 23.9 | 00 04.04 +00 54.4 19.8 | -0.76 - 5.4 | 0.1/24.1  | 43120 |
| 2004 BS <sub>146</sub> | 2008 09 23.9 | 00 04.04 -05 42.5 20.6 | -0.59 - 4.2 | 1.3/21.7  | 43198 |
| 2006 AP <sub>5</sub>   | 2008 09 23.9 | 00 04.09 +23 36.3 19.0 | -1.19 + 1.1 | 7.6/30.3  | 43250 |
| 2001 TY <sub>11</sub>  | 2008 09 23.9 | 00 04.10 +06 41.7 19.4 | -0.85 - 9.5 | 2.6/26.2  | 19547 |
| 2004 GX <sub>40</sub>  | 2008 09 23.9 | 00 04.12 +02 23.1 19.4 | -0.99 - 5.6 | 0.9/24.5  | 43200 |
| 2001 WE <sub>35</sub>  | 2008 09 23.9 | 00 04.12 -08 30.6 18.3 | -0.80 - 5.1 | 4.4/20.9  | 43137 |
| 2002 EK <sub>138</sub> | 2008 09 23.9 | 00 04.13 -05 01.2 19.5 | -0.80 - 7.3 | 2.0/22.0  | 02089 |
| 2003 WR <sub>32</sub>  | 2008 09 23.9 | 00 04.14 +06 17.3 19.6 | -0.73 - 4.6 | 1.7/25.9  | 43193 |
| 1999 XH <sub>199</sub> | 2008 09 23.9 | 00 04.22 -22 44.9 18.9 | -0.96 - 0.9 | 8.0/16.7  | 43102 |
| 2002 QO <sub>10</sub>  | 2008 09 23.9 | 00 04.22 -13 13.7 20.4 | -0.71 -10.5 | 4.0/18.7  | 35816 |
| 2004 XX <sub>72</sub>  | 2008 09 23.9 | 00 04.24 -12 54.8 18.2 | -0.82 - 5.2 | 4.7/19.4  | 21347 |
| 2004 TO <sub>332</sub> | 2008 09 23.9 | 00 04.26 +05 04.2 20.0 | -0.84 - 6.7 | 1.8/25.5  | 42726 |
| 2006 DQ <sub>66</sub>  | 2008 09 23.9 | 00 04.26 -01 26.7 20.3 | -0.72 - 8.8 | 0.5/23.2  | 43261 |
| 2005 WQ <sub>55</sub>  | 2008 09 23.9 | 00 04.33 +32 35.4 20.5 | -1.01 - 6.7 | 10.3/05.9 | 97989 |
| 2005 UN <sub>448</sub> | 2008 09 23.9 | 00 04.36 +12 45.2 19.7 | -1.02 - 5.4 | 4.8/27.9  | 20823 |
| 2006 HW <sub>94</sub>  | 2008 09 23.9 | 00 04.36 -02 45.6 20.5 | -0.81 - 4.5 | 1.1/22.9  | 43268 |
| 2001 YT <sub>117</sub> | 2008 09 23.9 | 00 04.38 -08 49.4 19.6 | -0.94 - 5.3 | 3.6/21.0  | 43142 |
| 2007 EF <sub>161</sub> | 2008 09 23.9 | 00 04.45 -16 58.6 19.2 | -1.01 - 0.9 | 6.2/19.1  | 21362 |
| 2000 EJ <sub>5</sub>   | 2008 09 24.0 | 00 04.39 +07 46.8 18.8 | -0.88 - 1.2 | 2.7/26.1  | 43104 |
| 2005 YZ <sub>111</sub> | 2008 09 24.0 | 00 04.41 -11 34.9 20.1 | -0.90 - 6.7 | 5.2/19.9  | 96769 |
| 2002 CE <sub>180</sub> | 2008 09 24.0 | 00 04.42 -06 05.8 21.4 | -0.86 - 6.0 | 2.2/21.8  | 43147 |
| 2005 CQ <sub>59</sub>  | 2008 09 24.0 | 00 04.42 +35 23.0 21.0 | -1.00 0.0   | 9.2/05.6  | 29717 |
| 2002 GX <sub>117</sub> | 2008 09 24.0 | 00 04.45 -11 04.4 20.3 | -0.86 - 5.4 | 3.7/20.1  | 02096 |
| 2000 GP <sub>64</sub>  | 2008 09 24.0 | 00 04.47 +02 41.7 18.8 | -0.87 - 8.9 | 0.9/24.8  | 43105 |
| 2004 OX <sub>5</sub>   | 2008 09 24.0 | 00 04.48 -12 37.8 19.0 | -0.91 - 2.4 | 6.2/20.1  | 97715 |
| 2002 QO <sub>97</sub>  | 2008 09 24.0 | 00 04.49 -02 56.1 20.0 | -0.76 - 4.1 | 1.2/22.9  | 42621 |
| 2007 DR <sub>102</sub> | 2008 09 24.0 | 00 04.54 -05 23.5 18.4 | -1.82 +10.1 | 3.3/23.3  | 20851 |
| 2007 EW <sub>167</sub> | 2008 09 24.0 | 00 04.55 -04 41.4 19.8 | -0.93 - 3.6 | 2.1/22.5  | 43277 |
| 2005 UP <sub>242</sub> | 2008 09 24.0 | 00 04.55 -00 58.3 20.1 | -1.06 - 3.5 | 0.6/23.6  | 43239 |
| 2007 GL <sub>16</sub>  | 2008 09 24.0 | 00 04.56 +04 16.0 19.4 | -0.81 - 6.1 | 1.4/25.3  | 43279 |
| 2004 TR <sub>206</sub> | 2008 09 24.0 | 00 04.56 -24 54.9 19.2 | -1.09 + 3.2 | 10.9/17.7 | 19640 |
| 2002 GD <sub>59</sub>  | 2008 09 24.0 | 00 04.56 -12 00.8 20.6 | -0.96 - 1.5 | 3.9/20.4  | 97591 |
| 2004 SH <sub>51</sub>  | 2008 09 24.0 | 00 04.57 -18 32.9 18.8 | -0.98 - 1.2 | 7.1/18.3  | 97748 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SP <sub>17</sub>  | 2008 09 24.0 | 00 04.58 +04 32.3 19.2 | -0.69 - 8.5 | 1.5/25.6  | 43176 |
| 2007 JN <sub>9</sub>   | 2008 09 24.0 | 00 04.60 +04 43.1 20.1 | -0.70 - 8.5 | 1.2/25.6  | 43283 |
| 2001 WF <sub>99</sub>  | 2008 09 24.0 | 00 04.61 -06 45.9 19.2 | -0.83 - 7.8 | 3.3/21.5  | 43138 |
| 2005 YB <sub>48</sub>  | 2008 09 24.0 | 00 04.66 +04 44.6 20.7 | -0.92 - 6.5 | 1.5/25.5  | 43247 |
| 2004 TQ <sub>175</sub> | 2008 09 24.0 | 00 04.68 +02 56.6 19.8 | -0.83 - 6.8 | 1.0/24.9  | 43217 |
| 2000 FC <sub>66</sub>  | 2008 09 24.0 | 00 04.69 -02 22.2 20.1 | -0.92 - 7.2 | 1.1/23.1  | 43105 |
| 2001 YH <sub>20</sub>  | 2008 09 24.0 | 00 04.70 -00 22.9 20.3 | -0.61 - 3.5 | 0.2/23.8  | 43141 |
| 2003 ST <sub>284</sub> | 2008 09 24.0 | 00 04.74 -03 08.4 19.0 | -0.91 - 1.1 | 1.3/23.0  | 43182 |
| 2004 XO <sub>114</sub> | 2008 09 24.0 | 00 04.75 -17 18.9 19.8 | -0.73 - 4.9 | 4.9/17.8  | 02233 |
| 2006 BS <sub>29</sub>  | 2008 09 24.0 | 00 04.78 +06 03.7 20.4 | -0.97 - 3.1 | 2.2/25.7  | 43253 |
| 2003 EB <sub>3</sub>   | 2008 09 24.0 | 00 04.82 -07 34.0 20.1 | -0.93 - 6.9 | 3.0/21.4  | 20775 |
| 2004 UZ <sub>2</sub>   | 2008 09 24.1 | 00 04.75 -04 32.3 19.4 | -0.78 -11.7 | 1.9/22.2  | 43221 |
| 2000 TK <sub>2</sub>   | 2008 09 24.1 | 00 04.75 -05 26.3 19.3 | -0.94 - 4.4 | 2.3/22.2  | 43111 |
| 2000 AH <sub>204</sub> | 2008 09 24.1 | 00 04.76 -10 31.0 20.3 | -0.98 - 6.4 | 4.0/20.5  | 20732 |
| 2002 AK <sub>33</sub>  | 2008 09 24.1 | 00 04.77 -04 05.3 19.6 | -0.90 - 4.2 | 1.9/22.7  | 43143 |
| 2001 YM <sub>91</sub>  | 2008 09 24.1 | 00 04.78 -18 05.1 19.7 | -0.86 - 5.6 | 6.0/17.7  | 21310 |
| 2002 CV <sub>72</sub>  | 2008 09 24.1 | 00 04.83 -12 59.1 19.7 | -0.81 - 8.2 | 4.4/19.2  | 94588 |
| 2004 TH <sub>367</sub> | 2008 09 24.1 | 00 04.83 +23 12.7 19.6 | -1.01 - 1.8 | 8.5/30.9  | 11073 |
| 2001 SN <sub>70</sub>  | 2008 09 24.1 | 00 04.86 -18 09.5 18.8 | -0.89 - 3.7 | 8.8/17.8  | 94064 |
| 2007 HU <sub>47</sub>  | 2008 09 24.1 | 00 04.87 -10 15.9 20.4 | -0.92 - 4.0 | 3.8/20.8  | 22889 |
| 2002 NG <sub>3</sub>   | 2008 09 24.1 | 00 04.89 +11 48.5 20.4 | -0.82 - 3.2 | 3.8/28.0  | 00286 |
| 2002 EL <sub>119</sub> | 2008 09 24.1 | 00 04.92 +05 11.8 20.1 | -0.49 - 3.1 | 0.8/25.8  | 43151 |
| 2006 GM <sub>25</sub>  | 2008 09 24.1 | 00 04.93 -09 10.3 20.2 | -0.83 - 2.2 | 3.0/21.2  | 01575 |
| 2002 EM <sub>129</sub> | 2008 09 24.1 | 00 04.93 +05 59.7 19.6 | -0.77 - 9.3 | 1.7/26.1  | 97585 |
| 2003 TT <sub>52</sub>  | 2008 09 24.1 | 00 04.95 -04 13.2 21.0 | -0.75 - 5.2 | 1.5/22.5  | 00593 |
| 2003 FR <sub>123</sub> | 2008 09 24.1 | 00 05.00 +01 13.9 20.8 | -0.91 - 7.0 | 0.2/24.4  | 94966 |
| 2004 XE <sub>52</sub>  | 2008 09 24.1 | 00 05.01 -24 10.2 18.5 | -0.83 - 4.8 | 9.1/15.0  | 43225 |
| 2005 CV <sub>1</sub>   | 2008 09 24.1 | 00 05.06 +12 44.1 19.8 | -0.79 - 3.6 | 3.7/28.2  | 89622 |
| 2002 RN <sub>7</sub>   | 2008 09 24.1 | 00 05.08 +28 15.3 18.2 | -1.15 + 3.9 | 10.3/01.5 | 74209 |
| 2003 DN <sub>17</sub>  | 2008 09 24.1 | 00 05.09 +00 15.5 19.6 | -0.87 - 7.8 | 0.1/24.1  | 43168 |
| 2002 EY <sub>20</sub>  | 2008 09 24.1 | 00 05.09 -14 29.3 20.2 | -0.82 - 5.3 | 4.4/19.1  | 94683 |
| 2002 CE <sub>157</sub> | 2008 09 24.1 | 00 05.11 -14 40.2 19.9 | -0.82 - 6.3 | 4.7/18.9  | 21116 |
| 2002 QO <sub>70</sub>  | 2008 09 24.1 | 00 05.13 -12 02.3 20.5 | -0.68 - 8.0 | 3.8/19.5  | 21548 |
| 2000 EJ <sub>36</sub>  | 2008 09 24.1 | 00 05.14 -11 14.0 20.5 | -0.98 - 5.1 | 4.1/20.5  | 20733 |
| 2002 QE <sub>116</sub> | 2008 09 24.1 | 00 05.17 +00 24.5 19.5 | -0.84 - 1.8 | 0.0/24.2  | 42621 |
| 2001 SG <sub>237</sub> | 2008 09 24.1 | 00 05.20 -13 04.3 19.0 | -1.08 - 1.8 | 6.1/20.2  | 97472 |
| 2004 VP <sub>82</sub>  | 2008 09 24.1 | 00 05.20 +02 12.7 19.9 | -0.96 - 3.5 | 0.7/24.7  | 43223 |
| 2007 DK <sub>35</sub>  | 2008 09 24.2 | 00 05.12 -03 17.5 20.5 | -0.92 - 8.5 | 1.5/22.9  | 43273 |
| 2002 QT <sub>74</sub>  | 2008 09 24.2 | 00 05.14 -01 06.3 20.6 | -0.82 - 2.3 | 0.5/23.7  | 43160 |
| 2005 UF <sub>513</sub> | 2008 09 24.2 | 00 05.15 +01 16.2 20.1 | -0.96 - 6.3 | 0.3/24.4  | 20436 |
| 2005 EA <sub>208</sub> | 2008 09 24.2 | 00 05.15 +04 22.0 20.2 | -0.77 - 5.0 | 1.2/25.5  | 43231 |
| 2003 GR <sub>24</sub>  | 2008 09 24.2 | 00 05.16 -05 10.8 19.6 | -0.48 - 4.2 | 1.1/22.1  | 94972 |
| 2005 UD <sub>77</sub>  | 2008 09 24.2 | 00 05.17 +07 08.0 18.9 | -0.95 - 4.6 | 3.2/26.3  | 43237 |
| 1999 TO <sub>54</sub>  | 2008 09 24.2 | 00 05.21 +03 42.6 19.5 | -0.80 - 5.8 | 1.0/25.3  | 43098 |
| 2001 QQ <sub>135</sub> | 2008 09 24.2 | 00 05.23 +13 11.5 17.8 | -0.49 -26.6 | 5.3/30.4  | 39150 |
| 2004 TW <sub>25</sub>  | 2008 09 24.2 | 00 05.24 +04 16.1 20.5 | -0.83 - 7.5 | 1.6/25.5  | 42719 |
| 2006 KS <sub>83</sub>  | 2008 09 24.2 | 00 05.24 -13 24.0 21.5 | -0.69 - 5.6 | 3.7/19.2  | 03926 |
| 2003 UA <sub>65</sub>  | 2008 09 24.2 | 00 05.26 -17 00.4 18.5 | -0.74 - 5.6 | 5.9/17.9  | 40683 |
| 2003 SE <sub>267</sub> | 2008 09 24.2 | 00 05.27 +13 23.3 18.5 | -0.80 - 4.1 | 4.5/28.6  | 43182 |
| 2004 RB <sub>304</sub> | 2008 09 24.2 | 00 05.28 +06 55.3 21.1 | -0.89 - 6.8 | 2.3/26.4  | 43211 |
| 1999 TR <sub>205</sub> | 2008 09 24.2 | 00 05.31 -06 31.6 17.9 | -0.94 - 0.9 | 2.8/22.3  | 43099 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2002 GU <sub>82</sub>  | 2008 09 24.2 | 00 05.35 -17 03.9 20.5 | -0.94 - 2.6 | 5.4/18.8 | 02094 |
| 2000 FF <sub>15</sub>  | 2008 09 24.2 | 00 05.41 -23 56.0 21.1 | -0.86 - 1.2 | 5.4/16.5 | 1585  |
| 2000 EK <sub>50</sub>  | 2008 09 24.2 | 00 05.44 -24 44.2 22.0 | -0.92 - 8.8 | 7.5/14.9 | 20246 |
| 2002 JJ <sub>83</sub>  | 2008 09 24.2 | 00 05.45 -13 24.4 20.1 | -0.96 - 2.7 | 4.3/20.0 | 43154 |
| 2001 FF <sub>185</sub> | 2008 09 24.2 | 00 05.46 -02 13.9 20.7 | -0.75 - 5.0 | 0.8/23.3 | 17596 |
| 2007 HO <sub>68</sub>  | 2008 09 24.2 | 00 05.48 +09 15.3 20.0 | -0.70 -12.8 | 3.0/28.0 | 22889 |
| 2005 YX <sub>13</sub>  | 2008 09 24.2 | 00 05.48 -03 32.9 21.1 | -0.91 - 6.1 | 1.5/22.9 | 98033 |
| 2002 CS <sub>89</sub>  | 2008 09 24.2 | 00 05.48 +01 06.0 20.0 | -0.90 - 4.5 | 0.2/24.4 | 43146 |
| 2006 BT <sub>265</sub> | 2008 09 24.2 | 00 05.50 -01 23.4 19.8 | -0.76 - 5.8 | 0.7/23.6 | 43257 |
| 2005 EN <sub>189</sub> | 2008 09 24.2 | 00 05.52 +12 05.1 19.2 | -0.79 - 4.1 | 3.4/28.1 | 76948 |
| 2003 SK <sub>321</sub> | 2008 09 24.2 | 00 05.53 +09 16.6 18.9 | -0.92 - 0.4 | 3.6/26.8 | 43183 |
| 2005 YC <sub>268</sub> | 2008 09 24.2 | 00 05.55 -02 54.1 20.5 | -0.92 - 6.6 | 1.4/23.1 | 43250 |
| 2003 GX <sub>34</sub>  | 2008 09 24.3 | 00 05.48 -21 31.3 19.4 | -0.87 - 4.0 | 8.9/17.1 | 97651 |
| 2006 BD <sub>126</sub> | 2008 09 24.3 | 00 05.49 -02 12.2 19.4 | -0.76 - 6.8 | 1.0/23.3 | 43255 |
| 2002 PO <sub>105</sub> | 2008 09 24.3 | 00 05.50 +14 19.0 19.3 | -0.75 - 4.6 | 4.0/29.1 | 43158 |
| 2005 UY <sub>504</sub> | 2008 09 24.3 | 00 05.51 -03 47.2 20.5 | -0.82 - 5.6 | 1.4/22.8 | 43241 |
| 2004 LK <sub>14</sub>  | 2008 09 24.3 | 00 05.51 -05 00.1 19.5 | -0.93 - 6.9 | 2.3/22.5 | 43201 |
| 1999 JG <sub>29</sub>  | 2008 09 24.3 | 00 05.53 +16 26.8 21.9 | -0.60 - 5.1 | 2.9/30.2 | 77384 |
| 2001 FJ <sub>149</sub> | 2008 09 24.3 | 00 05.59 +01 29.1 19.7 | -0.72 - 9.8 | 0.3/24.7 | 43120 |
| 2005 CC <sub>9</sub>   | 2008 09 24.3 | 00 05.62 -11 15.2 20.1 | -0.72 - 5.5 | 3.4/20.1 | 42738 |
| 2006 DV <sub>215</sub> | 2008 09 24.3 | 00 05.64 +10 11.8 18.2 | -1.04 + 0.8 | 4.1/26.8 | 43264 |
| 2007 GX <sub>54</sub>  | 2008 09 24.3 | 00 05.66 -06 53.5 20.5 | -0.88 - 7.8 | 3.0/21.8 | 43280 |
| 2005 YA <sub>179</sub> | 2008 09 24.3 | 00 05.71 -10 03.3 20.0 | -0.93 - 8.1 | 4.7/20.6 | 98063 |
| 2001 KV <sub>60</sub>  | 2008 09 24.3 | 00 05.72 +03 18.8 20.0 | -0.98 - 8.4 | 1.0/25.3 | 43120 |
| 2007 HC <sub>73</sub>  | 2008 09 24.3 | 00 05.74 -03 28.6 21.9 | -0.92 - 5.8 | 1.4/23.0 | 20659 |
| 2006 AS <sub>21</sub>  | 2008 09 24.3 | 00 05.77 +09 06.2 19.8 | -0.93 - 2.4 | 2.6/26.9 | 43251 |
| 2005 EE <sub>3</sub>   | 2008 09 24.3 | 00 05.79 -07 34.5 20.3 | -0.70 - 5.7 | 2.3/21.5 | 02244 |
| 2002 GM <sub>78</sub>  | 2008 09 24.3 | 00 05.80 -03 57.0 20.0 | -0.97 - 2.0 | 1.5/23.1 | 43153 |
| 2003 UM <sub>53</sub>  | 2008 09 24.3 | 00 05.86 +05 20.9 19.0 | -0.93 - 0.6 | 1.5/25.7 | 43186 |
| 2005 GF <sub>25</sub>  | 2008 09 24.3 | 00 05.87 -02 27.8 21.1 | -0.62 - 2.6 | 0.6/23.4 | 77064 |
| 2007 MU <sub>7</sub>   | 2008 09 24.3 | 00 05.88 -06 26.2 19.9 | -0.84 - 4.4 | 2.4/22.1 | 41348 |
| 1998 XS <sub>61</sub>  | 2008 09 24.3 | 00 05.92 -11 50.1 19.5 | -0.99 - 5.0 | 5.3/20.4 | 43096 |
| 5397 T-2               | 2008 09 24.4 | 00 05.83 +13 53.0 19.2 | -0.50 - 3.4 | 2.5/29.3 | 43320 |
| 2003 YF <sub>152</sub> | 2008 09 24.4 | 00 05.87 -17 04.7 18.3 | -0.91 - 2.2 | 6.4/18.6 | 57574 |
| 2003 GM <sub>8</sub>   | 2008 09 24.4 | 00 05.90 +02 05.2 21.2 | -0.46 - 3.0 | 0.2/24.9 | 43171 |
| 2000 EF <sub>208</sub> | 2008 09 24.4 | 00 05.92 +01 45.1 21.1 | -0.67 - 6.3 | 0.3/24.8 | 07841 |
| 2004 TO <sub>79</sub>  | 2008 09 24.4 | 00 05.97 +02 59.4 19.6 | -0.84 - 6.6 | 0.8/25.2 | 02216 |
| 2003 WP <sub>116</sub> | 2008 09 24.4 | 00 06.05 -01 40.9 20.3 | -0.77 - 4.0 | 0.7/23.7 | 43194 |
| 2006 BY <sub>91</sub>  | 2008 09 24.4 | 00 06.08 +05 56.8 20.8 | -0.82 - 4.7 | 1.6/26.2 | 43254 |
| 2007 FJ <sub>11</sub>  | 2008 09 24.4 | 00 06.12 +07 30.6 20.9 | -0.86 - 6.2 | 2.2/26.8 | 21203 |
| 2006 HE <sub>65</sub>  | 2008 09 24.4 | 00 06.14 +02 55.1 21.7 | -0.68 - 5.3 | 0.6/25.3 | 40416 |
| 2002 GG <sub>178</sub> | 2008 09 24.4 | 00 06.16 -07 08.9 19.6 | -0.87 - 3.5 | 2.7/22.0 | 10873 |
| 2001 VO <sub>3</sub>   | 2008 09 24.4 | 00 06.16 +01 59.2 20.6 | -0.90 - 6.1 | 0.6/24.9 | 43135 |
| 2006 DW <sub>161</sub> | 2008 09 24.4 | 00 06.17 -02 46.2 20.5 | -0.76 - 4.8 | 1.0/23.3 | 43263 |
| 2004 KP <sub>11</sub>  | 2008 09 24.4 | 00 06.20 -08 44.2 19.6 | -0.86 - 6.9 | 4.3/21.3 | 43201 |
| 2003 WO <sub>20</sub>  | 2008 09 24.4 | 00 06.21 +27 49.7 19.9 | -0.77 - 5.2 | 8.8/04.8 | 77742 |
| 2006 DK <sub>156</sub> | 2008 09 24.4 | 00 06.23 -00 23.9 21.0 | -0.79 - 4.5 | 0.3/24.1 | 43263 |
| 2004 XX <sub>164</sub> | 2008 09 24.5 | 00 06.19 -06 29.7 19.3 | -1.06 - 1.1 | 2.7/22.5 | 02235 |
| 2006 GV <sub>41</sub>  | 2008 09 24.5 | 00 06.21 -22 35.9 21.2 | -0.78 - 2.6 | 5.6/16.7 | 02317 |
| 2004 TE <sub>354</sub> | 2008 09 24.5 | 00 06.21 -14 20.1 20.4 | -0.86 - 3.1 | 4.7/19.8 | 74423 |
| 2006 BZ <sub>198</sub> | 2008 09 24.5 | 00 06.21 +18 26.7 18.7 | -1.04 - 0.6 | 6.7/29.6 | 43256 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 LW <sub>55</sub>  | 2008 09 24.5 | 00 06.22 -18 38.4 18.7 | -0.70 - 9.0 | 6.4/17.1  | 41782 |
| 2007 EA <sub>3</sub>   | 2008 09 24.5 | 00 06.23 -03 55.1 20.7 | -0.97 - 5.4 | 1.7/23.1  | 20851 |
| 2002 EV <sub>15</sub>  | 2008 09 24.5 | 00 06.32 +12 53.2 18.9 | -0.83 - 6.5 | 4.1/28.9  | 43149 |
| 2007 EZ <sub>74</sub>  | 2008 09 24.5 | 00 06.34 +01 23.1 20.9 | -0.94 - 6.0 | 0.3/24.8  | 43275 |
| 2004 XG <sub>51</sub>  | 2008 09 24.5 | 00 06.34 +10 26.1 19.3 | -0.84 - 4.4 | 3.6/27.7  | 43225 |
| 2003 UG <sub>80</sub>  | 2008 09 24.5 | 00 06.35 -11 30.0 20.0 | -0.84 - 2.7 | 4.0/20.7  | 87596 |
| 2007 JM <sub>2</sub>   | 2008 09 24.5 | 00 06.36 -07 11.1 20.1 | -0.74 - 6.4 | 2.4/21.8  | 22890 |
| 2007 EY <sub>183</sub> | 2008 09 24.5 | 00 06.36 -03 28.6 19.5 | -0.98 - 5.1 | 1.7/23.3  | 43277 |
| 2001 TF <sub>75</sub>  | 2008 09 24.5 | 00 06.37 +06 21.6 18.6 | -0.75 - 9.2 | 2.7/26.6  | 43130 |
| 2004 NU <sub>15</sub>  | 2008 09 24.5 | 00 06.38 +02 01.1 18.5 | -0.80 - 6.6 | 0.6/25.0  | 43202 |
| 2002 NG <sub>7</sub>   | 2008 09 24.5 | 00 06.40 +16 55.1 20.1 | -0.72 - 8.0 | 5.0/30.9  | 22705 |
| 2005 XA <sub>62</sub>  | 2008 09 24.5 | 00 06.43 -20 40.8 19.5 | -0.96 - 4.9 | 8.7/17.3  | 20828 |
| 2002 AF <sub>13</sub>  | 2008 09 24.5 | 00 06.44 +18 46.7 19.6 | -0.95 - 3.4 | 6.0/30.4  | 02061 |
| 1999 XD <sub>251</sub> | 2008 09 24.5 | 00 06.45 +01 22.2 20.0 | -0.80 - 4.6 | 0.2/24.8  | 43102 |
| 2005 YP <sub>291</sub> | 2008 09 24.5 | 00 06.46 -03 35.3 21.4 | -0.82 - 6.5 | 1.3/23.1  | 41235 |
| 2005 YB <sub>211</sub> | 2008 09 24.5 | 00 06.46 +21 09.6 19.8 | -0.89 - 5.1 | 6.5/01.6  | 43249 |
| 2001 UZ <sub>42</sub>  | 2008 09 24.5 | 00 06.47 +01 25.4 19.7 | -0.93 - 6.5 | 0.3/24.8  | 43133 |
| 1998 FH <sub>28</sub>  | 2008 09 24.5 | 00 06.47 +05 03.9 20.3 | -0.93 - 3.0 | 1.3/25.9  | 43094 |
| 2003 BE <sub>57</sub>  | 2008 09 24.5 | 00 06.50 -00 42.0 20.7 | -0.58 - 4.2 | 0.3/24.1  | 10962 |
| 2004 XG <sub>169</sub> | 2008 09 24.5 | 00 06.51 +08 52.3 20.2 | -0.82 - 4.3 | 2.6/27.2  | 43227 |
| 2004 XD <sub>62</sub>  | 2008 09 24.5 | 00 06.54 -27 45.5 18.4 | -0.92 - 3.9 | 11.9/13.5 | 43225 |
| 2003 EX <sub>58</sub>  | 2008 09 24.5 | 00 06.55 -11 22.6 19.7 | -1.06 - 1.5 | 4.2/21.3  | 43169 |
| 2001 UY <sub>85</sub>  | 2008 09 24.5 | 00 06.55 -00 37.7 20.1 | -0.93 - 6.7 | 0.5/24.1  | 43134 |
| 2005 WT <sub>193</sub> | 2008 09 24.5 | 00 06.56 -04 35.8 19.3 | -0.99 - 4.8 | 2.3/22.9  | 43245 |
| 2001 SE <sub>52</sub>  | 2008 09 24.5 | 00 06.57 -07 12.2 18.1 | -0.79 - 5.8 | 3.9/21.9  | 43126 |
| 2000 AJ <sub>176</sub> | 2008 09 24.5 | 00 06.58 -17 37.2 19.0 | -0.74 - 7.3 | 6.2/17.7  | 31155 |
| 2003 UK <sub>71</sub>  | 2008 09 24.5 | 00 06.61 -02 37.5 20.0 | -0.78 - 4.4 | 1.1/23.5  | 43186 |
| 2000 EO <sub>203</sub> | 2008 09 24.5 | 00 06.61 +05 06.6 22.0 | -0.67 - 7.0 | 1.1/26.2  | 88711 |
| 2005 YR <sub>49</sub>  | 2008 09 24.5 | 00 06.61 +34 12.8 20.5 | -1.11 - 3.8 | 10.4/05.9 | 98040 |
| 2003 GG <sub>47</sub>  | 2008 09 24.6 | 00 06.55 -07 51.3 20.7 | -0.94 - 5.7 | 3.0/21.8  | 94978 |
| 2007 EH <sub>180</sub> | 2008 09 24.6 | 00 06.60 +02 13.3 19.5 | -1.05 - 1.2 | 0.6/25.0  | 42878 |
| 2003 UD <sub>273</sub> | 2008 09 24.6 | 00 06.61 -16 21.5 19.8 | -0.90 - 0.8 | 5.4/19.5  | 18063 |
| 2003 XB <sub>8</sub>   | 2008 09 24.6 | 00 06.63 +22 18.1 19.4 | -0.88 - 1.6 | 6.2/01.4  | 24430 |
| 2007 PG <sub>28</sub>  | 2008 09 24.6 | 00 06.63 +14 58.0 19.8 | -0.50 - 3.1 | 2.6/29.8  | 43285 |
| 2006 DR <sub>57</sub>  | 2008 09 24.6 | 00 06.68 +01 18.3 20.1 | -0.79 - 6.1 | 0.2/24.8  | 43260 |
| 2006 BO <sub>96</sub>  | 2008 09 24.6 | 00 06.69 +05 55.9 20.5 | -0.87 - 4.3 | 1.7/26.3  | 02276 |
| 2004 HF <sub>37</sub>  | 2008 09 24.6 | 00 06.72 -08 54.3 20.9 | -1.05 - 4.0 | 3.8/21.8  | 18071 |
| 2004 PK <sub>109</sub> | 2008 09 24.6 | 00 06.75 +04 38.6 18.9 | -1.04 - 2.5 | 1.4/25.7  | 43205 |
| 2001 UT <sub>224</sub> | 2008 09 24.6 | 00 06.79 +16 17.7 18.6 | -1.04 - 1.8 | 6.9/29.3  | 43135 |
| 2006 BD <sub>155</sub> | 2008 09 24.6 | 00 06.80 -03 24.0 20.8 | -0.84 - 4.9 | 1.4/23.3  | 43255 |
| 2006 HR <sub>87</sub>  | 2008 09 24.6 | 00 06.80 +04 47.2 18.7 | -0.72 - 9.1 | 1.5/26.2  | 43268 |
| 2005 GC <sub>6</sub>   | 2008 09 24.6 | 00 06.87 -08 38.9 20.8 | -0.60 - 3.3 | 2.0/21.4  | 89650 |
| 2006 DG <sub>58</sub>  | 2008 09 24.6 | 00 06.88 +04 16.6 19.8 | -0.84 - 2.4 | 1.1/25.8  | 02292 |
| 2004 TS <sub>56</sub>  | 2008 09 24.6 | 00 06.89 +04 17.6 20.1 | -0.86 - 5.2 | 1.5/25.8  | 42720 |
| 2007 JL <sub>36</sub>  | 2008 09 24.6 | 00 06.89 +07 54.2 19.6 | -0.83 - 5.7 | 2.6/27.1  | 21701 |
| 2003 YD <sub>124</sub> | 2008 09 24.6 | 00 06.92 +15 22.1 18.4 | -0.87 - 1.3 | 5.7/29.1  | 42686 |
| 2003 BM <sub>64</sub>  | 2008 09 24.6 | 00 06.94 -06 21.7 20.2 | -0.94 - 7.4 | 2.7/22.3  | 43168 |
| 2004 PD <sub>88</sub>  | 2008 09 24.6 | 00 06.94 +17 02.6 19.8 | -1.11 - 1.8 | 6.0/29.5  | 18081 |
| 2004 NA <sub>24</sub>  | 2008 09 24.6 | 00 06.94 +15 18.1 18.6 | -0.88 - 5.2 | 6.4/29.7  | 43202 |
| 2005 YL <sub>170</sub> | 2008 09 24.6 | 00 06.99 -02 22.6 20.2 | -0.86 - 7.4 | 1.2/23.6  | 43249 |
| 2000 SB <sub>174</sub> | 2008 09 24.7 | 00 06.93 +20 08.0 18.7 | -0.77 - 9.6 | 7.5/02.4  | 68732 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2004 VX <sub>46</sub>  | 2008 09 24.7 | 00 06.93 | -17 30.0 | 19.1 | -0.87 | - 3.1 | 6.7/18.9  | 22781 |
| 2006 ER <sub>17</sub>  | 2008 09 24.7 | 00 06.96 | +00 10.4 | 19.1 | -0.68 | - 8.2 | 0.2/24.5  | 43264 |
| 2002 GT <sub>54</sub>  | 2008 09 24.7 | 00 06.97 | +03 33.4 | 19.9 | -0.81 | - 9.0 | 1.0/25.7  | 43153 |
| 2003 UE <sub>286</sub> | 2008 09 24.7 | 00 06.99 | +02 32.7 | 20.1 | -0.74 | - 6.0 | 0.6/25.3  | 42676 |
| 2006 KN <sub>4</sub>   | 2008 09 24.7 | 00 06.99 | -03 09.6 | 20.8 | -0.60 | - 3.8 | 0.9/23.4  | 42815 |
| 2002 GN <sub>46</sub>  | 2008 09 24.7 | 00 07.01 | -09 32.0 | 19.9 | -0.81 | - 5.1 | 3.2/21.3  | 43152 |
| 2003 HS <sub>50</sub>  | 2008 09 24.7 | 00 07.02 | -08 03.2 | 19.8 | -0.85 | - 6.4 | 2.9/21.8  | 22732 |
| 2005 TL <sub>186</sub> | 2008 09 24.7 | 00 07.02 | -01 55.8 | 20.1 | -0.97 | - 6.6 | 1.2/23.9  | 43235 |
| 2008 RZ <sub>1</sub>   | 2008 09 24.7 | 00 07.03 | -00 11.1 | 19.2 | -0.78 | - 4.6 | 0.4/24.4  | 43006 |
| 2004 PJ <sub>22</sub>  | 2008 09 24.7 | 00 07.05 | +01 51.2 | 19.1 | -0.85 | - 5.6 | 0.5/25.1  | 43203 |
| 2002 PB <sub>51</sub>  | 2008 09 24.7 | 00 07.06 | -09 02.3 | 20.4 | -0.70 | - 6.6 | 2.8/21.2  | 85554 |
| 2007 HZ <sub>25</sub>  | 2008 09 24.7 | 00 07.07 | +05 54.4 | 20.3 | -0.82 | - 7.9 | 1.7/26.6  | 43281 |
| 2003 WC <sub>102</sub> | 2008 09 24.7 | 00 07.11 | +08 30.8 | 20.4 | -0.75 | - 5.2 | 2.6/27.4  | 58066 |
| 2005 WK <sub>91</sub>  | 2008 09 24.7 | 00 07.17 | +03 37.4 | 20.1 | -0.96 | - 5.9 | 1.0/25.7  | 43244 |
| 2006 BK <sub>259</sub> | 2008 09 24.7 | 00 07.21 | -04 40.5 | 20.8 | -0.81 | - 5.9 | 1.8/22.9  | 11157 |
| 2002 NX <sub>46</sub>  | 2008 09 24.7 | 00 07.22 | +00 53.3 | 17.3 | -0.11 | -10.6 | 0.0/24.8  | 42614 |
| 2006 BB <sub>6</sub>   | 2008 09 24.7 | 00 07.25 | +17 52.8 | 20.7 | -0.83 | - 4.3 | 4.6/30.6  | 98090 |
| 2000 GJ <sub>5</sub>   | 2008 09 24.7 | 00 07.26 | +04 47.0 | 19.7 | -0.78 | - 3.3 | 1.0/26.1  | 43105 |
| 2001 BQ <sub>38</sub>  | 2008 09 24.7 | 00 07.32 | -09 22.8 | 18.8 | -0.84 | - 7.9 | 3.9/21.1  | 43118 |
| 2007 HA <sub>76</sub>  | 2008 09 24.7 | 00 07.35 | +01 49.8 | 20.9 | -0.89 | - 6.9 | 0.3/25.1  | 43282 |
| 2005 YG <sub>152</sub> | 2008 09 24.8 | 00 07.28 | -22 27.5 | 20.1 | -0.84 | - 5.6 | 7.7/16.5  | 20832 |
| 2002 TB <sub>113</sub> | 2008 09 24.8 | 00 07.28 | -02 56.2 | 19.4 | -0.75 | - 3.2 | 1.1/23.6  | 43164 |
| 2001 SS <sub>134</sub> | 2008 09 24.8 | 00 07.28 | +03 55.0 | 19.6 | -0.89 | - 4.8 | 1.5/25.8  | 94077 |
| 2004 TR <sub>43</sub>  | 2008 09 24.8 | 00 07.30 | +01 11.4 | 20.3 | -0.93 | - 3.8 | 0.2/24.9  | 42720 |
| 2007 LW <sub>21</sub>  | 2008 09 24.8 | 00 07.31 | -17 22.3 | 20.3 | -0.84 | - 5.3 | 6.1/18.6  | 42886 |
| 2003 UB <sub>33</sub>  | 2008 09 24.8 | 00 07.33 | -08 15.3 | 21.0 | -0.78 | - 3.2 | 2.4/21.9  | 03535 |
| 2000 TY <sub>32</sub>  | 2008 09 24.8 | 00 07.35 | +41 18.1 | 17.8 | -0.92 | - 7.1 | 19.2/15.1 | 16147 |
| 2004 CU <sub>56</sub>  | 2008 09 24.8 | 00 07.36 | +13 53.8 | 18.8 | -1.62 | + 6.9 | 6.8/26.9  | 43198 |
| 2005 UF <sub>230</sub> | 2008 09 24.8 | 00 07.37 | -02 15.0 | 20.4 | -0.96 | - 6.5 | 1.1/23.8  | 18145 |
| 2006 GC <sub>37</sub>  | 2008 09 24.8 | 00 07.38 | -12 59.7 | 19.9 | -0.84 | - 1.4 | 4.1/20.7  | 03889 |
| 2006 BB <sub>140</sub> | 2008 09 24.8 | 00 07.39 | -13 04.4 | 19.7 | -0.79 | - 8.0 | 4.4/19.7  | 97080 |
| 2004 TN <sub>137</sub> | 2008 09 24.8 | 00 07.41 | +07 46.6 | 18.6 | -0.70 | -12.7 | 2.6/27.6  | 43216 |
| 2006 DN <sub>4</sub>   | 2008 09 24.8 | 00 07.43 | -02 40.9 | 19.8 | -0.72 | - 4.4 | 1.0/23.7  | 42801 |
| 2002 GT <sub>79</sub>  | 2008 09 24.8 | 00 07.44 | -24 05.3 | 20.6 | -0.89 | - 3.0 | 7.6/16.6  | 00237 |
| 2007 HU <sub>7</sub>   | 2008 09 24.8 | 00 07.46 | +01 47.3 | 20.5 | -0.91 | - 9.4 | 0.4/25.2  | 43281 |
| 2003 NU <sub>2</sub>   | 2008 09 24.8 | 00 07.48 | +13 46.9 | 18.9 | -0.84 | - 5.7 | 4.9/29.4  | 42638 |
| 2007 FD <sub>24</sub>  | 2008 09 24.8 | 00 07.51 | -04 59.0 | 19.7 | -1.01 | - 2.3 | 2.5/23.2  | 43278 |
| 2004 SK <sub>59</sub>  | 2008 09 24.8 | 00 07.57 | +15 01.7 | 18.7 | -0.66 | -23.2 | 5.1/01.4  | 77787 |
| 1996 BR <sub>7</sub>   | 2008 09 24.8 | 00 07.59 | -02 01.0 | 20.3 | -0.82 | - 4.5 | 0.9/24.0  | 43092 |
| 2006 AH <sub>83</sub>  | 2008 09 24.8 | 00 07.61 | +17 43.1 | 20.3 | -0.91 | - 3.2 | 4.9/30.3  | 02270 |
| 2003 UZ <sub>19</sub>  | 2008 09 24.8 | 00 07.61 | -47 29.0 | 19.5 | -2.46 | +21.1 | 26.5/25.5 | 76052 |
| 2005 AU <sub>34</sub>  | 2008 09 24.8 | 00 07.64 | -10 30.3 | 19.9 | -0.76 | - 5.6 | 3.9/20.9  | 76594 |
| 2006 CN <sub>40</sub>  | 2008 09 24.8 | 00 07.66 | +01 58.1 | 19.1 | -0.95 | - 2.3 | 0.4/25.2  | 43258 |
| 2005 YF <sub>67</sub>  | 2008 09 24.8 | 00 07.67 | +10 41.4 | 21.2 | -0.95 | - 4.6 | 3.4/28.0  | 98043 |
| 2003 EO <sub>25</sub>  | 2008 09 24.8 | 00 07.69 | -04 41.3 | 20.3 | -0.93 | - 5.6 | 1.8/23.1  | 21325 |
| 2006 DA <sub>7</sub>   | 2008 09 24.8 | 00 07.69 | +06 48.8 | 19.5 | -1.00 | - 2.0 | 2.0/26.6  | 43259 |
| 2001 SL <sub>167</sub> | 2008 09 24.8 | 00 07.70 | -04 13.7 | 19.6 | -1.13 | + 1.4 | 2.5/23.7  | 43128 |
| 2005 AH <sub>80</sub>  | 2008 09 24.9 | 00 07.65 | -15 07.3 | 20.5 | -0.73 | - 5.9 | 5.0/19.1  | 89620 |
| 2005 WR <sub>40</sub>  | 2008 09 24.9 | 00 07.65 | -10 13.1 | 19.9 | -0.99 | - 5.1 | 4.7/21.4  | 97985 |
| 2003 UC <sub>163</sub> | 2008 09 24.9 | 00 07.67 | +07 33.7 | 19.5 | -0.73 | - 8.2 | 2.0/27.4  | 76110 |
| 2005 XB <sub>25</sub>  | 2008 09 24.9 | 00 07.71 | -08 43.0 | 20.2 | -0.94 | - 5.1 | 3.2/21.9  | 02262 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2003 EH <sub>52</sub>  | 2008 09 24.9 | 00 07.71 | -08 56.3 | 20.5 | -0.90 | - 7.0 | 3.3/21.6  | 21325 |
| 1999 TS <sub>12</sub>  | 2008 09 24.9 | 00 07.72 | -07 41.4 | 18.4 | -0.95 | - 1.0 | 3.4/22.5  | 43098 |
| 2004 VP <sub>81</sub>  | 2008 09 24.9 | 00 07.72 | -25 58.3 | 19.7 | -0.93 | - 1.1 | 10.2/16.3 | 35897 |
| 2001 TV <sub>54</sub>  | 2008 09 24.9 | 00 07.78 | +06 28.3 | 19.1 | -0.53 | - 9.3 | 3.0/27.2  | 23801 |
| 2003 XZ <sub>24</sub>  | 2008 09 24.9 | 00 07.79 | -02 19.2 | 19.4 | -0.74 | - 6.1 | 1.1/23.8  | 43196 |
| 2002 QZ <sub>113</sub> | 2008 09 24.9 | 00 07.84 | +13 34.0 | 20.6 | -0.74 | - 4.7 | 3.7/29.4  | 19091 |
| 1999 VT <sub>152</sub> | 2008 09 24.9 | 00 07.84 | -11 29.3 | 21.0 | -0.82 | - 4.0 | 3.9/20.9  | 72027 |
| 2002 CL <sub>310</sub> | 2008 09 24.9 | 00 07.85 | +15 34.5 | 22.0 | -0.94 | - 3.2 | 4.4/29.5  | 02081 |
| 2006 AL <sub>23</sub>  | 2008 09 24.9 | 00 07.88 | +09 44.2 | 19.4 | -0.90 | - 3.2 | 4.5/27.7  | 43251 |
| 2006 AA <sub>98</sub>  | 2008 09 24.9 | 00 07.89 | -18 34.3 | 19.7 | -0.78 | - 6.6 | 6.4/18.0  | 20835 |
| 2002 EE <sub>50</sub>  | 2008 09 24.9 | 00 07.90 | -02 37.1 | 20.5 | -0.77 | - 8.0 | 1.1/23.7  | 43150 |
| 2004 TM <sub>98</sub>  | 2008 09 24.9 | 00 07.90 | +01 35.6 | 20.0 | -0.80 | - 7.8 | 0.3/25.2  | 43216 |
| 2002 EZ <sub>7</sub>   | 2008 09 24.9 | 00 07.94 | -11 07.0 | 20.7 | -0.46 | - 3.3 | 2.0/20.6  | 10864 |
| 2001 SO <sub>117</sub> | 2008 09 24.9 | 00 07.94 | +10 48.4 | 19.0 | -0.84 | - 7.2 | 4.7/28.5  | 43127 |
| 2005 UH <sub>122</sub> | 2008 09 24.9 | 00 07.97 | +03 51.7 | 19.3 | -0.89 | - 7.4 | 1.5/26.0  | 43237 |
| 2000 WO <sub>114</sub> | 2008 09 24.9 | 00 07.98 | +19 43.9 | 19.0 | -0.88 | - 5.0 | 7.2/01.4  | 74053 |
| 2002 KN <sub>13</sub>  | 2008 09 24.9 | 00 07.98 | -10 37.2 | 21.2 | -0.76 | - 5.9 | 3.1/21.0  | 94792 |
| 2005 WF <sub>202</sub> | 2008 09 24.9 | 00 07.99 | -04 12.9 | 20.8 | -0.91 | - 6.1 | 1.7/23.3  | 96593 |
| 2004 RZ <sub>310</sub> | 2008 09 24.9 | 00 08.00 | -00 31.3 | 19.1 | -0.89 | - 3.5 | 0.6/24.6  | 43212 |
| 2000 QQ <sub>129</sub> | 2008 09 24.9 | 00 08.00 | -02 58.2 | 17.6 | -0.74 | -10.3 | 1.8/23.5  | 43107 |
| 2001 SE <sub>337</sub> | 2008 09 24.9 | 00 08.02 | +03 00.7 | 19.8 | -1.00 | - 4.6 | 1.0/25.6  | 43129 |
| 2000 EW <sub>35</sub>  | 2008 09 24.9 | 00 08.02 | +00 18.3 | 19.6 | -0.71 | - 5.7 | 0.2/24.8  | 43104 |
| 2004 FS <sub>30</sub>  | 2008 09 24.9 | 00 08.04 | -13 47.7 | 19.1 | -0.87 | - 7.0 | 7.0/19.9  | 43199 |
| 2003 OB <sub>24</sub>  | 2008 09 24.9 | 00 08.06 | +15 58.7 | 20.2 | -0.84 | - 5.7 | 4.9/30.3  | 95023 |
| 2002 EF <sub>101</sub> | 2008 09 25.0 | 00 08.02 | +23 56.0 | 19.7 | -0.92 | - 4.7 | 8.0/03.1  | 02087 |
| 2002 GF <sub>134</sub> | 2008 09 25.0 | 00 08.04 | +06 20.8 | 18.9 | -0.80 | - 7.0 | 1.9/26.9  | 43153 |
| 2001 XV <sub>236</sub> | 2008 09 25.0 | 00 08.07 | +00 12.2 | 20.5 | -0.92 | - 5.4 | 0.2/24.8  | 43141 |
| 2005 VB <sub>82</sub>  | 2008 09 25.0 | 00 08.12 | -08 44.8 | 18.8 | -0.87 | - 7.4 | 4.5/21.7  | 43242 |
| 1997 AX <sub>10</sub>  | 2008 09 25.0 | 00 08.14 | -41 13.2 | 20.3 | -1.20 | - 6.2 | 17.3/08.3 | 17893 |
| 2007 DY <sub>111</sub> | 2008 09 25.0 | 00 08.17 | +13 39.7 | 19.9 | -0.80 | -13.5 | 4.3/30.2  | 40458 |
| 1999 CA <sub>130</sub> | 2008 09 25.0 | 00 08.22 | -10 39.1 | 20.8 | -0.92 | - 6.8 | 4.4/21.1  | 88680 |
| 2002 EY <sub>1</sub>   | 2008 09 25.0 | 00 08.25 | -04 34.9 | 21.5 | -0.92 | - 4.6 | 1.8/23.3  | 02082 |
| 2002 GY <sub>1</sub>   | 2008 09 25.0 | 00 08.27 | -01 29.9 | 18.9 | -1.23 | + 2.0 | 0.8/24.5  | 02091 |
| 2002 GW <sub>172</sub> | 2008 09 25.0 | 00 08.29 | -03 50.3 | 20.6 | -0.75 | - 8.3 | 1.4/23.4  | 43154 |
| 2002 HX <sub>17</sub>  | 2008 09 25.0 | 00 08.33 | -00 30.5 | 20.8 | -0.50 | - 2.5 | 0.2/24.6  | 97598 |
| 2004 SS <sub>50</sub>  | 2008 09 25.0 | 00 08.39 | -04 33.7 | 18.7 | -1.15 | + 1.6 | 2.3/23.8  | 43213 |
| 2004 XU <sub>73</sub>  | 2008 09 25.0 | 00 08.41 | -16 40.1 | 18.7 | -0.88 | - 6.6 | 6.7/18.7  | 73652 |
| 2003 UH <sub>110</sub> | 2008 09 25.0 | 00 08.41 | -20 47.2 | 20.4 | -0.88 | - 1.4 | 6.4/18.2  | 14046 |
| 2002 CK <sub>91</sub>  | 2008 09 25.1 | 00 08.38 | -02 10.1 | 20.0 | -0.92 | - 4.5 | 1.1/24.1  | 43146 |
| 2001 QB <sub>295</sub> | 2008 09 25.1 | 00 08.40 | +04 53.7 | 18.2 | -1.20 | + 1.0 | 1.8/26.0  | 43124 |
| 2003 UO <sub>125</sub> | 2008 09 25.1 | 00 08.42 | -23 39.5 | 19.6 | -0.90 | - 1.9 | 8.1/16.9  | 43188 |
| 2003 PK <sub>5</sub>   | 2008 09 25.1 | 00 08.43 | -06 41.3 | 19.8 | -0.81 | - 6.0 | 2.7/22.6  | 20782 |
| 2003 FQ <sub>107</sub> | 2008 09 25.1 | 00 08.43 | -04 23.5 | 20.3 | -0.86 | - 7.0 | 1.7/23.3  | 43170 |
| 2000 SY <sub>258</sub> | 2008 09 25.1 | 00 08.46 | +05 42.5 | 18.3 | -0.73 | - 6.5 | 2.3/26.8  | 43110 |
| 2003 WO <sub>87</sub>  | 2008 09 25.1 | 00 08.46 | -01 13.1 | 18.7 | -0.95 | - 1.1 | 0.7/24.5  | 43194 |
| 2005 UE <sub>32</sub>  | 2008 09 25.1 | 00 08.49 | +05 06.5 | 19.7 | -0.95 | - 7.9 | 1.6/26.5  | 43236 |
| 2006 AR <sub>27</sub>  | 2008 09 25.1 | 00 08.50 | -05 21.5 | 20.4 | -0.87 | - 8.5 | 2.7/22.9  | 43251 |
| 2005 UH <sub>30</sub>  | 2008 09 25.1 | 00 08.51 | -01 53.2 | 18.2 | -0.89 | - 4.3 | 1.5/24.3  | 43236 |
| 2003 SE <sub>306</sub> | 2008 09 25.1 | 00 08.52 | +06 52.3 | 18.8 | -0.87 | - 2.5 | 2.2/27.0  | 43183 |
| 2001 XZ <sub>128</sub> | 2008 09 25.1 | 00 08.52 | -00 52.2 | 18.3 | -0.74 | - 6.9 | 0.9/24.5  | 43139 |
| 2001 VX <sub>20</sub>  | 2008 09 25.1 | 00 08.55 | +10 55.0 | 18.4 | -0.84 | - 7.1 | 4.5/28.7  | 43135 |

|                        |              |                   |      |       |       |          |       |
|------------------------|--------------|-------------------|------|-------|-------|----------|-------|
| 2007 LZ <sub>15</sub>  | 2008 09 25.1 | 00 08.55 +09 30.5 | 20.7 | -0.75 | - 9.2 | 2.7/28.4 | 26294 |
| 2001 MW <sub>1</sub>   | 2008 09 25.1 | 00 08.56 +12 02.6 | 19.5 | -1.00 | - 6.4 | 4.4/28.8 | 43120 |
| 2000 WG <sub>116</sub> | 2008 09 25.1 | 00 08.57 -24 06.6 | 20.0 | -1.02 | - 2.3 | 9.2/16.8 | 74054 |
| 2005 UA <sub>181</sub> | 2008 09 25.1 | 00 08.57 +02 07.6 | 20.0 | -0.95 | - 7.5 | 0.5/25.5 | 43238 |
| 2007 EC <sub>47</sub>  | 2008 09 25.1 | 00 08.58 +01 21.7 | 20.1 | -0.94 | - 5.2 | 0.2/25.3 | 43275 |
| 2005 UP <sub>405</sub> | 2008 09 25.1 | 00 08.60 +07 33.3 | 19.5 | -0.92 | - 8.5 | 2.7/27.4 | 21350 |
| 2006 BN <sub>154</sub> | 2008 09 25.1 | 00 08.60 -07 43.7 | 19.5 | -0.78 | - 6.7 | 3.1/22.1 | 43255 |
| 1997 HF                | 2008 09 25.1 | 00 08.61 +08 02.0 | 21.3 | -0.76 | - 7.0 | 2.1/27.7 | 21749 |
| 2002 GU <sub>51</sub>  | 2008 09 25.1 | 00 08.61 -02 31.0 | 19.4 | -0.80 | - 6.1 | 1.2/24.0 | 43153 |
| 2007 EF <sub>177</sub> | 2008 09 25.1 | 00 08.66 +04 06.6 | 20.5 | -0.93 | - 5.7 | 1.1/26.2 | 43277 |
| 2007 JR <sub>9</sub>   | 2008 09 25.1 | 00 08.67 -24 07.5 | 19.1 | -0.89 | - 0.4 | 8.4/17.7 | 29781 |
| 2004 VW <sub>22</sub>  | 2008 09 25.1 | 00 08.69 -13 33.6 | 19.5 | -0.92 | - 3.1 | 5.1/20.6 | 73518 |
| 2003 SZ <sub>162</sub> | 2008 09 25.1 | 00 08.70 +04 01.5 | 18.9 | -0.68 | - 8.8 | 1.0/26.3 | 43179 |
| 2001 XF <sub>239</sub> | 2008 09 25.1 | 00 08.72 +03 46.2 | 19.4 | -0.95 | - 5.3 | 1.0/26.1 | 02057 |
| 2006 DC                | 2008 09 25.1 | 00 08.73 -15 29.8 | 19.9 | -0.82 | - 5.6 | 5.1/19.5 | 02286 |
| 2007 PM <sub>16</sub>  | 2008 09 25.1 | 00 08.74 +10 04.4 | 19.4 | -0.58 | - 1.3 | 1.8/28.2 | 43285 |
| 2007 GN <sub>47</sub>  | 2008 09 25.1 | 00 08.76 -00 25.9 | 21.1 | -0.78 | - 4.9 | 0.4/24.7 | 21879 |
| 2004 XN <sub>22</sub>  | 2008 09 25.1 | 00 08.76 -02 43.4 | 18.8 | -0.80 | - 5.8 | 1.2/24.0 | 43224 |
| 2005 AW <sub>48</sub>  | 2008 09 25.2 | 00 08.71 -03 55.2 | 20.7 | -0.76 | - 5.3 | 1.5/23.6 | 43228 |
| 2005 AC <sub>36</sub>  | 2008 09 25.2 | 00 08.72 -12 56.1 | 19.9 | -0.70 | - 6.3 | 3.9/20.2 | 77802 |
| 2002 PV <sub>119</sub> | 2008 09 25.2 | 00 08.76 +24 19.2 | 19.1 | -0.96 | 0.0   | 8.0/02.5 | 75458 |
| 1999 VP <sub>55</sub>  | 2008 09 25.2 | 00 08.76 +03 04.1 | 18.8 | -0.78 | - 5.8 | 0.8/25.9 | 20730 |
| 2007 EJ <sub>52</sub>  | 2008 09 25.2 | 00 08.77 +04 53.0 | 20.0 | -1.03 | - 5.4 | 1.5/26.4 | 43275 |
| 2007 EL <sub>36</sub>  | 2008 09 25.2 | 00 08.78 -13 48.2 | 19.7 | -0.90 | - 8.0 | 5.7/20.1 | 43275 |
| 2001 WZ <sub>3</sub>   | 2008 09 25.2 | 00 08.79 +01 39.4 | 20.2 | -0.92 | - 6.2 | 0.3/25.4 | 43137 |
| 2007 EJ <sub>2</sub>   | 2008 09 25.2 | 00 08.80 -02 02.0 | 19.3 | -0.78 | -11.3 | 1.2/24.1 | 42874 |
| 2005 UV <sub>19</sub>  | 2008 09 25.2 | 00 08.80 -03 49.8 | 19.7 | -1.02 | - 4.5 | 1.9/23.8 | 20819 |
| 2005 YT <sub>203</sub> | 2008 09 25.2 | 00 08.84 +03 08.5 | 19.4 | -0.85 | - 5.6 | 1.0/25.9 | 43249 |
| 2002 EC <sub>158</sub> | 2008 09 25.2 | 00 08.86 +04 23.1 | 21.3 | -0.48 | - 2.8 | 0.6/26.5 | 94714 |
| 2008 RQ <sub>66</sub>  | 2008 09 25.2 | 00 08.87 -06 06.4 | 19.9 | -0.85 | - 5.7 | 2.5/22.9 | 43008 |
| 2003 UV <sub>217</sub> | 2008 09 25.2 | 00 08.88 -05 10.6 | 19.8 | -0.75 | - 5.3 | 1.9/23.1 | 43190 |
| 2003 UC <sub>75</sub>  | 2008 09 25.2 | 00 08.92 +17 19.2 | 18.8 | -0.76 | - 5.8 | 5.0/01.1 | 43187 |
| 2006 DP <sub>119</sub> | 2008 09 25.2 | 00 08.92 -24 24.4 | 19.0 | -0.74 | - 5.3 | 7.6/16.0 | 43262 |
| 1995 GW <sub>1</sub>   | 2008 09 25.2 | 00 08.93 -04 29.1 | 20.3 | -0.70 | - 5.7 | 1.5/23.3 | 97324 |
| 2002 GD <sub>9</sub>   | 2008 09 25.2 | 00 08.95 -05 44.9 | 20.4 | -0.84 | - 5.0 | 2.0/23.1 | 43152 |
| 2003 TK <sub>51</sub>  | 2008 09 25.2 | 00 08.95 +13 48.2 | 18.7 | -0.83 | - 3.0 | 4.7/29.4 | 43185 |
| 2002 EX <sub>42</sub>  | 2008 09 25.2 | 00 08.98 +05 30.3 | 20.4 | -0.91 | - 4.8 | 1.5/26.7 | 43150 |
| 1999 TU <sub>262</sub> | 2008 09 25.2 | 00 09.00 +06 09.4 | 19.5 | -0.77 | - 7.1 | 1.8/27.1 | 43099 |
| 2000 WK <sub>25</sub>  | 2008 09 25.2 | 00 09.02 +04 56.7 | 20.1 | -0.87 | - 6.3 | 1.4/26.6 | 02017 |
| 2004 TC <sub>12</sub>  | 2008 09 25.2 | 00 09.02 -03 32.9 | 19.4 | -0.78 | - 7.3 | 1.9/23.7 | 43214 |
| 1997 UJ <sub>6</sub>   | 2008 09 25.2 | 00 09.04 +13 54.0 | 20.0 | -0.47 | - 5.0 | 2.4/30.3 | 42570 |
| 2000 DA <sub>61</sub>  | 2008 09 25.2 | 00 09.06 -00 34.8 | 21.0 | -0.72 | - 4.4 | 0.4/24.8 | 10727 |
| 2002 PP <sub>23</sub>  | 2008 09 25.2 | 00 09.07 -25 10.3 | 19.4 | -0.64 | -12.4 | 8.6/13.4 | 38347 |
| 2000 DA <sub>29</sub>  | 2008 09 25.2 | 00 09.09 +11 16.6 | 20.1 | -0.86 | - 2.0 | 3.2/28.4 | 57753 |
| 2006 AO <sub>80</sub>  | 2008 09 25.2 | 00 09.11 +03 39.5 | 21.0 | -0.93 | - 6.0 | 1.0/26.2 | 96958 |
| 1994 RA <sub>28</sub>  | 2008 09 25.2 | 00 09.12 -02 14.2 | 19.1 | -0.74 | - 8.5 | 1.2/24.1 | 43091 |
| 2006 FU <sub>48</sub>  | 2008 09 25.3 | 00 09.07 -26 42.6 | 20.1 | -0.72 | - 5.3 | 6.5/14.7 | 21358 |
| 2006 DR <sub>157</sub> | 2008 09 25.3 | 00 09.08 -05 27.1 | 19.4 | -0.78 | - 6.3 | 2.2/23.1 | 42806 |
| 2003 DR <sub>9</sub>   | 2008 09 25.3 | 00 09.09 -03 25.8 | 19.8 | -0.86 | - 8.0 | 1.5/23.8 | 43168 |
| 2002 ET <sub>151</sub> | 2008 09 25.3 | 00 09.09 +02 59.2 | 20.4 | -0.79 | - 6.7 | 0.6/26.0 | 97586 |
| 2004 VV <sub>70</sub>  | 2008 09 25.3 | 00 09.09 -21 50.3 | 19.3 | -0.95 | - 1.2 | 8.4/18.3 | 43223 |

|                        |              |                   |      |       |       |          |       |
|------------------------|--------------|-------------------|------|-------|-------|----------|-------|
| 2005 YF <sub>110</sub> | 2008 09 25.3 | 00 09.09 +18 22.1 | 21.1 | -0.85 | - 5.0 | 4.9/01.3 | 98051 |
| 2000 WQ <sub>151</sub> | 2008 09 25.3 | 00 09.13 -12 11.0 | 17.6 | -0.71 | - 7.5 | 6.3/20.2 | 43115 |
| 1999 TJ <sub>107</sub> | 2008 09 25.3 | 00 09.13 +09 47.0 | 17.8 | -0.79 | - 5.6 | 3.7/28.4 | 43098 |
| 2006 HX <sub>44</sub>  | 2008 09 25.3 | 00 09.15 -05 58.8 | 20.8 | -0.81 | - 2.9 | 2.0/23.1 | 01664 |
| 2007 QC <sub>5</sub>   | 2008 09 25.3 | 00 09.18 -05 03.7 | 20.1 | -0.50 | - 3.2 | 1.1/23.2 | 42889 |
| 2006 BM <sub>157</sub> | 2008 09 25.3 | 00 09.19 +00 27.7 | 19.6 | -0.86 | - 4.7 | 0.2/25.2 | 43255 |
| 2002 PA <sub>107</sub> | 2008 09 25.3 | 00 09.20 +14 38.5 | 19.8 | -0.73 | - 5.4 | 4.0/30.2 | 74201 |
| 2005 UK <sub>105</sub> | 2008 09 25.3 | 00 09.20 -10 57.8 | 20.0 | -1.02 | - 4.8 | 5.0/21.6 | 20820 |
| 2002 AO <sub>151</sub> | 2008 09 25.3 | 00 09.21 -15 39.3 | 20.5 | -0.80 | - 6.8 | 4.8/19.4 | 30622 |
| 2003 UA <sub>174</sub> | 2008 09 25.3 | 00 09.22 -25 22.6 | 19.2 | -1.11 | + 3.0 | 8.7/19.1 | 43189 |
| 2004 TT <sub>38</sub>  | 2008 09 25.3 | 00 09.23 +00 08.7 | 21.0 | -0.83 | - 6.2 | 0.3/25.0 | 43214 |
| 2005 SE <sub>133</sub> | 2008 09 25.3 | 00 09.27 +03 44.5 | 19.0 | -0.78 | - 8.0 | 1.5/26.3 | 97827 |
| 2005 UB <sub>129</sub> | 2008 09 25.3 | 00 09.27 -07 34.0 | 20.9 | -1.06 | - 3.6 | 3.5/22.8 | 20415 |
| 2002 GF <sub>73</sub>  | 2008 09 25.3 | 00 09.27 -00 32.6 | 19.7 | -0.76 | - 9.7 | 0.5/24.8 | 43153 |
| 2002 EZ <sub>134</sub> | 2008 09 25.3 | 00 09.29 +03 07.5 | 19.1 | -0.53 | - 2.5 | 0.4/26.1 | 43151 |
| 2006 DE <sub>31</sub>  | 2008 09 25.3 | 00 09.29 -03 16.1 | 19.6 | -0.76 | -10.5 | 1.4/23.7 | 43260 |
| 2004 TW <sub>206</sub> | 2008 09 25.3 | 00 09.29 +13 00.8 | 20.9 | -0.76 | - 7.4 | 3.4/29.7 | 97760 |
| 2003 HJ <sub>17</sub>  | 2008 09 25.3 | 00 09.31 -20 19.5 | 19.3 | -1.03 | - 0.2 | 8.5/19.5 | 43172 |
| 1997 NS <sub>7</sub>   | 2008 09 25.3 | 00 09.32 -00 41.4 | 19.9 | -0.73 | - 6.1 | 0.6/24.8 | 43093 |
| 2003 TZ <sub>34</sub>  | 2008 09 25.3 | 00 09.33 -08 42.2 | 20.9 | -0.96 | 0.0   | 2.6/22.7 | 00592 |
| 2004 UO <sub>6</sub>   | 2008 09 25.3 | 00 09.39 +07 59.5 | 19.0 | -0.90 | - 4.5 | 2.8/27.6 | 43221 |
| 2003 SX <sub>80</sub>  | 2008 09 25.3 | 00 09.41 -00 58.0 | 20.1 | -0.74 | - 5.6 | 0.6/24.7 | 43177 |
| 2006 DS <sub>88</sub>  | 2008 09 25.3 | 00 09.42 -01 55.4 | 20.6 | -0.75 | - 6.9 | 0.9/24.3 | 43261 |
| 2001 QD <sub>116</sub> | 2008 09 25.3 | 00 09.42 +06 46.1 | 18.6 | -0.81 | - 9.4 | 2.6/27.5 | 48054 |
| 2000 EO <sub>57</sub>  | 2008 09 25.3 | 00 09.43 +01 54.1 | 20.8 | -0.74 | - 4.8 | 0.2/25.7 | 72071 |
| 2003 UC <sub>103</sub> | 2008 09 25.3 | 00 09.44 -03 54.6 | 19.6 | -0.78 | - 5.2 | 1.6/23.7 | 43187 |
| 2004 RX <sub>220</sub> | 2008 09 25.3 | 00 09.44 +19 20.6 | 18.0 | -1.09 | + 1.8 | 8.0/30.1 | 43210 |
| 2007 JZ <sub>37</sub>  | 2008 09 25.3 | 00 09.44 -01 12.1 | 20.4 | -0.88 | - 3.9 | 0.8/24.7 | 43284 |
| 2003 TV <sub>15</sub>  | 2008 09 25.3 | 00 09.45 -11 13.8 | 18.9 | -0.82 | - 3.1 | 4.7/21.4 | 43184 |
| 2000 SY <sub>7</sub>   | 2008 09 25.3 | 00 09.46 +10 47.8 | 20.5 | -0.87 | - 5.8 | 3.3/28.7 | 43108 |
| 2002 QA <sub>51</sub>  | 2008 09 25.3 | 00 09.47 +02 33.9 | 20.4 | -0.69 | - 6.4 | 0.5/25.9 | 43159 |
| 2003 SP <sub>292</sub> | 2008 09 25.4 | 00 09.44 +11 44.6 | 19.2 | -0.87 | - 2.6 | 3.7/28.7 | 43182 |
| 2006 BW <sub>228</sub> | 2008 09 25.4 | 00 09.45 -03 04.3 | 20.7 | -0.94 | - 5.4 | 1.7/24.1 | 43257 |
| 2007 DB <sub>30</sub>  | 2008 09 25.4 | 00 09.49 -04 39.0 | 20.1 | -0.93 | - 8.5 | 2.2/23.5 | 42871 |
| 2000 YP <sub>60</sub>  | 2008 09 25.4 | 00 09.49 +19 56.1 | 19.4 | -0.87 | - 3.9 | 5.7/01.8 | 02023 |
| 2002 OY <sub>6</sub>   | 2008 09 25.4 | 00 09.51 +17 34.5 | 18.2 | -0.75 | - 4.7 | 5.1/01.2 | 43156 |
| 2001 XS <sub>108</sub> | 2008 09 25.4 | 00 09.51 -03 24.2 | 19.4 | -0.98 | - 3.7 | 1.9/24.1 | 97522 |
| 2002 YS <sub>33</sub>  | 2008 09 25.4 | 00 09.51 +10 09.1 | 19.2 | -1.03 | - 4.6 | 3.7/28.2 | 43166 |
| 2002 ET <sub>55</sub>  | 2008 09 25.4 | 00 09.53 +07 07.2 | 20.4 | -0.86 | - 5.4 | 2.0/27.4 | 43150 |
| 2004 RB <sub>326</sub> | 2008 09 25.4 | 00 09.55 +06 54.2 | 18.0 | -1.05 | + 1.2 | 2.6/26.9 | 43212 |
| 2008 QG <sub>11</sub>  | 2008 09 25.4 | 00 09.56 +03 12.5 | 18.3 | -1.05 | - 0.9 | 1.0/26.0 | 43000 |
| 2005 JJ <sub>75</sub>  | 2008 09 25.4 | 00 09.57 -14 49.6 | 20.8 | -0.84 | - 1.8 | 3.8/20.5 | 14164 |
| 1997 WL <sub>3</sub>   | 2008 09 25.4 | 00 09.58 -21 51.1 | 19.7 | -0.92 | 0.0   | 7.3/18.6 | 01968 |
| 2003 UT <sub>262</sub> | 2008 09 25.4 | 00 09.59 -19 09.4 | 19.1 | -0.76 | - 4.5 | 6.4/18.3 | 02189 |
| 2005 VW <sub>73</sub>  | 2008 09 25.4 | 00 09.60 -11 49.0 | 18.6 | -0.88 | - 4.1 | 6.4/21.3 | 43242 |
| 2006 GS <sub>16</sub>  | 2008 09 25.4 | 00 09.64 -12 06.2 | 20.3 | -0.86 | - 1.5 | 3.9/21.5 | 01569 |
| 2005 WR <sub>197</sub> | 2008 09 25.4 | 00 09.65 +02 09.8 | 20.3 | -0.95 | - 5.5 | 0.4/25.8 | 43245 |
| 2005 VU <sub>103</sub> | 2008 09 25.4 | 00 09.65 -11 16.8 | 18.5 | -0.81 | - 2.9 | 6.7/21.5 | 97973 |
| 2003 HO <sub>48</sub>  | 2008 09 25.4 | 00 09.67 +16 45.3 | 19.5 | -0.86 | - 7.6 | 5.3/01.2 | 43172 |
| 2002 PT <sub>179</sub> | 2008 09 25.4 | 00 09.68 +15 31.7 | 19.8 | -0.81 | - 3.2 | 4.5/30.2 | 13914 |
| 2004 HP <sub>72</sub>  | 2008 09 25.4 | 00 09.69 +00 12.7 | 20.4 | -0.49 | - 3.5 | 0.2/25.2 | 43201 |

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|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2005 YT <sub>271</sub> | 2008 09 25.4 | 00 09.69 | -09 08.0 | 20.3 | -0.88 | - 8.4 | 3.9/21.8  | 96871 |
| 2002 JQ <sub>28</sub>  | 2008 09 25.4 | 00 09.70 | +19 47.9 | 19.0 | -0.75 | - 8.3 | 5.9/02.8  | 43154 |
| 2001 SH <sub>223</sub> | 2008 09 25.4 | 00 09.70 | +00 52.5 | 19.3 | -0.84 | - 7.4 | 0.1/25.4  | 43128 |
| 2006 BV <sub>221</sub> | 2008 09 25.4 | 00 09.71 | -04 17.2 | 20.5 | -0.78 | - 7.3 | 1.8/23.6  | 42798 |
| 2006 BA <sub>56</sub>  | 2008 09 25.4 | 00 09.74 | -00 33.4 | 19.9 | -0.82 | - 6.1 | 0.5/24.9  | 43253 |
| 2007 EQ <sub>38</sub>  | 2008 09 25.4 | 00 09.74 | -06 40.2 | 20.3 | -0.93 | - 4.9 | 2.9/23.1  | 20852 |
| 2003 XT <sub>11</sub>  | 2008 09 25.4 | 00 09.76 | +18 15.9 | 18.6 | -0.71 | - 7.9 | 5.2/02.0  | 95147 |
| 2001 YY <sub>88</sub>  | 2008 09 25.4 | 00 09.78 | -10 26.9 | 20.4 | -0.87 | - 5.7 | 4.0/21.6  | 21310 |
| 2001 TF <sub>59</sub>  | 2008 09 25.4 | 00 09.79 | +03 38.5 | 18.0 | -0.74 | - 6.4 | 1.3/26.4  | 43130 |
| 2006 ED <sub>39</sub>  | 2008 09 25.5 | 00 09.79 | +11 07.3 | 20.6 | -0.79 | - 5.3 | 2.8/28.9  | 22544 |
| 2004 RL <sub>100</sub> | 2008 09 25.5 | 00 09.82 | +02 17.5 | 19.1 | -0.78 | - 9.4 | 0.5/26.0  | 20798 |
| 2003 UY <sub>164</sub> | 2008 09 25.5 | 00 09.82 | +04 05.6 | 19.0 | -0.77 | - 4.6 | 1.1/26.5  | 43189 |
| 2003 UZ <sub>145</sub> | 2008 09 25.5 | 00 09.84 | -27 31.5 | 18.8 | -0.93 | + 1.2 | 10.8/16.8 | 43189 |
| 2003 CR <sub>4</sub>   | 2008 09 25.5 | 00 09.85 | +05 56.5 | 20.6 | -0.58 | - 4.9 | 1.0/27.3  | 42634 |
| 2001 SW <sub>39</sub>  | 2008 09 25.5 | 00 09.86 | -04 46.0 | 18.7 | -0.77 | -10.6 | 2.6/23.3  | 43126 |
| 2005 UJ <sub>180</sub> | 2008 09 25.5 | 00 09.90 | -03 14.0 | 20.1 | -0.94 | - 6.6 | 1.6/24.1  | 43238 |
| 2003 UN <sub>99</sub>  | 2008 09 25.5 | 00 09.91 | -29 23.2 | 18.1 | -0.79 | - 1.3 | 12.1/14.5 | 43187 |
| 2007 FO <sub>43</sub>  | 2008 09 25.5 | 00 09.92 | +21 37.2 | 18.7 | -0.80 | - 7.8 | 7.1/03.5  | 22885 |
| 2002 PJ <sub>110</sub> | 2008 09 25.5 | 00 09.93 | +10 41.4 | 20.5 | -0.71 | - 6.3 | 2.6/29.0  | 02115 |
| 2005 YU <sub>196</sub> | 2008 09 25.5 | 00 09.95 | -13 33.7 | 20.1 | -0.92 | - 5.3 | 6.0/20.7  | 19682 |
| 2002 GK <sub>47</sub>  | 2008 09 25.5 | 00 09.98 | +18 15.8 | 19.6 | -0.96 | - 2.7 | 5.7/30.9  | 43153 |
| 2001 YF <sub>22</sub>  | 2008 09 25.5 | 00 10.01 | -03 18.1 | 18.8 | -0.93 | - 5.6 | 1.8/24.1  | 43141 |
| 2004 VW <sub>70</sub>  | 2008 09 25.5 | 00 10.02 | -00 06.3 | 18.2 | -0.67 | - 5.9 | 0.6/25.1  | 42729 |
| 2002 PZ <sub>28</sub>  | 2008 09 25.5 | 00 10.05 | +24 39.6 | 18.0 | -0.90 | - 0.1 | 8.9/02.9  | 56421 |
| 2003 BC <sub>84</sub>  | 2008 09 25.5 | 00 10.07 | +04 34.0 | 20.0 | -0.98 | - 4.9 | 1.2/26.6  | 43168 |
| 2003 ER <sub>59</sub>  | 2008 09 25.5 | 00 10.08 | +33 27.5 | 19.2 | -1.09 | - 3.0 | 10.3/07.0 | 97642 |
| 2006 AE <sub>80</sub>  | 2008 09 25.5 | 00 10.09 | +05 35.2 | 19.9 | -0.92 | - 5.3 | 2.0/27.0  | 43252 |
| 2007 PW <sub>28</sub>  | 2008 09 25.5 | 00 10.12 | +11 00.6 | 18.7 | -0.49 | - 4.0 | 1.9/29.3  | 43285 |
| 2003 UR <sub>173</sub> | 2008 09 25.5 | 00 10.13 | +08 10.9 | 18.9 | -0.69 | - 7.4 | 2.2/28.2  | 43189 |
| 2004 TZ <sub>26</sub>  | 2008 09 25.5 | 00 10.16 | +02 36.4 | 19.9 | -0.84 | - 7.2 | 0.6/26.1  | 19634 |
| 2003 UF <sub>83</sub>  | 2008 09 25.5 | 00 10.16 | -13 58.5 | 18.2 | -0.79 | - 4.7 | 5.3/20.3  | 41801 |
| 2000 PU <sub>25</sub>  | 2008 09 25.5 | 00 10.17 | -09 36.1 | 18.3 | -0.82 | -25.2 | 4.6/20.9  | 43106 |
| 2001 TE <sub>93</sub>  | 2008 09 25.5 | 00 10.17 | +07 40.0 | 18.2 | -1.01 | - 2.4 | 3.0/27.5  | 43131 |
| 2005 YZ <sub>126</sub> | 2008 09 25.5 | 00 10.20 | -03 48.0 | 20.7 | -0.98 | - 5.4 | 1.8/24.0  | 98054 |
| 2006 AM <sub>66</sub>  | 2008 09 25.5 | 00 10.23 | +24 41.1 | 21.2 | -0.92 | - 3.7 | 7.0/03.8  | 96943 |
| 2002 FJ <sub>37</sub>  | 2008 09 25.6 | 00 10.17 | -11 42.7 | 19.7 | -1.07 | - 0.6 | 4.6/22.1  | 43152 |
| 2005 XZ <sub>110</sub> | 2008 09 25.6 | 00 10.19 | -03 48.3 | 19.6 | -0.72 | - 5.8 | 1.4/23.9  | 43246 |
| 2001 YZ <sub>96</sub>  | 2008 09 25.6 | 00 10.20 | +10 02.5 | 18.7 | -0.81 | - 8.2 | 3.9/28.8  | 43142 |
| 2003 HN <sub>26</sub>  | 2008 09 25.6 | 00 10.20 | +03 16.4 | 21.1 | -0.87 | - 8.3 | 0.8/26.4  | 43172 |
| 2005 CC <sub>31</sub>  | 2008 09 25.6 | 00 10.20 | -08 01.4 | 19.7 | -0.73 | - 5.7 | 2.9/22.4  | 02242 |
| 1999 UO <sub>18</sub>  | 2008 09 25.6 | 00 10.20 | -05 47.7 | 20.3 | -0.86 | - 4.1 | 2.5/23.4  | 42577 |
| 2007 GX <sub>31</sub>  | 2008 09 25.6 | 00 10.20 | +18 43.8 | 19.3 | -0.98 | - 3.1 | 6.0/01.3  | 43279 |
| 2000 YL <sub>41</sub>  | 2008 09 25.6 | 00 10.24 | -09 21.1 | 18.6 | -0.79 | - 6.5 | 3.6/22.0  | 02022 |
| 2003 WY <sub>36</sub>  | 2008 09 25.6 | 00 10.27 | -17 46.8 | 19.9 | -0.90 | - 1.5 | 5.6/19.7  | 77743 |
| 2007 FC <sub>41</sub>  | 2008 09 25.6 | 00 10.28 | -09 55.7 | 20.4 | -0.79 | - 6.6 | 3.4/21.8  | 20861 |
| 2005 YF <sub>29</sub>  | 2008 09 25.6 | 00 10.30 | +05 29.3 | 20.6 | -0.88 | - 5.0 | 1.5/27.1  | 43247 |
| 2006 AP <sub>60</sub>  | 2008 09 25.6 | 00 10.32 | -05 19.4 | 19.8 | -0.84 | - 6.0 | 2.4/23.5  | 43251 |
| 2004 PJ <sub>49</sub>  | 2008 09 25.6 | 00 10.36 | -01 04.1 | 18.5 | -0.94 | - 2.0 | 1.1/25.0  | 43204 |
| 2003 UW <sub>270</sub> | 2008 09 25.6 | 00 10.36 | -16 07.4 | 19.6 | -0.85 | - 2.0 | 5.3/20.4  | 21336 |
| 2003 FE <sub>115</sub> | 2008 09 25.6 | 00 10.41 | -26 06.1 | 19.8 | -1.34 | + 1.4 | 10.3/18.3 | 97648 |
| 2002 QW <sub>98</sub>  | 2008 09 25.6 | 00 10.41 | +00 13.9 | 18.9 | -0.87 | - 1.2 | 0.3/25.4  | 43160 |

|                        |              |          |          |      |       |       |           |       |
|------------------------|--------------|----------|----------|------|-------|-------|-----------|-------|
| 2001 WB <sub>26</sub>  | 2008 09 25.6 | 00 10.44 | -10 43.9 | 20.9 | -0.95 | - 4.1 | 3.8/22.0  | 97511 |
| 2004 RA <sub>178</sub> | 2008 09 25.6 | 00 10.45 | +16 46.5 | 19.2 | -0.90 | - 5.1 | 6.5/01.0  | 43209 |
| 2003 EO <sub>36</sub>  | 2008 09 25.6 | 00 10.45 | +00 52.0 | 20.5 | -0.92 | - 6.3 | 0.1/25.6  | 43169 |
| 2006 HB <sub>37</sub>  | 2008 09 25.6 | 00 10.46 | +07 08.8 | 21.0 | -0.78 | - 6.7 | 1.7/27.8  | 01653 |
| 2001 HE <sub>21</sub>  | 2008 09 25.6 | 00 10.48 | -09 30.7 | 19.2 | -0.84 | - 2.0 | 3.3/22.5  | 43120 |
| 2003 FV <sub>86</sub>  | 2008 09 25.6 | 00 10.51 | +08 58.6 | 19.8 | -0.94 | - 5.5 | 2.8/28.2  | 43170 |
| 2002 CE <sub>234</sub> | 2008 09 25.6 | 00 10.53 | -26 30.5 | 20.1 | -0.94 | - 4.1 | 9.5/15.9  | 94641 |
| 2007 FN <sub>20</sub>  | 2008 09 25.6 | 00 10.56 | +00 50.4 | 20.1 | -0.95 | - 5.1 | 0.1/25.6  | 20583 |
| 1995 OD <sub>4</sub>   | 2008 09 25.6 | 00 10.59 | +07 11.6 | 18.7 | -0.85 | - 2.5 | 2.8/27.5  | 43092 |
| 2005 BN <sub>18</sub>  | 2008 09 25.7 | 00 10.52 | +15 52.4 | 20.1 | -0.84 | - 3.3 | 5.1/30.5  | 43229 |
| 2006 BC <sub>66</sub>  | 2008 09 25.7 | 00 10.54 | -05 01.6 | 19.7 | -0.85 | - 5.0 | 2.4/23.7  | 42794 |
| 2003 FA <sub>45</sub>  | 2008 09 25.7 | 00 10.54 | +01 21.4 | 20.9 | -0.92 | - 6.4 | 0.1/25.8  | 21326 |
| 2001 SW <sub>90</sub>  | 2008 09 25.7 | 00 10.57 | +14 39.5 | 19.3 | -1.63 | + 7.5 | 6.4/28.0  | 23730 |
| 2008 RX <sub>66</sub>  | 2008 09 25.7 | 00 10.58 | -05 13.1 | 19.4 | -0.89 | - 4.4 | 2.9/23.7  | 43008 |
| 2004 XM <sub>86</sub>  | 2008 09 25.7 | 00 10.58 | -04 17.9 | 20.3 | -0.78 | - 5.6 | 1.7/23.9  | 77794 |
| 2001 QU <sub>42</sub>  | 2008 09 25.7 | 00 10.60 | +05 49.5 | 19.2 | -1.05 | - 4.7 | 1.8/27.1  | 43122 |
| 2002 CM <sub>159</sub> | 2008 09 25.7 | 00 10.63 | -05 50.9 | 21.1 | -0.43 | - 3.6 | 1.0/23.1  | 90149 |
| 2007 GC <sub>39</sub>  | 2008 09 25.7 | 00 10.65 | +00 28.5 | 21.5 | -0.90 | - 6.7 | 0.2/25.5  | 41871 |
| 2003 BB <sub>88</sub>  | 2008 09 25.7 | 00 10.68 | -08 17.8 | 20.7 | -0.59 | - 4.8 | 2.0/22.3  | 21790 |
| 2005 UC <sub>218</sub> | 2008 09 25.7 | 00 10.73 | -17 35.1 | 20.1 | -0.85 | - 6.3 | 5.9/19.1  | 01058 |
| 2005 YE <sub>221</sub> | 2008 09 25.7 | 00 10.74 | +20 35.5 | 20.5 | -0.90 | - 4.2 | 5.8/02.2  | 21169 |
| 2004 PX <sub>33</sub>  | 2008 09 25.7 | 00 10.74 | +01 21.0 | 19.4 | -0.86 | - 6.4 | 0.1/25.8  | 43204 |
| 2005 AC <sub>44</sub>  | 2008 09 25.7 | 00 10.76 | -03 26.1 | 20.6 | -0.76 | - 4.7 | 1.4/24.2  | 43228 |
| 2005 YK <sub>122</sub> | 2008 09 25.7 | 00 10.76 | +10 43.4 | 19.3 | -1.02 | - 2.1 | 4.9/28.0  | 43248 |
| 2000 GX <sub>29</sub>  | 2008 09 25.7 | 00 10.79 | +01 01.8 | 20.0 | -0.96 | - 6.0 | 0.1/25.7  | 19522 |
| 2002 RT <sub>250</sub> | 2008 09 25.7 | 00 10.84 | +16 28.4 | 19.4 | -0.79 | - 3.6 | 4.9/30.9  | 94845 |
| 2006 DG <sub>69</sub>  | 2008 09 25.7 | 00 10.88 | -04 55.7 | 19.6 | -0.69 | - 8.1 | 2.0/23.5  | 43261 |
| 2003 LV <sub>2</sub>   | 2008 09 25.7 | 00 10.90 | -24 30.2 | 19.7 | -0.94 | - 1.8 | 8.9/17.5  | 43172 |
| 2004 VM <sub>2</sub>   | 2008 09 25.8 | 00 10.87 | +07 50.3 | 19.8 | -0.86 | - 5.5 | 2.3/28.0  | 43221 |
| 2006 DT <sub>27</sub>  | 2008 09 25.8 | 00 10.88 | -02 37.2 | 20.8 | -0.85 | - 7.3 | 1.3/24.5  | 43259 |
| 2001 XW <sub>230</sub> | 2008 09 25.8 | 00 10.88 | +07 18.9 | 20.4 | -0.96 | - 5.6 | 2.3/27.7  | 94399 |
| 2007 FN <sub>38</sub>  | 2008 09 25.8 | 00 10.91 | -02 57.9 | 19.0 | -1.62 | + 4.4 | 2.0/25.1  | 19471 |
| 1999 RY <sub>20</sub>  | 2008 09 25.8 | 00 10.91 | +08 17.0 | 18.7 | -1.02 | - 1.3 | 2.6/28.0  | 43097 |
| 2008 RE <sub>5</sub>   | 2008 09 25.8 | 00 10.91 | +00 00.5 | 20.1 | -0.74 | - 4.5 | 0.4/25.4  | 43006 |
| 2000 AT <sub>220</sub> | 2008 09 25.8 | 00 10.92 | +08 49.8 | 20.0 | -0.49 | - 2.7 | 1.3/28.5  | 24302 |
| 2000 LB <sub>31</sub>  | 2008 09 25.8 | 00 10.94 | -26 13.3 | 18.3 | -0.81 | - 2.1 | 13.2/16.4 | 43106 |
| 2001 QZ <sub>45</sub>  | 2008 09 25.8 | 00 10.94 | -01 47.7 | 19.0 | -0.81 | - 8.4 | 1.4/24.8  | 43122 |
| 2001 UL <sub>47</sub>  | 2008 09 25.8 | 00 11.00 | +04 06.6 | 19.1 | -0.79 | -10.3 | 1.2/26.9  | 43133 |
| 2005 YH <sub>182</sub> | 2008 09 25.8 | 00 11.03 | +17 03.5 | 19.3 | -0.87 | - 6.5 | 5.3/01.4  | 43249 |
| 2004 VC <sub>23</sub>  | 2008 09 25.8 | 00 11.03 | +06 18.8 | 17.9 | -0.73 | - 6.3 | 2.4/27.6  | 43222 |
| 2000 WH <sub>181</sub> | 2008 09 25.8 | 00 11.05 | -20 02.9 | 18.5 | -1.27 | + 3.8 | 8.5/21.0  | 43115 |
| 2004 XR <sub>191</sub> | 2008 09 25.8 | 00 11.06 | +30 22.9 | 20.8 | -0.90 | - 1.1 | 6.8/05.6  | 11076 |
| 2004 TC <sub>325</sub> | 2008 09 25.8 | 00 11.07 | +06 20.5 | 19.6 | -0.82 | - 7.6 | 1.8/27.6  | 43220 |
| 2002 CL <sub>117</sub> | 2008 09 25.8 | 00 11.07 | -18 00.9 | 21.0 | -0.83 | - 6.0 | 5.4/19.0  | 94605 |
| 2002 GF <sub>27</sub>  | 2008 09 25.8 | 00 11.08 | -45 02.1 | 20.4 | -1.43 | + 0.1 | 19.0/08.8 | 31993 |
| 2007 DR <sub>53</sub>  | 2008 09 25.8 | 00 11.08 | +02 09.1 | 20.1 | -0.89 | - 7.5 | 0.3/26.2  | 43274 |
| 2006 BO <sub>112</sub> | 2008 09 25.8 | 00 11.09 | +07 02.3 | 21.3 | -0.85 | - 3.9 | 1.7/27.7  | 43254 |
| 2000 CB <sub>130</sub> | 2008 09 25.8 | 00 11.12 | -01 02.3 | 18.9 | -0.67 | - 5.6 | 1.3/25.1  | 43103 |
| 2000 QE <sub>155</sub> | 2008 09 25.8 | 00 11.12 | +08 04.3 | 19.0 | -0.88 | - 5.8 | 2.8/28.1  | 43107 |
| 2002 GB <sub>16</sub>  | 2008 09 25.8 | 00 11.14 | -02 33.9 | 18.8 | -0.93 | - 2.4 | 1.3/24.8  | 43152 |
| 2006 BU <sub>2</sub>   | 2008 09 25.8 | 00 11.18 | -05 41.7 | 19.6 | -0.88 | - 4.8 | 2.4/23.7  | 43252 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2005 LY <sub>49</sub>  | 2008 09 25.8 | 00 11.18 +03 52.4 20.2 | -0.46 | - 5.0 | 0.5/26.9  | 43232 |
| 2003 EG <sub>24</sub>  | 2008 09 25.8 | 00 11.18 -05 41.3 21.2 | -0.97 | - 6.6 | 2.4/23.6  | 97640 |
| 2006 BB <sub>22</sub>  | 2008 09 25.8 | 00 11.18 -10 03.4 19.2 | -0.82 | - 8.6 | 4.6/21.8  | 43253 |
| 2006 DU <sub>34</sub>  | 2008 09 25.8 | 00 11.18 +02 19.7 20.4 | -0.78 | - 5.0 | 0.3/26.2  | 43260 |
| 2003 FD <sub>104</sub> | 2008 09 25.8 | 00 11.19 +04 51.5 20.3 | -0.93 | - 6.0 | 1.2/27.0  | 43170 |
| 2006 CX <sub>22</sub>  | 2008 09 25.8 | 00 11.19 +04 09.1 19.7 | -0.93 | - 2.0 | 1.0/26.7  | 43258 |
| 2002 CX <sub>9</sub>   | 2008 09 25.8 | 00 11.21 -41 16.5 19.1 | -1.19 | - 5.0 | 17.4/08.4 | 43145 |
| 2007 EL <sub>86</sub>  | 2008 09 25.8 | 00 11.21 +00 51.4 20.1 | -0.94 | - 3.7 | 0.1/25.8  | 43276 |
| 2000 WF <sub>192</sub> | 2008 09 25.8 | 00 11.23 -25 00.9 18.6 | -0.75 | - 6.3 | 11.2/15.3 | 43115 |
| 2005 EX <sub>262</sub> | 2008 09 25.8 | 00 11.23 +04 33.6 20.4 | -0.61 | - 3.8 | 0.7/27.0  | 43231 |
| 2005 AQ <sub>7</sub>   | 2008 09 25.8 | 00 11.24 -13 21.4 20.3 | -0.72 | - 4.8 | 3.8/20.8  | 03652 |
| 2003 ST <sub>184</sub> | 2008 09 25.8 | 00 11.27 -01 58.8 19.5 | -0.80 | - 4.4 | 1.1/24.8  | 43180 |
| 2002 AS <sub>187</sub> | 2008 09 25.8 | 00 11.29 -17 08.6 20.0 | -0.84 | - 4.6 | 5.3/19.8  | 97554 |
| 1995 SW <sub>6</sub>   | 2008 09 25.8 | 00 11.33 +06 26.1 19.2 | -1.10 | + 0.3 | 2.0/27.2  | 42568 |
| 2001 SO <sub>285</sub> | 2008 09 25.9 | 00 11.23 -01 06.5 19.1 | -1.03 | - 3.4 | 0.9/25.2  | 43129 |
| 2003 SV <sub>149</sub> | 2008 09 25.9 | 00 11.24 -10 00.6 18.9 | -0.73 | - 7.0 | 3.6/21.9  | 43179 |
| 2005 BR <sub>8</sub>   | 2008 09 25.9 | 00 11.25 +18 36.1 19.3 | -0.89 | - 1.7 | 5.5/01.3  | 43229 |
| 2004 UQ <sub>4</sub>   | 2008 09 25.9 | 00 11.26 +27 33.9 18.7 | -0.99 | - 1.2 | 10.7/04.5 | 97766 |
| 2006 AD <sub>47</sub>  | 2008 09 25.9 | 00 11.26 -03 45.8 21.2 | -0.85 | - 4.6 | 1.5/24.3  | 40413 |
| 2002 EG <sub>22</sub>  | 2008 09 25.9 | 00 11.27 -03 01.1 19.3 | -1.00 | - 1.0 | 1.5/24.8  | 19573 |
| 2004 TX <sub>119</sub> | 2008 09 25.9 | 00 11.28 +17 57.6 19.8 | -0.85 | - 7.1 | 6.1/01.8  | 73333 |
| 1999 UH <sub>34</sub>  | 2008 09 25.9 | 00 11.29 +01 45.0 20.3 | -0.80 | - 5.6 | 0.2/26.1  | 43100 |
| 2003 XX <sub>14</sub>  | 2008 09 25.9 | 00 11.29 -03 43.8 19.7 | -1.01 | + 0.1 | 1.5/24.6  | 43196 |
| 2003 SW <sub>266</sub> | 2008 09 25.9 | 00 11.30 -01 40.7 19.3 | -0.77 | - 5.1 | 1.0/24.9  | 43182 |
| 2001 YE <sub>89</sub>  | 2008 09 25.9 | 00 11.36 +14 31.6 20.4 | -0.96 | - 4.8 | 4.6/30.1  | 97538 |
| 2003 WR <sub>4</sub>   | 2008 09 25.9 | 00 11.39 -09 06.2 19.1 | -0.92 | - 0.4 | 3.5/23.0  | 00660 |
| 2002 BO <sub>19</sub>  | 2008 09 25.9 | 00 11.40 -05 47.8 20.2 | -0.87 | - 4.9 | 2.2/23.7  | 43145 |
| 2003 WC <sub>12</sub>  | 2008 09 25.9 | 00 11.41 -13 20.9 18.1 | -0.89 | - 0.3 | 5.0/21.8  | 21337 |
| 2004 TG <sub>2</sub>   | 2008 09 25.9 | 00 11.42 -00 19.6 19.9 | -0.84 | - 5.7 | 0.6/25.4  | 43214 |
| 2005 XJ <sub>52</sub>  | 2008 09 25.9 | 00 11.44 +12 33.9 20.1 | -0.98 | - 4.6 | 4.8/29.5  | 98025 |
| 2002 GA <sub>77</sub>  | 2008 09 25.9 | 00 11.46 -05 25.3 20.8 | -0.77 | - 6.8 | 2.0/23.6  | 00236 |
| 2004 WX <sub>1</sub>   | 2008 09 25.9 | 00 11.46 -13 31.0 20.0 | -0.88 | - 3.5 | 4.7/21.2  | 04310 |
| 2006 HG <sub>35</sub>  | 2008 09 25.9 | 00 11.47 +01 28.4 20.6 | -0.70 | - 4.6 | 0.1/26.0  | 43267 |
| 2001 RP <sub>95</sub>  | 2008 09 25.9 | 00 11.49 -10 59.0 18.7 | -0.82 | -17.1 | 4.6/20.9  | 43125 |
| 2002 ER <sub>45</sub>  | 2008 09 25.9 | 00 11.50 -08 55.5 20.6 | -0.85 | - 4.8 | 3.3/22.7  | 00200 |
| 2006 CO <sub>41</sub>  | 2008 09 25.9 | 00 11.50 +09 12.9 20.6 | -0.78 | - 3.9 | 2.2/28.6  | 43258 |
| 2005 CL <sub>72</sub>  | 2008 09 25.9 | 00 11.58 +00 16.7 20.1 | -0.82 | - 3.4 | 0.3/25.7  | 43230 |
| 2003 SF <sub>282</sub> | 2008 09 25.9 | 00 11.59 +10 17.4 19.9 | -0.72 | - 7.8 | 2.8/29.3  | 02174 |
| 2003 UO <sub>203</sub> | 2008 09 25.9 | 00 11.59 +05 28.7 19.9 | -0.75 | - 5.6 | 1.4/27.4  | 43190 |
| 2004 RC <sub>292</sub> | 2008 09 25.9 | 00 11.60 +08 43.9 19.0 | -0.82 | - 7.3 | 3.0/28.6  | 43211 |
| 2000 UJ <sub>67</sub>  | 2008 09 25.9 | 00 11.61 +01 06.9 18.2 | -0.94 | - 2.4 | 0.1/25.9  | 43112 |
| 2005 UQ <sub>370</sub> | 2008 09 25.9 | 00 11.62 -11 06.8 19.9 | -1.00 | - 4.5 | 5.1/22.2  | 04361 |
| 2004 SN <sub>20</sub>  | 2008 09 25.9 | 00 11.63 +03 21.4 18.1 | -0.70 | - 7.9 | 1.0/26.8  | 20802 |
| 2004 KN <sub>8</sub>   | 2008 09 26.0 | 00 11.61 -06 11.9 19.5 | -0.97 | - 6.3 | 3.0/23.6  | 43201 |
| 1999 VN <sub>115</sub> | 2008 09 26.0 | 00 11.65 -03 50.1 20.5 | -0.81 | - 4.9 | 1.7/24.3  | 97360 |
| 2003 UV <sub>52</sub>  | 2008 09 26.0 | 00 11.65 +15 22.0 18.4 | -0.81 | - 4.0 | 4.8/30.8  | 43186 |
| 2000 SH <sub>213</sub> | 2008 09 26.0 | 00 11.65 -13 31.8 18.3 | -0.79 | - 5.4 | 6.6/20.8  | 43110 |
| 2007 CH <sub>54</sub>  | 2008 09 26.0 | 00 11.66 -10 32.0 19.3 | -0.96 | - 4.4 | 5.1/22.4  | 43272 |
| 2003 UH <sub>16</sub>  | 2008 09 26.0 | 00 11.68 -26 07.3 18.9 | -0.99 | + 1.2 | 8.6/18.2  | 43185 |
| 1999 AY <sub>14</sub>  | 2008 09 26.0 | 00 11.70 -17 47.0 18.5 | -0.83 | - 7.2 | 8.3/19.0  | 41750 |
| 2007 JA <sub>3</sub>   | 2008 09 26.0 | 00 11.72 -09 46.6 21.3 | -0.89 | - 4.3 | 3.3/22.6  | 20667 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2001 BS <sub>16</sub>  | 2008 09 26.0 | 00 11.73 -26 52.1 19.6 | -0.52 | - 3.0 | 4.8/15.1  | 43118 |
| 2006 AZ <sub>54</sub>  | 2008 09 26.0 | 00 11.75 -07 00.3 22.0 | -0.78 | - 6.2 | 2.3/23.2  | 96936 |
| 2000 UH <sub>97</sub>  | 2008 09 26.0 | 00 11.76 +22 22.0 19.8 | -0.77 | - 8.1 | 8.6/04.2  | 74847 |
| 2007 FB <sub>39</sub>  | 2008 09 26.0 | 00 11.77 +03 47.3 20.1 | -0.98 | - 2.4 | 0.8/26.8  | 43278 |
| 2001 VT <sub>31</sub>  | 2008 09 26.0 | 00 11.78 -22 32.2 19.8 | -0.72 | - 2.4 | 5.8/17.6  | 61190 |
| 2003 SC <sub>162</sub> | 2008 09 26.0 | 00 11.82 -01 38.5 19.8 | -0.85 | - 2.4 | 0.9/25.2  | 43179 |
| 2002 QN <sub>113</sub> | 2008 09 26.0 | 00 11.84 +25 14.7 19.0 | -0.90 | - 2.0 | 7.5/04.3  | 40676 |
| 2007 MB <sub>5</sub>   | 2008 09 26.0 | 00 11.84 -16 29.1 20.9 | -0.81 | - 6.5 | 5.5/19.8  | 21714 |
| 2003 SA <sub>35</sub>  | 2008 09 26.0 | 00 11.85 -02 24.0 18.9 | -0.76 | - 5.7 | 1.2/24.8  | 43176 |
| 2006 BV <sub>135</sub> | 2008 09 26.0 | 00 11.86 -04 26.4 21.7 | -0.84 | - 6.5 | 1.8/24.1  | 03849 |
| 2005 VZ <sub>88</sub>  | 2008 09 26.0 | 00 11.86 -10 38.5 19.7 | -0.97 | - 5.6 | 5.5/22.2  | 97970 |
| 2004 XN <sub>70</sub>  | 2008 09 26.0 | 00 11.88 +21 09.5 19.3 | -0.85 | - 5.7 | 6.6/03.1  | 00878 |
| 2003 SC <sub>286</sub> | 2008 09 26.0 | 00 11.89 +12 07.5 20.6 | -0.79 | - 4.6 | 3.4/29.7  | 02175 |
| 2006 DW <sub>38</sub>  | 2008 09 26.0 | 00 11.92 -01 13.6 19.7 | -0.78 | - 4.1 | 0.8/25.3  | 43260 |
| 2006 BY <sub>275</sub> | 2008 09 26.0 | 00 11.93 -07 19.1 20.8 | -0.72 | - 4.8 | 2.4/23.2  | 24057 |
| 2005 UW <sub>28</sub>  | 2008 09 26.0 | 00 11.94 +07 31.8 20.4 | -0.94 | - 8.7 | 2.5/28.2  | 43236 |
| 2004 UC <sub>11</sub>  | 2008 09 26.0 | 00 11.95 -14 02.0 19.6 | -0.83 | - 7.6 | 6.9/20.3  | 11073 |
| 2005 WW <sub>98</sub>  | 2008 09 26.0 | 00 11.98 -06 56.7 20.5 | -0.94 | - 5.5 | 3.1/23.5  | 20825 |
| 2005 YH <sub>204</sub> | 2008 09 26.0 | 00 12.00 -04 18.8 19.5 | -0.91 | - 7.0 | 2.3/24.2  | 21353 |
| 2002 GH <sub>160</sub> | 2008 09 26.0 | 00 12.00 -04 13.6 19.9 | -0.83 | - 6.8 | 1.9/24.2  | 43154 |
| 2001 XD <sub>111</sub> | 2008 09 26.0 | 00 12.01 +08 01.5 19.3 | -0.86 | - 7.8 | 2.5/28.4  | 43139 |
| 2002 KB <sub>1</sub>   | 2008 09 26.0 | 00 12.10 -44 24.6 19.4 | -1.60 | + 9.2 | 22.8/15.8 | 18014 |
| 2005 UU <sub>103</sub> | 2008 09 26.1 | 00 11.95 -01 12.5 20.5 | -0.95 | - 6.8 | 0.9/25.3  | 20820 |
| 2004 FW <sub>36</sub>  | 2008 09 26.1 | 00 11.98 -06 25.6 18.5 | -1.03 | - 3.4 | 3.6/23.9  | 43199 |
| 2002 PV <sub>38</sub>  | 2008 09 26.1 | 00 11.98 +07 18.2 20.1 | -0.74 | - 5.6 | 1.9/28.2  | 43157 |
| 2000 DQ <sub>90</sub>  | 2008 09 26.1 | 00 11.98 +12 17.6 19.4 | -0.86 | - 2.5 | 3.8/29.5  | 43103 |
| 2001 VP <sub>30</sub>  | 2008 09 26.1 | 00 11.99 -01 56.0 17.3 | -0.80 | - 2.1 | 1.7/25.1  | 43136 |
| 2003 QQ <sub>89</sub>  | 2008 09 26.1 | 00 12.00 +23 48.6 19.0 | -0.84 | - 6.1 | 7.8/04.7  | 43175 |
| 2004 RA <sub>110</sub> | 2008 09 26.1 | 00 12.02 +65 20.3 18.0 | -1.56 | +19.0 | 36.0/08.0 | 74338 |
| 2003 SZ <sub>289</sub> | 2008 09 26.1 | 00 12.06 -11 16.2 18.7 | -0.89 | - 1.4 | 4.3/22.4  | 43182 |
| 2006 BR <sub>247</sub> | 2008 09 26.1 | 00 12.08 -03 01.0 20.7 | -0.81 | - 5.7 | 1.4/24.7  | 43257 |
| 2007 JN <sub>26</sub>  | 2008 09 26.1 | 00 12.09 -10 05.9 20.3 | -0.93 | - 6.6 | 4.3/22.3  | 21699 |
| 2005 BJ <sub>28</sub>  | 2008 09 26.1 | 00 12.10 +07 20.8 20.6 | -0.85 | - 3.7 | 2.0/28.0  | 43229 |
| 2006 CB <sub>8</sub>   | 2008 09 26.1 | 00 12.13 -03 22.4 21.2 | -0.71 | - 6.7 | 1.3/24.5  | 02284 |
| 2004 JZ <sub>33</sub>  | 2008 09 26.1 | 00 12.13 -10 37.9 19.8 | -0.97 | - 5.8 | 4.9/22.3  | 16271 |
| 2003 UJ <sub>248</sub> | 2008 09 26.1 | 00 12.13 +10 16.7 20.2 | -0.73 | - 6.3 | 2.6/29.3  | 43191 |
| 2006 DB <sub>39</sub>  | 2008 09 26.1 | 00 12.14 +02 00.1 21.1 | -0.84 | - 5.5 | 0.2/26.4  | 04370 |
| 2003 UO <sub>295</sub> | 2008 09 26.1 | 00 12.16 -02 52.7 20.0 | -0.88 | - 1.6 | 1.5/24.9  | 00654 |
| 2005 WE <sub>82</sub>  | 2008 09 26.1 | 00 12.17 -07 51.1 19.7 | -1.02 | - 3.9 | 4.2/23.4  | 04364 |
| 1999 UK <sub>30</sub>  | 2008 09 26.1 | 00 12.20 +00 42.0 20.2 | -0.78 | - 6.7 | 0.2/25.9  | 43100 |
| 2001 TB <sub>109</sub> | 2008 09 26.1 | 00 12.20 +11 03.3 19.8 | -0.96 | - 5.9 | 4.0/29.3  | 17958 |
| 2005 UA <sub>279</sub> | 2008 09 26.1 | 00 12.20 +04 17.3 20.2 | -0.93 | - 7.9 | 1.1/27.2  | 43239 |
| 2004 TS <sub>206</sub> | 2008 09 26.1 | 00 12.24 +03 10.4 20.3 | -0.81 | - 6.0 | 0.6/26.8  | 02220 |
| 2006 BP <sub>72</sub>  | 2008 09 26.1 | 00 12.24 -00 48.1 20.2 | -0.92 | - 4.5 | 0.7/25.5  | 97035 |
| 2003 UV <sub>17</sub>  | 2008 09 26.1 | 00 12.26 -19 47.7 20.3 | -0.92 | - 0.6 | 5.4/19.8  | 77723 |
| 2001 XG <sub>248</sub> | 2008 09 26.1 | 00 12.28 +13 41.3 19.8 | -0.91 | - 5.1 | 4.2/30.3  | 21309 |
| 2002 FT <sub>33</sub>  | 2008 09 26.1 | 00 12.32 -12 49.3 21.1 | -0.89 | - 3.9 | 4.2/21.6  | 43152 |
| 2001 UR <sub>85</sub>  | 2008 09 26.1 | 00 12.34 +01 32.5 18.9 | -0.82 | - 7.5 | 0.1/26.3  | 43134 |
| 2001 YJ <sub>116</sub> | 2008 09 26.1 | 00 12.34 -04 14.1 19.5 | -0.89 | - 6.6 | 2.3/24.3  | 43142 |
| 2005 XF <sub>2</sub>   | 2008 09 26.1 | 00 12.36 -02 35.2 20.3 | -0.95 | - 5.6 | 1.4/24.9  | 21351 |
| 2006 AG <sub>53</sub>  | 2008 09 26.1 | 00 12.37 -16 41.3 20.2 | -0.80 | - 7.0 | 6.1/19.7  | 26122 |

|                        |              |                        |             |           |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 GT <sub>74</sub>  | 2008 09 26.2 | 00 12.32 +03 32.4 19.8 | -0.79 - 6.3 | 0.7/27.0  | 43153 | 2006 DF                | 2008 09 26.4 | 00 13.03 -12 15.4 20.8 | -0.82 - 4.3 | 3.8/21.9  | 43259 |
| 6865 P-L               | 2008 09 26.2 | 00 12.33 +00 06.4 18.9 | -1.18 + 2.5 | 0.5/25.9  | 43320 | 2007 GD <sub>65</sub>  | 2008 09 26.4 | 00 13.04 +14 53.7 20.0 | -0.79 - 9.5 | 4.5/01.5  | 21214 |
| 2003 WQ <sub>189</sub> | 2008 09 26.2 | 00 12.34 -06 32.3 18.4 | -0.66 -11.5 | 2.6/23.0  | 43195 | 2002 OL <sub>27</sub>  | 2008 09 26.4 | 00 13.05 +15 05.2 20.0 | -0.80 - 4.0 | 4.1/01.0  | 13904 |
| 2006 DK <sub>31</sub>  | 2008 09 26.2 | 00 12.34 +06 02.7 20.2 | -0.92 - 3.4 | 1.6/27.6  | 42801 | 2003 FM <sub>34</sub>  | 2008 09 26.4 | 00 13.07 +00 06.3 20.8 | -1.02 - 4.5 | 0.5/26.0  | 00425 |
| 2005 CJ <sub>67</sub>  | 2008 09 26.2 | 00 12.36 -12 11.5 20.4 | -0.70 - 7.1 | 3.8/21.2  | 14144 | 2005 WA <sub>173</sub> | 2008 09 26.4 | 00 13.09 -17 37.2 19.9 | -0.99 - 2.3 | 8.7/20.7  | 01152 |
| 2005 SJ <sub>93</sub>  | 2008 09 26.2 | 00 12.41 +05 16.0 20.6 | -0.96 - 8.4 | 1.5/27.5  | 43233 | 2002 CA <sub>289</sub> | 2008 09 26.4 | 00 13.10 -24 02.0 20.0 | -0.93 - 3.3 | 8.9/18.0  | 20762 |
| 2005 UW <sub>37</sub>  | 2008 09 26.2 | 00 12.42 -00 14.4 19.6 | -0.94 - 6.4 | 0.7/25.7  | 43236 | 2000 XE <sub>6</sub>   | 2008 09 26.4 | 00 13.10 +07 51.5 18.5 | -0.92 - 1.9 | 3.2/28.0  | 43115 |
| 2007 JL <sub>21</sub>  | 2008 09 26.2 | 00 12.42 -01 57.4 19.8 | -0.85 - 2.3 | 1.0/25.2  | 43283 | 2003 UK <sub>57</sub>  | 2008 09 26.4 | 00 13.10 -07 05.9 19.5 | -0.79 - 3.5 | 2.9/23.7  | 43186 |
| 2003 SL <sub>321</sub> | 2008 09 26.2 | 00 12.43 +07 30.0 20.2 | -0.83 - 3.0 | 1.8/28.1  | 43183 | 2002 EV <sub>114</sub> | 2008 09 26.4 | 00 13.11 +03 38.1 21.4 | -0.86 - 4.7 | 0.7/27.1  | 94706 |
| 2001 DG <sub>97</sub>  | 2008 09 26.2 | 00 12.45 -06 27.6 19.9 | -0.46 - 3.8 | 1.3/23.4  | 21763 | 2002 GD <sub>85</sub>  | 2008 09 26.4 | 00 13.13 -05 44.2 20.0 | -0.89 - 5.1 | 2.3/24.1  | 02094 |
| 2002 QB <sub>108</sub> | 2008 09 26.2 | 00 12.45 -12 03.4 20.2 | -0.68 - 7.6 | 4.0/21.3  | 12255 | 2007 HW <sub>23</sub>  | 2008 09 26.4 | 00 13.13 +08 43.6 19.4 | -0.80 -10.2 | 3.2/29.1  | 31529 |
| 2004 XS <sub>3</sub>   | 2008 09 26.2 | 00 12.45 -06 36.2 18.6 | -0.84 - 4.3 | 2.9/23.7  | 43224 | 1998 XD <sub>13</sub>  | 2008 09 26.4 | 00 13.13 -13 48.8 20.2 | -0.82 - 2.9 | 4.8/21.5  | 01973 |
| 2003 UK <sub>218</sub> | 2008 09 26.2 | 00 12.46 -14 20.6 19.6 | -0.79 - 3.0 | 4.7/21.2  | 00642 | 2002 AH <sub>145</sub> | 2008 09 26.4 | 00 13.14 -02 11.9 20.1 | -0.88 - 7.2 | 1.4/25.2  | 43144 |
| 2001 HJ <sub>21</sub>  | 2008 09 26.2 | 00 12.46 +02 53.9 20.0 | -0.96 - 9.3 | 0.7/26.8  | 43120 | 2003 SX <sub>249</sub> | 2008 09 26.4 | 00 13.16 -03 22.1 18.9 | -0.85 - 2.5 | 1.5/25.0  | 02173 |
| 2005 VS <sub>60</sub>  | 2008 09 26.2 | 00 12.48 +07 03.7 19.0 | -0.91 - 7.3 | 2.7/28.2  | 42781 | 1997 TF <sub>12</sub>  | 2008 09 26.4 | 00 13.17 -01 49.7 20.6 | -0.52 - 2.3 | 0.6/25.3  | 42570 |
| 2005 VS <sub>88</sub>  | 2008 09 26.2 | 00 12.48 -15 40.7 18.6 | -0.82 - 1.4 | 9.4/20.9  | 97970 | 2001 XX <sub>20</sub>  | 2008 09 26.4 | 00 13.17 +06 38.6 18.3 | -1.00 - 3.2 | 2.1/28.0  | 43138 |
| 2004 TM <sub>18</sub>  | 2008 09 26.2 | 00 12.48 -23 00.0 18.7 | -0.77 - 5.0 | 10.3/17.1 | 19634 | 2002 CB <sub>32</sub>  | 2008 09 26.4 | 00 13.23 -04 06.0 20.0 | -0.90 - 4.3 | 1.9/24.7  | 04191 |
| 2007 DS <sub>23</sub>  | 2008 09 26.2 | 00 12.50 +02 05.6 20.5 | -0.98 - 6.5 | 0.3/26.5  | 43273 | 2006 HG <sub>58</sub>  | 2008 09 26.4 | 00 13.25 -17 45.4 20.0 | -0.78 - 3.9 | 5.7/19.9  | 01677 |
| 2003 SS <sub>82</sub>  | 2008 09 26.2 | 00 12.50 +00 47.9 19.8 | -0.73 - 7.0 | 0.2/26.0  | 43177 | 2003 YK <sub>8</sub>   | 2008 09 26.4 | 00 13.27 +38 22.1 19.9 | -1.10 - 8.5 | 15.9/12.9 | 66320 |
| 2003 UU <sub>267</sub> | 2008 09 26.2 | 00 12.50 -08 15.7 19.3 | -0.79 - 3.9 | 3.1/23.1  | 02189 | 2004 RA <sub>32</sub>  | 2008 09 26.4 | 00 13.29 +14 09.1 20.1 | -1.28 - 0.5 | 4.7/29.8  | 43207 |
| 2004 XC <sub>77</sub>  | 2008 09 26.2 | 00 12.54 +04 24.4 19.4 | -0.84 - 5.6 | 1.1/27.3  | 43225 | 2006 EQ                | 2008 09 26.4 | 00 13.34 -10 04.3 19.6 | -0.80 - 2.9 | 3.2/22.8  | 11163 |
| 2003 SM <sub>125</sub> | 2008 09 26.2 | 00 12.56 +07 11.1 19.5 | -0.84 - 3.0 | 1.8/28.0  | 43178 | 2005 AW <sub>49</sub>  | 2008 09 26.4 | 00 13.34 +11 29.0 19.4 | -0.82 - 3.4 | 3.3/29.7  | 17538 |
| 2005 CM <sub>61</sub>  | 2008 09 26.2 | 00 12.57 +17 21.9 19.5 | -0.84 - 2.8 | 5.0/01.4  | 43230 | 2001 SN <sub>67</sub>  | 2008 09 26.4 | 00 13.35 -03 11.5 19.1 | -0.88 - 6.1 | 2.1/24.9  | 43126 |
| 2007 EK <sub>25</sub>  | 2008 09 26.2 | 00 12.57 +02 02.4 20.3 | -0.93 - 5.9 | 0.2/26.5  | 43275 | 2005 XQ <sub>26</sub>  | 2008 09 26.4 | 00 13.37 -03 33.6 19.5 | -1.00 - 5.3 | 2.1/24.9  | 43245 |
| 2006 BV <sub>141</sub> | 2008 09 26.2 | 00 12.60 +00 07.6 20.6 | -0.82 - 5.2 | 0.4/25.9  | 43255 | 2002 JL <sub>125</sub> | 2008 09 26.4 | 00 13.37 -00 20.0 19.6 | -0.86 - 4.3 | 0.6/25.9  | 43155 |
| 2006 BC <sub>14</sub>  | 2008 09 26.2 | 00 12.61 +03 10.1 20.0 | -0.92 - 5.5 | 0.7/26.8  | 03839 | 2004 GL <sub>31</sub>  | 2008 09 26.4 | 00 13.45 -04 14.6 19.5 | -1.01 - 5.2 | 2.5/24.8  | 11052 |
| 2004 RK <sub>71</sub>  | 2008 09 26.2 | 00 12.67 +04 55.0 19.9 | -0.84 - 8.3 | 1.3/27.5  | 43208 | 2005 AV <sub>69</sub>  | 2008 09 26.5 | 00 13.39 +12 03.4 19.8 | -0.81 - 3.1 | 3.2/29.9  | 76610 |
| 1999 TS <sub>270</sub> | 2008 09 26.2 | 00 12.68 +03 06.0 18.9 | -0.98 - 0.8 | 0.6/26.8  | 43100 | 2005 XG <sub>41</sub>  | 2008 09 26.5 | 00 13.44 -10 13.1 20.5 | -1.01 - 4.4 | 4.7/22.9  | 96624 |
| 2002 QK <sub>49</sub>  | 2008 09 26.2 | 00 12.69 +09 47.5 19.7 | -0.83 - 2.5 | 2.7/28.9  | 43159 | 2002 RS <sub>41</sub>  | 2008 09 26.5 | 00 13.46 -08 40.4 18.8 | -0.71 - 5.3 | 3.3/23.0  | 43161 |
| 2005 WK <sub>108</sub> | 2008 09 26.2 | 00 12.70 -05 04.8 19.7 | -0.89 - 4.8 | 3.3/24.2  | 42784 | 2003 UO <sub>148</sub> | 2008 09 26.5 | 00 13.48 -25 48.0 19.8 | -0.84 - 1.9 | 8.3/17.3  | 43189 |
| 2006 DL <sub>88</sub>  | 2008 09 26.2 | 00 12.72 -02 04.2 20.2 | -0.68 - 7.9 | 1.1/25.0  | 42803 | 2000 QT <sub>232</sub> | 2008 09 26.5 | 00 13.52 -01 07.1 20.6 | -0.94 - 5.4 | 0.9/25.7  | 97388 |
| 2003 YO <sub>35</sub>  | 2008 09 26.2 | 00 12.72 -09 28.7 18.9 | -0.74 - 4.3 | 3.6/22.6  | 43197 | 2006 DD <sub>200</sub> | 2008 09 26.5 | 00 13.54 +20 47.6 19.6 | -0.99 - 1.9 | 6.5/02.4  | 43263 |
| 2001 RY <sub>58</sub>  | 2008 09 26.2 | 00 12.72 -07 34.1 19.2 | -0.84 - 7.9 | 4.0/23.1  | 43125 | 2004 RH <sub>342</sub> | 2008 09 26.5 | 00 13.61 +09 25.5 19.7 | -0.87 - 7.3 | 3.1/29.3  | 43212 |
| 2004 TD <sub>75</sub>  | 2008 09 26.2 | 00 12.73 -00 51.9 20.2 | -0.86 - 4.4 | 0.9/25.6  | 43215 | 2003 SD <sub>70</sub>  | 2008 09 26.5 | 00 13.63 +00 49.7 19.1 | -0.79 - 4.5 | 0.2/26.3  | 43177 |
| 2007 JV <sub>33</sub>  | 2008 09 26.3 | 00 12.67 +02 19.7 19.2 | -0.67 - 9.0 | 0.3/26.7  | 43284 | 2001 SV <sub>274</sub> | 2008 09 26.5 | 00 13.64 -00 26.9 20.3 | -1.02 - 3.3 | 0.8/26.0  | 88939 |
| 2004 TY <sub>346</sub> | 2008 09 26.3 | 00 12.68 +04 57.4 19.4 | -0.90 - 4.6 | 1.4/27.4  | 43220 | 2004 RH <sub>277</sub> | 2008 09 26.5 | 00 13.65 +12 44.8 18.7 | -0.87 - 5.7 | 4.7/30.4  | 43211 |
| 2000 SZ <sub>215</sub> | 2008 09 26.3 | 00 12.70 +03 35.1 19.4 | -0.77 - 8.9 | 0.9/27.1  | 43110 | 2007 BJ <sub>67</sub>  | 2008 09 26.5 | 00 13.65 -03 10.3 20.3 | -0.95 - 7.3 | 1.8/25.0  | 43272 |
| 2000 XU <sub>19</sub>  | 2008 09 26.3 | 00 12.72 +20 25.7 18.0 | -1.01 - 0.8 | 7.9/01.8  | 43116 | 2004 EG <sub>34</sub>  | 2008 09 26.5 | 00 13.67 +02 17.2 20.7 | -0.56 - 4.8 | 0.2/26.9  | 43199 |
| 2002 RZ <sub>36</sub>  | 2008 09 26.3 | 00 12.76 +08 31.3 18.4 | -0.76 - 3.9 | 2.3/28.7  | 43161 | 2001 AD <sub>36</sub>  | 2008 09 26.5 | 00 13.71 +13 59.3 18.9 | -1.02 - 0.4 | 5.2/30.0  | 43117 |
| 2005 AM <sub>81</sub>  | 2008 09 26.3 | 00 12.77 -07 37.8 19.8 | -0.83 - 2.0 | 2.5/23.6  | 02240 | 2004 PK <sub>50</sub>  | 2008 09 26.5 | 00 13.72 -07 53.5 18.6 | -0.87 - 4.7 | 4.2/23.6  | 43204 |
| 2003 UA <sub>179</sub> | 2008 09 26.3 | 00 12.83 -03 26.7 19.4 | -0.80 - 4.1 | 1.6/24.8  | 02185 | 2001 SB <sub>4</sub>   | 2008 09 26.5 | 00 13.75 +09 07.4 19.3 | -0.87 - 5.6 | 3.7/29.1  | 43126 |
| 2003 UH <sub>86</sub>  | 2008 09 26.3 | 00 12.83 +08 43.5 18.8 | -0.80 - 4.6 | 2.7/28.7  | 43187 | 2006 ET <sub>58</sub>  | 2008 09 26.5 | 00 13.80 +06 49.5 19.9 | -0.75 - 6.1 | 1.6/28.4  | 11164 |
| 2002 PO <sub>106</sub> | 2008 09 26.3 | 00 12.89 -00 21.6 18.6 | -0.62 -10.8 | 0.6/25.7  | 43158 | 2005 VL <sub>44</sub>  | 2008 09 26.6 | 00 13.75 +09 11.0 19.9 | -0.98 - 7.5 | 3.2/29.2  | 43242 |
| 2003 US <sub>226</sub> | 2008 09 26.3 | 00 12.90 +05 37.3 19.3 | -0.76 - 4.5 | 1.3/27.8  | 42674 | 2000 YN <sub>117</sub> | 2008 09 26.6 | 00 13.77 +11 31.6 19.9 | -0.86 - 3.9 | 3.1/29.8  | 02024 |
| 2004 FT <sub>130</sub> | 2008 09 26.3 | 00 12.90 -15 26.1 19.3 | -0.98 - 5.1 | 7.3/21.1  | 95199 | 2007 GT <sub>63</sub>  | 2008 09 26.6 | 00 13.82 -02 44.2 21.2 | -0.93 - 4.2 | 1.5/25.3  | 26274 |
| 2003 WP <sub>43</sub>  | 2008 09 26.3 | 00 12.91 +04 41.8 19.3 | -0.86 - 2.0 | 1.1/27.3  | 43193 | 2003 UJ <sub>279</sub> | 2008 09 26.6 | 00 13.86 -11 44.5 19.4 | -0.85 - 2.5 | 4.4/22.5  | 43191 |
| 2002 QV <sub>122</sub> | 2008 09 26.3 | 00 12.94 +07 21.7 19.8 | -0.67 - 8.0 | 1.8/28.6  | 43160 | 2007 DG <sub>61</sub>  | 2008 09 26.6 | 00 13.90 -14 33.7 18.4 | -1.67 + 5.5 | 7.8/23.8  | 41319 |
| 1999 UE <sub>34</sub>  | 2008 09 26.3 | 00 12.95 +04 15.8 20.7 | -0.78 - 6.4 | 0.9/27.3  | 43100 | 2002 LW <sub>44</sub>  | 2008 09 26.6 | 00 13.91 -14 08.3 19.9 | -0.77 - 6.3 | 4.5/21.1  | 02108 |
| 2005 WH <sub>160</sub> | 2008 09 26.3 | 00 12.98 -01 16.0 21.0 | -0.93 - 5.5 | 0.9/25.5  | 96560 | 2006 AF <sub>96</sub>  | 2008 09 26.6 | 00 13.95 -24 53.3 20.6 | -0.94 - 3.4 | 8.3/17.7  | 96971 |
| 2002 QU <sub>86</sub>  | 2008 09 26.3 | 00 13.01 +00 22.1 20.4 | -0.69 - 7.0 | 0.3/26.0  | 43160 | 2003 US <sub>55</sub>  | 2008 09 26.6 | 00 13.99 -12 42.3 19.1 | -0.92 - 1.1 | 4.5/22.4  | 77725 |
| 2007 GG <sub>71</sub>  | 2008 09 26.3 | 00 13.04 -01 38.6 20.6 | -0.90 - 7.3 | 1.1/25.4  | 21215 | 2006 DO <sub>194</sub> | 2008 09 26.6 | 00 14.03 +03 43.4 21.0 | -0.96 - 5.8 | 0.9/27.4  | 04370 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 SH <sub>25</sub>  | 2008 09 26.6 | 00 14.05 -01 03.8 20.2 | -0.89 - 4.4 | 0.9/25.9  | 21342 |
| 2006 DR <sub>29</sub>  | 2008 09 26.6 | 00 14.05 -01 56.9 19.4 | -0.69 - 7.3 | 1.0/25.4  | 43259 |
| 2003 KG <sub>25</sub>  | 2008 09 26.6 | 00 14.07 -00 12.0 21.3 | -0.48 - 3.2 | 0.3/26.1  | 31261 |
| 2006 DT <sub>211</sub> | 2008 09 26.6 | 00 14.09 -00 32.3 22.1 | -0.80 - 3.0 | 0.5/26.0  | 02303 |
| 2003 UH <sub>140</sub> | 2008 09 26.6 | 00 14.13 -15 29.3 20.1 | -0.87 - 2.1 | 5.0/21.4  | 04268 |
| 2005 UY <sub>379</sub> | 2008 09 26.6 | 00 14.14 -01 28.7 19.2 | -0.95 - 7.0 | 1.3/25.7  | 43240 |
| 2004 XS <sub>164</sub> | 2008 09 26.6 | 00 14.17 +23 15.8 18.5 | -1.01 - 0.1 | 9.1/03.0  | 43227 |
| 2000 YT <sub>1</sub>   | 2008 09 26.7 | 00 14.13 +08 57.8 18.9 | -1.04 - 0.9 | 2.9/28.7  | 43116 |
| 2003 SA <sub>184</sub> | 2008 09 26.7 | 00 14.13 +02 16.0 19.8 | -0.80 - 4.1 | 0.2/26.9  | 43180 |
| 2005 YX <sub>142</sub> | 2008 09 26.7 | 00 14.14 -04 47.1 20.1 | -0.94 - 6.4 | 2.6/24.6  | 96794 |
| 2004 TG <sub>125</sub> | 2008 09 26.7 | 00 14.16 -00 50.6 20.0 | -0.96 - 3.3 | 0.9/26.0  | 00807 |
| 2003 UF <sub>177</sub> | 2008 09 26.7 | 00 14.16 +10 14.9 19.8 | -0.82 - 2.9 | 2.8/29.5  | 43189 |
| 2006 DX <sub>95</sub>  | 2008 09 26.7 | 00 14.17 +01 00.1 20.4 | -0.80 - 4.9 | 0.2/26.5  | 43262 |
| 2005 VA <sub>118</sub> | 2008 09 26.7 | 00 14.18 +20 20.0 20.2 | -0.92 - 3.4 | 5.7/02.9  | 96421 |
| 2003 WD <sub>50</sub>  | 2008 09 26.7 | 00 14.18 +23 18.4 19.6 | -0.75 - 5.8 | 6.3/04.9  | 02192 |
| 2004 VW <sub>83</sub>  | 2008 09 26.7 | 00 14.19 -06 10.0 19.9 | -0.86 - 4.1 | 3.0/24.3  | 43223 |
| 2002 AN <sub>61</sub>  | 2008 09 26.7 | 00 14.22 -01 54.2 20.2 | -0.81 - 6.7 | 1.0/25.6  | 02063 |
| 2003 FU <sub>130</sub> | 2008 09 26.7 | 00 14.23 -07 46.5 20.9 | -0.94 - 5.9 | 3.2/23.7  | 08703 |
| 2006 DY <sub>75</sub>  | 2008 09 26.7 | 00 14.28 -03 36.8 19.9 | -0.79 - 6.0 | 1.9/25.0  | 43261 |
| 2001 FN <sub>37</sub>  | 2008 09 26.7 | 00 14.29 +00 18.9 20.3 | -0.71 - 6.7 | 0.3/26.3  | 43119 |
| 2006 BV <sub>186</sub> | 2008 09 26.7 | 00 14.29 +09 32.8 19.8 | -0.93 - 3.8 | 2.7/29.2  | 43256 |
| 2005 WS <sub>103</sub> | 2008 09 26.7 | 00 14.30 -44 56.7 20.2 | -1.25 - 1.7 | 16.6/08.0 | 97999 |
| 2001 TX <sub>85</sub>  | 2008 09 26.7 | 00 14.31 +09 48.9 19.1 | -0.90 - 7.1 | 3.5/29.6  | 43131 |
| 2005 WZ <sub>203</sub> | 2008 09 26.7 | 00 14.31 +17 08.3 20.1 | -0.91 - 4.3 | 5.3/01.9  | 22804 |
| 2006 CQ <sub>65</sub>  | 2008 09 26.7 | 00 14.33 -00 47.2 21.0 | -0.68 - 5.5 | 0.6/25.9  | 09516 |
| 2005 WL <sub>164</sub> | 2008 09 26.7 | 00 14.36 +04 50.4 20.8 | -0.94 - 7.2 | 1.2/27.8  | 43244 |
| 2002 BJ <sub>13</sub>  | 2008 09 26.7 | 00 14.37 -09 34.5 20.1 | -0.90 - 4.0 | 3.5/23.3  | 97556 |
| 2002 PF <sub>171</sub> | 2008 09 26.7 | 00 14.38 +07 28.2 18.5 | -0.85 - 2.0 | 2.1/28.6  | 43159 |
| 2003 GZ <sub>50</sub>  | 2008 09 26.7 | 00 14.38 -13 30.3 20.8 | -0.87 - 6.1 | 5.1/21.7  | 19102 |
| 2007 DL <sub>72</sub>  | 2008 09 26.7 | 00 14.39 +01 32.7 22.0 | -0.93 - 4.5 | 0.0/26.8  | 20850 |
| 2002 GG <sub>128</sub> | 2008 09 26.7 | 00 14.40 +04 13.9 20.9 | -0.84 - 6.8 | 0.9/27.7  | 02097 |
| 2005 BL <sub>28</sub>  | 2008 09 26.7 | 00 14.40 +14 17.7 20.2 | -0.76 - 4.0 | 3.5/01.1  | 21348 |
| 2002 AM <sub>81</sub>  | 2008 09 26.7 | 00 14.43 +02 44.2 18.7 | -0.86 - 8.6 | 0.5/27.2  | 43143 |
| 2002 NH <sub>67</sub>  | 2008 09 26.7 | 00 14.44 +19 02.1 19.8 | -0.89 - 1.7 | 5.3/02.2  | 43156 |
| 2002 OT <sub>5</sub>   | 2008 09 26.7 | 00 14.44 +07 56.7 19.6 | -0.71 - 7.9 | 2.0/29.1  | 43156 |
| 2007 HT <sub>5</sub>   | 2008 09 26.7 | 00 14.46 -08 50.9 20.0 | -0.98 - 4.5 | 3.6/23.6  | 20627 |
| 2006 DM <sub>23</sub>  | 2008 09 26.7 | 00 14.46 +03 28.0 19.6 | -0.91 - 2.9 | 0.7/27.4  | 01336 |
| 2005 UY <sub>513</sub> | 2008 09 26.7 | 00 14.48 -08 48.0 19.8 | -1.02 - 3.4 | 4.1/23.7  | 24045 |
| 2000 JG <sub>11</sub>  | 2008 09 26.7 | 00 14.52 +07 21.5 22.0 | -0.93 - 7.2 | 1.9/28.7  | 20734 |
| 2002 RV <sub>235</sub> | 2008 09 26.7 | 00 14.52 +08 21.6 20.5 | -0.78 - 2.7 | 1.9/28.9  | 43162 |
| 2006 HE <sub>149</sub> | 2008 09 26.7 | 00 14.54 +27 24.3 20.7 | -0.74 - 7.1 | 7.2/07.0  | 09561 |
| 2004 VL <sub>72</sub>  | 2008 09 26.7 | 00 14.54 +08 28.5 19.3 | -0.80 - 6.6 | 2.4/29.2  | 43223 |
| 2003 SH <sub>65</sub>  | 2008 09 26.8 | 00 14.47 +18 52.1 19.5 | -0.85 - 4.0 | 5.6/02.6  | 43177 |
| 2003 CD <sub>25</sub>  | 2008 09 26.8 | 00 14.48 -21 28.8 20.0 | -1.00 - 3.1 | 7.9/19.7  | 20775 |
| 2004 XL <sub>146</sub> | 2008 09 26.8 | 00 14.50 -17 18.9 18.9 | -0.75 - 5.6 | 6.2/20.0  | 76563 |
| 2002 QD <sub>85</sub>  | 2008 09 26.8 | 00 14.54 -03 04.2 19.6 | -0.67 - 7.5 | 1.4/25.1  | 94830 |
| 2002 OU <sub>11</sub>  | 2008 09 26.8 | 00 14.54 +17 25.9 18.6 | -0.67 - 9.2 | 5.2/03.1  | 08282 |
| 1994 TD <sub>7</sub>   | 2008 09 26.8 | 00 14.54 -02 56.6 19.6 | -1.08 - 1.4 | 2.1/25.6  | 43091 |
| 2007 JK <sub>17</sub>  | 2008 09 26.8 | 00 14.58 +03 59.1 20.6 | -0.79 - 6.4 | 0.8/27.7  | 43283 |
| 2002 CR <sub>105</sub> | 2008 09 26.8 | 00 14.59 -02 14.5 19.9 | -0.84 - 6.9 | 1.3/25.5  | 43146 |
| 2002 AB <sub>203</sub> | 2008 09 26.8 | 00 14.64 -14 53.3 21.3 | -0.79 - 6.5 | 4.7/21.1  | 21311 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 AJ                | 2008 09 26.8 | 00 14.64 +07 50.2 20.7 | -0.86 - 3.9 | 2.1/28.8  | 00005 |
| 2006 BP <sub>154</sub> | 2008 09 26.8 | 00 14.67 -06 41.6 19.3 | -0.82 - 6.5 | 3.0/24.0  | 42797 |
| 2004 JT <sub>29</sub>  | 2008 09 26.8 | 00 14.68 -03 15.5 20.1 | -0.97 - 6.3 | 2.0/25.3  | 43201 |
| 2001 UE <sub>115</sub> | 2008 09 26.8 | 00 14.70 -07 27.9 18.7 | -0.96 - 3.3 | 4.1/24.2  | 43134 |
| 2005 YN <sub>282</sub> | 2008 09 26.8 | 00 14.72 +02 37.0 20.4 | -0.83 - 5.9 | 0.3/27.2  | 43250 |
| 2006 DN <sub>196</sub> | 2008 09 26.8 | 00 14.75 -09 04.4 20.5 | -0.82 - 2.4 | 3.0/23.6  | 01443 |
| 2000 UJ <sub>51</sub>  | 2008 09 26.8 | 00 14.76 -13 23.4 18.8 | -0.94 - 3.1 | 6.3/22.1  | 72200 |
| 2004 JC <sub>44</sub>  | 2008 09 26.8 | 00 14.77 -00 09.9 20.0 | -0.93 - 9.6 | 0.7/26.3  | 42700 |
| 2002 CW <sub>309</sub> | 2008 09 26.8 | 00 14.78 -02 01.8 20.0 | -0.82 - 7.7 | 1.2/25.6  | 00191 |
| 2007 MJ <sub>5</sub>   | 2008 09 26.8 | 00 14.81 +00 06.8 20.1 | -0.68 - 8.9 | 0.5/26.3  | 42887 |
| 2006 BT <sub>28</sub>  | 2008 09 26.8 | 00 14.82 +00 35.5 18.7 | -0.79 - 6.4 | 0.5/26.5  | 42794 |
| 2002 CN <sub>288</sub> | 2008 09 26.8 | 00 14.83 -02 56.6 20.8 | -0.84 - 5.9 | 1.4/25.4  | 43148 |
| 2004 FL <sub>27</sub>  | 2008 09 26.8 | 00 14.84 +03 19.2 21.3 | -0.60 - 4.0 | 0.4/27.5  | 43199 |
| 2007 GA <sub>40</sub>  | 2008 09 26.9 | 00 14.83 -08 14.6 21.3 | -0.90 - 3.0 | 3.2/23.9  | 20866 |
| 2005 WJ <sub>79</sub>  | 2008 09 26.9 | 00 14.83 -03 20.6 19.9 | -0.97 - 5.1 | 2.1/25.4  | 43243 |
| 2007 LC <sub>17</sub>  | 2008 09 26.9 | 00 14.89 -10 30.0 19.8 | -0.94 - 4.7 | 4.3/23.1  | 22892 |
| 2007 HX <sub>45</sub>  | 2008 09 26.9 | 00 14.91 +26 00.5 19.2 | -0.67 -12.2 | 7.9/07.9  | 21364 |
| 2002 QA <sub>72</sub>  | 2008 09 26.9 | 00 14.91 +11 01.0 19.8 | -0.82 - 2.8 | 2.8/29.9  | 43160 |
| 2003 UD <sub>135</sub> | 2008 09 26.9 | 00 14.93 +08 32.5 19.4 | -0.71 - 7.7 | 2.1/29.5  | 43188 |
| 2002 EX <sub>157</sub> | 2008 09 26.9 | 00 14.95 +01 31.5 20.3 | -0.48 - 4.2 | 0.0/26.9  | 43151 |
| 2004 PN <sub>24</sub>  | 2008 09 26.9 | 00 15.00 -02 45.0 18.4 | -0.88 - 5.9 | 1.9/25.5  | 43203 |
| 2002 ES <sub>40</sub>  | 2008 09 26.9 | 00 15.03 +00 13.7 19.4 | -0.87 - 3.3 | 0.4/26.5  | 43149 |
| 2006 HS <sub>67</sub>  | 2008 09 26.9 | 00 15.04 +01 44.6 21.0 | -0.74 - 4.7 | 0.0/27.0  | 43267 |
| 2004 RW <sub>59</sub>  | 2008 09 26.9 | 00 15.08 +06 03.2 19.1 | -0.96 - 3.1 | 1.9/28.3  | 43207 |
| 2003 DN <sub>24</sub>  | 2008 09 26.9 | 00 15.10 +05 20.1 20.3 | -1.03 - 3.6 | 1.4/28.0  | 43168 |
| 2004 ND <sub>33</sub>  | 2008 09 26.9 | 00 15.12 +09 41.9 19.0 | -0.95 - 5.5 | 3.4/29.6  | 42701 |
| 2001 RU <sub>87</sub>  | 2008 09 26.9 | 00 15.14 +01 02.0 18.8 | -0.82 - 6.6 | 0.3/26.8  | 43125 |
| 2003 SF <sub>214</sub> | 2008 09 26.9 | 00 15.14 -11 34.6 20.2 | -0.81 - 2.9 | 3.9/22.7  | 02171 |
| 2005 UN <sub>175</sub> | 2008 09 26.9 | 00 15.14 +08 25.4 18.4 | -0.94 - 6.3 | 3.3/29.2  | 43238 |
| 2007 GU <sub>31</sub>  | 2008 09 26.9 | 00 15.20 -06 45.6 19.7 | -1.03 - 2.7 | 3.4/24.6  | 20865 |
| 2008 QV <sub>2</sub>   | 2008 09 26.9 | 00 15.20 -01 13.9 18.7 | -0.76 - 7.3 | 1.3/26.0  | 42993 |
| 1995 VC <sub>10</sub>  | 2008 09 26.9 | 00 15.27 +03 01.4 20.5 | -0.82 - 6.0 | 0.5/27.5  | 97326 |
| 2002 RY <sub>4</sub>   | 2008 09 27.0 | 00 15.19 +14 27.2 19.6 | -0.68 - 7.3 | 3.9/01.8  | 43161 |
| 1998 HK <sub>22</sub>  | 2008 09 27.0 | 00 15.21 -02 10.2 19.7 | -0.90 - 4.0 | 1.2/25.8  | 43094 |
| 2002 GT <sub>33</sub>  | 2008 09 27.0 | 00 15.22 -02 45.3 19.8 | -1.22 + 1.3 | 1.4/26.0  | 00228 |
| 2006 BE <sub>275</sub> | 2008 09 27.0 | 00 15.22 +15 26.7 19.3 | -1.21 + 1.7 | 5.1/30.3  | 43257 |
| 2007 HU <sub>14</sub>  | 2008 09 27.0 | 00 15.23 -08 00.2 21.4 | -0.93 - 4.7 | 3.3/24.0  | 20633 |
| 2004 SK <sub>32</sub>  | 2008 09 27.0 | 00 15.24 -07 22.7 19.1 | -0.94 - 2.8 | 3.7/24.4  | 43213 |
| 2002 QT <sub>78</sub>  | 2008 09 27.0 | 00 15.26 +07 13.5 19.8 | -0.72 - 6.3 | 1.8/29.0  | 00328 |
| 2003 UX <sub>48</sub>  | 2008 09 27.0 | 00 15.26 -01 53.0 17.6 | -0.65 - 5.8 | 1.6/25.8  | 43186 |
| 2006 BA <sub>7</sub>   | 2008 09 27.0 | 00 15.29 +22 46.8 20.9 | -0.97 - 2.8 | 6.7/03.9  | 01225 |
| 2003 EM <sub>12</sub>  | 2008 09 27.0 | 00 15.30 +06 54.8 19.9 | -0.97 - 4.9 | 1.8/28.7  | 43168 |
| 2005 UK <sub>24</sub>  | 2008 09 27.0 | 00 15.31 -00 42.5 19.5 | -1.04 - 4.0 | 1.1/26.3  | 01027 |
| 2005 UG <sub>131</sub> | 2008 09 27.0 | 00 15.32 +08 51.3 20.0 | -0.94 - 7.6 | 2.8/29.5  | 22799 |
| 2006 DJ <sub>163</sub> | 2008 09 27.0 | 00 15.32 +01 26.7 21.2 | -0.84 - 7.0 | 0.1/27.0  | 02299 |
| 2002 NE <sub>3</sub>   | 2008 09 27.0 | 00 15.36 +03 20.5 19.0 | -0.79 - 4.0 | 0.6/27.6  | 43155 |
| 2005 TB <sub>40</sub>  | 2008 09 27.0 | 00 15.38 -08 05.9 20.4 | -1.05 - 4.6 | 3.9/24.1  | 22797 |
| 2001 WX <sub>59</sub>  | 2008 09 27.0 | 00 15.43 +10 56.2 19.7 | -0.89 - 7.9 | 3.6/30.3  | 19072 |
| 2000 AP <sub>1</sub>   | 2008 09 27.0 | 00 15.45 -32 53.4 20.5 | -1.11 - 4.3 | 11.0/14.4 | 40034 |
| 1997 TV <sub>19</sub>  | 2008 09 27.0 | 00 15.45 +03 36.1 20.9 | -0.51 - 3.2 | 0.4/27.7  | 37674 |
| 2004 VZ <sub>23</sub>  | 2008 09 27.0 | 00 15.45 -05 00.3 19.0 | -0.91 - 4.7 | 2.6/24.9  | 43222 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 XB <sub>240</sub> | 2008 09 27.0 | 00 15.45 +02 27.0 19.5 | -0.94 - 5.0 | 0.3/27.3  | 43141 |
| 2002 JZ <sub>80</sub>  | 2008 09 27.0 | 00 15.47 -00 49.6 19.9 | -0.84 - 4.4 | 0.8/26.3  | 97601 |
| 2002 GM <sub>34</sub>  | 2008 09 27.0 | 00 15.49 -03 32.0 20.9 | -0.85 - 4.9 | 1.6/25.4  | 97590 |
| 2001 QD <sub>127</sub> | 2008 09 27.0 | 00 15.50 +12 40.7 18.4 | -0.88 - 8.3 | 5.1/01.0  | 43122 |
| 2001 TK <sub>22</sub>  | 2008 09 27.0 | 00 15.50 +03 49.2 18.4 | -0.84 - 4.1 | 1.1/27.8  | 43130 |
| 2005 YN <sub>94</sub>  | 2008 09 27.0 | 00 15.53 +02 58.0 19.2 | -0.97 - 5.5 | 0.6/27.5  | 43248 |
| 2002 RG <sub>128</sub> | 2008 09 27.0 | 00 15.58 +21 02.8 18.8 | -0.74 - 6.6 | 6.3/04.2  | 57892 |
| 2004 BH <sub>13</sub>  | 2008 09 27.0 | 00 15.60 -03 45.7 20.7 | -0.58 - 3.8 | 1.1/25.2  | 76374 |
| 2005 UP <sub>251</sub> | 2008 09 27.0 | 00 15.60 -06 17.6 19.3 | -1.10 - 2.4 | 3.5/24.9  | 43239 |
| 2006 FU <sub>49</sub>  | 2008 09 27.1 | 00 15.58 -06 21.1 19.9 | -0.70 - 5.2 | 2.1/24.3  | 43266 |
| 2002 TE <sub>350</sub> | 2008 09 27.1 | 00 15.61 +17 48.4 20.4 | -0.76 - 4.7 | 5.1/02.8  | 19585 |
| 2007 GE <sub>30</sub>  | 2008 09 27.1 | 00 15.62 -08 38.4 20.4 | -0.84 - 3.0 | 3.1/24.0  | 20605 |
| 2005 WX <sub>174</sub> | 2008 09 27.1 | 00 15.64 +09 49.4 19.6 | -0.95 - 5.5 | 2.9/29.7  | 43245 |
| 2002 HB <sub>8</sub>   | 2008 09 27.1 | 00 15.66 -34 07.8 20.1 | -1.07 0.0   | 11.6/15.3 | 43154 |
| 2007 FJ <sub>18</sub>  | 2008 09 27.1 | 00 15.66 -11 03.2 20.1 | -0.80 - 9.6 | 4.5/22.5  | 42880 |
| 2003 US <sub>107</sub> | 2008 09 27.1 | 00 15.68 +00 41.7 20.1 | -0.78 - 4.3 | 0.3/26.8  | 43187 |
| 2000 SC <sub>251</sub> | 2008 09 27.1 | 00 15.69 -05 55.9 18.5 | -0.81 - 4.7 | 3.5/24.6  | 43110 |
| 2004 PJ <sub>10</sub>  | 2008 09 27.1 | 00 15.69 -02 06.6 19.9 | -0.91 - 6.3 | 1.5/25.9  | 43203 |
| 2007 FT <sub>31</sub>  | 2008 09 27.1 | 00 15.72 +02 23.3 20.5 | -0.91 - 6.1 | 0.2/27.4  | 43278 |
| 2005 WD <sub>32</sub>  | 2008 09 27.1 | 00 15.72 -01 03.2 20.8 | -0.92 - 5.4 | 0.9/26.3  | 96460 |
| 2001 TX <sub>205</sub> | 2008 09 27.1 | 00 15.75 -15 24.4 18.9 | -0.82 -11.6 | 7.0/20.3  | 43132 |
| 2007 TL <sub>350</sub> | 2008 09 27.1 | 00 15.76 +08 07.3 20.4 | -0.54 - 1.8 | 1.1/29.3  | 31585 |
| 2007 EO <sub>102</sub> | 2008 09 27.1 | 00 15.77 -04 46.1 21.0 | -1.00 - 2.1 | 2.2/25.3  | 41866 |
| 2007 ES <sub>114</sub> | 2008 09 27.1 | 00 15.77 -03 17.9 20.5 | -0.88 - 6.7 | 1.8/25.5  | 43276 |
| 2003 HD <sub>22</sub>  | 2008 09 27.1 | 00 15.81 -22 31.9 20.1 | -1.02 - 1.1 | 8.3/20.2  | 22732 |
| 2008 QW <sub>2</sub>   | 2008 09 27.1 | 00 15.82 -04 59.0 18.5 | -0.69 -12.3 | 2.7/24.5  | 42993 |
| 2000 XY <sub>12</sub>  | 2008 09 27.1 | 00 15.86 +21 54.9 19.1 | -0.94 - 3.1 | 7.7/03.6  | 72262 |
| 2001 QA <sub>3</sub>   | 2008 09 27.1 | 00 15.86 -15 48.8 17.6 | -0.57 -13.1 | 8.5/19.5  | 42584 |
| 2001 UM <sub>170</sub> | 2008 09 27.1 | 00 15.94 +05 28.5 20.0 | -0.94 - 6.7 | 1.6/28.0  | 43135 |
| 2006 DY <sub>214</sub> | 2008 09 27.1 | 00 15.95 +01 22.3 21.1 | -0.84 - 3.4 | 0.1/27.1  | 43264 |
| 1995 YU <sub>3</sub>   | 2008 09 27.1 | 00 15.98 -21 01.6 20.8 | -1.22 - 9.9 | 10.7/19.1 | 07736 |
| 2001 UE <sub>135</sub> | 2008 09 27.2 | 00 15.91 -03 34.0 19.2 | -0.85 - 5.5 | 2.5/25.5  | 43134 |
| 2003 UF <sub>168</sub> | 2008 09 27.2 | 00 15.92 +04 30.8 18.9 | -0.81 - 3.7 | 0.9/28.0  | 43189 |
| 2003 HF <sub>53</sub>  | 2008 09 27.2 | 00 15.92 -03 06.2 18.9 | -1.16 + 0.7 | 1.9/26.1  | 18053 |
| 2006 DW <sub>18</sub>  | 2008 09 27.2 | 00 15.95 -06 12.3 20.0 | -0.79 - 6.0 | 2.8/24.5  | 43259 |
| 2004 TW <sub>88</sub>  | 2008 09 27.2 | 00 15.98 -02 01.1 20.3 | -0.88 - 5.0 | 1.3/26.0  | 04309 |
| 2003 FP <sub>66</sub>  | 2008 09 27.2 | 00 15.98 -04 17.3 20.3 | -0.90 - 6.0 | 2.1/25.3  | 43169 |
| 2006 CB <sub>47</sub>  | 2008 09 27.2 | 00 16.04 +02 51.6 21.0 | -0.87 - 4.3 | 0.4/27.6  | 43258 |
| 2005 UJ <sub>143</sub> | 2008 09 27.2 | 00 16.04 -12 12.9 18.6 | -1.01 - 0.9 | 7.0/23.3  | 43238 |
| 2002 CG <sub>213</sub> | 2008 09 27.2 | 00 16.04 +06 05.7 19.8 | -0.54 - 2.2 | 0.8/28.7  | 48209 |
| 1995 SW <sub>49</sub>  | 2008 09 27.2 | 00 16.04 -02 14.9 19.5 | -0.79 - 8.2 | 1.4/25.8  | 43092 |
| 2003 UK <sub>225</sub> | 2008 09 27.2 | 00 16.05 -01 59.1 19.6 | -0.83 - 2.4 | 1.1/26.1  | 43191 |
| 2002 JE <sub>114</sub> | 2008 09 27.2 | 00 16.06 -12 34.3 21.5 | -0.85 - 3.2 | 3.9/22.7  | 94781 |
| 2001 UV <sub>117</sub> | 2008 09 27.2 | 00 16.07 -04 20.1 18.7 | -1.00 - 4.1 | 2.7/25.4  | 43134 |
| 2001 AS <sub>5</sub>   | 2008 09 27.2 | 00 16.08 -22 36.8 19.2 | -0.83 - 6.4 | 8.1/18.1  | 02024 |
| 2000 GX <sub>174</sub> | 2008 09 27.2 | 00 16.08 +01 35.4 20.5 | -0.70 - 4.7 | 0.0/27.2  | 21297 |
| 2006 BC <sub>83</sub>  | 2008 09 27.2 | 00 16.09 -05 38.8 20.8 | -0.74 - 6.0 | 2.0/24.7  | 02275 |
| 2001 FW <sub>90</sub>  | 2008 09 27.2 | 00 16.10 -20 25.9 19.5 | -1.02 + 1.2 | 6.2/21.5  | 43119 |
| 2007 JH <sub>13</sub>  | 2008 09 27.2 | 00 16.17 -09 24.0 18.8 | -0.67 -12.2 | 4.1/22.7  | 43283 |
| 2004 TE <sub>320</sub> | 2008 09 27.2 | 00 16.17 +03 02.6 20.1 | -0.82 - 7.0 | 0.5/27.7  | 43220 |
| 2004 TR <sub>272</sub> | 2008 09 27.2 | 00 16.19 +07 40.7 20.4 | -0.84 - 5.6 | 2.1/29.2  | 74415 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 UJ <sub>435</sub> | 2008 09 27.2 | 00 16.19 +00 53.5 22.2 | -0.96 - 7.2 | 0.3/27.0  | 43241 |
| 2005 YD <sub>202</sub> | 2008 09 27.2 | 00 16.20 +20 53.7 19.5 | -0.90 - 4.6 | 6.0/03.8  | 43249 |
| 2003 UL <sub>92</sub>  | 2008 09 27.2 | 00 16.23 +15 00.5 19.1 | -0.74 - 6.2 | 4.5/02.0  | 42666 |
| 2004 XB <sub>39</sub>  | 2008 09 27.2 | 00 16.23 -02 10.6 19.5 | -0.78 - 9.5 | 1.3/25.8  | 00873 |
| 2006 DS <sub>122</sub> | 2008 09 27.2 | 00 16.24 -24 08.8 20.3 | -0.78 - 4.0 | 7.0/18.2  | 01414 |
| 2002 PP <sub>4</sub>   | 2008 09 27.2 | 00 16.27 -11 05.3 19.5 | -0.67 - 9.2 | 3.7/22.3  | 02112 |
| 2007 EE <sub>47</sub>  | 2008 09 27.2 | 00 16.28 +02 28.3 20.1 | -0.93 - 7.6 | 0.3/27.5  | 43275 |
| 2003 FV <sub>62</sub>  | 2008 09 27.2 | 00 16.32 -02 09.4 20.6 | -0.87 - 8.5 | 1.3/25.9  | 74252 |
| 2004 QG <sub>3</sub>   | 2008 09 27.2 | 00 16.33 -07 28.1 18.9 | -0.95 - 3.0 | 4.0/24.6  | 43206 |
| 2004 TX <sub>131</sub> | 2008 09 27.2 | 00 16.35 -07 10.6 19.1 | -0.89 - 4.4 | 3.7/24.4  | 43216 |
| 2004 RZ <sub>57</sub>  | 2008 09 27.3 | 00 16.27 +09 59.9 19.6 | -0.93 - 5.5 | 2.9/30.0  | 43207 |
| 1994 AE <sub>10</sub>  | 2008 09 27.3 | 00 16.28 -02 18.6 20.9 | -0.88 - 5.1 | 1.3/26.0  | 43091 |
| 2007 HD <sub>75</sub>  | 2008 09 27.3 | 00 16.29 -10 32.5 20.9 | -0.97 - 3.5 | 4.3/23.6  | 20659 |
| 2002 PQ <sub>36</sub>  | 2008 09 27.3 | 00 16.34 -11 26.5 18.3 | -0.68 -10.4 | 4.2/22.0  | 43157 |
| 2003 WS <sub>113</sub> | 2008 09 27.3 | 00 16.35 -06 33.8 19.5 | -0.82 - 2.2 | 2.5/24.8  | 43194 |
| 2005 ET <sub>85</sub>  | 2008 09 27.3 | 00 16.36 -01 42.3 21.1 | -0.77 - 3.6 | 0.9/26.2  | 76848 |
| 2001 XR <sub>237</sub> | 2008 09 27.3 | 00 16.39 -09 05.3 19.6 | -0.99 - 3.4 | 4.4/24.0  | 00109 |
| 2007 EN <sub>165</sub> | 2008 09 27.3 | 00 16.39 -03 24.6 19.7 | -0.87 - 8.5 | 2.0/25.5  | 43277 |
| 2003 SW <sub>299</sub> | 2008 09 27.3 | 00 16.42 +03 27.6 19.5 | -0.71 - 7.7 | 0.5/27.9  | 43183 |
| 2007 LC <sub>9</sub>   | 2008 09 27.3 | 00 16.45 -04 16.3 19.6 | -0.76 - 5.3 | 2.0/25.3  | 43284 |
| 2006 FL <sub>46</sub>  | 2008 09 27.3 | 00 16.46 -14 42.4 21.1 | -0.68 - 5.4 | 3.8/21.5  | 24487 |
| 2003 UX <sub>307</sub> | 2008 09 27.3 | 00 16.47 -05 53.9 20.8 | -0.83 - 2.5 | 2.3/25.0  | 43192 |
| 2006 AP <sub>14</sub>  | 2008 09 27.3 | 00 16.51 -01 31.7 21.1 | -0.92 - 6.6 | 1.3/26.3  | 01203 |
| 2003 SZ <sub>127</sub> | 2008 09 27.3 | 00 16.54 -00 20.2 18.9 | -0.91 - 1.2 | 0.7/26.8  | 02166 |
| 2003 UA <sub>54</sub>  | 2008 09 27.3 | 00 16.54 +04 14.3 19.9 | -0.87 - 1.6 | 0.7/28.0  | 43186 |
| 2004 FU <sub>116</sub> | 2008 09 27.3 | 00 16.57 -10 26.3 20.4 | -0.98 - 6.4 | 4.9/23.5  | 43199 |
| 2005 UA <sub>392</sub> | 2008 09 27.3 | 00 16.57 -00 37.8 19.8 | -0.95 - 8.3 | 1.1/26.6  | 43240 |
| 2003 KV <sub>6</sub>   | 2008 09 27.3 | 00 16.58 +04 13.0 19.8 | -0.88 - 8.2 | 0.9/28.0  | 43172 |
| 2005 VW <sub>124</sub> | 2008 09 27.3 | 00 16.59 +05 17.7 20.7 | -0.95 - 7.1 | 1.3/28.5  | 43242 |
| 2001 XJ <sub>20</sub>  | 2008 09 27.3 | 00 16.60 -09 10.1 19.4 | -0.98 - 3.0 | 4.7/24.1  | 43138 |
| 2006 DM <sub>32</sub>  | 2008 09 27.3 | 00 16.62 +00 32.9 20.3 | -0.82 - 6.1 | 0.4/27.0  | 43260 |
| 2006 KM <sub>66</sub>  | 2008 09 27.3 | 00 16.63 +01 44.2 20.7 | -0.71 - 6.1 | 0.0/27.4  | 42816 |
| 1995 CS <sub>4</sub>   | 2008 09 27.3 | 00 16.63 -08 09.9 20.2 | -0.71 - 7.0 | 3.2/23.8  | 43091 |
| 2003 HO <sub>34</sub>  | 2008 09 27.3 | 00 16.64 -03 52.7 20.3 | -0.95 - 6.5 | 2.2/25.5  | 43172 |
| 2006 DA <sub>57</sub>  | 2008 09 27.3 | 00 16.69 -06 54.9 20.4 | -0.72 - 5.0 | 2.4/24.4  | 01359 |
| 2006 BD <sub>254</sub> | 2008 09 27.3 | 00 16.69 -00 18.6 19.8 | -0.86 - 6.6 | 0.9/26.7  | 42799 |
| 2006 DZ <sub>110</sub> | 2008 09 27.3 | 00 16.69 +03 40.1 20.3 | -0.90 - 1.9 | 0.6/28.0  | 43262 |
| 2006 DL <sub>73</sub>  | 2008 09 27.3 | 00 16.70 -02 29.5 20.6 | -0.81 - 1.8 | 1.1/26.1  | 02293 |
| 2001 UV <sub>1</sub>   | 2008 09 27.3 | 00 16.71 +17 15.6 18.8 | -1.40 + 2.5 | 6.0/30.7  | 43133 |
| 2002 CH <sub>44</sub>  | 2008 09 27.4 | 00 16.63 +35 27.8 20.4 | -1.81 + 8.6 | 17.9/03.5 | 20760 |
| 2005 YM <sub>46</sub>  | 2008 09 27.4 | 00 16.64 -10 26.1 19.8 | -0.82 - 7.5 | 5.5/23.0  | 26114 |
| 2004 TW <sub>335</sub> | 2008 09 27.4 | 00 16.69 +05 48.1 20.6 | -0.81 - 6.8 | 1.4/28.8  | 74422 |
| 2006 CL <sub>66</sub>  | 2008 09 27.4 | 00 16.69 +02 51.2 20.4 | -0.78 - 7.1 | 0.4/27.8  | 43258 |
| 1999 TL <sub>215</sub> | 2008 09 27.4 | 00 16.70 +03 38.1 18.6 | -0.71 - 9.6 | 0.7/28.0  | 43099 |
| 1996 LU                | 2008 09 27.4 | 00 16.72 -24 50.1 20.2 | -0.94 - 4.6 | 9.4/18.3  | 43092 |
| 2005 WH <sub>133</sub> | 2008 09 27.4 | 00 16.73 -21 54.3 18.7 | -1.04 + 1.9 | 11.9/21.5 | 96538 |
| 2007 EP <sub>42</sub>  | 2008 09 27.4 | 00 16.80 +01 22.1 20.4 | -1.03 - 4.4 | 0.2/27.3  | 42874 |
| 2004 VV <sub>66</sub>  | 2008 09 27.4 | 00 16.81 +04 26.7 20.5 | -0.81 - 8.2 | 0.9/28.4  | 97771 |
| 2006 BV <sub>31</sub>  | 2008 09 27.4 | 00 16.81 +01 22.7 19.1 | -0.96 - 4.5 | 0.2/27.3  | 43253 |
| 2003 EM <sub>3</sub>   | 2008 09 27.4 | 00 16.83 -06 20.6 19.3 | -0.98 - 5.8 | 3.4/24.8  | 43168 |
| 2006 PJ <sub>1</sub>   | 2008 09 27.4 | 00 16.86 +28 27.8 20.3 | -0.58 - 1.7 | 4.6/07.4  | 26771 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 QM <sub>147</sub> | 2008 09 27.4 | 00 16.90 +27 41.7 19.7 | -1.60 + 2.9 | 11.9/03.2 | 17916 |
| 2002 QT <sub>13</sub>  | 2008 09 27.4 | 00 16.92 +09 58.2 19.7 | -0.74 - 4.6 | 2.2/30.2  | 43159 |
| 2001 XQ <sub>137</sub> | 2008 09 27.4 | 00 16.96 -04 22.5 20.6 | -0.91 - 6.3 | 2.2/25.4  | 02054 |
| 2003 WW <sub>149</sub> | 2008 09 27.4 | 00 16.97 +17 18.8 19.5 | -0.70 - 7.6 | 4.5/03.3  | 43195 |
| 2004 TV <sub>93</sub>  | 2008 09 27.4 | 00 17.00 +05 03.3 19.1 | -0.78 - 7.3 | 1.4/28.6  | 43216 |
| 2002 KA <sub>3</sub>   | 2008 09 27.4 | 00 17.01 +13 16.2 20.9 | -0.77 - 7.5 | 3.3/01.6  | 85530 |
| 2001 XE <sub>75</sub>  | 2008 09 27.4 | 00 17.02 -00 46.5 19.8 | -0.92 - 7.1 | 1.1/26.6  | 43139 |
| 2001 TM <sub>149</sub> | 2008 09 27.4 | 00 17.03 -21 13.4 19.5 | -1.24 + 2.0 | 9.4/21.8  | 20748 |
| 2004 RL <sub>232</sub> | 2008 09 27.4 | 00 17.04 +00 37.7 19.8 | -0.94 - 1.4 | 0.6/27.1  | 74353 |
| 2005 UT <sub>425</sub> | 2008 09 27.4 | 00 17.04 +09 54.5 19.1 | -0.96 - 8.5 | 3.5/30.3  | 43240 |
| 2004 RR <sub>22</sub>  | 2008 09 27.4 | 00 17.05 +00 14.0 20.4 | -0.93 - 5.6 | 0.6/27.0  | 43207 |
| 2001 YO <sub>93</sub>  | 2008 09 27.4 | 00 17.06 +02 28.7 20.2 | -0.93 - 5.5 | 0.2/27.7  | 43142 |
| 2005 YD <sub>94</sub>  | 2008 09 27.4 | 00 17.07 +08 43.4 20.4 | -1.03 - 4.0 | 2.8/29.5  | 02265 |
| 2001 YO <sub>21</sub>  | 2008 09 27.5 | 00 16.99 +01 13.8 20.1 | -0.86 - 8.6 | 0.2/27.3  | 42604 |
| 2006 DW <sub>29</sub>  | 2008 09 27.5 | 00 16.99 -02 40.0 19.6 | -0.75 - 9.6 | 1.6/25.8  | 02289 |
| 2003 TY <sub>37</sub>  | 2008 09 27.5 | 00 17.01 +14 59.4 19.9 | -0.77 - 5.3 | 4.0/02.1  | 43185 |
| 2004 TW <sub>342</sub> | 2008 09 27.5 | 00 17.01 +07 13.9 19.9 | -0.83 - 7.3 | 1.9/29.4  | 04310 |
| 2005 WF <sub>125</sub> | 2008 09 27.5 | 00 17.06 -08 37.3 21.4 | -1.03 - 4.3 | 4.1/24.4  | 20451 |
| 2001 XO <sub>65</sub>  | 2008 09 27.5 | 00 17.07 +04 54.3 18.9 | -0.92 - 5.9 | 1.3/28.5  | 43138 |
| 2005 WM <sub>186</sub> | 2008 09 27.5 | 00 17.08 -00 59.6 19.1 | -0.89 - 6.8 | 1.3/26.6  | 96581 |
| 2005 AM <sub>57</sub>  | 2008 09 27.5 | 00 17.09 +02 58.5 20.0 | -0.70 - 6.1 | 0.3/27.9  | 21348 |
| 2004 FZ <sub>57</sub>  | 2008 09 27.5 | 00 17.10 +03 08.7 19.2 | -0.89 -10.0 | 11.7/18.0 | 43199 |
| 2002 GO <sub>88</sub>  | 2008 09 27.5 | 00 17.10 -22 16.8 19.7 | -0.94 - 2.1 | 7.4/19.9  | 02094 |
| 2003 SZ <sub>208</sub> | 2008 09 27.5 | 00 17.11 +14 45.9 18.5 | -0.87 - 4.9 | 4.7/01.9  | 43180 |
| 2003 UE <sub>99</sub>  | 2008 09 27.5 | 00 17.14 -17 11.7 18.6 | -0.70 - 3.4 | 8.2/20.7  | 21144 |
| 1995 UF <sub>80</sub>  | 2008 09 27.5 | 00 17.15 -06 06.7 20.5 | -0.93 - 2.3 | 2.5/25.2  | 10685 |
| 2003 SC <sub>289</sub> | 2008 09 27.5 | 00 17.15 -10 10.4 18.8 | -0.87 - 1.9 | 3.9/23.9  | 43182 |
| 2001 CL <sub>18</sub>  | 2008 09 27.5 | 00 17.18 -14 14.7 20.8 | -0.83 - 6.2 | 4.9/21.9  | 03187 |
| 1999 VE <sub>223</sub> | 2008 09 27.5 | 00 17.19 +05 38.5 18.9 | -0.72 -10.5 | 1.3/29.0  | 99928 |
| 1998 HW <sub>11</sub>  | 2008 09 27.5 | 00 17.19 -20 36.9 20.9 | -0.87 - 4.2 | 6.9/19.9  | 93721 |
| 2002 DD <sub>18</sub>  | 2008 09 27.5 | 00 17.19 +03 51.8 21.1 | -0.88 - 4.8 | 0.6/28.2  | 94678 |
| 2006 BG <sub>209</sub> | 2008 09 27.5 | 00 17.23 +00 50.4 20.4 | -0.91 - 6.5 | 0.4/27.2  | 43256 |
| 2006 BM <sub>5</sub>   | 2008 09 27.5 | 00 17.28 -11 26.6 20.3 | -0.86 - 8.1 | 4.7/22.8  | 21853 |
| 2004 VC <sub>8</sub>   | 2008 09 27.5 | 00 17.30 -04 27.0 18.9 | -0.81 - 4.5 | 2.8/25.5  | 43221 |
| 2001 RK <sub>124</sub> | 2008 09 27.5 | 00 17.31 -00 00.1 19.2 | -0.98 - 4.5 | 0.9/27.0  | 43125 |
| 2006 AL <sub>43</sub>  | 2008 09 27.5 | 00 17.32 +02 57.4 20.0 | -0.85 - 6.2 | 0.4/27.9  | 96929 |
| 2006 HE <sub>79</sub>  | 2008 09 27.5 | 00 17.34 +09 18.1 20.9 | -0.70 - 6.1 | 2.1/30.2  | 43268 |
| 2006 DJ <sub>96</sub>  | 2008 09 27.5 | 00 17.41 +01 27.2 21.4 | -0.71 - 4.8 | 0.1/27.5  | 11161 |
| 2006 HA <sub>62</sub>  | 2008 09 27.5 | 00 17.41 -05 58.5 20.9 | -0.77 - 4.9 | 2.4/25.0  | 03901 |
| 1995 UZ <sub>4</sub>   | 2008 09 27.5 | 00 17.46 -23 50.9 19.5 | -1.84 + 8.9 | 12.7/23.9 | 16118 |
| 2002 PH <sub>156</sub> | 2008 09 27.6 | 00 17.39 +19 25.3 19.5 | -0.89 - 1.9 | 5.4/03.2  | 43158 |
| 2002 PM <sub>171</sub> | 2008 09 27.6 | 00 17.40 +08 14.8 19.9 | -0.77 - 4.6 | 1.9/29.7  | 10890 |
| 2007 HZ <sub>7</sub>   | 2008 09 27.6 | 00 17.40 -00 21.5 20.1 | -0.89 - 9.0 | 0.8/26.8  | 43281 |
| 2004 PZ <sub>44</sub>  | 2008 09 27.6 | 00 17.40 +02 09.4 18.5 | -0.99 - 1.8 | 0.1/27.7  | 42702 |
| 2002 PR <sub>102</sub> | 2008 09 27.6 | 00 17.40 +29 06.2 20.4 | -0.86 - 3.6 | 8.6/07.9  | 48248 |
| 2001 SG <sub>76</sub>  | 2008 09 27.6 | 00 17.41 +13 46.3 18.9 | -0.88 - 3.9 | 5.9/01.5  | 94065 |
| 2003 GN <sub>34</sub>  | 2008 09 27.6 | 00 17.43 +04 06.8 19.2 | -1.08 - 1.5 | 0.8/28.2  | 43171 |
| 2005 ED <sub>42</sub>  | 2008 09 27.6 | 00 17.45 +01 01.3 21.3 | -0.71 - 4.9 | 0.2/27.3  | 43230 |
| 2006 GC <sub>17</sub>  | 2008 09 27.6 | 00 17.46 -07 52.6 20.1 | -0.81 - 2.8 | 3.3/24.6  | 01569 |
| 2003 HO <sub>7</sub>   | 2008 09 27.6 | 00 17.48 -03 07.0 20.3 | -0.94 - 5.0 | 1.6/26.1  | 97652 |
| 2002 GX <sub>145</sub> | 2008 09 27.6 | 00 17.48 +00 13.6 20.5 | -0.96 - 2.4 | 0.5/27.1  | 02097 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 JB <sub>61</sub>  | 2008 09 27.6 | 00 17.49 -01 34.4 21.2 | -0.75 - 4.0 | 1.0/26.5  | 11171 |
| 1999 TK <sub>193</sub> | 2008 09 27.6 | 00 17.50 +15 30.5 18.4 | -0.83 - 5.4 | 5.3/02.2  | 43099 |
| 2004 NX <sub>16</sub>  | 2008 09 27.6 | 00 17.55 +02 50.6 18.8 | -0.79 - 6.9 | 11.8/18.0 | 43202 |
| 2002 RD <sub>192</sub> | 2008 09 27.6 | 00 17.56 -05 46.5 19.5 | -0.68 - 6.2 | 2.1/24.9  | 43162 |
| 2007 DJ <sub>34</sub>  | 2008 09 27.6 | 00 17.58 +01 16.5 19.4 | -0.97 - 5.1 | 10.4/18.0 | 43273 |
| 2005 WN <sub>172</sub> | 2008 09 27.6 | 00 17.60 +03 24.9 19.9 | -0.94 - 7.5 | 0.6/28.2  | 43245 |
| 2003 WQ <sub>170</sub> | 2008 09 27.6 | 00 17.62 -16 09.1 19.1 | -0.72 - 6.0 | 6.0/21.1  | 87599 |
| 2006 EX <sub>1</sub>   | 2008 09 27.6 | 00 17.62 -03 10.0 20.1 | -0.84 - 5.1 | 1.8/26.0  | 01462 |
| 2006 DA <sub>160</sub> | 2008 09 27.6 | 00 17.64 +04 30.7 19.5 | -0.87 - 3.4 | 0.9/28.5  | 02299 |
| 2001 SE <sub>169</sub> | 2008 09 27.6 | 00 17.67 +00 04.9 18.7 | -0.99 - 4.8 | 0.8/27.1  | 43128 |
| 2000 WH <sub>16</sub>  | 2008 09 27.6 | 00 17.68 -09 21.7 18.4 | -0.85 - 1.3 | 5.5/24.3  | 43114 |
| 2002 CY <sub>195</sub> | 2008 09 27.6 | 00 17.71 -03 53.7 20.9 | -0.84 - 6.5 | 2.0/25.7  | 94629 |
| 2002 PH <sub>2</sub>   | 2008 09 27.6 | 00 17.71 +21 06.2 19.8 | -0.75 - 7.5 | 6.2/05.2  | 43157 |
| 2002 QP <sub>44</sub>  | 2008 09 27.6 | 00 17.72 +17 22.6 18.7 | -1.02 + 0.6 | 5.0/02.0  | 43159 |
| 2004 BU <sub>26</sub>  | 2008 09 27.6 | 00 17.82 +36 46.8 20.0 | -1.49 + 3.6 | 16.8/06.8 | 62473 |
| 2005 AF <sub>50</sub>  | 2008 09 27.7 | 00 17.72 +14 53.1 19.8 | -0.76 - 5.0 | 3.7/02.2  | 97778 |
| 2001 FD <sub>145</sub> | 2008 09 27.7 | 00 17.73 -34 18.6 20.0 | -0.95 + 0.1 | 9.6/16.1  | 02033 |
| 2000 GZ <sub>36</sub>  | 2008 09 27.7 | 00 17.74 +01 32.5 21.4 | -0.94 - 6.8 | 0.1/27.6  | 43105 |
| 1999 VG <sub>190</sub> | 2008 09 27.7 | 00 17.76 +13 08.2 18.0 | -0.71 - 8.6 | 4.4/01.9  | 43101 |
| 2001 FR <sub>92</sub>  | 2008 09 27.7 | 00 17.78 -08 47.6 19.5 | -0.92 - 1.6 | 3.3/24.6  | 00018 |
| 2004 KO <sub>12</sub>  | 2008 09 27.7 | 00 17.79 -07 40.8 19.8 | -0.90 - 8.7 | 3.9/24.4  | 43201 |
| 2003 WM <sub>11</sub>  | 2008 09 27.7 | 00 17.80 +15 18.8 18.6 | -0.80 - 3.8 | 4.3/02.2  | 43192 |
| 2006 FH <sub>24</sub>  | 2008 09 27.7 | 00 17.81 -13 37.7 20.1 | -0.92 - 0.2 | 4.5/23.3  | 01527 |
| 2005 EV <sub>102</sub> | 2008 09 27.7 | 00 17.86 +10 56.0 20.8 | -0.83 - 2.8 | 2.8/30.5  | 43230 |
| 2003 XL <sub>34</sub>  | 2008 09 27.7 | 00 17.88 +16 36.5 20.2 | -0.72 - 6.1 | 4.7/03.1  | 43196 |
| 2003 WZ <sub>42</sub>  | 2008 09 27.7 | 00 17.88 +28 03.3 18.9 | -0.84 -21.1 | 11.4/09.9 | 86160 |
| 2004 RV <sub>305</sub> | 2008 09 27.7 | 00 17.90 -06 17.4 18.4 | -0.85 - 2.1 | 4.1/25.3  | 43211 |
| 2006 AY <sub>10</sub>  | 2008 09 27.7 | 00 17.91 +16 33.3 20.8 | -1.07 - 2.3 | 5.0/01.9  | 02268 |
| 2001 TT <sub>101</sub> | 2008 09 27.7 | 00 17.97 +00 16.2 19.5 | -0.98 - 5.5 | 0.7/27.2  | 43131 |
| 2002 AN <sub>115</sub> | 2008 09 27.7 | 00 17.97 +13 52.2 20.6 | -0.91 - 4.2 | 3.7/01.6  | 94515 |
| 2000 XO <sub>36</sub>  | 2008 09 27.7 | 00 18.01 +14 07.1 18.6 | -1.01 - 1.7 | 4.4/01.2  | 43116 |
| 2006 BW <sub>186</sub> | 2008 09 27.7 | 00 18.01 -13 31.9 20.5 | -0.77 - 6.9 | 4.3/22.2  | 02280 |
| 2000 DZ <sub>114</sub> | 2008 09 27.7 | 00 18.02 -00 24.2 20.2 | -0.74 - 5.3 | 0.7/27.0  | 43104 |
| 2004 TT <sub>14</sub>  | 2008 09 27.7 | 00 18.02 +38 09.6 19.1 | -0.98 - 4.3 | 12.3/12.5 | 97750 |
| 2004 RG <sub>325</sub> | 2008 09 27.7 | 00 18.04 -02 46.5 18.3 | -1.11 + 1.4 | 1.9/26.6  | 43212 |
| 2003 SQ <sub>82</sub>  | 2008 09 27.7 | 00 18.04 -03 26.8 19.5 | -0.91 - 1.5 | 1.8/26.2  | 43177 |
| 2004 VP <sub>54</sub>  | 2008 09 27.7 | 00 18.05 +19 16.9 19.6 | -0.83 -13.8 | 5.7/04.6  | 00849 |
| 2002 JJ <sub>41</sub>  | 2008 09 27.7 | 00 18.07 +14 53.4 19.2 | -0.79 - 8.4 | 3.9/02.5  | 43154 |
| 2005 WB <sub>174</sub> | 2008 09 27.7 | 00 18.10 -01 28.2 20.6 | -0.92 - 6.2 | 1.3/26.7  | 19673 |
| 2006 FM <sub>9</sub>   | 2008 09 27.7 | 00 18.11 +31 59.2 21.4 | -0.88 - 2.0 | 6.7/08.4  | 18176 |
| 2005 WM <sub>34</sub>  | 2008 09 27.7 | 00 18.12 +08 33.3 18.9 | -0.87 - 5.6 | 3.3/30.0  | 42782 |
| 2003 BM <sub>58</sub>  | 2008 09 27.7 | 00 18.13 -04 18.3 20.5 | -0.93 - 6.5 | 2.1/25.7  | 20774 |
| 2002 CE <sub>225</sub> | 2008 09 27.7 | 00 18.15 +13 31.0 19.9 | -0.98 - 2.4 | 4.0/01.3  | 43148 |
| 2004 RW <sub>276</sub> | 2008 09 27.7 | 00 18.17 +03 34.1 19.7 | -1.00 - 3.5 | 0.6/28.3  | 43211 |
| 2005 AY <sub>51</sub>  | 2008 09 27.8 | 00 18.09 -14 47.3 21.3 | -0.71 - 4.6 | 4.2/21.9  | 02239 |
| 2001 UT <sub>67</sub>  | 2008 09 27.8 | 00 18.09 -06 50.2 19.3 | -0.98 - 4.4 | 3.3/25.1  | 21307 |
| 2004 XJ <sub>129</sub> | 2008 09 27.8 | 00 18.09 -14 02.1 20.1 | -0.76 - 3.4 | 4.1/22.5  | 02234 |
| 2005 EF <sub>75</sub>  | 2008 09 27.8 | 00 18.13 +02 50.9 20.9 | -0.61 - 3.4 | 0.2/28.1  | 77828 |
| 2005 UU <sub>109</sub> | 2008 09 27.8 | 00 18.20 +12 43.8 19.4 | -0.96 - 6.8 | 4.3/01.4  | 20820 |
| 2001 SV <sub>208</sub> | 2008 09 27.8 | 00 18.21 -02 36.6 19.7 | -0.91 - 7.4 | 1.9/26.3  | 17952 |
| 2004 TN <sub>336</sub> | 2008 09 27.8 | 00 18.23 -01 52.6 19.6 | -0.85 - 4.9 | 1.4/26.6  | 20810 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 1996 RH <sub>6</sub>   | 2008 09 27.8 | 00 18.26 +05 31.6 21.2 | -0.52 - 2.2 | 0.6/29.1 | 43092 |
| 2005 AV <sub>33</sub>  | 2008 09 27.8 | 00 18.26 -29 20.6 19.8 | -0.75 - 5.8 | 9.0/15.4 | 43228 |
| 2004 TE <sub>54</sub>  | 2008 09 27.8 | 00 18.27 -00 34.4 19.1 | -0.84 - 4.5 | 1.1/27.0 | 43215 |
| 2004 XN <sub>31</sub>  | 2008 09 27.8 | 00 18.29 +20 22.4 20.9 | -0.74 - 4.0 | 4.3/04.3 | 00871 |
| 2006 BZ <sub>22</sub>  | 2008 09 27.8 | 00 18.31 -06 17.8 19.5 | -0.71 - 7.2 | 2.5/24.9 | 43253 |
| 2003 WQ <sub>8</sub>   | 2008 09 27.8 | 00 18.31 +24 36.4 19.3 | -0.77 - 4.7 | 6.0/05.9 | 77741 |
| 2006 BX <sub>185</sub> | 2008 09 27.8 | 00 18.33 +00 13.5 20.0 | -0.79 - 6.5 | 0.6/27.3 | 43256 |
| 2002 CR <sub>70</sub>  | 2008 09 27.8 | 00 18.36 -03 41.3 20.3 | -0.85 - 5.9 | 2.0/26.0 | 21312 |
| 2005 VG <sub>125</sub> | 2008 09 27.8 | 00 18.37 +20 36.8 21.0 | -0.91 - 3.8 | 5.5/03.9 | 11149 |
| 2005 YB <sub>25</sub>  | 2008 09 27.8 | 00 18.39 +03 56.4 21.4 | -0.90 - 5.8 | 0.6/28.5 | 02263 |
| 2002 ET <sub>8</sub>   | 2008 09 27.8 | 00 18.41 +00 53.9 20.4 | -0.45 - 4.5 | 0.2/27.5 | 43149 |
| 2003 WF <sub>93</sub>  | 2008 09 27.8 | 00 18.43 -12 22.5 20.0 | -0.84 - 1.7 | 4.5/23.5 | 03570 |
| 2002 GL <sub>50</sub>  | 2008 09 27.8 | 00 18.44 +12 36.4 19.8 | -0.94 - 3.1 | 3.3/01.1 | 43153 |
| 2001 TX <sub>135</sub> | 2008 09 27.8 | 00 18.47 +14 22.9 18.9 | -0.88 - 6.7 | 5.5/02.2 | 43131 |
| 2004 TO <sub>243</sub> | 2008 09 27.8 | 00 18.48 +04 45.3 20.0 | -0.86 - 6.2 | 1.0/28.8 | 43218 |
| 2002 OO <sub>28</sub>  | 2008 09 27.8 | 00 18.49 +16 08.8 19.0 | -1.02 + 1.7 | 5.4/01.6 | 43157 |
| 2002 RV <sub>242</sub> | 2008 09 27.8 | 00 18.51 +13 01.5 18.5 | -0.81 - 2.9 | 3.5/01.4 | 43162 |
| 2006 DE <sub>78</sub>  | 2008 09 27.9 | 00 18.43 -01 05.8 21.1 | -0.75 - 5.1 | 0.9/26.9 | 01380 |
| 2003 SC <sub>82</sub>  | 2008 09 27.9 | 00 18.46 -00 48.4 19.8 | -0.73 - 7.3 | 1.0/26.9 | 43177 |
| 2004 PL <sub>6</sub>   | 2008 09 27.9 | 00 18.46 +03 01.0 18.7 | -0.83 - 8.8 | 0.4/28.3 | 43203 |
| 2003 YB <sub>50</sub>  | 2008 09 27.9 | 00 18.48 +27 48.2 18.7 | -0.76 - 4.6 | 9.2/07.8 | 43197 |
| 2004 PT <sub>25</sub>  | 2008 09 27.9 | 00 18.48 -01 22.8 18.6 | -0.86 - 3.8 | 1.6/26.9 | 19616 |
| 2004 JH <sub>26</sub>  | 2008 09 27.9 | 00 18.49 -09 05.4 19.7 | -1.07 - 3.1 | 4.6/24.8 | 19612 |
| 2005 AR <sub>13</sub>  | 2008 09 27.9 | 00 18.50 -16 38.1 20.0 | -0.76 - 3.3 | 5.1/21.7 | 18110 |
| 2007 JH <sub>29</sub>  | 2008 09 27.9 | 00 18.52 -03 14.1 20.0 | -0.88 - 8.2 | 1.9/26.1 | 21368 |
| 2006 EL <sub>34</sub>  | 2008 09 27.9 | 00 18.53 -03 36.9 20.3 | -0.74 - 5.4 | 1.5/26.0 | 43264 |
| 2003 FX <sub>110</sub> | 2008 09 27.9 | 00 18.56 +09 03.4 19.5 | -0.48 - 3.0 | 1.2/30.5 | 43170 |
| 2001 SV <sub>202</sub> | 2008 09 27.9 | 00 18.56 -00 03.4 19.5 | -0.91 - 7.3 | 0.9/27.2 | 43128 |
| 2001 XN <sub>66</sub>  | 2008 09 27.9 | 00 18.58 +05 59.3 19.0 | -0.91 - 6.3 | 1.6/29.2 | 43138 |
| 2003 UE <sub>140</sub> | 2008 09 27.9 | 00 18.64 -07 23.5 19.0 | -0.70 - 8.0 | 3.1/24.5 | 43188 |
| 2003 UH <sub>182</sub> | 2008 09 27.9 | 00 18.65 -02 42.3 19.3 | -0.78 - 4.2 | 1.5/26.4 | 43189 |
| 2002 PN <sub>168</sub> | 2008 09 27.9 | 00 18.66 +02 28.5 20.7 | -0.73 - 4.8 | 6.8/18.0 | 43159 |
| 2004 PJ <sub>34</sub>  | 2008 09 27.9 | 00 18.67 +04 34.8 18.8 | -0.90 - 4.2 | 1.2/28.8 | 43204 |
| 2005 YL <sub>218</sub> | 2008 09 27.9 | 00 18.68 -00 06.7 20.3 | -0.99 - 5.2 | 0.8/27.3 | 02267 |
| 2001 YL <sub>63</sub>  | 2008 09 27.9 | 00 18.68 -03 43.4 20.1 | -0.92 - 5.7 | 2.0/21.7 | 94432 |
| 2004 TV <sub>97</sub>  | 2008 09 27.9 | 00 18.70 +02 30.3 19.0 | -0.82 - 6.7 | 9.7/18.0 | 43216 |
| 2006 DA <sub>116</sub> | 2008 09 27.9 | 00 18.73 -02 18.1 20.5 | -0.75 - 4.4 | 1.3/26.5 | 43262 |
| 2006 HH <sub>34</sub>  | 2008 09 27.9 | 00 18.74 -02 01.2 20.7 | -0.76 - 4.4 | 1.1/26.6 | 43267 |
| 2005 YN <sub>281</sub> | 2008 09 27.9 | 00 18.74 -06 03.3 19.1 | -0.83 - 4.8 | 3.8/25.3 | 43250 |
| 2006 FE <sub>39</sub>  | 2008 09 27.9 | 00 18.76 -01 27.4 19.2 | -0.78 - 5.9 | 1.2/26.8 | 43266 |
| 2001 XN <sub>45</sub>  | 2008 09 27.9 | 00 18.77 +06 25.0 19.4 | -1.01 - 2.8 | 1.6/29.2 | 20754 |
| 2001 SA <sub>31</sub>  | 2008 09 27.9 | 00 18.79 -02 05.6 19.0 | -0.83 - 8.1 | 1.9/26.5 | 43126 |
| 2004 XB <sub>35</sub>  | 2008 09 27.9 | 00 18.79 -20 59.1 19.5 | -0.80 - 3.9 | 6.9/20.0 | 11075 |
| 2002 FM <sub>4</sub>   | 2008 09 27.9 | 00 18.82 +02 21.9 20.1 | -0.75 - 7.7 | 7.0/18.0 | 43152 |
| 2000 HV <sub>81</sub>  | 2008 09 27.9 | 00 18.82 +02 48.3 20.0 | -0.93 - 7.1 | 9.8/18.0 | 43106 |
| 2007 HE <sub>2</sub>   | 2008 09 27.9 | 00 18.88 +03 45.9 20.5 | -0.88 - 7.2 | 0.6/28.6 | 43281 |
| 2005 CW <sub>42</sub>  | 2008 09 28.0 | 00 18.84 +14 28.2 20.5 | -0.72 - 4.7 | 3.1/02.3 | 02243 |
| 2007 DP <sub>37</sub>  | 2008 09 28.0 | 00 18.84 +05 28.6 21.6 | -1.03 - 4.8 | 1.3/29.1 | 20536 |
| 2005 YU <sub>26</sub>  | 2008 09 28.0 | 00 18.85 +05 08.9 21.1 | -0.96 - 5.1 | 1.0/29.0 | 02263 |
| 2003 FQ <sub>93</sub>  | 2008 09 28.0 | 00 18.85 -17 55.1 19.2 | -1.37 + 4.5 | 7.5/24.2 | 43170 |
| 2001 BJ <sub>39</sub>  | 2008 09 28.0 | 00 18.86 +05 43.6 20.6 | -0.49 - 2.7 | 0.6/29.3 | 35774 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2003 WQ <sub>146</sub> | 2008 09 28.0 | 00 18.88 -13 48.0 18.8 | -0.63 -10.2 | 5.7/21.6 | 42683 |
| 2003 UG <sub>180</sub> | 2008 09 28.0 | 00 18.91 -16 58.4 18.0 | -0.90 - 0.8 | 6.8/22.6 | 40683 |
| 2002 GQ <sub>71</sub>  | 2008 09 28.0 | 00 18.92 -05 07.3 19.2 | -0.88 - 3.6 | 2.5/25.8 | 94739 |
| 2003 UW <sub>212</sub> | 2008 09 28.0 | 00 18.94 -17 44.4 18.1 | -0.98 + 2.4 | 7.9/23.1 | 40683 |
| 2004 XD <sub>3</sub>   | 2008 09 28.0 | 00 18.94 -21 10.1 18.5 | -0.76 - 5.5 | 9.5/19.5 | 41822 |
| 2006 DA <sub>164</sub> | 2008 09 28.0 | 00 18.95 +02 23.4 18.8 | -0.76 - 7.1 | 0.1/28.2 | 43263 |
| 2007 HN <sub>65</sub>  | 2008 09 28.0 | 00 18.97 -12 38.6 20.4 | -0.87 - 4.6 | 4.7/23.3 | 21365 |
| 2004 VL <sub>8</sub>   | 2008 09 28.0 | 00 18.97 -03 27.9 18.4 | -0.76 - 6.0 | 2.4/26.1 | 43221 |
| 2006 DQ <sub>96</sub>  | 2008 09 28.0 | 00 18.98 +01 54.6 19.7 | -0.78 - 5.7 | 0.0/28.0 | 43262 |
| 2006 AJ <sub>61</sub>  | 2008 09 28.0 | 00 18.99 -13 41.6 21.1 | -0.73 - 5.5 | 4.1/22.6 | 24478 |
| 2003 EA <sub>19</sub>  | 2008 09 28.0 | 00 19.01 +00 31.2 21.3 | -0.91 - 6.4 | 0.5/27.5 | 20776 |
| 2003 MB                | 2008 09 28.0 | 00 19.02 -07 10.8 18.7 | -0.79 - 6.5 | 3.7/24.9 | 19601 |
| 2003 EK <sub>60</sub>  | 2008 09 28.0 | 00 19.03 -03 33.6 20.3 | -1.01 - 4.8 | 2.0/26.3 | 97642 |
| 2007 HR <sub>15</sub>  | 2008 09 28.0 | 00 19.03 +00 22.4 18.8 | -0.75 -10.1 | 0.6/27.4 | 43281 |
| 2007 FN <sub>12</sub>  | 2008 09 28.0 | 00 19.04 +03 28.8 20.2 | -0.87 - 8.8 | 0.5/28.6 | 20859 |
| 2003 UP <sub>210</sub> | 2008 09 28.0 | 00 19.06 +00 39.7 19.8 | -0.81 - 4.0 | 0.5/27.6 | 43190 |
| 2002 AZ <sub>65</sub>  | 2008 09 28.0 | 00 19.07 -09 36.3 21.1 | -0.84 - 6.8 | 3.9/24.1 | 94489 |
| 2000 FX <sub>18</sub>  | 2008 09 28.0 | 00 19.10 -12 24.4 19.4 | -0.76 -10.1 | 4.5/22.4 | 21296 |
| 2003 SM <sub>292</sub> | 2008 09 28.0 | 00 19.10 +18 09.7 19.1 | -0.77 - 6.2 | 5.4/03.9 | 42655 |
| 2006 BP <sub>78</sub>  | 2008 09 28.0 | 00 19.13 -15 00.9 19.9 | -0.82 - 7.7 | 5.6/21.8 | 02274 |
| 2005 YM <sub>168</sub> | 2008 09 28.0 | 00 19.13 +13 30.2 19.4 | -0.88 - 6.1 | 5.1/02.0 | 43249 |
| 2001 BB                | 2008 09 28.0 | 00 19.14 -07 47.6 19.1 | -0.83 - 4.8 | 3.1/24.8 | 43118 |
| 2003 WO <sub>58</sub>  | 2008 09 28.0 | 00 19.14 +07 35.0 19.9 | -0.73 - 5.9 | 1.8/30.0 | 08798 |
| 2005 CF <sub>26</sub>  | 2008 09 28.0 | 00 19.18 -00 18.3 20.5 | -0.70 - 4.8 | 0.6/27.3 | 43229 |
| 2005 WL <sub>18</sub>  | 2008 09 28.0 | 00 19.20 +01 56.0 18.6 | -0.83 - 5.4 | 0.1/28.0 | 43243 |
| 2007 HB <sub>19</sub>  | 2008 09 28.0 | 00 19.21 -04 54.0 19.3 | -1.00 - 3.3 | 2.8/26.1 | 35072 |
| 2005 UX <sub>30</sub>  | 2008 09 28.0 | 00 19.23 +03 22.4 20.0 | -0.94 - 7.4 | 0.6/28.5 | 43236 |
| 2005 YN <sub>177</sub> | 2008 09 28.0 | 00 19.23 +23 15.9 23.2 | -0.86 - 3.7 | 5.2/05.3 | 98063 |
| 2001 TZ <sub>184</sub> | 2008 09 28.1 | 00 19.17 +03 30.5 19.5 | -0.97 - 2.7 | 0.7/28.5 | 42595 |
| 2003 UD <sub>153</sub> | 2008 09 28.1 | 00 19.18 -01 33.7 19.3 | -0.76 - 4.6 | 1.3/26.9 | 02184 |
| 2005 WJ <sub>184</sub> | 2008 09 28.1 | 00 19.21 -10 40.1 20.3 | -0.89 - 3.1 | 3.4/24.2 | 02261 |
| 2006 BA <sub>206</sub> | 2008 09 28.1 | 00 19.23 -06 00.6 19.2 | -0.71 - 8.7 | 3.7/25.1 | 43256 |
| 2003 QK <sub>97</sub>  | 2008 09 28.1 | 00 19.26 -02 23.2 20.8 | -0.77 - 6.6 | 1.4/26.6 | 00495 |
| 2005 CL <sub>58</sub>  | 2008 09 28.1 | 00 19.29 -11 39.9 20.9 | -0.68 - 7.7 | 3.6/23.0 | 03661 |
| 2004 TX <sub>85</sub>  | 2008 09 28.1 | 00 19.30 +03 17.9 19.8 | -0.82 - 7.3 | 0.5/28.5 | 43215 |
| 2006 DR <sub>24</sub>  | 2008 09 28.1 | 00 19.34 +02 58.3 20.8 | -0.84 - 4.3 | 0.3/28.4 | 43259 |
| 2006 HD <sub>22</sub>  | 2008 09 28.1 | 00 19.37 -02 32.3 20.4 | -0.73 - 5.2 | 1.3/26.6 | 43267 |
| 2002 FD <sub>20</sub>  | 2008 09 28.1 | 00 19.37 -10 19.3 20.6 | -0.83 - 6.0 | 3.8/23.9 | 97587 |
| 2006 EO <sub>40</sub>  | 2008 09 28.1 | 00 19.37 +07 45.7 19.4 | -0.88 - 3.4 | 2.0/29.9 | 43264 |
| 2003 TA <sub>11</sub>  | 2008 09 28.1 | 00 19.38 -03 52.6 19.2 | -0.72 - 9.1 | 1.9/25.9 | 43184 |
| 2001 TA <sub>33</sub>  | 2008 09 28.1 | 00 19.39 +09 00.5 19.3 | -0.99 - 2.7 | 3.3/30.1 | 94135 |
| 2002 NN <sub>60</sub>  | 2008 09 28.1 | 00 19.40 +17 28.2 19.8 | -0.76 - 5.1 | 4.7/03.6 | 43156 |
| 2000 SK <sub>180</sub> | 2008 09 28.1 | 00 19.40 +19 48.7 18.7 | -0.81 - 9.7 | 6.9/05.2 | 41758 |
| 2000 HK <sub>74</sub>  | 2008 09 28.1 | 00 19.41 -34 45.9 21.2 | -0.83 - 1.8 | 8.1/14.7 | 99951 |
| 1996 JG <sub>11</sub>  | 2008 09 28.1 | 00 19.44 -09 15.2 19.3 | -0.72 - 5.8 | 3.8/24.2 | 43092 |
| 2002 AS <sub>203</sub> | 2008 09 28.1 | 00 19.45 +06 11.1 19.4 | -0.92 - 3.7 | 1.6/29.4 | 43144 |
| 2004 TU <sub>278</sub> | 2008 09 28.1 | 00 19.47 -07 44.0 18.9 | -0.91 - 3.6 | 4.1/25.1 | 74416 |
| 2007 EF <sub>37</sub>  | 2008 09 28.1 | 00 19.47 +01 27.6 19.7 | -0.78 -11.1 | 0.2/27.9 | 43275 |
| 2006 HO <sub>32</sub>  | 2008 09 28.1 | 00 19.49 +02 39.5 19.5 | -0.78 - 5.7 | 0.2/28.4 | 43267 |
| 2002 AG <sub>99</sub>  | 2008 09 28.1 | 00 19.53 +02 04.2 19.2 | -0.94 - 4.2 | 0.0/28.2 | 43143 |
| 2005 AF <sub>54</sub>  | 2008 09 28.1 | 00 19.56 -00 08.6 20.9 | -0.76 - 4.4 | 0.6/27.4 | 02239 |

|                        |              |                        |             |           |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 TA <sub>29</sub>  | 2008 09 28.1 | 00 19.57 +03 40.4 19.9 | -0.78 - 4.6 | 0.5/28.7  | 43184 | 2007 KQ <sub>3</sub>   | 2008 09 28.3 | 00 20.24 -20 27.5 20.7 | -0.87 - 4.7 | 7.2/20.8  | 21369 |
| 2006 DA <sub>58</sub>  | 2008 09 28.1 | 00 19.57 +04 48.4 22.1 | -0.82 - 4.4 | 0.8/29.1  | 01361 | 2006 BL <sub>79</sub>  | 2008 09 28.3 | 00 20.25 -02 23.6 19.8 | -0.80 - 3.4 | 1.5/26.9  | 43254 |
| 2001 FC <sub>83</sub>  | 2008 09 28.2 | 00 19.52 +03 50.0 18.5 | -0.70 - 8.1 | 0.5/28.8  | 43119 | 2002 CS <sub>111</sub> | 2008 09 28.3 | 00 20.26 +12 04.5 19.6 | -1.22 + 1.5 | 3.3/30.7  | 43147 |
| 2007 GZ <sub>42</sub>  | 2008 09 28.2 | 00 19.57 -02 28.4 19.7 | -0.91 - 2.6 | 1.8/26.9  | 43280 | 2002 BK <sub>24</sub>  | 2008 09 28.3 | 00 20.28 +08 00.6 19.4 | -1.01 - 2.0 | 2.0/30.0  | 43145 |
| 2001 SB <sub>129</sub> | 2008 09 28.2 | 00 19.59 +06 39.4 18.4 | -1.02 - 2.6 | 2.2/29.5  | 43127 | 2006 HY <sub>44</sub>  | 2008 09 28.3 | 00 20.31 -04 25.4 20.7 | -0.93 - 3.3 | 2.3/26.4  | 01664 |
| 2005 VC <sub>73</sub>  | 2008 09 28.2 | 00 19.60 +05 35.5 19.6 | -0.87 - 9.3 | 1.6/29.4  | 43242 | 2007 ES <sub>124</sub> | 2008 09 28.4 | 00 20.24 +06 29.8 19.6 | -0.91 - 7.2 | 1.5/29.8  | 20856 |
| 2006 GO <sub>49</sub>  | 2008 09 28.2 | 00 19.61 +03 44.5 20.6 | -0.84 - 5.7 | 0.5/28.8  | 43267 | 2004 TZ <sub>50</sub>  | 2008 09 28.4 | 00 20.24 +08 04.0 19.3 | -0.84 - 6.5 | 2.2/30.4  | 43215 |
| 2004 WD <sub>1</sub>   | 2008 09 28.2 | 00 19.62 +09 42.2 19.9 | -0.81 - 6.3 | 2.7/30.8  | 97772 | 2001 XA <sub>117</sub> | 2008 09 28.4 | 00 20.25 -05 22.5 19.5 | -0.96 - 3.9 | 2.8/26.1  | 43139 |
| 2003 FP <sub>120</sub> | 2008 09 28.2 | 00 19.62 +02 54.8 20.9 | -0.93 - 6.5 | 0.3/28.5  | 97648 | 2001 VF <sub>24</sub>  | 2008 09 28.4 | 00 20.26 -06 10.5 19.6 | -0.66 - 2.9 | 2.1/25.6  | 43136 |
| 2001 KB <sub>19</sub>  | 2008 09 28.2 | 00 19.63 -03 35.2 20.4 | -0.73 - 4.2 | 1.5/26.3  | 43120 | 2003 WE <sub>12</sub>  | 2008 09 28.4 | 00 20.26 -20 02.4 18.9 | -0.97 + 1.2 | 7.5/22.2  | 58047 |
| 2007 HY <sub>89</sub>  | 2008 09 28.2 | 00 19.64 +02 00.0 19.6 | -1.06 - 2.7 | 0.1/28.2  | 43283 | 2007 JJ <sub>22</sub>  | 2008 09 28.4 | 00 20.26 -20 00.1 21.1 | -0.86 - 4.4 | 6.6/21.0  | 21367 |
| 2004 WR <sub>7</sub>   | 2008 09 28.2 | 00 19.64 -01 04.2 19.1 | -0.83 - 5.1 | 1.3/27.2  | 20813 | 2007 MO <sub>4</sub>   | 2008 09 28.4 | 00 20.29 -16 12.3 20.1 | -0.78 - 4.0 | 6.1/22.3  | 21714 |
| 2003 FR <sub>7</sub>   | 2008 09 28.2 | 00 19.65 -01 11.3 20.5 | -0.96 - 5.2 | 1.1/27.2  | 20777 | 2004 XB <sub>192</sub> | 2008 09 28.4 | 00 20.29 +08 22.4 21.2 | -0.73 - 4.9 | 1.5/30.5  | 43227 |
| 2001 SQ <sub>321</sub> | 2008 09 28.2 | 00 19.65 +14 37.2 18.8 | -0.94 - 7.5 | 5.2/03.0  | 43129 | 2008 RE <sub>44</sub>  | 2008 09 28.4 | 00 20.30 -00 42.5 18.5 | -0.73 - 7.3 | 1.4/27.4  | 43008 |
| 2004 RU <sub>49</sub>  | 2008 09 28.2 | 00 19.67 +09 14.1 18.6 | -1.17 + 2.0 | 3.1/29.9  | 43207 | 1995 ME <sub>2</sub>   | 2008 09 28.4 | 00 20.35 +09 59.5 19.4 | -0.78 - 7.5 | 3.2/01.2  | 43092 |
| 2007 JQ <sub>12</sub>  | 2008 09 28.2 | 00 19.68 +01 57.0 19.7 | -0.77 - 8.4 | 0.1/28.2  | 22890 | 2005 ER <sub>196</sub> | 2008 09 28.4 | 00 20.35 +07 30.0 20.0 | -0.69 - 9.2 | 1.6/30.4  | 43231 |
| 2002 QN <sub>89</sub>  | 2008 09 28.2 | 00 19.69 +14 11.9 19.7 | -0.80 - 3.4 | 3.7/02.2  | 43160 | 2000 YX <sub>139</sub> | 2008 09 28.4 | 00 20.36 -00 08.6 18.9 | -1.04 - 0.6 | 0.8/27.8  | 02024 |
| 2008 QB <sub>33</sub>  | 2008 09 28.2 | 00 19.70 +13 09.1 20.7 | -0.90 - 2.3 | 3.5/01.6  | 43006 | 2004 VQ <sub>33</sub>  | 2008 09 28.4 | 00 20.36 +00 29.5 19.2 | -0.78 - 7.4 | 0.7/27.8  | 43222 |
| 2002 PW <sub>101</sub> | 2008 09 28.2 | 00 19.73 +14 08.2 19.1 | -0.75 - 5.3 | 3.6/02.5  | 43158 | 2002 EK <sub>115</sub> | 2008 09 28.4 | 00 20.36 -01 41.7 19.9 | -0.47 - 2.8 | 0.6/27.0  | 85470 |
| 2002 EG <sub>11</sub>  | 2008 09 28.2 | 00 19.76 +05 55.5 19.1 | -0.90 - 3.2 | 1.2/29.4  | 97578 | 2006 DG <sub>135</sub> | 2008 09 28.4 | 00 20.38 +00 39.0 20.5 | -0.86 - 5.3 | 0.6/27.9  | 43262 |
| 2003 QW <sub>95</sub>  | 2008 09 28.2 | 00 19.78 +01 49.3 20.3 | -0.76 - 5.8 | 0.1/28.2  | 43175 | 2004 TU <sub>258</sub> | 2008 09 28.4 | 00 20.39 -07 06.0 19.4 | -1.09 + 2.5 | 4.3/26.3  | 19641 |
| 2005 UM <sub>96</sub>  | 2008 09 28.2 | 00 19.79 +01 27.8 19.8 | -0.93 - 8.2 | 0.3/28.0  | 43237 | 2003 WZ <sub>106</sub> | 2008 09 28.4 | 00 20.39 -11 49.2 19.7 | -0.85 - 2.3 | 4.6/24.1  | 00677 |
| 2006 AF <sub>19</sub>  | 2008 09 28.2 | 00 19.82 -02 13.6 18.9 | -0.79 - 7.0 | 1.6/26.8  | 43250 | 2005 BR <sub>17</sub>  | 2008 09 28.4 | 00 20.41 -02 40.8 20.9 | -0.72 - 5.4 | 1.4/26.8  | 43229 |
| 2002 CH <sub>35</sub>  | 2008 09 28.2 | 00 19.83 -22 46.8 20.3 | -0.89 - 4.9 | 8.0/19.5  | 94576 | 2007 JV <sub>19</sub>  | 2008 09 28.4 | 00 20.41 -19 02.4 20.8 | -0.82 - 4.8 | 6.7/21.3  | 26288 |
| 1999 RC <sub>180</sub> | 2008 09 28.2 | 00 19.87 -04 46.1 18.1 | -1.07 + 1.5 | 3.0/26.6  | 43097 | 2003 SN <sub>387</sub> | 2008 09 28.4 | 00 20.50 -03 14.9 20.5 | -0.77 - 5.0 | 1.7/26.6  | 22452 |
| 2002 PW <sub>135</sub> | 2008 09 28.2 | 00 19.88 -05 35.4 19.0 | -0.79 - 2.8 | 2.7/25.9  | 43158 | 2002 QJ <sub>95</sub>  | 2008 09 28.4 | 00 20.51 -12 54.0 20.4 | -0.70 - 6.2 | 4.5/23.0  | 00335 |
| 2006 FJ <sub>53</sub>  | 2008 09 28.2 | 00 19.89 -02 39.4 21.0 | -0.75 - 3.7 | 1.3/26.7  | 43266 | 2002 KO <sub>2</sub>   | 2008 09 28.4 | 00 20.53 +07 46.5 19.7 | -0.77 - 8.1 | 1.7/30.5  | 43155 |
| 2004 TY <sub>228</sub> | 2008 09 28.2 | 00 19.91 +02 16.4 19.3 | -0.87 - 5.2 | 0.0/28.3  | 43218 | 2000 VC <sub>55</sub>  | 2008 09 28.4 | 00 20.54 +09 56.3 18.5 | -0.86 - 5.8 | 3.2/01.0  | 43114 |
| 2002 PO <sub>103</sub> | 2008 09 28.2 | 00 19.92 +27 47.2 20.4 | -0.88 - 1.9 | 9.3/07.4  | 04209 | 2004 SO <sub>40</sub>  | 2008 09 28.4 | 00 20.59 +01 29.3 17.3 | -0.86 - 0.7 | 0.4/28.3  | 41815 |
| 2006 BP <sub>274</sub> | 2008 09 28.2 | 00 19.93 -02 11.3 19.9 | -0.83 - 6.2 | 1.8/26.8  | 09510 | 2002 CC <sub>20</sub>  | 2008 09 28.4 | 00 20.60 -06 19.6 20.4 | -0.86 - 4.8 | 2.7/25.7  | 94567 |
| 2004 XU <sub>23</sub>  | 2008 09 28.2 | 00 19.94 -12 24.3 18.7 | -0.93 - 2.1 | 5.5/23.9  | 43224 | 2006 BA <sub>64</sub>  | 2008 09 28.4 | 00 20.62 -08 58.3 21.6 | -0.96 - 5.2 | 3.8/24.9  | 02274 |
| 1995 DP <sub>7</sub>   | 2008 09 28.3 | 00 19.91 -03 29.7 20.3 | -0.72 - 5.9 | 1.7/26.3  | 99877 | 2006 AO <sub>97</sub>  | 2008 09 28.4 | 00 20.63 -14 18.1 19.7 | -0.80 - 8.2 | 5.6/22.4  | 96973 |
| 2001 CP <sub>19</sub>  | 2008 09 28.3 | 00 19.93 +13 53.4 19.7 | -0.82 - 8.4 | 4.1/02.5  | 43118 | 2003 WK <sub>53</sub>  | 2008 09 28.4 | 00 20.63 -23 42.0 20.9 | -1.00 - 1.7 | 7.8/19.9  | 97692 |
| 2004 XZ <sub>107</sub> | 2008 09 28.3 | 00 19.94 -10 13.7 19.5 | -0.91 - 3.5 | 4.4/24.4  | 74461 | 2000 GO <sub>85</sub>  | 2008 09 28.4 | 00 20.64 -19 59.5 21.5 | -0.77 - 3.3 | 5.1/20.8  | 72079 |
| 2003 UX <sub>160</sub> | 2008 09 28.3 | 00 19.99 +10 07.2 20.5 | -0.71 - 6.5 | 2.3/01.2  | 43189 | 2004 UJ <sub>4</sub>   | 2008 09 28.5 | 00 20.61 +24 17.0 18.7 | -1.04 - 0.9 | 8.6/05.1  | 97766 |
| 2006 BN <sub>58</sub>  | 2008 09 28.3 | 00 20.01 -11 23.9 19.8 | -0.80 - 5.4 | 4.4/23.7  | 43253 | 2001 SQ <sub>174</sub> | 2008 09 28.5 | 00 20.62 -03 19.8 19.7 | -1.05 - 0.7 | 2.6/27.0  | 43128 |
| 2006 AW <sub>70</sub>  | 2008 09 28.3 | 00 20.01 +05 50.1 21.1 | -0.85 - 5.3 | 1.1/29.5  | 43251 | 2000 XD <sub>18</sub>  | 2008 09 28.5 | 00 20.63 +23 40.8 17.9 | -0.95 + 0.4 | 10.4/04.7 | 43116 |
| 2001 VE <sub>59</sub>  | 2008 09 28.3 | 00 20.01 +05 28.4 19.5 | -0.98 - 5.3 | 1.3/29.4  | 02049 | 2002 RM <sub>131</sub> | 2008 09 28.5 | 00 20.65 +25 27.6 19.4 | -0.86 - 2.6 | 6.4/06.5  | 72710 |
| 2001 XA <sub>267</sub> | 2008 09 28.3 | 00 20.02 +01 43.5 20.0 | -0.89 - 6.7 | 0.2/28.2  | 43141 | 2002 PN <sub>103</sub> | 2008 09 28.5 | 00 20.66 +06 12.1 19.7 | -0.71 - 7.2 | 1.2/29.9  | 21120 |
| 2005 UQ <sub>504</sub> | 2008 09 28.3 | 00 20.06 -06 56.5 21.0 | -0.70 - 5.3 | 2.2/25.2  | 11147 | 2006 GK <sub>54</sub>  | 2008 09 28.5 | 00 20.68 +05 53.9 20.7 | -0.84 - 2.3 | 1.1/29.6  | 41848 |
| 2004 WN <sub>1</sub>   | 2008 09 28.3 | 00 20.08 -04 05.6 19.4 | -0.89 - 3.1 | 2.6/26.4  | 95613 | 2000 WN <sub>71</sub>  | 2008 09 28.5 | 00 20.70 +30 40.2 19.2 | -0.87 - 7.9 | 9.1/09.8  | 97416 |
| 2005 YX <sub>78</sub>  | 2008 09 28.3 | 00 20.08 +07 22.3 19.4 | -0.90 - 5.4 | 1.9/30.0  | 19679 | 2007 HG <sub>67</sub>  | 2008 09 28.5 | 00 20.71 +00 10.1 21.0 | -0.88 - 6.7 | 0.7/27.8  | 43282 |
| 2007 CU <sub>26</sub>  | 2008 09 28.3 | 00 20.10 -23 37.6 19.0 | -1.00 + 0.5 | 11.2/21.4 | 43272 | 2007 BE <sub>70</sub>  | 2008 09 28.5 | 00 20.76 +03 49.4 18.6 | -0.71 -12.2 | 0.6/29.2  | 43272 |
| 2004 EL <sub>45</sub>  | 2008 09 28.3 | 00 20.10 +00 13.0 20.2 | -0.98 - 8.0 | 0.8/27.7  | 43199 | 2004 XS <sub>48</sub>  | 2008 09 28.5 | 00 20.78 +18 00.3 19.0 | -0.82 - 5.8 | 5.8/04.0  | 42732 |
| 2001 SN <sub>149</sub> | 2008 09 28.3 | 00 20.11 +09 02.6 18.2 | -1.06 - 1.6 | 3.1/30.2  | 43127 | 2005 YD <sub>22</sub>  | 2008 09 28.5 | 00 20.82 -13 58.8 19.6 | -0.86 - 5.2 | 5.9/23.2  | 21852 |
| 2001 FP <sub>84</sub>  | 2008 09 28.3 | 00 20.12 -00 33.5 19.6 | -0.82 - 4.5 | 0.9/27.5  | 00017 | 2006 DL <sub>201</sub> | 2008 09 28.5 | 00 20.86 -21 44.5 20.9 | -0.92 - 3.6 | 7.9/20.4  | 01449 |
| 2003 UB <sub>225</sub> | 2008 09 28.3 | 00 20.13 +01 40.2 19.3 | -0.86 - 3.3 | 0.2/28.2  | 43191 | 2005 UU <sub>217</sub> | 2008 09 28.5 | 00 20.88 -04 33.6 21.1 | -0.97 - 5.6 | 2.4/26.4  | 20821 |
| 2007 EB <sub>47</sub>  | 2008 09 28.3 | 00 20.13 +03 10.3 20.4 | -0.90 - 6.9 | 0.4/28.7  | 43275 | 2003 UL <sub>272</sub> | 2008 09 28.5 | 00 20.89 +10 09.7 18.7 | -0.67 -10.0 | 2.5/01.6  | 43191 |
| 2001 PF <sub>19</sub>  | 2008 09 28.3 | 00 20.17 -09 48.9 19.2 | -1.03 - 4.0 | 4.9/24.8  | 43121 | 2008 QD <sub>5</sub>   | 2008 09 28.5 | 00 20.90 +02 17.1 19.4 | -0.77 - 6.8 | 0.0/28.6  | 42995 |
| 2001 SH <sub>182</sub> | 2008 09 28.3 | 00 20.19 -00 42.6 19.2 | -0.86 - 6.7 | 1.4/27.4  | 43128 | 2001 CA <sub>1</sub>   | 2008 09 28.5 | 00 20.91 -09 10.8 20.4 | -0.46 - 3.2 | 1.8/24.4  | 48008 |
| 1999 VY <sub>16</sub>  | 2008 09 28.3 | 00 20.23 -05 35.3 20.1 | -0.94 - 1.7 | 2.5/26.1  | 99924 | 2000 AJ <sub>206</sub> | 2008 09 28.5 | 00 20.91 -27 33.5 19.8 | -0.52 - 2.8 | 5.2/17.0  | 87367 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1998 VL <sub>55</sub>  | 2008 09 28.5 | 00 20.94 -13 11.3 19.7 | -0.85 - 2.1 | 5.0/23.8  | 10698 |
| 2002 QN <sub>17</sub>  | 2008 09 28.5 | 00 20.95 +12 00.6 19.4 | -0.82 - 3.0 | 3.1/01.7  | 43159 |
| 2007 FY <sub>30</sub>  | 2008 09 28.5 | 00 20.96 +01 35.4 20.1 | -0.91 - 4.8 | 0.3/28.4  | 43278 |
| 2004 RJ <sub>18</sub>  | 2008 09 28.5 | 00 20.98 -14 05.9 19.6 | -0.90 - 3.9 | 6.9/23.2  | 20796 |
| 2004 RX <sub>346</sub> | 2008 09 28.5 | 00 21.00 +16 21.8 19.0 | -0.77 -10.5 | 5.1/04.1  | 42716 |
| 2002 FP <sub>36</sub>  | 2008 09 28.5 | 00 21.03 +03 36.0 20.9 | -0.80 -10.3 | 0.4/29.1  | 43152 |
| 2006 AH <sub>91</sub>  | 2008 09 28.5 | 00 21.03 +00 36.1 20.5 | -0.91 - 6.9 | 0.6/28.0  | 43252 |
| 2007 FJ <sub>12</sub>  | 2008 09 28.6 | 00 20.96 -00 32.0 20.8 | -1.00 - 4.3 | 1.0/27.8  | 20859 |
| 2006 FD <sub>35</sub>  | 2008 09 28.6 | 00 20.97 -03 27.7 20.1 | -0.76 - 3.2 | 1.5/26.8  | 22815 |
| 2002 EU <sub>110</sub> | 2008 09 28.6 | 00 21.01 -08 03.2 20.2 | -0.89 - 4.1 | 3.2/25.4  | 43151 |
| 1998 GP <sub>8</sub>   | 2008 09 28.6 | 00 21.01 -15 27.3 20.1 | -0.83 - 5.1 | 5.0/22.7  | 97334 |
| 2004 OS <sub>8</sub>   | 2008 09 28.6 | 00 21.02 -06 47.3 19.5 | -0.92 - 5.8 | 3.7/25.7  | 43203 |
| 2006 JL <sub>46</sub>  | 2008 09 28.6 | 00 21.02 -18 33.8 21.0 | -0.85 - 1.2 | 5.6/22.2  | 01769 |
| 2007 FO <sub>7</sub>   | 2008 09 28.6 | 00 21.04 +06 07.8 19.3 | -1.07 - 3.8 | 1.7/29.7  | 43278 |
| 2007 EQ <sub>123</sub> | 2008 09 28.6 | 00 21.07 -06 10.2 19.9 | -0.88 - 5.3 | 2.9/25.9  | 26260 |
| 2006 EX <sub>36</sub>  | 2008 09 28.6 | 00 21.10 +01 19.3 20.8 | -0.94 - 2.8 | 0.3/28.3  | 02306 |
| 2005 YZ <sub>83</sub>  | 2008 09 28.6 | 00 21.12 -09 45.9 20.4 | -0.86 - 7.7 | 5.4/24.4  | 96747 |
| 2007 GF <sub>23</sub>  | 2008 09 28.6 | 00 21.22 +05 52.0 20.1 | -0.81 - 8.1 | 1.4/29.9  | 43279 |
| 2004 TU <sub>315</sub> | 2008 09 28.6 | 00 21.25 +07 50.3 20.2 | -0.76 -10.8 | 2.0/30.8  | 74419 |
| 2000 WB <sub>38</sub>  | 2008 09 28.6 | 00 21.26 -07 48.1 17.7 | -0.68 - 6.1 | 4.9/25.0  | 43114 |
| 2001 UH <sub>117</sub> | 2008 09 28.6 | 00 21.27 -04 07.9 19.3 | -0.98 - 4.6 | 2.6/26.7  | 17965 |
| 2006 BX <sub>93</sub>  | 2008 09 28.6 | 00 21.31 +05 11.1 19.7 | -0.85 - 5.3 | 1.1/29.6  | 01248 |
| 2001 SE <sub>120</sub> | 2008 09 28.6 | 00 21.35 +07 10.3 19.4 | -0.81 - 8.6 | 2.2/30.4  | 43127 |
| 2002 RM <sub>178</sub> | 2008 09 28.6 | 00 21.36 -06 02.8 19.3 | -0.68 - 7.1 | 2.4/25.7  | 02127 |
| 2005 YA <sub>11</sub>  | 2008 09 28.6 | 00 21.36 -10 13.3 20.1 | -0.97 - 5.8 | 5.7/24.6  | 98033 |
| 2005 YN <sub>186</sub> | 2008 09 28.6 | 00 21.36 -39 02.8 21.2 | -1.03 - 6.2 | 13.7/13.0 | 98064 |
| 2003 KJ <sub>2</sub>   | 2008 09 28.6 | 00 21.39 -13 06.3 20.0 | -0.84 - 6.1 | 5.6/23.5  | 18054 |
| 2004 VL <sub>57</sub>  | 2008 09 28.7 | 00 21.33 +11 58.8 18.6 | -0.82 - 6.0 | 3.8/02.0  | 43223 |
| 2007 HV <sub>57</sub>  | 2008 09 28.7 | 00 21.34 -03 56.8 20.0 | -0.84 - 6.0 | 2.1/26.6  | 43282 |
| 2003 UC <sub>276</sub> | 2008 09 28.7 | 00 21.35 -04 39.3 19.2 | -0.86 - 2.9 | 2.4/26.6  | 43191 |
| 2006 DP <sub>68</sub>  | 2008 09 28.7 | 00 21.35 -19 35.3 21.2 | -0.73 - 3.6 | 5.2/21.2  | 02293 |
| 2002 QO <sub>80</sub>  | 2008 09 28.7 | 00 21.38 -00 00.1 20.2 | -0.75 - 4.1 | 0.7/28.0  | 43160 |
| 2000 SK <sub>305</sub> | 2008 09 28.7 | 00 21.39 +08 12.3 17.7 | -0.91 - 2.9 | 2.7/30.5  | 43111 |
| 2007 EM <sub>69</sub>  | 2008 09 28.7 | 00 21.40 -01 53.3 21.7 | -0.92 - 6.2 | 1.5/27.4  | 19402 |
| 2001 VG <sub>7</sub>   | 2008 09 28.7 | 00 21.40 +08 42.6 19.1 | -0.88 - 8.1 | 2.5/30.9  | 43135 |
| 2001 SE <sub>18</sub>  | 2008 09 28.7 | 00 21.43 -02 33.3 18.7 | -0.79 - 4.6 | 2.5/27.1  | 43126 |
| 2001 TW <sub>231</sub> | 2008 09 28.7 | 00 21.44 +04 01.7 19.6 | -0.95 - 4.9 | 0.7/29.3  | 43132 |
| 2004 TB <sub>346</sub> | 2008 09 28.7 | 00 21.45 +19 42.5 19.4 | -0.74 - 9.7 | 7.0/05.6  | 21158 |
| 2006 AO <sub>43</sub>  | 2008 09 28.7 | 00 21.45 +11 16.5 20.7 | -0.78 - 3.5 | 2.3/01.7  | 43251 |
| 2002 PD <sub>81</sub>  | 2008 09 28.7 | 00 21.46 -14 53.5 19.5 | -0.73 - 5.0 | 5.1/22.7  | 85558 |
| 1998 SE <sub>52</sub>  | 2008 09 28.7 | 00 21.47 +03 30.2 20.2 | -1.05 - 4.8 | 0.4/29.1  | 43095 |
| 2006 BD <sub>268</sub> | 2008 09 28.7 | 00 21.48 +08 50.2 20.9 | -0.95 - 2.6 | 2.0/30.7  | 02283 |
| 2003 QQ <sub>111</sub> | 2008 09 28.7 | 00 21.51 -13 21.7 17.5 | -0.96 + 1.7 | 6.2/24.7  | 43175 |
| 2003 SP <sub>25</sub>  | 2008 09 28.7 | 00 21.51 +06 35.0 19.0 | -0.83 - 4.0 | 1.4/30.1  | 43176 |
| 2003 HT <sub>20</sub>  | 2008 09 28.7 | 00 21.51 +00 05.6 20.1 | -0.90 - 8.1 | 0.8/28.0  | 43172 |
| 2003 MD <sub>9</sub>   | 2008 09 28.7 | 00 21.52 +22 15.4 19.4 | -0.84 - 7.6 | 6.9/06.4  | 43173 |
| 2006 AO <sub>21</sub>  | 2008 09 28.7 | 00 21.55 -13 04.9 19.3 | -0.88 - 3.7 | 4.9/23.9  | 43250 |
| 2002 GE <sub>118</sub> | 2008 09 28.7 | 00 21.55 -12 19.5 19.4 | -0.89 - 4.9 | 4.9/23.9  | 18008 |
| 2000 SX <sub>371</sub> | 2008 09 28.7 | 00 21.60 -08 28.0 19.5 | -0.79 - 7.4 | 5.0/24.8  | 43111 |
| 2006 DF <sub>43</sub>  | 2008 09 28.7 | 00 21.60 +03 03.6 21.3 | -0.87 - 4.5 | 0.2/29.0  | 02291 |
| 2002 QK <sub>108</sub> | 2008 09 28.7 | 00 21.61 +15 39.3 20.1 | -0.84 - 2.5 | 4.3/03.0  | 13925 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 GL <sub>26</sub>  | 2008 09 28.7 | 00 21.61 +02 20.1 20.9 | -0.92 - 6.1 | 0.0/28.8  | 21209 |
| 2003 SB <sub>144</sub> | 2008 09 28.7 | 00 21.62 +15 26.6 19.9 | -0.77 - 4.9 | 3.8/03.3  | 21332 |
| 2002 CE <sub>2</sub>   | 2008 09 28.7 | 00 21.63 -20 00.0 20.1 | -0.86 - 5.4 | 7.0/21.0  | 21775 |
| 2004 VS <sub>14</sub>  | 2008 09 28.7 | 00 21.63 +11 06.2 19.2 | -0.84 - 5.2 | 3.0/01.7  | 97768 |
| 2001 XN <sub>130</sub> | 2008 09 28.7 | 00 21.67 -01 28.1 18.8 | -0.81 - 6.2 | 1.8/27.5  | 94360 |
| 1998 KK <sub>16</sub>  | 2008 09 28.7 | 00 21.68 -13 03.6 21.2 | -1.02 - 2.5 | 5.4/24.5  | 32333 |
| 2004 TZ <sub>323</sub> | 2008 09 28.7 | 00 21.70 -03 24.5 19.7 | -0.85 - 4.7 | 1.9/26.9  | 43220 |
| 2006 GN <sub>42</sub>  | 2008 09 28.7 | 00 21.70 +04 46.3 20.2 | -0.66 - 8.0 | 0.6/29.7  | 43267 |
| 2006 BO <sub>45</sub>  | 2008 09 28.7 | 00 21.72 +00 34.4 21.2 | -0.81 - 6.3 | 0.6/28.2  | 02273 |
| 2001 HY <sub>22</sub>  | 2008 09 28.7 | 00 21.72 -26 03.9 20.5 | -0.78 - 2.8 | 6.8/19.0  | 21763 |
| 2002 GY <sub>59</sub>  | 2008 09 28.7 | 00 21.73 +10 32.0 21.0 | -0.95 - 2.9 | 2.4/01.2  | 02093 |
| 2002 PH <sub>155</sub> | 2008 09 28.7 | 00 21.73 -01 05.0 19.1 | -0.74 - 4.6 | 1.2/27.7  | 77623 |
| 2002 CX <sub>3</sub>   | 2008 09 28.7 | 00 21.75 +02 35.3 19.0 | -1.01 - 3.5 | 0.1/28.9  | 43145 |
| 2005 WC <sub>87</sub>  | 2008 09 28.7 | 00 21.75 -02 51.8 20.7 | -0.95 - 5.7 | 1.9/27.1  | 01132 |
| 2001 BU <sub>71</sub>  | 2008 09 28.8 | 00 21.71 +06 51.0 17.8 | -0.81 - 6.0 | 2.0/30.3  | 43118 |
| 2005 YZ <sub>153</sub> | 2008 09 28.8 | 00 21.75 -05 46.5 20.0 | -0.91 - 4.5 | 3.1/26.3  | 43248 |
| 2001 TJ <sub>231</sub> | 2008 09 28.8 | 00 21.82 +03 11.0 18.1 | -0.91 - 0.1 | 0.4/29.1  | 42596 |
| 2004 FS <sub>56</sub>  | 2008 09 28.8 | 00 21.85 -05 37.9 19.4 | -1.08 - 3.5 | 3.3/26.6  | 89533 |
| 2003 YC <sub>155</sub> | 2008 09 28.8 | 00 21.86 +14 40.8 19.2 | -1.05 + 0.8 | 4.8/01.9  | 62467 |
| 2006 EX <sub>10</sub>  | 2008 09 28.8 | 00 21.87 -03 33.6 19.3 | -0.83 - 7.5 | 2.3/26.8  | 43264 |
| 2002 GG <sub>12</sub>  | 2008 09 28.8 | 00 21.94 -12 11.6 20.3 | -0.93 - 2.3 | 4.5/24.5  | 02091 |
| 2000 WO                | 2008 09 28.8 | 00 21.97 +29 44.5 18.2 | -1.62 +10.1 | 12.7/02.4 | 74048 |
| 2006 BW <sub>274</sub> | 2008 09 28.8 | 00 22.02 +09 17.7 19.1 | -0.90 - 1.6 | 2.4/30.9  | 09510 |
| 1997 UQ <sub>9</sub>   | 2008 09 28.8 | 00 22.03 -15 36.8 18.5 | -1.07 + 4.2 | 7.4/24.7  | 29570 |
| 2005 UB <sub>308</sub> | 2008 09 28.8 | 00 22.08 +01 38.7 20.5 | -0.99 - 5.7 | 0.3/28.7  | 43239 |
| 2007 DD <sub>19</sub>  | 2008 09 28.8 | 00 22.09 -00 44.0 20.1 | -0.94 - 7.2 | 1.2/27.9  | 43273 |
| 2003 SU <sub>154</sub> | 2008 09 28.8 | 00 22.10 +07 54.8 19.3 | -1.80 + 7.4 | 2.9/29.7  | 43179 |
| 2006 HE <sub>1</sub>   | 2008 09 28.8 | 00 22.12 -06 01.7 19.6 | -0.82 - 2.7 | 2.4/26.3  | 04373 |
| 2006 CO <sub>20</sub>  | 2008 09 28.9 | 00 22.05 +18 53.7 20.3 | -1.07 - 1.1 | 6.0/03.6  | 01309 |
| 2001 QK <sub>215</sub> | 2008 09 28.9 | 00 22.05 -02 56.6 17.9 | -0.77 - 8.0 | 2.6/27.0  | 43123 |
| 2003 SF <sub>8</sub>   | 2008 09 28.9 | 00 22.07 +03 24.4 19.8 | -0.77 - 5.5 | 0.3/29.2  | 43176 |
| 2002 GR <sub>89</sub>  | 2008 09 28.9 | 00 22.09 +00 43.7 20.9 | -0.87 - 3.7 | 0.5/28.4  | 48229 |
| 2004 TE <sub>355</sub> | 2008 09 28.9 | 00 22.09 -13 47.2 19.0 | -1.01 - 1.1 | 6.2/24.3  | 20810 |
| 2002 PY <sub>115</sub> | 2008 09 28.9 | 00 22.09 +14 26.3 18.4 | -0.63 -10.3 | 4.0/03.7  | 43158 |
| 2005 EF <sub>202</sub> | 2008 09 28.9 | 00 22.12 -12 23.1 20.5 | -0.84 - 2.0 | 3.9/24.3  | 30224 |
| 2002 CU <sub>182</sub> | 2008 09 28.9 | 00 22.12 -11 07.0 20.4 | -0.84 - 6.3 | 4.6/24.3  | 94626 |
| 2002 CF <sub>17</sub>  | 2008 09 28.9 | 00 22.12 +08 02.3 19.4 | -0.97 - 3.8 | 2.1/30.6  | 43145 |
| 2002 AG <sub>69</sub>  | 2008 09 28.9 | 00 22.13 +04 28.3 20.9 | -0.87 - 5.4 | 0.7/29.6  | 43143 |
| 2004 LM <sub>20</sub>  | 2008 09 28.9 | 00 22.15 -07 09.2 19.9 | -0.94 - 7.5 | 3.7/25.8  | 18074 |
| 2007 DO <sub>111</sub> | 2008 09 28.9 | 00 22.17 +05 12.6 19.6 | -1.12 - 2.2 | 1.3/29.7  | 43274 |
| 2006 HR <sub>27</sub>  | 2008 09 28.9 | 00 22.20 -08 14.4 20.0 | -0.73 - 6.3 | 3.3/25.1  | 01641 |
| 2004 TK <sub>7</sub>   | 2008 09 28.9 | 00 22.21 -14 45.4 19.2 | -0.66 - 3.8 | 8.9/22.6  | 86563 |
| 2005 YO <sub>130</sub> | 2008 09 28.9 | 00 22.22 -05 19.4 21.5 | -0.86 - 6.1 | 2.5/26.4  | 96784 |
| 2001 SX <sub>318</sub> | 2008 09 28.9 | 00 22.23 +02 19.2 19.9 | -1.08 - 1.9 | 0.0/28.9  | 43129 |
| 2001 TX <sub>143</sub> | 2008 09 28.9 | 00 22.23 -04 38.0 19.6 | -0.85 - 9.0 | 3.0/26.5  | 43131 |
| 2005 WX <sub>142</sub> | 2008 09 28.9 | 00 22.26 -02 45.0 20.9 | -0.96 - 5.7 | 1.8/27.3  | 26104 |
| 2002 CH <sub>33</sub>  | 2008 09 28.9 | 00 22.28 -18 37.0 20.9 | -0.84 - 5.7 | 6.3/21.6  | 94575 |
| 2002 GJ <sub>40</sub>  | 2008 09 28.9 | 00 22.29 +09 31.1 19.8 | -0.47 - 3.8 | 1.3/01.6  | 43152 |
| 2004 TL <sub>201</sub> | 2008 09 28.9 | 00 22.32 +10 07.0 19.6 | -0.83 - 6.0 | 2.9/01.6  | 74405 |
| 2000 FB <sub>29</sub>  | 2008 09 28.9 | 00 22.33 +04 58.5 19.9 | -0.98 - 6.3 | 0.9/29.8  | 43104 |
| 2005 YU <sub>9</sub>   | 2008 09 28.9 | 00 22.34 -05 47.4 19.0 | -0.89 - 6.3 | 3.7/26.3  | 18166 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2005 YL <sub>275</sub> | 2008 09 28.9 | 00 22.38 -17 45.0 20.5 | -0.96 - 2.2 | 5.7/22.8 | 02268 |
| 2003 WT <sub>66</sub>  | 2008 09 28.9 | 00 22.39 +20 36.2 19.7 | -0.72 - 6.8 | 6.0/05.9 | 57294 |
| 2002 GC <sub>65</sub>  | 2008 09 28.9 | 00 22.39 +04 07.3 20.4 | -0.77 - 8.9 | 0.5/29.6 | 43153 |
| 1999 VH <sub>186</sub> | 2008 09 28.9 | 00 22.40 -15 18.7 19.3 | -0.95 - 3.0 | 6.3/23.3 | 01987 |
| 2002 CJ <sub>80</sub>  | 2008 09 28.9 | 00 22.43 -08 09.5 20.9 | -0.82 - 6.3 | 3.3/25.4 | 97563 |
| 2005 WY <sub>169</sub> | 2008 09 28.9 | 00 22.46 -02 49.3 21.0 | -0.93 - 6.0 | 1.8/27.3 | 96566 |
| 2004 RJ <sub>201</sub> | 2008 09 29.0 | 00 22.44 +03 05.7 17.6 | -1.03 + 0.8 | 0.3/29.2 | 43210 |
| 2001 YW <sub>120</sub> | 2008 09 29.0 | 00 22.49 +10 24.1 21.2 | -0.95 - 5.7 | 2.9/01.6 | 43142 |
| 2003 UA <sub>272</sub> | 2008 09 29.0 | 00 22.49 -19 37.5 19.6 | -0.94 + 0.4 | 7.6/22.7 | 58038 |
| 2002 EW <sub>142</sub> | 2008 09 29.0 | 00 22.51 +01 08.0 20.5 | -0.87 - 4.4 | 0.4/28.6 | 43151 |
| 2003 QR <sub>34</sub>  | 2008 09 29.0 | 00 22.55 -04 17.0 19.0 | -0.78 - 6.4 | 2.3/26.7 | 43174 |
| 2002 CX <sub>284</sub> | 2008 09 29.0 | 00 22.56 +08 22.2 20.1 | -0.91 - 4.5 | 2.2/30.9 | 00189 |
| 2002 JY <sub>144</sub> | 2008 09 29.0 | 00 22.56 -11 36.9 19.7 | -0.75 - 7.9 | 4.2/23.9 | 43155 |
| 2006 AQ <sub>35</sub>  | 2008 09 29.0 | 00 22.56 -06 48.5 21.0 | -0.81 - 5.9 | 2.8/25.9 | 96922 |
| 2007 HQ <sub>18</sub>  | 2008 09 29.0 | 00 22.57 -03 28.4 20.3 | -0.87 - 3.9 | 2.1/27.2 | 26277 |
| 2002 QG <sub>9</sub>   | 2008 09 29.0 | 00 22.58 +06 55.0 19.0 | -0.91 - 0.9 | 1.4/30.3 | 43159 |
| 2005 AP <sub>80</sub>  | 2008 09 29.0 | 00 22.60 -06 32.3 20.6 | -0.73 - 4.9 | 2.5/26.0 | 00909 |
| 2132 T-2               | 2008 09 29.0 | 00 22.60 +03 20.2 19.0 | -0.70 - 8.8 | 0.3/29.4 | 43320 |
| 2003 WB <sub>27</sub>  | 2008 09 29.0 | 00 22.61 +02 45.4 20.1 | -0.80 - 3.3 | 0.1/29.1 | 43193 |
| 2004 TT <sub>203</sub> | 2008 09 29.0 | 00 22.62 -02 16.2 19.9 | -0.88 - 3.5 | 1.6/27.6 | 86573 |
| 2000 QU <sub>147</sub> | 2008 09 29.0 | 00 22.63 -13 04.4 18.8 | -0.81 -24.2 | 6.7/22.2 | 43107 |
| 1999 VS <sub>150</sub> | 2008 09 29.0 | 00 22.67 +04 54.7 18.2 | -0.81 - 5.0 | 1.0/29.9 | 43101 |
| 2001 FT <sub>82</sub>  | 2008 09 29.0 | 00 22.67 +11 07.3 19.6 | -0.82 - 4.0 | 2.5/01.9 | 43119 |
| 2005 UT <sub>504</sub> | 2008 09 29.0 | 00 22.69 -05 08.8 19.9 | -0.79 - 6.1 | 2.5/26.5 | 97958 |
| 2005 EG <sub>45</sub>  | 2008 09 29.0 | 00 22.70 -00 37.2 20.5 | -0.70 - 5.4 | 0.8/28.0 | 87653 |
| 2004 TB <sub>30</sub>  | 2008 09 29.0 | 00 22.70 -01 49.3 20.1 | -0.95 - 3.1 | 1.4/27.8 | 97751 |
| 2008 QR <sub>23</sub>  | 2008 09 29.0 | 00 22.71 +12 48.9 20.5 | -0.80 - 4.2 | 3.5/02.5 | 43004 |
| 2004 TE <sub>274</sub> | 2008 09 29.0 | 00 22.71 +05 31.8 18.5 | -0.83 - 5.6 | 1.3/30.1 | 43219 |
| 1997 HK <sub>11</sub>  | 2008 09 29.0 | 00 22.71 +14 19.5 19.3 | -0.91 - 9.3 | 4.6/03.3 | 19510 |
| 2007 EL <sub>96</sub>  | 2008 09 29.0 | 00 22.76 +01 02.6 20.5 | -0.94 - 7.6 | 0.6/28.6 | 43276 |
| 2006 HG <sub>12</sub>  | 2008 09 29.0 | 00 22.77 -14 14.2 20.1 | -0.80 - 3.0 | 5.0/23.6 | 01624 |
| 2005 YP <sub>34</sub>  | 2008 09 29.0 | 00 22.80 -02 25.5 21.1 | -0.91 - 7.0 | 1.7/27.5 | 26113 |
| 2004 PQ <sub>39</sub>  | 2008 09 29.0 | 00 22.80 +11 09.8 19.1 | -0.94 - 4.8 | 3.4/01.9 | 43204 |
| 2002 CF <sub>150</sub> | 2008 09 29.0 | 00 22.82 -11 01.3 20.0 | -0.82 - 7.0 | 4.8/24.4 | 20761 |
| 2001 XA <sub>159</sub> | 2008 09 29.0 | 00 22.82 +02 45.6 19.1 | -0.90 - 7.0 | 0.1/29.2 | 43140 |
| 2002 PO <sub>110</sub> | 2008 09 29.1 | 00 22.79 +17 08.1 19.8 | -0.76 - 5.0 | 4.4/04.3 | 43158 |
| 2006 BM <sub>24</sub>  | 2008 09 29.1 | 00 22.79 -00 36.9 20.2 | -0.88 - 6.9 | 1.2/28.1 | 43253 |
| 2001 UP <sub>194</sub> | 2008 09 29.1 | 00 22.82 -00 17.0 20.3 | -0.93 - 7.1 | 1.1/28.2 | 43135 |
| 2003 WP <sub>37</sub>  | 2008 09 29.1 | 00 22.83 +02 15.7 19.4 | -0.83 - 2.1 | 0.1/29.1 | 43193 |
| 2002 PX <sub>172</sub> | 2008 09 29.1 | 00 22.84 -17 34.0 21.5 | -0.72 - 6.1 | 5.4/21.9 | 03353 |
| 2000 UU <sub>32</sub>  | 2008 09 29.1 | 00 22.86 -01 02.6 19.6 | -0.86 - 5.9 | 1.2/28.0 | 43112 |
| 2002 RG <sub>73</sub>  | 2008 09 29.1 | 00 22.87 +09 37.3 19.5 | -0.80 - 2.9 | 2.1/01.4 | 43161 |
| 2000 HZ <sub>99</sub>  | 2008 09 29.1 | 00 22.87 -01 14.9 19.9 | -0.90 - 8.5 | 1.3/27.9 | 43106 |
| 2000 CK <sub>106</sub> | 2008 09 29.1 | 00 22.88 -02 48.3 20.7 | -0.73 - 5.1 | 1.5/27.3 | 22374 |
| 2002 PD <sub>35</sub>  | 2008 09 29.1 | 00 22.90 +24 35.2 19.0 | -0.92 - 1.5 | 7.3/06.4 | 77613 |
| 2006 HF <sub>46</sub>  | 2008 09 29.1 | 00 22.92 -13 18.7 21.0 | -0.73 - 4.4 | 4.3/23.7 | 09555 |
| 2006 BB <sub>219</sub> | 2008 09 29.1 | 00 22.94 +05 44.6 19.9 | -0.86 - 4.1 | 1.1/30.2 | 43256 |
| 2006 GY <sub>41</sub>  | 2008 09 29.1 | 00 23.01 -15 12.8 20.1 | -0.91 - 3.7 | 5.4/23.4 | 01596 |
| 2003 RK <sub>4</sub>   | 2008 09 29.1 | 00 23.05 +22 39.0 19.3 | -0.84 - 6.8 | 6.5/06.7 | 43175 |
| 2006 ED <sub>57</sub>  | 2008 09 29.1 | 00 23.06 +02 22.9 20.1 | -0.70 - 7.2 | 0.0/29.1 | 21358 |
| 2003 EK <sub>10</sub>  | 2008 09 29.1 | 00 23.08 +09 48.9 20.3 | -0.98 - 5.0 | 2.5/01.5 | 42635 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 VR <sub>41</sub>  | 2008 09 29.1 | 00 23.08 -00 42.7 19.8 | -0.65 - 3.5 | 0.8/28.1  | 43136 |
| 1995 SF <sub>42</sub>  | 2008 09 29.1 | 00 23.09 -01 07.3 20.6 | -1.13 - 3.2 | 1.6/28.2  | 43092 |
| 2003 WJ                | 2008 09 29.1 | 00 23.09 +08 55.7 19.0 | -0.69 - 7.6 | 2.2/01.5  | 43192 |
| 1999 TH <sub>289</sub> | 2008 09 29.1 | 00 23.10 -11 36.9 18.7 | -0.92 - 1.8 | 5.5/24.9  | 43100 |
| 2004 TO <sub>123</sub> | 2008 09 29.1 | 00 23.11 -05 38.7 18.6 | -0.81 - 4.5 | 3.7/26.5  | 43216 |
| 2006 GK <sub>41</sub>  | 2008 09 29.1 | 00 23.14 +06 20.7 19.8 | -0.70 - 6.9 | 1.0/30.6  | 11167 |
| 2002 DV <sub>18</sub>  | 2008 09 29.1 | 00 23.14 -10 55.1 21.1 | -0.96 - 3.0 | 4.1/25.1  | 94678 |
| 2001 VK <sub>19</sub>  | 2008 09 29.1 | 00 23.16 -02 30.0 19.3 | -1.01 - 3.9 | 2.0/27.7  | 43135 |
| 2003 EU <sub>17</sub>  | 2008 09 29.1 | 00 23.16 -03 56.0 19.7 | -0.94 - 6.9 | 2.3/27.1  | 97639 |
| 2007 HW <sub>77</sub>  | 2008 09 29.1 | 00 23.19 -08 11.1 20.1 | -0.98 - 6.0 | 4.5/25.8  | 20660 |
| 1999 UT <sub>45</sub>  | 2008 09 29.1 | 00 23.19 +01 26.9 19.1 | -0.97 - 1.3 | 0.4/28.9  | 43100 |
| 2002 YB <sub>32</sub>  | 2008 09 29.2 | 00 23.13 +00 21.0 18.5 | -0.94 - 6.5 | 1.0/28.5  | 43166 |
| 2006 DB <sub>177</sub> | 2008 09 29.2 | 00 23.13 -03 05.6 19.7 | -0.78 - 7.1 | 1.9/27.3  | 43263 |
| 2005 SH <sub>253</sub> | 2008 09 29.2 | 00 23.13 +00 35.5 19.5 | -1.11 - 3.6 | 0.8/28.7  | 43234 |
| 2002 CQ <sub>263</sub> | 2008 09 29.2 | 00 23.13 -01 10.4 20.0 | -0.81 - 6.9 | 1.3/27.9  | 43148 |
| 2007 HC <sub>18</sub>  | 2008 09 29.2 | 00 23.14 -11 19.6 19.6 | -0.95 - 1.5 | 5.0/25.3  | 43281 |
| 1999 VS <sub>219</sub> | 2008 09 29.2 | 00 23.14 +00 26.8 19.5 | -1.01 - 0.6 | 0.7/28.7  | 20245 |
| 2006 DB <sub>215</sub> | 2008 09 29.2 | 00 23.16 +04 04.2 20.4 | -0.79 - 5.3 | 0.5/29.7  | 43264 |
| 2007 HB <sub>66</sub>  | 2008 09 29.2 | 00 23.17 -03 15.9 18.4 | -0.66 - 9.6 | 1.9/27.0  | 43282 |
| 2004 VZ <sub>59</sub>  | 2008 09 29.2 | 00 23.18 +05 33.4 19.0 | -0.85 - 3.5 | 1.4/30.2  | 74435 |
| 2001 UW <sub>201</sub> | 2008 09 29.2 | 00 23.18 +04 59.6 19.2 | -0.97 - 6.7 | 1.1/30.0  | 43135 |
| 2004 NJ <sub>29</sub>  | 2008 09 29.2 | 00 23.22 +13 07.5 19.5 | -0.95 - 6.8 | 4.1/03.0  | 43202 |
| 2005 UM <sub>172</sub> | 2008 09 29.2 | 00 23.23 -01 40.3 20.4 | -1.01 - 5.2 | 1.6/27.9  | 21607 |
| 2006 FX <sub>53</sub>  | 2008 09 29.2 | 00 23.24 +02 08.0 20.7 | -0.74 - 5.7 | 0.1/29.1  | 43266 |
| 2004 XB <sub>136</sub> | 2008 09 29.2 | 00 23.26 +28 26.4 19.0 | -0.75 - 3.7 | 12.0/09.4 | 42734 |
| 2004 BD                | 2008 09 29.2 | 00 23.27 +37 51.0 19.5 | -1.01 + 1.1 | 12.1/10.7 | 61767 |
| 2007 TJ <sub>350</sub> | 2008 09 29.2 | 00 23.28 +02 34.4 20.3 | -0.49 - 2.6 | 0.0/29.3  | 43291 |
| 2004 WG <sub>11</sub>  | 2008 09 29.2 | 00 23.29 -03 54.1 19.5 | -0.84 - 4.4 | 2.4/27.2  | 03646 |
| 2006 DJ <sub>184</sub> | 2008 09 29.2 | 00 23.30 -01 45.2 19.6 | -0.89 - 3.0 | 1.5/28.0  | 11162 |
| 2005 YZ <sub>9</sub>   | 2008 09 29.2 | 00 23.32 -07 15.8 21.0 | -0.94 - 5.1 | 3.3/26.1  | 96668 |
| 2001 QM <sub>246</sub> | 2008 09 29.2 | 00 23.34 +01 21.2 17.8 | -0.72 -11.9 | 0.5/28.8  | 43123 |
| 2003 GH <sub>39</sub>  | 2008 09 29.2 | 00 23.34 -06 10.8 20.3 | -0.82 - 7.3 | 3.2/26.3  | 19101 |
| 2007 ES <sub>199</sub> | 2008 09 29.2 | 00 23.35 -01 02.9 19.9 | -0.93 - 6.3 | 1.4/28.1  | 43277 |
| 2004 RB <sub>22</sub>  | 2008 09 29.2 | 00 23.39 +03 05.0 19.8 | -0.90 - 5.6 | 0.2/29.4  | 43206 |
| 2005 CR <sub>69</sub>  | 2008 09 29.2 | 00 23.40 -09 43.9 19.5 | -0.69 - 6.3 | 3.7/24.9  | 43230 |
| 2002 EP <sub>37</sub>  | 2008 09 29.2 | 00 23.40 -02 45.3 21.9 | -0.85 - 5.8 | 1.7/27.5  | 94686 |
| 1998 VA <sub>9</sub>   | 2008 09 29.2 | 00 23.42 +07 58.5 18.3 | -0.83 - 5.0 | 2.8/01.0  | 43095 |
| 2007 DT <sub>85</sub>  | 2008 09 29.2 | 00 23.45 +09 46.6 20.4 | -1.10 - 4.1 | 3.0/01.4  | 43274 |
| 2001 TA <sub>145</sub> | 2008 09 29.2 | 00 23.45 -01 38.0 19.3 | -0.86 - 9.2 | 1.8/27.8  | 43131 |
| 2007 JX <sub>41</sub>  | 2008 09 29.2 | 00 23.47 -16 50.8 22.1 | -0.82 - 3.7 | 5.3/23.1  | 20889 |
| 2006 EL <sub>19</sub>  | 2008 09 29.2 | 00 23.47 +02 29.7 19.5 | -0.89 - 1.3 | 0.0/29.3  | 42807 |
| 2006 ER <sub>10</sub>  | 2008 09 29.2 | 00 23.48 -01 02.0 20.4 | -0.77 - 4.3 | 1.2/28.1  | 43264 |
| 2005 AQ                | 2008 09 29.2 | 00 23.48 -04 39.2 19.5 | -0.69 - 9.3 | 2.9/26.6  | 42735 |
| 2003 UZ <sub>272</sub> | 2008 09 29.2 | 00 23.50 -05 54.1 19.2 | -0.84 - 2.3 | 2.7/26.7  | 43191 |
| 2004 PR <sub>48</sub>  | 2008 09 29.2 | 00 23.51 +09 04.8 18.9 | -0.99 - 2.5 | 2.9/01.2  | 43204 |
| 2006 DT <sub>130</sub> | 2008 09 29.2 | 00 23.51 -12 34.3 19.8 | -0.70 - 7.6 | 4.4/23.7  | 02298 |
| 2002 CT <sub>175</sub> | 2008 09 29.3 | 00 23.51 +08 41.0 19.1 | -0.93 - 4.0 | 2.0/01.2  | 94623 |
| 2002 CY <sub>264</sub> | 2008 09 29.3 | 00 23.51 -00 33.2 22.0 | -0.84 - 7.2 | 1.1/28.3  | 08234 |
| 2007 GN <sub>37</sub>  | 2008 09 29.3 | 00 23.52 -06 30.1 19.2 | -0.91 - 2.7 | 3.7/26.6  | 20866 |
| 2007 DU <sub>44</sub>  | 2008 09 29.3 | 00 23.53 -22 14.8 21.0 | -0.97 - 2.0 | 7.2/21.9  | 21876 |
| 2002 EA <sub>161</sub> | 2008 09 29.3 | 00 23.55 +05 17.4 20.7 | -0.83 - 6.1 | 0.9/30.2  | 43151 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 YL <sub>190</sub> | 2008 09 29.3 | 00 23.55 -09 00.5 19.5 | -0.79 - 4.9 | 5.8/25.4  | 28236 |
| 2001 TS <sub>90</sub>  | 2008 09 29.3 | 00 23.56 +08 56.4 19.0 | -1.03 - 2.7 | 2.8/01.2  | 43131 |
| 2004 TT <sub>9</sub>   | 2008 09 29.3 | 00 23.57 +17 50.7 18.5 | -0.86 -19.6 | 6.1/05.6  | 74368 |
| 2003 FR <sub>43</sub>  | 2008 09 29.3 | 00 23.61 -01 03.1 20.3 | -0.50 - 2.1 | 0.6/28.1  | 43169 |
| 2005 YD <sub>55</sub>  | 2008 09 29.3 | 00 23.62 -10 31.0 20.2 | -0.82 - 6.1 | 4.4/24.9  | 31427 |
| 2003 UD <sub>257</sub> | 2008 09 29.3 | 00 23.63 -07 10.3 20.1 | -0.76 - 4.3 | 2.7/26.1  | 86149 |
| 2001 HX <sub>28</sub>  | 2008 09 29.3 | 00 23.63 -36 59.0 19.3 | -1.45 + 4.4 | 15.4/20.3 | 14611 |
| 2006 CW <sub>65</sub>  | 2008 09 29.3 | 00 23.69 -14 18.3 20.3 | -0.92 - 3.2 | 5.4/24.1  | 09516 |
| 2006 DE <sub>211</sub> | 2008 09 29.3 | 00 23.70 +02 10.8 21.3 | -0.75 - 5.5 | 0.1/29.2  | 43263 |
| 2007 EO <sub>28</sub>  | 2008 09 29.3 | 00 23.71 +10 27.7 19.4 | -1.13 - 3.5 | 3.4/01.6  | 43275 |
| 1999 RS <sub>181</sub> | 2008 09 29.3 | 00 23.71 +03 38.4 19.2 | -0.84 - 5.0 | 0.4/29.7  | 43097 |
| 2001 AR <sub>30</sub>  | 2008 09 29.3 | 00 23.73 -08 59.6 19.1 | -0.94 - 5.0 | 4.4/25.6  | 02025 |
| 2005 EO <sub>79</sub>  | 2008 09 29.3 | 00 23.80 -09 15.1 20.6 | -0.62 - 2.7 | 2.4/25.4  | 77828 |
| 2001 OJ <sub>113</sub> | 2008 09 29.3 | 00 23.85 -09 47.3 19.2 | -0.67 - 9.1 | 6.1/24.6  | 10773 |
| 2003 UP <sub>272</sub> | 2008 09 29.3 | 00 23.87 -03 51.5 19.5 | -0.73 - 6.0 | 2.1/27.2  | 43191 |
| 2006 DX <sub>5</sub>   | 2008 09 29.3 | 00 23.88 -04 42.3 21.8 | -0.74 - 5.7 | 1.8/26.9  | 04369 |
| 2001 XK <sub>221</sub> | 2008 09 29.3 | 00 23.88 +20 09.2 20.1 | -0.90 - 7.7 | 5.7/05.7  | 21309 |
| 2001 RQ <sub>36</sub>  | 2008 09 29.3 | 00 23.88 +08 44.6 18.4 | -0.94 - 5.7 | 2.9/01.3  | 43124 |
| 2003 UW <sub>2</sub>   | 2008 09 29.3 | 00 23.90 +13 23.9 21.2 | -0.67 -10.9 | 2.9/03.7  | 08773 |
| 2002 CG <sub>245</sub> | 2008 09 29.3 | 00 23.90 +15 53.4 19.6 | -0.94 - 4.2 | 4.9/03.6  | 02080 |
| 2006 DJ <sub>104</sub> | 2008 09 29.3 | 00 23.90 +05 43.5 20.3 | -0.79 - 4.5 | 1.0/30.4  | 43262 |
| 2000 WJ <sub>27</sub>  | 2008 09 29.3 | 00 23.91 -15 17.2 19.9 | -0.83 - 4.7 | 6.0/23.4  | 97415 |
| 2000 YY <sub>98</sub>  | 2008 09 29.3 | 00 23.92 -18 32.5 20.0 | -0.81 - 6.1 | 6.4/21.7  | 00004 |
| 2003 SL <sub>163</sub> | 2008 09 29.3 | 00 23.95 -04 57.5 18.6 | -1.78 +13.0 | 4.5/28.7  | 57957 |
| 2002 RU <sub>227</sub> | 2008 09 29.4 | 00 23.88 +15 04.2 20.4 | -0.91 - 0.5 | 3.5/03.0  | 43162 |
| 2007 OO <sub>7</sub>   | 2008 09 29.4 | 00 23.89 +05 07.6 19.2 | -0.48 - 4.0 | 0.5/30.3  | 43285 |
| 2005 SX <sub>217</sub> | 2008 09 29.4 | 00 23.90 +00 09.7 18.9 | -1.00 - 4.2 | 1.2/28.7  | 43233 |
| 2006 EP <sub>14</sub>  | 2008 09 29.4 | 00 23.90 +01 05.2 20.2 | -0.81 - 5.4 | 0.5/28.9  | 43264 |
| 2000 UX <sub>29</sub>  | 2008 09 29.4 | 00 23.92 -00 28.9 19.2 | -1.07 - 1.9 | 1.2/28.6  | 74039 |
| 2001 FQ <sub>139</sub> | 2008 09 29.4 | 00 23.92 -03 31.3 19.6 | -0.86 - 1.9 | 1.8/27.6  | 43120 |
| 2005 WF <sub>92</sub>  | 2008 09 29.4 | 00 23.96 +09 59.5 19.6 | -0.94 - 7.0 | 2.7/01.9  | 43244 |
| 2000 KR <sub>8</sub>   | 2008 09 29.4 | 00 24.00 -03 40.5 18.7 | -0.94 - 4.6 | 2.8/27.5  | 43106 |
| 2004 TV <sub>145</sub> | 2008 09 29.4 | 00 24.03 -00 35.3 19.7 | -0.83 - 6.2 | 1.3/28.4  | 42722 |
| 2004 EM <sub>19</sub>  | 2008 09 29.4 | 00 24.03 +03 39.3 21.2 | -0.63 - 2.7 | 0.2/29.8  | 43198 |
| 2007 LH <sub>5</sub>   | 2008 09 29.4 | 00 24.06 -18 31.1 20.0 | -0.77 - 6.5 | 7.3/21.8  | 21881 |
| 2004 FC <sub>116</sub> | 2008 09 29.4 | 00 24.07 -11 26.6 18.7 | -1.06 - 1.9 | 6.6/25.6  | 43199 |
| 2006 HV <sub>77</sub>  | 2008 09 29.4 | 00 24.08 -03 38.5 20.7 | -0.80 - 2.3 | 1.7/27.5  | 02330 |
| 2003 SJ <sub>430</sub> | 2008 09 29.4 | 00 24.09 +14 00.1 20.4 | -0.70 - 8.8 | 4.0/03.8  | 41127 |
| 2006 DS <sub>101</sub> | 2008 09 29.4 | 00 24.14 -01 20.7 20.7 | -0.79 - 4.5 | 1.3/28.2  | 21628 |
| 2006 EO <sub>30</sub>  | 2008 09 29.4 | 00 24.17 +15 57.3 20.3 | -1.06 - 1.0 | 4.9/03.2  | 01474 |
| 2003 UN <sub>310</sub> | 2008 09 29.4 | 00 24.18 -03 27.9 19.8 | -0.88 - 1.1 | 1.8/27.7  | 02190 |
| 2004 TO <sub>68</sub>  | 2008 09 29.4 | 00 24.18 -09 48.9 18.8 | -0.83 - 4.1 | 5.7/25.4  | 43215 |
| 2007 ES <sub>48</sub>  | 2008 09 29.4 | 00 24.18 -02 44.8 21.1 | -0.98 - 4.1 | 1.8/27.9  | 20853 |
| 2007 FS                | 2008 09 29.4 | 00 24.19 +02 12.7 21.0 | -1.00 - 4.5 | 0.1/29.4  | 43278 |
| 2004 RM <sub>323</sub> | 2008 09 29.4 | 00 24.19 +14 52.3 18.4 | -0.84 - 9.1 | 5.9/04.2  | 43212 |
| 2006 HK <sub>47</sub>  | 2008 09 29.4 | 00 24.20 -14 55.5 19.6 | -0.87 - 1.6 | 5.3/24.1  | 11169 |
| 2002 AX <sub>115</sub> | 2008 09 29.4 | 00 24.21 +25 30.5 19.8 | -0.99 - 3.8 | 7.7/07.2  | 94515 |
| 2006 GP <sub>48</sub>  | 2008 09 29.4 | 00 24.27 -10 02.1 20.1 | -0.86 - 1.2 | 3.7/25.8  | 01603 |
| 2002 RQ <sub>3</sub>   | 2008 09 29.5 | 00 24.21 -18 37.5 17.7 | -0.61 -14.8 | 7.1/19.9  | 41784 |
| 2001 UR <sub>89</sub>  | 2008 09 29.5 | 00 24.22 +19 56.1 18.7 | -1.52 + 5.3 | 7.6/02.5  | 43134 |
| 2001 XN <sub>223</sub> | 2008 09 29.5 | 00 24.29 +05 07.9 20.4 | -0.65 - 3.3 | 0.6/30.4  | 43140 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 EQ <sub>25</sub>  | 2008 09 29.5 | 00 24.30 -03 14.8 20.1 | -1.04 - 5.0 | 2.2/27.7  | 94929 |
| 2006 BN <sub>256</sub> | 2008 09 29.5 | 00 24.31 +01 46.8 19.6 | -0.86 - 4.1 | 0.3/29.3  | 42799 |
| 2005 YD <sub>120</sub> | 2008 09 29.5 | 00 24.33 -05 32.8 20.4 | -0.85 - 6.0 | 2.7/26.8  | 96775 |
| 2000 ET <sub>60</sub>  | 2008 09 29.5 | 00 24.36 +06 31.7 19.9 | -1.05 - 4.2 | 1.5/30.7  | 43104 |
| 2005 WB <sub>149</sub> | 2008 09 29.5 | 00 24.37 +10 54.1 19.5 | -1.01 - 4.4 | 3.1/02.1  | 43244 |
| 2005 WO <sub>130</sub> | 2008 09 29.5 | 00 24.37 -08 38.8 20.4 | -0.99 - 4.2 | 4.4/26.1  | 18160 |
| 2002 RD <sub>263</sub> | 2008 09 29.5 | 00 24.39 +05 50.1 19.8 | -0.67 - 7.1 | 0.9/30.7  | 43163 |
| 1999 JR <sub>36</sub>  | 2008 09 29.5 | 00 24.40 -04 33.1 19.3 | -0.93 - 4.2 | 2.6/27.4  | 43096 |
| 2000 SZ <sub>238</sub> | 2008 09 29.5 | 00 24.42 -19 11.8 17.8 | -1.04 + 3.5 | 10.6/24.5 | 43110 |
| 2003 WO <sub>95</sub>  | 2008 09 29.5 | 00 24.43 -15 35.1 19.0 | -0.82 - 2.4 | 5.7/23.7  | 02194 |
| 2003 EG <sub>60</sub>  | 2008 09 29.5 | 00 24.45 -07 29.5 20.5 | -0.93 - 5.3 | 3.3/26.3  | 21325 |
| 2004 RQ <sub>102</sub> | 2008 09 29.5 | 00 24.46 +09 06.0 19.6 | -0.96 - 4.1 | 2.3/01.5  | 43208 |
| 2005 WA <sub>171</sub> | 2008 09 29.5 | 00 24.47 -03 46.8 19.4 | -0.93 - 5.6 | 2.6/27.5  | 18162 |
| 2003 FC <sub>101</sub> | 2008 09 29.5 | 00 24.50 +01 49.2 20.1 | -0.89 - 7.7 | 0.3/29.3  | 43170 |
| 2000 YA <sub>55</sub>  | 2008 09 29.5 | 00 24.51 -11 58.9 19.1 | -0.83 - 5.6 | 5.2/24.6  | 41762 |
| 2004 TO <sub>67</sub>  | 2008 09 29.5 | 00 24.52 -17 16.8 18.4 | -0.68 + 2.2 | 11.1/23.5 | 19636 |
| 2002 GQ <sub>9</sub>   | 2008 09 29.5 | 00 24.57 -44 16.4 18.8 | -1.80 +11.0 | 24.4/18.0 | 43152 |
| 2005 SG <sub>133</sub> | 2008 09 29.5 | 00 24.57 +01 07.0 19.4 | -1.10 - 3.9 | 0.7/29.1  | 42768 |
| 2004 VJ <sub>77</sub>  | 2008 09 29.5 | 00 24.59 -05 45.4 19.0 | -0.88 - 3.9 | 3.2/26.9  | 74438 |
| 2007 FL <sub>34</sub>  | 2008 09 29.5 | 00 24.61 -05 10.2 20.9 | -0.95 - 5.4 | 2.9/27.1  | 19466 |
| 2006 DE <sub>203</sub> | 2008 09 29.5 | 00 24.61 -04 06.0 19.3 | -0.84 - 4.1 | 2.2/27.5  | 43263 |
| 2005 EQ <sub>23</sub>  | 2008 09 29.5 | 00 24.65 +10 56.0 20.0 | -0.82 - 2.3 | 2.4/02.1  | 76753 |
| 2004 TW <sub>367</sub> | 2008 09 29.5 | 00 24.65 +04 52.3 20.0 | -0.93 - 2.6 | 1.0/30.2  | 23986 |
| 2004 FK <sub>57</sub>  | 2008 09 29.6 | 00 24.61 +06 07.9 20.2 | -0.65 - 2.8 | 0.8/30.8  | 43199 |
| 2007 KH <sub>3</sub>   | 2008 09 29.6 | 00 24.62 +11 54.2 20.6 | -0.92 - 6.7 | 3.3/02.7  | 22891 |
| 2005 UV <sub>73</sub>  | 2008 09 29.6 | 00 24.64 +06 20.2 19.1 | -0.95 - 7.7 | 1.5/30.8  | 43237 |
| 2003 UV <sub>182</sub> | 2008 09 29.6 | 00 24.66 +09 45.4 19.4 | -0.71 - 7.9 | 2.2/02.2  | 43189 |
| 2006 BB <sub>99</sub>  | 2008 09 29.6 | 00 24.66 -14 47.4 19.3 | -0.88 - 3.2 | 5.9/24.2  | 21355 |
| 2003 SU <sub>198</sub> | 2008 09 29.6 | 00 24.67 +10 48.6 19.1 | -0.87 - 2.4 | 2.6/02.1  | 43180 |
| 2007 GE <sub>66</sub>  | 2008 09 29.6 | 00 24.68 +12 45.5 21.0 | -0.78 - 8.8 | 3.3/03.4  | 43280 |
| 2004 VH <sub>25</sub>  | 2008 09 29.6 | 00 24.69 -08 21.4 20.4 | -1.03 - 1.8 | 3.9/26.5  | 00845 |
| 2006 BP <sub>161</sub> | 2008 09 29.6 | 00 24.70 +10 37.5 19.3 | -0.87 - 8.9 | 3.0/02.4  | 43255 |
| 2006 CG <sub>10</sub>  | 2008 09 29.6 | 00 24.73 -48 41.5 20.1 | -1.00 - 2.7 | 12.8/13.0 | 02284 |
| 2004 RR <sub>31</sub>  | 2008 09 29.6 | 00 24.76 +04 15.0 18.9 | -1.03 - 1.7 | 0.7/30.1  | 43207 |
| 2004 CN <sub>83</sub>  | 2008 09 29.6 | 00 24.77 +01 32.9 20.9 | -0.58 - 3.8 | 0.2/29.3  | 76422 |
| 2001 RB <sub>39</sub>  | 2008 09 29.6 | 00 24.77 +06 23.8 19.2 | -0.88 - 6.1 | 1.8/30.9  | 48072 |
| 2006 BY <sub>67</sub>  | 2008 09 29.6 | 00 24.78 -01 31.6 21.4 | -0.91 - 5.7 | 1.5/28.3  | 98103 |
| 2005 CS <sub>51</sub>  | 2008 09 29.6 | 00 24.79 +13 03.9 19.6 | -0.81 - 2.5 | 2.9/02.9  | 43230 |
| 2004 TK <sub>129</sub> | 2008 09 29.6 | 00 24.79 -06 13.1 19.1 | -0.84 - 5.2 | 3.7/26.7  | 43216 |
| 2001 AO <sub>26</sub>  | 2008 09 29.6 | 00 24.80 -11 45.0 19.1 | -0.81 - 3.3 | 3.6/25.1  | 43117 |
| 2004 RK <sub>230</sub> | 2008 09 29.6 | 00 24.87 +03 33.8 19.6 | -0.94 - 3.6 | 0.3/29.9  | 42713 |
| 2006 AU <sub>10</sub>  | 2008 09 29.6 | 00 24.92 +09 35.7 20.4 | -1.02 - 4.0 | 2.7/01.7  | 42791 |
| 2007 FV <sub>23</sub>  | 2008 09 29.6 | 00 24.93 -00 13.3 20.6 | -0.94 - 3.3 | 1.0/28.8  | 20859 |
| 2007 EK <sub>213</sub> | 2008 09 29.6 | 00 24.94 +02 13.6 20.3 | -0.96 - 5.6 | 0.2/29.5  | 43277 |
| 2002 JW <sub>118</sub> | 2008 09 29.6 | 00 24.96 -19 26.1 19.9 | -0.84 - 6.0 | 6.9/21.7  | 22704 |
| 2003 UE <sub>83</sub>  | 2008 09 29.6 | 00 24.96 -09 06.9 18.4 | -0.73 - 5.7 | 4.8/25.5  | 43187 |
| 2003 WO <sub>1</sub>   | 2008 09 29.6 | 00 24.98 +07 29.6 20.0 | -0.76 - 5.2 | 1.5/01.3  | 43192 |
| 2003 TB <sub>39</sub>  | 2008 09 29.6 | 00 24.98 +13 08.3 21.1 | -0.78 - 6.2 | 3.0/03.4  | 22454 |
| 2002 GA <sub>81</sub>  | 2008 09 29.6 | 00 25.00 -02 08.5 20.7 | -0.81 - 6.0 | 1.5/28.1  | 94740 |
| 2004 FS <sub>46</sub>  | 2008 09 29.6 | 00 25.01 +06 12.1 19.5 | -1.04 - 6.1 | 1.4/30.8  | 43199 |
| 2006 DR <sub>93</sub>  | 2008 09 29.7 | 00 25.00 +02 45.7 20.0 | -0.83 - 6.3 | 0.0/29.7  | 01394 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 ED <sub>104</sub> | 2008 09 29.7 | 00 25.01 -07 07.4 21.6 | -0.81 - 5.8 | 2.6/26.4  | 02087 |
| 2005 YN <sub>173</sub> | 2008 09 29.7 | 00 25.01 +41 42.0 21.3 | -1.08 - 2.0 | 9.4/14.0  | 96816 |
| 2005 CB <sub>20</sub>  | 2008 09 29.7 | 00 25.02 +13 24.6 19.8 | -0.86 - 2.2 | 3.1/03.0  | 43229 |
| 2003 WM <sub>107</sub> | 2008 09 29.7 | 00 25.05 +27 02.2 18.9 | -0.70 - 8.3 | 7.9/09.7  | 89490 |
| 2005 WA <sub>195</sub> | 2008 09 29.7 | 00 25.10 +05 45.8 20.3 | -0.95 - 8.3 | 1.2/30.8  | 43245 |
| 2006 KC <sub>63</sub>  | 2008 09 29.7 | 00 25.13 -09 49.1 19.4 | -0.70 - 6.2 | 3.6/25.2  | 43269 |
| 2002 ET <sub>132</sub> | 2008 09 29.7 | 00 25.13 -01 15.3 20.6 | -0.78 - 7.6 | 1.2/28.4  | 43151 |
| 2001 QJ <sub>107</sub> | 2008 09 29.7 | 00 25.15 +33 58.6 17.7 | -0.59 -18.5 | 13.2/15.7 | 35781 |
| 2001 BF <sub>21</sub>  | 2008 09 29.7 | 00 25.15 +64 36.2 19.2 | -1.72 +15.7 | 33.7/13.0 | 84667 |
| 2002 KY <sub>2</sub>   | 2008 09 29.7 | 00 25.16 +06 30.0 21.0 | -0.83 - 6.4 | 1.1/01.0  | 18014 |
| 2000 EY <sub>15</sub>  | 2008 09 29.7 | 00 25.22 -03 32.8 19.2 | -0.66 - 9.1 | 2.1/27.4  | 43104 |
| 2004 TX <sub>62</sub>  | 2008 09 29.7 | 00 25.23 -01 22.4 20.5 | -1.04 - 1.1 | 1.6/28.7  | 32986 |
| 2007 RQ <sub>9</sub>   | 2008 09 29.7 | 00 25.24 +31 31.6 20.0 | -0.85 -11.6 | 8.3/12.0  | 24526 |
| 2002 JV <sub>16</sub>  | 2008 09 29.7 | 00 25.24 -00 52.0 19.8 | -0.76 - 7.1 | 1.0/28.5  | 43154 |
| 1981 ES <sub>15</sub>  | 2008 09 29.7 | 00 25.24 +11 23.3 19.7 | -0.96 - 3.4 | 2.8/02.4  | 43091 |
| 2002 CS <sub>32</sub>  | 2008 09 29.7 | 00 25.28 -11 20.2 20.5 | -0.87 - 4.6 | 4.4/25.2  | 94574 |
| 2005 EY <sub>40</sub>  | 2008 09 29.7 | 00 25.29 -18 16.7 20.1 | -0.83 - 2.2 | 6.1/22.9  | 22501 |
| 2002 GM <sub>119</sub> | 2008 09 29.7 | 00 25.29 -14 54.0 20.2 | -0.91 - 2.2 | 5.3/24.5  | 10871 |
| 2007 HP <sub>28</sub>  | 2008 09 29.7 | 00 25.33 +03 58.1 20.0 | -0.78 -11.3 | 0.4/30.2  | 43281 |
| 2002 AK <sub>72</sub>  | 2008 09 29.7 | 00 25.33 +02 48.0 19.8 | -0.93 - 5.5 | 0.0/29.8  | 43143 |
| 2004 XG <sub>79</sub>  | 2008 09 29.7 | 00 25.34 +01 34.0 19.7 | -0.84 - 4.6 | 0.4/29.4  | 43225 |
| 2005 CB <sub>5</sub>   | 2008 09 29.7 | 00 25.34 +14 11.7 21.6 | -0.76 - 3.1 | 2.7/03.5  | 77809 |
| 2002 GH <sub>3</sub>   | 2008 09 29.7 | 00 25.34 -31 41.1 18.0 | -1.81 +11.0 | 17.9/24.8 | 43152 |
| 2000 EF <sub>45</sub>  | 2008 09 29.7 | 00 25.35 +05 48.4 20.4 | -1.00 - 5.0 | 1.1/30.7  | 19521 |
| 1999 VO <sub>70</sub>  | 2008 09 29.7 | 00 25.35 +04 33.5 19.3 | -0.80 - 6.3 | 0.6/30.4  | 43101 |
| 2007 EB <sub>97</sub>  | 2008 09 29.7 | 00 25.38 +03 22.8 21.4 | -0.94 - 5.8 | 0.2/30.0  | 43276 |
| 2003 UL <sub>65</sub>  | 2008 09 29.8 | 00 25.32 -15 19.6 19.3 | -0.79 - 3.8 | 5.6/23.8  | 97685 |
| 2002 JU <sub>99</sub>  | 2008 09 29.8 | 00 25.36 -19 01.0 18.8 | -0.94 - 1.8 | 7.7/23.0  | 02103 |
| 2004 NO <sub>31</sub>  | 2008 09 29.8 | 00 25.38 +17 49.0 18.0 | -0.76 -17.6 | 5.7/06.4  | 43202 |
| 2007 HN <sub>14</sub>  | 2008 09 29.8 | 00 25.41 +00 13.6 20.6 | -0.96 - 4.8 | 0.9/29.1  | 42883 |
| 2003 MC <sub>3</sub>   | 2008 09 29.8 | 00 25.42 +35 36.6 19.7 | -1.03 - 5.4 | 9.7/11.9  | 95014 |
| 2001 VX <sub>112</sub> | 2008 09 29.8 | 00 25.44 +03 53.0 20.0 | -0.96 - 4.4 | 0.5/30.2  | 43136 |
| 2007 KF <sub>8</sub>   | 2008 09 29.8 | 00 25.44 -14 46.0 19.9 | -0.75 - 5.1 | 5.5/23.8  | 21881 |
| 2003 AC <sub>29</sub>  | 2008 09 29.8 | 00 25.45 +12 12.8 19.2 | -1.03 - 4.9 | 3.8/02.7  | 94887 |
| 2001 CM <sub>46</sub>  | 2008 09 29.8 | 00 25.51 +04 35.5 19.9 | -0.83 - 4.9 | 0.6/30.4  | 43118 |
| 2007 LE <sub>15</sub>  | 2008 09 29.8 | 00 25.52 +21 45.0 19.9 | -0.85 - 7.3 | 6.0/06.9  | 21708 |
| 1999 TA <sub>158</sub> | 2008 09 29.8 | 00 25.53 +08 36.9 18.9 | -0.86 - 4.1 | 2.2/01.7  | 43099 |
| 2001 TF <sub>152</sub> | 2008 09 29.8 | 00 25.54 -10 23.2 19.1 | -1.00 - 1.9 | 6.0/26.1  | 43132 |
| 2002 AA <sub>110</sub> | 2008 09 29.8 | 00 25.56 -04 17.9 18.8 | -0.90 - 6.0 | 3.1/27.5  | 43143 |
| 2007 EQ <sub>135</sub> | 2008 09 29.8 | 00 25.61 +01 53.2 19.8 | -0.89 - 8.8 | 0.4/29.6  | 43277 |
| 2003 SR <sub>254</sub> | 2008 09 29.8 | 00 25.61 +02 42.3 19.3 | -0.80 - 4.5 | 0.0/29.9  | 43181 |
| 2005 BM <sub>8</sub>   | 2008 09 29.8 | 00 25.62 +19 19.6 20.1 | -0.84 - 2.5 | 4.6/05.2  | 21818 |
| 2006 BN <sub>101</sub> | 2008 09 29.8 | 00 25.63 +01 26.1 20.5 | -0.87 - 5.5 | 0.5/29.4  | 43254 |
| 2001 TE <sub>154</sub> | 2008 09 29.8 | 00 25.67 -10 25.3 18.5 | -0.86 - 6.3 | 6.1/25.5  | 43132 |
| 2007 HL <sub>90</sub>  | 2008 09 29.8 | 00 25.71 -19 09.6 20.3 | -0.87 - 4.0 | 7.4/22.7  | 21694 |
| 2003 UF <sub>84</sub>  | 2008 09 29.9 | 00 25.67 +07 56.4 20.7 | -0.70 - 7.0 | 1.4/01.8  | 43187 |
| 2002 ET <sub>60</sub>  | 2008 09 29.9 | 00 25.68 +05 32.1 19.9 | -0.83 - 7.1 | 0.9/30.8  | 43150 |
| 2002 PO <sub>79</sub>  | 2008 09 29.9 | 00 25.69 +06 24.7 19.6 | -0.89 - 1.2 | 1.2/31.0  | 43158 |
| 2004 RD <sub>337</sub> | 2008 09 29.9 | 00 25.69 +04 29.8 20.5 | -0.73 - 6.2 | 0.8/30.5  | 43212 |
| 2006 GY <sub>20</sub>  | 2008 09 29.9 | 00 25.72 -07 56.3 20.3 | -0.81 - 2.8 | 3.1/26.6  | 01572 |
| 2004 UE <sub>5</sub>   | 2008 09 29.9 | 00 25.73 -09 01.0 19.5 | -1.21 + 1.4 | 3.7/27.1  | 26716 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 CD <sub>4</sub>   | 2008 09 29.9 | 00 25.73 +52 07.7 19.3 | -1.84 + 9.5 | 18.7/09.2 | 77808 |
| 2005 YE <sub>175</sub> | 2008 09 29.9 | 00 25.76 +19 08.6 21.2 | -0.98 - 5.5 | 5.6/05.2  | 98062 |
| 2002 RL <sub>142</sub> | 2008 09 29.9 | 00 25.78 +19 31.9 19.2 | -0.96 + 0.3 | 5.5/04.7  | 43162 |
| 2001 SW <sub>233</sub> | 2008 09 29.9 | 00 25.78 -00 14.5 19.2 | -0.92 - 8.3 | 1.2/28.9  | 43128 |
| 2003 HQ <sub>14</sub>  | 2008 09 29.9 | 00 25.79 -05 49.8 20.2 | -0.52 - 1.6 | 1.4/27.0  | 43171 |
| 2006 DK <sub>27</sub>  | 2008 09 29.9 | 00 25.83 +04 39.3 20.6 | -0.95 - 3.3 | 0.7/30.5  | 43259 |
| 2003 XX <sub>8</sub>   | 2008 09 29.9 | 00 25.83 -03 16.7 18.4 | -0.97 + 0.2 | 2.1/28.3  | 43196 |
| 2002 EY <sub>161</sub> | 2008 09 29.9 | 00 25.84 -08 51.8 21.0 | -0.48 - 3.3 | 2.0/25.7  | 17436 |
| 2003 QA <sub>67</sub>  | 2008 09 29.9 | 00 25.84 +05 56.9 19.7 | -0.84 - 4.4 | 1.0/31.0  | 02157 |
| 1999 VU <sub>176</sub> | 2008 09 29.9 | 00 25.84 -02 47.7 19.0 | -0.88 - 3.2 | 1.9/28.2  | 01987 |
| 2002 GP <sub>105</sub> | 2008 09 29.9 | 00 25.90 -14 18.0 20.2 | -0.94 - 2.3 | 5.3/24.8  | 94747 |
| 2007 GZ <sub>40</sub>  | 2008 09 29.9 | 00 25.91 -03 28.9 20.3 | -1.06 - 3.5 | 2.5/28.2  | 20867 |
| 2001 FF <sub>168</sub> | 2008 09 29.9 | 00 25.96 +01 51.4 20.3 | -0.78 - 4.7 | 0.3/29.7  | 42584 |
| 2005 WO <sub>48</sub>  | 2008 09 29.9 | 00 26.06 -04 01.8 21.2 | -0.95 - 5.0 | 2.3/27.9  | 26098 |
| 2000 RK <sub>45</sub>  | 2008 09 29.9 | 00 26.06 +07 57.8 17.9 | -0.66 -10.9 | 2.4/02.0  | 43108 |
| 2003 YD <sub>11</sub>  | 2008 09 29.9 | 00 26.08 -01 26.0 18.6 | -0.86 - 2.3 | 1.6/28.7  | 43196 |
| 2007 HE <sub>67</sub>  | 2008 09 30.0 | 00 26.08 -10 20.7 20.0 | -0.89 - 6.4 | 4.8/25.6  | 21691 |
| 2002 PH <sub>114</sub> | 2008 09 30.0 | 00 26.08 -11 13.3 20.2 | -0.70 - 6.8 | 4.2/25.0  | 43158 |
| 2002 AD <sub>157</sub> | 2008 09 30.0 | 00 26.11 +10 14.3 19.9 | -0.88 - 5.6 | 2.5/02.5  | 43144 |
| 2003 GT <sub>47</sub>  | 2008 09 30.0 | 00 26.13 -01 21.2 20.7 | -0.92 - 5.4 | 1.4/28.7  | 20779 |
| 2006 HY <sub>12</sub>  | 2008 09 30.0 | 00 26.13 -02 43.4 21.0 | -0.68 - 5.4 | 1.4/28.1  | 11168 |
| 2006 DZ <sub>117</sub> | 2008 09 30.0 | 00 26.14 +01 57.9 21.5 | -0.88 - 4.4 | 0.3/29.8  | 02297 |
| 2005 ES <sub>85</sub>  | 2008 09 30.0 | 00 26.14 -08 24.1 20.1 | -0.70 - 5.9 | 3.0/26.0  | 77829 |
| 2001 VY <sub>70</sub>  | 2008 09 30.0 | 00 26.17 -02 41.9 19.4 | -1.01 - 3.2 | 2.2/28.4  | 97505 |
| 2004 VZ <sub>4</sub>   | 2008 09 30.0 | 00 26.18 +06 30.3 19.3 | -0.89 - 4.2 | 1.3/01.2  | 43221 |
| 2002 EU <sub>112</sub> | 2008 09 30.0 | 00 26.20 +01 46.6 20.3 | -0.93 - 3.9 | 0.4/29.7  | 97584 |
| 2003 GM <sub>40</sub>  | 2008 09 30.0 | 00 26.21 -02 45.2 21.3 | -0.92 - 6.2 | 1.9/28.2  | 97651 |
| 2005 AC <sub>62</sub>  | 2008 09 30.0 | 00 26.22 +04 26.2 20.0 | -0.83 - 4.2 | 0.5/30.6  | 43228 |
| 2004 TD <sub>109</sub> | 2008 09 30.0 | 00 26.23 +16 08.0 19.1 | -0.76 -10.5 | 4.7/05.2  | 43216 |
| 2000 EP <sub>141</sub> | 2008 09 30.0 | 00 26.23 +01 16.7 21.6 | -0.75 - 4.3 | 0.4/29.5  | 74753 |
| 2003 UW <sub>22</sub>  | 2008 09 30.0 | 00 26.27 +02 47.5 18.3 | -0.71 - 4.9 | 0.0/30.0  | 42662 |
| 2007 JR <sub>40</sub>  | 2008 09 30.0 | 00 26.28 +14 58.0 19.6 | -0.74 -11.1 | 4.5/04.8  | 43284 |
| 2001 YN <sub>20</sub>  | 2008 09 30.0 | 00 26.28 +05 11.8 20.3 | -0.61 - 3.9 | 0.5/30.9  | 24340 |
| 2005 CC <sub>43</sub>  | 2008 09 30.0 | 00 26.31 -08 25.3 21.6 | -0.68 - 6.0 | 2.8/26.0  | 02243 |
| 2000 VF <sub>19</sub>  | 2008 09 30.0 | 00 26.34 -06 45.1 19.5 | -0.99 + 0.1 | 4.7/27.4  | 72214 |
| 2007 EQ <sub>29</sub>  | 2008 09 30.0 | 00 26.37 -01 45.6 20.1 | -0.97 - 6.2 | 1.7/28.6  | 19711 |
| 2005 EU <sub>115</sub> | 2008 09 30.0 | 00 26.42 +00 26.4 20.4 | -0.70 - 5.9 | 0.7/29.2  | 42743 |
| 2005 YB <sub>182</sub> | 2008 09 30.0 | 00 26.43 -06 14.0 19.9 | -0.96 - 4.3 | 3.5/27.3  | 96827 |
| 2006 AT <sub>10</sub>  | 2008 09 30.0 | 00 26.44 +08 05.6 19.4 | -1.02 - 3.5 | 2.0/01.6  | 43250 |
| 2006 DX <sub>84</sub>  | 2008 09 30.0 | 00 26.46 +05 29.8 19.8 | -0.82 - 6.1 | 1.0/31.0  | 43261 |
| 2000 GE <sub>41</sub>  | 2008 09 30.1 | 00 26.46 +04 21.2 21.2 | -0.70 - 5.2 | 0.4/30.6  | 01998 |
| 2007 DL <sub>109</sub> | 2008 09 30.1 | 00 26.48 -34 20.2 19.0 | -0.79 -17.7 | 16.3/13.0 | 43274 |
| 2001 WZ <sub>75</sub>  | 2008 09 30.1 | 00 26.49 +00 49.7 19.7 | -0.90 - 6.7 | 0.9/29.5  | 94310 |
| 2003 FA <sub>99</sub>  | 2008 09 30.1 | 00 26.51 -01 30.1 20.6 | -0.98 - 5.5 | 1.6/28.8  | 03502 |
| 2002 NM <sub>28</sub>  | 2008 09 30.1 | 00 26.51 +17 58.0 19.4 | -0.78 - 4.9 | 4.9/05.4  | 43156 |
| 2004 FH <sub>148</sub> | 2008 09 30.1 | 00 26.57 +16 44.4 19.7 | -0.46 - 5.5 | 2.2/05.6  | 43200 |
| 2000 EP <sub>127</sub> | 2008 09 30.1 | 00 26.58 -06 12.9 19.3 | -1.01 - 6.6 | 3.6/27.2  | 43104 |
| 2000 HE <sub>4</sub>   | 2008 09 30.1 | 00 26.59 +08 17.1 20.3 | -0.90 - 8.4 | 2.0/02.0  | 43105 |
| 2004 VT <sub>23</sub>  | 2008 09 30.1 | 00 26.59 +05 23.3 18.7 | -0.83 - 5.7 | 1.1/31.0  | 73522 |
| 2002 ED <sub>116</sub> | 2008 09 30.1 | 00 26.61 +05 08.4 21.4 | -0.88 - 4.4 | 0.7/30.9  | 97584 |
| 2003 UJ <sub>50</sub>  | 2008 09 30.1 | 00 26.62 +19 17.1 19.0 | -0.79 - 4.5 | 5.7/05.8  | 43186 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 HF <sub>43</sub>  | 2008 09 30.1 | 00 26.64 -04 44.2 20.5 | -0.96 - 3.3 | 2.6/27.9  | 20780 |
| 2003 WZ <sub>63</sub>  | 2008 09 30.1 | 00 26.65 +13 29.1 19.4 | -0.72 - 6.2 | 3.2/04.0  | 43193 |
| 2001 VX <sub>123</sub> | 2008 09 30.1 | 00 26.68 +01 01.7 19.6 | -0.89 - 8.0 | 0.8/29.5  | 43137 |
| 2006 DY <sub>2</sub>   | 2008 09 30.1 | 00 26.69 +20 22.9 18.6 | -1.11 + 3.8 | 8.5/04.5  | 43259 |
| 2001 XA <sub>13</sub>  | 2008 09 30.1 | 00 26.70 +00 18.3 18.7 | -1.06 - 0.5 | 1.1/29.5  | 97515 |
| 1998 TC <sub>20</sub>  | 2008 09 30.1 | 00 26.71 +03 36.1 20.2 | -0.78 - 4.8 | 0.3/30.4  | 10696 |
| 2006 BS <sub>163</sub> | 2008 09 30.1 | 00 26.72 -09 10.4 20.5 | -0.78 - 6.5 | 3.7/26.0  | 97098 |
| 2002 CW <sub>93</sub>  | 2008 09 30.1 | 00 26.74 +07 34.6 20.5 | -0.95 - 3.4 | 1.6/01.6  | 43146 |
| 1999 TZ <sub>244</sub> | 2008 09 30.1 | 00 26.80 +00 20.7 19.0 | -0.63 -10.1 | 1.1/29.2  | 42577 |
| 2002 RM <sub>269</sub> | 2008 09 30.2 | 00 26.74 +08 25.8 20.8 | -0.79 - 3.3 | 1.6/02.0  | 43163 |
| 2004 TD <sub>196</sub> | 2008 09 30.2 | 00 26.75 +01 18.3 20.5 | -0.92 - 3.3 | 0.6/29.7  | 42724 |
| 2002 JU <sub>148</sub> | 2008 09 30.2 | 00 26.75 +04 13.5 19.5 | -0.84 - 4.2 | 0.4/30.6  | 43155 |
| 2001 QA <sub>250</sub> | 2008 09 30.2 | 00 26.78 -12 29.9 18.6 | -0.85 - 5.7 | 7.2/25.0  | 43123 |
| 2002 SG <sub>63</sub>  | 2008 09 30.2 | 00 26.78 -01 00.5 19.8 | -0.77 - 3.5 | 1.2/29.0  | 10914 |
| 2001 QY <sub>141</sub> | 2008 09 30.2 | 00 26.79 -06 35.4 18.3 | -0.79 -11.7 | 4.0/26.6  | 43122 |
| 2000 WE <sub>101</sub> | 2008 09 30.2 | 00 26.80 -10 10.9 17.9 | -0.90 - 4.8 | 5.2/25.9  | 43114 |
| 2002 RL <sub>218</sub> | 2008 09 30.2 | 00 26.85 +03 44.1 19.8 | -0.87 - 1.0 | 0.3/30.5  | 42624 |
| 2006 DW <sub>102</sub> | 2008 09 30.2 | 00 26.85 +00 45.1 21.1 | -0.75 - 5.1 | 0.6/29.5  | 42804 |
| 2006 AS <sub>33</sub>  | 2008 09 30.2 | 00 26.87 -07 07.0 20.3 | -0.85 - 4.9 | 3.1/27.0  | 96920 |
| 2004 PU <sub>50</sub>  | 2008 09 30.2 | 00 26.87 -05 53.3 19.5 | -0.89 - 5.5 | 3.7/27.4  | 43204 |
| 2004 PL <sub>114</sub> | 2008 09 30.2 | 00 26.89 -14 28.8 18.5 | -0.79 - 9.4 | 7.1/23.9  | 22774 |
| 2002 QR <sub>90</sub>  | 2008 09 30.2 | 00 26.89 -01 56.7 19.3 | -0.80 - 2.7 | 1.5/28.7  | 10894 |
| 2002 RR <sub>277</sub> | 2008 09 30.2 | 00 26.90 +20 28.5 20.4 | -0.82 - 3.5 | 4.6/06.2  | 25879 |
| 2006 DG <sub>14</sub>  | 2008 09 30.2 | 00 26.94 -08 54.0 20.3 | -0.79 - 6.2 | 3.4/26.2  | 11159 |
| 2005 VY <sub>95</sub>  | 2008 09 30.2 | 00 26.97 -12 00.2 21.3 | -1.01 - 4.5 | 6.1/25.6  | 97971 |
| 2003 UY <sub>14</sub>  | 2008 09 30.2 | 00 26.98 +11 13.6 19.3 | -0.72 - 7.6 | 2.7/03.3  | 43185 |
| 2006 AU <sub>88</sub>  | 2008 09 30.2 | 00 26.98 -17 15.8 19.8 | -0.78 - 6.8 | 6.7/23.0  | 21354 |
| 2005 VS <sub>57</sub>  | 2008 09 30.2 | 00 26.99 -11 07.1 20.7 | -0.97 - 5.3 | 5.4/25.8  | 19668 |
| 2006 EA <sub>48</sub>  | 2008 09 30.2 | 00 27.03 -08 35.5 19.7 | -0.73 - 5.0 | 3.5/26.4  | 43265 |
| 2007 EX <sub>124</sub> | 2008 09 30.2 | 00 27.07 +05 54.4 20.4 | -0.80 - 9.5 | 0.9/01.4  | 20565 |
| 2002 GX <sub>108</sub> | 2008 09 30.2 | 00 27.08 -28 57.2 19.9 | -1.64 + 5.0 | 15.8/22.9 | 18008 |
| 2001 YK <sub>7</sub>   | 2008 09 30.2 | 00 27.08 +07 10.8 19.5 | -1.02 - 1.9 | 1.9/01.5  | 43141 |
| 2007 GS <sub>39</sub>  | 2008 09 30.2 | 00 27.09 -03 07.5 21.2 | -0.99 - 4.4 | 2.1/28.5  | 26269 |
| 2002 GA <sub>83</sub>  | 2008 09 30.2 | 00 27.11 -03 49.3 20.1 | -0.78 - 7.0 | 2.0/27.9  | 02094 |
| 2004 XK <sub>26</sub>  | 2008 09 30.2 | 00 27.18 -11 30.5 18.7 | -0.88 - 3.5 | 5.6/25.7  | 41822 |
| 2006 HO <sub>30</sub>  | 2008 09 30.3 | 00 27.12 -08 07.9 21.6 | -0.69 - 4.7 | 2.5/26.5  | 02323 |
| 2001 EX <sub>19</sub>  | 2008 09 30.3 | 00 27.14 +07 01.4 19.0 | -0.53 - 2.2 | 0.8/01.7  | 43119 |
| 2003 SF <sub>241</sub> | 2008 09 30.3 | 00 27.14 +00 53.7 20.9 | -0.81 - 4.2 | 0.7/29.7  | 42653 |
| 2006 FV <sub>15</sub>  | 2008 09 30.3 | 00 27.14 +02 45.0 19.8 | -0.79 - 6.3 | 0.1/30.2  | 43265 |
| 2002 CC <sub>281</sub> | 2008 09 30.3 | 00 27.16 +03 56.8 19.3 | -0.89 - 6.1 | 0.4/30.6  | 43148 |
| 2002 AX <sub>125</sub> | 2008 09 30.3 | 00 27.18 +39 09.6 21.4 | -1.09 - 1.6 | 8.7/12.8  | 74128 |
| 2000 DR <sub>25</sub>  | 2008 09 30.3 | 00 27.22 -08 20.5 21.2 | -0.66 - 6.0 | 2.6/26.3  | 99938 |
| 2006 HW <sub>4</sub>   | 2008 09 30.3 | 00 27.24 +00 55.5 20.2 | -0.77 - 5.6 | 0.6/29.7  | 43267 |
| 2005 UG <sub>276</sub> | 2008 09 30.3 | 00 27.25 +05 19.9 20.1 | -0.99 - 6.3 | 0.9/01.1  | 20821 |
| 2004 TN <sub>233</sub> | 2008 09 30.3 | 00 27.26 +26 34.9 18.8 | -0.78 - 8.0 | 9.5/09.8  | 74411 |
| 2004 PF <sub>73</sub>  | 2008 09 30.3 | 00 27.28 +10 59.0 18.6 | -1.01 - 1.7 | 3.6/02.6  | 43205 |
| 2005 XZ <sub>44</sub>  | 2008 09 30.3 | 00 27.30 -08 40.9 19.9 | -1.01 - 3.0 | 4.7/27.0  | 96625 |
| 2005 UQ <sub>296</sub> | 2008 09 30.3 | 00 27.31 +09 58.6 20.2 | -0.95 - 7.7 | 2.6/03.0  | 43239 |
| 2003 WS <sub>46</sub>  | 2008 09 30.3 | 00 27.31 +14 30.6 19.7 | -0.73 - 6.4 | 3.5/04.5  | 43193 |
| 2003 UJ <sub>274</sub> | 2008 09 30.3 | 00 27.35 +07 09.7 19.3 | -0.86 - 2.6 | 1.4/01.6  | 43191 |
| 2002 HJ                | 2008 09 30.3 | 00 27.35 -02 17.0 19.6 | -0.77 - 7.1 | 1.7/28.5  | 02099 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 DQ <sub>141</sub> | 2008 09 30.3 | 00 27.39 -02 37.3 19.8 | -0.82 - 5.0 | 2.1/28.5  | 04370 |
| 2002 JB <sub>40</sub>  | 2008 09 30.3 | 00 27.41 +14 53.8 19.9 | -0.85 - 7.2 | 3.6/04.5  | 02101 |
| 2006 AG <sub>98</sub>  | 2008 09 30.3 | 00 27.42 -33 40.1 20.7 | -0.78 - 3.1 | 8.2/16.6  | 21853 |
| 2006 HL <sub>21</sub>  | 2008 09 30.3 | 00 27.43 -01 31.4 21.3 | -0.73 - 5.4 | 1.2/28.8  | 01633 |
| 2005 UY <sub>103</sub> | 2008 09 30.3 | 00 27.44 -00 39.9 19.8 | -0.95 - 6.7 | 1.6/29.2  | 43237 |
| 2005 WQ <sub>135</sub> | 2008 09 30.3 | 00 27.48 -07 46.7 19.8 | -0.89 - 6.0 | 5.0/26.8  | 43244 |
| 2002 RG <sub>192</sub> | 2008 09 30.3 | 00 27.49 -01 39.8 18.6 | -0.74 - 4.8 | 1.5/28.8  | 10906 |
| 2001 RS                | 2008 09 30.3 | 00 27.54 +45 55.2 19.2 | -1.18 - 5.6 | 15.1/20.3 | 64970 |
| 2001 UV <sub>139</sub> | 2008 09 30.3 | 00 27.54 +10 30.9 18.5 | -0.85 - 6.6 | 3.5/03.0  | 43134 |
| 2004 XQ <sub>164</sub> | 2008 09 30.3 | 00 27.56 +30 55.9 19.1 | -0.97 - 2.3 | 11.0/09.6 | 73712 |
| 2002 EB <sub>16</sub>  | 2008 09 30.4 | 00 27.48 +10 49.5 20.6 | -0.89 - 4.0 | 2.5/02.9  | 43149 |
| 2000 AT <sub>44</sub>  | 2008 09 30.4 | 00 27.49 -08 33.5 19.3 | -0.48 - 3.0 | 2.0/26.3  | 24301 |
| 2007 JT <sub>36</sub>  | 2008 09 30.4 | 00 27.53 +01 32.9 20.7 | -0.94 - 5.4 | 0.5/30.0  | 21238 |
| 2002 CC <sub>183</sub> | 2008 09 30.4 | 00 27.59 +00 49.7 20.3 | -0.90 - 4.9 | 0.7/29.7  | 43147 |
| 2007 HV <sub>35</sub>  | 2008 09 30.4 | 00 27.60 -01 59.2 19.7 | -0.88 - 4.3 | 1.9/28.9  | 43281 |
| 2002 RE <sub>71</sub>  | 2008 09 30.4 | 00 27.61 +04 54.0 18.9 | -0.65 - 9.3 | 0.6/01.2  | 43161 |
| 2002 JN <sub>20</sub>  | 2008 09 30.4 | 00 27.62 -07 23.5 19.1 | -0.84 - 4.3 | 3.4/27.1  | 97599 |
| 1999 RF <sub>121</sub> | 2008 09 30.4 | 00 27.62 +03 16.1 18.1 | -0.71 -12.8 | 0.1/30.5  | 41751 |
| 2004 XP <sub>75</sub>  | 2008 09 30.4 | 00 27.66 +06 30.9 18.9 | -0.89 - 4.8 | 1.5/01.5  | 77794 |
| 2002 AF <sub>187</sub> | 2008 09 30.4 | 00 27.66 -07 27.3 19.6 | -0.92 - 3.3 | 3.4/27.3  | 43144 |
| 2004 VJ <sub>55</sub>  | 2008 09 30.4 | 00 27.69 -13 29.4 19.9 | -0.86 - 4.2 | 5.4/25.0  | 22781 |
| 2006 EU <sub>72</sub>  | 2008 09 30.4 | 00 27.73 +01 02.9 20.1 | -0.67 -13.0 | 0.6/29.7  | 43265 |
| 2002 EZ <sub>22</sub>  | 2008 09 30.4 | 00 27.74 -15 05.5 19.9 | -0.46 - 4.9 | 3.1/23.5  | 87533 |
| 2002 CH <sub>310</sub> | 2008 09 30.4 | 00 27.75 +23 09.6 19.8 | -1.04 - 1.7 | 7.3/06.7  | 43148 |
| 2002 EN <sub>52</sub>  | 2008 09 30.4 | 00 27.76 +01 58.5 20.9 | -0.46 - 3.0 | 0.2/30.1  | 24351 |
| 2005 CR <sub>23</sub>  | 2008 09 30.4 | 00 27.76 +45 51.0 18.4 | -1.11 - 0.2 | 13.0/18.4 | 40133 |
| 2002 GL <sub>49</sub>  | 2008 09 30.4 | 00 27.80 +17 14.5 21.1 | -0.85 - 5.3 | 4.0/05.3  | 10870 |
| 2005 UV <sub>36</sub>  | 2008 09 30.4 | 00 27.81 -02 49.3 20.4 | -1.04 - 4.3 | 2.3/28.8  | 43236 |
| 2002 AE <sub>160</sub> | 2008 09 30.4 | 00 27.82 +03 49.9 17.9 | -0.85 - 6.7 | 0.4/30.8  | 43144 |
| 2003 UP <sub>65</sub>  | 2008 09 30.4 | 00 27.83 -06 53.5 19.9 | -0.71 - 7.3 | 3.3/26.9  | 02180 |
| 2006 EZ <sub>41</sub>  | 2008 09 30.4 | 00 27.84 +12 40.6 21.0 | -0.80 - 6.3 | 2.8/03.8  | 21358 |
| 2006 DF <sub>35</sub>  | 2008 09 30.4 | 00 27.85 -00 01.1 20.7 | -0.69 - 7.7 | 0.9/29.4  | 42802 |
| 1999 AF <sub>35</sub>  | 2008 09 30.4 | 00 27.88 -05 25.4 19.6 | -0.91 - 8.3 | 3.7/27.6  | 97343 |
| 2000 GA <sub>53</sub>  | 2008 09 30.4 | 00 27.88 +07 34.3 19.0 | -0.88 - 9.3 | 1.9/02.1  | 43105 |
| 2006 DL <sub>69</sub>  | 2008 09 30.4 | 00 27.89 +00 49.0 20.4 | -0.80 - 4.4 | 0.7/29.8  | 43261 |
| 2005 YU <sub>24</sub>  | 2008 09 30.4 | 00 27.90 +06 11.5 20.4 | -0.96 - 6.1 | 1.2/01.5  | 43247 |
| 2004 TA <sub>208</sub> | 2008 09 30.4 | 00 27.92 -14 35.0 20.3 | -1.15 + 0.6 | 7.9/25.6  | 74406 |
| 2005 UM <sub>190</sub> | 2008 09 30.5 | 00 27.85 +05 48.7 20.0 | -0.97 - 7.3 | 1.2/01.4  | 18144 |
| 2006 FD <sub>54</sub>  | 2008 09 30.5 | 00 27.86 +03 39.7 20.3 | -0.85 - 2.5 | 0.2/30.7  | 43266 |
| 2001 XJ <sub>157</sub> | 2008 09 30.5 | 00 27.86 -05 40.6 18.5 | -0.85 - 5.6 | 4.0/27.6  | 94371 |
| 2001 AG <sub>11</sub>  | 2008 09 30.5 | 00 27.86 -01 34.6 18.2 | -0.82 - 8.9 | 2.0/28.9  | 43117 |
| 2007 HG <sub>90</sub>  | 2008 09 30.5 | 00 27.86 +09 05.7 20.0 | -0.79 - 9.8 | 2.0/03.0  | 43283 |
| 2004 VV <sub>15</sub>  | 2008 09 30.5 | 00 27.87 -14 24.2 18.8 | -0.76 -10.4 | 6.5/23.6  | 43222 |
| 2007 JX <sub>24</sub>  | 2008 09 30.5 | 00 27.88 +01 57.2 19.2 | -0.84 - 5.7 | 0.4/30.2  | 43283 |
| 2005 CT <sub>56</sub>  | 2008 09 30.5 | 00 27.89 -01 56.0 19.7 | -0.75 - 5.0 | 1.6/28.9  | 02243 |
| 2004 VJ <sub>13</sub>  | 2008 09 30.5 | 00 27.90 -26 48.9 19.9 | -1.03 - 2.2 | 10.7/20.0 | 74428 |
| 2002 PJ <sub>31</sub>  | 2008 09 30.5 | 00 27.92 -12 18.7 19.4 | -0.66 - 8.6 | 4.9/24.6  | 75423 |
| 2002 AW <sub>50</sub>  | 2008 09 30.5 | 00 27.92 -01 58.7 20.4 | -0.90 - 6.4 | 1.8/28.9  | 97546 |
| 2004 TZ <sub>73</sub>  | 2008 09 30.5 | 00 27.93 +04 59.1 18.3 | -0.82 - 3.2 | 0.9/01.1  | 43215 |
| 2001 QX <sub>330</sub> | 2008 09 30.5 | 00 27.93 +15 41.5 18.5 | -0.91 - 6.8 | 5.6/04.9  | 42587 |
| 2007 EZ <sub>135</sub> | 2008 09 30.5 | 00 27.95 +01 07.5 20.7 | -0.92 - 8.7 | 0.7/29.9  | 42877 |

|                        |              |                        |             |           |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 PC <sub>12</sub>  | 2008 09 30.5 | 00 27.98 +02 34.4 19.5 | -0.71 - 6.6 | 0.2/30.4  | 43157 | 2007 HA <sub>25</sub>  | 2008 09 30.6 | 00 28.56 -00 18.8 21.7 | -0.93 - 6.3 | 1.2/29.6  | 20637 |
| 2005 UD <sub>473</sub> | 2008 09 30.5 | 00 27.99 +01 54.1 20.5 | -0.99 - 5.1 | 0.4/30.2  | 43241 | 2001 SB <sub>140</sub> | 2008 09 30.6 | 00 28.57 +03 30.2 19.0 | -0.81 - 9.7 | 0.2/30.8  | 43127 |
| 2005 YH <sub>77</sub>  | 2008 09 30.5 | 00 28.00 +00 58.7 20.5 | -0.91 - 5.3 | 0.7/29.9  | 43247 | 2006 DZ <sub>69</sub>  | 2008 09 30.6 | 00 28.60 +01 13.0 21.0 | -0.76 - 4.7 | 0.5/30.1  | 02293 |
| 2004 YP <sub>22</sub>  | 2008 09 30.5 | 00 28.04 +01 02.9 19.5 | -0.75 - 5.2 | 0.6/29.9  | 77797 | 2006 HJ <sub>17</sub>  | 2008 09 30.6 | 00 28.60 +11 44.4 20.0 | -0.78 - 9.5 | 2.7/03.9  | 43267 |
| 2003 HV <sub>35</sub>  | 2008 09 30.5 | 00 28.04 -13 17.8 20.8 | -0.94 - 4.7 | 5.4/25.3  | 94992 | 2002 CT <sub>241</sub> | 2008 09 30.6 | 00 28.63 +07 41.0 20.7 | -0.88 - 5.3 | 1.5/02.2  | 94643 |
| 2001 YL <sub>152</sub> | 2008 09 30.5 | 00 28.05 -03 27.8 19.0 | -0.94 - 3.4 | 2.1/28.6  | 21310 | 2007 JK <sub>9</sub>   | 2008 09 30.7 | 00 28.58 -04 22.5 19.7 | -0.85 - 6.6 | 2.6/28.2  | 20669 |
| 2007 JK <sub>16</sub>  | 2008 09 30.5 | 00 28.05 -20 10.7 20.1 | -0.84 - 5.6 | 7.4/22.6  | 22890 | 2007 HK <sub>1</sub>   | 2008 09 30.7 | 00 28.59 +04 28.4 19.9 | -0.88 - 5.5 | 0.5/01.2  | 43281 |
| 2003 FV <sub>78</sub>  | 2008 09 30.5 | 00 28.06 +05 30.1 20.8 | -0.92 - 6.4 | 0.9/01.4  | 97646 | 2007 LK <sub>33</sub>  | 2008 09 30.7 | 00 28.60 +05 53.5 20.3 | -0.69 -11.2 | 0.8/01.8  | 26775 |
| 2001 BR <sub>71</sub>  | 2008 09 30.5 | 00 28.06 -05 31.4 18.7 | -0.80 - 6.4 | 2.9/27.6  | 43118 | 2001 FB <sub>172</sub> | 2008 09 30.7 | 00 28.60 -28 59.5 19.5 | -0.90 - 0.7 | 8.7/20.4  | 02034 |
| 2003 GJ <sub>16</sub>  | 2008 09 30.5 | 00 28.08 -08 05.2 20.9 | -0.93 - 5.9 | 3.9/27.0  | 21793 | 2006 DS <sub>28</sub>  | 2008 09 30.7 | 00 28.66 +00 24.8 20.9 | -0.74 - 4.5 | 0.7/29.8  | 43259 |
| 1999 TX <sub>320</sub> | 2008 09 30.5 | 00 28.08 +06 24.3 19.2 | -0.95 - 3.1 | 1.1/01.5  | 72008 | 2003 AG <sub>80</sub>  | 2008 09 30.7 | 00 28.69 -34 18.1 20.0 | -1.09 - 1.6 | 11.4/18.7 | 21324 |
| 2002 GJ <sub>155</sub> | 2008 09 30.5 | 00 28.13 -05 36.9 20.5 | -0.82 - 5.6 | 2.8/27.7  | 94757 | 2007 EA <sub>49</sub>  | 2008 09 30.7 | 00 28.70 +01 13.1 20.7 | -0.89 - 7.9 | 0.7/30.1  | 43275 |
| 2002 RJ <sub>160</sub> | 2008 09 30.5 | 00 28.13 +20 28.8 20.3 | -0.95 - 1.2 | 4.6/05.9  | 43162 | 2003 HG <sub>20</sub>  | 2008 09 30.7 | 00 28.72 +06 21.9 19.7 | -0.85 - 8.1 | 1.1/01.9  | 20779 |
| 2006 BR <sub>207</sub> | 2008 09 30.5 | 00 28.17 -13 38.5 20.6 | -0.81 - 7.6 | 5.3/24.6  | 97116 | 2003 DW <sub>8</sub>   | 2008 09 30.7 | 00 28.72 -02 19.2 20.6 | -0.92 - 5.8 | 1.8/29.0  | 20775 |
| 2007 DU <sub>106</sub> | 2008 09 30.5 | 00 28.17 +03 19.5 20.4 | -0.96 - 6.1 | 0.1/30.7  | 24149 | 2003 SM <sub>74</sub>  | 2008 09 30.7 | 00 28.79 +06 11.8 19.9 | -0.79 - 5.4 | 1.0/01.8  | 43177 |
| 2003 SD <sub>254</sub> | 2008 09 30.5 | 00 28.19 +13 58.2 19.7 | -0.84 - 3.9 | 3.3/04.2  | 43181 | 2002 CA <sub>245</sub> | 2008 09 30.7 | 00 28.80 +27 43.9 19.7 | -0.96 - 3.9 | 7.3/09.4  | 97573 |
| 2004 BG <sub>4</sub>   | 2008 09 30.5 | 00 28.20 +42 38.8 18.7 | -1.50 + 5.8 | 20.7/11.7 | 86222 | 2007 LM <sub>37</sub>  | 2008 09 30.7 | 00 28.80 +00 10.4 21.4 | -0.78 - 7.0 | 0.9/29.7  | 22594 |
| 2002 ND <sub>61</sub>  | 2008 09 30.6 | 00 28.21 -22 47.8 19.5 | -0.75 - 4.7 | 7.4/21.2  | 22706 | 2004 NS <sub>15</sub>  | 2008 09 30.7 | 00 28.80 +01 15.6 18.8 | -0.88 - 7.3 | 0.8/30.1  | 43202 |
| 2004 XF <sub>5</sub>   | 2008 09 30.6 | 00 28.21 +06 13.2 19.4 | -0.88 - 4.5 | 1.4/01.6  | 73589 | 2004 VL <sub>5</sub>   | 2008 09 30.7 | 00 28.83 -05 18.6 18.2 | -1.08 + 2.1 | 3.8/28.8  | 43221 |
| 2001 PJ <sub>19</sub>  | 2008 09 30.6 | 00 28.22 -08 11.2 18.9 | -1.01 - 2.7 | 5.2/27.4  | 43121 | 2006 GM <sub>23</sub>  | 2008 09 30.7 | 00 28.84 +04 54.4 20.0 | -0.69 - 7.2 | 0.5/01.4  | 43266 |
| 2002 QN <sub>98</sub>  | 2008 09 30.6 | 00 28.23 +11 33.4 19.9 | -0.84 - 2.7 | 2.7/03.2  | 03367 | 1999 VC <sub>40</sub>  | 2008 09 30.7 | 00 28.84 -03 41.3 19.4 | -0.88 - 2.7 | 2.7/28.7  | 21295 |
| 2002 GM <sub>14</sub>  | 2008 09 30.6 | 00 28.24 +11 12.5 20.3 | -0.79 - 8.0 | 2.4/03.5  | 02091 | 2001 QS <sub>171</sub> | 2008 09 30.7 | 00 28.85 -01 43.8 18.6 | -0.95 - 2.8 | 2.4/29.4  | 43123 |
| 2006 EH <sub>43</sub>  | 2008 09 30.6 | 00 28.25 -00 26.1 19.4 | -0.77 - 6.6 | 1.4/29.4  | 43265 | 2005 YT <sub>66</sub>  | 2008 09 30.7 | 00 28.85 -07 10.8 21.4 | -0.84 - 5.9 | 3.3/27.3  | 98043 |
| 2003 GM <sub>32</sub>  | 2008 09 30.6 | 00 28.26 -01 21.6 20.2 | -0.89 - 7.2 | 1.5/29.1  | 43171 | 2005 GW <sub>111</sub> | 2008 09 30.7 | 00 28.86 -14 00.9 20.3 | -0.61 - 3.2 | 3.7/24.8  | 22790 |
| 2004 XX <sub>97</sub>  | 2008 09 30.6 | 00 28.26 +20 39.2 19.7 | -0.86 - 3.6 | 5.6/06.4  | 77795 | 2001 TW <sub>7</sub>   | 2008 09 30.7 | 00 28.87 -11 51.9 18.6 | -1.07 + 1.6 | 7.6/26.9  | 20747 |
| 2000 YB <sub>28</sub>  | 2008 09 30.6 | 00 28.29 -05 26.0 18.7 | -0.52 -17.1 | 3.9/26.8  | 43116 | 2000 SL <sub>212</sub> | 2008 09 30.7 | 00 28.89 -16 10.1 18.5 | -1.08 + 1.2 | 8.4/25.6  | 43110 |
| 2000 UY <sub>5</sub>   | 2008 09 30.6 | 00 28.29 -39 14.7 19.3 | -1.36 + 1.0 | 13.3/15.4 | 02013 | 1999 XQ <sub>145</sub> | 2008 09 30.7 | 00 28.89 -02 10.7 20.3 | -0.81 - 4.8 | 1.7/29.1  | 93790 |
| 2002 OH <sub>2</sub>   | 2008 09 30.6 | 00 28.32 +20 37.4 19.1 | -0.75 - 5.5 | 5.6/07.0  | 56399 | 2003 FY <sub>52</sub>  | 2008 09 30.7 | 00 28.90 -08 23.0 21.2 | -0.98 - 3.4 | 3.9/27.4  | 85983 |
| 2002 CB <sub>130</sub> | 2008 09 30.6 | 00 28.34 -01 42.9 19.6 | -0.79 - 7.5 | 1.5/29.0  | 21776 | 2000 GV <sub>130</sub> | 2008 09 30.7 | 00 28.90 +03 30.2 21.7 | -0.93 - 7.5 | 0.1/30.9  | 31158 |
| 2003 FV <sub>67</sub>  | 2008 09 30.6 | 00 28.36 -05 31.8 20.8 | -1.22 + 0.1 | 3.0/28.5  | 48351 | 2007 JY <sub>18</sub>  | 2008 09 30.7 | 00 28.92 -01 40.5 20.9 | -0.91 - 6.7 | 1.7/29.2  | 43283 |
| 2001 XQ <sub>240</sub> | 2008 09 30.6 | 00 28.36 +09 26.8 19.4 | -0.95 - 5.1 | 2.4/02.6  | 43141 | 2004 RW <sub>198</sub> | 2008 09 30.7 | 00 28.93 +07 27.0 19.6 | -0.93 - 4.4 | 1.7/02.1  | 43210 |
| 2001 UO <sub>64</sub>  | 2008 09 30.6 | 00 28.38 +17 48.4 19.1 | -1.06 - 3.9 | 6.2/05.3  | 43133 | 2004 TD <sub>244</sub> | 2008 09 30.7 | 00 28.94 -03 57.2 19.5 | -0.93 - 2.8 | 2.9/28.7  | 19641 |
| 2002 PU <sub>110</sub> | 2008 09 30.6 | 00 28.40 -07 11.6 18.9 | -0.56 -12.1 | 3.8/26.4  | 42617 | 2000 TU <sub>67</sub>  | 2008 09 30.7 | 00 28.95 -04 07.3 19.3 | -1.00 - 1.0 | 3.1/28.8  | 19530 |
| 2004 XH <sub>45</sub>  | 2008 09 30.6 | 00 28.41 +10 41.9 19.1 | -0.85 - 6.1 | 3.1/03.0  | 43225 | 2001 VP <sub>113</sub> | 2008 09 30.7 | 00 29.00 +00 29.9 19.9 | -0.94 - 5.4 | 0.9/30.0  | 43136 |
| 2002 GY <sub>81</sub>  | 2008 09 30.6 | 00 28.42 -02 44.8 19.7 | -0.79 - 6.5 | 1.9/28.7  | 02094 | 2003 WM <sub>140</sub> | 2008 09 30.8 | 00 28.92 -00 31.1 19.0 | -0.78 - 3.9 | 1.3/29.6  | 03575 |
| 2004 RH <sub>220</sub> | 2008 09 30.6 | 00 28.42 +27 01.8 18.3 | -1.07 - 0.6 | 9.1/07.7  | 02211 | 2002 PM <sub>157</sub> | 2008 09 30.8 | 00 28.94 +12 54.7 19.9 | -0.82 - 3.3 | 2.9/03.9  | 43158 |
| 2002 OQ <sub>1</sub>   | 2008 09 30.6 | 00 28.43 +18 18.5 18.4 | -0.73 - 6.1 | 5.1/06.2  | 43156 | 2001 RG <sub>57</sub>  | 2008 09 30.8 | 00 28.95 -00 18.7 19.5 | -0.84 - 3.1 | 1.8/29.8  | 94029 |
| 2002 CF <sub>309</sub> | 2008 09 30.6 | 00 28.43 -06 47.5 19.3 | -0.47 - 3.7 | 1.8/27.1  | 10862 | 2002 GQ <sub>90</sub>  | 2008 09 30.8 | 00 29.03 -03 39.3 18.7 | -0.88 - 3.5 | 2.4/28.7  | 22701 |
| 1999 BC <sub>5</sub>   | 2008 09 30.6 | 00 28.44 +22 26.1 19.1 | -0.91 - 0.8 | 5.6/06.5  | 77381 | 2003 UJ <sub>276</sub> | 2008 09 30.8 | 00 29.03 -22 38.5 19.5 | -0.94 - 1.2 | 8.2/22.4  | 58039 |
| 2007 FO <sub>41</sub>  | 2008 09 30.6 | 00 28.44 +03 56.4 19.4 | -1.07 - 2.3 | 0.4/30.9  | 43278 | 2003 UB <sub>200</sub> | 2008 09 30.8 | 00 29.06 +02 59.5 19.4 | -0.74 - 6.3 | 0.1/30.8  | 43190 |
| 1998 RP <sub>12</sub>  | 2008 09 30.6 | 00 28.44 +03 14.2 19.8 | -0.76 - 5.9 | 0.1/30.7  | 43094 | 2001 FU <sub>29</sub>  | 2008 09 30.8 | 00 29.10 +14 16.9 19.2 | -0.83 - 7.4 | 3.6/04.7  | 43119 |
| 2002 HN <sub>14</sub>  | 2008 09 30.6 | 00 28.46 +03 09.6 20.6 | -0.76 - 7.4 | 0.0/30.7  | 43154 | 2001 SY <sub>30</sub>  | 2008 09 30.8 | 00 29.12 -01 05.4 19.8 | -0.81 - 7.3 | 2.0/29.4  | 43126 |
| 2004 FL <sub>122</sub> | 2008 09 30.6 | 00 28.49 +06 53.5 19.3 | -0.58 - 5.1 | 0.9/02.0  | 43199 | 2007 EW <sub>155</sub> | 2008 09 30.8 | 00 29.14 +12 14.4 19.1 | -0.93 - 5.5 | 3.6/03.8  | 43277 |
| 2002 GA <sub>139</sub> | 2008 09 30.6 | 00 28.49 -22 38.7 20.3 | -0.55 - 1.4 | 4.4/21.5  | 48230 | 2003 XF <sub>15</sub>  | 2008 09 30.8 | 00 29.16 +37 32.1 19.4 | -1.23 - 5.4 | 14.9/13.7 | 22765 |
| 2000 SC <sub>24</sub>  | 2008 09 30.6 | 00 28.49 -11 24.1 18.4 | -1.72 + 9.3 | 7.7/28.8  | 43108 | 2004 SB <sub>18</sub>  | 2008 09 30.8 | 00 29.16 -17 18.9 17.7 | -0.60 - 8.3 | 9.7/22.4  | 41815 |
| 2002 RJ <sub>242</sub> | 2008 09 30.6 | 00 28.50 +14 58.6 20.7 | -0.79 - 3.2 | 3.2/04.5  | 43162 | 2003 TN <sub>30</sub>  | 2008 09 30.8 | 00 29.17 -00 28.2 20.0 | -0.79 - 4.3 | 1.2/29.7  | 43184 |
| 2001 YA <sub>82</sub>  | 2008 09 30.6 | 00 28.51 +18 39.8 19.1 | -1.01 - 3.9 | 6.0/05.4  | 43142 | 2001 QX <sub>107</sub> | 2008 09 30.8 | 00 29.19 -06 12.7 18.4 | -0.80 - 7.9 | 4.4/27.6  | 43122 |
| 2003 YT <sub>125</sub> | 2008 09 30.6 | 00 28.51 -10 26.2 19.1 | -0.86 - 1.8 | 4.6/26.5  | 43197 | 2003 WQ <sub>148</sub> | 2008 09 30.8 | 00 29.20 -41 24.2 20.0 | -0.96 - 0.4 | 11.8/13.3 | 02195 |
| 2004 PS <sub>63</sub>  | 2008 09 30.6 | 00 28.51 +11 58.0 19.2 | -0.97 - 3.3 | 3.9/03.4  | 43204 | 2006 EG <sub>17</sub>  | 2008 09 30.8 | 00 29.21 +00 51.6 20.0 | -0.68 - 6.3 | 0.6/30.1  | 43264 |
| 2002 TN <sub>350</sub> | 2008 09 30.6 | 00 28.54 +13 14.7 21.0 | -0.71 - 6.0 | 2.7/04.3  | 43165 | 1999 VZ <sub>164</sub> | 2008 09 30.8 | 00 29.26 +01 10.7 19.7 | -0.86 - 4.7 | 0.7/30.2  | 43101 |
| 2001 AB <sub>34</sub>  | 2008 09 30.6 | 00 28.54 -06 54.9 19.0 | -0.89 - 4.3 | 3.9/27.5  | 43117 | 2002 OW <sub>20</sub>  | 2008 09 30.8 | 00 29.26 -00 25.4 18.2 | -0.72 - 4.8 | 1.3/29.7  | 43157 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 GO <sub>12</sub>  | 2008 09 30.8 | 00 29.27 +05 49.2 19.7 | -0.99 - 5.2 | 1.0/01.7  | 43171 |
| 2004 SP <sub>17</sub>  | 2008 09 30.8 | 00 29.29 -15 20.2 18.5 | -0.90 - 3.7 | 7.8/25.2  | 20802 |
| 2001 SX <sub>26</sub>  | 2008 09 30.8 | 00 29.29 +03 24.4 18.2 | -0.91 - 3.0 | 0.1/31.0  | 43126 |
| 2006 DH <sub>152</sub> | 2008 09 30.8 | 00 29.30 +02 54.8 19.6 | -0.78 - 7.6 | 0.1/30.8  | 43263 |
| 2002 PP <sub>174</sub> | 2008 09 30.8 | 00 29.32 -14 17.9 19.6 | -0.74 - 5.2 | 5.3/24.7  | 00318 |
| 2007 LD <sub>16</sub>  | 2008 09 30.8 | 00 29.33 -05 34.0 20.4 | -0.71 - 7.6 | 2.9/27.8  | 22593 |
| 2002 FS <sub>26</sub>  | 2008 09 30.8 | 00 29.34 -01 15.5 19.6 | -1.00 - 1.7 | 1.5/29.7  | 43152 |
| 2001 KF <sub>74</sub>  | 2008 09 30.9 | 00 29.29 -12 46.1 20.6 | -0.72 - 4.5 | 4.0/25.5  | 21304 |
| 2004 OW <sub>9</sub>   | 2008 09 30.9 | 00 29.33 +06 44.7 19.2 | -1.04 - 3.2 | 1.5/01.9  | 43203 |
| 2004 TH <sub>107</sub> | 2008 09 30.9 | 00 29.34 +03 32.2 18.7 | -0.75 -12.4 | 0.1/01.1  | 43216 |
| 2000 CS <sub>140</sub> | 2008 09 30.9 | 00 29.34 +09 55.4 19.2 | -0.50 - 2.9 | 1.2/03.3  | 43103 |
| 2002 GR <sub>126</sub> | 2008 09 30.9 | 00 29.37 +07 10.3 21.6 | -0.86 - 5.9 | 1.2/02.2  | 24357 |
| 2004 TA <sub>217</sub> | 2008 09 30.9 | 00 29.37 +06 13.4 20.2 | -0.86 - 6.6 | 1.2/01.9  | 04309 |
| 2006 FR <sub>36</sub>  | 2008 09 30.9 | 00 29.37 +04 39.5 19.7 | -0.89 - 3.1 | 0.5/01.4  | 43266 |
| 2003 XR <sub>8</sub>   | 2008 09 30.9 | 00 29.40 +43 55.3 17.5 | -1.02 - 2.1 | 13.9/19.4 | 40118 |
| 2002 AY <sub>129</sub> | 2008 09 30.9 | 00 29.40 -35 25.3 19.5 | -1.19 + 1.3 | 11.1/19.5 | 94519 |
| 2000 GB <sub>12</sub>  | 2008 09 30.9 | 00 29.41 +04 40.5 19.8 | -0.70 - 5.7 | 0.4/01.4  | 43105 |
| 2001 UJ <sub>186</sub> | 2008 09 30.9 | 00 29.41 +15 50.9 18.5 | -0.93 - 6.8 | 5.4/05.3  | 42600 |
| 2002 UV <sub>51</sub>  | 2008 09 30.9 | 00 29.42 +12 52.8 19.5 | -0.67 - 9.5 | 3.2/04.7  | 42629 |
| 2004 YK <sub>24</sub>  | 2008 09 30.9 | 00 29.48 +07 11.4 20.4 | -0.79 - 4.8 | 1.2/02.3  | 43227 |
| 2004 TX <sub>238</sub> | 2008 09 30.9 | 00 29.49 +05 22.2 19.9 | -0.85 - 5.6 | 0.7/01.7  | 43218 |
| 2004 TM <sub>66</sub>  | 2008 09 30.9 | 00 29.52 -11 31.2 18.9 | -0.93 - 2.7 | 5.5/26.5  | 43215 |
| 2002 CS <sub>208</sub> | 2008 09 30.9 | 00 29.52 -01 22.2 21.9 | -0.84 - 5.4 | 1.3/29.5  | 97571 |
| 2006 BN <sub>7</sub>   | 2008 09 30.9 | 00 29.53 -42 08.3 22.0 | -1.07 - 2.3 | 11.4/13.0 | 01225 |
| 2003 CD <sub>15</sub>  | 2008 09 30.9 | 00 29.55 -06 21.5 19.9 | -0.96 - 6.5 | 4.1/27.8  | 20775 |
| 2003 WF <sub>35</sub>  | 2008 09 30.9 | 00 29.55 +13 42.3 19.4 | -0.86 - 2.4 | 3.4/04.2  | 43193 |
| 2004 TH <sub>144</sub> | 2008 09 30.9 | 00 29.56 -07 24.1 19.1 | -1.02 - 1.0 | 3.9/28.1  | 43217 |
| 2005 YQ <sub>239</sub> | 2008 09 30.9 | 00 29.57 -14 26.3 22.3 | -0.81 - 5.6 | 4.9/24.9  | 96864 |
| 2005 EW <sub>42</sub>  | 2008 09 30.9 | 00 29.58 -07 32.4 20.4 | -0.57 - 5.2 | 2.3/27.1  | 26731 |
| 2001 TY <sub>122</sub> | 2008 09 30.9 | 00 29.59 -06 13.2 18.3 | -1.13 - 1.1 | 4.0/28.5  | 02046 |
| 2007 HO <sub>82</sub>  | 2008 09 30.9 | 00 29.60 -01 40.9 19.3 | -0.66 -10.4 | 1.5/29.1  | 43282 |
| 2003 OA <sub>30</sub>  | 2008 09 30.9 | 00 29.61 +11 52.4 18.0 | -0.89 + 0.8 | 4.1/03.4  | 43173 |
| 2004 RV <sub>157</sub> | 2008 09 30.9 | 00 29.64 +12 55.3 19.9 | -0.92 - 6.0 | 3.6/04.2  | 43209 |
| 2002 RU <sub>173</sub> | 2008 09 30.9 | 00 29.64 +01 37.3 19.5 | -0.66 - 8.1 | 0.5/30.4  | 00348 |
| 2006 HH <sub>88</sub>  | 2008 09 30.9 | 00 29.66 +04 05.3 20.7 | -0.76 - 4.8 | 0.3/01.3  | 01705 |
| 2004 MV <sub>5</sub>   | 2008 09 30.9 | 00 29.70 +11 40.1 19.9 | -1.00 - 5.7 | 3.1/03.7  | 43202 |
| 2001 YZ <sub>59</sub>  | 2008 09 30.9 | 00 29.70 +00 55.8 18.4 | -0.95 - 4.0 | 1.0/30.3  | 43142 |
| 1997 ES <sub>31</sub>  | 2008 10 01.0 | 00 29.65 +04 21.6 19.5 | -1.10 - 2.7 | 0.5/01.3  | 43093 |
| 2003 FM <sub>58</sub>  | 2008 10 01.0 | 00 29.70 -02 08.6 19.8 | -0.95 - 6.4 | 2.0/29.3  | 43169 |
| 2003 ES <sub>26</sub>  | 2008 10 01.0 | 00 29.71 +03 18.3 20.4 | -0.99 - 4.9 | 0.0/01.0  | 97640 |
| 2005 UF <sub>506</sub> | 2008 10 01.0 | 00 29.75 -07 10.5 18.8 | -0.78 - 6.3 | 3.7/27.4  | 43241 |
| 2004 XL <sub>8</sub>   | 2008 10 01.0 | 00 29.79 -09 51.2 19.1 | -0.87 - 4.0 | 4.6/26.8  | 73595 |
| 2003 LH <sub>2</sub>   | 2008 10 01.0 | 00 29.80 -25 29.5 19.5 | -0.91 - 2.5 | 11.0/21.9 | 43172 |
| 2003 TS                | 2008 10 01.0 | 00 29.82 +10 50.7 19.2 | -0.89 - 2.0 | 2.6/03.3  | 43184 |
| 2005 EM <sub>23</sub>  | 2008 10 01.0 | 00 29.83 +00 49.0 20.0 | -0.71 - 6.0 | 0.7/30.2  | 43230 |
| 2003 KR <sub>3</sub>   | 2008 10 01.0 | 00 29.84 -20 10.1 20.9 | -1.06 - 0.3 | 7.6/24.7  | 20780 |
| 2007 KS <sub>3</sub>   | 2008 10 01.0 | 00 29.84 -16 19.5 20.1 | -0.98 - 1.4 | 7.1/25.5  | 42886 |
| 2004 XO <sub>103</sub> | 2008 10 01.0 | 00 29.85 +06 08.4 19.4 | -0.80 - 6.5 | 1.0/02.0  | 43226 |
| 2006 BS <sub>80</sub>  | 2008 10 01.0 | 00 29.87 +08 58.7 18.9 | -1.02 0.0   | 2.2/02.6  | 43254 |
| 2004 XD <sub>97</sub>  | 2008 10 01.0 | 00 29.88 -23 16.4 20.0 | -0.78 - 3.3 | 7.6/21.9  | 02232 |
| 2000 BY <sub>34</sub>  | 2008 10 01.0 | 00 29.90 -36 01.3 19.8 | -0.82 - 2.7 | 8.9/15.9  | 01993 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 FH <sub>139</sub> | 2008 10 01.0 | 00 29.91 +04 15.5 20.2 | -0.80 - 4.7 | 0.3/01.4  | 43120 |
| 2003 GJ <sub>11</sub>  | 2008 10 01.0 | 00 29.92 +05 47.0 21.4 | -0.97 - 6.5 | 0.9/01.9  | 94969 |
| 2001 RT <sub>28</sub>  | 2008 10 01.0 | 00 29.97 +05 30.4 19.1 | -0.94 - 3.8 | 1.1/01.8  | 20744 |
| 2004 PJ <sub>73</sub>  | 2008 10 01.0 | 00 30.05 +20 15.6 19.6 | -1.13 - 1.7 | 6.6/06.0  | 19618 |
| 2003 FX <sub>107</sub> | 2008 10 01.0 | 00 30.05 +11 09.9 20.4 | -0.91 - 6.2 | 2.6/03.7  | 24392 |
| 2001 QM <sub>226</sub> | 2008 10 01.0 | 00 30.06 +20 15.3 19.8 | -1.12 - 2.2 | 7.7/06.3  | 25927 |
| 2003 FM <sub>92</sub>  | 2008 10 01.0 | 00 30.09 -03 42.0 19.2 | -1.00 - 3.2 | 2.6/29.1  | 18049 |
| 2001 TE <sub>88</sub>  | 2008 10 01.1 | 00 30.01 +08 50.2 19.5 | -0.95 - 3.2 | 2.7/02.8  | 97481 |
| 2004 SZ <sub>60</sub>  | 2008 10 01.1 | 00 30.01 +16 25.3 20.0 | -0.79 -12.2 | 4.8/06.4  | 43214 |
| 2003 ES <sub>45</sub>  | 2008 10 01.1 | 00 30.01 +08 12.1 20.7 | -0.97 - 4.9 | 1.7/02.6  | 43169 |
| 2003 UG <sub>54</sub>  | 2008 10 01.1 | 00 30.04 +06 14.1 19.0 | -0.86 - 2.3 | 0.9/02.0  | 43186 |
| 2000 SD <sub>137</sub> | 2008 10 01.1 | 00 30.08 +13 44.6 17.6 | -0.80 - 4.0 | 5.1/04.6  | 43109 |
| 2005 WW <sub>170</sub> | 2008 10 01.1 | 00 30.08 -11 36.4 20.0 | -0.95 - 4.3 | 5.5/26.5  | 19253 |
| 2002 CF <sub>69</sub>  | 2008 10 01.1 | 00 30.09 +00 19.9 20.0 | -0.93 - 5.4 | 1.1/30.2  | 43146 |
| 2004 GL <sub>39</sub>  | 2008 10 01.1 | 00 30.09 -06 58.5 18.3 | -1.12 + 0.8 | 5.1/28.7  | 66360 |
| 2005 AR <sub>49</sub>  | 2008 10 01.1 | 00 30.10 +19 03.8 20.1 | -0.82 - 4.6 | 4.9/06.5  | 77803 |
| 2006 BC <sub>109</sub> | 2008 10 01.1 | 00 30.13 -04 34.3 20.2 | -0.86 - 5.9 | 3.0/28.6  | 01252 |
| 2003 UD <sub>232</sub> | 2008 10 01.1 | 00 30.15 -03 34.3 20.2 | -0.85 - 2.6 | 2.1/29.1  | 00643 |
| 2003 WF <sub>50</sub>  | 2008 10 01.1 | 00 30.15 -00 17.7 19.5 | -0.83 - 2.3 | 1.1/30.1  | 43193 |
| 2007 GD <sub>27</sub>  | 2008 10 01.1 | 00 30.17 -06 17.8 20.6 | -0.89 - 4.7 | 3.1/28.1  | 22886 |
| 2002 OF <sub>29</sub>  | 2008 10 01.1 | 00 30.18 +13 47.8 20.3 | -0.72 - 6.1 | 3.2/04.9  | 43157 |
| 2002 OG <sub>16</sub>  | 2008 10 01.1 | 00 30.18 -19 10.4 18.5 | -0.66 - 8.8 | 7.6/22.1  | 77611 |
| 2000 SP <sub>232</sub> | 2008 10 01.1 | 00 30.18 +13 02.1 18.2 | -0.73 -27.1 | 4.3/05.6  | 17403 |
| 2003 YB <sub>126</sub> | 2008 10 01.1 | 00 30.20 -16 51.3 18.8 | -0.88 - 0.5 | 6.8/25.1  | 00695 |
| 2000 VR <sub>11</sub>  | 2008 10 01.1 | 00 30.21 -03 09.7 18.7 | -0.88 - 2.9 | 3.0/29.2  | 43113 |
| 2006 DH <sub>14</sub>  | 2008 10 01.1 | 00 30.24 -09 59.7 20.4 | -0.80 - 5.7 | 3.9/26.6  | 11159 |
| 2004 RS <sub>177</sub> | 2008 10 01.1 | 00 30.27 +14 04.3 19.4 | -0.92 - 5.0 | 4.3/04.6  | 43209 |
| 2006 BW <sub>162</sub> | 2008 10 01.1 | 00 30.27 -04 16.8 19.4 | -0.80 - 6.3 | 2.7/28.6  | 43256 |
| 2002 AM <sub>143</sub> | 2008 10 01.1 | 00 30.28 +03 20.8 20.2 | -0.86 - 6.1 | 0.0/01.2  | 43144 |
| 2007 GU <sub>74</sub>  | 2008 10 01.1 | 00 30.29 -11 23.1 18.5 | -1.06 + 1.6 | 5.9/27.6  | 41872 |
| 2002 JN <sub>7</sub>   | 2008 10 01.1 | 00 30.30 +00 08.4 19.7 | -0.76 - 7.6 | 1.0/30.1  | 43154 |
| 2002 CX <sub>65</sub>  | 2008 10 01.1 | 00 30.31 -07 38.7 19.2 | -0.98 - 2.2 | 4.0/28.0  | 43146 |
| 2003 QZ <sub>7</sub>   | 2008 10 01.1 | 00 30.32 +07 24.5 19.8 | -0.83 - 5.1 | 1.4/02.5  | 43174 |
| 2005 AK <sub>34</sub>  | 2008 10 01.1 | 00 30.32 +15 16.9 20.7 | -0.77 - 4.3 | 3.2/05.2  | 97778 |
| 2007 ET <sub>29</sub>  | 2008 10 01.1 | 00 30.33 -03 32.0 19.4 | -0.95 - 5.7 | 3.0/29.0  | 43275 |
| 2007 GW <sub>61</sub>  | 2008 10 01.1 | 00 30.34 -00 28.7 21.0 | -0.89 - 6.5 | 1.3/30.0  | 20870 |
| 2000 FW <sub>23</sub>  | 2008 10 01.1 | 00 30.34 -10 34.5 20.0 | -0.96 - 5.7 | 4.8/26.8  | 17910 |
| 2007 HZ <sub>94</sub>  | 2008 10 01.1 | 00 30.35 +06 12.3 20.6 | -0.83 - 6.8 | 1.0/02.2  | 40180 |
| 2004 RN <sub>14</sub>  | 2008 10 01.1 | 00 30.37 +07 45.0 19.8 | -0.91 - 6.8 | 1.7/03.0  | 43206 |
| 2005 CH <sub>16</sub>  | 2008 10 01.1 | 00 30.40 +07 40.5 20.6 | -0.75 - 4.7 | 1.2/02.6  | 77810 |
| 2004 TN <sub>330</sub> | 2008 10 01.1 | 00 30.41 +05 33.2 19.7 | -0.81 - 8.0 | 0.8/02.0  | 43220 |
| 2006 KC <sub>18</sub>  | 2008 10 01.1 | 00 30.42 -12 07.3 21.1 | -0.73 - 5.4 | 4.3/25.8  | 01795 |
| 2004 BA <sub>58</sub>  | 2008 10 01.1 | 00 30.42 -30 19.7 18.7 | -0.85 -16.6 | 14.1/15.1 | 43198 |
| 2005 GE <sub>195</sub> | 2008 10 01.2 | 00 30.37 +01 57.2 20.6 | -0.74 - 4.8 | 0.4/30.8  | 97783 |
| 2001 UT <sub>134</sub> | 2008 10 01.2 | 00 30.38 +06 00.2 19.7 | -0.89 - 8.0 | 1.0/02.1  | 97495 |
| 2005 YH <sub>110</sub> | 2008 10 01.2 | 00 30.39 +04 44.9 20.7 | -0.89 - 6.7 | 0.5/01.7  | 43248 |
| 2007 PL <sub>45</sub>  | 2008 10 01.2 | 00 30.41 -19 25.9 19.3 | -0.54 - 1.8 | 4.2/23.2  | 33161 |
| 2001 XY <sub>89</sub>  | 2008 10 01.2 | 00 30.42 +04 33.3 20.2 | -0.94 - 5.4 | 0.6/01.6  | 43139 |
| 2006 JT <sub>63</sub>  | 2008 10 01.2 | 00 30.44 +02 38.6 20.0 | -0.82 - 6.5 | 0.2/01.0  | 43268 |
| 2002 CZ <sub>27</sub>  | 2008 10 01.2 | 00 30.48 +23 00.0 19.3 | -1.04 - 2.3 | 6.3/07.4  | 43145 |
| 2005 YQ <sub>153</sub> | 2008 10 01.2 | 00 30.53 +00 27.6 20.0 | -0.99 - 5.6 | 1.2/30.4  | 43248 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2002 RG <sub>193</sub> | 2008 10 01.2 | 00 30.54 +04 42.7 19.7 | -0.77 - 3.7 | 0.4/01.7 | 43162 |
| 2006 BZ <sub>44</sub>  | 2008 10 01.2 | 00 30.55 -06 57.3 19.6 | -0.74 - 8.6 | 3.6/27.5 | 43253 |
| 2001 VP <sub>80</sub>  | 2008 10 01.2 | 00 30.56 -01 32.7 19.1 | -1.03 - 3.0 | 2.0/29.9 | 43136 |
| 2000 GZ <sub>151</sub> | 2008 10 01.2 | 00 30.58 +04 30.0 20.9 | -0.71 - 4.2 | 0.3/01.6 | 43105 |
| 2005 XT <sub>2</sub>   | 2008 10 01.2 | 00 30.61 +15 01.4 18.7 | -0.98 - 4.3 | 5.7/04.9 | 42786 |
| 2001 ST <sub>168</sub> | 2008 10 01.2 | 00 30.62 +01 21.5 18.6 | -0.87 - 7.8 | 0.9/30.6 | 43128 |
| 2003 WH <sub>55</sub>  | 2008 10 01.2 | 00 30.64 +18 17.4 19.4 | -0.74 - 5.0 | 4.2/06.5 | 21337 |
| 2000 ER <sub>5</sub>   | 2008 10 01.2 | 00 30.65 +03 42.6 18.8 | -0.80 - 4.5 | 0.1/01.4 | 43104 |
| 2003 KP <sub>36</sub>  | 2008 10 01.2 | 00 30.65 -21 47.7 19.7 | -0.93 - 3.0 | 8.3/23.3 | 21328 |
| 2005 AH <sub>59</sub>  | 2008 10 01.2 | 00 30.66 -15 02.0 19.6 | -0.77 - 5.0 | 6.0/24.9 | 73800 |
| 2003 UA <sub>192</sub> | 2008 10 01.2 | 00 30.69 -03 58.0 19.3 | -0.87 - 1.8 | 2.3/29.1 | 43190 |
| 2001 SY <sub>144</sub> | 2008 10 01.2 | 00 30.72 +07 46.4 18.9 | -1.04 - 3.8 | 1.8/02.6 | 43127 |
| 2006 AJ <sub>6</sub>   | 2008 10 01.2 | 00 30.73 -04 51.9 20.0 | -0.88 - 8.5 | 3.0/28.4 | 96887 |
| 2006 FY <sub>51</sub>  | 2008 10 01.2 | 00 30.74 +18 38.6 19.9 | -0.70 - 6.8 | 3.8/07.0 | 01559 |
| 2006 HB <sub>95</sub>  | 2008 10 01.2 | 00 30.76 +01 18.4 20.2 | -0.78 - 7.1 | 0.6/30.6 | 42813 |
| 2006 DZ <sub>25</sub>  | 2008 10 01.2 | 00 30.78 +01 59.6 20.5 | -0.82 - 5.1 | 0.4/30.9 | 43259 |
| 2001 XK <sub>76</sub>  | 2008 10 01.2 | 00 30.81 +00 30.2 19.8 | -0.92 - 7.2 | 1.0/30.4 | 02053 |
| 2005 WW <sub>157</sub> | 2008 10 01.3 | 00 30.72 -06 10.7 20.2 | -0.94 - 5.9 | 3.5/28.2 | 01150 |
| 1999 FE <sub>42</sub>  | 2008 10 01.3 | 00 30.76 +06 11.3 21.0 | -0.70 - 4.3 | 0.7/02.3 | 43096 |
| 2006 BK <sub>65</sub>  | 2008 10 01.3 | 00 30.77 +01 21.9 22.0 | -0.83 - 5.1 | 0.6/30.7 | 01240 |
| 2002 RZ <sub>109</sub> | 2008 10 01.3 | 00 30.79 +12 04.3 18.3 | -0.75 - 4.2 | 2.7/04.2 | 43162 |
| 2006 BR <sub>128</sub> | 2008 10 01.3 | 00 30.80 +03 41.9 19.5 | -0.86 - 4.9 | 0.1/01.4 | 02278 |
| 2007 JP <sub>12</sub>  | 2008 10 01.3 | 00 30.82 -27 42.3 19.3 | -0.84 - 1.7 | 9.4/21.2 | 21230 |
| 2007 EP <sub>113</sub> | 2008 10 01.3 | 00 30.84 +06 16.2 19.7 | -0.94 - 8.0 | 1.1/02.3 | 22882 |
| 1995 SH <sub>78</sub>  | 2008 10 01.3 | 00 30.84 -00 54.9 20.1 | -0.87 - 4.3 | 1.4/30.0 | 93695 |
| 2006 AR <sub>92</sub>  | 2008 10 01.3 | 00 30.85 +07 05.4 20.3 | -0.88 - 5.1 | 1.3/02.5 | 96968 |
| 2003 XP <sub>13</sub>  | 2008 10 01.3 | 00 30.85 -10 42.9 17.2 | -0.50 - 5.6 | 6.8/25.8 | 58082 |
| 2004 XA <sub>97</sub>  | 2008 10 01.3 | 00 30.86 -11 49.8 18.7 | -0.82 - 3.5 | 5.3/26.4 | 73669 |
| 2007 DN <sub>102</sub> | 2008 10 01.3 | 00 30.87 +12 33.9 20.1 | -1.03 - 5.9 | 3.6/04.3 | 43274 |
| 2004 TR <sub>91</sub>  | 2008 10 01.3 | 00 30.87 +04 40.5 19.4 | -0.91 - 3.4 | 0.6/01.7 | 00802 |
| 2003 UU <sub>273</sub> | 2008 10 01.3 | 00 30.90 +08 04.7 19.2 | -0.67 - 9.3 | 1.4/03.1 | 43191 |
| 2003 TB <sub>59</sub>  | 2008 10 01.3 | 00 30.92 +09 23.6 20.2 | -0.82 - 2.8 | 1.8/03.2 | 10993 |
| 2007 HQ <sub>88</sub>  | 2008 10 01.3 | 00 30.93 -06 03.8 20.1 | -0.90 - 6.0 | 3.7/28.3 | 21694 |
| 2003 WO <sub>27</sub>  | 2008 10 01.3 | 00 30.95 +22 48.7 19.9 | -0.76 - 6.2 | 5.5/08.4 | 76197 |
| 2004 LG <sub>28</sub>  | 2008 10 01.3 | 00 30.97 +01 43.9 20.1 | -0.82 - 9.8 | 0.7/30.8 | 43202 |
| 2003 HH <sub>58</sub>  | 2008 10 01.3 | 00 30.98 +03 40.3 20.2 | -0.95 - 5.2 | 0.1/01.5 | 43172 |
| 2003 YE <sub>5</sub>   | 2008 10 01.3 | 00 30.98 +03 14.9 19.3 | -0.71 - 6.8 | 0.0/01.3 | 43196 |
| 2001 XR <sub>95</sub>  | 2008 10 01.3 | 00 30.98 +00 31.2 18.1 | -0.87 - 3.8 | 1.4/30.5 | 43139 |
| 2002 RP <sub>39</sub>  | 2008 10 01.3 | 00 30.98 -12 23.4 18.4 | -0.67 - 9.2 | 5.5/25.1 | 43161 |
| 2002 CV <sub>254</sub> | 2008 10 01.3 | 00 31.00 +21 35.1 20.1 | -0.91 - 5.1 | 5.8/07.6 | 08233 |
| 2001 TQ <sub>237</sub> | 2008 10 01.3 | 00 31.01 -04 11.6 19.6 | -0.89 - 7.6 | 3.2/28.8 | 43132 |
| 2007 DT <sub>25</sub>  | 2008 10 01.3 | 00 31.03 -00 08.9 20.4 | -1.01 - 6.3 | 1.5/30.3 | 16094 |
| 2002 CH <sub>200</sub> | 2008 10 01.3 | 00 31.03 +07 15.6 19.2 | -0.92 - 4.0 | 1.4/02.6 | 43147 |
| 2006 HT <sub>102</sub> | 2008 10 01.3 | 00 31.04 +10 33.8 20.9 | -0.70 - 6.4 | 1.8/03.9 | 43268 |
| 2002 RW <sub>243</sub> | 2008 10 01.3 | 00 31.06 +12 00.9 20.2 | -0.82 - 2.8 | 2.5/04.1 | 43163 |
| 2001 TN <sub>18</sub>  | 2008 10 01.3 | 00 31.06 -03 42.4 18.5 | -1.01 - 2.3 | 3.2/29.4 | 43130 |
| 2004 WV <sub>9</sub>   | 2008 10 01.3 | 00 31.10 +01 07.4 19.0 | -0.97 - 2.2 | 0.9/30.7 | 42729 |
| 2001 UK <sub>149</sub> | 2008 10 01.3 | 00 31.13 -08 26.3 19.2 | -1.00 - 2.5 | 5.1/28.0 | 43134 |
| 2004 TO <sub>53</sub>  | 2008 10 01.3 | 00 31.14 +11 50.7 20.3 | -0.74 -11.1 | 3.2/04.7 | 43215 |
| 2004 TA <sub>5</sub>   | 2008 10 01.3 | 00 31.14 +01 25.6 19.1 | -0.92 - 2.5 | 0.8/30.8 | 42718 |
| 2005 YD <sub>204</sub> | 2008 10 01.4 | 00 31.10 +03 59.2 18.5 | -0.84 - 5.1 | 0.3/01.6 | 43249 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TG <sub>43</sub>  | 2008 10 01.4 | 00 31.11 +10 09.4 19.7 | -0.81 - 7.9 | 2.5/03.8  | 43214 |
| 2002 CR <sub>308</sub> | 2008 10 01.4 | 00 31.13 +09 27.6 22.8 | -0.91 - 4.7 | 1.9/03.3  | 94668 |
| 2005 YU <sub>100</sub> | 2008 10 01.4 | 00 31.14 +14 18.0 19.4 | -0.94 - 5.5 | 4.6/05.0  | 43248 |
| 2007 GS <sub>29</sub>  | 2008 10 01.4 | 00 31.23 +15 00.9 19.1 | -0.82 - 9.0 | 3.9/05.7  | 43279 |
| 2003 BA                | 2008 10 01.4 | 00 31.24 -01 43.2 19.9 | -0.91 - 7.6 | 1.8/29.7  | 43167 |
| 2000 TV <sub>59</sub>  | 2008 10 01.4 | 00 31.27 -24 38.8 19.2 | -0.89 - 3.6 | 11.1/21.3 | 43112 |
| 2002 RW <sub>8</sub>   | 2008 10 01.4 | 00 31.28 +21 19.8 19.5 | -0.95 - 1.8 | 5.6/07.1  | 02123 |
| 2006 FF <sub>38</sub>  | 2008 10 01.4 | 00 31.29 -01 09.9 20.7 | -0.73 - 4.6 | 1.2/29.9  | 01542 |
| 2006 DJ <sub>68</sub>  | 2008 10 01.4 | 00 31.37 -05 18.9 20.1 | -0.92 - 2.0 | 2.7/28.9  | 01373 |
| 2006 CB <sub>40</sub>  | 2008 10 01.4 | 00 31.38 +13 12.0 20.6 | -0.94 - 2.3 | 3.0/04.4  | 02285 |
| 2001 TJ                | 2008 10 01.4 | 00 31.40 +02 17.7 19.5 | -0.98 - 4.5 | 0.5/01.1  | 43129 |
| 2002 CL <sub>31</sub>  | 2008 10 01.4 | 00 31.40 +05 59.6 18.4 | -1.08 - 0.7 | 1.2/02.1  | 43145 |
| 2001 XN <sub>111</sub> | 2008 10 01.4 | 00 31.41 -13 55.4 17.8 | -0.64 - 7.2 | 8.7/24.8  | 43139 |
| 2004 XE <sub>18</sub>  | 2008 10 01.4 | 00 31.42 -18 57.8 19.3 | -0.85 - 3.0 | 6.8/24.2  | 02229 |
| 2003 NF <sub>8</sub>   | 2008 10 01.4 | 00 31.44 -14 19.4 19.4 | -0.81 - 4.7 | 6.5/25.6  | 42638 |
| 2001 KO <sub>74</sub>  | 2008 10 01.4 | 00 31.45 +17 18.7 20.4 | -0.73 - 5.8 | 3.7/06.5  | 43120 |
| 2006 BW <sub>20</sub>  | 2008 10 01.4 | 00 31.45 +04 05.1 20.1 | -0.92 - 6.1 | 0.2/01.7  | 43252 |
| 2004 TT <sub>49</sub>  | 2008 10 01.4 | 00 31.45 -13 05.0 19.9 | -1.05 - 0.4 | 5.5/27.0  | 02215 |
| 2007 GT <sub>60</sub>  | 2008 10 01.4 | 00 31.45 +12 05.5 20.4 | -0.83 - 7.9 | 3.2/04.6  | 20619 |
| 2004 JJ <sub>54</sub>  | 2008 10 01.4 | 00 31.48 -04 27.6 20.3 | -0.48 - 3.2 | 1.4/28.7  | 02204 |
| 2003 HG <sub>52</sub>  | 2008 10 01.4 | 00 31.49 -00 58.7 19.7 | -0.87 - 8.0 | 1.6/30.0  | 43172 |
| 1999 VC <sub>121</sub> | 2008 10 01.4 | 00 31.51 +01 02.3 19.7 | -0.87 - 3.4 | 0.9/30.8  | 43101 |
| 2005 EU <sub>124</sub> | 2008 10 01.5 | 00 31.45 -01 46.0 19.7 | -0.90 - 0.9 | 1.4/30.0  | 76889 |
| 2003 EQ <sub>9</sub>   | 2008 10 01.5 | 00 31.50 +05 08.2 20.4 | -0.93 - 6.6 | 0.6/02.1  | 43168 |
| 2000 EX <sub>67</sub>  | 2008 10 01.5 | 00 31.51 +04 51.6 20.1 | -0.76 - 6.0 | 0.4/02.0  | 77447 |
| 2003 HS <sub>9</sub>   | 2008 10 01.5 | 00 31.53 +01 19.9 20.7 | -0.93 - 6.5 | 0.7/30.8  | 43171 |
| 2003 EO <sub>62</sub>  | 2008 10 01.5 | 00 31.53 -08 42.4 20.4 | -0.83 - 9.0 | 3.9/27.2  | 21130 |
| 2003 YT <sub>34</sub>  | 2008 10 01.5 | 00 31.56 -29 44.4 18.7 | -0.84 - 1.7 | 10.6/19.4 | 43197 |
| 2003 QK <sub>66</sub>  | 2008 10 01.5 | 00 31.57 +11 05.8 19.3 | -0.91 - 3.0 | 2.3/03.9  | 43174 |
| 2006 BE <sub>81</sub>  | 2008 10 01.5 | 00 31.58 -00 33.4 20.2 | -0.86 - 4.0 | 1.4/30.3  | 97041 |
| 2007 ML                | 2008 10 01.5 | 00 31.66 -08 59.3 20.0 | -0.91 - 6.7 | 4.8/27.4  | 21257 |
| 2006 FJ <sub>37</sub>  | 2008 10 01.5 | 00 31.68 +12 41.5 19.7 | -0.90 - 1.4 | 2.8/04.3  | 43266 |
| 1996 GW <sub>4</sub>   | 2008 10 01.5 | 00 31.71 -01 49.5 20.3 | -0.61 - 3.6 | 1.2/29.8  | 01965 |
| 2004 XQ <sub>153</sub> | 2008 10 01.5 | 00 31.72 +05 11.7 20.3 | -0.80 - 5.1 | 0.6/02.1  | 43226 |
| 2006 KF <sub>31</sub>  | 2008 10 01.5 | 00 31.74 -02 35.5 20.9 | -0.63 - 3.1 | 1.3/29.6  | 21857 |
| 2003 UY <sub>210</sub> | 2008 10 01.5 | 00 31.74 -04 32.0 20.0 | -0.81 - 2.8 | 2.3/29.1  | 76140 |
| 2001 XG <sub>151</sub> | 2008 10 01.5 | 00 31.77 +08 15.1 20.4 | -0.92 - 6.3 | 1.7/03.0  | 43140 |
| 2001 XR <sub>257</sub> | 2008 10 01.5 | 00 31.77 +14 54.2 20.3 | -0.60 - 4.7 | 2.6/05.7  | 43141 |
| 2003 WV <sub>169</sub> | 2008 10 01.5 | 00 31.78 -25 24.0 18.7 | -0.72 - 5.2 | 9.8/20.3  | 90188 |
| 2001 QH <sub>204</sub> | 2008 10 01.5 | 00 31.78 +17 39.0 20.0 | -1.02 - 5.7 | 5.4/06.2  | 35783 |
| 2007 LQ                | 2008 10 01.5 | 00 31.79 -00 57.7 20.3 | -0.82 - 7.2 | 1.4/30.1  | 42886 |
| 2004 TK <sub>258</sub> | 2008 10 01.5 | 00 31.81 +03 18.6 20.4 | -0.90 - 4.5 | 0.0/01.5  | 03643 |
| 1999 CP <sub>115</sub> | 2008 10 01.5 | 00 31.81 +13 42.5 20.2 | -0.97 - 6.5 | 3.9/04.9  | 97344 |
| 2003 WN <sub>141</sub> | 2008 10 01.5 | 00 31.82 -28 20.2 18.1 | -0.82 - 1.4 | 11.3/20.1 | 42683 |
| 2004 VQ <sub>40</sub>  | 2008 10 01.5 | 00 31.88 +05 14.1 20.1 | -0.80 - 6.6 | 0.6/02.2  | 43222 |
| 1998 XH <sub>10</sub>  | 2008 10 01.6 | 00 31.82 -11 21.0 19.5 | -0.81 - 3.3 | 4.4/26.8  | 10698 |
| 2001 UP <sub>120</sub> | 2008 10 01.6 | 00 31.84 +06 40.6 18.9 | -0.81 - 9.9 | 1.4/03.0  | 43134 |
| 2003 TQ <sub>6</sub>   | 2008 10 01.6 | 00 31.86 -16 58.4 19.0 | -0.81 - 3.2 | 7.1/24.9  | 72919 |
| 2002 QB <sub>72</sub>  | 2008 10 01.6 | 00 31.87 +00 44.5 20.1 | -0.75 - 4.8 | 0.8/30.7  | 43160 |
| 2002 FD <sub>38</sub>  | 2008 10 01.6 | 00 31.90 +01 52.9 20.2 | -0.54 - 1.4 | 0.3/01.1  | 43152 |
| 2003 EB <sub>22</sub>  | 2008 10 01.6 | 00 31.92 -08 18.5 19.7 | -0.86 - 8.3 | 4.1/27.5  | 20776 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 XP <sub>134</sub> | 2008 10 01.6 | 00 31.95 +13 50.6 19.9 | -0.92 - 6.5 | 3.8/05.1  | 43139 |
| 2002 AE <sub>125</sub> | 2008 10 01.6 | 00 31.95 -13 02.3 20.6 | -0.78 - 6.4 | 4.4/25.9  | 21774 |
| 2007 HV <sub>47</sub>  | 2008 10 01.6 | 00 31.99 -01 05.7 20.5 | -0.82 - 5.6 | 1.6/30.2  | 20646 |
| 2005 VO <sub>65</sub>  | 2008 10 01.6 | 00 32.03 +00 57.6 20.9 | -0.96 - 7.4 | 0.9/30.8  | 43242 |
| 2001 DA <sub>91</sub>  | 2008 10 01.6 | 00 32.08 +14 34.8 21.4 | -0.77 - 5.3 | 2.9/05.5  | 22683 |
| 2005 YC <sub>196</sub> | 2008 10 01.6 | 00 32.08 -11 48.1 20.6 | -0.85 - 2.9 | 4.1/26.9  | 02267 |
| 2003 EK <sub>14</sub>  | 2008 10 01.6 | 00 32.09 -04 25.7 20.7 | -0.98 - 5.5 | 2.8/29.2  | 94927 |
| 2007 LP <sub>34</sub>  | 2008 10 01.6 | 00 32.09 -06 25.5 19.8 | -0.72 -10.7 | 3.7/27.9  | 41876 |
| 2003 TD <sub>8</sub>   | 2008 10 01.6 | 00 32.10 +19 31.8 20.1 | -0.76 - 6.5 | 4.7/07.5  | 95111 |
| 2002 RK <sub>224</sub> | 2008 10 01.6 | 00 32.13 +15 54.1 19.5 | -0.76 - 4.4 | 3.6/05.9  | 43162 |
| 2006 GR <sub>11</sub>  | 2008 10 01.6 | 00 32.16 -05 56.4 20.0 | -0.86 - 2.4 | 2.9/28.8  | 01566 |
| 2006 KB <sub>83</sub>  | 2008 10 01.6 | 00 32.17 -09 59.5 21.0 | -0.71 - 6.2 | 3.8/26.9  | 22554 |
| 2005 CW <sub>4</sub>   | 2008 10 01.6 | 00 32.18 +05 18.4 20.5 | -0.83 - 3.8 | 0.5/02.3  | 43229 |
| 2001 YB <sub>6</sub>   | 2008 10 01.6 | 00 32.21 -38 18.0 21.3 | -1.08 - 0.6 | 11.5/17.2 | 27792 |
| 2005 BP <sub>23</sub>  | 2008 10 01.6 | 00 32.21 -08 04.6 19.6 | -0.74 - 5.3 | 3.3/27.7  | 21348 |
| 2000 EJ <sub>106</sub> | 2008 10 01.6 | 00 32.21 -06 13.6 20.2 | -0.86 - 1.1 | 2.4/28.9  | 01996 |
| 2006 DT <sub>64</sub>  | 2008 10 01.6 | 00 32.22 -03 36.8 19.5 | -0.79 - 6.1 | 2.4/29.3  | 43261 |
| 2007 EM <sub>46</sub>  | 2008 10 01.6 | 00 32.22 +03 27.2 19.4 | -0.95 - 8.1 | 0.0/01.7  | 43275 |
| 2002 QW <sub>77</sub>  | 2008 10 01.6 | 00 32.23 -12 31.0 20.2 | -0.69 - 7.3 | 5.2/25.7  | 43160 |
| 2006 AY <sub>96</sub>  | 2008 10 01.7 | 00 32.18 +25 56.6 20.2 | -0.91 - 4.3 | 6.5/09.4  | 98088 |
| 2004 TZ <sub>61</sub>  | 2008 10 01.7 | 00 32.19 +03 18.9 19.8 | -0.93 - 3.5 | 0.1/01.7  | 43216 |
| 2007 EU <sub>209</sub> | 2008 10 01.7 | 00 32.23 -27 00.9 19.5 | -1.29 + 3.3 | 9.6/24.7  | 21878 |
| 2004 XL <sub>133</sub> | 2008 10 01.7 | 00 32.23 +06 49.5 19.3 | -0.91 - 3.7 | 1.2/02.7  | 43226 |
| 2002 EY <sub>78</sub>  | 2008 10 01.7 | 00 32.25 +10 26.2 19.4 | -0.87 - 5.8 | 2.3/04.0  | 43150 |
| 2004 TR <sub>142</sub> | 2008 10 01.7 | 00 32.25 +06 01.0 20.4 | -0.81 - 8.3 | 0.9/02.6  | 95532 |
| 2005 EG <sub>92</sub>  | 2008 10 01.7 | 00 32.28 -05 00.9 19.2 | -0.66 -11.9 | 2.5/28.3  | 43230 |
| 2003 UV <sub>12</sub>  | 2008 10 01.7 | 00 32.30 +13 42.6 19.8 | -0.71 - 7.7 | 3.0/05.5  | 43185 |
| 2004 HR <sub>8</sub>   | 2008 10 01.7 | 00 32.32 -02 25.4 20.2 | -0.97 - 7.2 | 2.5/29.8  | 18071 |
| 2004 RY <sub>204</sub> | 2008 10 01.7 | 00 32.34 +28 38.8 18.9 | -0.89 - 6.4 | 10.1/11.5 | 70067 |
| 2004 RU <sub>272</sub> | 2008 10 01.7 | 00 32.35 +05 15.0 20.2 | -0.99 - 3.4 | 0.7/02.3  | 09063 |
| 2001 RC <sub>130</sub> | 2008 10 01.7 | 00 32.37 -02 56.4 19.7 | -0.88 - 9.3 | 2.5/29.5  | 43125 |
| 2006 BK <sub>99</sub>  | 2008 10 01.7 | 00 32.43 +13 21.6 19.8 | -0.93 - 3.8 | 3.8/04.8  | 43254 |
| 2002 FR <sub>18</sub>  | 2008 10 01.7 | 00 32.44 +01 36.5 20.0 | -0.50 - 3.4 | 0.4/01.1  | 43152 |
| 2002 GP <sub>18</sub>  | 2008 10 01.7 | 00 32.44 -11 40.5 19.6 | -1.00 - 2.9 | 5.2/27.2  | 02092 |
| 2002 GU <sub>172</sub> | 2008 10 01.7 | 00 32.44 -04 50.4 21.2 | -0.86 - 4.1 | 2.4/29.1  | 00248 |
| 2002 RO <sub>174</sub> | 2008 10 01.7 | 00 32.44 +09 08.5 19.7 | -0.73 - 4.8 | 1.7/03.7  | 04220 |
| 1998 FX <sub>71</sub>  | 2008 10 01.7 | 00 32.51 +03 50.2 18.9 | -1.06 - 0.4 | 0.1/01.9  | 43094 |
| 2001 XH <sub>217</sub> | 2008 10 01.7 | 00 32.54 -03 07.8 19.5 | -0.92 - 5.9 | 2.4/29.6  | 43140 |
| 2007 EG <sub>214</sub> | 2008 10 01.7 | 00 32.54 -35 26.8 21.1 | -0.94 - 4.0 | 11.5/17.5 | 26264 |
| 2006 BB <sub>133</sub> | 2008 10 01.7 | 00 32.58 +10 05.7 19.4 | -0.80 - 4.5 | 2.0/04.0  | 43255 |
| 2001 SA <sub>304</sub> | 2008 10 01.7 | 00 32.59 +08 29.3 19.7 | -1.04 - 3.6 | 2.0/03.2  | 43129 |
| 2003 GF <sub>40</sub>  | 2008 10 01.7 | 00 32.59 -04 45.0 20.8 | -0.95 - 4.4 | 2.9/29.3  | 20779 |
| 2000 SP <sub>255</sub> | 2008 10 01.7 | 00 32.61 -06 12.6 18.8 | -1.06 + 5.1 | 5.1/29.8  | 43110 |
| 2004 JE <sub>3</sub>   | 2008 10 01.8 | 00 32.54 +08 15.4 20.6 | -0.98 - 7.7 | 1.9/03.4  | 43201 |
| 2000 WJ <sub>42</sub>  | 2008 10 01.8 | 00 32.59 -03 46.7 18.9 | -0.88 - 4.4 | 3.1/29.5  | 97416 |
| 2001 VU <sub>25</sub>  | 2008 10 01.8 | 00 32.63 -06 22.3 19.1 | -1.01 - 2.9 | 4.2/28.9  | 43136 |
| 2004 FB <sub>125</sub> | 2008 10 01.8 | 00 32.65 +07 28.2 20.0 | -1.15 - 2.9 | 1.7/03.0  | 43199 |
| 2005 UC <sub>439</sub> | 2008 10 01.8 | 00 32.65 -01 59.6 18.1 | -0.96 - 1.8 | 2.9/30.3  | 19666 |
| 2006 BE <sub>157</sub> | 2008 10 01.8 | 00 32.68 -02 52.9 20.2 | -0.79 - 5.4 | 1.9/29.7  | 43255 |
| 2002 CF <sub>126</sub> | 2008 10 01.8 | 00 32.68 +16 45.8 19.9 | -0.94 - 3.5 | 4.1/06.0  | 43147 |
| 2000 CF <sub>127</sub> | 2008 10 01.8 | 00 32.69 +34 05.9 19.5 | -0.62 - 1.4 | 5.4/13.2  | 24303 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 EO <sub>24</sub>  | 2008 10 01.8 | 00 32.69 -01 40.8 19.7 | -0.77 - 7.3 | 1.8/30.0  | 43264 |
| 2003 FN <sub>55</sub>  | 2008 10 01.8 | 00 32.70 +09 00.0 21.0 | -0.94 - 6.2 | 1.8/03.6  | 43169 |
| 2005 WN <sub>198</sub> | 2008 10 01.8 | 00 32.70 +08 19.7 19.1 | -0.98 - 6.2 | 2.3/03.4  | 43245 |
| 2002 JY <sub>3</sub>   | 2008 10 01.8 | 00 32.74 -35 34.5 21.9 | -1.07 - 0.7 | 10.0/18.6 | 94768 |
| 2003 WX <sub>149</sub> | 2008 10 01.8 | 00 32.79 +03 18.1 18.9 | -0.67 -10.4 | 0.1/01.8  | 02195 |
| 2007 JE <sub>36</sub>  | 2008 10 01.8 | 00 32.80 +29 33.0 19.8 | -0.82 -10.5 | 9.0/12.7  | 30252 |
| 2003 SG <sub>210</sub> | 2008 10 01.8 | 00 32.81 +01 36.0 19.2 | -0.72 - 7.3 | 0.7/01.2  | 43181 |
| 2005 VT <sub>32</sub>  | 2008 10 01.8 | 00 32.83 -05 31.7 18.9 | -0.98 - 3.9 | 4.2/29.2  | 09440 |
| 2007 EB <sub>80</sub>  | 2008 10 01.8 | 00 32.83 +15 59.3 19.5 | -1.18 - 0.3 | 4.7/05.2  | 43276 |
| 2004 RC <sub>82</sub>  | 2008 10 01.8 | 00 32.87 +04 40.0 19.3 | -0.91 - 5.8 | 0.5/02.2  | 19624 |
| 2001 VV <sub>35</sub>  | 2008 10 01.8 | 00 32.89 -05 06.1 17.6 | -0.83 - 1.7 | 4.5/29.3  | 43136 |
| 2006 FO <sub>15</sub>  | 2008 10 01.8 | 00 32.89 +07 39.4 20.2 | -0.89 - 3.0 | 1.4/03.1  | 38087 |
| 2002 CN <sub>126</sub> | 2008 10 01.8 | 00 32.90 -12 28.1 19.6 | -0.79 - 9.7 | 5.5/25.8  | 94609 |
| 2003 SF <sub>321</sub> | 2008 10 01.8 | 00 32.90 +00 39.3 20.3 | -0.81 - 4.2 | 1.0/31.0  | 43183 |
| 2005 WK <sub>10</sub>  | 2008 10 01.8 | 00 32.90 -00 29.7 20.6 | -1.00 - 5.3 | 1.5/30.6  | 19242 |
| 2003 FG <sub>81</sub>  | 2008 10 01.8 | 00 32.90 -07 50.9 20.9 | -0.94 - 5.0 | 3.9/28.3  | 21326 |
| 2007 HL <sub>72</sub>  | 2008 10 01.8 | 00 32.95 +07 02.3 20.5 | -0.90 - 7.1 | 1.2/03.1  | 43282 |
| 2002 CR <sub>253</sub> | 2008 10 01.8 | 00 32.95 -06 46.9 20.2 | -0.87 - 5.8 | 3.5/28.5  | 94647 |
| 2007 JQ <sub>24</sub>  | 2008 10 01.8 | 00 32.96 -07 17.5 20.1 | -0.82 - 9.8 | 3.9/27.9  | 22891 |
| 2002 BS <sub>27</sub>  | 2008 10 01.8 | 00 32.98 -07 17.8 19.6 | -0.96 - 3.9 | 4.1/28.6  | 97557 |
| 2006 JU <sub>72</sub>  | 2008 10 01.9 | 00 32.90 +09 15.6 19.6 | -0.71 - 7.6 | 1.9/04.0  | 09566 |
| 2005 YK <sub>131</sub> | 2008 10 01.9 | 00 32.90 -37 55.2 20.0 | -0.87 - 5.0 | 11.4/15.0 | 96786 |
| 1994 UT <sub>7</sub>   | 2008 10 01.9 | 00 32.99 +05 46.3 20.2 | -0.85 - 3.8 | 0.8/02.6  | 43091 |
| 2005 LB <sub>37</sub>  | 2008 10 01.9 | 00 32.99 +27 10.4 20.0 | -0.52 - 5.2 | 4.5/11.4  | 22791 |
| 2005 UZ <sub>290</sub> | 2008 10 01.9 | 00 33.00 +12 45.5 19.7 | -0.99 - 6.9 | 3.7/04.9  | 43239 |
| 2003 CB <sub>6</sub>   | 2008 10 01.9 | 00 33.00 -03 36.1 20.2 | -0.97 - 5.6 | 2.6/29.7  | 21325 |
| 2006 AB <sub>50</sub>  | 2008 10 01.9 | 00 33.03 -00 21.3 21.1 | -0.92 - 5.9 | 1.4/30.7  | 96933 |
| 2005 YM <sub>130</sub> | 2008 10 01.9 | 00 33.04 +04 15.1 21.5 | -0.94 - 5.7 | 0.2/02.1  | 01182 |
| 2007 JL <sub>12</sub>  | 2008 10 01.9 | 00 33.04 -09 18.4 20.6 | -0.70 - 7.1 | 4.2/27.3  | 24153 |
| 2001 WX <sub>33</sub>  | 2008 10 01.9 | 00 33.05 -10 16.4 19.6 | -0.95 - 4.0 | 6.0/27.6  | 43137 |
| 2004 DF <sub>21</sub>  | 2008 10 01.9 | 00 33.05 +28 40.6 18.6 | -1.56 + 7.4 | 13.6/06.5 | 43198 |
| 1999 BW <sub>11</sub>  | 2008 10 01.9 | 00 33.10 +09 01.5 20.8 | -0.95 - 4.9 | 1.8/03.6  | 43096 |
| 2002 PO <sub>163</sub> | 2008 10 01.9 | 00 33.11 +02 59.8 20.6 | -0.79 - 5.1 | 0.2/01.8  | 20768 |
| 2002 NV <sub>57</sub>  | 2008 10 01.9 | 00 33.11 -16 05.9 20.7 | -0.68 - 8.1 | 6.2/24.5  | 66278 |
| 2002 QE <sub>48</sub>  | 2008 10 01.9 | 00 33.11 +04 42.4 19.2 | -0.75 - 4.6 | 0.4/02.3  | 43159 |
| 2005 UW <sub>433</sub> | 2008 10 01.9 | 00 33.12 -07 17.4 20.1 | -1.04 - 3.2 | 4.5/28.9  | 18149 |
| 2007 GU <sub>39</sub>  | 2008 10 01.9 | 00 33.17 -00 37.1 20.9 | -0.93 - 5.1 | 1.4/30.7  | 35072 |
| 2007 JF <sub>25</sub>  | 2008 10 01.9 | 00 33.18 -02 23.4 21.4 | -1.02 - 4.7 | 2.3/30.2  | 20675 |
| 1999 RQ <sub>21</sub>  | 2008 10 01.9 | 00 33.19 -00 19.1 18.2 | -0.84 - 4.1 | 1.7/30.7  | 43097 |
| 2002 SS <sub>61</sub>  | 2008 10 01.9 | 00 33.19 +17 26.9 19.2 | -0.86 - 1.8 | 4.4/06.2  | 43163 |
| 2001 YH <sub>104</sub> | 2008 10 01.9 | 00 33.29 +05 00.6 19.6 | -0.87 - 5.8 | 0.5/02.4  | 97539 |
| 2006 DA <sub>173</sub> | 2008 10 01.9 | 00 33.29 -04 17.3 21.0 | -0.70 - 7.1 | 2.4/29.2  | 43263 |
| 2005 BG <sub>26</sub>  | 2008 10 01.9 | 00 33.30 +20 50.3 21.3 | -0.81 - 2.8 | 4.2/07.6  | 74487 |
| 2002 AZ <sub>47</sub>  | 2008 10 02.0 | 00 33.31 +06 12.1 19.7 | -0.95 - 6.1 | 1.0/02.8  | 43143 |
| 2001 VZ <sub>50</sub>  | 2008 10 02.0 | 00 33.32 +22 18.8 19.4 | -0.94 - 7.1 | 7.1/08.7  | 43136 |
| 2003 WQ <sub>75</sub>  | 2008 10 02.0 | 00 33.32 +16 31.2 19.1 | -0.81 - 4.3 | 4.2/06.3  | 43193 |
| 2005 YK <sub>43</sub>  | 2008 10 02.0 | 00 33.33 +04 23.0 21.3 | -0.93 - 6.6 | 0.3/02.3  | 96707 |
| 2001 VE <sub>90</sub>  | 2008 10 02.0 | 00 33.33 -38 43.7 20.0 | -1.31 + 0.4 | 15.3/16.0 | 97506 |
| 2003 YP <sub>4</sub>   | 2008 10 02.0 | 00 33.34 +33 07.5 19.2 | -1.00 + 0.5 | 9.7/11.0  | 62458 |
| 2002 DD <sub>11</sub>  | 2008 10 02.0 | 00 33.35 -19 06.6 20.8 | -0.92 - 1.9 | 6.6/25.3  | 21313 |
| 2006 BS <sub>149</sub> | 2008 10 02.0 | 00 33.38 -04 07.4 20.1 | -0.98 - 3.7 | 2.9/29.7  | 03850 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2002 FJ <sub>24</sub>  | 2008 10 02.0 | 00 33.39 -01 28.4 21.1 | -0.87 - 4.8 | 1.6/30.4 | 22401 |
| 2004 XG <sub>109</sub> | 2008 10 02.0 | 00 33.40 +07 43.7 18.8 | -0.83 - 3.7 | 1.8/03.3 | 02233 |
| 2002 DO <sub>8</sub>   | 2008 10 02.0 | 00 33.43 -15 54.2 19.1 | -1.04 - 0.9 | 7.2/26.5 | 43149 |
| 2006 DW <sub>122</sub> | 2008 10 02.0 | 00 33.47 -00 53.3 20.1 | -0.77 - 7.3 | 1.4/30.5 | 43262 |
| 2002 EO <sub>81</sub>  | 2008 10 02.0 | 00 33.49 +12 26.2 20.4 | -0.92 - 4.0 | 3.0/04.8 | 43150 |
| 2002 JP <sub>61</sub>  | 2008 10 02.0 | 00 33.50 -16 54.2 19.9 | -0.87 - 2.6 | 5.9/25.7 | 02102 |
| 2002 CN <sub>136</sub> | 2008 10 02.0 | 00 33.52 -05 26.9 18.9 | -0.84 -10.1 | 3.6/28.7 | 43147 |
| 2004 XV <sub>180</sub> | 2008 10 02.0 | 00 33.54 -12 42.7 20.1 | -0.77 - 3.5 | 4.6/26.7 | 02235 |
| 2001 DV <sub>66</sub>  | 2008 10 02.0 | 00 33.54 -01 35.6 19.9 | -0.78 - 6.2 | 1.7/30.3 | 43119 |
| 2004 NQ <sub>14</sub>  | 2008 10 02.0 | 00 33.54 +10 38.1 19.7 | -0.97 - 6.5 | 2.7/04.4 | 43202 |
| 2004 TZ <sub>102</sub> | 2008 10 02.0 | 00 33.58 +18 03.3 18.7 | -0.90 - 3.8 | 5.9/06.7 | 43216 |
| 1999 TT <sub>237</sub> | 2008 10 02.0 | 00 33.67 +02 00.9 19.3 | -0.77 -10.8 | 0.5/01.5 | 20730 |
| 2006 EK <sub>69</sub>  | 2008 10 02.0 | 00 33.70 +11 29.3 21.9 | -0.98 - 2.3 | 2.4/04.3 | 02308 |
| 2004 TD <sub>347</sub> | 2008 10 02.0 | 00 33.70 +09 25.0 19.0 | -0.98 - 2.1 | 2.5/03.7 | 43220 |
| 2003 UE <sub>54</sub>  | 2008 10 02.0 | 00 33.70 +08 49.7 18.8 | -0.90 - 1.4 | 1.7/03.6 | 43186 |
| 2002 RH <sub>128</sub> | 2008 10 02.1 | 00 33.62 +31 04.2 18.8 | -0.81 - 3.6 | 9.3/12.3 | 42623 |
| 2003 YM <sub>5</sub>   | 2008 10 02.1 | 00 33.64 +03 31.3 20.1 | -0.71 - 6.9 | 0.0/02.1 | 43196 |
| 2003 UR <sub>283</sub> | 2008 10 02.1 | 00 33.67 +16 11.9 19.2 | -0.73 - 6.8 | 4.2/06.7 | 42676 |
| 2003 SK <sub>64</sub>  | 2008 10 02.1 | 00 33.68 +02 07.0 18.9 | -0.91 - 1.6 | 0.5/01.7 | 43177 |
| 2000 LJ <sub>33</sub>  | 2008 10 02.1 | 00 33.70 -02 50.9 21.1 | -0.96 - 5.8 | 2.3/30.1 | 43106 |
| 2007 EP <sub>151</sub> | 2008 10 02.1 | 00 33.72 -05 03.4 19.9 | -0.86 - 7.7 | 3.7/29.2 | 19431 |
| 2001 SS <sub>118</sub> | 2008 10 02.1 | 00 33.75 +14 02.3 19.6 | -1.09 - 1.2 | 4.8/04.9 | 43127 |
| 2001 XX <sub>180</sub> | 2008 10 02.1 | 00 33.77 -06 40.0 19.3 | -0.90 - 7.0 | 4.4/28.6 | 02055 |
| 2002 PI <sub>135</sub> | 2008 10 02.1 | 00 33.77 -13 09.1 19.2 | -0.67 - 8.0 | 5.2/25.8 | 43158 |
| 2004 EH <sub>79</sub>  | 2008 10 02.1 | 00 33.78 -01 06.6 19.7 | -1.05 - 5.1 | 1.9/30.7 | 43199 |
| 2007 DR <sub>36</sub>  | 2008 10 02.1 | 00 33.78 +01 39.4 20.8 | -0.97 - 6.3 | 0.7/01.5 | 43273 |
| 2003 BV <sub>31</sub>  | 2008 10 02.1 | 00 33.78 +12 21.1 19.7 | -1.01 - 6.2 | 3.5/04.9 | 10961 |
| 2000 AP <sub>6</sub>   | 2008 10 02.1 | 00 33.79 +06 02.9 18.2 | -0.74 - 9.1 | 1.0/03.0 | 01991 |
| 2002 LO <sub>49</sub>  | 2008 10 02.1 | 00 33.80 -16 46.1 20.1 | -0.86 - 3.5 | 6.2/25.5 | 18015 |
| 2005 XR <sub>41</sub>  | 2008 10 02.1 | 00 33.84 -07 26.9 20.6 | -0.90 - 6.6 | 3.7/28.5 | 96624 |
| 2001 OT <sub>11</sub>  | 2008 10 02.1 | 00 33.85 +13 39.0 19.8 | -1.10 - 4.5 | 3.8/05.2 | 43121 |
| 2000 AB <sub>219</sub> | 2008 10 02.1 | 00 33.85 +05 56.7 20.1 | -0.50 - 3.0 | 0.4/03.0 | 43103 |
| 2000 DR <sub>67</sub>  | 2008 10 02.1 | 00 33.86 +06 51.2 20.0 | -0.74 - 4.0 | 0.9/03.2 | 10727 |
| 2002 CC <sub>275</sub> | 2008 10 02.1 | 00 33.86 +01 51.8 19.2 | -0.87 - 6.1 | 0.7/01.6 | 43148 |
| 2007 JR <sub>21</sub>  | 2008 10 02.1 | 00 33.87 +11 27.7 19.6 | -0.78 - 7.8 | 2.8/05.0 | 43283 |
| 2000 VP <sub>19</sub>  | 2008 10 02.1 | 00 33.87 -00 28.9 19.7 | -0.84 - 7.2 | 1.4/30.8 | 02016 |
| 2005 YC <sub>188</sub> | 2008 10 02.1 | 00 33.88 +22 16.8 22.1 | -0.92 - 4.5 | 5.5/08.4 | 98064 |
| 2007 BB <sub>47</sub>  | 2008 10 02.1 | 00 33.88 -16 23.9 20.1 | -0.92 - 7.4 | 7.3/25.4 | 19331 |
| 2005 AT <sub>78</sub>  | 2008 10 02.1 | 00 33.90 +20 19.5 19.9 | -0.87 - 2.1 | 4.9/07.4 | 77805 |
| 2004 XV <sub>41</sub>  | 2008 10 02.1 | 00 33.94 +05 33.1 20.6 | -0.72 - 4.4 | 0.5/02.8 | 43225 |
| 2003 ET <sub>47</sub>  | 2008 10 02.1 | 00 33.97 +32 38.7 21.2 | -1.34 - 1.2 | 9.0/11.5 | 19594 |
| 2004 XN <sub>101</sub> | 2008 10 02.1 | 00 33.98 +09 24.4 19.4 | -0.82 - 5.3 | 2.0/04.1 | 43226 |
| 2005 WU <sub>118</sub> | 2008 10 02.1 | 00 33.98 +07 20.5 20.4 | -0.97 - 6.2 | 1.3/03.3 | 03807 |
| 2002 EU <sub>4</sub>   | 2008 10 02.1 | 00 33.99 +20 10.0 19.5 | -1.30 + 3.4 | 6.6/05.8 | 43149 |
| 2005 CK <sub>40</sub>  | 2008 10 02.1 | 00 34.00 +10 38.5 20.5 | -0.84 - 2.6 | 2.2/04.3 | 42739 |
| 1997 WT <sub>28</sub>  | 2008 10 02.1 | 00 34.03 -12 26.5 20.1 | -0.81 - 3.3 | 5.2/26.9 | 66064 |
| 2004 VW <sub>32</sub>  | 2008 10 02.1 | 00 34.04 +04 07.6 20.0 | -0.79 - 7.5 | 0.2/02.4 | 97769 |
| 2001 UT <sub>172</sub> | 2008 10 02.2 | 00 33.99 +06 16.5 18.5 | -0.84 -11.3 | 1.1/03.2 | 43135 |
| 2000 YY <sub>38</sub>  | 2008 10 02.2 | 00 34.00 -00 16.1 19.6 | -0.83 - 5.9 | 1.4/30.9 | 43117 |
| 2001 QX <sub>38</sub>  | 2008 10 02.2 | 00 34.00 -01 58.2 19.0 | -0.93 - 4.5 | 2.8/30.5 | 43122 |
| 2000 EH <sub>51</sub>  | 2008 10 02.2 | 00 34.00 +03 11.3 21.3 | -0.75 - 5.6 | 0.1/02.0 | 07838 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 FJ <sub>45</sub>  | 2008 10 02.2 | 00 34.03 -06 25.7 19.6 | -0.96 - 5.8 | 3.9/29.1  | 43105 |
| 2002 CR <sub>206</sub> | 2008 10 02.2 | 00 34.03 +06 31.8 19.8 | -0.94 - 3.4 | 1.0/03.1  | 69240 |
| 2004 VW <sub>29</sub>  | 2008 10 02.2 | 00 34.04 -12 18.0 20.2 | -0.91 - 2.5 | 5.3/27.5  | 20811 |
| 2006 HF <sub>1</sub>   | 2008 10 02.2 | 00 34.06 +10 07.5 20.0 | -0.69 - 6.9 | 1.8/04.5  | 43267 |
| 2002 JE <sub>121</sub> | 2008 10 02.2 | 00 34.11 -17 17.0 19.0 | -0.80 - 7.8 | 7.1/24.3  | 43155 |
| 2003 WQ <sub>33</sub>  | 2008 10 02.2 | 00 34.11 -01 36.9 18.9 | -0.83 - 3.1 | 2.0/30.6  | 58052 |
| 2006 DC <sub>59</sub>  | 2008 10 02.2 | 00 34.13 +05 04.9 20.2 | -0.78 - 5.0 | 0.4/02.7  | 43260 |
| 2003 FJ <sub>80</sub>  | 2008 10 02.2 | 00 34.15 -05 51.3 20.3 | -0.96 - 5.4 | 3.3/29.2  | 97646 |
| 2004 TC <sub>170</sub> | 2008 10 02.2 | 00 34.19 -07 46.7 19.0 | -0.89 + 0.6 | 5.9/29.0  | 43217 |
| 2006 DC <sub>12</sub>  | 2008 10 02.2 | 00 34.20 +01 34.0 19.9 | -0.79 - 6.4 | 0.7/01.5  | 43259 |
| 2007 HU <sub>43</sub>  | 2008 10 02.2 | 00 34.23 +09 19.3 19.3 | -0.75 -12.1 | 2.1/04.4  | 43282 |
| 2004 VZ <sub>22</sub>  | 2008 10 02.2 | 00 34.26 +35 11.5 20.0 | -0.94 -10.9 | 10.9/14.7 | 77792 |
| 2005 VF <sub>92</sub>  | 2008 10 02.2 | 00 34.27 -01 02.3 20.7 | -1.00 - 5.7 | 1.8/30.8  | 43242 |
| 2000 FJ <sub>1</sub>   | 2008 10 02.2 | 00 34.28 -34 23.2 20.2 | -0.79 - 2.9 | 8.8/17.8  | 22668 |
| 2004 XX <sub>81</sub>  | 2008 10 02.2 | 00 34.28 -17 34.5 20.6 | -0.72 - 4.8 | 5.1/24.7  | 77794 |
| 2003 UE <sub>13</sub>  | 2008 10 02.2 | 00 34.29 -22 53.9 18.6 | -0.93 + 0.1 | 9.4/24.0  | 76048 |
| 2006 GS <sub>48</sub>  | 2008 10 02.2 | 00 34.29 +11 52.1 20.2 | -0.68 - 6.9 | 2.2/05.2  | 43267 |
| 2007 GP <sub>51</sub>  | 2008 10 02.2 | 00 34.31 -20 17.5 20.1 | -0.87 - 4.3 | 8.3/24.4  | 20615 |
| 2004 XK <sub>42</sub>  | 2008 10 02.2 | 00 34.31 -02 40.5 19.2 | -0.84 - 4.0 | 2.1/30.3  | 02230 |
| 2001 XL <sub>110</sub> | 2008 10 02.2 | 00 34.32 -10 32.0 19.8 | -0.94 - 5.4 | 6.1/27.6  | 97523 |
| 2005 XM <sub>103</sub> | 2008 10 02.2 | 00 34.39 -14 50.4 20.8 | -0.82 - 5.4 | 5.5/25.9  | 98030 |
| 2005 ED <sub>174</sub> | 2008 10 02.2 | 00 34.39 +02 25.0 21.5 | -0.66 - 8.1 | 0.3/01.8  | 77841 |
| 2003 SW <sub>75</sub>  | 2008 10 02.2 | 00 34.43 +04 34.8 18.9 | -0.89 + 0.5 | 0.4/02.5  | 87587 |
| 2002 EA <sub>74</sub>  | 2008 10 02.3 | 00 34.35 +04 37.8 18.8 | -1.17 + 1.5 | 0.3/02.5  | 43150 |
| 2003 SV <sub>108</sub> | 2008 10 02.3 | 00 34.35 +12 13.5 19.2 | -0.87 - 2.6 | 2.7/04.9  | 43178 |
| 2007 HY <sub>38</sub>  | 2008 10 02.3 | 00 34.42 +00 05.9 20.2 | -0.94 - 5.4 | 1.3/01.2  | 43282 |
| 2006 DC <sub>57</sub>  | 2008 10 02.3 | 00 34.44 +00 13.3 20.0 | -0.79 - 7.8 | 1.2/01.1  | 42802 |
| 2003 GB <sub>51</sub>  | 2008 10 02.3 | 00 34.46 -04 43.6 19.9 | -0.95 - 5.1 | 2.9/29.7  | 94979 |
| 2006 CW <sub>22</sub>  | 2008 10 02.3 | 00 34.46 +10 53.5 19.7 | -0.95 - 1.9 | 2.6/04.4  | 42800 |
| 2002 YP <sub>34</sub>  | 2008 10 02.3 | 00 34.47 -12 08.7 20.1 | -0.99 - 5.6 | 6.6/27.2  | 20772 |
| 2002 GC <sub>161</sub> | 2008 10 02.3 | 00 34.47 -08 51.3 20.8 | -0.80 - 5.4 | 3.6/28.1  | 94759 |
| 2006 DL <sub>164</sub> | 2008 10 02.3 | 00 34.48 +03 49.9 21.0 | -0.81 - 3.0 | 0.0/02.4  | 11162 |
| 2003 SB <sub>70</sub>  | 2008 10 02.3 | 00 34.48 +02 44.9 19.1 | -0.77 - 5.8 | 0.3/02.0  | 43177 |
| 2006 DU <sub>44</sub>  | 2008 10 02.3 | 00 34.49 +01 45.9 20.4 | -0.88 - 3.2 | 0.7/01.7  | 01353 |
| 2000 FR <sub>43</sub>  | 2008 10 02.3 | 00 34.49 -05 26.5 19.2 | -0.66 + 7.2 | 2.5/29.0  | 43105 |
| 2002 BG <sub>27</sub>  | 2008 10 02.3 | 00 34.49 -16 37.7 20.8 | -0.89 - 3.6 | 5.9/25.9  | 94555 |
| 2005 YE <sub>94</sub>  | 2008 10 02.3 | 00 34.52 -04 01.1 19.3 | -1.02 - 4.1 | 3.5/30.0  | 43247 |
| 2006 EL <sub>33</sub>  | 2008 10 02.3 | 00 34.56 +04 24.6 19.5 | -0.80 - 7.8 | 0.2/02.6  | 11164 |
| 2004 TS <sub>18</sub>  | 2008 10 02.3 | 00 34.60 -03 22.4 19.2 | -0.75 - 8.7 | 2.9/29.8  | 43214 |
| 2004 OZ <sub>5</sub>   | 2008 10 02.3 | 00 34.63 +19 52.1 19.0 | -1.08 - 2.2 | 7.5/07.3  | 42701 |
| 2002 PJ <sub>179</sub> | 2008 10 02.3 | 00 34.64 +30 44.1 20.3 | -0.82 - 2.4 | 10.3/12.1 | 10890 |
| 2003 UQ <sub>232</sub> | 2008 10 02.3 | 00 34.65 +08 22.4 19.7 | -0.76 - 6.3 | 1.4/04.0  | 43191 |
| 2003 CG <sub>6</sub>   | 2008 10 02.3 | 00 34.66 -06 34.7 20.5 | -0.60 - 4.0 | 2.3/28.8  | 10964 |
| 1998 BM <sub>33</sub>  | 2008 10 02.3 | 00 34.68 -05 04.7 19.6 | -0.87 - 4.8 | 2.6/29.6  | 97333 |
| 2003 WB <sub>83</sub>  | 2008 10 02.3 | 00 34.69 -02 00.3 20.0 | -0.71 - 9.0 | 1.7/30.2  | 43194 |
| 2003 TR <sub>55</sub>  | 2008 10 02.3 | 00 34.72 -04 53.8 20.0 | -0.71 - 7.2 | 2.6/29.3  | 95115 |
| 2005 UX <sub>59</sub>  | 2008 10 02.3 | 00 34.75 +07 01.2 18.3 | -0.88 - 8.1 | 1.6/03.5  | 43237 |
| 2003 UA <sub>154</sub> | 2008 10 02.3 | 00 34.77 +11 43.9 19.4 | -0.72 - 7.4 | 2.5/05.3  | 43189 |
| 2005 YQ <sub>125</sub> | 2008 10 02.3 | 00 34.77 +11 47.2 19.8 | -1.00 - 4.5 | 3.1/04.8  | 11153 |
| 2006 DL <sub>12</sub>  | 2008 10 02.4 | 00 34.72 -04 56.9 20.5 | -0.69 - 6.0 | 2.2/29.4  | 01331 |
| 2000 WH <sub>20</sub>  | 2008 10 02.4 | 00 34.74 -11 13.6 19.5 | -0.98 - 0.7 | 6.2/28.3  | 19531 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 EN <sub>23</sub>  | 2008 10 02.4 | 00 34.77 -01 20.9 19.9 | -0.99 - 2.0 | 1.9/01.0  | 41865 |
| 2004 DN <sub>28</sub>  | 2008 10 02.4 | 00 34.78 -01 24.8 20.5 | -0.58 - 3.9 | 1.1/30.6  | 11033 |
| 2000 EF <sub>27</sub>  | 2008 10 02.4 | 00 34.78 +12 37.4 19.0 | -0.85 - 2.4 | 2.8/05.1  | 43104 |
| 2002 PT <sub>180</sub> | 2008 10 02.4 | 00 34.78 +17 45.7 20.3 | -0.76 - 4.8 | 3.9/07.2  | 15738 |
| 2005 YF <sub>270</sub> | 2008 10 02.4 | 00 34.81 -02 51.7 20.0 | -0.86 - 6.9 | 2.4/30.2  | 43250 |
| 2006 AB <sub>28</sub>  | 2008 10 02.4 | 00 34.82 -06 23.1 19.8 | -0.71 - 8.1 | 3.1/28.7  | 43251 |
| 2002 GE <sub>94</sub>  | 2008 10 02.4 | 00 34.84 +07 14.4 20.1 | -0.88 - 6.2 | 1.1/03.6  | 02095 |
| 2006 BH <sub>8</sub>   | 2008 10 02.4 | 00 34.84 -07 48.7 21.9 | -0.69 - 5.9 | 2.8/28.4  | 98091 |
| 2004 KA <sub>11</sub>  | 2008 10 02.4 | 00 34.89 -07 44.2 20.6 | -0.96 - 6.8 | 4.5/28.8  | 18073 |
| 2005 UW <sub>432</sub> | 2008 10 02.4 | 00 34.89 +05 23.1 20.9 | -0.96 - 7.5 | 0.7/03.0  | 43240 |
| 2005 UF <sub>369</sub> | 2008 10 02.4 | 00 34.89 +07 35.5 20.2 | -0.92 - 9.1 | 1.3/03.8  | 43240 |
| 2002 EE <sub>9</sub>   | 2008 10 02.4 | 00 34.91 +17 22.6 21.2 | -0.95 - 3.0 | 4.0/06.6  | 94681 |
| 2001 TG <sub>189</sub> | 2008 10 02.4 | 00 34.91 +10 16.4 18.4 | -0.92 - 3.1 | 3.2/04.4  | 43132 |
| 2003 HP <sub>2</sub>   | 2008 10 02.4 | 00 34.93 -03 23.9 19.5 | -0.97 - 3.6 | 2.6/30.3  | 22732 |
| 2000 RC                | 2008 10 02.4 | 00 34.95 -07 02.2 18.3 | -0.88 -23.3 | 4.6/27.9  | 43108 |
| 1995 NR                | 2008 10 02.4 | 00 34.95 -35 59.4 21.4 | -0.84 - 1.4 | 9.1/18.3  | 01964 |
| 2003 ST <sub>269</sub> | 2008 10 02.4 | 00 34.96 -08 33.9 19.8 | -0.93 - 0.5 | 4.3/29.0  | 43182 |
| 2002 FJ <sub>8</sub>   | 2008 10 02.4 | 00 35.01 +09 09.3 21.5 | -0.88 - 4.8 | 1.6/04.2  | 02090 |
| 2001 TD <sub>99</sub>  | 2008 10 02.4 | 00 35.02 +10 16.0 19.7 | -0.91 - 7.1 | 2.7/04.6  | 43131 |
| 1996 RT <sub>29</sub>  | 2008 10 02.4 | 00 35.03 -04 06.9 19.5 | -0.56 - 1.1 | 1.4/29.9  | 22656 |
| 2007 HE <sub>68</sub>  | 2008 10 02.4 | 00 35.05 -02 15.6 19.8 | -0.94 - 5.0 | 2.4/30.6  | 43282 |
| 2002 FL <sub>9</sub>   | 2008 10 02.4 | 00 35.06 +03 49.6 20.0 | -0.76 - 8.6 | 0.0/02.5  | 94717 |
| 2006 FN <sub>42</sub>  | 2008 10 02.5 | 00 35.08 +07 56.8 19.0 | -0.65 -13.2 | 1.2/04.2  | 42810 |
| 2002 NP <sub>4</sub>   | 2008 10 02.5 | 00 35.09 +07 24.5 19.0 | -0.75 - 5.7 | 1.2/03.7  | 43156 |
| 2003 WS <sub>41</sub>  | 2008 10 02.5 | 00 35.09 +26 20.3 19.5 | -0.76 - 4.8 | 5.7/10.6  | 58054 |
| 2003 BD <sub>29</sub>  | 2008 10 02.5 | 00 35.10 +12 04.9 19.1 | -1.03 - 4.6 | 3.6/05.0  | 43167 |
| 2007 GF <sub>33</sub>  | 2008 10 02.5 | 00 35.12 -15 54.0 19.9 | -0.91 - 3.4 | 6.4/26.5  | 22887 |
| 2005 VF <sub>124</sub> | 2008 10 02.5 | 00 35.14 +15 34.4 20.1 | -0.99 - 6.0 | 4.7/06.3  | 21350 |
| 2004 TB <sub>52</sub>  | 2008 10 02.5 | 00 35.17 +12 44.3 19.4 | -0.77 - 9.4 | 3.4/05.8  | 74376 |
| 2002 EF <sub>88</sub>  | 2008 10 02.5 | 00 35.23 +00 04.8 19.9 | -0.76 - 9.1 | 1.1/01.2  | 43150 |
| 2001 YB <sub>31</sub>  | 2008 10 02.5 | 00 35.23 -06 31.4 20.0 | -0.97 - 3.6 | 3.8/29.5  | 20756 |
| 2007 EA <sub>105</sub> | 2008 10 02.5 | 00 35.24 +04 56.6 19.6 | -1.01 - 2.9 | 10.4/23.0 | 43276 |
| 2001 YU <sub>43</sub>  | 2008 10 02.5 | 00 35.25 +02 32.4 19.9 | -0.92 - 5.3 | 0.4/02.1  | 43141 |
| 2001 UA <sub>156</sub> | 2008 10 02.5 | 00 35.27 +04 06.9 18.8 | -0.79 - 7.6 | 0.1/02.7  | 20750 |
| 2001 SU <sub>93</sub>  | 2008 10 02.5 | 00 35.27 +06 30.0 19.2 | -0.85 - 7.4 | 1.3/03.5  | 94068 |
| 2002 EV <sub>139</sub> | 2008 10 02.5 | 00 35.29 -01 31.4 19.0 | -0.78 - 7.1 | 1.8/30.7  | 43151 |
| 2003 WL <sub>65</sub>  | 2008 10 02.5 | 00 35.30 +04 33.2 19.7 | -0.72 - 5.2 | 0.2/02.8  | 43193 |
| 2006 BX <sub>273</sub> | 2008 10 02.5 | 00 35.31 +00 33.5 20.6 | -0.87 - 4.7 | 1.1/01.5  | 09507 |
| 2001 SG <sub>166</sub> | 2008 10 02.5 | 00 35.33 +02 50.7 19.9 | -0.93 - 8.1 | 0.4/02.2  | 19544 |
| 2005 WT <sub>7</sub>   | 2008 10 02.5 | 00 35.37 -03 02.5 18.9 | -0.80 - 8.9 | 3.4/30.1  | 43243 |
| 2002 NQ <sub>3</sub>   | 2008 10 02.5 | 00 35.39 +03 48.4 19.0 | -0.66 -10.9 | 0.0/02.6  | 43155 |
| 2007 HU <sub>3</sub>   | 2008 10 02.5 | 00 35.40 -20 55.3 21.4 | -0.94 - 1.8 | 7.8/25.2  | 21364 |
| 2007 HN <sub>86</sub>  | 2008 10 02.5 | 00 35.42 -07 23.0 19.8 | -0.87 - 4.5 | 3.8/29.1  | 22890 |
| 2001 SB <sub>225</sub> | 2008 10 02.5 | 00 35.42 -00 49.0 19.2 | -0.75 - 8.5 | 2.3/30.9  | 43128 |
| 2004 PU <sub>86</sub>  | 2008 10 02.5 | 00 35.42 +03 41.8 19.6 | -1.00 - 2.1 | 0.1/02.5  | 18081 |
| 2006 DH <sub>22</sub>  | 2008 10 02.5 | 00 35.43 +00 17.5 20.1 | -0.76 - 4.5 | 1.0/01.4  | 01335 |
| 2005 CR <sub>10</sub>  | 2008 10 02.5 | 00 35.45 +10 47.3 19.3 | -0.85 - 2.3 | 2.2/04.7  | 76641 |
| 2005 UC <sub>509</sub> | 2008 10 02.5 | 00 35.46 -09 57.6 19.5 | -1.04 - 1.8 | 6.4/28.8  | 19667 |
| 2003 FD <sub>120</sub> | 2008 10 02.5 | 00 35.52 -08 39.8 19.4 | -0.93 - 6.4 | 4.7/28.5  | 20778 |
| 2007 HX <sub>53</sub>  | 2008 10 02.6 | 00 35.46 -03 50.9 21.2 | -1.01 - 5.0 | 2.9/30.3  | 20651 |
| 1999 VY <sub>101</sub> | 2008 10 02.6 | 00 35.46 +04 54.6 19.5 | -0.80 - 5.9 | 0.4/03.0  | 43101 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2007 JD <sub>28</sub>  | 2008 10 02.6 | 00 35.47 +03 58.3 20.2 | -0.76 - 6.2 | 7.8/23.0 | 43284 |
| 2005 AU <sub>2</sub>   | 2008 10 02.6 | 00 35.47 -11 45.5 20.0 | -0.76 - 4.9 | 4.7/27.3 | 02237 |
| 2006 DC <sub>193</sub> | 2008 10 02.6 | 00 35.48 +03 58.1 19.1 | -0.92 - 2.4 | 0.1/02.7 | 43263 |
| 2000 UO <sub>5</sub>   | 2008 10 02.6 | 00 35.48 -13 32.6 18.0 | -1.00 + 0.5 | 7.5/28.0 | 43112 |
| 2006 DX <sub>87</sub>  | 2008 10 02.6 | 00 35.50 +02 21.0 19.5 | -0.77 - 4.6 | 0.5/02.1 | 43261 |
| 2005 YZ <sub>48</sub>  | 2008 10 02.6 | 00 35.57 -04 28.7 20.7 | -0.90 - 6.3 | 3.0/29.9 | 11153 |
| 2001 FC <sub>74</sub>  | 2008 10 02.6 | 00 35.59 -02 10.3 20.7 | -0.77 - 4.2 | 1.6/30.7 | 43119 |
| 2002 GL <sub>65</sub>  | 2008 10 02.6 | 00 35.59 +04 09.5 20.6 | -0.86 - 5.5 | 7.7/13.0 | 43153 |
| 2003 UX <sub>16</sub>  | 2008 10 02.6 | 00 35.60 +21 08.6 18.6 | -0.89 - 2.3 | 6.4/08.2 | 43185 |
| 2001 YH <sub>130</sub> | 2008 10 02.6 | 00 35.63 -04 14.4 19.4 | -1.00 - 3.5 | 3.3/30.2 | 02060 |
| 2002 PP <sub>100</sub> | 2008 10 02.6 | 00 35.64 +15 36.3 20.0 | -0.75 - 6.8 | 3.8/06.9 | 21319 |
| 2003 GW <sub>5</sub>   | 2008 10 02.6 | 00 35.65 +04 05.4 20.5 | -0.93 - 5.2 | 0.1/02.7 | 20778 |
| 2001 SF <sub>281</sub> | 2008 10 02.6 | 00 35.67 +06 45.1 18.6 | -1.03 - 2.7 | 1.3/03.5 | 43129 |
| 2002 PY                | 2008 10 02.6 | 00 35.68 +30 17.3 18.0 | -0.70 - 9.5 | 8.4/14.0 | 40675 |
| 2005 YQ <sub>76</sub>  | 2008 10 02.6 | 00 35.69 -00 41.3 20.8 | -0.93 - 5.2 | 1.6/01.2 | 96741 |
| 2006 DS <sub>53</sub>  | 2008 10 02.6 | 00 35.69 +04 27.0 20.3 | -0.82 - 5.8 | 8.7/23.0 | 43260 |
| 2002 QC <sub>48</sub>  | 2008 10 02.6 | 00 35.70 -05 04.2 20.3 | -0.74 - 5.1 | 2.9/29.7 | 72699 |
| 2005 YG <sub>94</sub>  | 2008 10 02.6 | 00 35.70 +07 21.0 20.0 | -1.00 - 4.0 | 1.4/03.7 | 43248 |
| 2003 HQ <sub>35</sub>  | 2008 10 02.6 | 00 35.71 -04 43.1 19.5 | -0.57 - 1.2 | 1.5/29.9 | 43172 |
| 2000 DC <sub>72</sub>  | 2008 10 02.6 | 00 35.72 +11 42.6 19.5 | -0.87 - 1.6 | 2.2/05.0 | 43103 |
| 2004 VV <sub>77</sub>  | 2008 10 02.6 | 00 35.75 -09 29.1 18.6 | -0.69 -11.3 | 5.2/27.4 | 43223 |
| 2002 FS <sub>8</sub>   | 2008 10 02.6 | 00 35.82 +07 24.3 19.3 | -0.77 -10.5 | 1.2/04.0 | 43152 |
| 2004 RW <sub>213</sub> | 2008 10 02.6 | 00 35.82 +29 03.1 19.2 | -1.06 - 1.7 | 9.9/10.8 | 18092 |
| 2002 CL <sub>87</sub>  | 2008 10 02.6 | 00 35.84 -13 40.1 21.0 | -0.83 - 6.8 | 5.6/26.5 | 94596 |
| 2002 AE <sub>110</sub> | 2008 10 02.6 | 00 35.86 -01 51.8 20.3 | -0.88 - 5.3 | 2.0/30.9 | 43143 |
| 2005 UC <sub>201</sub> | 2008 10 02.6 | 00 35.86 +09 00.8 20.7 | -0.94 - 8.4 | 1.8/04.4 | 43239 |
| 2005 YB <sub>199</sub> | 2008 10 02.6 | 00 35.86 -05 36.9 20.3 | -0.89 - 7.2 | 3.6/29.5 | 02267 |
| 2001 QD <sub>153</sub> | 2008 10 02.7 | 00 35.80 +10 27.7 18.7 | -0.93 - 4.4 | 3.1/04.7 | 43123 |
| 2002 OJ <sub>6</sub>   | 2008 10 02.7 | 00 35.81 +25 22.2 19.6 | -0.80 - 5.1 | 6.2/10.6 | 43156 |
| 2003 WR <sub>38</sub>  | 2008 10 02.7 | 00 35.82 +27 19.0 19.1 | -0.79 - 4.9 | 7.0/11.3 | 57272 |
| 2006 CP <sub>45</sub>  | 2008 10 02.7 | 00 35.83 +11 26.6 20.5 | -0.96 - 3.5 | 2.7/05.0 | 97165 |
| 2005 UN <sub>378</sub> | 2008 10 02.7 | 00 35.88 +07 25.3 19.5 | -0.90 - 9.6 | 1.6/04.0 | 43240 |
| 2002 EK <sub>106</sub> | 2008 10 02.7 | 00 35.88 -06 03.9 19.5 | -0.50 - 2.5 | 1.8/29.3 | 43150 |
| 2003 UL <sub>261</sub> | 2008 10 02.7 | 00 35.89 -04 43.8 19.3 | -0.85 - 2.2 | 2.7/30.1 | 43191 |
| 2007 KY <sub>8</sub>   | 2008 10 02.7 | 00 35.94 -02 54.7 20.5 | -0.81 - 8.3 | 2.1/30.4 | 43284 |
| 1999 VQ <sub>130</sub> | 2008 10 02.7 | 00 35.94 -00 02.4 20.4 | -0.87 - 3.7 | 1.3/01.5 | 43101 |
| 2006 HR <sub>42</sub>  | 2008 10 02.7 | 00 35.94 +04 11.1 20.1 | -0.78 - 5.2 | 7.4/13.0 | 03898 |
| 2004 TB <sub>246</sub> | 2008 10 02.7 | 00 35.95 +02 21.9 19.7 | -0.88 - 4.9 | 0.7/02.3 | 43218 |
| 2006 FZ <sub>8</sub>   | 2008 10 02.7 | 00 35.97 -00 01.6 20.6 | -0.73 - 4.3 | 1.1/01.5 | 43265 |
| 2003 XT <sub>30</sub>  | 2008 10 02.7 | 00 35.97 -04 19.8 20.0 | -0.78 - 3.5 | 2.8/30.1 | 43196 |
| 2002 CG <sub>121</sub> | 2008 10 02.7 | 00 36.03 +06 40.9 20.6 | -0.87 - 5.7 | 0.9/03.7 | 97566 |
| 2000 OV <sub>7</sub>   | 2008 10 02.7 | 00 36.06 -02 58.5 18.8 | -0.85 -10.2 | 2.6/30.3 | 43106 |
| 2006 DK <sub>30</sub>  | 2008 10 02.7 | 00 36.07 -00 49.4 20.7 | -0.71 - 7.2 | 1.4/01.1 | 43259 |
| 2002 RD <sub>232</sub> | 2008 10 02.7 | 00 36.08 +16 54.0 19.7 | -0.88 - 1.8 | 3.8/06.7 | 04222 |
| 2003 FE <sub>105</sub> | 2008 10 02.7 | 00 36.10 +04 21.4 20.1 | -0.93 - 5.4 | 9.2/23.0 | 20778 |
| 2006 JV <sub>46</sub>  | 2008 10 02.7 | 00 36.10 +26 33.4 20.3 | -0.71 - 7.3 | 5.4/11.6 | 01769 |
| 1999 TH <sub>232</sub> | 2008 10 02.7 | 00 36.11 -12 45.6 18.1 | -0.70 -10.4 | 7.1/25.9 | 43099 |
| 2002 AK <sub>2</sub>   | 2008 10 02.7 | 00 36.14 -22 14.2 19.5 | -0.93 -17.3 | 9.7/21.1 | 00122 |
| 2001 XB <sub>176</sub> | 2008 10 02.7 | 00 36.15 -00 13.0 19.8 | -0.91 - 6.7 | 1.5/01.4 | 02055 |
| 2001 KT <sub>43</sub>  | 2008 10 02.7 | 00 36.15 -37 32.2 20.4 | -0.87 - 1.1 | 9.8/18.0 | 02035 |
| 2006 DG <sub>47</sub>  | 2008 10 02.7 | 00 36.17 +02 21.7 20.4 | -0.89 - 7.2 | 0.6/02.3 | 12396 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 LF <sub>58</sub>  | 2008 10 02.7 | 00 36.17 -07 36.2 19.9 | -0.78 - 5.2 | 3.7/29.0  | 94798 |
| 2003 WV <sub>76</sub>  | 2008 10 02.7 | 00 36.19 +16 59.3 19.9 | -0.76 - 5.6 | 4.0/07.3  | 21337 |
| 2000 BJ <sub>21</sub>  | 2008 10 02.7 | 00 36.21 +10 20.3 19.9 | -1.03 - 5.6 | 2.5/04.8  | 43103 |
| 2001 WH <sub>91</sub>  | 2008 10 02.7 | 00 36.22 +03 45.0 20.2 | -0.95 - 5.3 | 9.0/13.0  | 97514 |
| 2007 DQ <sub>53</sub>  | 2008 10 02.8 | 00 36.19 +07 15.3 21.2 | -1.00 - 5.7 | 1.2/03.8  | 42872 |
| 2002 RV <sub>274</sub> | 2008 10 02.8 | 00 36.20 -04 10.5 20.7 | -0.71 - 5.1 | 2.1/30.1  | 22415 |
| 2000 TN <sub>29</sub>  | 2008 10 02.8 | 00 36.21 +44 02.7 17.3 | -0.12 -22.6 | 16.4/23.0 | 40667 |
| 2005 YW <sub>290</sub> | 2008 10 02.8 | 00 36.22 +00 38.5 19.1 | -0.89 - 3.4 | 1.7/01.8  | 24049 |
| 2004 XZ <sub>82</sub>  | 2008 10 02.8 | 00 36.23 -00 44.4 19.3 | -0.82 - 4.6 | 1.6/01.3  | 43225 |
| 2004 VG <sub>6</sub>   | 2008 10 02.8 | 00 36.26 -03 06.2 19.4 | -0.85 - 4.9 | 2.6/30.6  | 43221 |
| 2006 GC <sub>22</sub>  | 2008 10 02.8 | 00 36.28 +04 15.3 21.0 | -0.68 - 7.3 | 6.9/13.0  | 01573 |
| 2002 CC <sub>118</sub> | 2008 10 02.8 | 00 36.28 -05 28.1 19.8 | -0.79 - 9.6 | 3.0/29.4  | 02075 |
| 2004 PB <sub>58</sub>  | 2008 10 02.8 | 00 36.28 -01 16.6 19.0 | -0.82 - 9.1 | 2.2/01.0  | 43204 |
| 2001 RV <sub>34</sub>  | 2008 10 02.8 | 00 36.29 +15 49.5 18.6 | -0.98 - 4.7 | 5.4/06.6  | 43124 |
| 2003 UF <sub>192</sub> | 2008 10 02.8 | 00 36.29 +01 45.7 19.0 | -0.81 - 3.8 | 0.7/02.2  | 43190 |
| 2001 TJ <sub>47</sub>  | 2008 10 02.8 | 00 36.34 -09 32.0 20.1 | -0.99 - 5.8 | 5.1/28.5  | 43130 |
| 2004 TU <sub>244</sub> | 2008 10 02.8 | 00 36.34 +07 23.6 19.2 | -0.87 - 5.7 | 1.4/04.0  | 43218 |
| 2003 WU <sub>111</sub> | 2008 10 02.8 | 00 36.34 +05 08.6 18.1 | -0.79 - 3.7 | 0.4/03.2  | 43194 |
| 2003 UR <sub>52</sub>  | 2008 10 02.8 | 00 36.34 +15 51.0 19.9 | -0.83 - 3.4 | 3.7/06.7  | 43186 |
| 2002 QK <sub>94</sub>  | 2008 10 02.8 | 00 36.38 +15 12.3 19.3 | -0.87 - 1.9 | 3.4/06.3  | 43160 |
| 2001 PM <sub>52</sub>  | 2008 10 02.8 | 00 36.38 -07 32.3 18.5 | -1.06 - 1.6 | 5.2/29.8  | 43121 |
| 2002 EG <sub>96</sub>  | 2008 10 02.8 | 00 36.39 +00 58.0 21.3 | -0.86 - 6.2 | 1.0/01.9  | 10866 |
| 2001 QQ <sub>52</sub>  | 2008 10 02.8 | 00 36.40 -06 10.9 18.7 | -0.82 - 5.9 | 5.0/29.5  | 43122 |
| 2003 WP <sub>127</sub> | 2008 10 02.8 | 00 36.42 +43 46.4 19.5 | -0.92 - 3.3 | 10.9/18.3 | 58070 |
| 2007 LY                | 2008 10 02.8 | 00 36.43 -09 55.7 20.8 | -0.78 - 6.9 | 4.3/28.0  | 22592 |
| 4310 P-L               | 2008 10 02.8 | 00 36.47 +06 21.3 18.4 | -0.88 - 1.6 | 0.9/03.6  | 89985 |
| 2004 TO <sub>74</sub>  | 2008 10 02.8 | 00 36.54 -15 07.4 20.5 | -1.01 - 0.6 | 5.4/27.5  | 02216 |
| 2006 DN <sub>132</sub> | 2008 10 02.8 | 00 36.54 -02 37.9 20.3 | -0.81 - 4.8 | 2.1/30.8  | 43262 |
| 2003 TO <sub>31</sub>  | 2008 10 02.8 | 00 36.54 -00 04.7 20.4 | -0.88 - 2.0 | 1.3/01.7  | 43185 |
| 2004 XJ <sub>10</sub>  | 2008 10 02.8 | 00 36.55 +20 40.4 18.9 | -0.81 - 7.1 | 5.7/08.9  | 97773 |
| 2000 DC <sub>99</sub>  | 2008 10 02.8 | 00 36.57 -04 12.1 19.9 | -0.93 - 7.7 | 2.9/30.2  | 43104 |
| 2000 JS <sub>22</sub>  | 2008 10 02.8 | 00 36.57 +09 53.1 19.1 | -0.91 - 8.4 | 2.3/04.9  | 43106 |
| 2001 QF <sub>154</sub> | 2008 10 02.8 | 00 36.57 -05 57.2 19.3 | -1.02 - 4.3 | 4.4/30.0  | 43123 |
| 2006 AA <sub>40</sub>  | 2008 10 02.8 | 00 36.57 +20 19.5 20.2 | -0.95 - 3.8 | 5.4/08.2  | 98080 |
| 2005 YE <sub>18</sub>  | 2008 10 02.8 | 00 36.58 +12 05.0 19.9 | -0.98 - 7.2 | 3.1/05.6  | 18166 |
| 2003 UK <sub>180</sub> | 2008 10 02.8 | 00 36.60 -08 34.7 19.6 | -0.78 - 4.5 | 3.8/28.7  | 18062 |
| 2003 GS <sub>25</sub>  | 2008 10 02.8 | 00 36.62 -02 36.6 20.7 | -0.93 - 5.3 | 2.3/30.9  | 43171 |
| 2002 CG <sub>263</sub> | 2008 10 02.9 | 00 36.53 -23 19.3 19.7 | -0.92 - 3.4 | 9.0/23.7  | 94652 |
| 2000 XO <sub>26</sub>  | 2008 10 02.9 | 00 36.54 +27 14.1 18.5 | -1.04 - 1.1 | 9.0/09.9  | 43116 |
| 2000 YR <sub>126</sub> | 2008 10 02.9 | 00 36.55 +01 00.1 18.7 | -0.95 - 3.7 | 1.2/02.0  | 43117 |
| 2002 FJ <sub>6</sub>   | 2008 10 02.9 | 00 36.56 -25 32.7 20.0 | -1.57 + 3.9 | 14.0/26.2 | 19576 |
| 2007 GC <sub>33</sub>  | 2008 10 02.9 | 00 36.63 +00 38.5 21.4 | -0.92 - 6.1 | 1.2/01.9  | 43279 |
| 2001 SW <sub>208</sub> | 2008 10 02.9 | 00 36.64 -03 07.1 18.5 | -0.91 - 3.1 | 3.5/30.8  | 43128 |
| 2000 DH <sub>10</sub>  | 2008 10 02.9 | 00 36.67 -06 04.3 19.0 | -0.85 - 9.5 | 4.5/29.3  | 20732 |
| 2006 FV <sub>45</sub>  | 2008 10 02.9 | 00 36.69 +02 50.7 19.8 | -0.76 - 7.1 | 0.3/02.6  | 43266 |
| 2002 PC <sub>185</sub> | 2008 10 02.9 | 00 36.69 -01 13.3 19.8 | -0.70 - 6.7 | 1.6/01.1  | 43159 |
| 2001 XE <sub>139</sub> | 2008 10 02.9 | 00 36.70 -01 06.0 19.1 | -0.84 - 4.7 | 2.5/01.3  | 43139 |
| 2001 TV <sub>175</sub> | 2008 10 02.9 | 00 36.70 +08 40.4 19.7 | -0.94 - 7.2 | 1.7/04.5  | 43132 |
| 2005 YV <sub>52</sub>  | 2008 10 02.9 | 00 36.72 +09 56.9 19.1 | -0.98 - 4.3 | 2.8/04.7  | 43247 |
| 2006 CK <sub>15</sub>  | 2008 10 02.9 | 00 36.75 -04 48.6 20.0 | -0.85 - 5.0 | 2.9/30.1  | 43258 |
| 2005 AX <sub>77</sub>  | 2008 10 02.9 | 00 36.78 +12 42.6 18.9 | -0.86 - 2.2 | 2.9/05.6  | 43228 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SO <sub>199</sub> | 2008 10 02.9 | 00 36.79 +04 46.9 18.6 | -0.84 - 3.1 | 0.3/03.2  | 02170 |
| 2001 SB <sub>186</sub> | 2008 10 02.9 | 00 36.80 -01 00.8 20.3 | -0.84 -10.0 | 2.1/01.2  | 42592 |
| 2005 EA <sub>228</sub> | 2008 10 02.9 | 00 36.82 +16 19.1 19.9 | -0.83 - 2.7 | 3.8/06.9  | 43231 |
| 2002 PB <sub>52</sub>  | 2008 10 02.9 | 00 36.83 -20 01.2 20.4 | -0.70 - 6.7 | 7.7/23.9  | 21119 |
| 2006 JB <sub>72</sub>  | 2008 10 02.9 | 00 36.84 +10 05.6 20.6 | -0.66 - 6.6 | 1.7/05.2  | 43268 |
| 2005 UT <sub>388</sub> | 2008 10 02.9 | 00 36.85 +04 22.8 19.6 | -1.09 - 3.2 | 12.3/23.0 | 21166 |
| 2004 RR <sub>235</sub> | 2008 10 02.9 | 00 36.85 -01 17.5 20.5 | -0.93 - 6.4 | 1.9/01.3  | 18093 |
| 2004 VS <sub>1</sub>   | 2008 10 02.9 | 00 36.86 -17 30.3 19.9 | -1.02 - 0.6 | 8.3/26.7  | 43221 |
| 2003 WS <sub>164</sub> | 2008 10 02.9 | 00 36.86 +03 23.7 20.8 | -0.72 - 4.8 | 0.2/02.8  | 76266 |
| 2002 QS <sub>64</sub>  | 2008 10 02.9 | 00 36.89 +14 01.2 21.3 | -0.85 - 2.6 | 2.7/06.1  | 94823 |
| 2005 YU <sub>47</sub>  | 2008 10 02.9 | 00 36.89 +05 08.5 20.4 | -0.99 - 4.7 | 0.4/03.3  | 96714 |
| 2002 CA <sub>309</sub> | 2008 10 02.9 | 00 36.90 +04 01.6 20.1 | -0.92 - 4.1 | 9.1/23.0  | 21313 |
| 2007 EV <sub>159</sub> | 2008 10 02.9 | 00 36.90 -04 11.5 19.5 | -0.93 - 7.4 | 3.2/30.3  | 43277 |
| 2003 UM <sub>258</sub> | 2008 10 02.9 | 00 36.90 +03 19.4 20.1 | -0.79 - 5.0 | 0.2/02.8  | 02189 |
| 2005 AG <sub>28</sub>  | 2008 10 02.9 | 00 36.91 +12 13.9 18.9 | -0.99 - 1.4 | 3.1/05.3  | 43228 |
| 2005 TK <sub>27</sub>  | 2008 10 02.9 | 00 36.91 -03 59.4 19.0 | -0.96 - 2.9 | 4.2/30.7  | 43234 |
| 2007 GD <sub>48</sub>  | 2008 10 02.9 | 00 36.94 +01 36.4 21.6 | -0.92 - 6.3 | 0.8/02.2  | 26271 |
| 2004 XR <sub>104</sub> | 2008 10 02.9 | 00 36.95 -33 30.9 20.8 | -0.80 - 2.1 | 8.0/19.3  | 02233 |
| 2001 SO <sub>228</sub> | 2008 10 03.0 | 00 36.89 +00 02.0 19.5 | -1.06 - 0.6 | 1.9/02.0  | 43128 |
| 2006 BS <sub>131</sub> | 2008 10 03.0 | 00 36.91 +01 15.3 19.3 | -0.81 - 6.0 | 1.0/02.1  | 43255 |
| 2005 YQ <sub>5</sub>   | 2008 10 03.0 | 00 36.93 -10 09.0 20.2 | -0.96 - 4.5 | 5.2/28.6  | 21351 |
| 2000 YM <sub>58</sub>  | 2008 10 03.0 | 00 36.93 +14 06.3 19.6 | -0.88 - 5.3 | 4.4/06.2  | 43117 |
| 2005 CD <sub>58</sub>  | 2008 10 03.0 | 00 36.96 +09 20.7 20.2 | -0.73 - 5.3 | 1.5/04.8  | 02243 |
| 2005 UT <sub>142</sub> | 2008 10 03.0 | 00 36.99 +07 27.6 19.9 | -0.97 - 7.8 | 1.4/04.2  | 43238 |
| 2006 FN <sub>1</sub>   | 2008 10 03.0 | 00 37.00 +03 47.1 21.7 | -0.80 - 5.4 | 0.1/03.0  | 04371 |
| 1999 VP <sub>88</sub>  | 2008 10 03.0 | 00 37.01 +00 59.7 19.4 | -0.82 - 5.3 | 1.1/02.1  | 43101 |
| 2002 EK <sub>48</sub>  | 2008 10 03.0 | 00 37.02 +03 41.6 21.0 | -0.86 - 6.8 | 0.1/02.9  | 02084 |
| 2006 DR <sub>206</sub> | 2008 10 03.0 | 00 37.07 +09 07.7 20.6 | -0.83 - 4.7 | 1.7/04.7  | 42807 |
| 2004 NX                | 2008 10 03.0 | 00 37.12 +15 44.1 19.4 | -0.97 - 6.3 | 4.6/06.9  | 95237 |
| 2004 VR <sub>82</sub>  | 2008 10 03.0 | 00 37.14 +25 15.2 19.0 | -0.84 - 7.5 | 7.5/11.0  | 02227 |
| 2001 XR <sub>94</sub>  | 2008 10 03.0 | 00 37.16 -04 42.1 19.4 | -0.97 - 3.9 | 3.1/30.5  | 43139 |
| 2007 ED <sub>71</sub>  | 2008 10 03.0 | 00 37.16 +01 14.5 20.1 | -1.09 - 2.6 | 1.1/02.3  | 21878 |
| 2003 QT <sub>40</sub>  | 2008 10 03.0 | 00 37.21 -03 19.3 18.9 | -0.79 - 6.3 | 2.6/30.6  | 43174 |
| 2002 JM <sub>144</sub> | 2008 10 03.0 | 00 37.22 -13 35.2 20.2 | -0.80 - 7.0 | 5.2/26.8  | 43155 |
| 2007 HF <sub>7</sub>   | 2008 10 03.0 | 00 37.22 -16 37.7 19.8 | -0.94 - 2.3 | 6.8/27.0  | 43281 |
| 2006 BQ <sub>262</sub> | 2008 10 03.0 | 00 37.23 +01 06.3 21.4 | -0.76 - 4.8 | 0.8/02.1  | 01299 |
| 2001 OL <sub>9</sub>   | 2008 10 03.0 | 00 37.24 -07 40.3 17.7 | -0.83 - 1.5 | 6.4/29.7  | 41764 |
| 2003 UY <sub>198</sub> | 2008 10 03.0 | 00 37.28 +11 49.3 19.1 | -0.71 - 8.3 | 2.7/06.0  | 43190 |
| 2004 WB <sub>5</sub>   | 2008 10 03.0 | 00 37.29 -13 41.0 19.6 | -1.06 + 0.3 | 6.8/28.4  | 00860 |
| 2007 DU <sub>53</sub>  | 2008 10 03.1 | 00 37.26 +07 16.1 19.1 | -0.94 - 5.6 | 1.5/04.1  | 43274 |
| 2002 NR <sub>21</sub>  | 2008 10 03.1 | 00 37.29 +32 39.5 19.3 | -0.90 - 4.2 | 8.5/14.1  | 43156 |
| 2006 DQ <sub>20</sub>  | 2008 10 03.1 | 00 37.30 +02 06.3 20.6 | -0.78 - 5.0 | 0.5/02.5  | 43259 |
| 2007 EP <sub>83</sub>  | 2008 10 03.1 | 00 37.31 +03 33.7 20.5 | -0.92 - 7.3 | 0.2/03.0  | 20854 |
| 2007 LC <sub>5</sub>   | 2008 10 03.1 | 00 37.33 -07 19.3 21.4 | -0.70 - 8.3 | 3.4/29.0  | 21371 |
| 2000 SB <sub>273</sub> | 2008 10 03.1 | 00 37.34 +09 59.7 18.3 | -0.84 - 8.9 | 2.4/05.3  | 43111 |
| 2003 WZ <sub>170</sub> | 2008 10 03.1 | 00 37.36 -25 39.9 19.1 | -0.76 - 3.7 | 10.1/22.1 | 42685 |
| 2006 DY <sub>31</sub>  | 2008 10 03.1 | 00 37.37 +03 57.3 19.8 | -0.77 - 4.8 | 0.0/03.1  | 43260 |
| 2007 GK <sub>74</sub>  | 2008 10 03.1 | 00 37.38 +16 29.6 20.0 | -0.99 - 3.6 | 4.0/07.0  | 20871 |
| 2003 SR <sub>232</sub> | 2008 10 03.1 | 00 37.39 -02 35.7 18.9 | -0.71 - 7.8 | 2.1/30.8  | 43181 |
| 1999 VJ <sub>99</sub>  | 2008 10 03.1 | 00 37.40 -05 46.2 19.5 | -0.92 - 1.5 | 3.9/30.4  | 43101 |
| 2002 GA <sub>103</sub> | 2008 10 03.1 | 00 37.41 +06 24.8 20.5 | -0.84 - 6.3 | 0.8/03.9  | 43153 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 GC <sub>52</sub>  | 2008 10 03.1 | 00 37.45 -03 47.5 20.5 | -0.90 - 7.2 | 2.7/30.6  | 20616 |
| 2001 BD <sub>83</sub>  | 2008 10 03.1 | 00 37.45 -04 32.3 20.1 | -0.83 - 6.0 | 3.2/30.3  | 07899 |
| 2003 UJ <sub>60</sub>  | 2008 10 03.1 | 00 37.46 +18 23.3 20.2 | -0.80 - 5.0 | 4.6/08.1  | 43186 |
| 2007 HZ <sub>66</sub>  | 2008 10 03.1 | 00 37.48 +06 33.3 20.3 | -0.70 - 9.6 | 0.8/04.1  | 43282 |
| 2006 HA <sub>15</sub>  | 2008 10 03.1 | 00 37.49 +02 41.6 20.9 | -0.78 - 4.4 | 0.4/02.7  | 43267 |
| 2000 YW <sub>92</sub>  | 2008 10 03.1 | 00 37.50 -19 23.7 18.4 | -0.76 - 5.9 | 9.8/24.2  | 43117 |
| 2003 WJ <sub>5</sub>   | 2008 10 03.1 | 00 37.53 -00 03.8 19.5 | -0.76 - 5.0 | 1.3/01.8  | 74299 |
| 2003 YQ <sub>32</sub>  | 2008 10 03.1 | 00 37.56 +31 43.9 18.0 | -0.73 - 3.9 | 11.3/14.2 | 43196 |
| 2005 UQ <sub>478</sub> | 2008 10 03.1 | 00 37.57 -00 40.5 21.6 | -0.93 - 6.1 | 1.5/01.7  | 20433 |
| 2005 YS <sub>170</sub> | 2008 10 03.1 | 00 37.57 -04 20.7 20.6 | -0.89 - 4.3 | 2.6/30.6  | 22805 |
| 2007 HO <sub>58</sub>  | 2008 10 03.1 | 00 37.59 -08 58.5 19.8 | -0.91 - 5.7 | 4.7/29.0  | 21223 |
| 2004 NT <sub>30</sub>  | 2008 10 03.1 | 00 37.61 -10 41.1 19.7 | -0.89 - 7.0 | 5.9/28.3  | 16274 |
| 2001 XS <sub>6</sub>   | 2008 10 03.1 | 00 37.63 +04 25.5 20.0 | -0.93 - 7.1 | 0.2/03.3  | 94319 |
| 2001 VM <sub>22</sub>  | 2008 10 03.1 | 00 37.64 -04 08.2 18.9 | -1.00 - 3.4 | 3.2/30.8  | 43135 |
| 2002 QA <sub>58</sub>  | 2008 10 03.1 | 00 37.65 +09 14.0 19.9 | -0.73 - 5.6 | 1.7/05.0  | 42620 |
| 2003 XU <sub>8</sub>   | 2008 10 03.1 | 00 37.66 +13 28.5 18.6 | -0.99 + 0.4 | 3.3/05.7  | 43196 |
| 2007 EP <sub>130</sub> | 2008 10 03.1 | 00 37.67 +03 07.8 20.5 | -0.94 - 6.7 | 0.4/02.9  | 19426 |
| 2001 UG <sub>159</sub> | 2008 10 03.1 | 00 37.67 -07 08.6 20.2 | -1.00 - 3.8 | 4.0/29.8  | 97497 |
| 2002 CG <sub>179</sub> | 2008 10 03.1 | 00 37.70 +08 02.4 20.1 | -0.91 - 4.5 | 1.3/04.4  | 43147 |
| 2003 FY <sub>38</sub>  | 2008 10 03.2 | 00 37.64 +07 27.2 20.6 | -0.95 - 5.3 | 1.2/04.3  | 22730 |
| 2003 WA <sub>1</sub>   | 2008 10 03.2 | 00 37.64 +00 00.4 19.2 | -0.76 - 4.8 | 1.4/01.9  | 43192 |
| 2004 KL <sub>10</sub>  | 2008 10 03.2 | 00 37.66 +09 51.3 19.6 | -0.92 - 9.5 | 2.3/05.2  | 95227 |
| 2002 GS <sub>152</sub> | 2008 10 03.2 | 00 37.67 -06 13.7 21.4 | -0.79 - 5.8 | 3.0/29.8  | 42612 |
| 2005 XS <sub>78</sub>  | 2008 10 03.2 | 00 37.67 -08 34.4 19.0 | -0.92 - 3.9 | 6.1/29.2  | 43246 |
| 2006 BX <sub>164</sub> | 2008 10 03.2 | 00 37.72 +00 46.2 20.1 | -0.83 - 6.3 | 1.1/02.1  | 43256 |
| 2003 ST <sub>339</sub> | 2008 10 03.2 | 00 37.73 -14 07.7 20.9 | -0.78 - 3.8 | 5.6/27.2  | 22746 |
| 2003 FR <sub>34</sub>  | 2008 10 03.2 | 00 37.75 +02 45.3 20.4 | -0.94 - 5.9 | 0.5/02.8  | 18047 |
| 2002 QK <sub>48</sub>  | 2008 10 03.2 | 00 37.76 -19 59.8 20.9 | -0.74 - 6.2 | 6.2/24.7  | 21319 |
| 2000 SH <sub>324</sub> | 2008 10 03.2 | 00 37.78 +04 59.2 19.4 | -0.81 - 8.6 | 0.3/03.6  | 43111 |
| 2004 VU <sub>8</sub>   | 2008 10 03.2 | 00 37.81 -18 57.4 19.0 | -0.95 - 0.6 | 9.7/26.2  | 43221 |
| 2003 YW <sub>91</sub>  | 2008 10 03.2 | 00 37.84 -26 54.5 19.8 | -0.83 - 1.3 | 8.7/22.9  | 66323 |
| 2001 SV <sub>253</sub> | 2008 10 03.2 | 00 37.86 -02 14.6 18.8 | -0.85 - 6.5 | 2.9/01.2  | 43129 |
| 1998 YQ <sub>20</sub>  | 2008 10 03.2 | 00 37.86 -04 23.4 19.8 | -0.95 - 5.7 | 3.1/30.6  | 97343 |
| 1997 SO <sub>19</sub>  | 2008 10 03.2 | 00 37.89 +08 46.6 20.2 | -0.84 - 2.7 | 1.4/04.7  | 43093 |
| 4322 P-L               | 2008 10 03.2 | 00 37.91 +08 18.4 19.3 | -0.51 - 2.6 | 0.8/04.7  | 31711 |
| 2006 GH <sub>21</sub>  | 2008 10 03.2 | 00 37.91 +05 35.4 20.4 | -0.79 - 5.1 | 0.5/03.8  | 01572 |
| 1999 VZ <sub>210</sub> | 2008 10 03.2 | 00 37.92 -20 52.7 17.5 | -0.66 + 1.0 | 13.0/24.5 | 2692  |
| 2003 SJ <sub>252</sub> | 2008 10 03.2 | 00 37.93 -24 14.4 18.6 | -0.92 + 0.3 | 9.5/24.5  | 43181 |
| 2007 LS <sub>6</sub>   | 2008 10 03.2 | 00 37.94 -10 03.7 20.2 | -0.75 - 4.6 | 4.6/28.6  | 21251 |
| 2004 TB <sub>44</sub>  | 2008 10 03.2 | 00 37.96 +04 29.9 19.4 | -0.98 - 3.7 | 0.2/03.4  | 43215 |
| 2002 AQ <sub>178</sub> | 2008 10 03.2 | 00 38.00 +01 18.2 19.8 | -0.88 - 5.5 | 0.9/02.4  | 43144 |
| 2006 BO <sub>46</sub>  | 2008 10 03.2 | 00 38.00 +09 32.5 22.5 | -0.82 - 4.4 | 1.5/05.0  | 02273 |
| 2004 TH <sub>318</sub> | 2008 10 03.2 | 00 38.00 +02 37.5 20.4 | -0.91 - 3.8 | 0.5/02.8  | 02223 |
| 2005 EJ <sub>222</sub> | 2008 10 03.2 | 00 38.01 -04 34.0 19.9 | -0.72 - 2.8 | 2.3/30.5  | 02248 |
| 2006 BC <sub>203</sub> | 2008 10 03.2 | 00 38.02 -12 57.7 20.9 | -0.72 - 5.8 | 4.6/27.4  | 38085 |
| 2006 BQ <sub>31</sub>  | 2008 10 03.2 | 00 38.02 -03 58.8 20.2 | -0.80 - 5.1 | 2.4/30.6  | 97001 |
| 1997 AW <sub>9</sub>   | 2008 10 03.2 | 00 38.04 -09 18.8 20.4 | -0.80 - 7.4 | 4.8/28.5  | 97329 |
| 3119 T-2               | 2008 10 03.2 | 00 38.09 -00 41.1 19.2 | -1.16 - 1.0 | 2.1/02.1  | 43320 |
| 2004 NM <sub>6</sub>   | 2008 10 03.3 | 00 37.98 -03 47.2 19.2 | -0.84 - 8.7 | 3.1/30.6  | 43202 |
| 2004 WX                | 2008 10 03.3 | 00 38.04 -06 27.4 18.2 | -0.77 - 4.9 | 4.8/29.8  | 43223 |
| 2002 NE <sub>66</sub>  | 2008 10 03.3 | 00 38.06 -00 49.3 21.0 | -0.78 - 4.7 | 1.6/01.7  | 43156 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 UC <sub>101</sub> | 2008 10 03.3 | 00 38.12 -08 09.1 19.1 | -0.92 - 0.9 | 4.4/29.8  | 43187 |
| 2005 WP <sub>151</sub> | 2008 10 03.3 | 00 38.15 -05 47.8 18.4 | -0.96 - 1.9 | 5.1/30.5  | 43244 |
| 2004 JK <sub>34</sub>  | 2008 10 03.3 | 00 38.15 -08 21.6 18.7 | -0.98 - 5.0 | 5.3/29.6  | 43201 |
| 2004 OW <sub>4</sub>   | 2008 10 03.3 | 00 38.19 +04 39.6 18.9 | -0.91 - 6.5 | 0.2/03.5  | 43203 |
| 1995 MJ <sub>7</sub>   | 2008 10 03.3 | 00 38.19 +04 01.0 19.5 | -0.68 - 7.5 | 0.0/03.3  | 01964 |
| 2004 PQ <sub>102</sub> | 2008 10 03.3 | 00 38.20 +14 34.5 19.5 | -0.95 - 4.8 | 4.2/06.7  | 43205 |
| 2005 UB <sub>527</sub> | 2008 10 03.3 | 00 38.21 +05 21.8 20.4 | -0.98 - 6.1 | 0.5/03.7  | 41221 |
| 2006 HQ <sub>16</sub>  | 2008 10 03.3 | 00 38.22 -03 05.9 20.2 | -0.88 - 2.4 | 2.3/01.2  | 11168 |
| 2002 EX <sub>112</sub> | 2008 10 03.3 | 00 38.23 +02 47.1 20.5 | -0.53 - 2.5 | 0.3/02.9  | 43151 |
| 2006 DA <sub>94</sub>  | 2008 10 03.3 | 00 38.23 +03 25.0 19.8 | -0.78 - 5.6 | 0.2/03.1  | 43262 |
| 2001 VB <sub>110</sub> | 2008 10 03.3 | 00 38.27 +03 27.2 20.3 | -0.97 - 5.2 | 0.3/03.2  | 97507 |
| 2001 XR <sub>79</sub>  | 2008 10 03.3 | 00 38.32 +00 13.5 19.9 | -0.91 - 7.1 | 1.6/02.1  | 02053 |
| 2007 GZ <sub>46</sub>  | 2008 10 03.3 | 00 38.36 -06 31.0 20.8 | -0.98 - 4.2 | 3.7/30.2  | 26271 |
| 2004 PZ <sub>2</sub>   | 2008 10 03.3 | 00 38.39 +01 39.4 19.4 | -0.92 - 4.4 | 1.1/02.6  | 21582 |
| 2003 SY <sub>40</sub>  | 2008 10 03.3 | 00 38.39 +11 03.3 19.8 | -0.67 -11.8 | 2.5/06.1  | 42644 |
| 2000 YV <sub>27</sub>  | 2008 10 03.3 | 00 38.39 -03 21.4 20.6 | -0.83 - 5.2 | 2.7/31.0  | 43116 |
| 1999 VC <sub>143</sub> | 2008 10 03.3 | 00 38.40 +08 45.9 19.5 | -0.80 - 6.1 | 1.8/05.0  | 43101 |
| 2004 WV <sub>3</sub>   | 2008 10 03.3 | 00 38.40 +02 31.4 20.0 | -0.82 - 5.8 | 0.5/02.9  | 43224 |
| 2004 TN <sub>53</sub>  | 2008 10 03.3 | 00 38.41 +01 00.5 20.2 | -0.91 - 4.0 | 1.2/02.4  | 97752 |
| 2000 WL <sub>45</sub>  | 2008 10 03.4 | 00 38.37 +07 52.4 18.4 | -0.75 - 9.3 | 1.5/04.8  | 43114 |
| 1999 RD <sub>125</sub> | 2008 10 03.4 | 00 38.37 +14 41.5 19.1 | -1.00 - 2.4 | 3.8/06.5  | 43097 |
| 2001 WX <sub>81</sub>  | 2008 10 03.4 | 00 38.40 +00 13.1 20.3 | -0.93 - 6.2 | 1.4/02.2  | 97513 |
| 2005 XG <sub>58</sub>  | 2008 10 03.4 | 00 38.41 -20 40.4 19.8 | -1.08 + 0.2 | 10.8/27.0 | 01161 |
| 2005 YV <sub>75</sub>  | 2008 10 03.4 | 00 38.42 +00 48.2 20.4 | -0.90 - 4.7 | 1.2/02.4  | 43247 |
| 2003 SN <sub>325</sub> | 2008 10 03.4 | 00 38.43 +01 04.2 20.5 | -0.80 - 4.5 | 1.0/02.4  | 08766 |
| 2002 RQ <sub>234</sub> | 2008 10 03.4 | 00 38.48 +12 23.9 19.9 | -0.85 - 2.1 | 2.6/05.9  | 43162 |
| 2003 DX <sub>1</sub>   | 2008 10 03.4 | 00 38.49 +00 45.0 20.2 | -0.95 - 5.1 | 1.2/02.4  | 20775 |
| 1997 CR <sub>6</sub>   | 2008 10 03.4 | 00 38.49 +55 24.9 17.6 | -1.71 + 9.4 | 22.1/19.4 | 77360 |
| 2002 ED <sub>62</sub>  | 2008 10 03.4 | 00 38.55 +10 35.6 20.2 | -0.94 - 3.7 | 2.2/05.4  | 43150 |
| 2000 DX <sub>59</sub>  | 2008 10 03.4 | 00 38.57 +13 14.1 20.0 | -0.80 - 2.7 | 2.3/06.3  | 21755 |
| 2003 SH <sub>229</sub> | 2008 10 03.4 | 00 38.57 -00 07.7 18.9 | -0.78 - 4.7 | 1.6/02.1  | 43181 |
| 2005 YP <sub>126</sub> | 2008 10 03.4 | 00 38.58 -02 51.7 20.9 | -0.91 - 4.9 | 2.3/01.3  | 98054 |
| 2004 XM <sub>76</sub>  | 2008 10 03.4 | 00 38.58 -24 15.9 19.1 | -0.88 - 1.4 | 10.4/24.3 | 43225 |
| 2004 RA <sub>95</sub>  | 2008 10 03.4 | 00 38.59 +14 53.0 19.5 | -0.99 - 4.7 | 3.9/06.8  | 43208 |
| 2000 XD <sub>53</sub>  | 2008 10 03.4 | 00 38.62 +00 15.3 19.3 | -0.96 - 2.1 | 1.3/02.4  | 02021 |
| 2006 AN <sub>100</sub> | 2008 10 03.4 | 00 38.63 -02 36.3 19.7 | -0.76 - 8.0 | 2.3/01.1  | 43252 |
| 2002 PT <sub>4</sub>   | 2008 10 03.4 | 00 38.66 +11 58.5 19.8 | -0.72 - 6.7 | 2.2/06.3  | 43157 |
| 2002 NU <sub>27</sub>  | 2008 10 03.4 | 00 38.71 +35 51.8 19.0 | -1.06 - 0.5 | 9.3/14.4  | 43156 |
| 2003 UX <sub>224</sub> | 2008 10 03.4 | 00 38.71 -07 42.7 20.0 | -0.89 - 0.6 | 3.2/30.2  | 04270 |
| 2001 UP <sub>207</sub> | 2008 10 03.4 | 00 38.74 -00 58.9 19.9 | -1.01 - 3.9 | 2.1/02.0  | 10825 |
| 2001 SL <sub>15</sub>  | 2008 10 03.4 | 00 38.75 +02 23.7 19.3 | -1.00 - 4.0 | 0.8/03.0  | 17947 |
| 2004 NZ <sub>4</sub>   | 2008 10 03.4 | 00 38.80 +50 11.6 19.7 | -1.43 + 0.7 | 17.0/22.5 | 95240 |
| 2003 WJ <sub>93</sub>  | 2008 10 03.5 | 00 38.71 +29 02.8 19.8 | -0.73 - 6.1 | 6.0/13.0  | 12860 |
| 2007 EG <sub>199</sub> | 2008 10 03.5 | 00 38.72 -40 38.9 20.8 | -0.98 - 2.5 | 12.3/18.0 | 22884 |
| 2001 UE <sub>58</sub>  | 2008 10 03.5 | 00 38.74 +09 40.3 18.8 | -0.80 - 8.7 | 2.6/05.5  | 42598 |
| 2004 TJ <sub>164</sub> | 2008 10 03.5 | 00 38.78 -00 27.7 19.0 | -0.87 - 5.1 | 1.8/02.0  | 43217 |
| 2090 T-1               | 2008 10 03.5 | 00 38.80 +01 56.9 19.7 | -0.84 - 7.7 | 0.7/02.8  | 02378 |
| 2002 AP <sub>103</sub> | 2008 10 03.5 | 00 38.80 +01 55.9 19.5 | -0.96 - 4.7 | 1.0/02.8  | 97549 |
| 2002 EH <sub>16</sub>  | 2008 10 03.5 | 00 38.81 +21 07.0 18.8 | -1.04 - 2.8 | 6.7/08.0  | 69277 |
| 2004 XV <sub>119</sub> | 2008 10 03.5 | 00 38.84 +00 39.7 20.4 | -0.79 - 5.2 | 1.1/02.4  | 11076 |
| 2006 HU <sub>23</sub>  | 2008 10 03.5 | 00 38.85 +00 29.9 22.4 | -0.71 - 4.5 | 0.9/02.3  | 01637 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 XJ <sub>177</sub> | 2008 10 03.5 | 00 38.88 -24 32.6 19.4 | -0.80 - 3.1 | 8.9/23.6  | 02235 |
| 2002 QX <sub>53</sub>  | 2008 10 03.5 | 00 38.88 -10 20.0 19.7 | -0.70 - 5.9 | 4.2/28.4  | 02119 |
| 2004 XX <sub>148</sub> | 2008 10 03.5 | 00 38.89 +28 21.5 18.7 | -0.88 - 2.1 | 10.7/11.7 | 42734 |
| 1998 BU <sub>23</sub>  | 2008 10 03.5 | 00 38.90 +02 10.1 19.2 | -0.87 - 5.8 | 0.7/02.9  | 43094 |
| 2001 SJ <sub>206</sub> | 2008 10 03.5 | 00 38.94 +06 36.3 19.3 | -1.06 - 3.4 | 0.9/04.2  | 43128 |
| 2003 KS <sub>2</sub>   | 2008 10 03.5 | 00 38.95 -00 09.0 20.9 | -0.93 - 5.4 | 1.5/02.2  | 97656 |
| 2003 SN <sub>185</sub> | 2008 10 03.5 | 00 38.95 +19 57.2 18.5 | -0.96 - 1.6 | 6.0/08.2  | 43180 |
| 2002 EG <sub>128</sub> | 2008 10 03.5 | 00 38.96 +09 46.7 17.4 | -1.05 + 0.9 | 2.6/05.0  | 43151 |
| 2002 EK <sub>73</sub>  | 2008 10 03.5 | 00 38.98 +07 25.2 19.9 | -0.87 - 4.0 | 1.0/04.6  | 97582 |
| 2007 GV <sub>61</sub>  | 2008 10 03.5 | 00 39.08 +00 04.2 21.2 | -0.91 - 6.3 | 1.4/02.3  | 20870 |
| 2006 DP <sub>60</sub>  | 2008 10 03.5 | 00 39.09 +03 43.2 20.4 | -0.72 - 7.3 | 0.2/03.4  | 43260 |
| 2006 HK <sub>4</sub>   | 2008 10 03.6 | 00 39.07 +02 48.7 20.4 | -0.80 - 6.1 | 0.4/03.1  | 11168 |
| 2001 QT <sub>180</sub> | 2008 10 03.6 | 00 39.11 -13 56.2 18.4 | -1.05 + 3.9 | 9.7/29.4  | 41766 |
| 2005 XC <sub>5</sub>   | 2008 10 03.6 | 00 39.11 -06 38.4 18.2 | -0.85 - 7.6 | 5.1/29.9  | 43245 |
| 2001 UP <sub>35</sub>  | 2008 10 03.6 | 00 39.14 -11 06.4 18.5 | -0.86 - 5.2 | 7.1/28.6  | 43133 |
| 2000 KO <sub>79</sub>  | 2008 10 03.6 | 00 39.15 -07 23.4 19.6 | -0.90 - 7.1 | 4.6/29.8  | 16139 |
| 2003 SM <sub>321</sub> | 2008 10 03.6 | 00 39.17 +10 31.7 19.3 | -0.88 - 2.4 | 2.1/05.5  | 43183 |
| 2007 FL <sub>40</sub>  | 2008 10 03.6 | 00 39.20 +03 19.3 21.8 | -1.00 - 3.9 | 0.3/03.4  | 41869 |
| 2001 FK <sub>79</sub>  | 2008 10 03.6 | 00 39.23 -01 25.9 20.0 | -0.78 - 4.8 | 1.7/01.8  | 43119 |
| 2002 RP <sub>164</sub> | 2008 10 03.6 | 00 39.23 +06 31.0 20.2 | -0.78 - 3.5 | 0.7/04.4  | 43162 |
| 2003 FD <sub>15</sub>  | 2008 10 03.6 | 00 39.24 +06 44.0 20.6 | -1.01 - 4.4 | 0.9/04.4  | 94943 |
| 2006 HK <sub>75</sub>  | 2008 10 03.6 | 00 39.30 -06 52.8 22.1 | -0.68 - 5.6 | 2.7/29.8  | 01692 |
| 2005 AL <sub>60</sub>  | 2008 10 03.6 | 00 39.32 +01 29.9 20.4 | -0.75 - 3.8 | 0.8/02.8  | 43228 |
| 2000 YB <sub>38</sub>  | 2008 10 03.6 | 00 39.34 -18 30.4 19.5 | -0.84 - 5.9 | 7.6/25.4  | 43117 |
| 2002 EX <sub>56</sub>  | 2008 10 03.6 | 00 39.37 +05 59.5 19.6 | -0.84 - 6.3 | 0.6/04.2  | 43150 |
| 2002 RG <sub>16</sub>  | 2008 10 03.6 | 00 39.38 +15 51.3 19.8 | -0.84 - 2.7 | 3.2/07.3  | 43161 |
| 2000 SZ <sub>294</sub> | 2008 10 03.6 | 00 39.40 +38 53.0 18.3 | -0.78 -16.1 | 12.4/20.4 | 74032 |
| 1995 HD <sub>4</sub>   | 2008 10 03.6 | 00 39.40 -02 36.8 19.7 | -0.90 - 5.8 | 2.4/01.5  | 43092 |
| 1991 TU <sub>16</sub>  | 2008 10 03.6 | 00 39.42 -14 45.5 19.4 | -1.03 0.0   | 7.2/28.4  | 43091 |
| 2002 QH <sub>79</sub>  | 2008 10 03.6 | 00 39.43 +12 45.1 20.2 | -0.76 - 4.7 | 2.3/06.5  | 43160 |
| 2006 DV <sub>17</sub>  | 2008 10 03.6 | 00 39.43 -01 29.2 19.6 | -0.94 - 4.8 | 2.5/01.9  | 43259 |
| 2005 YF <sub>43</sub>  | 2008 10 03.6 | 00 39.44 -11 05.5 19.1 | -0.79 - 6.7 | 7.5/28.2  | 43247 |
| 2003 WU <sub>53</sub>  | 2008 10 03.6 | 00 39.46 +06 28.5 19.4 | -0.82 - 3.6 | 0.7/04.4  | 43193 |
| 2003 UZ <sub>23</sub>  | 2008 10 03.6 | 00 39.48 +08 45.9 19.5 | -0.90 - 1.7 | 1.6/05.0  | 57989 |
| 2004 RV <sub>218</sub> | 2008 10 03.6 | 00 39.49 +25 26.2 18.7 | -0.98 - 3.0 | 8.8/10.7  | 95418 |
| 2006 DC <sub>206</sub> | 2008 10 03.7 | 00 39.43 +10 37.5 20.4 | -0.99 - 1.8 | 2.2/05.5  | 02302 |
| 2002 QQ <sub>104</sub> | 2008 10 03.7 | 00 39.46 +15 41.4 20.6 | -0.77 - 4.6 | 3.1/07.6  | 21121 |
| 2007 JV <sub>21</sub>  | 2008 10 03.7 | 00 39.47 +02 20.1 21.3 | -0.88 - 5.4 | 0.6/03.1  | 22891 |
| 2005 YJ <sub>42</sub>  | 2008 10 03.7 | 00 39.49 +14 51.7 19.6 | -0.98 - 6.0 | 4.0/07.1  | 43247 |
| 2000 CZ <sub>71</sub>  | 2008 10 03.7 | 00 39.50 +05 57.7 20.3 | -1.00 - 5.9 | 0.7/04.2  | 43103 |
| 2004 RZ <sub>200</sub> | 2008 10 03.7 | 00 39.50 +23 47.0 17.6 | -0.38 -12.3 | 9.5/13.1  | 42712 |
| 2003 MU <sub>9</sub>   | 2008 10 03.7 | 00 39.50 -23 29.8 18.9 | -0.82 - 5.0 | 10.7/23.9 | 20781 |
| 2003 UT <sub>376</sub> | 2008 10 03.7 | 00 39.53 +05 51.7 20.3 | -0.79 - 5.3 | 0.6/04.3  | 43192 |
| 2002 GK <sub>170</sub> | 2008 10 03.7 | 00 39.57 +08 20.4 20.1 | -0.87 - 5.9 | 1.3/05.1  | 43154 |
| 2002 CV <sub>166</sub> | 2008 10 03.7 | 00 39.60 +00 11.5 20.9 | -0.89 - 4.2 | 1.2/02.5  | 17996 |
| 2002 EY <sub>116</sub> | 2008 10 03.7 | 00 39.65 +01 28.0 20.2 | -0.88 - 4.3 | 1.0/02.9  | 43151 |
| 2003 UY <sub>53</sub>  | 2008 10 03.7 | 00 39.68 +08 57.8 20.0 | -0.91 - 1.1 | 1.7/05.1  | 57995 |
| 1996 XY <sub>20</sub>  | 2008 10 03.7 | 00 39.70 -06 36.6 20.4 | -0.92 - 4.1 | 3.7/30.4  | 21748 |
| 2000 SF <sub>25</sub>  | 2008 10 03.7 | 00 39.71 +25 34.5 17.9 | -1.06 + 1.0 | 9.7/09.7  | 43108 |
| 2003 SC <sub>229</sub> | 2008 10 03.7 | 00 39.71 -02 07.2 20.3 | -0.88 - 1.7 | 2.1/01.9  | 00562 |
| 1998 HB <sub>7</sub>   | 2008 10 03.7 | 00 39.72 -29 32.4 20.1 | -1.19 + 1.0 | 10.3/23.9 | 07752 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 RO <sub>238</sub> | 2008 10 03.7 | 00 39.75 +00 55.1 20.4 | -0.83 - 9.7 | 1.2/02.6  | 19628 |
| 2001 QZ <sub>128</sub> | 2008 10 03.7 | 00 39.80 +08 48.7 17.7 | -0.83 - 9.7 | 2.1/05.4  | 43122 |
| 2002 EO <sub>7</sub>   | 2008 10 03.7 | 00 39.82 -23 16.8 21.2 | -0.86 - 5.2 | 7.9/23.9  | 18000 |
| 2004 RV <sub>40</sub>  | 2008 10 03.7 | 00 39.84 +05 32.8 19.7 | -0.91 - 5.6 | 0.5/04.2  | 02208 |
| 2001 VP <sub>7</sub>   | 2008 10 03.7 | 00 39.84 +01 59.8 20.0 | -0.94 - 5.4 | 0.8/03.1  | 08105 |
| 2005 UV <sub>456</sub> | 2008 10 03.8 | 00 39.79 -28 19.8 20.2 | -1.20 + 0.3 | 11.1/24.3 | 96330 |
| 2007 OW <sub>5</sub>   | 2008 10 03.8 | 00 39.81 -02 48.0 19.6 | -0.52 - 2.4 | 1.4/01.4  | 41349 |
| 2002 AQ <sub>195</sub> | 2008 10 03.8 | 00 39.82 -08 42.7 20.8 | -0.87 - 5.4 | 4.3/29.6  | 94543 |
| 2004 XU <sub>135</sub> | 2008 10 03.8 | 00 39.85 +18 37.2 20.0 | -0.81 - 4.4 | 3.9/08.6  | 02234 |
| 2007 ER <sub>122</sub> | 2008 10 03.8 | 00 39.85 +10 40.6 20.5 | -1.04 - 5.8 | 2.3/05.8  | 43276 |
| 2007 JH <sub>4</sub>   | 2008 10 03.8 | 00 39.85 -32 59.1 20.4 | -1.03 - 0.4 | 11.9/21.8 | 26286 |
| 2007 ET <sub>160</sub> | 2008 10 03.8 | 00 39.85 +10 14.5 19.8 | -1.04 - 4.8 | 2.2/05.6  | 19720 |
| 2004 TW <sub>266</sub> | 2008 10 03.8 | 00 39.86 +06 14.0 19.5 | -0.84 - 6.9 | 0.7/04.5  | 43219 |
| 2000 GD <sub>44</sub>  | 2008 10 03.8 | 00 39.86 +02 18.2 20.7 | -0.99 - 5.2 | 0.7/03.2  | 20733 |
| 2002 NJ <sub>24</sub>  | 2008 10 03.8 | 00 39.89 +19 16.2 17.9 | -0.76 - 5.1 | 5.5/09.1  | 43156 |
| 2005 YR <sub>145</sub> | 2008 10 03.8 | 00 39.93 -08 23.9 20.2 | -0.99 - 4.2 | 5.1/29.9  | 37495 |
| 2002 CP <sub>260</sub> | 2008 10 03.8 | 00 39.94 +00 37.0 19.5 | -0.96 - 4.4 | 1.5/02.7  | 94651 |
| 2000 YX <sub>49</sub>  | 2008 10 03.8 | 00 39.97 -06 08.8 19.4 | -0.87 - 5.2 | 4.3/30.4  | 77493 |
| 2002 RG <sub>115</sub> | 2008 10 03.8 | 00 39.97 +10 49.6 19.0 | -0.74 - 5.2 | 2.1/06.0  | 43162 |
| 2003 SS <sub>250</sub> | 2008 10 03.8 | 00 40.05 -08 37.2 18.7 | -0.97 + 0.7 | 4.9/30.4  | 43181 |
| 2007 EW <sub>97</sub>  | 2008 10 03.8 | 00 40.07 -13 41.7 18.9 | -0.87 -21.7 | 7.7/26.1  | 43276 |
| 2005 UG <sub>54</sub>  | 2008 10 03.8 | 00 40.08 +01 10.7 19.6 | -0.93 - 7.1 | 1.5/02.8  | 20412 |
| 2002 AZ <sub>78</sub>  | 2008 10 03.8 | 00 40.10 -02 34.1 20.1 | -0.94 - 5.3 | 2.6/01.7  | 43143 |
| 2003 UR <sub>162</sub> | 2008 10 03.8 | 00 40.11 -01 57.8 20.4 | -0.76 - 5.0 | 1.7/01.8  | 76110 |
| 1999 XN <sub>151</sub> | 2008 10 03.8 | 00 40.12 -00 18.3 20.0 | -0.78 - 4.6 | 1.5/02.4  | 43102 |
| 2000 HA <sub>50</sub>  | 2008 10 03.8 | 00 40.14 +09 49.2 19.3 | -0.93 - 7.9 | 2.3/05.7  | 43106 |
| 2007 ET <sub>45</sub>  | 2008 10 03.8 | 00 40.15 +02 59.4 18.8 | -1.02 - 2.1 | 0.6/03.5  | 20852 |
| 2006 BQ <sub>89</sub>  | 2008 10 03.8 | 00 40.16 -05 40.2 19.5 | -0.81 - 5.6 | 3.4/30.6  | 21355 |
| 2002 NK <sub>27</sub>  | 2008 10 03.8 | 00 40.17 +37 11.4 19.5 | -1.12 + 0.1 | 9.4/14.9  | 21317 |
| 2004 UE <sub>4</sub>   | 2008 10 03.8 | 00 40.21 +20 01.9 19.1 | -1.24 + 1.4 | 5.3/07.6  | 43221 |
| 2001 JU <sub>7</sub>   | 2008 10 03.8 | 00 40.22 -07 42.9 20.6 | -0.78 - 3.1 | 3.3/30.1  | 17931 |
| 2001 SZ <sub>116</sub> | 2008 10 03.8 | 00 40.24 +15 34.3 19.3 | -0.96 - 5.8 | 4.9/07.5  | 43127 |
| 2006 DN <sub>116</sub> | 2008 10 03.9 | 00 40.17 +01 41.8 19.9 | -0.87 - 3.3 | 0.8/03.1  | 35939 |
| 2005 WN <sub>15</sub>  | 2008 10 03.9 | 00 40.19 -04 14.6 19.8 | -0.99 - 4.6 | 3.1/01.3  | 22803 |
| 2007 GD <sub>61</sub>  | 2008 10 03.9 | 00 40.19 +08 23.4 19.9 | -0.97 - 6.5 | 1.5/05.2  | 43280 |
| 2000 KA <sub>49</sub>  | 2008 10 03.9 | 00 40.21 -08 30.0 19.8 | -0.94 - 4.9 | 5.3/30.0  | 04137 |
| 2003 BE <sub>17</sub>  | 2008 10 03.9 | 00 40.23 +32 11.8 20.4 | -1.31 + 0.1 | 9.7/11.9  | 70354 |
| 2003 SF <sub>137</sub> | 2008 10 03.9 | 00 40.23 +10 38.7 19.5 | -0.72 - 8.2 | 2.0/06.2  | 43178 |
| 2006 BU <sub>17</sub>  | 2008 10 03.9 | 00 40.23 +02 44.5 20.3 | -0.94 - 6.6 | 0.6/03.4  | 02271 |
| 2006 BW <sub>112</sub> | 2008 10 03.9 | 00 40.24 -00 49.9 20.5 | -0.86 - 5.1 | 1.8/02.3  | 20838 |
| 2002 TF <sub>350</sub> | 2008 10 03.9 | 00 40.25 +15 22.0 20.3 | -0.73 - 6.2 | 3.4/07.8  | 29626 |
| 2002 RT <sub>159</sub> | 2008 10 03.9 | 00 40.27 +00 54.6 19.5 | -0.69 - 6.2 | 1.1/02.7  | 42623 |
| 1998 WR <sub>34</sub>  | 2008 10 03.9 | 00 40.28 -15 57.1 20.1 | -0.93 - 0.1 | 7.1/28.1  | 43095 |
| 2007 GQ <sub>30</sub>  | 2008 10 03.9 | 00 40.28 +06 23.1 19.8 | -0.87 - 8.4 | 0.8/04.6  | 43279 |
| 2003 SM <sub>181</sub> | 2008 10 03.9 | 00 40.30 +05 55.4 19.4 | -0.79 - 5.1 | 0.5/04.5  | 43180 |
| 2006 BT <sub>91</sub>  | 2008 10 03.9 | 00 40.31 +23 28.1 19.0 | -1.06 + 0.3 | 8.6/09.4  | 43254 |
| 2006 DJ <sub>195</sub> | 2008 10 03.9 | 00 40.32 -04 19.4 19.8 | -0.72 - 4.8 | 2.3/01.1  | 01441 |
| 2004 QL <sub>3</sub>   | 2008 10 03.9 | 00 40.33 +39 44.6 17.9 | -2.00 +15.2 | 17.8/07.5 | 41809 |
| 2004 VD <sub>30</sub>  | 2008 10 03.9 | 00 40.37 +02 10.5 19.4 | -0.84 - 5.9 | 0.8/03.2  | 43222 |
| 2000 YY <sub>73</sub>  | 2008 10 03.9 | 00 40.41 -15 50.3 20.3 | -0.85 - 4.7 | 5.8/27.1  | 02023 |
| 2007 HZ <sub>31</sub>  | 2008 10 03.9 | 00 40.41 +05 59.3 20.2 | -0.88 - 5.1 | 0.6/04.5  | 20640 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 XE <sub>3</sub>   | 2008 10 03.9 | 00 40.41 +27 13.5 18.3 | -0.94 - 2.8 | 9.7/11.4  | 43115 |
| 2002 QK <sub>113</sub> | 2008 10 03.9 | 00 40.43 +16 16.5 20.3 | -0.73 - 5.7 | 3.3/08.1  | 22709 |
| 2004 TY <sub>156</sub> | 2008 10 03.9 | 00 40.48 -00 22.7 20.1 | -0.96 - 2.8 | 1.6/02.6  | 43217 |
| 2003 UQ <sub>214</sub> | 2008 10 03.9 | 00 40.52 +06 04.8 18.6 | -0.90 - 1.8 | 0.6/04.5  | 43190 |
| 2006 AY <sub>33</sub>  | 2008 10 03.9 | 00 40.61 +43 24.8 22.1 | -1.19 - 0.9 | 9.9/17.5  | 02269 |
| 2004 PC <sub>92</sub>  | 2008 10 04.0 | 00 40.52 +15 10.9 19.7 | -0.93 - 4.6 | 4.6/07.5  | 43205 |
| 2001 TK <sub>12</sub>  | 2008 10 04.0 | 00 40.59 -05 28.1 18.7 | -1.01 - 3.9 | 4.3/01.0  | 43130 |
| 2007 DD <sub>53</sub>  | 2008 10 04.0 | 00 40.61 +08 15.8 20.2 | -0.98 - 6.6 | 1.5/05.3  | 43273 |
| 2002 GQ <sub>161</sub> | 2008 10 04.0 | 00 40.66 -12 03.8 19.8 | -0.93 - 2.0 | 4.9/29.3  | 33993 |
| 2000 DW <sub>104</sub> | 2008 10 04.0 | 00 40.67 -06 55.2 19.9 | -0.95 - 6.8 | 4.1/30.4  | 19521 |
| 2001 XQ <sub>247</sub> | 2008 10 04.0 | 00 40.73 +15 28.5 18.9 | -0.96 - 4.7 | 4.5/07.5  | 43141 |
| 2003 FN <sub>100</sub> | 2008 10 04.0 | 00 40.78 -04 16.6 20.0 | -0.88 - 7.3 | 3.0/01.2  | 43170 |
| 2003 HA <sub>4</sub>   | 2008 10 04.0 | 00 40.79 +01 32.2 20.9 | -0.95 - 4.3 | 1.0/03.2  | 43171 |
| 2002 AT <sub>168</sub> | 2008 10 04.0 | 00 40.80 -07 51.0 19.6 | -0.88 - 6.6 | 4.8/29.9  | 43144 |
| 1999 UH <sub>11</sub>  | 2008 10 04.0 | 00 40.80 +08 58.9 19.8 | -0.84 - 4.7 | 1.6/05.5  | 43100 |
| 2005 EV <sub>9</sub>   | 2008 10 04.0 | 00 40.81 +04 38.3 20.6 | -0.73 - 5.2 | 0.1/04.1  | 09119 |
| 1998 XU <sub>61</sub>  | 2008 10 04.0 | 00 40.82 -06 17.0 19.4 | -1.00 - 5.2 | 4.7/30.7  | 43096 |
| 2004 HC <sub>20</sub>  | 2008 10 04.0 | 00 40.84 +08 27.4 19.6 | -0.97 - 8.1 | 1.7/05.4  | 43200 |
| 2004 RF <sub>325</sub> | 2008 10 04.0 | 00 40.87 +10 25.7 18.2 | -0.99 + 0.9 | 2.9/05.6  | 97744 |
| 2005 YH <sub>148</sub> | 2008 10 04.0 | 00 40.88 +12 20.1 21.8 | -0.86 - 4.5 | 2.2/06.6  | 43248 |
| 2006 DG <sub>192</sub> | 2008 10 04.0 | 00 40.88 -02 44.8 19.6 | -0.69 - 7.5 | 2.3/01.5  | 01439 |
| 2005 GO <sub>154</sub> | 2008 10 04.0 | 00 40.89 -04 38.4 20.5 | -0.63 - 2.8 | 2.0/01.1  | 77155 |
| 2006 BY <sub>96</sub>  | 2008 10 04.0 | 00 40.89 -02 00.4 19.7 | -0.80 - 5.9 | 2.1/02.0  | 01249 |
| 1999 TJ <sub>76</sub>  | 2008 10 04.0 | 00 40.92 +01 59.3 20.0 | -0.86 - 3.8 | 0.9/03.3  | 43098 |
| 2005 CJ <sub>59</sub>  | 2008 10 04.0 | 00 40.92 +02 40.3 20.4 | -0.69 - 6.1 | 0.5/03.5  | 21349 |
| 2002 PH <sub>34</sub>  | 2008 10 04.0 | 00 40.92 -33 37.1 18.4 | -0.49 -12.1 | 14.8/18.0 | 85552 |
| 2004 TK <sub>264</sub> | 2008 10 04.0 | 00 40.93 +02 27.6 18.7 | -0.94 - 3.4 | 0.7/03.5  | 43219 |
| 2002 QU <sub>88</sub>  | 2008 10 04.0 | 00 40.94 -02 39.5 20.0 | -0.69 - 6.8 | 2.0/01.6  | 43160 |
| 2002 GE <sub>99</sub>  | 2008 10 04.0 | 00 40.94 +10 05.5 19.2 | -0.80 - 8.3 | 1.9/06.1  | 43153 |
| 2001 VK <sub>78</sub>  | 2008 10 04.0 | 00 40.98 -26 51.0 19.9 | -1.13 - 0.1 | 10.0/25.0 | 97506 |
| 2006 DR <sub>64</sub>  | 2008 10 04.0 | 00 40.98 +12 18.4 19.8 | -0.97 - 2.2 | 2.5/06.4  | 43261 |
| 2004 RW <sub>221</sub> | 2008 10 04.1 | 00 40.91 +07 01.3 19.9 | -0.85 - 7.9 | 1.0/05.0  | 43210 |
| 2005 AL <sub>40</sub>  | 2008 10 04.1 | 00 40.92 -22 20.1 20.2 | -0.75 - 3.8 | 7.1/24.6  | 00903 |
| 2000 HL <sub>102</sub> | 2008 10 04.1 | 00 40.97 +00 49.8 21.0 | -0.99 - 5.1 | 1.3/03.0  | 20734 |
| 2003 WB <sub>112</sub> | 2008 10 04.1 | 00 40.98 +18 55.2 19.9 | -0.77 - 4.7 | 4.2/09.1  | 21149 |
| 2007 DW <sub>64</sub>  | 2008 10 04.1 | 00 40.99 +06 56.4 21.9 | -1.00 - 5.7 | 0.9/04.9  | 41320 |
| 2003 GM <sub>6</sub>   | 2008 10 04.1 | 00 41.01 +05 24.8 19.4 | -0.81 -10.0 | 0.3/04.5  | 43171 |
| 2006 DC <sub>8</sub>   | 2008 10 04.1 | 00 41.01 +03 39.6 19.7 | -0.87 - 3.2 | 0.3/03.9  | 01328 |
| 2004 VG <sub>1</sub>   | 2008 10 04.1 | 00 41.04 -12 35.2 19.4 | -1.03 + 0.4 | 6.7/29.8  | 19174 |
| 2004 RC <sub>79</sub>  | 2008 10 04.1 | 00 41.05 +03 25.9 19.0 | -0.94 - 2.4 | 0.5/03.9  | 43208 |
| 2001 SG <sub>98</sub>  | 2008 10 04.1 | 00 41.06 +06 33.0 19.8 | -0.88 - 9.4 | 0.9/04.9  | 20260 |
| 2003 ED <sub>20</sub>  | 2008 10 04.1 | 00 41.06 +07 55.8 20.3 | -0.98 - 5.9 | 1.3/05.2  | 97640 |
| 2006 AB <sub>49</sub>  | 2008 10 04.1 | 00 41.07 +01 13.7 21.1 | -0.99 - 5.5 | 1.2/03.2  | 98081 |
| 2002 QH <sub>91</sub>  | 2008 10 04.1 | 00 41.08 +13 43.1 21.1 | -0.72 - 6.6 | 2.6/07.5  | 43160 |
| 2006 JJ <sub>37</sub>  | 2008 10 04.1 | 00 41.11 +07 30.2 20.2 | -0.73 - 9.3 | 0.9/05.3  | 43268 |
| 2002 CR <sub>119</sub> | 2008 10 04.1 | 00 41.12 +08 54.3 19.4 | -0.88 - 6.3 | 1.6/05.6  | 97566 |
| 2006 BJ <sub>122</sub> | 2008 10 04.1 | 00 41.14 +03 04.0 20.1 | -0.84 - 5.9 | 0.5/03.7  | 02277 |
| 2006 BY <sub>168</sub> | 2008 10 04.1 | 00 41.15 -04 12.5 19.9 | -0.78 - 7.0 | 3.0/01.2  | 43256 |
| 1999 XC <sub>217</sub> | 2008 10 04.1 | 00 41.19 -01 33.1 19.7 | -0.78 - 4.9 | 2.0/02.2  | 43102 |
| 2005 WF <sub>112</sub> | 2008 10 04.1 | 00 41.19 +10 20.9 20.4 | -0.95 - 8.1 | 2.2/06.2  | 18160 |
| 2001 YY <sub>155</sub> | 2008 10 04.1 | 00 41.20 -02 23.2 19.3 | -1.04 - 2.1 | 2.5/02.3  | 97542 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SV <sub>158</sub> | 2008 10 04.1 | 00 41.21 -01 27.7 18.8 | -0.67 -11.8 | 2.1/01.9  | 43179 |
| 2002 PV <sub>92</sub>  | 2008 10 04.1 | 00 41.22 +18 24.6 19.5 | -0.71 - 8.0 | 3.9/09.5  | 43158 |
| 2004 XS <sub>34</sub>  | 2008 10 04.1 | 00 41.22 -13 27.4 20.8 | -0.75 - 3.6 | 4.6/28.3  | 22782 |
| 2001 FP <sub>112</sub> | 2008 10 04.1 | 00 41.23 +01 40.4 20.1 | -0.78 - 5.0 | 0.8/03.3  | 43119 |
| 2002 GR <sub>93</sub>  | 2008 10 04.1 | 00 41.25 +04 00.8 18.4 | -1.18 + 1.8 | 0.2/04.1  | 43153 |
| 2004 RZ <sub>51</sub>  | 2008 10 04.1 | 00 41.27 -02 39.7 19.3 | -0.84 - 7.5 | 2.7/01.8  | 43207 |
| 2003 YK <sub>97</sub>  | 2008 10 04.1 | 00 41.29 +10 04.3 18.7 | -0.75 - 6.0 | 2.2/06.1  | 43197 |
| 2006 CK <sub>7</sub>   | 2008 10 04.1 | 00 41.29 +23 07.5 19.7 | -0.94 - 3.5 | 5.9/10.3  | 97150 |
| 2002 RP <sub>33</sub>  | 2008 10 04.1 | 00 41.31 +18 15.6 19.8 | -0.85 - 2.5 | 4.0/08.6  | 50636 |
| 2003 WC <sub>112</sub> | 2008 10 04.2 | 00 41.30 -03 11.7 19.5 | -0.83 - 2.1 | 2.4/01.9  | 43194 |
| 1996 EM <sub>11</sub>  | 2008 10 04.2 | 00 41.36 -01 54.0 20.5 | -0.91 - 7.6 | 2.3/02.1  | 43092 |
| 2006 DB <sub>150</sub> | 2008 10 04.2 | 00 41.36 +05 38.1 18.7 | -0.74 - 8.8 | 0.5/04.7  | 43263 |
| 2005 FV <sub>6</sub>   | 2008 10 04.2 | 00 41.39 -10 09.0 20.2 | -0.80 - 3.9 | 4.1/29.4  | 11089 |
| 2004 TL <sub>104</sub> | 2008 10 04.2 | 00 41.40 -11 19.1 19.1 | -0.79 - 7.1 | 6.0/28.7  | 43216 |
| 2003 SA <sub>4</sub>   | 2008 10 04.2 | 00 41.41 +03 39.2 20.4 | -0.77 - 5.6 | 0.3/04.0  | 43176 |
| 2007 GO <sub>44</sub>  | 2008 10 04.2 | 00 41.41 +00 13.9 20.5 | -0.87 - 5.2 | 1.6/02.9  | 20867 |
| 2007 GW <sub>35</sub>  | 2008 10 04.2 | 00 41.42 -02 48.0 20.6 | -0.90 - 4.3 | 2.5/02.0  | 26269 |
| 2003 EY <sub>19</sub>  | 2008 10 04.2 | 00 41.42 +06 44.0 20.7 | -0.96 - 6.4 | 0.8/05.0  | 94928 |
| 2006 BN <sub>117</sub> | 2008 10 04.2 | 00 41.44 -02 43.3 19.8 | -0.89 - 4.8 | 2.8/02.0  | 43254 |
| 2004 TD <sub>56</sub>  | 2008 10 04.2 | 00 41.48 +03 47.6 19.2 | -0.83 - 6.8 | 0.3/04.0  | 43215 |
| 2006 AH <sub>1</sub>   | 2008 10 04.2 | 00 41.48 -08 40.5 19.5 | -0.87 - 7.5 | 5.4/29.7  | 43250 |
| 2005 AK <sub>35</sub>  | 2008 10 04.2 | 00 41.49 -06 13.5 21.2 | -0.73 - 5.6 | 2.9/30.6  | 95636 |
| 2007 LT <sub>4</sub>   | 2008 10 04.2 | 00 41.53 -13 28.1 18.9 | -0.80 - 3.1 | 6.0/28.6  | 43284 |
| 2003 SJ <sub>46</sub>  | 2008 10 04.2 | 00 41.53 -01 17.2 19.0 | -0.73 - 8.0 | 1.9/02.2  | 02163 |
| 2005 WC <sub>108</sub> | 2008 10 04.2 | 00 41.55 -12 34.0 19.4 | -1.03 - 3.5 | 7.6/29.1  | 98000 |
| 2002 TH <sub>93</sub>  | 2008 10 04.2 | 00 41.57 +19 51.9 19.6 | -0.70 - 7.3 | 4.2/10.0  | 03423 |
| 2004 TH <sub>297</sub> | 2008 10 04.2 | 00 41.59 +09 05.6 18.5 | -0.98 - 0.6 | 2.0/05.5  | 00827 |
| 2001 TE <sub>78</sub>  | 2008 10 04.2 | 00 41.62 -06 22.7 17.8 | -0.97 - 2.2 | 5.2/01.3  | 43131 |
| 2004 TE <sub>206</sub> | 2008 10 04.2 | 00 41.62 +10 10.6 18.5 | -0.75 - 8.8 | 2.4/06.4  | 43218 |
| 2007 LW <sub>17</sub>  | 2008 10 04.2 | 00 41.62 -11 05.0 21.4 | -0.73 - 7.3 | 4.7/28.7  | 21373 |
| 2006 HG <sub>120</sub> | 2008 10 04.2 | 00 41.63 -10 29.8 21.1 | -0.81 - 2.7 | 4.1/29.6  | 22817 |
| 2006 DW <sub>11</sub>  | 2008 10 04.2 | 00 41.63 +05 07.4 21.0 | -0.86 - 6.4 | 0.2/04.5  | 02287 |
| 2006 DQ <sub>131</sub> | 2008 10 04.2 | 00 41.64 -04 06.0 20.5 | -0.80 - 4.1 | 2.7/01.6  | 22542 |
| 2004 XD <sub>65</sub>  | 2008 10 04.2 | 00 41.64 +08 22.4 19.4 | -0.89 - 3.6 | 1.3/05.5  | 02231 |
| 2003 FH <sub>45</sub>  | 2008 10 04.2 | 00 41.65 +05 10.0 19.9 | -0.88 - 7.7 | 0.2/04.5  | 43169 |
| 2004 RQ <sub>306</sub> | 2008 10 04.2 | 00 41.67 -09 01.2 18.0 | -0.78 - 3.8 | 6.2/29.9  | 43211 |
| 2004 PW <sub>53</sub>  | 2008 10 04.2 | 00 41.70 +05 18.7 18.6 | -1.02 - 1.8 | 0.4/04.5  | 43204 |
| 2005 NX <sub>41</sub>  | 2008 10 04.2 | 00 41.75 +36 30.2 19.2 | -1.48 + 0.2 | 14.4/13.7 | 22791 |
| 2004 VQ <sub>25</sub>  | 2008 10 04.3 | 00 41.62 +04 46.4 19.2 | -0.89 - 4.1 | 0.1/04.4  | 43222 |
| 1995 QF <sub>6</sub>   | 2008 10 04.3 | 00 41.66 +13 39.0 19.0 | -0.88 - 6.0 | 3.5/07.3  | 43092 |
| 2002 AR <sub>158</sub> | 2008 10 04.3 | 00 41.68 +09 47.8 18.9 | -0.87 - 6.0 | 1.7/06.1  | 43144 |
| 2003 UD <sub>278</sub> | 2008 10 04.3 | 00 41.69 +03 25.5 19.5 | -0.89 - 1.7 | 0.4/04.0  | 72975 |
| 2001 XA <sub>261</sub> | 2008 10 04.3 | 00 41.70 -02 13.7 20.0 | -0.94 - 5.0 | 2.9/02.2  | 43141 |
| 2004 TX <sub>33</sub>  | 2008 10 04.3 | 00 41.75 -01 19.1 18.5 | -0.86 - 4.6 | 2.4/02.5  | 20804 |
| 2007 EQ <sub>27</sub>  | 2008 10 04.3 | 00 41.75 +10 05.2 19.3 | -1.07 - 5.4 | 2.4/06.0  | 43275 |
| 2003 GQ <sub>14</sub>  | 2008 10 04.3 | 00 41.76 -06 46.0 20.0 | -0.96 - 4.2 | 4.2/30.9  | 20778 |
| 2002 GP <sub>145</sub> | 2008 10 04.3 | 00 41.81 +08 27.4 19.6 | -0.81 - 7.1 | 1.4/05.7  | 43154 |
| 2005 EL <sub>272</sub> | 2008 10 04.3 | 00 41.82 +01 06.3 21.1 | -0.61 - 3.4 | 0.7/03.2  | 24467 |
| 2005 EA <sub>95</sub>  | 2008 10 04.3 | 00 41.82 -09 38.5 20.8 | -0.57 - 4.9 | 3.0/29.3  | 24462 |
| 2007 FC <sub>4</sub>   | 2008 10 04.3 | 00 41.83 -10 09.8 20.0 | -0.97 - 5.1 | 5.7/29.8  | 21362 |
| 2002 HA <sub>4</sub>   | 2008 10 04.3 | 00 41.83 -08 50.3 20.8 | -0.81 - 5.1 | 3.8/29.9  | 21316 |

|                        |              |                        |             |           |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SY <sub>34</sub>  | 2008 10 04.3 | 00 41.83 +01 00.3 19.7 | -0.78 - 5.5 | 1.2/03.2  | 43176 | 2004 TP <sub>260</sub> | 2008 10 04.5 | 00 42.55 +01 49.6 20.8 | -0.88 - 5.2 | 1.0/03.7  | 95564 |
| 2003 WP <sub>140</sub> | 2008 10 04.3 | 00 41.85 -08 51.1 20.2 | -0.81 - 3.7 | 3.9/30.0  | 76251 | 2006 FD <sub>50</sub>  | 2008 10 04.5 | 00 42.59 +48 47.3 19.9 | -1.21 - 1.3 | 12.3/21.1 | 01556 |
| 2005 EF <sub>22</sub>  | 2008 10 04.3 | 00 41.86 -02 07.5 19.9 | -0.70 - 7.1 | 2.0/02.0  | 00924 | 2001 WL <sub>52</sub>  | 2008 10 04.5 | 00 42.60 +02 51.3 19.4 | -0.99 - 5.1 | 0.7/04.0  | 02051 |
| 2001 AH <sub>22</sub>  | 2008 10 04.3 | 00 41.87 -15 04.4 19.5 | -0.80 - 6.6 | 6.1/27.3  | 02025 | 1995 SF <sub>80</sub>  | 2008 10 04.5 | 00 42.61 +13 45.7 20.2 | -0.55 - 1.7 | 1.6/07.6  | 31139 |
| 2006 HQ <sub>75</sub>  | 2008 10 04.3 | 00 41.87 -10 23.0 21.7 | -0.70 - 5.0 | 3.7/29.2  | 22548 | 2004 YQ <sub>21</sub>  | 2008 10 04.5 | 00 42.62 -10 08.2 19.5 | -0.72 - 5.2 | 4.2/29.5  | 43227 |
| 2001 YC <sub>33</sub>  | 2008 10 04.3 | 00 41.88 +05 13.9 20.2 | -0.95 - 5.2 | 0.3/04.6  | 43141 | 2007 ET <sub>220</sub> | 2008 10 04.5 | 00 42.63 +03 42.7 21.2 | -0.95 - 5.1 | 0.3/04.3  | 41336 |
| 2000 DD <sub>67</sub>  | 2008 10 04.3 | 00 41.88 +17 37.2 18.4 | -0.92 - 1.3 | 4.9/08.2  | 43103 | 2005 WF <sub>160</sub> | 2008 10 04.5 | 00 42.64 +44 44.5 21.3 | -1.10 - 2.6 | 9.9/19.2  | 01151 |
| 2001 NK                | 2008 10 04.3 | 00 41.88 +09 30.8 19.3 | -0.97 - 8.0 | 2.0/06.0  | 43120 | 2006 HL <sub>92</sub>  | 2008 10 04.5 | 00 42.66 -04 28.5 20.7 | -0.73 - 5.2 | 2.6/01.5  | 14282 |
| 2002 RA <sub>31</sub>  | 2008 10 04.3 | 00 41.91 +07 51.0 19.4 | -0.71 - 5.7 | 1.0/05.5  | 43161 | 2001 TR <sub>145</sub> | 2008 10 04.5 | 00 42.66 -00 07.2 19.5 | -0.87 - 8.9 | 2.0/02.9  | 43131 |
| 2004 XC <sub>40</sub>  | 2008 10 04.3 | 00 41.91 -04 40.4 18.8 | -0.85 - 4.2 | 3.2/01.5  | 43225 | 2001 CU <sub>24</sub>  | 2008 10 04.5 | 00 42.68 +12 04.3 19.9 | -0.94 - 3.3 | 2.5/06.8  | 43118 |
| 2005 BB <sub>21</sub>  | 2008 10 04.3 | 00 41.92 -19 17.0 19.8 | -0.74 - 3.5 | 6.4/26.2  | 43229 | 2002 RO <sub>255</sub> | 2008 10 04.5 | 00 42.68 +17 35.0 20.3 | -0.73 - 6.5 | 3.3/09.3  | 22714 |
| 2004 PZ <sub>78</sub>  | 2008 10 04.3 | 00 41.92 -07 28.6 19.3 | -0.75 - 8.1 | 5.3/30.1  | 43205 | 2004 HU <sub>12</sub>  | 2008 10 04.5 | 00 42.68 -07 18.4 19.8 | -0.98 - 6.6 | 5.2/30.8  | 16269 |
| 2001 BM <sub>6</sub>   | 2008 10 04.3 | 00 41.93 -05 41.0 19.2 | -0.87 - 4.2 | 3.4/01.2  | 97429 | 2000 SZ <sub>223</sub> | 2008 10 04.5 | 00 42.68 +04 28.4 19.3 | -1.04 - 0.5 | 0.0/04.5  | 93862 |
| 2006 JP <sub>8</sub>   | 2008 10 04.3 | 00 41.96 +15 33.8 20.0 | -0.74 - 6.9 | 3.4/08.3  | 01738 | 2003 FZ <sub>107</sub> | 2008 10 04.5 | 00 42.69 -03 32.5 19.7 | -0.89 - 5.8 | 2.9/02.0  | 43170 |
| 2000 GL                | 2008 10 04.3 | 00 42.02 +01 01.8 17.9 | -1.01 - 3.2 | 1.6/03.4  | 43105 | 1998 VN <sub>46</sub>  | 2008 10 04.5 | 00 42.76 -02 48.4 20.3 | -1.06 - 2.1 | 3.4/02.6  | 17898 |
| 2003 GW <sub>47</sub>  | 2008 10 04.3 | 00 42.02 -07 17.6 19.0 | -0.51 - 2.2 | 2.1/30.4  | 04255 | 2006 GS <sub>45</sub>  | 2008 10 04.5 | 00 42.76 -00 03.8 20.9 | -0.85 - 3.9 | 1.5/03.2  | 43267 |
| 2001 RR <sub>25</sub>  | 2008 10 04.3 | 00 42.07 +05 57.5 18.9 | -1.02 - 3.8 | 0.7/04.8  | 43124 | 2000 FP                | 2008 10 04.5 | 00 42.77 +05 53.5 21.2 | -0.75 - 4.1 | 0.3/05.0  | 77451 |
| 2002 NM <sub>66</sub>  | 2008 10 04.4 | 00 42.00 +22 09.3 20.9 | -0.85 - 3.7 | 5.3/10.3  | 26626 | 2006 DZ <sub>214</sub> | 2008 10 04.6 | 00 42.71 +07 12.8 19.8 | -0.84 - 5.2 | 0.9/05.4  | 09533 |
| 2000 SX <sub>280</sub> | 2008 10 04.4 | 00 42.02 +45 33.2 19.1 | -2.01 + 7.8 | 20.7/15.3 | 20737 | 2005 WY <sub>156</sub> | 2008 10 04.6 | 00 42.73 +01 26.2 20.3 | -0.99 - 4.7 | 1.3/03.7  | 96555 |
| 2001 UE <sub>215</sub> | 2008 10 04.4 | 00 42.03 +04 39.1 20.2 | -0.91 - 6.7 | 0.0/04.5  | 43135 | 2005 US <sub>185</sub> | 2008 10 04.6 | 00 42.73 -01 22.0 19.3 | -1.01 - 4.1 | 2.8/02.9  | 43238 |
| 2005 EF <sub>10</sub>  | 2008 10 04.4 | 00 42.03 +18 47.2 20.1 | -0.89 - 1.5 | 3.9/08.6  | 77818 | 2003 BQ <sub>12</sub>  | 2008 10 04.6 | 00 42.74 -01 28.3 19.4 | -1.03 - 5.1 | 2.4/02.8  | 43167 |
| 2006 EK <sub>32</sub>  | 2008 10 04.4 | 00 42.03 +04 01.1 19.8 | -0.80 - 8.7 | 0.2/04.2  | 43264 | 2003 PX <sub>11</sub>  | 2008 10 04.6 | 00 42.74 +41 31.7 19.2 | -1.01 - 2.4 | 14.2/20.1 | 40680 |
| 2001 WJ <sub>97</sub>  | 2008 10 04.4 | 00 42.05 -02 57.7 21.2 | -0.94 - 4.8 | 2.5/02.1  | 43138 | 2006 AJ <sub>68</sub>  | 2008 10 04.6 | 00 42.74 -17 06.5 20.2 | -0.82 - 6.2 | 6.9/27.0  | 21353 |
| 2003 UR <sub>211</sub> | 2008 10 04.4 | 00 42.07 +15 35.9 20.4 | -0.71 - 6.2 | 3.0/08.3  | 02187 | 2001 DO <sub>34</sub>  | 2008 10 04.6 | 00 42.77 -16 20.0 20.1 | -0.77 - 6.8 | 5.9/27.0  | 02029 |
| 2002 PH <sub>173</sub> | 2008 10 04.4 | 00 42.07 +04 44.1 20.0 | -0.72 - 6.4 | 0.1/04.5  | 22708 | 2001 WM <sub>27</sub>  | 2008 10 04.6 | 00 42.78 -08 49.9 19.3 | -0.96 - 5.7 | 5.6/30.2  | 43137 |
| 2000 SW <sub>136</sub> | 2008 10 04.4 | 00 42.07 +23 12.8 19.2 | -1.14 + 0.6 | 7.6/09.3  | 43109 | 2002 CL <sub>3</sub>   | 2008 10 04.6 | 00 42.80 -22 20.5 19.8 | -0.90 - 5.0 | 8.7/25.0  | 02069 |
| 2002 GO <sub>150</sub> | 2008 10 04.4 | 00 42.08 +06 28.9 19.8 | -0.49 - 3.3 | 0.4/05.1  | 26620 | 2003 WB <sub>96</sub>  | 2008 10 04.6 | 00 42.81 +06 22.8 18.9 | -0.74 - 5.7 | 0.6/05.2  | 43194 |
| 2001 UX <sub>128</sub> | 2008 10 04.4 | 00 42.08 -00 40.5 18.4 | -0.78 - 2.4 | 2.9/02.8  | 94229 | 1999 TF <sub>255</sub> | 2008 10 04.6 | 00 42.82 +06 03.9 19.0 | -0.83 - 5.5 | 0.5/05.1  | 97356 |
| 2004 EB <sub>45</sub>  | 2008 10 04.4 | 00 42.09 +03 48.1 21.2 | -0.61 - 4.0 | 0.2/04.2  | 11039 | 2003 HO <sub>43</sub>  | 2008 10 04.6 | 00 42.89 +03 53.9 20.1 | -0.89 - 7.1 | 0.2/04.4  | 97654 |
| 2007 CE <sub>61</sub>  | 2008 10 04.4 | 00 42.10 +15 25.5 18.2 | -1.64 + 5.4 | 5.7/06.3  | 22875 | 2007 JK <sub>30</sub>  | 2008 10 04.6 | 00 42.97 +03 52.5 22.4 | -0.96 - 4.9 | 0.3/04.4  | 41346 |
| 2005 CS <sub>60</sub>  | 2008 10 04.4 | 00 42.12 +12 53.7 20.5 | -0.84 - 3.4 | 2.5/07.0  | 11080 | 2001 UF <sub>11</sub>  | 2008 10 04.6 | 00 42.98 +16 59.9 18.8 | -0.72 -11.7 | 5.6/09.5  | 21112 |
| 2006 DE                | 2008 10 04.4 | 00 42.17 -39 38.7 20.8 | -1.07 - 1.0 | 12.2/18.0 | 01321 | 2003 UG <sub>2</sub>   | 2008 10 04.6 | 00 43.01 +10 19.2 20.5 | -0.73 - 7.2 | 1.6/06.7  | 43185 |
| 2007 LA <sub>28</sub>  | 2008 10 04.4 | 00 42.21 -16 03.3 20.8 | -0.85 - 4.6 | 6.2/27.8  | 21374 | 2007 DU <sub>36</sub>  | 2008 10 04.6 | 00 43.03 +05 04.2 20.5 | -1.02 - 5.1 | 0.2/04.8  | 20849 |
| 2006 DF <sub>41</sub>  | 2008 10 04.4 | 00 42.23 +00 54.1 19.4 | -0.83 - 5.9 | 1.2/03.3  | 43260 | 2000 SF <sub>225</sub> | 2008 10 04.6 | 00 43.03 +07 28.0 19.1 | -0.74 -13.1 | 1.1/05.8  | 43110 |
| 2004 TN <sub>198</sub> | 2008 10 04.4 | 00 42.24 +04 34.7 19.7 | -0.85 - 7.1 | 0.0/04.5  | 43218 | 2002 GE <sub>155</sub> | 2008 10 04.6 | 00 43.04 -07 33.0 19.6 | -0.88 - 3.3 | 4.0/01.0  | 43154 |
| 2003 DL <sub>9</sub>   | 2008 10 04.4 | 00 42.26 -00 40.3 19.3 | -1.06 - 3.1 | 2.1/03.0  | 43168 | 2001 QO <sub>284</sub> | 2008 10 04.6 | 00 43.04 -01 08.8 18.3 | -0.71 -12.7 | 2.7/02.4  | 43124 |
| 2003 ME <sub>3</sub>   | 2008 10 04.4 | 00 42.27 -19 31.5 20.0 | -0.93 - 2.9 | 7.7/27.1  | 21328 | 2001 WR <sub>92</sub>  | 2008 10 04.6 | 00 43.06 +00 53.3 20.4 | -0.92 - 6.3 | 1.4/03.5  | 43138 |
| 2002 PC <sub>172</sub> | 2008 10 04.4 | 00 42.27 +00 49.7 19.9 | -0.77 - 4.1 | 1.2/03.3  | 43159 | 2000 EQ <sub>38</sub>  | 2008 10 04.6 | 00 43.08 +01 19.5 19.9 | -0.66 - 6.8 | 0.8/03.5  | 99943 |
| 2002 RH <sub>273</sub> | 2008 10 04.4 | 00 42.33 +07 36.9 20.2 | -0.79 - 3.5 | 1.0/05.4  | 21554 | 2006 BG <sub>11</sub>  | 2008 10 04.6 | 00 43.08 -08 09.5 19.4 | -0.85 - 5.3 | 4.7/30.5  | 43252 |
| 2002 EW <sub>109</sub> | 2008 10 04.4 | 00 42.33 -02 38.3 19.6 | -0.48 - 3.7 | 1.3/01.9  | 24353 | 2007 EM <sub>196</sub> | 2008 10 04.6 | 00 43.08 +03 35.0 21.6 | -0.95 - 5.1 | 0.4/04.4  | 20858 |
| 2007 JD <sub>34</sub>  | 2008 10 04.4 | 00 42.37 -03 11.3 21.1 | -0.96 - 6.1 | 2.6/02.1  | 41346 | 2003 CG <sub>17</sub>  | 2008 10 04.6 | 00 43.11 -04 00.8 20.9 | -0.93 - 5.4 | 2.9/02.0  | 21325 |
| 2001 TK <sub>85</sub>  | 2008 10 04.4 | 00 42.38 +06 06.4 19.5 | -0.89 - 6.7 | 0.7/05.0  | 13809 | 2001 XB <sub>143</sub> | 2008 10 04.6 | 00 43.12 +04 07.4 19.9 | -0.91 - 6.1 | 0.2/04.5  | 43140 |
| 2003 UO <sub>246</sub> | 2008 10 04.4 | 00 42.38 -09 43.1 18.6 | -0.83 - 2.5 | 5.2/30.0  | 43191 | 2001 VS <sub>24</sub>  | 2008 10 04.6 | 00 43.14 +03 41.0 18.4 | -0.96 - 4.2 | 0.4/04.4  | 97502 |
| 2004 TN <sub>48</sub>  | 2008 10 04.4 | 00 42.42 +06 42.2 18.8 | -0.79 - 9.3 | 0.8/05.3  | 43215 | 2001 SH <sub>16</sub>  | 2008 10 04.6 | 00 43.14 +07 58.6 19.4 | -1.14 - 0.5 | 1.5/05.5  | 00050 |
| 2005 EY <sub>132</sub> | 2008 10 04.5 | 00 42.34 +01 20.2 19.6 | -0.83 - 1.6 | 0.9/03.6  | 43230 | 2001 SX <sub>12</sub>  | 2008 10 04.6 | 00 43.16 +07 07.2 18.6 | -1.08 - 3.2 | 1.1/05.4  | 43126 |
| 2001 TA <sub>164</sub> | 2008 10 04.5 | 00 42.35 +00 09.0 19.5 | -1.07 - 2.0 | 1.9/03.3  | 43132 | 2004 OA <sub>3</sub>   | 2008 10 04.7 | 00 43.08 +28 55.5 19.5 | -1.07 - 4.5 | 10.0/13.3 | 95250 |
| 2005 WG <sub>136</sub> | 2008 10 04.5 | 00 42.40 -01 34.8 20.8 | -0.98 - 5.4 | 2.2/02.6  | 01147 | 2001 DL <sub>23</sub>  | 2008 10 04.7 | 00 43.12 +12 18.6 19.7 | -0.88 - 3.2 | 2.3/07.0  | 43119 |
| 2006 HV <sub>58</sub>  | 2008 10 04.5 | 00 42.43 +01 47.7 20.7 | -0.74 - 3.7 | 0.7/03.6  | 43267 | 2004 PU <sub>7</sub>   | 2008 10 04.7 | 00 43.12 +07 26.0 19.8 | -0.88 - 8.0 | 1.1/05.7  | 43203 |
| 2003 WL <sub>89</sub>  | 2008 10 04.5 | 00 42.49 +13 53.0 19.5 | -0.72 - 7.0 | 3.0/07.9  | 43194 | 2006 CF <sub>19</sub>  | 2008 10 04.7 | 00 43.12 +09 08.3 20.7 | -0.87 - 5.7 | 1.6/06.2  | 11158 |
| 2002 PQ <sub>92</sub>  | 2008 10 04.5 | 00 42.53 +22 15.6 19.2 | -0.73 - 6.8 | 5.1/11.1  | 22707 | 2006 BS <sub>85</sub>  | 2008 10 04.7 | 00 43.13 +03 51.6 20.6 | -0.96 - 5.3 | 0.3/04.5  | 43254 |
| 2007 EL <sub>46</sub>  | 2008 10 04.5 | 00 42.55 +04 29.1 20.2 | -0.94 - 6.4 | 0.0/04.5  | 20852 | 1998 FJ <sub>124</sub> | 2008 10 04.7 | 00 43.15 -05 26.1 21.3 | -0.83 - 5.3 | 2.9/01.4  | 97334 |

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|                        |              |                   |      |       |       |           |       |
|------------------------|--------------|-------------------|------|-------|-------|-----------|-------|
| 2006 BS <sub>122</sub> | 2008 10 04.7 | 00 43.17 +08 07.9 | 20.7 | -0.85 | - 4.6 | 1.2/05.8  | 97071 |
| 2006 AJ <sub>96</sub>  | 2008 10 04.7 | 00 43.21 -06 34.4 | 20.3 | -1.00 | - 1.7 | 3.8/01.6  | 96971 |
| 2001 SX <sub>231</sub> | 2008 10 04.7 | 00 43.25 +04 24.5 | 18.8 | -0.95 | - 6.8 | 0.1/04.7  | 43128 |
| 2003 UX <sub>227</sub> | 2008 10 04.7 | 00 43.25 -02 42.1 | 20.1 | -0.90 | - 1.4 | 2.2/02.6  | 77735 |
| 2002 VM <sub>37</sub>  | 2008 10 04.7 | 00 43.26 +13 13.3 | 19.9 | -0.71 | - 4.0 | 2.4/07.6  | 43165 |
| 2004 PG <sub>35</sub>  | 2008 10 04.7 | 00 43.27 +11 23.0 | 19.7 | -0.95 | - 4.7 | 2.7/06.8  | 43204 |
| 2000 EP <sub>170</sub> | 2008 10 04.7 | 00 43.33 -06 52.9 | 19.6 | -0.96 | - 6.1 | 4.4/01.1  | 17909 |
| 2000 YV <sub>86</sub>  | 2008 10 04.7 | 00 43.34 +07 54.4 | 19.4 | -0.88 | - 5.8 | 1.2/05.8  | 43117 |
| 2002 PE <sub>91</sub>  | 2008 10 04.7 | 00 43.34 +10 36.4 | 18.8 | -0.90 | - 0.8 | 2.2/06.4  | 43158 |
| 2006 AP <sub>57</sub>  | 2008 10 04.7 | 00 43.35 -17 21.6 | 20.0 | -0.99 | - 2.1 | 7.5/28.1  | 96938 |
| 2006 BP                | 2008 10 04.7 | 00 43.37 +22 35.5 | 20.1 | -1.01 | - 2.8 | 6.0/10.2  | 96973 |
| 2001 FX <sub>6</sub>   | 2008 10 04.7 | 00 43.38 -07 21.9 | 22.2 | -0.95 | -13.3 | 3.9/30.4  | 19535 |
| 2006 AJ <sub>97</sub>  | 2008 10 04.7 | 00 43.38 +00 26.4 | 19.5 | -0.96 | - 2.3 | 1.4/03.6  | 43252 |
| 2002 MB <sub>5</sub>   | 2008 10 04.7 | 00 43.39 +07 49.6 | 20.3 | -0.78 | - 5.4 | 0.9/05.8  | 43155 |
| 2001 QK <sub>194</sub> | 2008 10 04.7 | 00 43.42 +28 58.9 | 18.8 | -1.18 | - 0.6 | 11.7/12.6 | 40384 |
| 2004 TN <sub>164</sub> | 2008 10 04.7 | 00 43.43 +08 17.9 | 19.1 | -0.79 | - 9.6 | 1.2/06.1  | 43217 |
| 2007 ED <sub>111</sub> | 2008 10 04.7 | 00 43.43 +00 39.0 | 20.6 | -0.94 | - 5.9 | 1.5/03.5  | 43276 |
| 2001 WG <sub>87</sub>  | 2008 10 04.7 | 00 43.45 +13 51.9 | 19.6 | -0.77 | - 6.2 | 4.7/08.0  | 26063 |
| 2005 AS <sub>65</sub>  | 2008 10 04.7 | 00 43.47 +05 18.2 | 22.6 | -0.73 | - 4.8 | 0.2/05.0  | 11078 |
| 1998 XQ <sub>6</sub>   | 2008 10 04.7 | 00 43.49 +15 18.9 | 19.1 | -0.74 | - 7.1 | 3.3/08.6  | 43096 |
| 1995 TV <sub>2</sub>   | 2008 10 04.7 | 00 43.49 +07 26.4 | 18.2 | -1.13 | + 3.5 | 1.3/05.4  | 43092 |
| 2005 EF <sub>3</sub>   | 2008 10 04.7 | 00 43.50 -09 46.8 | 21.1 | -0.70 | - 6.0 | 4.0/29.7  | 21818 |
| 1998 TH <sub>27</sub>  | 2008 10 04.8 | 00 43.45 +04 06.2 | 19.0 | -0.98 | - 2.9 | 0.3/04.6  | 20727 |
| 2002 DJ <sub>18</sub>  | 2008 10 04.8 | 00 43.55 +00 32.3 | 20.4 | -1.01 | - 1.7 | 1.4/03.7  | 43149 |
| 2005 WE <sub>5</sub>   | 2008 10 04.8 | 00 43.60 +11 50.3 | 20.4 | -0.96 | - 7.8 | 2.8/07.2  | 43243 |
| 2006 DG <sub>22</sub>  | 2008 10 04.8 | 00 43.61 +03 17.0 | 19.6 | -0.88 | - 3.5 | 0.5/04.4  | 01335 |
| 2001 QH <sub>225</sub> | 2008 10 04.8 | 00 43.64 +11 47.8 | 18.6 | -1.03 | - 2.1 | 3.4/06.8  | 43123 |
| 2003 FD <sub>10</sub>  | 2008 10 04.8 | 00 43.67 +00 37.6 | 20.6 | -0.88 | - 7.2 | 1.4/03.5  | 43169 |
| 2001 EJ <sub>25</sub>  | 2008 10 04.8 | 00 43.67 +18 42.0 | 20.6 | -0.86 | - 6.5 | 4.3/09.6  | 02031 |
| 2005 WS <sub>56</sub>  | 2008 10 04.8 | 00 43.75 +18 42.6 | 17.2 | -0.67 | - 7.6 | 7.6/10.4  | 43243 |
| 2004 TJ <sub>342</sub> | 2008 10 04.8 | 00 43.76 +07 08.6 | 19.6 | -0.86 | - 6.5 | 0.9/05.7  | 43220 |
| 2006 DV <sub>7</sub>   | 2008 10 04.8 | 00 43.77 -03 54.1 | 20.7 | -0.78 | - 8.6 | 2.6/01.8  | 02287 |
| 2000 HU <sub>28</sub>  | 2008 10 04.8 | 00 43.78 +22 45.9 | 20.8 | -0.92 | -12.0 | 5.7/11.8  | 21297 |
| 1995 SY <sub>15</sub>  | 2008 10 04.8 | 00 43.80 +03 25.3 | 20.1 | -0.84 | - 6.7 | 0.4/04.5  | 43092 |
| 2002 CY <sub>222</sub> | 2008 10 04.8 | 00 43.84 +05 54.0 | 20.6 | -0.85 | - 6.0 | 0.4/05.3  | 97572 |
| 2001 BQ <sub>45</sub>  | 2008 10 04.8 | 00 43.84 +18 16.8 | 18.5 | -0.81 | - 8.3 | 5.0/09.8  | 43118 |
| 2005 US <sub>220</sub> | 2008 10 04.8 | 00 43.87 +10 23.8 | 20.4 | -1.03 | - 6.1 | 2.2/06.7  | 43239 |
| 2002 AG <sub>22</sub>  | 2008 10 04.8 | 00 43.87 -35 35.4 | 20.8 | -0.87 | - 6.4 | 10.7/18.2 | 94472 |
| 2000 GN <sub>121</sub> | 2008 10 04.9 | 00 43.80 +05 30.9 | 19.8 | -0.95 | - 7.4 | 0.3/05.2  | 43105 |
| 2001 SL <sub>95</sub>  | 2008 10 04.9 | 00 43.84 +05 00.8 | 19.3 | -0.94 | - 7.8 | 0.1/05.0  | 43127 |
| 2002 PC <sub>125</sub> | 2008 10 04.9 | 00 43.86 +32 25.0 | 17.6 | -0.84 | - 2.9 | 10.6/15.1 | 43158 |
| 2004 TE <sub>273</sub> | 2008 10 04.9 | 00 43.89 +09 44.3 | 18.6 | -0.85 | - 5.9 | 2.0/06.6  | 43219 |
| 2002 GR <sub>79</sub>  | 2008 10 04.9 | 00 44.00 -19 33.1 | 20.1 | -0.91 | - 2.6 | 7.5/27.3  | 94740 |
| 2003 WF <sub>101</sub> | 2008 10 04.9 | 00 44.03 +17 00.9 | 20.1 | -0.81 | - 4.2 | 3.8/09.0  | 12860 |
| 2001 FG <sub>82</sub>  | 2008 10 04.9 | 00 44.03 +12 44.9 | 20.5 | -0.83 | - 6.0 | 2.4/07.6  | 43119 |
| 2006 DM <sub>59</sub>  | 2008 10 04.9 | 00 44.05 +03 56.1 | 20.0 | -0.81 | - 6.9 | 0.3/04.7  | 43260 |
| 2003 FO <sub>2</sub>   | 2008 10 04.9 | 00 44.13 -05 01.9 | 20.9 | -1.02 | - 3.5 | 3.5/02.1  | 94940 |
| 2002 QM <sub>29</sub>  | 2008 10 04.9 | 00 44.14 -16 52.0 | 19.7 | -0.70 | - 6.2 | 6.8/27.0  | 75492 |
| 2006 AT <sub>82</sub>  | 2008 10 04.9 | 00 44.16 +12 11.2 | 20.4 | -0.88 | - 3.2 | 2.0/07.3  | 43252 |
| 2007 GP <sub>23</sub>  | 2008 10 04.9 | 00 44.18 -00 25.5 | 21.7 | -0.97 | - 4.4 | 1.7/03.4  | 20864 |
| 2002 UQ <sub>51</sub>  | 2008 10 04.9 | 00 44.20 +18 21.6 | 20.5 | -0.77 | - 5.9 | 4.0/09.8  | 10934 |

|                        |              |                   |      |       |       |           |       |
|------------------------|--------------|-------------------|------|-------|-------|-----------|-------|
| 2004 TF <sub>241</sub> | 2008 10 04.9 | 00 44.20 +08 44.8 | 19.8 | -0.83 | - 7.7 | 1.6/06.4  | 03642 |
| 2007 DK <sub>71</sub>  | 2008 10 04.9 | 00 44.23 +03 27.9 | 20.9 | -1.05 | - 4.9 | 0.5/04.6  | 19365 |
| 2003 UG <sub>372</sub> | 2008 10 04.9 | 00 44.24 +20 31.3 | 20.5 | -0.86 | - 5.9 | 4.8/10.3  | 22464 |
| 2003 UZ <sub>279</sub> | 2008 10 05.0 | 00 44.20 +02 27.4 | 19.0 | -0.70 | - 8.1 | 0.8/04.2  | 43192 |
| 2002 AX <sub>10</sub>  | 2008 10 05.0 | 00 44.21 +08 09.3 | 19.1 | -0.95 | - 5.3 | 1.4/06.1  | 43142 |
| 2004 TE <sub>50</sub>  | 2008 10 05.0 | 00 44.21 +09 09.0 | 19.4 | -0.91 | - 4.2 | 1.7/06.4  | 43215 |
| 2006 BU <sub>44</sub>  | 2008 10 05.0 | 00 44.22 -00 32.5 | 19.4 | -0.75 | - 5.7 | 1.8/03.2  | 42794 |
| 2005 UA <sub>284</sub> | 2008 10 05.0 | 00 44.24 -03 17.1 | 20.2 | -1.03 | - 5.1 | 3.1/02.6  | 20822 |
| 2002 EC <sub>76</sub>  | 2008 10 05.0 | 00 44.24 +01 12.9 | 20.5 | -0.45 | - 4.2 | 0.6/03.7  | 43150 |
| 2002 GM <sub>123</sub> | 2008 10 05.0 | 00 44.27 -17 12.4 | 19.2 | -0.80 | - 6.8 | 7.2/27.1  | 22702 |
| 2003 WY <sub>33</sub>  | 2008 10 05.0 | 00 44.30 -02 38.1 | 19.2 | -0.86 | - 1.7 | 2.9/02.9  | 97692 |
| 1999 XD <sub>227</sub> | 2008 10 05.0 | 00 44.31 +05 52.9 | 18.8 | -0.81 | - 5.1 | 0.4/05.4  | 10720 |
| 2000 GN <sub>37</sub>  | 2008 10 05.0 | 00 44.32 +04 46.0 | 19.8 | -0.75 | - 4.7 | 0.0/05.0  | 43105 |
| 2006 HT <sub>39</sub>  | 2008 10 05.0 | 00 44.33 -32 04.5 | 20.1 | -0.92 | 0.0   | 9.4/22.8  | 01655 |
| 2001 TA <sub>83</sub>  | 2008 10 05.0 | 00 44.35 +12 44.3 | 19.3 | -1.05 | - 2.5 | 3.6/07.3  | 43131 |
| 2004 RP <sub>325</sub> | 2008 10 05.0 | 00 44.35 +14 42.2 | 18.8 | -1.09 | + 0.4 | 4.2/07.5  | 43212 |
| 2006 DQ <sub>25</sub>  | 2008 10 05.0 | 00 44.35 +02 26.1 | 20.8 | -0.90 | - 6.5 | 0.9/04.3  | 09518 |
| 2007 PX <sub>46</sub>  | 2008 10 05.0 | 00 44.36 +22 45.1 | 20.3 | -0.85 | - 2.2 | 4.6/10.7  | 41350 |
| 2006 BX <sub>205</sub> | 2008 10 05.0 | 00 44.36 -06 35.2 | 20.7 | -0.78 | - 5.8 | 3.2/01.2  | 98132 |
| 2005 QX <sub>4</sub>   | 2008 10 05.0 | 00 44.45 +23 53.1 | 18.8 | -1.61 | + 3.8 | 9.3/09.0  | 43232 |
| 2003 YK <sub>140</sub> | 2008 10 05.0 | 00 44.46 +26 44.9 | 19.6 | -0.86 | - 2.4 | 6.4/12.1  | 28838 |
| 2004 RD <sub>228</sub> | 2008 10 05.0 | 00 44.46 +07 39.5 | 19.7 | -0.89 | - 5.3 | 1.1/06.0  | 43211 |
| 1999 UH <sub>31</sub>  | 2008 10 05.0 | 00 44.51 +00 19.0 | 20.5 | -0.89 | - 5.2 | 1.7/03.7  | 43100 |
| 2002 GU <sub>99</sub>  | 2008 10 05.0 | 00 44.51 +06 52.1 | 19.7 | -0.99 | - 2.1 | 0.7/05.7  | 02095 |
| 2003 WA <sub>159</sub> | 2008 10 05.0 | 00 44.53 +02 06.8 | 20.1 | -0.75 | - 4.3 | 0.7/04.2  | 12861 |
| 2002 PG <sub>9</sub>   | 2008 10 05.0 | 00 44.55 +20 58.4 | 20.1 | -0.80 | - 5.0 | 5.1/10.7  | 10883 |
| 2003 SB <sub>63</sub>  | 2008 10 05.0 | 00 44.57 +14 38.4 | 19.4 | -0.82 | - 5.4 | 3.4/08.4  | 43177 |
| 2002 NX <sub>63</sub>  | 2008 10 05.0 | 00 44.61 +19 31.1 | 20.6 | -0.85 | - 3.6 | 4.7/09.9  | 17445 |
| 2004 BV <sub>26</sub>  | 2008 10 05.0 | 00 44.64 +52 13.6 | 19.5 | -1.69 | + 5.6 | 23.5/23.7 | 86228 |
| 2007 ER <sub>214</sub> | 2008 10 05.1 | 00 44.56 +02 39.5 | 20.3 | -0.77 | - 5.8 | 0.7/04.4  | 24151 |
| 2005 WY <sub>68</sub>  | 2008 10 05.1 | 00 44.57 +09 55.1 | 20.0 | -0.95 | - 7.0 | 2.0/06.8  | 43243 |
| 2002 PF <sub>10</sub>  | 2008 10 05.1 | 00 44.60 +17 56.1 | 20.1 | -0.79 | - 4.4 | 3.9/09.5  | 43157 |
| 2005 YM <sub>39</sub>  | 2008 10 05.1 | 00 44.67 +04 33.9 | 20.2 | -0.95 | - 4.7 | 0.1/05.1  | 96701 |
| 2006 BQ <sub>168</sub> | 2008 10 05.1 | 00 44.67 -04 39.4 | 22.2 | -0.91 | - 7.9 | 3.3/01.9  | 98125 |
| 2003 SE <sub>312</sub> | 2008 10 05.1 | 00 44.68 -00 13.2 | 19.7 | -0.78 | - 5.1 | 1.5/03.5  | 43183 |
| 2000 EF <sub>92</sub>  | 2008 10 05.1 | 00 44.70 +05 05.7 | 20.6 | -0.72 | - 6.1 | 0.1/05.2  | 87376 |
| 2006 HB <sub>115</sub> | 2008 10 05.1 | 00 44.73 -05 19.4 | 20.4 | -0.85 | - 2.2 | 3.2/02.1  | 31437 |
| 2003 FM <sub>6</sub>   | 2008 10 05.1 | 00 44.73 -02 28.1 | 19.1 | -0.77 | -20.6 | 2.7/02.1  | 43169 |
| 2003 JV <sub>5</sub>   | 2008 10 05.1 | 00 44.78 -03 05.6 | 20.6 | -0.94 | - 4.3 | 2.7/02.8  | 43172 |
| 2003 UZ <sub>272</sub> | 2008 10 05.1 | 00 44.79 +08 42.3 | 19.6 | -0.72 | - 7.3 | 1.2/06.5  | 43191 |
| 2000 SZ <sub>150</sub> | 2008 10 05.1 | 00 44.80 +04 22.3 | 18.2 | -0.88 | - 2.5 | 0.2/05.0  | 43109 |
| 2005 WB <sub>176</sub> | 2008 10 05.1 | 00 44.80 +07 08.8 | 20.8 | -0.97 | - 5.5 | 0.8/05.9  | 96569 |
| 2000 EL <sub>23</sub>  | 2008 10 05.1 | 00 44.82 +04 14.3 | 21.3 | -0.73 | - 4.8 | 0.2/05.0  | 21296 |
| 2007 FT <sub>30</sub>  | 2008 10 05.1 | 00 44.83 +04 55.2 | 19.4 | -0.94 | - 5.1 | 0.0/05.2  | 43278 |
| 2001 UU <sub>12</sub>  | 2008 10 05.1 | 00 44.83 +05 27.8 | 18.3 | -0.85 | - 8.9 | 0.3/05.4  | 43133 |
| 2001 SA <sub>123</sub> | 2008 10 05.1 | 00 44.85 +13 02.0 | 19.3 | -0.95 | - 5.6 | 3.8/08.0  | 43127 |
| 2003 WQ <sub>57</sub>  | 2008 10 05.1 | 00 44.90 +15 18.3 | 19.7 | -0.74 | - 5.7 | 3.1/08.8  | 21337 |
| 2000 CP <sub>129</sub> | 2008 10 05.1 | 00 44.91 +09 56.0 | 20.0 | -1.01 | - 5.8 | 1.9/06.8  | 43103 |
| 2004 SO <sub>39</sub>  | 2008 10 05.1 | 00 44.93 +04 46.0 | 18.4 | -0.76 | - 9.6 | 0.0/05.2  | 22777 |
| 2003 BH <sub>58</sub>  | 2008 10 05.1 | 00 44.93 +04 08.1 | 20.4 | -0.95 | - 5.8 | 0.2/05.0  | 43167 |
| 2006 FG <sub>26</sub>  | 2008 10 05.1 | 00 44.94 +02 31.9 | 21.1 | -0.76 | - 3.0 | 0.6/04.5  | 02311 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 DW <sub>215</sub> | 2008 10 05.1 | 00 44.95 +05 54.9 19.7 | -0.69 - 7.0 | 0.3/05.6  | 24070 |
| 2004 NE <sub>2</sub>   | 2008 10 05.1 | 00 44.95 +03 59.9 18.1 | -0.91 - 3.0 | 0.4/05.0  | 43202 |
| 2003 XX <sub>42</sub>  | 2008 10 05.1 | 00 44.98 -02 44.1 20.3 | -0.91 - 1.6 | 2.4/03.0  | 76288 |
| 2001 SY <sub>349</sub> | 2008 10 05.2 | 00 44.90 -02 01.3 20.3 | -0.83 - 2.4 | 3.6/03.1  | 38326 |
| 2002 FZ <sub>25</sub>  | 2008 10 05.2 | 00 44.93 -17 06.6 21.8 | -0.87 - 4.1 | 6.3/28.0  | 94721 |
| 2007 FE <sub>32</sub>  | 2008 10 05.2 | 00 44.95 +07 21.5 19.4 | -1.04 - 3.3 | 1.0/05.9  | 43278 |
| 2001 YC <sub>67</sub>  | 2008 10 05.2 | 00 44.98 +06 45.8 19.7 | -0.95 - 4.7 | 0.7/05.8  | 43142 |
| 2002 PU <sub>123</sub> | 2008 10 05.2 | 00 44.98 +24 26.4 19.2 | -0.83 - 3.9 | 6.4/12.0  | 31210 |
| 2006 BH <sub>148</sub> | 2008 10 05.2 | 00 44.99 -42 34.0 18.1 | -0.47 - 8.5 | 30.4/28.0 | 42797 |
| 2002 OS <sub>9</sub>   | 2008 10 05.2 | 00 44.99 +19 19.8 19.1 | -0.80 - 4.5 | 4.3/10.1  | 02111 |
| 2002 RU <sub>18</sub>  | 2008 10 05.2 | 00 44.99 +00 02.5 19.3 | -0.72 - 4.8 | 1.6/03.6  | 02123 |
| 2006 HV <sub>31</sub>  | 2008 10 05.2 | 00 45.08 +05 03.5 20.0 | -0.75 - 3.9 | 0.1/05.3  | 43267 |
| 2004 TB <sub>243</sub> | 2008 10 05.2 | 00 45.10 -19 40.4 19.4 | -0.86 - 7.0 | 9.4/25.9  | 97761 |
| 2002 EH <sub>107</sub> | 2008 10 05.2 | 00 45.11 -04 07.3 20.4 | -0.91 - 4.1 | 2.8/02.5  | 02087 |
| 2004 GU <sub>33</sub>  | 2008 10 05.2 | 00 45.14 -06 21.9 19.5 | -1.10 - 2.3 | 4.7/02.3  | 43200 |
| 2005 UG <sub>239</sub> | 2008 10 05.2 | 00 45.14 -02 54.6 19.9 | -0.96 - 6.9 | 3.2/02.8  | 18145 |
| 2004 NL <sub>27</sub>  | 2008 10 05.2 | 00 45.15 +13 40.9 19.5 | -0.99 - 6.8 | 3.4/08.2  | 18076 |
| 2006 BC <sub>110</sub> | 2008 10 05.2 | 00 45.15 -06 30.6 21.3 | -0.74 - 4.9 | 3.0/01.5  | 97064 |
| 2003 SC <sub>26</sub>  | 2008 10 05.2 | 00 45.16 +00 10.0 18.4 | -0.61 -10.4 | 2.0/03.4  | 42643 |
| 2004 HD <sub>49</sub>  | 2008 10 05.2 | 00 45.17 -00 03.3 18.7 | -0.97 - 2.2 | 2.6/03.9  | 43200 |
| 2003 MX <sub>6</sub>   | 2008 10 05.2 | 00 45.21 -11 31.7 19.3 | -0.84 - 6.6 | 5.2/29.8  | 26658 |
| 2002 EZ <sub>47</sub>  | 2008 10 05.2 | 00 45.23 +06 29.0 21.0 | -0.84 - 5.3 | 0.5/05.8  | 18001 |
| 2004 EZ <sub>59</sub>  | 2008 10 05.2 | 00 45.24 +13 46.8 19.2 | -1.08 - 5.8 | 3.7/08.1  | 43199 |
| 2002 CM <sub>289</sub> | 2008 10 05.2 | 00 45.26 +10 57.6 20.5 | -1.00 - 2.4 | 2.0/07.0  | 97575 |
| 2006 AP <sub>98</sub>  | 2008 10 05.2 | 00 45.29 -28 01.0 20.2 | -0.82 -10.9 | 9.6/21.3  | 02271 |
| 2005 UX <sub>263</sub> | 2008 10 05.2 | 00 45.29 -02 43.9 19.8 | -1.07 - 3.8 | 3.4/03.2  | 43239 |
| 2002 AL <sub>70</sub>  | 2008 10 05.2 | 00 45.33 +17 44.1 19.8 | -0.97 - 4.3 | 5.5/09.3  | 94491 |
| 2000 KG <sub>2</sub>   | 2008 10 05.2 | 00 45.34 -24 37.0 20.6 | -0.92 - 7.3 | 9.3/24.6  | 20734 |
| 2000 CO <sub>110</sub> | 2008 10 05.2 | 00 45.34 +17 36.1 19.4 | -1.09 - 4.4 | 4.8/09.2  | 19520 |
| 2003 UO <sub>168</sub> | 2008 10 05.3 | 00 45.25 +13 36.3 17.9 | -0.74 - 6.3 | 3.3/08.4  | 43189 |
| 2003 UC <sub>79</sub>  | 2008 10 05.3 | 00 45.29 -05 31.0 18.8 | -0.93 - 0.3 | 3.4/02.5  | 02180 |
| 2004 TV <sub>103</sub> | 2008 10 05.3 | 00 45.32 +08 10.1 18.7 | -0.79 - 7.5 | 1.4/06.5  | 43216 |
| 2002 PG <sub>166</sub> | 2008 10 05.3 | 00 45.34 +02 54.3 19.5 | -0.76 - 4.2 | 0.7/04.7  | 53727 |
| 2004 VP <sub>18</sub>  | 2008 10 05.3 | 00 45.35 +07 04.1 19.7 | -0.86 - 5.5 | 0.8/06.0  | 02225 |
| 2002 CH <sub>291</sub> | 2008 10 05.3 | 00 45.36 -02 16.7 19.0 | -0.82 - 6.3 | 2.6/03.0  | 43148 |
| 2006 DB <sub>27</sub>  | 2008 10 05.3 | 00 45.38 +09 27.2 19.9 | -0.91 - 2.6 | 1.6/06.7  | 02288 |
| 2001 XA <sub>38</sub>  | 2008 10 05.3 | 00 45.38 -08 55.3 17.9 | -1.15 + 2.1 | 6.8/02.0  | 30566 |
| 2002 CO <sub>168</sub> | 2008 10 05.3 | 00 45.42 +05 34.0 20.1 | -0.94 - 3.7 | 0.2/05.5  | 43147 |
| 2005 EX <sub>94</sub>  | 2008 10 05.3 | 00 45.46 -04 22.8 19.3 | -0.76 - 3.5 | 2.8/02.4  | 43230 |
| 2006 BF <sub>27</sub>  | 2008 10 05.3 | 00 45.47 -04 21.4 20.4 | -0.84 - 6.2 | 3.2/02.3  | 03840 |
| 1999 VT <sub>187</sub> | 2008 10 05.3 | 00 45.48 +07 43.9 18.2 | -0.73 - 9.1 | 1.1/06.4  | 43101 |
| 2006 CV <sub>43</sub>  | 2008 10 05.3 | 00 45.49 -06 52.8 19.4 | -0.93 - 8.3 | 4.4/01.3  | 02285 |
| 2007 LP                | 2008 10 05.3 | 00 45.60 +04 50.0 20.2 | -0.88 - 8.3 | 0.0/05.4  | 43284 |
| 2006 DE <sub>4</sub>   | 2008 10 05.3 | 00 45.60 +00 21.1 20.6 | -0.80 - 6.3 | 1.3/03.9  | 43259 |
| 2004 TM <sub>175</sub> | 2008 10 05.3 | 00 45.64 +07 19.2 18.5 | -0.75 - 7.2 | 1.1/06.2  | 43217 |
| 2001 WR <sub>57</sub>  | 2008 10 05.3 | 00 45.64 +03 23.1 19.4 | -0.90 - 2.9 | 0.8/04.9  | 94305 |
| 2003 WV <sub>145</sub> | 2008 10 05.3 | 00 45.66 -08 13.3 20.7 | -0.75 - 2.9 | 3.4/01.2  | 00681 |
| 2007 HE <sub>8</sub>   | 2008 10 05.3 | 00 45.66 +04 32.5 20.9 | -0.92 - 6.1 | 0.1/05.3  | 21684 |
| 1995 OE <sub>14</sub>  | 2008 10 05.3 | 00 45.69 +08 35.2 19.7 | -0.87 - 7.0 | 1.4/06.6  | 43092 |
| 2005 CR <sub>68</sub>  | 2008 10 05.3 | 00 45.70 +04 58.1 18.2 | -0.94 - 2.4 | 0.0/05.4  | 73848 |
| 2006 HN <sub>69</sub>  | 2008 10 05.4 | 00 45.63 +13 49.6 21.6 | -0.70 - 6.8 | 2.3/08.6  | 01687 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2006 BH <sub>275</sub> | 2008 10 05.4 | 00 45.63 +08 20.4 21.5 | -0.88 - 4.0 | 1.1/06.5 | 11158 |
| 2001 DU <sub>44</sub>  | 2008 10 05.4 | 00 45.65 -04 09.7 19.2 | -0.76 - 6.6 | 2.6/02.3 | 43119 |
| 2007 KJ <sub>8</sub>   | 2008 10 05.4 | 00 45.66 +04 43.4 20.1 | -0.76 - 9.9 | 0.1/05.3 | 26292 |
| 2003 HU <sub>33</sub>  | 2008 10 05.4 | 00 45.67 +03 27.2 19.6 | -1.00 - 4.0 | 0.5/05.0 | 43172 |
| 2003 SB <sub>16</sub>  | 2008 10 05.4 | 00 45.70 -03 24.6 18.6 | -0.70 - 9.8 | 2.9/02.3 | 43176 |
| 2004 TV <sub>204</sub> | 2008 10 05.4 | 00 45.70 +06 44.4 20.1 | -0.85 - 5.5 | 0.7/06.0 | 97760 |
| 2001 WL <sub>81</sub>  | 2008 10 05.4 | 00 45.71 +09 44.2 20.0 | -0.92 - 7.4 | 1.8/07.0 | 43138 |
| 2003 BD <sub>57</sub>  | 2008 10 05.4 | 00 45.72 -01 07.5 18.8 | -0.94 - 7.1 | 2.7/03.5 | 43167 |
| 2007 RH <sub>77</sub>  | 2008 10 05.4 | 00 45.75 +07 48.9 20.5 | -0.49 - 2.8 | 0.5/06.4 | 43287 |
| 2001 FE <sub>20</sub>  | 2008 10 05.4 | 00 45.76 +05 50.8 20.7 | -0.70 - 9.3 | 0.2/05.8 | 43119 |
| 2002 QJ <sub>52</sub>  | 2008 10 05.4 | 00 45.76 +13 20.5 19.3 | -0.84 - 2.6 | 2.5/08.0 | 43159 |
| 2004 RP <sub>14</sub>  | 2008 10 05.4 | 00 45.80 +11 47.1 19.6 | -0.99 - 5.2 | 2.7/08.0 | 95325 |
| 2007 GO <sub>14</sub>  | 2008 10 05.4 | 00 45.82 -09 06.6 18.8 | -0.76 - 8.9 | 5.4/30.4 | 43279 |
| 2001 OJ <sub>51</sub>  | 2008 10 05.4 | 00 45.83 -02 22.0 20.0 | -1.01 - 5.4 | 3.0/03.3 | 97442 |
| 2004 TU <sub>202</sub> | 2008 10 05.4 | 00 45.85 -07 26.5 19.0 | -1.00 - 0.6 | 4.4/02.2 | 43218 |
| 1999 UO <sub>31</sub>  | 2008 10 05.4 | 00 45.85 -03 37.0 20.0 | -0.96 - 1.2 | 3.0/03.1 | 99923 |
| 2005 UC <sub>430</sub> | 2008 10 05.4 | 00 45.88 +11 55.4 20.4 | -0.98 - 7.5 | 2.7/07.7 | 43240 |
| 2002 TU <sub>15</sub>  | 2008 10 05.4 | 00 45.89 +05 06.4 19.1 | -0.70 - 5.7 | 0.1/05.5 | 43163 |
| 2004 FO <sub>120</sub> | 2008 10 05.4 | 00 45.91 -08 33.1 19.2 | -1.00 - 5.3 | 5.8/01.4 | 43199 |
| 2002 RZ <sub>112</sub> | 2008 10 05.4 | 00 45.92 +26 29.9 19.2 | -0.79 - 4.6 | 6.3/13.2 | 10902 |
| 2001 DN <sub>49</sub>  | 2008 10 05.4 | 00 45.92 +03 37.6 18.9 | -0.95 - 2.8 | 0.4/05.1 | 97433 |
| 2007 EC <sub>32</sub>  | 2008 10 05.4 | 00 45.97 +00 13.0 19.4 | -0.98 - 6.0 | 2.1/04.0 | 43275 |
| 2005 BR <sub>29</sub>  | 2008 10 05.4 | 00 45.98 -17 11.5 20.2 | -0.81 - 3.3 | 6.5/28.1 | 00915 |
| 2004 XA <sub>73</sub>  | 2008 10 05.4 | 00 45.98 +09 24.4 18.6 | -0.83 - 6.0 | 1.9/07.0 | 43225 |
| 2004 NL <sub>1</sub>   | 2008 10 05.4 | 00 46.01 +10 50.0 18.6 | -1.02 - 3.1 | 2.6/07.2 | 43202 |
| 2002 PK <sub>134</sub> | 2008 10 05.4 | 00 46.01 -11 32.6 19.8 | -0.69 - 7.6 | 5.0/29.5 | 43158 |
| 2005 EG <sub>97</sub>  | 2008 10 05.4 | 00 46.03 +05 02.6 19.5 | -0.67 - 6.9 | 0.0/05.5 | 21349 |
| 2001 XD <sub>231</sub> | 2008 10 05.4 | 00 46.07 +21 02.7 18.7 | -0.92 - 6.2 | 7.0/11.1 | 43141 |
| 2007 GX <sub>7</sub>   | 2008 10 05.4 | 00 46.08 +03 38.5 20.2 | -1.09 - 3.2 | 0.5/05.1 | 43279 |
| 2006 BD <sub>101</sub> | 2008 10 05.5 | 00 46.02 +21 52.9 20.5 | -0.85 - 6.3 | 5.0/11.4 | 22808 |
| 2006 ES <sub>41</sub>  | 2008 10 05.5 | 00 46.02 +09 21.0 19.9 | -0.69 - 7.4 | 1.2/07.1 | 43265 |
| 2005 UD <sub>171</sub> | 2008 10 05.5 | 00 46.02 +10 12.8 20.4 | -0.99 - 7.2 | 2.0/07.2 | 21350 |
| 2005 YM                | 2008 10 05.5 | 00 46.04 -07 39.8 21.4 | -0.94 - 5.0 | 4.3/01.6 | 21351 |
| 2004 VH <sub>60</sub>  | 2008 10 05.5 | 00 46.04 +01 35.0 18.8 | -0.91 - 1.9 | 1.5/04.6 | 42729 |
| 2001 TZ <sub>161</sub> | 2008 10 05.5 | 00 46.05 +07 51.6 19.6 | -0.97 - 5.8 | 1.1/06.4 | 10812 |
| 2001 UX <sub>13</sub>  | 2008 10 05.5 | 00 46.05 -11 44.2 20.4 | -0.65 - 3.3 | 4.1/29.8 | 23848 |
| 2005 UA <sub>110</sub> | 2008 10 05.5 | 00 46.11 +13 10.2 20.0 | -0.98 - 6.5 | 3.7/08.0 | 97897 |
| 2003 SA <sub>119</sub> | 2008 10 05.5 | 00 46.11 +03 38.1 20.5 | -0.80 - 4.5 | 0.4/05.1 | 00532 |
| 2005 XS <sub>114</sub> | 2008 10 05.5 | 00 46.12 +00 16.0 19.9 | -0.87 - 5.0 | 1.7/04.1 | 43246 |
| 2002 FF <sub>30</sub>  | 2008 10 05.5 | 00 46.12 -14 11.0 19.8 | -0.95 - 1.4 | 6.6/30.1 | 21315 |
| 1999 TH <sub>145</sub> | 2008 10 05.5 | 00 46.13 +02 19.3 18.0 | -0.67 -13.3 | 1.1/04.5 | 43099 |
| 2007 HC <sub>13</sub>  | 2008 10 05.5 | 00 46.13 +03 57.2 21.0 | -0.85 - 6.6 | 0.3/05.2 | 20873 |
| 2004 OB <sub>10</sub>  | 2008 10 05.5 | 00 46.17 +00 57.5 20.0 | -1.00 - 4.9 | 1.6/04.4 | 43203 |
| 2006 GW <sub>32</sub>  | 2008 10 05.5 | 00 46.19 +04 13.0 20.0 | -0.74 - 5.3 | 0.2/05.3 | 43266 |
| 2000 SL <sub>299</sub> | 2008 10 05.5 | 00 46.19 +10 58.9 18.5 | -0.85 - 7.1 | 2.4/07.6 | 43111 |
| 2002 BH <sub>16</sub>  | 2008 10 05.5 | 00 46.21 +09 54.2 20.7 | -0.88 - 5.8 | 1.5/07.1 | 97556 |
| 2000 WE <sub>74</sub>  | 2008 10 05.5 | 00 46.22 +17 09.0 19.3 | -0.81 - 5.0 | 5.6/09.6 | 72237 |
| 2008 QB <sub>18</sub>  | 2008 10 05.5 | 00 46.28 -02 42.0 18.7 | -0.81 - 8.1 | 3.4/02.9 | 43003 |
| 2002 TO <sub>350</sub> | 2008 10 05.5 | 00 46.34 +17 24.3 19.5 | -0.71 - 6.2 | 4.5/10.1 | 77671 |
| 2007 HG <sub>7</sub>   | 2008 10 05.5 | 00 46.34 -18 16.5 19.0 | -0.95 - 1.6 | 8.1/28.8 | 43281 |
| 2002 CX <sub>158</sub> | 2008 10 05.5 | 00 46.37 +07 09.3 18.6 | -0.88 - 4.6 | 1.0/06.3 | 43147 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 UB <sub>23</sub>  | 2008 10 05.5 | 00 46.38 -02 25.9 18.6 | -0.88 - 1.4 | 2.7/03.5  | 43185 |
| 1995 SU <sub>28</sub>  | 2008 10 05.5 | 00 46.39 +07 23.5 20.2 | -0.90 - 4.6 | 0.9/06.3  | 97325 |
| 2004 TH <sub>201</sub> | 2008 10 05.5 | 00 46.42 +02 15.5 20.5 | -0.84 - 5.7 | 1.1/04.7  | 11072 |
| 2004 VL <sub>21</sub>  | 2008 10 05.6 | 00 46.36 -16 28.1 19.1 | -1.01 + 1.6 | 9.4/29.9  | 43222 |
| 2001 FB <sub>75</sub>  | 2008 10 05.6 | 00 46.36 -00 17.1 18.5 | -1.06 + 1.2 | 1.6/04.3  | 02032 |
| 2005 XE <sub>73</sub>  | 2008 10 05.6 | 00 46.38 +10 08.8 19.9 | -0.99 - 4.6 | 2.1/07.2  | 43246 |
| 2006 JK <sub>49</sub>  | 2008 10 05.6 | 00 46.41 +09 38.1 20.4 | -0.78 - 7.4 | 1.4/07.2  | 43268 |
| 2001 UP <sub>52</sub>  | 2008 10 05.6 | 00 46.41 -06 17.9 18.8 | -1.02 - 0.6 | 5.4/02.6  | 43133 |
| 2005 YW <sub>109</sub> | 2008 10 05.6 | 00 46.42 +03 55.8 21.6 | -0.93 - 6.8 | 0.4/05.3  | 01178 |
| 2003 SK <sub>257</sub> | 2008 10 05.6 | 00 46.45 -00 42.5 19.5 | -0.80 - 4.8 | 1.9/03.8  | 43182 |
| 2003 FN <sub>1</sub>   | 2008 10 05.6 | 00 46.45 +02 10.9 20.0 | -0.90 -15.5 | 1.0/04.6  | 43169 |
| 2002 LN <sub>8</sub>   | 2008 10 05.6 | 00 46.46 -08 30.5 20.1 | -0.83 - 3.6 | 4.5/01.5  | 20284 |
| 2005 CC <sub>10</sub>  | 2008 10 05.6 | 00 46.47 +03 11.6 20.3 | -0.77 - 3.7 | 0.5/05.1  | 02242 |
| 2007 EO <sub>96</sub>  | 2008 10 05.6 | 00 46.49 +04 54.3 21.0 | -0.91 - 7.8 | 0.0/05.6  | 20854 |
| 2007 GX <sub>64</sub>  | 2008 10 05.6 | 00 46.49 +01 33.0 20.0 | -0.91 - 2.9 | 1.2/04.6  | 43280 |
| 2001 TG <sub>198</sub> | 2008 10 05.6 | 00 46.52 -04 15.9 19.5 | -0.87 - 4.1 | 4.6/02.8  | 94178 |
| 2005 YO <sub>174</sub> | 2008 10 05.6 | 00 46.52 -02 19.1 20.3 | -0.93 - 3.3 | 2.4/03.5  | 96819 |
| 2006 FJ <sub>49</sub>  | 2008 10 05.6 | 00 46.56 -16 24.0 21.0 | -0.71 - 5.6 | 5.4/28.0  | 21358 |
| 2001 US <sub>48</sub>  | 2008 10 05.6 | 00 46.57 -01 10.0 18.0 | -0.90 - 3.5 | 3.0/03.8  | 94205 |
| 2003 WF <sub>1</sub>   | 2008 10 05.6 | 00 46.58 +00 46.9 19.2 | -0.79 - 4.5 | 1.5/04.3  | 43192 |
| 2005 ES <sub>26</sub>  | 2008 10 05.6 | 00 46.60 -00 05.1 20.7 | -0.73 - 5.8 | 1.4/03.9  | 76760 |
| 2003 GZ <sub>21</sub>  | 2008 10 05.6 | 00 46.65 -04 35.5 19.2 | -0.62 - 0.5 | 1.8/02.7  | 24392 |
| 2006 DJ <sub>41</sub>  | 2008 10 05.6 | 00 46.66 +00 08.7 21.1 | -0.76 - 6.5 | 1.3/04.0  | 02291 |
| 2001 TF <sub>28</sub>  | 2008 10 05.6 | 00 46.66 +11 20.5 18.6 | -1.09 - 2.4 | 2.8/08.0  | 43130 |
| 2002 AG <sub>131</sub> | 2008 10 05.6 | 00 46.73 +44 00.3 20.1 | -1.07 - 3.8 | 10.9/20.7 | 21774 |
| 2005 XM <sub>40</sub>  | 2008 10 05.6 | 00 46.78 +13 55.7 19.6 | -0.97 - 5.4 | 3.2/08.5  | 02262 |
| 1997 SM <sub>18</sub>  | 2008 10 05.7 | 00 46.71 +13 34.8 18.3 | -1.17 + 0.9 | 4.0/07.7  | 43093 |
| 2002 CA <sub>56</sub>  | 2008 10 05.7 | 00 46.72 -13 46.9 20.1 | -0.76 - 8.9 | 5.2/28.8  | 21312 |
| 2002 PG <sub>29</sub>  | 2008 10 05.7 | 00 46.74 +04 52.9 19.4 | -0.74 - 5.2 | 0.0/05.7  | 43157 |
| 2003 EV <sub>52</sub>  | 2008 10 05.7 | 00 46.74 +13 54.8 21.1 | -1.29 + 0.2 | 2.9/08.0  | 16248 |
| 2005 CA <sub>54</sub>  | 2008 10 05.7 | 00 46.75 +05 48.4 19.5 | -0.77 - 3.4 | 0.2/06.0  | 43230 |
| 2003 YP <sub>129</sub> | 2008 10 05.7 | 00 46.75 +44 15.5 19.1 | -1.65 + 5.0 | 19.2/15.6 | 86212 |
| 2001 XZ <sub>80</sub>  | 2008 10 05.7 | 00 46.81 -00 44.8 20.1 | -0.91 - 5.6 | 1.9/03.9  | 43139 |
| 2003 UZ <sub>77</sub>  | 2008 10 05.7 | 00 46.83 +13 42.7 19.3 | -0.74 - 7.1 | 2.9/08.8  | 43187 |
| 2003 QU <sub>12</sub>  | 2008 10 05.7 | 00 46.84 -03 59.1 18.6 | -0.83 - 4.1 | 3.2/02.9  | 43174 |
| 2004 VE <sub>44</sub>  | 2008 10 05.7 | 00 46.85 +02 11.3 19.8 | -0.82 - 6.2 | 1.0/04.8  | 02225 |
| 2006 EC <sub>59</sub>  | 2008 10 05.7 | 00 46.86 +10 53.4 19.7 | -0.86 - 4.8 | 1.9/07.6  | 43265 |
| 2003 SO <sub>147</sub> | 2008 10 05.7 | 00 46.86 +11 21.8 18.1 | -1.19 + 4.0 | 2.5/07.0  | 42648 |
| 2002 EL <sub>14</sub>  | 2008 10 05.7 | 00 46.87 +06 45.3 19.4 | -0.85 - 7.7 | 0.6/06.3  | 43149 |
| 1998 HU <sub>23</sub>  | 2008 10 05.7 | 00 46.88 +09 41.3 20.6 | -0.89 - 4.9 | 1.5/07.2  | 01969 |
| 2006 AS <sub>70</sub>  | 2008 10 05.7 | 00 46.89 +14 38.6 20.4 | -0.96 - 5.4 | 3.8/08.8  | 43251 |
| 2002 CC <sub>79</sub>  | 2008 10 05.7 | 00 46.91 -08 52.7 19.6 | -0.84 - 6.8 | 4.9/31.0  | 97563 |
| 2001 XX <sub>133</sub> | 2008 10 05.7 | 00 46.95 +00 30.9 20.1 | -0.94 - 5.5 | 1.9/04.3  | 43139 |
| 2005 XR <sub>56</sub>  | 2008 10 05.7 | 00 46.96 +14 34.0 19.8 | -0.95 - 7.7 | 3.8/08.9  | 96630 |
| 2007 GO <sub>26</sub>  | 2008 10 05.7 | 00 46.97 -00 43.2 20.7 | -0.85 - 7.1 | 2.1/03.8  | 43279 |
| 2000 WD <sub>151</sub> | 2008 10 05.7 | 00 47.02 -40 02.5 19.5 | -1.48 + 3.4 | 18.9/21.3 | 19532 |
| 2000 JV <sub>68</sub>  | 2008 10 05.7 | 00 47.03 +05 35.5 22.0 | -0.95 - 6.7 | 0.2/05.9  | 19524 |
| 2002 AD <sub>58</sub>  | 2008 10 05.7 | 00 47.04 +11 17.2 19.6 | -0.90 - 5.1 | 2.1/07.8  | 43143 |
| 2002 JV <sub>141</sub> | 2008 10 05.7 | 00 47.06 +04 23.6 19.8 | -0.84 - 4.5 | 0.2/05.6  | 43155 |
| 2004 TE <sub>186</sub> | 2008 10 05.7 | 00 47.10 +08 40.4 19.7 | -0.86 - 6.8 | 1.3/07.0  | 43217 |
| 2006 FO <sub>26</sub>  | 2008 10 05.7 | 00 47.10 +04 31.4 19.8 | -0.70 - 8.0 | 0.2/05.6  | 03882 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 RU <sub>270</sub> | 2008 10 05.7 | 00 47.11 +22 18.6 20.2 | -0.91 - 1.4 | 5.3/11.0  | 21125 |
| 2006 DU <sub>143</sub> | 2008 10 05.7 | 00 47.11 -00 49.4 20.0 | -0.81 - 7.2 | 2.4/03.8  | 43262 |
| 2002 AS <sub>172</sub> | 2008 10 05.7 | 00 47.12 -18 23.7 18.0 | -0.75 - 4.4 | 11.4/27.0 | 43144 |
| 2001 OJ <sub>62</sub>  | 2008 10 05.7 | 00 47.13 +03 22.9 19.2 | -0.91 - 7.0 | 0.8/05.2  | 43121 |
| 2003 SQ <sub>336</sub> | 2008 10 05.8 | 00 47.09 -10 26.2 20.3 | -0.82 - 3.0 | 5.5/30.9  | 21802 |
| 2004 RU <sub>90</sub>  | 2008 10 05.8 | 00 47.10 +13 15.0 18.5 | -0.78 - 9.0 | 3.6/08.8  | 42707 |
| 2001 UC <sub>55</sub>  | 2008 10 05.8 | 00 47.11 -02 09.2 18.5 | -0.95 - 4.3 | 3.4/03.7  | 43133 |
| 2001 XF <sub>88</sub>  | 2008 10 05.8 | 00 47.11 -07 47.7 19.0 | -0.91 - 5.4 | 5.7/01.6  | 97521 |
| 2002 QO <sub>71</sub>  | 2008 10 05.8 | 00 47.19 -01 52.2 20.1 | -0.70 - 6.1 | 2.3/03.4  | 42620 |
| 2002 JR <sub>17</sub>  | 2008 10 05.8 | 00 47.20 +04 47.3 20.5 | -0.84 - 4.6 | 0.1/05.7  | 43154 |
| 2002 FR <sub>36</sub>  | 2008 10 05.8 | 00 47.21 -09 43.2 20.9 | -0.45 - 4.5 | 2.4/30.3  | 26617 |
| 2006 DA <sub>190</sub> | 2008 10 05.8 | 00 47.21 +01 25.4 22.2 | -0.81 - 6.0 | 1.1/04.6  | 40416 |
| 2004 VJ <sub>65</sub>  | 2008 10 05.8 | 00 47.24 +00 27.8 19.5 | -0.82 - 6.5 | 1.7/04.3  | 43223 |
| 1998 HG <sub>11</sub>  | 2008 10 05.8 | 00 47.25 -03 01.3 19.7 | -1.06 - 0.1 | 2.8/03.8  | 70217 |
| 2004 TO <sub>273</sub> | 2008 10 05.8 | 00 47.26 +15 28.5 19.0 | -0.79 -10.0 | 3.8/09.7  | 43219 |
| 2005 UU <sub>164</sub> | 2008 10 05.8 | 00 47.26 -02 55.9 21.0 | -1.10 - 3.1 | 3.1/03.6  | 20417 |
| 2003 SY <sub>139</sub> | 2008 10 05.8 | 00 47.26 +06 13.3 19.4 | -0.79 - 5.4 | 0.4/06.2  | 02167 |
| 2002 GF <sub>153</sub> | 2008 10 05.8 | 00 47.29 -11 03.8 20.4 | -0.83 - 4.5 | 5.0/30.6  | 00246 |
| 2005 WT <sub>117</sub> | 2008 10 05.8 | 00 47.30 +07 09.1 17.9 | -1.02 - 2.2 | 1.1/06.4  | 43244 |
| 2003 SW <sub>23</sub>  | 2008 10 05.8 | 00 47.33 +09 32.7 19.5 | -0.89 - 2.8 | 1.4/07.2  | 43176 |
| 2005 XJ <sub>38</sub>  | 2008 10 05.8 | 00 47.35 +20 08.0 20.1 | -0.84 - 3.0 | 3.9/10.7  | 02262 |
| 2002 GT <sub>170</sub> | 2008 10 05.8 | 00 47.35 +04 04.0 19.7 | -0.94 - 3.2 | 0.3/05.6  | 43154 |
| 2007 DN <sub>85</sub>  | 2008 10 05.8 | 00 47.37 -06 17.7 20.7 | -0.91 - 9.2 | 4.4/02.0  | 20542 |
| 2006 AB <sub>34</sub>  | 2008 10 05.8 | 00 47.38 -02 39.0 20.3 | -0.95 - 3.1 | 2.5/03.6  | 22806 |
| 2007 GJ <sub>24</sub>  | 2008 10 05.8 | 00 47.41 -00 45.0 21.3 | -0.92 - 6.1 | 2.0/04.0  | 40463 |
| 2002 CW <sub>206</sub> | 2008 10 05.8 | 00 47.44 -01 41.3 18.5 | -0.90 - 5.0 | 2.9/03.7  | 43148 |
| 2005 GL <sub>74</sub>  | 2008 10 05.8 | 00 47.45 -00 37.8 19.4 | -0.69 - 8.6 | 1.7/03.8  | 86698 |
| 2002 CM <sub>192</sub> | 2008 10 05.8 | 00 47.46 +07 17.6 20.1 | -0.90 - 4.8 | 0.8/06.6  | 43147 |
| 1995 JS                | 2008 10 05.8 | 00 47.46 -08 52.9 19.1 | -0.80 - 2.4 | 4.4/01.6  | 01963 |
| 2004 OD <sub>6</sub>   | 2008 10 05.8 | 00 47.48 +09 20.9 19.2 | -1.01 - 2.9 | 2.0/07.1  | 43203 |
| 2002 AC <sub>107</sub> | 2008 10 05.8 | 00 47.50 -06 47.3 18.6 | -0.89 - 5.7 | 5.1/02.0  | 97549 |
| 2003 UD <sub>195</sub> | 2008 10 05.8 | 00 47.50 -02 51.2 19.6 | -0.85 - 1.9 | 2.7/03.6  | 02186 |
| 2001 SY <sub>106</sub> | 2008 10 05.9 | 00 47.45 +13 29.5 18.5 | -1.04 - 3.5 | 3.5/08.3  | 43127 |
| 2006 AK <sub>63</sub>  | 2008 10 05.9 | 00 47.45 +23 06.1 20.1 | -0.98 - 4.3 | 6.1/11.8  | 20835 |
| 2002 OG <sub>13</sub>  | 2008 10 05.9 | 00 47.46 +24 29.2 19.5 | -0.80 - 5.6 | 5.5/12.9  | 40106 |
| 2005 YH <sub>132</sub> | 2008 10 05.9 | 00 47.49 +06 28.0 21.5 | -0.92 - 5.8 | 0.5/06.3  | 98055 |
| 2000 ST <sub>33</sub>  | 2008 10 05.9 | 00 47.49 -03 04.8 18.7 | -0.63 - 5.6 | 2.4/03.0  | 43108 |
| 2006 JS <sub>28</sub>  | 2008 10 05.9 | 00 47.50 +00 28.0 20.5 | -0.72 - 4.9 | 1.3/04.4  | 43268 |
| 2006 JX <sub>40</sub>  | 2008 10 05.9 | 00 47.50 -06 30.9 20.0 | -0.81 - 3.2 | 3.7/02.3  | 26170 |
| 2003 YQ <sub>3</sub>   | 2008 10 05.9 | 00 47.53 -41 27.1 19.9 | -1.32 + 1.0 | 18.8/19.9 | 22766 |
| 2003 FD <sub>108</sub> | 2008 10 05.9 | 00 47.53 +13 53.8 19.4 | -0.90 - 7.0 | 3.0/08.9  | 20778 |
| 2003 YR <sub>124</sub> | 2008 10 05.9 | 00 47.55 +40 14.3 20.1 | -1.50 + 0.4 | 15.5/16.3 | 17479 |
| 2003 BQ <sub>15</sub>  | 2008 10 05.9 | 00 47.57 -06 16.7 18.8 | -1.00 - 4.7 | 4.9/02.4  | 43167 |
| 2004 TD <sub>146</sub> | 2008 10 05.9 | 00 47.58 +00 12.7 19.2 | -1.11 + 0.8 | 2.0/04.8  | 43217 |
| 2002 RM <sub>127</sub> | 2008 10 05.9 | 00 47.64 +27 23.1 18.5 | -0.79 - 5.3 | 6.6/14.0  | 21320 |
| 2000 SK <sub>106</sub> | 2008 10 05.9 | 00 47.64 +05 05.5 18.2 | -0.82 - 7.4 | 0.0/05.9  | 43109 |
| 1997 GX <sub>31</sub>  | 2008 10 05.9 | 00 47.65 +04 13.2 19.8 | -0.95 - 7.8 | 0.4/05.7  | 43093 |
| 2003 WU <sub>78</sub>  | 2008 10 05.9 | 00 47.66 +00 13.7 19.8 | -0.81 - 2.5 | 1.4/04.5  | 43194 |
| 2000 EO <sub>162</sub> | 2008 10 05.9 | 00 47.67 +03 16.2 20.2 | -0.95 - 7.0 | 0.7/05.4  | 43104 |
| 2003 YB <sub>110</sub> | 2008 10 05.9 | 00 47.71 -02 36.3 20.1 | -0.82 - 2.1 | 2.4/03.7  | 00695 |
| 2002 GE <sub>104</sub> | 2008 10 05.9 | 00 47.72 -03 49.2 20.4 | -0.81 - 6.9 | 2.8/02.9  | 43153 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2005 WT <sub>168</sub> | 2008 10 05.9 | 00 47.73 -06 45.6 20.6 | -0.98 - 4.5 | 5.6/02.3  | 98012 |
| 2003 EY                | 2008 10 05.9 | 00 47.80 +02 15.2 20.1 | -0.99 - 4.0 | 0.9/05.1  | 43168 |
| 2007 EZ <sub>213</sub> | 2008 10 05.9 | 00 47.83 +06 49.4 20.2 | -0.88 - 8.8 | 0.6/06.6  | 43277 |
| 2003 YF <sub>92</sub>  | 2008 10 05.9 | 00 47.86 -16 36.8 20.0 | -0.85 - 1.6 | 6.3/29.2  | 02198 |
| 2001 XU <sub>74</sub>  | 2008 10 05.9 | 00 47.86 -01 02.9 18.6 | -0.80 - 6.3 | 3.0/03.9  | 43139 |
| 2005 YF <sub>120</sub> | 2008 10 05.9 | 00 47.86 -01 19.9 21.0 | -0.92 - 6.4 | 2.2/03.9  | 02265 |
| 2006 BW <sub>90</sub>  | 2008 10 06.0 | 00 47.80 -22 45.2 20.2 | -0.83 - 5.0 | 8.1/26.2  | 22808 |
| 1999 TA <sub>8</sub>   | 2008 10 06.0 | 00 47.82 -03 27.9 17.4 | -0.68 - 6.5 | 3.9/03.0  | 43098 |
| 2004 TS <sub>235</sub> | 2008 10 06.0 | 00 47.84 +01 42.9 20.5 | -0.89 - 4.8 | 1.3/05.0  | 43218 |
| 2007 LK <sub>20</sub>  | 2008 10 06.0 | 00 47.85 +01 29.1 19.4 | -0.77 - 7.4 | 1.4/04.7  | 43284 |
| 2001 FG <sub>87</sub>  | 2008 10 06.0 | 00 47.87 -07 10.0 19.6 | -0.72 - 6.7 | 3.6/01.7  | 02032 |
| 2002 HN <sub>1</sub>   | 2008 10 06.0 | 00 47.88 -09 48.1 20.0 | -0.95 - 2.0 | 4.8/01.7  | 94763 |
| 2007 GE <sub>27</sub>  | 2008 10 06.0 | 00 47.88 +03 06.1 19.7 | -0.82 - 9.1 | 0.8/05.3  | 21679 |
| 2006 GP <sub>36</sub>  | 2008 10 06.0 | 00 47.89 +00 49.0 21.2 | -0.92 - 4.1 | 1.4/04.7  | 01586 |
| 2001 XB <sub>49</sub>  | 2008 10 06.0 | 00 47.89 +01 19.0 19.5 | -0.96 - 5.5 | 1.5/04.8  | 43138 |
| 1997 YJ <sub>12</sub>  | 2008 10 06.0 | 00 47.89 +06 02.1 19.4 | -0.88 - 5.6 | 0.4/06.3  | 97332 |
| 2006 FM <sub>37</sub>  | 2008 10 06.0 | 00 47.89 +24 41.4 19.7 | -0.88 - 6.0 | 6.2/12.8  | 01541 |
| 1998 MS <sub>15</sub>  | 2008 10 06.0 | 00 47.90 +09 50.1 19.5 | -0.83 - 6.2 | 1.7/07.6  | 43094 |
| 2001 XK <sub>107</sub> | 2008 10 06.0 | 00 47.92 +06 04.3 20.0 | -0.91 - 6.5 | 0.3/06.3  | 43139 |
| 2005 EG <sub>95</sub>  | 2008 10 06.0 | 00 47.93 +05 47.5 19.3 | -0.98 - 0.1 | 0.2/06.2  | 43230 |
| 2006 BY <sub>157</sub> | 2008 10 06.0 | 00 47.93 +00 31.9 20.5 | -0.83 - 5.7 | 1.6/04.5  | 22809 |
| 2003 WY <sub>24</sub>  | 2008 10 06.0 | 00 47.94 +45 30.5 19.0 | -1.20 - 6.0 | 18.6/23.4 | 18063 |
| 2001 XO <sub>172</sub> | 2008 10 06.0 | 00 47.95 +02 59.6 20.1 | -0.91 - 6.5 | 0.8/05.3  | 43140 |
| 2007 HJ <sub>7</sub>   | 2008 10 06.0 | 00 47.97 -22 09.2 19.9 | -1.04 + 1.9 | 8.5/29.4  | 21364 |
| 2007 JG <sub>27</sub>  | 2008 10 06.0 | 00 48.00 +01 52.6 20.5 | -0.80 - 6.3 | 1.0/05.0  | 43284 |
| 2005 UU <sub>512</sub> | 2008 10 06.0 | 00 48.04 +04 41.1 20.0 | -0.78 - 4.5 | 0.1/05.9  | 43241 |
| 2003 OK <sub>29</sub>  | 2008 10 06.0 | 00 48.06 +06 47.1 19.7 | -0.82 - 5.0 | 0.6/06.6  | 43173 |
| 2007 HJ <sub>87</sub>  | 2008 10 06.0 | 00 48.07 -04 27.6 20.8 | -0.96 - 4.7 | 3.4/03.1  | 21694 |
| 2004 QP <sub>18</sub>  | 2008 10 06.0 | 00 48.07 -18 28.1 18.2 | -1.01 + 5.7 | 12.5/01.2 | 43206 |
| 2006 FV <sub>52</sub>  | 2008 10 06.0 | 00 48.10 +06 03.6 20.0 | -0.77 - 9.4 | 0.3/06.4  | 09543 |
| 2005 NU <sub>57</sub>  | 2008 10 06.0 | 00 48.11 -36 10.6 19.8 | -1.06 - 7.7 | 16.6/18.3 | 22792 |
| 2002 QE <sub>89</sub>  | 2008 10 06.0 | 00 48.14 -07 51.9 21.2 | -0.69 - 7.0 | 3.4/01.4  | 02120 |
| 2004 VB <sub>33</sub>  | 2008 10 06.0 | 00 48.14 -00 33.9 19.3 | -0.83 - 5.9 | 2.1/04.2  | 43222 |
| 2006 BA <sub>24</sub>  | 2008 10 06.0 | 00 48.15 +18 37.7 19.6 | -0.96 - 5.1 | 5.0/10.3  | 96994 |
| 2000 TS <sub>36</sub>  | 2008 10 06.0 | 00 48.16 -00 18.5 19.2 | -0.88 - 5.1 | 2.1/04.4  | 43112 |
| 2006 FE <sub>1</sub>   | 2008 10 06.0 | 00 48.17 -00 04.1 20.4 | -0.70 - 7.9 | 1.5/04.2  | 43265 |
| 2005 XK <sub>6</sub>   | 2008 10 06.0 | 00 48.27 +00 41.0 20.2 | -1.02 - 4.8 | 1.8/04.8  | 98018 |
| 2007 HV <sub>15</sub>  | 2008 10 06.1 | 00 48.17 -04 27.4 20.3 | -0.90 - 4.0 | 3.3/03.2  | 20633 |
| 2000 YY <sub>120</sub> | 2008 10 06.1 | 00 48.20 -19 06.2 19.7 | -0.96 - 2.4 | 8.3/28.3  | 43117 |
| 2002 CA <sub>129</sub> | 2008 10 06.1 | 00 48.21 -12 10.9 19.7 | -0.80 - 9.2 | 5.7/29.7  | 02075 |
| 1998 KN <sub>58</sub>  | 2008 10 06.1 | 00 48.24 -17 35.2 19.8 | -0.93 - 1.8 | 6.6/29.4  | 97336 |
| 2007 DC <sub>106</sub> | 2008 10 06.1 | 00 48.30 +03 15.2 20.8 | -0.92 - 7.6 | 0.7/05.5  | 20547 |
| 2005 XP <sub>65</sub>  | 2008 10 06.1 | 00 48.31 +03 37.8 20.5 | -1.01 - 6.1 | 0.6/05.7  | 43246 |
| 2006 BV <sub>79</sub>  | 2008 10 06.1 | 00 48.34 -02 47.2 18.6 | -0.87 - 4.0 | 3.3/03.7  | 22808 |
| 2000 HL <sub>25</sub>  | 2008 10 06.1 | 00 48.34 +03 41.1 20.2 | -1.00 - 4.9 | 0.6/05.7  | 43105 |
| 2006 BW <sub>120</sub> | 2008 10 06.1 | 00 48.34 -07 58.6 22.1 | -0.77 - 7.6 | 3.9/01.5  | 02277 |
| 2001 AD <sub>52</sub>  | 2008 10 06.1 | 00 48.35 -02 34.1 19.9 | -0.96 - 2.7 | 2.4/03.9  | 02025 |
| 2006 FH <sub>22</sub>  | 2008 10 06.1 | 00 48.35 +04 14.8 20.2 | -0.92 - 4.5 | 0.3/05.9  | 01524 |
| 1999 JW <sub>26</sub>  | 2008 10 06.1 | 00 48.36 +13 19.6 19.7 | -0.87 - 8.2 | 2.5/08.9  | 97345 |
| 2007 EV <sub>216</sub> | 2008 10 06.1 | 00 48.37 -17 30.2 20.2 | -0.90 - 4.5 | 7.6/29.0  | 41333 |
| 2006 HA <sub>18</sub>  | 2008 10 06.1 | 00 48.38 +01 17.2 20.8 | -0.73 - 4.7 | 1.0/04.9  | 43267 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2007 JX <sub>30</sub>  | 2008 10 06.1 | 00 48.39 -03 50.1 21.1 | -0.91 - 7.9 | 3.3/03.1  | 22891 |
| 2003 BO <sub>80</sub>  | 2008 10 06.1 | 00 48.41 -00 55.0 19.1 | -1.03 - 3.9 | 2.3/04.4  | 30167 |
| 2003 UV <sub>152</sub> | 2008 10 06.1 | 00 48.42 -40 29.3 17.8 | -1.02 + 3.5 | 16.2/19.9 | 43189 |
| 2006 BW <sub>108</sub> | 2008 10 06.1 | 00 48.43 -01 54.7 19.7 | -0.86 - 5.4 | 2.6/03.9  | 43254 |
| 2006 HM <sub>74</sub>  | 2008 10 06.1 | 00 48.43 -08 47.3 21.5 | -0.78 - 3.3 | 3.7/01.7  | 01691 |
| 2000 TH <sub>43</sub>  | 2008 10 06.1 | 00 48.43 -10 06.0 19.8 | -0.85 - 4.2 | 7.0/01.4  | 07887 |
| 2001 AP <sub>47</sub>  | 2008 10 06.1 | 00 48.44 +43 26.4 18.8 | -1.88 +12.3 | 17.2/10.2 | 68892 |
| 2001 BF <sub>11</sub>  | 2008 10 06.1 | 00 48.44 +26 58.4 19.6 | -0.94 - 4.2 | 7.3/13.2  | 21302 |
| 2005 YS <sub>53</sub>  | 2008 10 06.1 | 00 48.45 -02 01.5 20.7 | -0.87 - 5.4 | 2.4/03.9  | 96723 |
| 2003 WD <sub>37</sub>  | 2008 10 06.1 | 00 48.46 +19 54.2 20.2 | -0.81 - 4.3 | 4.3/11.0  | 21806 |
| 2002 AC <sub>25</sub>  | 2008 10 06.1 | 00 48.48 +03 13.4 17.7 | -0.71 - 9.1 | 0.9/05.4  | 43143 |
| 2004 RT <sub>336</sub> | 2008 10 06.1 | 00 48.49 +08 47.8 19.5 | -0.96 - 3.2 | 1.5/07.2  | 43212 |
| 2006 DR <sub>187</sub> | 2008 10 06.1 | 00 48.52 +03 39.6 20.8 | -0.75 - 3.6 | 0.4/05.7  | 02301 |
| 2001 DU <sub>38</sub>  | 2008 10 06.1 | 00 48.54 +10 26.9 19.0 | -0.84 - 6.7 | 1.9/07.9  | 43119 |
| 2005 EV <sub>38</sub>  | 2008 10 06.1 | 00 48.54 +12 19.0 19.8 | -0.96 - 0.3 | 2.1/08.0  | 76788 |
| 2005 WQ <sub>166</sub> | 2008 10 06.1 | 00 48.60 +04 16.7 20.4 | -0.98 - 6.4 | 0.4/05.9  | 43244 |
| 2006 OZ <sub>2</sub>   | 2008 10 06.2 | 00 48.56 +24 05.2 20.6 | -0.56 - 2.2 | 3.5/12.9  | 41849 |
| 2002 HY <sub>7</sub>   | 2008 10 06.2 | 00 48.60 +03 42.8 19.2 | -0.84 - 6.0 | 0.5/05.7  | 43154 |
| 2002 PM <sub>152</sub> | 2008 10 06.2 | 00 48.62 -05 46.2 20.7 | -0.77 - 5.0 | 3.4/02.7  | 21120 |
| 2006 DV <sub>30</sub>  | 2008 10 06.2 | 00 48.63 +05 29.9 20.7 | -0.74 - 4.7 | 0.1/06.3  | 01340 |
| 2006 BO <sub>89</sub>  | 2008 10 06.2 | 00 48.65 +06 13.8 19.6 | -0.88 - 4.5 | 0.4/06.5  | 19688 |
| 2000 XK <sub>17</sub>  | 2008 10 06.2 | 00 48.66 +20 42.3 18.8 | -0.95 - 3.6 | 5.6/11.0  | 43116 |
| 1999 UF <sub>37</sub>  | 2008 10 06.2 | 00 48.67 +03 57.8 19.3 | -0.78 - 7.4 | 0.4/05.8  | 29158 |
| 2001 SW <sub>150</sub> | 2008 10 06.2 | 00 48.69 +10 45.6 18.8 | -1.06 - 2.7 | 2.4/07.8  | 43128 |
| 1994 PO <sub>26</sub>  | 2008 10 06.2 | 00 48.69 +09 59.7 18.5 | -1.01 - 2.3 | 2.3/07.6  | 43091 |
| 2005 VU <sub>32</sub>  | 2008 10 06.2 | 00 48.74 +02 42.4 20.8 | -0.96 - 6.2 | 0.9/05.5  | 21350 |
| 2000 HC <sub>62</sub>  | 2008 10 06.2 | 00 48.80 +07 14.2 20.1 | -0.95 - 7.1 | 0.8/06.9  | 17912 |
| 2005 WV <sub>31</sub>  | 2008 10 06.2 | 00 48.81 -03 04.3 19.3 | -0.99 - 1.5 | 4.2/04.0  | 43243 |
| 2001 VO <sub>89</sub>  | 2008 10 06.2 | 00 48.81 -03 25.3 18.5 | -0.90 - 3.9 | 4.2/03.7  | 43136 |
| 2001 XX <sub>130</sub> | 2008 10 06.2 | 00 48.90 +09 51.3 20.0 | -0.89 - 7.9 | 1.7/07.8  | 97524 |
| 1998 HN <sub>118</sub> | 2008 10 06.2 | 00 48.91 -08 44.2 20.7 | -0.79 - 7.0 | 4.1/01.5  | 21291 |
| 2001 FQ <sub>182</sub> | 2008 10 06.2 | 00 48.92 +05 50.4 20.0 | -0.81 - 4.1 | 0.2/06.5  | 43120 |
| 2005 WS <sub>6</sub>   | 2008 10 06.2 | 00 48.92 +00 24.9 19.9 | -1.01 - 5.5 | 2.0/04.8  | 43243 |
| 2006 JU <sub>63</sub>  | 2008 10 06.2 | 00 48.95 +08 45.7 19.4 | -0.90 - 3.4 | 1.3/07.3  | 02349 |
| 2004 QC <sub>5</sub>   | 2008 10 06.3 | 00 48.91 +00 45.7 19.4 | -1.01 - 3.1 | 1.9/05.0  | 17499 |
| 2000 EM <sub>90</sub>  | 2008 10 06.3 | 00 48.93 +06 01.9 21.2 | -0.69 - 6.6 | 0.2/06.6  | 53649 |
| 2003 XR <sub>11</sub>  | 2008 10 06.3 | 00 48.95 -11 06.0 17.9 | -0.59 -12.9 | 6.0/29.5  | 43196 |
| 2003 GS <sub>15</sub>  | 2008 10 06.3 | 00 49.00 +04 03.6 20.7 | -0.92 - 5.3 | 0.4/06.0  | 43171 |
| 2007 LD <sub>9</sub>   | 2008 10 06.3 | 00 49.01 +12 56.0 20.4 | -0.81 - 8.4 | 2.5/09.0  | 43284 |
| 2005 LZ <sub>45</sub>  | 2008 10 06.3 | 00 49.03 -24 51.2 19.8 | -0.53 - 2.7 | 5.6/25.0  | 29747 |
| 2002 PV <sub>35</sub>  | 2008 10 06.3 | 00 49.08 +19 34.8 19.3 | -0.83 - 3.4 | 4.2/10.9  | 43157 |
| 2005 EM <sub>136</sub> | 2008 10 06.3 | 00 49.08 +07 47.3 21.2 | -0.84 - 2.8 | 0.7/07.1  | 77836 |
| 2007 HA <sub>26</sub>  | 2008 10 06.3 | 00 49.09 -01 43.4 20.9 | -0.98 - 5.2 | 2.5/04.2  | 26279 |
| 2004 RB <sub>290</sub> | 2008 10 06.3 | 00 49.10 +02 20.0 16.0 | -0.73 + 3.9 | 1.7/05.6  | 74355 |
| 2000 YU <sub>83</sub>  | 2008 10 06.3 | 00 49.10 -07 48.7 18.0 | -0.81 - 6.5 | 6.1/01.7  | 74066 |
| 1999 VJ <sub>129</sub> | 2008 10 06.3 | 00 49.19 +11 13.6 19.9 | -0.83 - 5.5 | 2.2/08.3  | 43101 |
| 2003 SV <sub>286</sub> | 2008 10 06.3 | 00 49.20 +07 43.6 20.1 | -0.79 - 5.1 | 0.9/07.2  | 43182 |
| 2001 RQ <sub>106</sub> | 2008 10 06.3 | 00 49.27 +00 53.3 19.8 | -1.03 - 3.2 | 2.1/05.2  | 17945 |
| 2002 RR <sub>250</sub> | 2008 10 06.3 | 00 49.27 +18 31.6 19.9 | -0.79 - 4.7 | 4.2/10.9  | 94845 |
| 2002 PD <sub>175</sub> | 2008 10 06.3 | 00 49.33 -05 00.1 20.7 | -0.77 - 3.7 | 3.2/03.2  | 00318 |
| 2003 SB <sub>293</sub> | 2008 10 06.3 | 00 49.33 +14 51.7 18.6 | -0.92 - 2.1 | 3.4/09.2  | 43183 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 FU <sub>104</sub> | 2008 10 06.3 | 00 49.35 -05 05.1 19.9 | -0.87 - 3.6 | 3.2/03.2  | 14611 |
| 2005 EZ <sub>172</sub> | 2008 10 06.4 | 00 49.27 -06 34.5 20.7 | -0.70 - 6.2 | 3.4/02.2  | 02247 |
| 2002 CJ <sub>58</sub>  | 2008 10 06.4 | 00 49.27 +03 40.8 20.0 | -0.90 - 5.4 | 0.6/05.9  | 43146 |
| 2004 RH <sub>166</sub> | 2008 10 06.4 | 00 49.28 +03 04.0 19.5 | -0.88 - 4.1 | 1.0/05.7  | 95391 |
| 2000 TB <sub>65</sub>  | 2008 10 06.4 | 00 49.30 +03 28.7 19.2 | -0.94 - 3.6 | 0.7/05.9  | 43112 |
| 2001 SB <sub>249</sub> | 2008 10 06.4 | 00 49.32 +00 26.5 18.5 | -1.11 - 0.5 | 2.1/05.2  | 43129 |
| 2006 DE <sub>12</sub>  | 2008 10 06.4 | 00 49.36 -01 55.8 19.7 | -0.80 - 6.3 | 2.5/04.0  | 43259 |
| 2004 OV <sub>4</sub>   | 2008 10 06.4 | 00 49.40 -02 05.4 19.5 | -0.94 - 6.0 | 3.1/04.1  | 43203 |
| 2006 AA <sub>79</sub>  | 2008 10 06.4 | 00 49.43 +25 07.2 20.3 | -0.95 - 4.3 | 6.2/13.0  | 03834 |
| 2003 SU <sub>162</sub> | 2008 10 06.4 | 00 49.47 +05 25.0 19.1 | -0.71 - 8.2 | 0.0/06.5  | 43179 |
| 2004 VG <sub>52</sub>  | 2008 10 06.4 | 00 49.49 +00 16.6 19.0 | -0.81 - 6.4 | 1.9/04.8  | 43222 |
| 2006 DT <sub>203</sub> | 2008 10 06.4 | 00 49.50 +02 46.7 18.6 | -0.99 + 0.4 | 0.8/05.8  | 01451 |
| 1028 T-3               | 2008 10 06.4 | 00 49.56 +19 09.5 18.5 | -0.82 - 4.4 | 4.7/11.1  | 43320 |
| 2006 DK <sub>128</sub> | 2008 10 06.4 | 00 49.58 +01 19.7 20.7 | -0.85 - 4.1 | 1.3/05.2  | 43262 |
| 2001 FZ <sub>24</sub>  | 2008 10 06.4 | 00 49.59 +01 22.9 19.9 | -0.77 - 6.7 | 1.1/05.1  | 43119 |
| 2001 SQ <sub>171</sub> | 2008 10 06.4 | 00 49.61 +02 16.2 18.8 | -1.04 - 2.5 | 1.4/05.6  | 43128 |
| 2002 EL <sub>99</sub>  | 2008 10 06.4 | 00 49.64 -06 48.3 20.1 | -0.92 - 3.1 | 3.8/02.9  | 43150 |
| 2005 WE <sub>196</sub> | 2008 10 06.4 | 00 49.65 -09 23.6 19.8 | -0.92 - 4.2 | 5.5/02.0  | 43245 |
| 2007 EY <sub>71</sub>  | 2008 10 06.4 | 00 49.65 +03 16.8 19.8 | -1.05 - 4.5 | 0.8/05.9  | 43275 |
| 2002 NO <sub>49</sub>  | 2008 10 06.4 | 00 49.67 -04 18.6 19.6 | -0.74 - 5.2 | 3.0/03.3  | 43156 |
| 2002 QJ <sub>69</sub>  | 2008 10 06.4 | 00 49.68 -00 09.2 20.6 | -0.73 - 5.2 | 1.6/04.7  | 02119 |
| 2005 XB <sub>74</sub>  | 2008 10 06.4 | 00 49.72 -01 59.3 19.3 | -1.04 - 3.9 | 3.0/04.4  | 43246 |
| 2006 FK <sub>35</sub>  | 2008 10 06.5 | 00 49.65 -05 17.5 19.5 | -0.88 - 2.4 | 3.4/03.4  | 43266 |
| 2005 YN <sub>269</sub> | 2008 10 06.5 | 00 49.66 -07 57.1 21.0 | -0.81 - 6.8 | 4.0/01.9  | 02268 |
| 2004 TS <sub>247</sub> | 2008 10 06.5 | 00 49.66 -22 21.5 18.3 | -0.92 + 0.4 | 12.3/28.4 | 43218 |
| 2004 BT <sub>95</sub>  | 2008 10 06.5 | 00 49.68 -45 00.0 20.3 | -1.08 - 5.3 | 20.6/18.0 | 17479 |
| 2002 QU <sub>96</sub>  | 2008 10 06.5 | 00 49.70 -10 35.4 19.9 | -0.74 - 5.0 | 4.8/01.1  | 43160 |
| 2006 FK <sub>45</sub>  | 2008 10 06.5 | 00 49.70 -03 05.5 20.3 | -1.30 + 2.4 | 3.0/04.7  | 01550 |
| 2005 EL <sub>204</sub> | 2008 10 06.5 | 00 49.80 -00 24.1 20.5 | -0.73 - 7.4 | 1.7/04.5  | 89641 |
| 2003 WS <sub>19</sub>  | 2008 10 06.5 | 00 49.80 +13 00.2 19.8 | -0.86 - 2.5 | 2.5/08.9  | 00663 |
| 1997 AW <sub>12</sub>  | 2008 10 06.5 | 00 49.83 +23 46.2 19.7 | -0.97 - 3.1 | 5.9/12.2  | 01966 |
| 2001 UT <sub>10</sub>  | 2008 10 06.5 | 00 49.84 +06 10.1 18.5 | -0.81 - 9.5 | 0.4/06.8  | 43133 |
| 2002 GA <sub>5</sub>   | 2008 10 06.5 | 00 49.86 +09 29.9 19.0 | -0.94 -22.8 | 1.7/08.2  | 43152 |
| 2007 GH <sub>40</sub>  | 2008 10 06.5 | 00 49.86 +01 05.5 20.2 | -0.91 - 5.0 | 1.6/05.2  | 43280 |
| 2004 PJ <sub>45</sub>  | 2008 10 06.5 | 00 49.91 +01 26.6 19.7 | -0.97 - 4.8 | 1.5/05.4  | 43204 |
| 2002 PV <sub>157</sub> | 2008 10 06.5 | 00 49.91 -14 02.7 20.0 | -0.72 - 5.8 | 5.8/29.7  | 02116 |
| 2002 CQ <sub>166</sub> | 2008 10 06.5 | 00 49.95 -06 00.8 21.3 | -0.87 - 5.6 | 3.6/02.9  | 94620 |
| 2001 KH <sub>9</sub>   | 2008 10 06.5 | 00 49.96 +00 35.3 19.6 | -0.76 - 4.0 | 1.4/05.1  | 02035 |
| 2006 BO <sub>56</sub>  | 2008 10 06.5 | 00 49.97 +02 04.0 19.5 | -1.00 - 1.6 | 1.2/05.7  | 43253 |
| 2004 RS <sub>327</sub> | 2008 10 06.5 | 00 50.01 +06 09.2 19.5 | -0.80 - 9.5 | 0.3/06.9  | 43212 |
| 2002 PB <sub>27</sub>  | 2008 10 06.5 | 00 50.02 -03 15.0 20.5 | -0.71 - 6.5 | 2.4/03.6  | 02112 |
| 2006 BR <sub>70</sub>  | 2008 10 06.5 | 00 50.04 -12 36.6 20.7 | -0.86 - 5.2 | 7.0/30.6  | 20485 |
| 2002 QJ <sub>102</sub> | 2008 10 06.5 | 00 50.05 -13 16.4 20.0 | -0.78 - 2.7 | 5.5/30.6  | 43160 |
| 2006 HQ <sub>74</sub>  | 2008 10 06.5 | 00 50.06 +08 01.3 20.0 | -0.71 - 7.3 | 0.8/07.5  | 43267 |
| 2002 AU <sub>134</sub> | 2008 10 06.5 | 00 50.07 +13 22.0 20.2 | -0.93 - 6.1 | 2.9/09.2  | 97550 |
| 2004 VC <sub>88</sub>  | 2008 10 06.6 | 00 50.03 +10 24.1 20.4 | -0.86 - 5.0 | 1.7/08.2  | 43223 |
| 2001 HS <sub>13</sub>  | 2008 10 06.6 | 00 50.03 -07 19.6 20.3 | -0.69 - 9.3 | 3.4/01.9  | 21763 |
| 2006 DL <sub>76</sub>  | 2008 10 06.6 | 00 50.03 +04 09.7 19.1 | -0.89 - 3.4 | 0.5/06.2  | 43261 |
| 2002 DP <sub>1</sub>   | 2008 10 06.6 | 00 50.04 -02 19.3 20.6 | -0.80 - 6.7 | 2.2/04.0  | 43149 |
| 2006 BT <sub>31</sub>  | 2008 10 06.6 | 00 50.06 -00 24.7 19.9 | -0.88 - 4.8 | 2.1/04.8  | 97001 |
| 2002 GZ <sub>64</sub>  | 2008 10 06.6 | 00 50.09 -06 51.4 20.5 | -0.96 - 2.4 | 3.8/03.1  | 00233 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 CN <sub>25</sub>  | 2008 10 06.6 | 00 50.11 -03 24.9 20.7 | -0.86 - 8.4 | 2.9/03.6  | 43168 |
| 2004 RL <sub>21</sub>  | 2008 10 06.6 | 00 50.12 +02 22.2 18.8 | -0.81 - 8.3 | 1.3/05.6  | 43206 |
| 2004 VH <sub>87</sub>  | 2008 10 06.6 | 00 50.13 +08 26.9 19.0 | -0.91 - 3.5 | 1.3/07.6  | 04310 |
| 2004 TV <sub>273</sub> | 2008 10 06.6 | 00 50.15 +09 41.1 19.3 | -0.87 - 6.5 | 1.7/08.0  | 74415 |
| 2006 EO <sub>26</sub>  | 2008 10 06.6 | 00 50.15 +07 01.4 20.9 | -0.77 - 4.8 | 0.5/07.2  | 02305 |
| 3752 T-3               | 2008 10 06.6 | 00 50.16 +03 57.1 19.2 | -1.05 + 1.3 | 0.6/06.3  | 22905 |
| 2006 DW <sub>49</sub>  | 2008 10 06.6 | 00 50.17 +06 52.9 20.4 | -0.82 - 3.5 | 0.4/07.1  | 02291 |
| 2001 SQ <sub>34</sub>  | 2008 10 06.6 | 00 50.18 +03 44.4 18.6 | -1.03 - 1.7 | 0.8/06.2  | 43126 |
| 2003 HN <sub>44</sub>  | 2008 10 06.6 | 00 50.18 -07 26.0 20.4 | -0.94 - 5.2 | 4.6/02.6  | 00439 |
| 2002 VW <sub>26</sub>  | 2008 10 06.6 | 00 50.23 +06 24.6 18.8 | -0.80 - 1.6 | 0.3/07.0  | 77675 |
| 2006 AY <sub>7</sub>   | 2008 10 06.6 | 00 50.24 -01 08.8 21.3 | -0.75 - 6.0 | 1.7/04.5  | 24477 |
| 2002 AN <sub>67</sub>  | 2008 10 06.6 | 00 50.24 +07 23.7 20.5 | -0.96 - 5.1 | 0.8/07.3  | 02063 |
| 2006 AK <sub>91</sub>  | 2008 10 06.6 | 00 50.24 -05 58.4 19.8 | -0.83 - 7.0 | 4.7/02.8  | 43252 |
| 2001 SG <sub>229</sub> | 2008 10 06.6 | 00 50.27 +01 26.6 19.6 | -0.86 - 9.3 | 1.6/05.3  | 21305 |
| 2005 EZ <sub>6</sub>   | 2008 10 06.6 | 00 50.31 +03 43.0 20.2 | -0.73 - 4.8 | 0.5/06.1  | 21349 |
| 2006 AA <sub>12</sub>  | 2008 10 06.6 | 00 50.32 +13 48.1 20.2 | -0.95 - 5.3 | 3.8/09.3  | 01202 |
| 2003 HO <sub>47</sub>  | 2008 10 06.6 | 00 50.35 +01 46.9 19.9 | -0.93 - 5.9 | 1.2/05.5  | 43172 |
| 2000 CS <sub>54</sub>  | 2008 10 06.6 | 00 50.35 -07 17.4 20.1 | -0.68 - 8.0 | 3.3/02.0  | 22667 |
| 2002 QV <sub>85</sub>  | 2008 10 06.6 | 00 50.37 -04 36.9 20.4 | -0.72 - 6.8 | 3.0/03.2  | 21320 |
| 2007 EK <sub>112</sub> | 2008 10 06.6 | 00 50.37 +05 24.6 21.2 | -1.01 - 5.7 | 0.0/06.7  | 41329 |
| 2004 PU <sub>112</sub> | 2008 10 06.6 | 00 50.41 +08 14.2 18.9 | -1.04 - 1.1 | 1.3/07.4  | 43205 |
| 2002 DV <sub>9</sub>   | 2008 10 06.6 | 00 50.44 +01 36.7 20.1 | -0.97 - 2.1 | 1.2/05.6  | 97577 |
| 2002 CU <sub>68</sub>  | 2008 10 06.6 | 00 50.45 +02 14.0 20.3 | -0.92 - 6.0 | 1.2/05.7  | 43146 |
| 2000 SD <sub>100</sub> | 2008 10 06.6 | 00 50.45 +09 22.7 18.2 | -0.90 - 4.3 | 1.7/07.9  | 43109 |
| 2001 TE <sub>98</sub>  | 2008 10 06.7 | 00 50.41 +12 19.1 18.0 | -0.90 - 9.0 | 3.0/09.1  | 43131 |
| 2004 RB <sub>221</sub> | 2008 10 06.7 | 00 50.43 +22 28.7 18.4 | -1.07 - 0.8 | 6.7/11.4  | 43210 |
| 2002 FS                | 2008 10 06.7 | 00 50.45 +10 05.7 21.3 | -0.84 - 6.2 | 1.4/08.3  | 94715 |
| 2002 ED <sub>112</sub> | 2008 10 06.7 | 00 50.46 +01 46.2 21.0 | -0.85 - 4.9 | 1.1/05.6  | 94705 |
| 2000 ED <sub>80</sub>  | 2008 10 06.7 | 00 50.51 +07 05.5 19.5 | -1.09 - 3.8 | 0.7/07.2  | 43104 |
| 2005 EV <sub>120</sub> | 2008 10 06.7 | 00 50.51 -04 31.4 19.8 | -0.67 -10.6 | 2.6/02.9  | 43230 |
| 2004 JR <sub>18</sub>  | 2008 10 06.7 | 00 50.52 -01 53.0 19.2 | -0.99 - 5.7 | 3.1/04.5  | 43201 |
| 2004 PU <sub>64</sub>  | 2008 10 06.7 | 00 50.55 +17 29.0 19.6 | -0.94 - 5.8 | 4.8/10.7  | 95291 |
| 1999 TN <sub>81</sub>  | 2008 10 06.7 | 00 50.55 +11 12.0 20.4 | -0.95 - 2.6 | 2.0/08.4  | 43098 |
| 2002 CY <sub>32</sub>  | 2008 10 06.7 | 00 50.58 -29 33.8 19.5 | -0.86 - 5.9 | 11.7/22.9 | 43146 |
| 2002 CT <sub>145</sub> | 2008 10 06.7 | 00 50.59 +13 38.6 19.7 | -0.89 - 4.5 | 2.5/09.3  | 02076 |
| 4531 P-L               | 2008 10 06.7 | 00 50.59 +03 26.4 19.4 | -0.89 - 2.9 | 1.0/06.2  | 35418 |
| 2005 XO <sub>104</sub> | 2008 10 06.7 | 00 50.62 +26 47.6 18.5 | -1.05 - 1.3 | 9.5/13.5  | 41835 |
| 2003 SF <sub>225</sub> | 2008 10 06.7 | 00 50.62 +06 18.1 19.4 | -0.72 - 7.9 | 0.3/07.1  | 43181 |
| 2006 FS <sub>36</sub>  | 2008 10 06.7 | 00 50.63 +01 29.9 19.5 | -0.79 - 9.0 | 1.2/05.4  | 43266 |
| 2003 YU <sub>28</sub>  | 2008 10 06.7 | 00 50.65 -20 12.8 18.4 | -0.83 - 0.6 | 9.6/28.9  | 43196 |
| 1995 QA <sub>6</sub>   | 2008 10 06.7 | 00 50.65 +13 29.8 19.9 | -0.51 - 3.5 | 1.5/09.6  | 43092 |
| 2000 DN <sub>70</sub>  | 2008 10 06.7 | 00 50.66 +00 31.9 20.4 | -0.73 - 5.8 | 1.4/05.1  | 43103 |
| 2004 AN <sub>10</sub>  | 2008 10 06.7 | 00 50.66 +45 06.2 18.6 | -1.45 + 3.3 | 20.4/19.9 | 87604 |
| 2002 RX <sub>247</sub> | 2008 10 06.7 | 00 50.69 +27 24.4 19.7 | -0.83 - 4.9 | 6.7/14.7  | 97617 |
| 2004 TR <sub>63</sub>  | 2008 10 06.7 | 00 50.70 +03 32.2 19.5 | -0.97 - 2.5 | 0.8/06.2  | 43215 |
| 2004 VZ <sub>110</sub> | 2008 10 06.7 | 00 50.73 +02 23.9 20.1 | -0.88 - 4.3 | 1.1/05.8  | 43223 |
| 2006 HJ <sub>78</sub>  | 2008 10 06.7 | 00 50.74 +01 41.4 20.5 | -0.64 - 3.7 | 0.9/05.5  | 43267 |
| 2003 QZ <sub>67</sub>  | 2008 10 06.7 | 00 50.74 +13 43.4 19.9 | -0.87 - 4.5 | 2.7/09.4  | 02157 |
| 2002 CY <sub>94</sub>  | 2008 10 06.7 | 00 50.77 +05 32.8 19.2 | -0.90 - 4.4 | 0.0/06.8  | 43146 |
| 2001 XR <sub>207</sub> | 2008 10 06.8 | 00 50.73 -12 34.0 19.1 | -0.66 - 3.7 | 4.6/30.5  | 47051 |
| 2003 UC <sub>228</sub> | 2008 10 06.8 | 00 50.76 +01 32.1 19.9 | -0.85 - 1.9 | 1.2/05.7  | 43191 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 EP <sub>151</sub> | 2008 10 06.8 | 00 50.76 +04 31.9 20.1 | -0.87 - 4.4 | 0.3/06.5  | 43151 |
| 2002 QP <sub>100</sub> | 2008 10 06.8 | 00 50.76 -19 21.7 20.0 | -0.73 - 4.6 | 8.0/28.1  | 08338 |
| 2006 DL <sub>195</sub> | 2008 10 06.8 | 00 50.79 +03 26.9 20.5 | -0.88 - 3.5 | 0.6/06.2  | 04370 |
| 2003 FJ <sub>4</sub>   | 2008 10 06.8 | 00 50.83 -23 01.2 20.4 | -1.24 + 0.2 | 10.1/28.9 | 94941 |
| 2004 HH <sub>38</sub>  | 2008 10 06.8 | 00 50.84 -07 50.8 18.1 | -0.97 - 4.0 | 6.2/02.9  | 43200 |
| 2007 HN <sub>53</sub>  | 2008 10 06.8 | 00 50.86 +00 39.4 19.7 | -0.80 - 7.3 | 1.8/05.2  | 22889 |
| 2004 OF <sub>4</sub>   | 2008 10 06.8 | 00 50.88 +10 16.3 18.5 | -1.04 - 3.1 | 2.2/08.2  | 19615 |
| 2004 TX <sub>35</sub>  | 2008 10 06.8 | 00 50.92 +06 02.1 18.8 | -0.93 - 3.3 | 0.2/07.0  | 20804 |
| 2001 QJ <sub>226</sub> | 2008 10 06.8 | 00 50.94 +15 25.2 17.9 | -0.86 - 6.5 | 4.8/10.2  | 43123 |
| 2007 FF <sub>10</sub>  | 2008 10 06.8 | 00 50.95 +10 30.4 20.0 | -1.01 - 4.6 | 1.8/08.4  | 43278 |
| 2001 SG <sub>186</sub> | 2008 10 06.8 | 00 50.96 -02 56.2 19.1 | -0.93 - 5.3 | 3.9/04.3  | 43128 |
| 2005 AG <sub>82</sub>  | 2008 10 06.8 | 00 50.97 -11 22.3 20.3 | -0.77 - 4.7 | 5.1/01.2  | 41172 |
| 2005 YK <sub>178</sub> | 2008 10 06.8 | 00 50.98 +03 04.4 20.6 | -0.89 - 6.3 | 0.8/06.1  | 02266 |
| 2001 RQ <sub>47</sub>  | 2008 10 06.8 | 00 51.01 +08 15.7 19.1 | -1.41 + 1.4 | 1.1/08.0  | 43124 |
| 2007 DF <sub>41</sub>  | 2008 10 06.8 | 00 51.05 +11 03.9 19.8 | -0.99 - 6.2 | 2.2/08.6  | 26250 |
| 2002 PG <sub>61</sub>  | 2008 10 06.8 | 00 51.06 +33 15.4 19.0 | -1.13 + 1.7 | 8.6/14.7  | 43158 |
| 2004 TE <sub>286</sub> | 2008 10 06.8 | 00 51.07 +11 41.2 19.7 | -0.80 - 9.7 | 2.2/09.1  | 20366 |
| 2003 DA <sub>14</sub>  | 2008 10 06.8 | 00 51.12 -00 03.8 19.8 | -0.94 - 5.5 | 1.9/05.2  | 43168 |
| 2005 YG <sub>143</sub> | 2008 10 06.8 | 00 51.12 +13 44.8 19.1 | -0.98 - 3.3 | 3.7/09.3  | 43248 |
| 2002 RJ <sub>78</sub>  | 2008 10 06.8 | 00 51.15 -04 21.4 19.3 | -0.65 - 9.0 | 2.8/03.2  | 43161 |
| 2000 SW <sub>264</sub> | 2008 10 06.8 | 00 51.16 +01 22.2 19.1 | -0.86 - 4.1 | 1.9/05.6  | 02011 |
| 2003 WB <sub>16</sub>  | 2008 10 06.9 | 00 51.11 +02 29.4 19.9 | -0.76 - 4.9 | 0.9/05.9  | 43193 |
| 2006 GB <sub>47</sub>  | 2008 10 06.9 | 00 51.13 -00 20.2 19.5 | -0.83 - 2.2 | 1.7/05.2  | 43267 |
| 2002 PA <sub>101</sub> | 2008 10 06.9 | 00 51.17 +13 30.5 19.5 | -0.86 - 2.4 | 2.6/09.3  | 74200 |
| 2000 JD <sub>64</sub>  | 2008 10 06.9 | 00 51.17 +11 15.8 19.4 | -0.92 - 8.1 | 2.2/08.9  | 17913 |
| 2007 LJ <sub>15</sub>  | 2008 10 06.9 | 00 51.28 +06 04.7 20.8 | -0.76 - 9.2 | 0.2/07.2  | 43284 |
| 2004 XU <sub>31</sub>  | 2008 10 06.9 | 00 51.30 +19 48.3 17.4 | -0.73 - 2.2 | 7.5/11.5  | 43224 |
| 2003 GE <sub>24</sub>  | 2008 10 06.9 | 00 51.33 +01 41.1 20.8 | -0.91 - 5.8 | 1.3/05.8  | 20779 |
| 1999 VK <sub>155</sub> | 2008 10 06.9 | 00 51.33 +09 32.5 19.8 | -0.85 - 4.8 | 1.3/08.2  | 43101 |
| 2007 HS <sub>82</sub>  | 2008 10 06.9 | 00 51.33 -06 46.8 20.5 | -0.92 - 5.9 | 4.4/03.0  | 20662 |
| 2005 AZ <sub>81</sub>  | 2008 10 06.9 | 00 51.36 -11 48.6 21.2 | -0.78 - 2.5 | 4.3/01.5  | 09107 |
| 2006 DD <sub>191</sub> | 2008 10 06.9 | 00 51.36 +00 59.7 21.6 | -0.79 - 4.5 | 1.3/05.5  | 01438 |
| 2001 SW <sub>84</sub>  | 2008 10 06.9 | 00 51.39 +06 52.4 19.5 | -0.95 - 7.9 | 0.6/07.4  | 43127 |
| 2001 WW <sub>36</sub>  | 2008 10 06.9 | 00 51.40 -19 19.6 18.8 | -1.16 + 4.1 | 11.8/01.8 | 43137 |
| 2003 WP <sub>147</sub> | 2008 10 06.9 | 00 51.42 +06 50.6 18.4 | -0.68 - 8.3 | 0.4/07.5  | 43195 |
| 2005 WB <sub>157</sub> | 2008 10 06.9 | 00 51.42 +04 24.8 17.7 | -0.79 - 6.8 | 0.6/06.6  | 43244 |
| 2005 AV <sub>10</sub>  | 2008 10 06.9 | 00 51.43 +22 13.9 21.0 | -0.82 - 2.9 | 4.2/12.3  | 23997 |
| 2006 BW <sub>191</sub> | 2008 10 06.9 | 00 51.44 +06 17.9 19.4 | -0.90 - 3.7 | 0.3/07.2  | 43256 |
| 2003 UM <sub>197</sub> | 2008 10 06.9 | 00 51.45 +12 01.8 19.7 | -0.73 - 7.6 | 2.1/09.3  | 57126 |
| 2004 UP <sub>2</sub>   | 2008 10 06.9 | 00 51.49 -12 38.4 18.7 | -0.98 - 0.4 | 7.9/02.1  | 43221 |
| 2006 FA <sub>53</sub>  | 2008 10 06.9 | 00 51.50 +01 35.0 20.7 | -0.77 - 4.6 | 1.2/05.7  | 43266 |
| 2001 MT <sub>22</sub>  | 2008 10 06.9 | 00 51.51 -04 55.0 19.6 | -1.06 - 2.7 | 4.8/04.2  | 97440 |
| 2006 FD <sub>46</sub>  | 2008 10 06.9 | 00 51.51 +02 53.5 19.9 | -0.70 - 8.2 | 0.8/06.1  | 43266 |
| 2006 AV <sub>69</sub>  | 2008 10 06.9 | 00 51.52 +23 43.4 21.7 | -0.95 - 4.0 | 5.4/12.9  | 09491 |
| 2001 WW <sub>38</sub>  | 2008 10 06.9 | 00 51.55 -17 43.5 19.1 | -1.02 - 3.4 | 9.8/29.4  | 43137 |
| 2001 XE <sub>77</sub>  | 2008 10 07.0 | 00 51.49 +01 25.6 20.1 | -0.94 - 6.1 | 1.6/05.7  | 94340 |
| 2007 HP <sub>25</sub>  | 2008 10 07.0 | 00 51.52 +02 14.0 20.5 | -0.93 - 3.9 | 1.2/06.0  | 20637 |
| 2006 HA <sub>8</sub>   | 2008 10 07.0 | 00 51.52 +05 24.7 19.9 | -0.71 - 6.0 | 0.0/07.0  | 43267 |
| 2004 FR <sub>107</sub> | 2008 10 07.0 | 00 51.53 -01 50.0 19.8 | -1.01 - 6.2 | 3.0/04.8  | 16267 |
| 2004 TA <sub>216</sub> | 2008 10 07.0 | 00 51.54 +08 24.5 18.9 | -0.89 - 5.1 | 1.1/08.0  | 43218 |
| 2003 YN <sub>33</sub>  | 2008 10 07.0 | 00 51.55 -12 53.8 19.2 | -0.79 - 3.3 | 6.4/01.0  | 43196 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 MT                | 2008 10 07.0 | 00 51.57 +03 09.6 19.6 | -0.95 - 8.0 | 0.9/06.3  | 43202 |
| 2004 RA <sub>204</sub> | 2008 10 07.0 | 00 51.57 +10 21.0 20.2 | -0.84 - 5.5 | 2.2/08.6  | 00772 |
| 2001 SB <sub>324</sub> | 2008 10 07.0 | 00 51.63 +17 30.2 19.1 | -0.99 - 5.7 | 4.8/10.8  | 43129 |
| 2005 BY <sub>3</sub>   | 2008 10 07.0 | 00 51.64 -10 41.5 19.7 | -0.75 - 5.6 | 5.3/01.5  | 43229 |
| 2002 JN <sub>76</sub>  | 2008 10 07.0 | 00 51.67 +11 23.9 20.7 | -0.81 - 7.1 | 1.8/09.0  | 02102 |
| 2003 YC <sub>13</sub>  | 2008 10 07.0 | 00 51.69 +20 16.9 18.2 | -0.83 - 2.6 | 5.4/11.7  | 43196 |
| 1999 CE <sub>8</sub>   | 2008 10 07.0 | 00 51.71 +18 51.4 19.6 | -0.83 - 3.1 | 4.0/11.2  | 24289 |
| 2000 HA <sub>34</sub>  | 2008 10 07.0 | 00 51.73 +04 53.0 19.8 | -0.68 - 7.8 | 0.2/06.8  | 10736 |
| 2004 SD <sub>22</sub>  | 2008 10 07.0 | 00 51.73 +01 11.5 18.7 | -0.86 - 4.3 | 2.0/05.7  | 43213 |
| 2004 XC <sub>5</sub>   | 2008 10 07.0 | 00 51.77 -00 45.8 19.8 | -0.90 - 3.6 | 2.3/05.2  | 43224 |
| 2000 SP <sub>86</sub>  | 2008 10 07.0 | 00 51.81 -05 02.8 18.4 | -0.89 - 4.0 | 4.4/03.8  | 97396 |
| 2000 LE <sub>9</sub>   | 2008 10 07.0 | 00 51.81 +06 26.8 20.3 | -0.94 - 7.1 | 0.3/07.4  | 20735 |
| 2002 RM <sub>162</sub> | 2008 10 07.0 | 00 51.82 +12 30.0 19.4 | -0.88 - 1.3 | 2.2/09.1  | 75595 |
| 2007 LO <sub>1</sub>   | 2008 10 07.0 | 00 51.83 +03 53.8 21.1 | -0.88 - 8.0 | 0.6/06.5  | 26293 |
| 2007 JU <sub>23</sub>  | 2008 10 07.0 | 00 51.83 -07 03.7 20.9 | -0.90 - 2.9 | 3.9/03.4  | 26289 |
| 2004 GD <sub>14</sub>  | 2008 10 07.0 | 00 51.84 -20 38.5 19.6 | -1.46 + 6.9 | 11.6/03.1 | 66357 |
| 2001 VG <sub>57</sub>  | 2008 10 07.0 | 00 51.85 +01 25.7 20.0 | -0.94 - 6.7 | 1.6/05.8  | 43136 |
| 2004 UY <sub>8</sub>   | 2008 10 07.0 | 00 51.85 +31 47.5 19.8 | -1.09 - 1.5 | 10.6/15.7 | 43221 |
| 2005 GK <sub>33</sub>  | 2008 10 07.0 | 00 51.86 -04 12.5 20.4 | -0.68 - 7.1 | 2.7/03.6  | 11091 |
| 2005 YN <sub>85</sub>  | 2008 10 07.0 | 00 51.88 -10 15.7 19.9 | -0.90 - 4.1 | 6.8/02.2  | 18168 |
| 1999 RZ <sub>106</sub> | 2008 10 07.0 | 00 51.89 +10 09.3 18.3 | -0.85 - 4.4 | 1.9/08.5  | 43097 |
| 2003 SY <sub>184</sub> | 2008 10 07.0 | 00 51.89 +02 54.1 19.4 | -0.85 - 3.2 | 0.9/06.3  | 43180 |
| 2001 XA <sub>216</sub> | 2008 10 07.1 | 00 51.85 +07 57.7 20.6 | -0.93 - 5.9 | 0.8/07.9  | 94391 |
| 2003 AJ <sub>79</sub>  | 2008 10 07.1 | 00 51.89 -37 50.0 20.2 | -1.14 - 1.9 | 14.8/20.3 | 02143 |
| 2002 AT <sub>120</sub> | 2008 10 07.1 | 00 51.91 -04 51.7 19.2 | -0.86 - 5.8 | 3.5/03.7  | 43144 |
| 2000 EH <sub>123</sub> | 2008 10 07.1 | 00 51.95 +00 43.9 20.3 | -0.72 - 5.0 | 1.3/05.5  | 43104 |
| 2002 CF <sub>221</sub> | 2008 10 07.1 | 00 51.96 +14 16.4 20.8 | -0.99 - 2.4 | 2.7/09.6  | 00181 |
| 2003 SG <sub>199</sub> | 2008 10 07.1 | 00 51.96 +15 45.2 18.4 | -0.76 - 7.0 | 3.2/10.7  | 43180 |
| 2002 AM <sub>42</sub>  | 2008 10 07.1 | 00 51.98 -01 20.6 19.9 | -0.85 - 5.9 | 2.1/04.9  | 43143 |
| 2007 FK <sub>32</sub>  | 2008 10 07.1 | 00 52.01 +07 25.7 20.1 | -0.78 -11.4 | 0.6/08.0  | 20860 |
| 2004 VW <sub>41</sub>  | 2008 10 07.1 | 00 52.01 -08 50.1 20.6 | -0.95 - 1.7 | 4.7/03.0  | 95600 |
| 2006 DG <sub>46</sub>  | 2008 10 07.1 | 00 52.03 +04 41.5 20.2 | -0.82 - 4.4 | 0.3/06.9  | 43260 |
| 2002 CB <sub>154</sub> | 2008 10 07.1 | 00 52.06 +02 56.2 19.7 | -0.85 - 5.9 | 0.9/06.3  | 43147 |
| 2005 WE <sub>10</sub>  | 2008 10 07.1 | 00 52.06 +11 26.5 20.7 | -0.95 - 6.4 | 2.0/09.0  | 96441 |
| 2007 GA <sub>25</sub>  | 2008 10 07.1 | 00 52.07 +16 39.5 19.6 | -0.87 - 9.3 | 3.8/11.1  | 43279 |
| 2003 WW <sub>68</sub>  | 2008 10 07.1 | 00 52.08 -00 44.1 19.6 | -0.75 - 4.0 | 1.9/05.1  | 43193 |
| 2000 AR <sub>207</sub> | 2008 10 07.1 | 00 52.09 -05 59.2 21.1 | -0.69 - 5.6 | 2.9/03.2  | 21296 |
| 2003 WN                | 2008 10 07.1 | 00 52.10 -09 25.3 18.7 | -0.83 - 1.8 | 5.4/02.7  | 43192 |
| 2005 WE <sub>170</sub> | 2008 10 07.1 | 00 52.10 +00 18.9 20.8 | -0.94 - 5.6 | 1.8/05.5  | 43244 |
| 2002 GP <sub>169</sub> | 2008 10 07.1 | 00 52.11 +07 19.6 20.6 | -0.86 - 5.3 | 0.5/07.7  | 94761 |
| 2004 VL <sub>7</sub>   | 2008 10 07.1 | 00 52.14 -01 13.1 19.1 | -0.84 - 5.8 | 2.6/05.0  | 43221 |
| 2004 PR <sub>24</sub>  | 2008 10 07.1 | 00 52.14 +14 19.2 18.4 | -1.03 - 2.8 | 3.7/09.7  | 43203 |
| 2004 TR <sub>283</sub> | 2008 10 07.1 | 00 52.14 +05 10.6 20.1 | -0.89 - 6.0 | 0.2/07.0  | 43219 |
| 2002 GO <sub>151</sub> | 2008 10 07.1 | 00 52.14 +01 06.3 19.8 | -0.84 - 5.9 | 1.4/05.7  | 43154 |
| 2003 UC <sub>28</sub>  | 2008 10 07.1 | 00 52.16 +15 44.4 18.9 | -0.74 - 7.6 | 3.1/10.9  | 43185 |
| 2002 JW <sub>130</sub> | 2008 10 07.1 | 00 52.17 -07 25.5 18.8 | -0.91 - 2.5 | 4.7/03.3  | 43155 |
| 2001 TT <sub>52</sub>  | 2008 10 07.1 | 00 52.18 -02 28.5 19.0 | -0.80 - 4.5 | 4.1/04.6  | 97479 |
| 2002 NY <sub>64</sub>  | 2008 10 07.1 | 00 52.20 -05 53.6 20.2 | -0.78 - 3.8 | 3.8/03.6  | 18016 |
| 2006 DB <sub>132</sub> | 2008 10 07.1 | 00 52.23 -01 53.8 19.3 | -0.86 - 4.8 | 3.4/04.8  | 97208 |
| 2005 EH <sub>173</sub> | 2008 10 07.1 | 00 52.24 +12 20.0 20.5 | -0.77 - 3.7 | 1.9/09.3  | 76934 |
| 2002 QX <sub>56</sub>  | 2008 10 07.1 | 00 52.25 +02 58.8 20.2 | -0.76 - 4.4 | 0.8/06.4  | 43160 |

|                        |              |                        |             |          |       |                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|----------|-------|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 WH <sub>128</sub> | 2008 10 07.1 | 00 52.25 +17 09.7 18.7 | -0.78 - 6.1 | 3.8/11.2 | 43194 | 1999 TN <sub>319</sub> | 2008 10 07.3 | 00 52.67 +04 39.0 21.1 | -0.89 - 3.4 | 0.4/07.0  | 15680 |
| 1997 VH <sub>7</sub>   | 2008 10 07.2 | 00 52.19 -00 16.5 18.6 | -1.01 - 2.5 | 2.5/05.6 | 43093 | 2002 CY <sub>1</sub>   | 2008 10 07.3 | 00 52.68 +19 59.3 19.8 | -1.00 - 3.0 | 4.4/11.7  | 94559 |
| 2005 YZ <sub>192</sub> | 2008 10 07.2 | 00 52.19 -02 01.8 20.4 | -0.92 - 5.9 | 2.9/04.8 | 43249 | 2001 XE <sub>177</sub> | 2008 10 07.3 | 00 52.73 +06 43.2 18.4 | -0.83 - 7.2 | 0.5/07.7  | 02055 |
| 2006 DN <sub>138</sub> | 2008 10 07.2 | 00 52.20 -01 00.4 20.8 | -0.81 - 5.3 | 2.0/05.1 | 43262 | 2003 OS <sub>3</sub>   | 2008 10 07.3 | 00 52.74 +02 13.2 19.3 | -0.80 - 6.4 | 1.2/06.2  | 43173 |
| 1999 TL <sub>60</sub>  | 2008 10 07.2 | 00 52.21 +07 47.5 19.5 | -0.86 - 4.9 | 0.8/07.9 | 43098 | 2000 UR <sub>105</sub> | 2008 10 07.3 | 00 52.76 -06 19.8 18.6 | -0.73 - 6.8 | 5.6/03.1  | 43113 |
| 1999 VG <sub>154</sub> | 2008 10 07.2 | 00 52.22 +00 44.3 20.6 | -0.86 - 3.5 | 1.7/05.7 | 87361 | 2007 TA                | 2008 10 07.3 | 00 52.77 -09 51.3 19.5 | -0.49 - 3.8 | 3.0/01.8  | 42900 |
| 2006 DO <sub>12</sub>  | 2008 10 07.2 | 00 52.22 +12 35.3 21.3 | -0.92 - 3.3 | 2.1/09.3 | 02288 | 2004 TT <sub>95</sub>  | 2008 10 07.3 | 00 52.77 +05 59.4 19.9 | -0.83 - 6.7 | 0.1/07.5  | 43216 |
| 2006 DL <sub>43</sub>  | 2008 10 07.2 | 00 52.23 +08 57.0 20.1 | -0.91 - 3.3 | 1.3/08.2 | 02291 | 2001 XL <sub>187</sub> | 2008 10 07.3 | 00 52.81 +10 27.1 19.7 | -0.90 - 6.6 | 1.7/08.9  | 43140 |
| 2004 TX <sub>5</sub>   | 2008 10 07.2 | 00 52.26 +02 19.8 19.1 | -1.01 - 0.1 | 1.5/06.4 | 97750 | 2003 BE <sub>93</sub>  | 2008 10 07.3 | 00 52.82 -03 01.0 19.9 | -1.09 - 2.1 | 3.8/05.0  | 34748 |
| 1998 HA <sub>35</sub>  | 2008 10 07.2 | 00 52.27 -02 52.9 20.4 | -0.86 - 5.2 | 2.6/04.5 | 21291 | 2003 XK <sub>20</sub>  | 2008 10 07.3 | 00 52.85 +46 57.1 19.6 | -0.98 - 2.0 | 12.4/23.7 | 21337 |
| 2001 VE <sub>49</sub>  | 2008 10 07.2 | 00 52.29 -17 05.2 19.8 | -1.03 - 3.2 | 8.2/30.1 | 02049 | 2005 YZ <sub>60</sub>  | 2008 10 07.3 | 00 52.87 +09 11.1 19.8 | -0.98 - 6.8 | 1.4/08.5  | 19678 |
| 2007 HP <sub>88</sub>  | 2008 10 07.2 | 00 52.30 -00 53.7 21.9 | -0.98 - 5.3 | 2.1/05.3 | 22890 | 2007 JG <sub>17</sub>  | 2008 10 07.3 | 00 52.87 +02 59.0 20.9 | -0.96 - 6.3 | 1.0/06.5  | 21231 |
| 2005 WS <sub>87</sub>  | 2008 10 07.2 | 00 52.31 +17 12.5 19.5 | -0.93 - 6.8 | 4.8/11.1 | 96505 | 1999 FH <sub>60</sub>  | 2008 10 07.3 | 00 52.87 -02 10.0 19.7 | -0.91 - 7.4 | 2.7/04.8  | 97344 |
| 2002 QF <sub>71</sub>  | 2008 10 07.2 | 00 52.35 +16 47.3 20.5 | -0.86 - 3.0 | 3.3/10.7 | 94823 | 2002 LP <sub>22</sub>  | 2008 10 07.3 | 00 52.88 -15 42.8 20.7 | -0.90 - 1.9 | 6.2/31.0  | 97604 |
| 2003 EP <sub>24</sub>  | 2008 10 07.2 | 00 52.36 -01 10.5 20.0 | -0.96 - 5.2 | 2.4/05.2 | 04253 | 2005 CU <sub>1</sub>   | 2008 10 07.3 | 00 52.91 +17 27.1 19.7 | -0.80 - 3.7 | 3.3/11.2  | 43229 |
| 2007 GN <sub>51</sub>  | 2008 10 07.2 | 00 52.38 -17 37.3 20.6 | -0.88 - 4.1 | 7.6/29.9 | 22887 | 2000 WH <sub>129</sub> | 2008 10 07.3 | 00 52.92 -01 28.8 18.6 | -0.93 - 1.8 | 3.1/05.4  | 43115 |
| 2000 SJ <sub>75</sub>  | 2008 10 07.2 | 00 52.38 -02 37.8 18.7 | -0.87 - 6.1 | 3.3/04.5 | 43109 | 2001 SC <sub>26</sub>  | 2008 10 07.3 | 00 52.93 +06 57.7 19.6 | -1.06 - 3.1 | 0.5/07.7  | 43126 |
| 2007 JN <sub>5</sub>   | 2008 10 07.2 | 00 52.41 +03 12.2 20.3 | -0.95 - 5.0 | 0.9/06.5 | 43283 | 2004 RC <sub>168</sub> | 2008 10 07.3 | 00 52.95 +11 24.4 18.8 | -0.87 - 8.8 | 2.3/09.4  | 73115 |
| 2004 XL <sub>124</sub> | 2008 10 07.2 | 00 52.42 +07 02.6 18.1 | -1.08 + 1.3 | 0.6/07.6 | 43226 | 2006 FP <sub>34</sub>  | 2008 10 07.3 | 00 52.96 +15 23.6 19.0 | -1.06 - 1.2 | 3.4/10.0  | 11166 |
| 2002 EH <sub>75</sub>  | 2008 10 07.2 | 00 52.42 -21 51.0 19.2 | -0.76 -12.2 | 9.3/25.9 | 43150 | 2003 QU <sub>9</sub>   | 2008 10 07.3 | 00 52.97 +07 02.3 19.3 | -0.97 - 1.8 | 9.1/28.0  | 43174 |
| 2000 YL <sub>8</sub>   | 2008 10 07.2 | 00 52.43 -02 24.7 18.8 | -0.87 - 4.4 | 3.3/04.7 | 43116 | 2004 VQ <sub>78</sub>  | 2008 10 07.3 | 00 52.99 +16 35.4 19.6 | -0.85 - 7.4 | 3.7/11.2  | 11074 |
| 1998 MU <sub>14</sub>  | 2008 10 07.2 | 00 52.44 +00 18.5 20.2 | -0.86 - 4.5 | 1.7/05.6 | 97336 | 2006 BZ <sub>182</sub> | 2008 10 07.4 | 00 52.94 -01 10.0 19.2 | -0.81 - 5.9 | 2.5/05.2  | 43256 |
| 2007 DG <sub>110</sub> | 2008 10 07.2 | 00 52.45 +08 05.9 20.9 | -1.06 - 5.2 | 0.9/08.0 | 40708 | 2001 TC <sub>136</sub> | 2008 10 07.4 | 00 52.95 +20 19.3 18.3 | -0.96 - 2.3 | 7.5/11.6  | 43131 |
| 2004 RF <sub>318</sub> | 2008 10 07.2 | 00 52.45 +19 22.8 18.4 | -0.96 - 3.5 | 5.8/11.6 | 43212 | 2002 GS <sub>92</sub>  | 2008 10 07.4 | 00 52.96 +11 59.3 19.3 | -0.99 - 3.5 | 2.2/09.2  | 02095 |
| 1993 RM <sub>16</sub>  | 2008 10 07.2 | 00 52.45 +02 37.0 18.8 | -0.72 - 6.8 | 1.2/06.2 | 43091 | 2002 RC <sub>151</sub> | 2008 10 07.4 | 00 52.96 +18 28.6 20.1 | -0.77 - 4.7 | 3.9/11.7  | 97617 |
| 2007 JZ <sub>40</sub>  | 2008 10 07.2 | 00 52.45 -01 43.1 21.2 | -0.86 - 5.7 | 2.3/04.9 | 26291 | 2004 TK <sub>44</sub>  | 2008 10 07.4 | 00 52.97 +13 55.5 19.7 | -0.81 - 9.9 | 2.8/10.4  | 21342 |
| 2004 TX <sub>358</sub> | 2008 10 07.2 | 00 52.46 +09 00.0 20.4 | -0.90 - 5.3 | 1.1/08.3 | 43220 | 2003 FV <sub>43</sub>  | 2008 10 07.4 | 00 52.97 +09 25.1 18.3 | -1.03 - 2.0 | 1.7/08.4  | 43169 |
| 2006 BE <sub>269</sub> | 2008 10 07.2 | 00 52.46 -05 05.7 19.8 | -0.96 - 2.5 | 3.7/04.2 | 02283 | 2006 HF <sub>98</sub>  | 2008 10 07.4 | 00 53.00 -01 48.5 21.4 | -0.78 - 2.5 | 2.0/05.1  | 01713 |
| 2002 CC <sub>157</sub> | 2008 10 07.2 | 00 52.46 +08 13.3 20.1 | -0.90 - 5.3 | 1.0/08.1 | 43147 | 2002 CR <sub>232</sub> | 2008 10 07.4 | 00 53.08 +16 47.5 19.4 | -0.99 - 2.8 | 4.0/10.7  | 02079 |
| 2002 FC <sub>32</sub>  | 2008 10 07.2 | 00 52.47 -02 29.7 20.2 | -0.52 - 2.2 | 1.5/04.6 | 85476 | 2006 EV <sub>14</sub>  | 2008 10 07.4 | 00 53.08 +06 21.0 20.2 | -0.85 - 4.1 | 0.2/07.6  | 43264 |
| 1995 VC <sub>18</sub>  | 2008 10 07.2 | 00 52.48 +10 08.0 20.0 | -0.82 - 6.2 | 1.5/08.8 | 43092 | 2006 KZ <sub>104</sub> | 2008 10 07.4 | 00 53.09 +01 15.9 20.7 | -0.66 - 7.2 | 1.1/05.9  | 01839 |
| 2007 RC <sub>286</sub> | 2008 10 07.2 | 00 52.51 +22 36.3 19.3 | -0.48 - 4.9 | 2.9/13.7 | 33164 | 2004 YK <sub>3</sub>   | 2008 10 07.4 | 00 53.13 -05 03.2 20.2 | -0.80 - 8.0 | 4.5/03.6  | 73717 |
| 2002 NW <sub>35</sub>  | 2008 10 07.2 | 00 52.51 +24 55.0 19.4 | -0.81 - 5.0 | 5.8/14.1 | 72672 | 2003 BA <sub>78</sub>  | 2008 10 07.4 | 00 53.13 +10 26.3 19.0 | -1.09 - 3.6 | 2.0/08.8  | 94911 |
| 2001 VF <sub>128</sub> | 2008 10 07.2 | 00 52.51 -06 10.8 20.8 | -0.90 - 6.9 | 4.3/03.4 | 20752 | 2006 AY <sub>27</sub>  | 2008 10 07.4 | 00 53.16 +02 07.2 20.2 | -0.83 - 6.1 | 1.1/06.3  | 43251 |
| 2006 JV <sub>9</sub>   | 2008 10 07.2 | 00 52.53 +05 56.4 22.1 | -0.72 - 4.3 | 0.1/07.4 | 01739 | 2006 BT <sub>198</sub> | 2008 10 07.4 | 00 53.17 +12 51.0 21.0 | -0.85 - 3.7 | 2.0/09.7  | 22809 |
| 2005 YB <sub>66</sub>  | 2008 10 07.2 | 00 52.54 +02 55.6 20.4 | -1.00 - 4.8 | 1.1/06.5 | 43247 | 2004 XK <sub>84</sub>  | 2008 10 07.4 | 00 53.18 +14 35.7 19.8 | -0.79 - 6.2 | 2.7/10.5  | 22783 |
| 2003 FW <sub>130</sub> | 2008 10 07.2 | 00 52.55 +07 42.8 20.3 | -0.98 - 4.4 | 0.8/08.0 | 08703 | 2002 CT <sub>163</sub> | 2008 10 07.4 | 00 53.22 +17 55.1 19.5 | -0.96 - 3.1 | 3.6/11.2  | 97569 |
| 2003 CA <sub>3</sub>   | 2008 10 07.2 | 00 52.56 +02 24.0 19.6 | -1.06 - 3.5 | 1.2/06.4 | 43168 | 2003 FB <sub>65</sub>  | 2008 10 07.4 | 00 53.22 -01 23.4 19.9 | -0.96 - 4.5 | 2.5/05.3  | 94954 |
| 2001 JA <sub>5</sub>   | 2008 10 07.2 | 00 52.57 -23 36.7 19.2 | -0.84 - 0.7 | 9.7/28.1 | 43120 | 2005 MP <sub>32</sub>  | 2008 10 07.4 | 00 53.22 +40 47.8 19.3 | -1.56 + 0.3 | 16.0/18.4 | 16292 |
| 2001 BL <sub>22</sub>  | 2008 10 07.2 | 00 52.58 +25 26.8 18.8 | -0.96 - 4.2 | 6.7/13.6 | 43118 | 2006 AE <sub>66</sub>  | 2008 10 07.4 | 00 53.24 +02 47.2 20.1 | -0.84 - 7.1 | 1.0/06.5  | 43251 |
| 2001 SK <sub>11</sub>  | 2008 10 07.2 | 00 52.60 +19 29.3 19.1 | -1.04 - 0.1 | 7.1/10.9 | 43126 | 2003 WN <sub>17</sub>  | 2008 10 07.4 | 00 53.24 +22 08.5 19.0 | -0.87 - 2.6 | 5.2/12.6  | 21806 |
| 2003 FX <sub>21</sub>  | 2008 10 07.2 | 00 52.60 +05 15.2 21.2 | -0.90 - 6.8 | 0.1/07.2 | 35847 | 2001 XH <sub>91</sub>  | 2008 10 07.4 | 00 53.26 +03 23.1 19.6 | -0.98 - 5.0 | 0.9/06.8  | 43139 |
| 2001 XJ <sub>162</sub> | 2008 10 07.2 | 00 52.62 +06 54.5 20.0 | -0.93 - 6.7 | 0.5/07.7 | 43140 | 2001 XY <sub>94</sub>  | 2008 10 07.4 | 00 53.31 -02 36.8 18.7 | -0.99 - 3.2 | 3.7/05.1  | 43139 |
| 2001 XF <sub>150</sub> | 2008 10 07.2 | 00 52.63 +01 11.6 19.4 | -0.94 - 5.1 | 1.9/05.9 | 43140 | 2000 ET <sub>27</sub>  | 2008 10 07.4 | 00 53.32 -05 45.4 19.5 | -0.81 - 2.4 | 3.3/04.0  | 01996 |
| 2002 CM <sub>109</sub> | 2008 10 07.3 | 00 52.59 -00 39.5 20.7 | -0.81 - 6.0 | 1.9/05.3 | 43147 | 2004 RY <sub>244</sub> | 2008 10 07.4 | 00 53.32 +00 49.2 20.8 | -0.88 - 6.5 | 1.8/05.9  | 21341 |
| 2007 GR <sub>62</sub>  | 2008 10 07.3 | 00 52.60 -02 41.7 20.3 | -0.91 - 6.5 | 2.9/04.7 | 20620 | 2000 EX <sub>70</sub>  | 2008 10 07.4 | 00 53.35 +04 08.6 19.7 | -0.80 - 2.7 | 0.4/07.0  | 43104 |
| 2005 EU <sub>84</sub>  | 2008 10 07.3 | 00 52.61 -08 38.6 21.6 | -0.71 - 5.8 | 3.7/02.3 | 89632 | 2001 VF <sub>86</sub>  | 2008 10 07.5 | 00 53.29 +13 51.6 19.9 | -0.96 - 5.8 | 2.9/10.1  | 02050 |
| 1999 VT <sub>201</sub> | 2008 10 07.3 | 00 52.62 +02 32.6 19.0 | -0.98 - 2.2 | 1.2/06.4 | 43101 | 2002 JZ <sub>115</sub> | 2008 10 07.5 | 00 53.31 -10 05.0 20.7 | -0.47 - 5.4 | 2.9/01.6  | 21780 |
| 2001 QW <sub>172</sub> | 2008 10 07.3 | 00 52.62 +12 21.5 19.1 | -0.87 - 8.4 | 3.0/09.6 | 17928 | 2001 TT <sub>161</sub> | 2008 10 07.5 | 00 53.31 +09 42.2 19.4 | -0.94 - 8.3 | 1.5/08.8  | 19549 |
| 2004 VM <sub>77</sub>  | 2008 10 07.3 | 00 52.62 +01 43.5 20.2 | -0.82 - 6.9 | 1.4/06.0 | 43223 | 2006 BD <sub>255</sub> | 2008 10 07.5 | 00 53.31 +10 34.8 19.8 | -0.94 - 4.8 | 2.0/09.0  | 43257 |
| 2002 PY <sub>110</sub> | 2008 10 07.3 | 00 52.64 -14 01.8 18.7 | -0.71 - 4.8 | 7.3/30.3 | 43158 | 2002 PV <sub>178</sub> | 2008 10 07.5 | 00 53.33 +21 27.2 20.7 | -0.78 - 5.0 | 4.1/12.9  | 13913 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2007 HS <sub>65</sub>  | 2008 10 07.5 | 00 53.34 +02 36.6 20.8 | -0.82 - 8.9 | 1.0/06.4 | 43282 |
| 2005 CB <sub>57</sub>  | 2008 10 07.5 | 00 53.37 +16 09.8 20.0 | -0.77 - 4.6 | 3.1/11.0 | 21349 |
| 2002 PA <sub>64</sub>  | 2008 10 07.5 | 00 53.38 +19 22.7 20.0 | -0.82 - 4.2 | 4.2/12.0 | 89304 |
| 2002 QP <sub>102</sub> | 2008 10 07.5 | 00 53.39 -10 03.7 19.4 | -0.71 - 5.5 | 5.0/02.1 | 43160 |
| 2004 PA <sub>51</sub>  | 2008 10 07.5 | 00 53.40 +02 31.1 18.8 | -0.95 - 4.0 | 1.4/06.6 | 00734 |
| 2000 YZ <sub>7</sub>   | 2008 10 07.5 | 00 53.41 +04 09.1 19.6 | -0.84 - 7.5 | 0.6/07.0 | 43116 |
| 2004 RR <sub>97</sub>  | 2008 10 07.5 | 00 53.48 +05 09.7 18.6 | -0.80 - 9.3 | 0.2/07.3 | 43208 |
| 2003 VS <sub>11</sub>  | 2008 10 07.5 | 00 53.52 -03 52.4 19.4 | -0.84 - 2.1 | 3.0/04.7 | 43192 |
| 2002 OK <sub>24</sub>  | 2008 10 07.5 | 00 53.52 +32 12.6 19.5 | -0.97 - 2.2 | 8.5/16.7 | 48243 |
| 2002 RH <sub>1</sub>   | 2008 10 07.5 | 00 53.55 +17 14.4 19.5 | -0.71 - 7.7 | 3.8/11.8 | 74209 |
| 2004 OL <sub>5</sub>   | 2008 10 07.5 | 00 53.55 +08 02.6 19.2 | -0.98 - 4.3 | 1.0/08.2 | 19615 |
| 2001 YA <sub>104</sub> | 2008 10 07.5 | 00 53.57 +04 47.2 19.1 | -0.89 - 6.5 | 0.4/07.3 | 43142 |
| 2001 TZ <sub>180</sub> | 2008 10 07.5 | 00 53.57 +12 17.4 19.2 | -0.80 -10.8 | 3.0/10.0 | 43132 |
| 2004 RC <sub>150</sub> | 2008 10 07.5 | 00 53.60 -04 19.1 19.9 | -0.89 - 6.0 | 3.7/04.4 | 19626 |
| 2002 TH <sub>45</sub>  | 2008 10 07.5 | 00 53.64 +10 06.9 19.4 | -0.91 - 0.8 | 1.3/08.8 | 22717 |
| 2002 PQ <sub>166</sub> | 2008 10 07.5 | 00 53.64 -09 51.2 20.1 | -0.74 - 5.0 | 4.7/02.3 | 85571 |
| 2006 BB <sub>47</sub>  | 2008 10 07.5 | 00 53.66 +08 10.9 19.7 | -0.96 - 5.3 | 0.9/08.3 | 02273 |
| 2001 UR <sub>224</sub> | 2008 10 07.5 | 00 53.66 +12 47.1 19.1 | -0.93 - 7.2 | 3.0/09.9 | 08100 |
| 2002 QD <sub>121</sub> | 2008 10 07.5 | 00 53.66 +18 39.0 20.5 | -0.82 - 3.6 | 3.9/11.7 | 25870 |
| 2004 TR <sub>201</sub> | 2008 10 07.5 | 00 53.68 +08 12.0 20.1 | -0.87 - 4.6 | 0.8/08.4 | 43218 |
| 2006 FG <sub>35</sub>  | 2008 10 07.5 | 00 53.68 -01 11.7 20.2 | -0.72 - 4.2 | 1.8/05.3 | 02312 |
| 2005 YT <sub>210</sub> | 2008 10 07.5 | 00 53.72 +10 49.5 20.9 | -0.96 - 4.1 | 1.6/09.1 | 03826 |
| 2003 UD <sub>251</sub> | 2008 10 07.6 | 00 53.65 -05 34.6 19.5 | -0.92 - 0.3 | 3.7/04.5 | 00647 |
| 2001 UT <sub>159</sub> | 2008 10 07.6 | 00 53.66 +07 05.6 19.2 | -0.89 - 7.2 | 0.6/08.0 | 43134 |
| 2001 RP <sub>152</sub> | 2008 10 07.6 | 00 53.66 -06 47.8 19.0 | -0.97 - 5.1 | 5.3/03.8 | 97462 |
| 2005 AK <sub>68</sub>  | 2008 10 07.6 | 00 53.68 -04 37.5 20.1 | -0.77 - 4.3 | 2.9/04.2 | 14732 |
| 2004 RH <sub>51</sub>  | 2008 10 07.6 | 00 53.69 +01 20.6 18.6 | -0.92 - 3.6 | 1.9/06.3 | 43207 |
| 2005 AF <sub>13</sub>  | 2008 10 07.6 | 00 53.72 -10 43.7 20.1 | -0.83 - 4.2 | 5.1/02.3 | 02237 |
| 2000 SP <sub>164</sub> | 2008 10 07.6 | 00 53.75 +00 45.8 18.5 | -0.87 -24.4 | 2.1/05.5 | 43110 |
| 2002 ET <sub>106</sub> | 2008 10 07.6 | 00 53.79 -08 04.6 20.6 | -0.79 - 7.1 | 4.2/02.9 | 22700 |
| 2002 CH <sub>90</sub>  | 2008 10 07.6 | 00 53.83 +22 25.8 19.9 | -1.05 - 1.9 | 5.6/12.5 | 02073 |
| 2005 YT <sub>188</sub> | 2008 10 07.6 | 00 53.87 +18 33.3 19.2 | -0.99 - 3.6 | 5.8/11.5 | 43249 |
| 2004 VK <sub>80</sub>  | 2008 10 07.6 | 00 53.87 +02 21.4 18.7 | -0.74 - 9.7 | 1.4/06.4 | 43223 |
| 2004 SR <sub>40</sub>  | 2008 10 07.6 | 00 53.89 -06 19.6 18.1 | -1.05 + 1.2 | 5.0/04.7 | 43213 |
| 2005 AP <sub>77</sub>  | 2008 10 07.6 | 00 53.91 +12 04.6 20.4 | -0.79 - 3.5 | 1.8/09.6 | 77805 |
| 2004 TS <sub>216</sub> | 2008 10 07.6 | 00 53.93 -08 40.0 19.3 | -0.87 - 7.0 | 5.7/02.7 | 43218 |
| 2000 KU <sub>42</sub>  | 2008 10 07.6 | 00 53.96 -03 03.8 19.3 | -1.03 - 1.4 | 4.0/05.3 | 43106 |
| 2004 TN <sub>357</sub> | 2008 10 07.6 | 00 53.99 -00 14.4 19.7 | -1.01 - 1.2 | 2.1/06.1 | 20368 |
| 2000 VL <sub>60</sub>  | 2008 10 07.6 | 00 54.02 +09 01.2 19.7 | -0.84 - 7.7 | 1.2/08.8 | 43114 |
| 2004 XX <sub>23</sub>  | 2008 10 07.6 | 00 54.05 +30 13.2 19.2 | -0.96 - 3.9 | 9.6/15.6 | 73618 |
| 2000 DN <sub>17</sub>  | 2008 10 07.6 | 00 54.06 +30 58.7 20.9 | -1.37 - 0.7 | 8.8/14.9 | 17397 |
| 2001 WW <sub>46</sub>  | 2008 10 07.6 | 00 54.06 +13 48.1 19.9 | -0.92 - 7.0 | 2.9/10.3 | 21308 |
| 2001 QM <sub>211</sub> | 2008 10 07.6 | 00 54.08 +13 55.9 19.3 | -1.04 - 3.7 | 3.7/10.1 | 43123 |
| 2007 EM <sub>119</sub> | 2008 10 07.7 | 00 54.03 -00 31.0 19.4 | -1.05 - 0.8 | 2.4/06.1 | 43276 |
| 1997 WY <sub>9</sub>   | 2008 10 07.7 | 00 54.06 +00 49.1 19.5 | -0.87 - 5.7 | 2.2/06.1 | 93717 |
| 2005 UB <sub>261</sub> | 2008 10 07.7 | 00 54.06 +08 39.5 19.8 | -0.94 - 8.3 | 1.1/08.7 | 20821 |
| 2000 GH <sub>153</sub> | 2008 10 07.7 | 00 54.07 +11 28.7 20.9 | -1.03 - 4.8 | 2.0/09.4 | 35764 |
| 2005 YF <sub>94</sub>  | 2008 10 07.7 | 00 54.09 +09 24.4 20.0 | -1.00 - 4.3 | 1.3/08.8 | 43248 |
| 2005 WX <sub>7</sub>   | 2008 10 07.7 | 00 54.10 +13 36.2 19.4 | -0.94 - 8.2 | 3.3/10.3 | 20824 |
| 2002 CF <sub>15</sub>  | 2008 10 07.7 | 00 54.13 +07 40.7 19.8 | -0.91 - 4.8 | 0.7/08.3 | 02070 |
| 2006 DF <sub>122</sub> | 2008 10 07.7 | 00 54.15 -01 04.1 19.1 | -0.95 - 1.2 | 2.2/05.9 | 43262 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 DE <sub>207</sub> | 2008 10 07.7 | 00 54.15 +09 47.2 19.5 | -0.90 - 3.2 | 1.4/08.9  | 01454 |
| 2002 GK <sub>20</sub>  | 2008 10 07.7 | 00 54.19 -03 58.6 17.7 | -1.02 + 0.8 | 3.7/05.3  | 43152 |
| 2006 KL <sub>79</sub>  | 2008 10 07.7 | 00 54.21 -03 16.8 20.1 | -0.91 - 2.8 | 2.8/05.1  | 26178 |
| 2003 SU <sub>142</sub> | 2008 10 07.7 | 00 54.22 -10 42.4 18.0 | -0.97 + 0.9 | 6.0/03.4  | 43179 |
| 2003 ET <sub>41</sub>  | 2008 10 07.7 | 00 54.23 -01 37.1 19.5 | -0.88 - 6.7 | 2.6/05.4  | 43169 |
| 1999 XO <sub>225</sub> | 2008 10 07.7 | 00 54.25 +14 07.7 19.9 | -1.04 - 6.1 | 3.4/10.3  | 17906 |
| 2006 DJ <sub>113</sub> | 2008 10 07.7 | 00 54.30 +00 37.4 19.9 | -0.79 - 5.0 | 1.7/06.1  | 43262 |
| 2006 DL <sub>106</sub> | 2008 10 07.7 | 00 54.33 -01 13.1 19.4 | -0.72 - 7.1 | 2.2/05.3  | 43262 |
| 2001 YO <sub>143</sub> | 2008 10 07.7 | 00 54.34 +11 19.9 18.2 | -0.96 - 3.2 | 2.7/09.4  | 19563 |
| 2002 RH <sub>261</sub> | 2008 10 07.7 | 00 54.36 +22 51.6 20.6 | -0.91 - 1.4 | 5.2/12.9  | 08385 |
| 2004 XE <sub>135</sub> | 2008 10 07.7 | 00 54.36 -11 54.9 20.1 | -0.91 - 2.7 | 6.3/02.3  | 89612 |
| 2006 BK <sub>268</sub> | 2008 10 07.7 | 00 54.37 -19 53.5 19.4 | -1.02 - 1.1 | 9.9/30.1  | 01304 |
| 2004 XH <sub>101</sub> | 2008 10 07.7 | 00 54.38 +20 20.6 17.0 | -0.77 - 3.7 | 6.9/12.7  | 43226 |
| 2003 SB <sub>74</sub>  | 2008 10 07.7 | 00 54.40 +06 40.3 18.7 | -0.76 - 6.8 | 0.3/08.1  | 02164 |
| 2002 AG <sub>149</sub> | 2008 10 07.7 | 00 54.40 +05 57.2 19.7 | -0.95 - 4.6 | 9.8/18.0  | 43144 |
| 2005 WU <sub>169</sub> | 2008 10 07.7 | 00 54.41 +11 40.0 19.6 | -0.94 - 7.3 | 2.1/09.7  | 21351 |
| 2003 XM <sub>38</sub>  | 2008 10 07.7 | 00 54.42 +21 44.9 18.5 | -1.00 + 0.5 | 5.9/12.0  | 43196 |
| 2004 LD <sub>13</sub>  | 2008 10 07.7 | 00 54.43 +16 07.3 20.2 | -0.95 - 7.8 | 3.9/11.3  | 97711 |
| 2005 YA <sub>275</sub> | 2008 10 07.7 | 00 54.45 +15 48.0 19.7 | -0.88 - 8.6 | 3.8/11.2  | 98072 |
| 2000 UJ <sub>76</sub>  | 2008 10 07.8 | 00 54.43 -17 18.7 19.0 | -1.04 + 3.7 | 11.6/01.8 | 43113 |
| 2000 DJ <sub>110</sub> | 2008 10 07.8 | 00 54.45 -01 58.3 19.7 | -0.76 - 6.0 | 2.5/05.2  | 43104 |
| 2005 LH <sub>3</sub>   | 2008 10 07.8 | 00 54.45 +09 03.7 18.2 | -0.77 -27.7 | 1.4/09.2  | 43232 |
| 2005 XR <sub>57</sub>  | 2008 10 07.8 | 00 54.45 +00 20.3 19.7 | -0.96 - 6.2 | 2.0/06.1  | 43246 |
| 2005 ER <sub>58</sub>  | 2008 10 07.8 | 00 54.52 +13 09.3 19.6 | -0.85 - 2.4 | 2.2/10.0  | 11082 |
| 2001 BO <sub>18</sub>  | 2008 10 07.8 | 00 54.55 -02 16.3 20.3 | -0.84 - 4.7 | 2.4/05.3  | 02026 |
| 2007 PM <sub>40</sub>  | 2008 10 07.8 | 00 54.55 +26 32.3 19.9 | -0.61 - 1.6 | 4.0/15.0  | 41876 |
| 2006 FL <sub>50</sub>  | 2008 10 07.8 | 00 54.55 -27 39.7 21.4 | -0.83 - 1.4 | 8.1/26.8  | 02314 |
| 2002 LA <sub>58</sub>  | 2008 10 07.8 | 00 54.57 -18 26.4 19.1 | -0.84 - 3.5 | 7.8/29.8  | 43155 |
| 2005 UP <sub>511</sub> | 2008 10 07.8 | 00 54.58 -04 04.7 18.3 | -0.84 - 6.9 | 5.1/04.6  | 18151 |
| 2005 VL <sub>111</sub> | 2008 10 07.8 | 00 54.59 +14 01.2 20.3 | -0.99 - 6.4 | 3.0/10.4  | 20443 |
| 2007 EO <sub>213</sub> | 2008 10 07.8 | 00 54.60 +05 29.9 20.3 | -0.98 - 5.2 | 9.7/28.0  | 43277 |
| 2003 AE <sub>94</sub>  | 2008 10 07.8 | 00 54.60 +07 50.9 20.3 | -1.05 - 3.7 | 0.7/08.4  | 08649 |
| 2000 YF <sub>46</sub>  | 2008 10 07.8 | 00 54.61 +26 01.0 19.5 | -0.90 - 5.0 | 6.4/14.7  | 22681 |
| 2002 NK <sub>3</sub>   | 2008 10 07.8 | 00 54.63 +02 16.9 20.5 | -0.77 - 4.9 | 1.1/06.7  | 43155 |
| 1997 GE <sub>10</sub>  | 2008 10 07.8 | 00 54.65 +03 34.7 21.4 | -0.77 - 6.1 | 0.6/07.1  | 31222 |
| 2005 XP <sub>6</sub>   | 2008 10 07.8 | 00 54.65 -01 42.8 20.8 | -0.97 - 5.0 | 2.7/05.6  | 22804 |
| 2007 MF <sub>7</sub>   | 2008 10 07.8 | 00 54.72 -14 35.8 19.5 | -0.90 - 1.7 | 7.4/01.8  | 43285 |
| 2007 KQ                | 2008 10 07.8 | 00 54.72 -14 57.1 20.1 | -0.98 - 1.2 | 8.2/02.0  | 21241 |
| 2001 TV <sub>171</sub> | 2008 10 07.8 | 00 54.73 +23 10.2 19.4 | -1.08 - 4.2 | 7.2/13.4  | 43440 |
| 2005 YP <sub>131</sub> | 2008 10 07.8 | 00 54.76 +09 18.9 20.9 | -0.97 - 5.6 | 1.3/08.9  | 98055 |
| 2001 TA <sub>199</sub> | 2008 10 07.8 | 00 54.76 -09 37.4 18.2 | -0.94 - 4.6 | 6.7/03.1  | 43132 |
| 2002 PW <sub>117</sub> | 2008 10 07.8 | 00 54.77 +03 14.1 19.1 | -0.68 - 8.1 | 0.9/06.9  | 43158 |
| 2002 CX <sub>207</sub> | 2008 10 07.8 | 00 54.81 +13 33.1 20.6 | -0.95 - 3.3 | 2.4/10.2  | 97571 |
| 2005 YB <sub>180</sub> | 2008 10 07.8 | 00 54.81 +01 50.6 19.2 | -0.89 - 7.9 | 1.6/06.6  | 02266 |
| 2004 KH <sub>11</sub>  | 2008 10 07.8 | 00 54.84 -10 50.5 20.0 | -0.97 - 4.4 | 7.2/02.9  | 95227 |
| 2003 WX <sub>35</sub>  | 2008 10 07.9 | 00 54.76 +01 27.2 19.4 | -0.86 - 1.8 | 1.4/06.6  | 00665 |
| 2002 GN <sub>2</sub>   | 2008 10 07.9 | 00 54.78 -05 46.5 19.3 | -1.76 + 7.2 | 5.9/06.2  | 18005 |
| 2001 VV <sub>23</sub>  | 2008 10 07.9 | 00 54.79 +01 01.9 19.9 | -0.99 - 4.0 | 1.7/06.5  | 97502 |
| 2002 PS <sub>102</sub> | 2008 10 07.9 | 00 54.84 +17 03.0 19.6 | -0.74 - 6.8 | 3.7/11.9  | 43158 |
| 2004 RZ <sub>29</sub>  | 2008 10 07.9 | 00 54.84 -00 00.8 18.4 | -0.80 - 6.4 | 2.7/06.0  | 43207 |
| 2003 AV <sub>7</sub>   | 2008 10 07.9 | 00 54.84 +12 06.4 20.4 | -0.99 - 7.1 | 2.4/09.9  | 00408 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 UN <sub>163</sub> | 2008 10 07.9 | 00 54.86 -04 45.7 18.7 | -0.86 - 1.6 | 3.8/04.9  | 02185 |
| 2003 QR <sub>3</sub>   | 2008 10 07.9 | 00 54.86 -10 43.6 19.6 | -0.80 - 5.6 | 5.7/02.4  | 43174 |
| 2002 AQ <sub>158</sub> | 2008 10 07.9 | 00 54.87 +00 34.6 21.3 | -0.83 - 6.4 | 1.6/06.2  | 02066 |
| 2002 QG <sub>106</sub> | 2008 10 07.9 | 00 54.95 +11 05.1 19.4 | -0.90 - 1.2 | 1.6/09.4  | 13924 |
| 2006 DR <sub>91</sub>  | 2008 10 07.9 | 00 54.97 +03 20.6 20.4 | -0.82 - 4.3 | 0.8/07.2  | 43261 |
| 2006 FN <sub>34</sub>  | 2008 10 07.9 | 00 55.00 +14 50.0 20.6 | -0.69 - 7.3 | 2.0/11.2  | 14777 |
| 2002 OW <sub>26</sub>  | 2008 10 07.9 | 00 55.01 -16 16.6 20.3 | -0.71 - 7.0 | 7.0/30.0  | 97607 |
| 2001 FM <sub>184</sub> | 2008 10 07.9 | 00 55.02 +13 41.5 19.3 | -0.89 - 2.5 | 2.4/10.3  | 97437 |
| 2001 UJ <sub>213</sub> | 2008 10 07.9 | 00 55.07 +00 39.7 20.0 | -0.99 - 5.5 | 2.1/06.4  | 43135 |
| 2001 TU <sub>135</sub> | 2008 10 07.9 | 00 55.13 +17 14.3 19.4 | -0.95 - 7.7 | 4.7/11.8  | 94163 |
| 2006 AW <sub>21</sub>  | 2008 10 07.9 | 00 55.13 +05 30.6 19.6 | -1.03 - 2.6 | 10.1/18.0 | 43251 |
| 2004 RB <sub>226</sub> | 2008 10 07.9 | 00 55.13 +05 48.4 19.7 | -0.99 - 3.9 | 9.6/28.0  | 22777 |
| 2001 UE <sub>38</sub>  | 2008 10 07.9 | 00 55.14 +10 06.2 18.5 | -0.81 - 9.3 | 1.9/09.5  | 43133 |
| 2004 PT <sub>101</sub> | 2008 10 07.9 | 00 55.16 +14 08.9 17.5 | -1.15 + 3.5 | 4.0/09.8  | 43205 |
| 2007 EO <sub>71</sub>  | 2008 10 07.9 | 00 55.24 +17 30.7 19.2 | -1.89 +11.1 | 6.5/09.2  | 42875 |
| 2002 CY <sub>80</sub>  | 2008 10 08.0 | 00 55.15 +06 37.7 20.1 | -0.92 - 4.6 | 0.2/08.2  | 43146 |
| 2003 UB <sub>99</sub>  | 2008 10 08.0 | 00 55.18 -15 39.7 19.0 | -0.96 + 1.0 | 7.0/02.4  | 43187 |
| 2006 FE <sub>16</sub>  | 2008 10 08.0 | 00 55.24 +07 21.0 20.8 | -0.77 - 3.6 | 0.4/08.5  | 02310 |
| 2003 UE <sub>271</sub> | 2008 10 08.0 | 00 55.25 -16 39.0 19.1 | -0.80 - 3.8 | 7.4/30.4  | 43191 |
| 2006 DS <sub>23</sub>  | 2008 10 08.0 | 00 55.28 +02 18.2 20.8 | -0.86 - 5.5 | 1.2/06.9  | 04370 |
| 2004 XC <sub>27</sub>  | 2008 10 08.0 | 00 55.29 -00 39.0 19.9 | -0.82 - 4.8 | 2.2/06.0  | 00869 |
| 2004 VN <sub>2</sub>   | 2008 10 08.0 | 00 55.30 +07 31.8 20.0 | -0.85 - 6.2 | 0.6/08.6  | 43221 |
| 2004 XP <sub>128</sub> | 2008 10 08.0 | 00 55.31 +10 32.4 19.9 | -0.82 - 6.3 | 1.6/09.6  | 22783 |
| 2003 SO <sub>149</sub> | 2008 10 08.0 | 00 55.35 +02 28.7 19.2 | -0.77 - 5.5 | 1.2/06.9  | 43179 |
| 2002 JG <sub>60</sub>  | 2008 10 08.0 | 00 55.36 -00 55.7 19.2 | -0.86 - 3.6 | 2.3/06.0  | 97600 |
| 2005 UU <sub>54</sub>  | 2008 10 08.0 | 00 55.37 +13 08.0 18.4 | -1.03 - 4.2 | 3.5/10.2  | 43236 |
| 2002 TL <sub>193</sub> | 2008 10 08.0 | 00 55.38 +11 55.7 19.1 | -0.87 - 1.2 | 1.8/09.8  | 75725 |
| 2006 GV <sub>32</sub>  | 2008 10 08.0 | 00 55.40 +12 15.7 21.1 | -0.94 - 3.0 | 2.0/09.9  | 41847 |
| 2002 QP <sub>65</sub>  | 2008 10 08.0 | 00 55.41 -05 08.1 19.5 | -0.70 - 6.7 | 3.2/04.2  | 77629 |
| 2001 BS <sub>42</sub>  | 2008 10 08.0 | 00 55.43 -06 15.6 18.1 | -0.75 -11.2 | 4.8/03.4  | 43118 |
| 2001 FV <sub>186</sub> | 2008 10 08.0 | 00 55.44 -07 16.1 19.7 | -0.76 - 8.5 | 4.2/03.3  | 13767 |
| 2004 XY <sub>105</sub> | 2008 10 08.0 | 00 55.44 +20 35.0 18.8 | -0.87 - 5.4 | 5.2/13.0  | 43226 |
| 2007 HM <sub>90</sub>  | 2008 10 08.0 | 00 55.44 -16 58.1 19.8 | -0.91 - 2.3 | 8.0/01.2  | 21366 |
| 2005 XO <sub>26</sub>  | 2008 10 08.0 | 00 55.45 +18 33.5 19.6 | -0.93 - 6.9 | 5.3/12.3  | 09468 |
| 2005 CW <sub>58</sub>  | 2008 10 08.0 | 00 55.46 +02 10.8 20.6 | -0.74 - 4.9 | 1.0/06.8  | 11080 |
| 2003 QG <sub>27</sub>  | 2008 10 08.0 | 00 55.47 +19 40.2 20.1 | -0.91 - 5.3 | 4.3/13.0  | 21329 |
| 2003 SF <sub>74</sub>  | 2008 10 08.0 | 00 55.47 +07 28.7 19.0 | -0.70 - 8.9 | 0.6/08.6  | 04260 |
| 2000 HQ <sub>4</sub>   | 2008 10 08.0 | 00 55.52 -00 30.4 21.0 | -1.00 - 5.1 | 2.4/06.2  | 20247 |
| 2003 XM <sub>1</sub>   | 2008 10 08.0 | 00 55.53 -06 17.8 20.8 | -0.89 - 0.7 | 3.8/04.7  | 00685 |
| 2001 TU <sub>104</sub> | 2008 10 08.0 | 00 55.55 +07 01.1 19.1 | -1.06 - 3.7 | 0.5/08.4  | 17958 |
| 2007 EV <sub>174</sub> | 2008 10 08.0 | 00 55.56 +07 11.4 20.9 | -0.92 - 7.8 | 0.4/08.5  | 20571 |
| 2006 DL <sub>95</sub>  | 2008 10 08.1 | 00 55.50 +06 31.4 20.2 | -0.85 - 4.2 | 0.2/08.3  | 42803 |
| 2006 HY <sub>130</sub> | 2008 10 08.1 | 00 55.51 +04 05.0 20.0 | -0.79 - 6.6 | 0.6/07.5  | 43268 |
| 2007 BC <sub>76</sub>  | 2008 10 08.1 | 00 55.52 -03 48.7 19.7 | -0.98 - 7.1 | 4.0/05.0  | 43272 |
| 2004 QT <sub>19</sub>  | 2008 10 08.1 | 00 55.54 +05 07.7 18.8 | -0.84 - 8.8 | 0.3/07.8  | 43206 |
| 2005 AE <sub>62</sub>  | 2008 10 08.1 | 00 55.58 -12 07.8 19.9 | -0.73 - 4.9 | 5.4/01.9  | 02240 |
| 2001 TC <sub>72</sub>  | 2008 10 08.1 | 00 55.58 -07 40.9 18.6 | -0.88 - 0.8 | 7.2/04.2  | 23807 |
| 2001 SB <sub>5</sub>   | 2008 10 08.1 | 00 55.59 +11 35.8 17.9 | -1.14 - 2.4 | 2.6/09.7  | 41768 |
| 2007 LO <sub>7</sub>   | 2008 10 08.1 | 00 55.60 +08 55.4 19.5 | -0.79 - 7.6 | 1.0/09.2  | 43284 |
| 2004 XL <sub>50</sub>  | 2008 10 08.1 | 00 55.61 +11 56.3 19.3 | -0.87 - 5.1 | 2.6/10.0  | 43225 |
| 1995 SK <sub>67</sub>  | 2008 10 08.1 | 00 55.62 +09 24.5 19.9 | -0.89 - 4.1 | 1.4/09.2  | 22356 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 UQ <sub>170</sub> | 2008 10 08.1 | 00 55.66 +06 31.5 20.0 | -0.98 - 5.1 | 0.2/08.3  | 97498 |
| 2002 PM <sub>53</sub>  | 2008 10 08.1 | 00 55.71 +20 11.3 19.2 | -0.91 - 2.0 | 4.4/12.5  | 00304 |
| 2002 OC <sub>29</sub>  | 2008 10 08.1 | 00 55.74 +10 34.2 20.8 | -0.74 - 6.3 | 1.3/09.7  | 40364 |
| 2005 WM <sub>96</sub>  | 2008 10 08.1 | 00 55.75 +02 20.2 20.8 | -0.94 - 5.5 | 1.2/07.0  | 43244 |
| 2005 EK <sub>114</sub> | 2008 10 08.1 | 00 55.75 +03 13.8 19.3 | -0.75 - 5.2 | 0.9/07.3  | 43230 |
| 2004 TV <sub>17</sub>  | 2008 10 08.1 | 00 55.76 -01 17.5 17.7 | -1.12 + 6.4 | 3.8/06.9  | 43214 |
| 2004 PK <sub>35</sub>  | 2008 10 08.1 | 00 55.78 +08 18.5 19.6 | -0.94 - 5.7 | 0.9/08.9  | 43204 |
| 2002 QH <sub>104</sub> | 2008 10 08.1 | 00 55.79 +21 22.4 19.8 | -0.82 - 3.7 | 4.7/13.2  | 22709 |
| 2007 RN <sub>99</sub>  | 2008 10 08.1 | 00 55.80 +01 24.4 20.8 | -0.46 - 3.8 | 0.8/06.6  | 35994 |
| 2002 CB <sub>156</sub> | 2008 10 08.1 | 00 55.82 +10 05.8 19.7 | -0.97 - 3.0 | 1.4/09.4  | 34715 |
| 2004 TZ <sub>282</sub> | 2008 10 08.1 | 00 55.85 +07 22.6 19.0 | -0.67 -14.1 | 0.6/08.7  | 42726 |
| 2002 PD <sub>67</sub>  | 2008 10 08.1 | 00 55.87 +15 22.9 20.1 | -0.80 - 4.5 | 2.8/11.3  | 97608 |
| 1999 RR <sub>15</sub>  | 2008 10 08.1 | 00 55.88 +23 21.5 18.9 | -1.18 + 2.4 | 7.4/12.5  | 43097 |
| 2005 CM <sub>31</sub>  | 2008 10 08.1 | 00 55.88 -01 22.2 19.6 | -0.76 - 5.1 | 2.4/05.8  | 16289 |
| 2001 XD <sub>37</sub>  | 2008 10 08.1 | 00 55.91 +10 33.2 19.5 | -1.05 - 2.3 | 1.9/09.4  | 43138 |
| 2003 WG <sub>66</sub>  | 2008 10 08.1 | 00 55.91 +43 21.9 19.7 | -0.91 - 4.3 | 10.2/22.7 | 58058 |
| 2004 LP <sub>16</sub>  | 2008 10 08.1 | 00 55.92 -33 46.2 20.3 | -1.06 - 2.3 | 12.7/25.1 | 21339 |
| 2003 WL <sub>70</sub>  | 2008 10 08.2 | 00 55.85 -26 24.6 19.6 | -1.06 + 2.9 | 10.1/30.1 | 43193 |
| 2004 VX <sub>10</sub>  | 2008 10 08.2 | 00 55.87 +33 09.9 18.8 | -0.84 - 5.1 | 12.0/18.7 | 73502 |
| 2005 CG <sub>64</sub>  | 2008 10 08.2 | 00 55.89 -07 34.6 20.1 | -0.71 - 5.5 | 3.8/03.6  | 21349 |
| 2003 VK                | 2008 10 08.2 | 00 55.90 -10 26.8 19.8 | -0.81 - 2.8 | 5.3/03.1  | 02190 |
| 2003 WW <sub>139</sub> | 2008 10 08.2 | 00 55.93 -11 08.7 17.8 | -0.85 - 1.5 | 6.7/03.0  | 41803 |
| 2001 VN <sub>22</sub>  | 2008 10 08.2 | 00 55.95 +03 54.3 18.3 | -0.88 - 2.4 | 1.1/07.6  | 20751 |
| 1992 ES <sub>2</sub>   | 2008 10 08.2 | 00 55.95 +09 31.6 20.2 | -1.00 - 4.3 | 1.2/09.3  | 21290 |
| 2007 QR <sub>12</sub>  | 2008 10 08.2 | 00 55.96 +08 47.7 19.8 | -0.51 - 2.4 | 0.5/09.2  | 43286 |
| 2007 DQ <sub>82</sub>  | 2008 10 08.2 | 00 56.00 +19 31.1 19.5 | -1.61 + 3.8 | 6.4/10.8  | 24148 |
| 2006 BB <sub>161</sub> | 2008 10 08.2 | 00 56.01 +20 47.2 20.9 | -0.98 - 4.0 | 5.5/12.8  | 97096 |
| 2001 DG <sub>62</sub>  | 2008 10 08.2 | 00 56.05 -02 24.7 20.6 | -0.76 - 6.4 | 2.4/05.4  | 02029 |
| 2003 UB <sub>77</sub>  | 2008 10 08.2 | 00 56.05 +15 10.0 19.5 | -0.92 - 1.6 | 3.1/10.9  | 87596 |
| 2002 PJ <sub>55</sub>  | 2008 10 08.2 | 00 56.10 +27 49.2 18.4 | -0.97 - 1.4 | 7.2/15.2  | 75434 |
| 2005 QA <sub>34</sub>  | 2008 10 08.2 | 00 56.14 +33 23.4 20.6 | -1.60 + 2.4 | 12.6/15.0 | 22515 |
| 2006 HH <sub>6</sub>   | 2008 10 08.2 | 00 56.16 +02 51.3 19.7 | -0.94 - 1.2 | 0.9/07.4  | 43267 |
| 2006 BA <sub>91</sub>  | 2008 10 08.2 | 00 56.16 +09 51.6 20.4 | -0.88 - 5.4 | 1.4/09.5  | 38085 |
| 2005 CB <sub>59</sub>  | 2008 10 08.2 | 00 56.16 +16 30.0 19.2 | -0.76 - 4.9 | 3.1/11.8  | 21349 |
| 2006 AH <sub>72</sub>  | 2008 10 08.2 | 00 56.16 +08 59.8 22.1 | -0.92 - 5.8 | 1.0/09.2  | 98085 |
| 2005 XD <sub>15</sub>  | 2008 10 08.2 | 00 56.18 +07 01.0 20.0 | -0.89 - 8.0 | 0.4/08.6  | 43245 |
| 2007 GS <sub>44</sub>  | 2008 10 08.2 | 00 56.18 +00 23.4 20.6 | -0.87 - 4.2 | 2.1/06.6  | 43280 |
| 2004 TX <sub>333</sub> | 2008 10 08.2 | 00 56.19 +06 08.9 18.8 | -0.82 - 6.0 | 0.1/08.3  | 43220 |
| 2003 OA <sub>20</sub>  | 2008 10 08.2 | 00 56.26 +20 22.9 19.8 | -0.91 - 3.9 | 5.4/13.0  | 50265 |
| 2005 EA <sub>200</sub> | 2008 10 08.2 | 00 56.27 -04 35.3 19.8 | -0.79 - 4.2 | 3.4/04.9  | 00934 |
| 2007 EK <sub>48</sub>  | 2008 10 08.2 | 00 56.27 +10 05.0 18.1 | -1.90 +11.2 | 2.3/08.7  | 43275 |
| 2005 EC <sub>96</sub>  | 2008 10 08.3 | 00 56.25 +18 21.7 19.5 | -0.79 - 3.9 | 3.6/12.3  | 86650 |
| 2004 PT <sub>31</sub>  | 2008 10 08.3 | 00 56.27 +13 49.0 18.9 | -1.01 - 2.6 | 3.4/10.5  | 43204 |
| 2001 TS <sub>111</sub> | 2008 10 08.3 | 00 56.27 +17 06.4 18.0 | -0.88 - 7.9 | 4.9/12.2  | 30485 |
| 2001 WD <sub>13</sub>  | 2008 10 08.3 | 00 56.27 -03 10.0 19.5 | -0.92 - 6.1 | 4.1/05.3  | 13838 |
| 2003 YF <sub>24</sub>  | 2008 10 08.3 | 00 56.27 +09 32.8 20.0 | -0.79 - 4.4 | 1.2/09.4  | 03583 |
| 2006 HA <sub>23</sub>  | 2008 10 08.3 | 00 56.28 +02 45.8 20.8 | -0.77 - 5.5 | 1.0/07.2  | 01635 |
| 2001 UU <sub>3</sub>   | 2008 10 08.3 | 00 56.32 -04 19.0 19.2 | -0.81 - 6.9 | 4.8/04.8  | 43133 |
| 2006 DX <sub>196</sub> | 2008 10 08.3 | 00 56.35 +26 18.9 19.6 | -0.95 - 4.4 | 6.7/14.9  | 01443 |
| 2001 WQ <sub>60</sub>  | 2008 10 08.3 | 00 56.37 +05 51.5 20.1 | -0.98 - 5.5 | 0.1/08.3  | 43137 |
| 2003 WK <sub>155</sub> | 2008 10 08.3 | 00 56.37 -05 47.4 19.8 | -0.70 - 5.2 | 3.2/04.3  | 24429 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 HA <sub>43</sub>  | 2008 10 08.3 | 00 56.39 -02 51.1 21.4 | -0.80 - 2.3 | 2.3/05.7  | 01662 |
| 2002 NF <sub>59</sub>  | 2008 10 08.3 | 00 56.41 -19 22.0 19.9 | -0.74 - 5.0 | 7.7/29.6  | 21318 |
| 2006 DS <sub>173</sub> | 2008 10 08.3 | 00 56.41 -02 48.3 21.1 | -0.75 - 6.8 | 2.6/05.3  | 19288 |
| 2006 AJ <sub>74</sub>  | 2008 10 08.3 | 00 56.45 +10 25.9 19.8 | -1.00 - 4.4 | 1.6/09.6  | 20835 |
| 2001 SN <sub>35</sub>  | 2008 10 08.3 | 00 56.45 +01 47.8 19.0 | -1.00 - 3.4 | 1.9/07.2  | 43126 |
| 2005 WL <sub>89</sub>  | 2008 10 08.3 | 00 56.53 -07 43.4 19.6 | -1.08 - 3.7 | 5.7/04.3  | 97996 |
| 2001 TQ <sub>103</sub> | 2008 10 08.3 | 00 56.53 -12 23.7 18.4 | -0.65 + 1.3 | 10.8/02.9 | 08042 |
| 2001 FT <sub>113</sub> | 2008 10 08.3 | 00 56.54 +01 16.8 20.0 | -0.70 -10.0 | 1.4/06.6  | 43120 |
| 2000 GS <sub>52</sub>  | 2008 10 08.3 | 00 56.61 +06 24.1 21.2 | -0.96 - 7.3 | 0.1/08.5  | 19522 |
| 2007 DN <sub>112</sub> | 2008 10 08.3 | 00 56.61 -26 16.0 20.3 | -1.00 + 2.1 | 10.3/30.0 | 40459 |
| 2001 XE <sub>117</sub> | 2008 10 08.3 | 00 56.62 -02 02.2 19.6 | -0.97 - 4.3 | 3.3/06.0  | 22691 |
| 2001 XT <sub>91</sub>  | 2008 10 08.3 | 00 56.63 +14 48.7 17.9 | -0.76 - 6.9 | 4.5/11.5  | 43139 |
| 2006 DR <sub>195</sub> | 2008 10 08.3 | 00 56.64 +12 06.7 20.0 | -0.92 - 2.8 | 2.0/10.2  | 01442 |
| 2006 BN <sub>255</sub> | 2008 10 08.3 | 00 56.65 +02 50.7 19.2 | -0.82 - 6.3 | 1.1/07.3  | 43257 |
| 2004 XB <sub>85</sub>  | 2008 10 08.3 | 00 56.66 +08 15.6 18.6 | -0.86 - 4.2 | 0.9/09.1  | 43225 |
| 2007 HO <sub>90</sub>  | 2008 10 08.4 | 00 56.59 -06 42.3 19.0 | -0.76 -10.8 | 4.7/03.7  | 43283 |
| 2002 RM <sub>243</sub> | 2008 10 08.4 | 00 56.64 +23 48.6 20.5 | -0.80 - 4.3 | 4.8/14.4  | 21321 |
| 2002 PX <sub>161</sub> | 2008 10 08.4 | 00 56.65 +26 29.7 20.3 | -0.93 - 2.3 | 5.9/15.0  | 00316 |
| 2003 TU <sub>21</sub>  | 2008 10 08.4 | 00 56.68 +02 55.9 19.7 | -0.78 - 5.3 | 1.0/07.4  | 43184 |
| 2006 EG <sub>10</sub>  | 2008 10 08.4 | 00 56.68 -00 00.4 20.2 | -0.80 - 6.3 | 2.0/06.4  | 01465 |
| 2007 HS <sub>84</sub>  | 2008 10 08.4 | 00 56.72 +00 20.1 21.3 | -0.93 - 6.2 | 2.1/06.6  | 21365 |
| 2004 TJ <sub>55</sub>  | 2008 10 08.4 | 00 56.74 +02 55.6 18.7 | -0.87 - 4.8 | 1.3/07.5  | 43215 |
| 2002 DT <sub>19</sub>  | 2008 10 08.4 | 00 56.75 +01 24.4 20.5 | -0.79 - 8.1 | 1.4/06.8  | 43149 |
| 2003 GE <sub>56</sub>  | 2008 10 08.4 | 00 56.76 +06 08.9 21.2 | -0.86 - 8.2 | 0.0/08.5  | 31260 |
| 2004 TW <sub>307</sub> | 2008 10 08.4 | 00 56.76 +15 46.6 18.9 | -0.95 - 3.9 | 3.8/11.4  | 43220 |
| 2003 SE <sub>250</sub> | 2008 10 08.4 | 00 56.77 +02 00.3 18.6 | -0.89 - 1.3 | 1.3/07.3  | 43181 |
| 2007 EB <sub>76</sub>  | 2008 10 08.4 | 00 56.78 +06 13.8 20.2 | -0.97 - 5.5 | 0.1/08.5  | 20854 |
| 2002 RR <sub>204</sub> | 2008 10 08.4 | 00 56.79 +10 29.3 19.7 | -0.80 - 3.4 | 1.3/09.8  | 10907 |
| 2000 GF <sub>159</sub> | 2008 10 08.4 | 00 56.82 +14 17.1 19.4 | -0.69 - 9.8 | 2.1/11.5  | 01998 |
| 2006 BN <sub>192</sub> | 2008 10 08.4 | 00 56.82 +10 12.0 20.8 | -0.89 - 5.3 | 1.4/09.8  | 01281 |
| 2006 DV <sub>47</sub>  | 2008 10 08.4 | 00 56.93 +04 05.0 20.8 | -0.90 - 6.7 | 0.8/07.8  | 02291 |
| 2005 UK <sub>112</sub> | 2008 10 08.4 | 00 56.93 +07 30.7 18.8 | -1.02 - 4.7 | 0.7/08.9  | 43237 |
| 2004 PJ <sub>19</sub>  | 2008 10 08.4 | 00 56.94 +01 34.5 19.4 | -0.94 - 5.8 | 1.7/07.1  | 43203 |
| 2002 QX <sub>122</sub> | 2008 10 08.4 | 00 56.95 +25 41.8 18.6 | -0.89 - 0.4 | 7.8/14.3  | 43160 |
| 2002 CC <sub>104</sub> | 2008 10 08.4 | 00 56.96 +16 28.7 20.1 | -0.98 - 2.7 | 3.3/11.5  | 02074 |
| 2006 HS <sub>9</sub>   | 2008 10 08.4 | 00 56.96 +00 01.3 19.8 | -0.69 - 7.1 | 1.7/06.4  | 21359 |
| 2007 GD <sub>75</sub>  | 2008 10 08.4 | 00 56.99 -02 46.2 20.0 | -0.91 - 4.1 | 3.3/05.8  | 24152 |
| 2004 RN <sub>156</sub> | 2008 10 08.4 | 00 57.01 +32 25.9 19.3 | -1.38 + 1.7 | 9.3/14.8  | 43209 |
| 2000 WS <sub>150</sub> | 2008 10 08.4 | 00 57.02 -45 30.0 19.2 | -1.59 + 9.6 | 20.4/24.6 | 20739 |
| 2004 VZ <sub>9</sub>   | 2008 10 08.4 | 00 57.02 +05 14.9 18.8 | -0.79 - 9.7 | 0.3/08.2  | 43221 |
| 2001 YA <sub>117</sub> | 2008 10 08.4 | 00 57.04 +03 33.2 18.8 | -0.95 - 4.8 | 1.0/07.7  | 43142 |
| 2002 EF <sub>113</sub> | 2008 10 08.5 | 00 56.98 +00 16.3 20.7 | -0.48 - 3.2 | 1.0/06.5  | 43151 |
| 2005 XK <sub>115</sub> | 2008 10 08.5 | 00 57.03 +11 58.7 20.2 | -0.89 - 5.0 | 2.1/10.4  | 11152 |
| 2006 DM <sub>178</sub> | 2008 10 08.5 | 00 57.05 -06 46.4 19.9 | -0.72 - 8.3 | 4.5/03.9  | 21178 |
| 2003 UO <sub>160</sub> | 2008 10 08.5 | 00 57.09 +06 18.6 19.9 | -0.78 - 4.6 | 0.1/08.6  | 43189 |
| 1995 BN <sub>15</sub>  | 2008 10 08.5 | 00 57.10 +07 36.9 19.9 | -0.97 - 4.8 | 0.5/09.0  | 01963 |
| 2004 VZ <sub>56</sub>  | 2008 10 08.5 | 00 57.12 -02 58.8 19.8 | -1.06 - 0.9 | 3.5/06.1  | 02226 |
| 2002 CD <sub>53</sub>  | 2008 10 08.5 | 00 57.14 -00 23.0 20.2 | -0.88 - 8.4 | 2.4/06.3  | 10856 |
| 2002 CV <sub>130</sub> | 2008 10 08.5 | 00 57.16 +13 21.4 20.0 | -0.88 - 5.7 | 2.4/10.9  | 94611 |
| 2006 BW <sub>157</sub> | 2008 10 08.5 | 00 57.18 +03 37.6 20.4 | -0.86 - 5.2 | 0.9/07.8  | 43255 |
| 2005 WK <sub>52</sub>  | 2008 10 08.5 | 00 57.21 +10 38.4 19.6 | -0.95 - 7.1 | 2.0/10.0  | 20448 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 YJ <sub>30</sub>  | 2008 10 08.5 | 00 57.22 +03 20.0 19.0 | -0.80 - 3.7 | 1.0/07.7  | 43196 |
| 2002 PR <sub>19</sub>  | 2008 10 08.5 | 00 57.23 +21 01.5 19.9 | -0.82 - 4.3 | 4.7/13.5  | 72679 |
| 2004 RB <sub>341</sub> | 2008 10 08.5 | 00 57.25 -30 30.4 19.0 | -0.95 - 0.5 | 15.4/24.9 | 74360 |
| 1995 FN <sub>5</sub>   | 2008 10 08.5 | 00 57.28 +01 19.7 20.8 | -0.90 - 5.8 | 1.6/07.1  | 43091 |
| 2001 SW <sub>146</sub> | 2008 10 08.5 | 00 57.29 +10 23.1 19.4 | -1.04 - 2.5 | 2.0/09.7  | 43127 |
| 2002 AT <sub>173</sub> | 2008 10 08.5 | 00 57.33 +44 09.1 21.8 | -1.14 - 2.4 | 9.7/22.2  | 00139 |
| 2005 YH <sub>13</sub>  | 2008 10 08.5 | 00 57.33 +07 00.0 20.3 | -0.92 - 5.7 | 0.3/08.9  | 02263 |
| 2003 SR <sub>135</sub> | 2008 10 08.5 | 00 57.36 +00 49.2 19.5 | -0.75 - 6.6 | 1.9/06.8  | 10984 |
| 2006 GL <sub>39</sub>  | 2008 10 08.5 | 00 57.37 -13 53.6 21.2 | -0.74 - 2.8 | 4.7/02.2  | 11167 |
| 2005 WN <sub>149</sub> | 2008 10 08.6 | 00 57.32 +00 53.9 19.2 | -1.05 - 3.2 | 2.4/07.1  | 98009 |
| 2002 EC <sub>154</sub> | 2008 10 08.6 | 00 57.32 +15 54.4 18.5 | -1.15 + 1.1 | 4.0/10.9  | 43151 |
| 2001 TS <sub>60</sub>  | 2008 10 08.6 | 00 57.33 +07 33.4 19.4 | -1.04 - 3.7 | 0.6/09.0  | 17421 |
| 2006 DE <sub>90</sub>  | 2008 10 08.6 | 00 57.34 +04 01.8 19.9 | -0.82 - 6.0 | 0.8/07.9  | 03870 |
| 2004 XX <sub>151</sub> | 2008 10 08.6 | 00 57.42 +09 28.3 19.7 | -0.86 - 4.2 | 1.1/09.7  | 00891 |
| 2003 WO <sub>59</sub>  | 2008 10 08.6 | 00 57.44 -02 30.2 19.4 | -0.76 - 3.8 | 2.5/05.9  | 21806 |
| 2001 WJ <sub>85</sub>  | 2008 10 08.6 | 00 57.44 +04 33.2 20.3 | -0.64 - 4.3 | 0.4/08.1  | 24339 |
| 2001 RX <sub>72</sub>  | 2008 10 08.6 | 00 57.45 +12 33.4 18.7 | -1.08 - 1.1 | 3.0/10.3  | 97458 |
| 2000 RB <sub>91</sub>  | 2008 10 08.6 | 00 57.47 +18 07.4 18.4 | -0.77 - 5.9 | 5.7/12.8  | 40089 |
| 2000 WC <sub>129</sub> | 2008 10 08.6 | 00 57.47 +10 58.7 19.6 | -0.90 - 5.8 | 1.7/10.2  | 02019 |
| 2004 SL <sub>24</sub>  | 2008 10 08.6 | 00 57.49 +02 50.0 20.3 | -0.90 - 5.1 | 1.3/07.6  | 43213 |
| 2003 YW <sub>121</sub> | 2008 10 08.6 | 00 57.50 +10 52.9 20.1 | -0.72 - 5.2 | 1.3/10.2  | 76345 |
| 2000 YE <sub>73</sub>  | 2008 10 08.6 | 00 57.50 -04 56.3 19.5 | -0.87 - 4.6 | 3.6/05.2  | 02023 |
| 2007 HE <sub>24</sub>  | 2008 10 08.6 | 00 57.52 +10 20.8 19.7 | -0.88 - 6.1 | 1.3/10.0  | 22889 |
| 2003 UL <sub>225</sub> | 2008 10 08.6 | 00 57.54 +14 57.6 19.7 | -0.74 - 7.1 | 2.8/11.8  | 86146 |
| 2000 WU <sub>6</sub>   | 2008 10 08.6 | 00 57.55 +10 30.3 17.8 | -0.90 + 0.1 | 2.2/09.8  | 43114 |
| 2003 BS <sub>51</sub>  | 2008 10 08.6 | 00 57.55 +06 31.2 21.0 | -0.99 - 5.7 | 0.1/08.8  | 97634 |
| 2004 PU <sub>25</sub>  | 2008 10 08.6 | 00 57.56 +02 16.5 18.2 | -0.82 - 4.3 | 1.9/07.5  | 19616 |
| 2003 WM <sub>20</sub>  | 2008 10 08.6 | 00 57.57 +01 11.2 20.3 | -0.87 - 2.4 | 1.5/07.2  | 76194 |
| 2001 SK <sub>102</sub> | 2008 10 08.6 | 00 57.61 +08 38.8 19.6 | -0.85 - 5.9 | 1.2/09.5  | 03219 |
| 2006 DE <sub>94</sub>  | 2008 10 08.6 | 00 57.62 +04 54.2 21.1 | -0.76 - 5.6 | 0.4/08.3  | 01395 |
| 2005 UM <sub>371</sub> | 2008 10 08.6 | 00 57.63 +08 48.1 19.2 | -0.98 - 6.8 | 1.1/09.5  | 20822 |
| 2003 UH <sub>83</sub>  | 2008 10 08.6 | 00 57.63 +20 32.4 18.8 | -0.79 - 5.7 | 4.6/13.6  | 43187 |
| 2005 UP <sub>158</sub> | 2008 10 08.6 | 00 57.73 +06 11.3 18.8 | -0.97 - 5.7 | 0.0/08.7  | 43238 |
| 2004 VR <sub>10</sub>  | 2008 10 08.6 | 00 57.73 +28 28.2 18.7 | -0.91 - 5.8 | 8.1/16.5  | 97767 |
| 2004 RZ <sub>224</sub> | 2008 10 08.6 | 00 57.76 +05 24.7 19.4 | -0.93 - 5.4 | 0.3/08.5  | 43211 |
| 2007 LE <sub>12</sub>  | 2008 10 08.6 | 00 57.76 -35 30.2 20.1 | -1.07 + 4.5 | 14.6/27.5 | 21252 |
| 2002 CG <sub>3</sub>   | 2008 10 08.6 | 00 57.76 -07 37.4 19.9 | -0.87 - 5.3 | 4.2/04.3  | 02069 |
| 2005 AY <sub>37</sub>  | 2008 10 08.7 | 00 57.69 -13 18.9 20.8 | -0.71 - 3.8 | 4.8/02.2  | 73786 |
| 2003 WK <sub>84</sub>  | 2008 10 08.7 | 00 57.77 +10 03.8 19.3 | -0.83 - 2.5 | 1.1/09.9  | 43194 |
| 2003 UB <sub>189</sub> | 2008 10 08.7 | 00 57.77 +16 53.9 19.2 | -0.76 - 6.5 | 3.3/12.5  | 43190 |
| 2002 RH <sub>185</sub> | 2008 10 08.7 | 00 57.80 +10 21.7 18.9 | -0.66 - 9.6 | 1.3/10.3  | 43162 |
| 2007 GY <sub>7</sub>   | 2008 10 08.7 | 00 57.82 +06 00.4 19.5 | -0.95 - 5.0 | 0.1/08.7  | 20595 |
| 2001 HD <sub>47</sub>  | 2008 10 08.7 | 00 57.82 +17 41.5 20.8 | -0.73 - 9.7 | 2.9/13.0  | 10767 |
| 2001 XM <sub>128</sub> | 2008 10 08.7 | 00 57.82 -05 44.7 20.1 | -0.99 - 5.0 | 4.9/05.0  | 97524 |
| 1999 TW <sub>145</sub> | 2008 10 08.7 | 00 57.84 +00 55.1 17.7 | -0.93 - 1.4 | 2.2/07.3  | 01981 |
| 2002 PB <sub>2</sub>   | 2008 10 08.7 | 00 57.85 +33 43.9 20.3 | -0.96 - 2.2 | 8.9/18.4  | 75414 |
| 2003 FE <sub>131</sub> | 2008 10 08.7 | 00 57.86 -00 12.9 19.7 | -1.00 - 3.0 | 2.4/06.9  | 21326 |
| 2007 DH <sub>40</sub>  | 2008 10 08.7 | 00 57.87 -31 43.7 20.4 | -1.03 - 2.9 | 13.1/25.8 | 22877 |
| 2007 DV <sub>38</sub>  | 2008 10 08.7 | 00 57.87 +00 28.1 20.3 | -0.95 - 7.2 | 2.2/06.9  | 17747 |
| 2002 FF <sub>13</sub>  | 2008 10 08.7 | 00 57.87 +01 22.0 19.9 | -0.89 - 3.6 | 1.5/07.3  | 43152 |
| 2003 OT <sub>15</sub>  | 2008 10 08.7 | 00 57.89 +13 54.1 19.3 | -0.74 - 8.7 | 2.9/11.6  | 21328 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2000 FO <sub>14</sub>  | 2008 10 08.7 | 00 57.93 +04 46.3 19.7 | -0.94 - 5.5 | 0.6/08.3  | 19522 |
| 2006 DX <sub>211</sub> | 2008 10 08.7 | 00 57.94 +04 13.1 20.6 | -0.72 - 8.2 | 0.6/08.1  | 01459 |
| 2003 UY <sub>184</sub> | 2008 10 08.7 | 00 57.95 -05 27.1 19.4 | -0.82 - 2.4 | 3.4/05.3  | 14706 |
| 2002 GT <sub>7</sub>   | 2008 10 08.7 | 00 58.08 -05 39.5 20.0 | -0.96 - 2.4 | 3.9/05.4  | 22701 |
| 2002 EH <sub>111</sub> | 2008 10 08.7 | 00 58.09 +00 07.7 19.7 | -0.90 - 3.9 | 2.0/07.0  | 97584 |
| 2003 UV <sub>56</sub>  | 2008 10 08.7 | 00 58.11 +12 42.8 19.5 | -0.73 - 7.5 | 2.0/11.1  | 21335 |
| 2001 XR <sub>91</sub>  | 2008 10 08.7 | 00 58.12 +03 14.1 19.3 | -0.97 - 5.0 | 1.2/07.9  | 43139 |
| 2004 RZ <sub>36</sub>  | 2008 10 08.7 | 00 58.13 +08 12.2 20.3 | -0.96 - 5.5 | 0.7/09.4  | 43207 |
| 2003 FD <sub>7</sub>   | 2008 10 08.7 | 00 58.13 +12 44.0 21.1 | -0.96 - 5.1 | 2.2/10.8  | 28791 |
| 2007 HV <sub>59</sub>  | 2008 10 08.8 | 00 58.05 +02 37.8 20.0 | -0.90 - 4.8 | 1.3/07.7  | 43282 |
| 2006 GX <sub>50</sub>  | 2008 10 08.8 | 00 58.08 -07 58.0 19.8 | -0.73 - 6.3 | 4.1/03.9  | 01607 |
| 2002 RB <sub>59</sub>  | 2008 10 08.8 | 00 58.08 +23 45.4 18.5 | -0.95 - 0.3 | 6.0/13.7  | 43161 |
| 2004 UF <sub>6</sub>   | 2008 10 08.8 | 00 58.10 -00 33.7 19.1 | -0.94 - 2.8 | 3.0/06.8  | 74425 |
| 1998 WC <sub>39</sub>  | 2008 10 08.8 | 00 58.11 +05 12.9 19.6 | -0.77 - 5.4 | 0.3/08.5  | 43096 |
| 2004 WA <sub>6</sub>   | 2008 10 08.8 | 00 58.13 +09 38.4 18.0 | -0.97 - 3.2 | 1.5/09.8  | 43224 |
| 1999 TJ <sub>161</sub> | 2008 10 08.8 | 00 58.14 +10 25.8 18.9 | -0.85 - 5.3 | 1.5/10.2  | 43099 |
| 2006 GP <sub>42</sub>  | 2008 10 08.8 | 00 58.15 -05 49.4 19.4 | -0.70 - 6.7 | 3.6/04.6  | 43267 |
| 2002 NR <sub>59</sub>  | 2008 10 08.8 | 00 58.15 +05 58.4 19.9 | -0.79 - 4.8 | 0.1/08.7  | 43156 |
| 2002 AD <sub>78</sub>  | 2008 10 08.8 | 00 58.17 +01 38.8 20.8 | -0.89 - 4.8 | 1.5/07.4  | 94494 |
| 2007 DS <sub>72</sub>  | 2008 10 08.8 | 00 58.18 +08 07.6 20.8 | -1.02 - 5.0 | 0.7/09.4  | 20850 |
| 2003 EE <sub>26</sub>  | 2008 10 08.8 | 00 58.21 +08 17.7 20.7 | -0.94 - 7.6 | 0.7/09.5  | 50750 |
| 2001 CX <sub>31</sub>  | 2008 10 08.8 | 00 58.23 -08 19.2 17.6 | -1.36 + 2.8 | 5.7/05.7  | 43118 |
| 2002 RK <sub>216</sub> | 2008 10 08.8 | 00 58.23 -01 52.6 19.2 | -0.95 + 0.9 | 2.7/06.8  | 43162 |
| 2006 DB <sub>86</sub>  | 2008 10 08.8 | 00 58.27 +04 50.5 19.8 | -0.83 - 4.3 | 0.5/08.4  | 43261 |
| 1994 XV <sub>2</sub>   | 2008 10 08.8 | 00 58.29 +01 34.8 20.4 | -0.79 - 5.5 | 1.5/07.3  | 43091 |
| 2003 XJ <sub>10</sub>  | 2008 10 08.8 | 00 58.29 +64 19.8 19.3 | -1.35 + 2.2 | 21.4/02.0 | 58081 |
| 2006 DE <sub>48</sub>  | 2008 10 08.8 | 00 58.32 +11 43.9 20.4 | -1.01 - 4.5 | 2.1/10.5  | 01355 |
| 2003 SS <sub>97</sub>  | 2008 10 08.8 | 00 58.33 +04 41.7 20.1 | -0.83 - 4.8 | 0.5/08.4  | 43178 |
| 2002 EP <sub>102</sub> | 2008 10 08.8 | 00 58.35 +23 33.3 19.2 | -0.97 - 3.6 | 6.1/14.4  | 43150 |
| 2003 UJ <sub>273</sub> | 2008 10 08.8 | 00 58.36 -07 14.6 19.4 | -0.78 - 2.9 | 3.9/04.7  | 43191 |
| 2001 SH <sub>176</sub> | 2008 10 08.8 | 00 58.38 +01 17.4 18.9 | -1.16 0.0   | 2.3/07.7  | 43128 |
| 2001 SJ <sub>41</sub>  | 2008 10 08.8 | 00 58.40 +16 04.8 18.8 | -0.95 - 3.2 | 4.9/11.8  | 00051 |
| 2005 EF <sub>9</sub>   | 2008 10 08.8 | 00 58.42 -01 05.9 19.9 | -0.72 - 5.3 | 2.1/06.4  | 02244 |
| 2001 UQ <sub>131</sub> | 2008 10 08.8 | 00 58.42 +06 24.6 19.0 | -0.88 - 8.5 | 0.1/08.9  | 43134 |
| 2001 VV <sub>111</sub> | 2008 10 08.8 | 00 58.43 -00 03.6 18.9 | -0.99 - 4.2 | 2.6/07.0  | 00088 |
| 2003 VV <sub>9</sub>   | 2008 10 08.8 | 00 58.44 +15 32.1 19.1 | -0.84 - 3.3 | 2.8/11.7  | 77740 |
| 2006 DH <sub>52</sub>  | 2008 10 08.8 | 00 58.44 +00 41.5 20.4 | -0.84 - 5.2 | 1.9/07.1  | 11160 |
| 2000 DA <sub>65</sub>  | 2008 10 08.8 | 00 58.46 +14 31.5 19.8 | -0.80 - 3.1 | 2.2/11.5  | 24303 |
| 2003 UF <sub>179</sub> | 2008 10 08.8 | 00 58.46 -05 47.9 19.2 | -0.90 - 0.9 | 3.7/05.6  | 43189 |
| 2007 JL <sub>23</sub>  | 2008 10 08.8 | 00 58.47 -00 16.7 19.8 | -0.84 - 6.6 | 2.0/06.8  | 21880 |
| 2004 NM <sub>13</sub>  | 2008 10 08.8 | 00 58.47 -03 19.6 20.5 | -0.94 - 6.6 | 3.6/05.9  | 19614 |
| 2001 RZ <sub>135</sub> | 2008 10 08.9 | 00 58.46 +02 13.4 19.0 | -1.03 - 2.4 | 1.9/07.8  | 43125 |
| 2003 KB <sub>20</sub>  | 2008 10 08.9 | 00 58.47 -00 42.6 19.5 | -0.84 - 7.0 | 2.4/06.6  | 43172 |
| 2003 XL <sub>35</sub>  | 2008 10 08.9 | 00 58.49 +24 20.9 20.1 | -0.82 - 4.2 | 5.1/14.9  | 77755 |
| 1999 TX <sub>90</sub>  | 2008 10 08.9 | 00 58.49 -03 06.6 18.0 | -0.96 - 0.3 | 3.9/06.5  | 43098 |
| 2004 TE <sub>118</sub> | 2008 10 08.9 | 00 58.50 -03 37.7 19.0 | -1.10 + 1.1 | 4.0/06.6  | 20806 |
| 2003 US <sub>84</sub>  | 2008 10 08.9 | 00 58.52 +06 37.2 19.9 | -0.76 - 6.7 | 0.1/09.0  | 02181 |
| 2004 TK <sub>35</sub>  | 2008 10 08.9 | 00 58.53 +09 05.5 20.3 | -0.84 - 7.3 | 0.9/09.9  | 97751 |
| 2005 YN <sub>67</sub>  | 2008 10 08.9 | 00 58.57 -08 19.2 20.8 | -0.95 - 4.7 | 6.3/04.4  | 98044 |
| 2004 TM <sub>86</sub>  | 2008 10 08.9 | 00 58.59 +06 17.3 19.7 | -0.86 - 6.8 | 0.0/08.9  | 43215 |
| 2003 WM <sub>103</sub> | 2008 10 08.9 | 00 58.62 -23 29.7 20.1 | -0.87 - 0.2 | 8.3/29.7  | 43194 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 GX <sub>34</sub>  | 2008 10 08.9 | 00 58.63 -03 34.7 20.5 | -0.82 - 6.8 | 3.2/05.7  | 94730 |
| 2001 UR <sub>75</sub>  | 2008 10 08.9 | 00 58.63 -05 38.8 19.6 | -1.03 - 2.4 | 5.2/05.6  | 94212 |
| 2004 XD <sub>80</sub>  | 2008 10 08.9 | 00 58.65 +40 45.3 19.9 | -0.89 - 3.1 | 7.9/21.9  | 24449 |
| 2002 CX <sub>203</sub> | 2008 10 08.9 | 00 58.65 +04 15.6 20.4 | -0.95 - 4.8 | 0.8/08.3  | 00177 |
| 2004 VC <sub>10</sub>  | 2008 10 08.9 | 00 58.66 -00 41.9 18.6 | -0.81 - 7.1 | 2.6/06.6  | 43221 |
| 2002 TM <sub>350</sub> | 2008 10 08.9 | 00 58.71 +12 30.6 19.6 | -0.71 - 7.1 | 2.0/11.2  | 20295 |
| 2004 VM <sub>6</sub>   | 2008 10 08.9 | 00 58.72 +02 46.7 19.3 | -0.85 - 5.9 | 1.3/07.8  | 43221 |
| 2006 DM <sub>35</sub>  | 2008 10 08.9 | 00 58.74 +03 22.1 20.0 | -0.79 - 6.0 | 0.9/08.0  | 43260 |
| 2001 XS <sub>89</sub>  | 2008 10 08.9 | 00 58.76 +05 45.5 19.4 | -0.98 - 5.2 | 0.2/08.8  | 02053 |
| 2006 BB <sub>80</sub>  | 2008 10 08.9 | 00 58.77 +08 00.3 19.1 | -0.94 - 2.5 | 0.6/09.5  | 02274 |
| 2002 AE <sub>114</sub> | 2008 10 08.9 | 00 58.78 +15 22.7 19.6 | -0.95 - 4.7 | 3.2/11.8  | 02065 |
| 2001 OL <sub>5</sub>   | 2008 10 08.9 | 00 58.79 +17 06.7 18.8 | -0.98 - 8.9 | 4.4/13.0  | 43120 |
| 2006 DQ <sub>118</sub> | 2008 10 08.9 | 00 58.83 +06 24.6 19.4 | -0.85 - 4.3 | 0.0/09.0  | 43262 |
| 2005 WN <sub>163</sub> | 2008 10 08.9 | 00 58.87 +11 30.0 19.7 | -1.00 - 5.9 | 2.3/10.6  | 98011 |
| 2005 YY <sub>100</sub> | 2008 10 09.0 | 00 58.80 +00 20.2 18.7 | -0.88 - 3.3 | 2.9/07.3  | 19679 |
| 2003 CN <sub>11</sub>  | 2008 10 09.0 | 00 58.83 -00 10.1 20.8 | -0.96 - 5.2 | 2.2/07.1  | 94915 |
| 2007 GS <sub>60</sub>  | 2008 10 09.0 | 00 58.86 +06 17.1 19.8 | -1.04 - 3.1 | 0.0/09.0  | 21214 |
| 2005 AA <sub>33</sub>  | 2008 10 09.0 | 00 58.87 +34 12.5 19.1 | -0.99 - 1.8 | 11.4/18.2 | 86615 |
| 2006 HW <sub>44</sub>  | 2008 10 09.0 | 00 58.89 +04 45.1 21.2 | -0.72 - 5.5 | 0.4/08.5  | 04374 |
| 2005 FP <sub>2</sub>   | 2008 10 09.0 | 00 58.89 +12 29.8 19.1 | -1.01 + 0.8 | 2.3/10.6  | 89649 |
| 2006 CK <sub>50</sub>  | 2008 10 09.0 | 00 58.90 +01 10.4 19.9 | -0.84 - 5.9 | 1.7/07.4  | 43258 |
| 2007 JV <sub>36</sub>  | 2008 10 09.0 | 00 58.94 -00 05.1 19.8 | -0.97 - 4.1 | 2.4/07.2  | 20677 |
| 2004 PZ <sub>68</sub>  | 2008 10 09.0 | 00 58.95 +00 39.0 20.0 | -0.93 - 5.8 | 2.2/07.3  | 43205 |
| 2007 GD <sub>59</sub>  | 2008 10 09.0 | 00 58.97 +11 30.2 18.5 | -0.86 - 7.6 | 2.5/10.8  | 22887 |
| 2006 FQ <sub>3</sub>   | 2008 10 09.0 | 00 58.98 +05 08.0 20.2 | -0.90 - 2.5 | 0.4/08.7  | 02309 |
| 1996 GR <sub>11</sub>  | 2008 10 09.0 | 00 58.98 -03 05.9 19.4 | -0.71 - 7.9 | 2.9/05.7  | 01965 |
| 2007 PM <sub>27</sub>  | 2008 10 09.0 | 00 59.02 +04 52.2 20.0 | -0.47 - 4.2 | 0.3/08.5  | 43285 |
| 2007 EE <sub>181</sub> | 2008 10 09.0 | 00 59.08 +07 10.8 20.7 | -0.96 - 6.5 | 0.3/09.3  | 43277 |
| 2001 OJ                | 2008 10 09.0 | 00 59.09 +16 22.2 18.3 | -1.06 - 2.2 | 5.2/12.0  | 23623 |
| 2003 GX <sub>23</sub>  | 2008 10 09.0 | 00 59.09 +09 59.3 20.8 | -0.92 - 6.9 | 1.2/10.3  | 94971 |
| 2004 VF <sub>13</sub>  | 2008 10 09.0 | 00 59.11 -05 14.2 18.8 | -0.83 - 4.6 | 4.6/05.4  | 43222 |
| 2006 DY <sub>76</sub>  | 2008 10 09.0 | 00 59.12 +03 26.9 18.8 | -0.80 - 4.3 | 0.9/08.2  | 43261 |
| 2001 WQ <sub>24</sub>  | 2008 10 09.0 | 00 59.13 +09 09.0 20.2 | -0.90 - 8.2 | 1.1/10.0  | 66243 |
| 2005 YB <sub>47</sub>  | 2008 10 09.0 | 00 59.15 +08 44.0 20.0 | -0.96 - 5.2 | 0.9/09.8  | 11153 |
| 2004 XD <sub>49</sub>  | 2008 10 09.0 | 00 59.15 +28 35.8 17.9 | -0.92 - 3.4 | 8.8/16.6  | 41822 |
| 2006 BU <sub>32</sub>  | 2008 10 09.0 | 00 59.16 -01 17.2 19.0 | -0.82 - 5.7 | 2.9/06.6  | 20836 |
| 2006 CP <sub>60</sub>  | 2008 10 09.0 | 00 59.19 -08 41.8 21.2 | -0.82 - 4.9 | 4.4/04.2  | 38086 |
| 2004 XH <sub>59</sub>  | 2008 10 09.0 | 00 59.21 -11 01.2 20.3 | -0.81 - 3.1 | 5.0/03.6  | 00876 |
| 2002 AY <sub>81</sub>  | 2008 10 09.0 | 00 59.22 +10 11.8 18.9 | -0.88 - 8.4 | 1.6/10.4  | 10851 |
| 2002 CN <sub>237</sub> | 2008 10 09.1 | 00 59.18 -01 11.7 20.0 | -0.79 - 6.7 | 2.2/06.6  | 43148 |
| 2007 FR <sub>47</sub>  | 2008 10 09.1 | 00 59.21 +09 11.5 20.3 | -0.83 - 7.9 | 0.9/10.1  | 41339 |
| 2004 OQ <sub>9</sub>   | 2008 10 09.1 | 00 59.23 +34 27.0 18.9 | -1.26 - 3.1 | 11.8/19.1 | 43203 |
| 2000 HR <sub>89</sub>  | 2008 10 09.1 | 00 59.26 +10 15.2 18.3 | -0.90 - 8.5 | 1.6/10.5  | 43106 |
| 2005 UU <sub>389</sub> | 2008 10 09.1 | 00 59.27 +06 06.1 20.4 | -0.98 - 8.7 | 0.1/09.1  | 26086 |
| 2002 FB <sub>25</sub>  | 2008 10 09.1 | 00 59.29 -14 16.1 21.2 | -0.91 - 3.3 | 6.5/02.7  | 00222 |
| 2002 MG <sub>5</sub>   | 2008 10 09.1 | 00 59.29 -01 47.6 19.6 | -0.69 - 8.7 | 2.4/06.2  | 43155 |
| 2004 XP <sub>6</sub>   | 2008 10 09.1 | 00 59.31 -03 10.2 18.4 | -0.91 - 1.3 | 4.4/06.4  | 02228 |
| 2006 DN <sub>41</sub>  | 2008 10 09.1 | 00 59.33 +23 47.6 19.5 | -0.85 - 5.5 | 5.1/15.1  | 21357 |
| 2002 VT <sub>17</sub>  | 2008 10 09.1 | 00 59.35 -03 28.4 19.8 | -0.68 - 5.0 | 2.9/05.9  | 43165 |
| 2007 GC <sub>6</sub>   | 2008 10 09.1 | 00 59.38 +04 30.4 21.1 | -0.92 - 6.3 | 0.6/08.6  | 26265 |
| 2005 YB <sub>225</sub> | 2008 10 09.1 | 00 59.46 +00 22.9 20.2 | -0.97 - 5.4 | 2.2/07.4  | 43249 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 WU <sub>154</sub> | 2008 10 09.1 | 00 59.47 +19 25.4 19.4 | -0.71 - 9.4 | 4.0/14.1  | 11006 |
| 2001 WE <sub>87</sub>  | 2008 10 09.1 | 00 59.47 +14 42.1 18.5 | -0.90 - 6.9 | 3.8/12.0  | 43138 |
| 2006 KP <sub>45</sub>  | 2008 10 09.1 | 00 59.47 -05 52.1 20.7 | -0.79 - 2.7 | 3.6/05.4  | 26175 |
| 2001 UJ <sub>92</sub>  | 2008 10 09.1 | 00 59.49 +04 03.3 19.3 | -0.99 - 4.2 | 1.0/08.5  | 17964 |
| 2002 JS <sub>68</sub>  | 2008 10 09.1 | 00 59.49 -10 10.5 19.5 | -0.95 - 1.6 | 5.1/04.5  | 02102 |
| 2001 TR <sub>157</sub> | 2008 10 09.1 | 00 59.51 +03 18.1 18.8 | -0.93 - 7.0 | 1.3/08.2  | 19549 |
| 2003 GL <sub>24</sub>  | 2008 10 09.1 | 00 59.54 -03 28.8 20.4 | -0.53 - 2.0 | 1.8/06.0  | 04255 |
| 2005 YA <sub>238</sub> | 2008 10 09.1 | 00 59.56 -21 04.6 20.7 | -0.82 - 5.3 | 8.7/29.7  | 20476 |
| 2004 SM <sub>48</sub>  | 2008 10 09.1 | 00 59.58 +09 41.7 18.1 | -1.17 + 1.9 | 1.5/09.9  | 43213 |
| 2002 EB <sub>88</sub>  | 2008 10 09.1 | 00 59.58 +02 15.7 20.3 | -0.91 - 4.2 | 1.4/08.0  | 97583 |
| 2002 PS <sub>167</sub> | 2008 10 09.2 | 00 59.52 -07 47.1 19.4 | -0.70 - 6.2 | 4.4/04.3  | 77624 |
| 2004 NL <sub>14</sub>  | 2008 10 09.2 | 00 59.52 +02 47.8 18.7 | -0.79 - 7.7 | 1.7/08.0  | 43202 |
| 2006 ES <sub>9</sub>   | 2008 10 09.2 | 00 59.55 +04 53.6 20.4 | -0.83 - 4.2 | 0.5/08.8  | 43264 |
| 2002 CO <sub>284</sub> | 2008 10 09.2 | 00 59.56 +08 10.4 20.8 | -0.87 - 5.3 | 0.6/09.8  | 43148 |
| 2002 AU <sub>150</sub> | 2008 10 09.2 | 00 59.60 +02 31.5 19.3 | -0.96 - 5.0 | 1.5/08.1  | 43144 |
| 2005 EW <sub>326</sub> | 2008 10 09.2 | 00 59.61 +18 04.3 19.8 | -0.80 - 3.7 | 3.4/13.0  | 31392 |
| 2000 YZ <sub>74</sub>  | 2008 10 09.2 | 00 59.63 +07 14.8 19.0 | -0.87 - 5.8 | 0.3/09.5  | 02023 |
| 2006 DL <sub>197</sub> | 2008 10 09.2 | 00 59.64 +22 22.5 20.5 | -0.93 - 4.8 | 4.8/14.3  | 01444 |
| 2007 EL <sub>71</sub>  | 2008 10 09.2 | 00 59.66 +03 02.0 20.9 | -0.98 - 5.7 | 1.2/08.2  | 41866 |
| 2006 HB <sub>12</sub>  | 2008 10 09.2 | 00 59.66 -06 12.4 20.8 | -0.76 - 3.3 | 3.6/05.3  | 01624 |
| 2006 DH <sub>210</sub> | 2008 10 09.2 | 00 59.69 +02 10.9 20.3 | -0.84 - 6.2 | 1.5/07.9  | 43263 |
| 2002 CM <sub>30</sub>  | 2008 10 09.2 | 00 59.71 +03 15.3 20.6 | -0.90 - 4.1 | 1.0/08.3  | 43145 |
| 1995 SM <sub>61</sub>  | 2008 10 09.2 | 00 59.74 +02 04.3 21.1 | -0.84 - 6.1 | 1.4/07.9  | 21101 |
| 2002 AL <sub>146</sub> | 2008 10 09.2 | 00 59.77 +13 04.7 20.9 | -0.94 - 5.5 | 2.3/11.3  | 94526 |
| 2002 RU <sub>239</sub> | 2008 10 09.2 | 00 59.78 -05 01.4 19.7 | -0.70 - 6.3 | 3.2/05.3  | 21321 |
| 2000 FF <sub>1</sub>   | 2008 10 09.2 | 00 59.80 -29 47.9 20.9 | -1.06 - 2.5 | 11.0/27.6 | 26570 |
| 2007 FJ <sub>38</sub>  | 2008 10 09.2 | 00 59.83 +04 46.4 18.7 | -1.67 + 4.8 | 0.8/09.0  | 22885 |
| 2007 JP <sub>16</sub>  | 2008 10 09.2 | 00 59.85 +06 18.8 19.7 | -0.89 - 8.9 | 0.0/09.2  | 43283 |
| 1998 FD <sub>10</sub>  | 2008 10 09.2 | 00 59.87 +14 57.1 19.8 | -1.03 - 2.0 | 2.9/11.6  | 01968 |
| 2007 LB <sub>2</sub>   | 2008 10 09.2 | 00 59.88 -02 49.3 21.3 | -0.85 - 5.7 | 3.0/06.3  | 21247 |
| 2005 UM <sub>60</sub>  | 2008 10 09.2 | 00 59.90 -03 53.3 18.2 | -0.82 - 6.0 | 5.4/05.9  | 43237 |
| 1997 GR <sub>1</sub>   | 2008 10 09.2 | 00 59.90 -03 15.2 21.5 | -0.78 - 6.8 | 2.9/06.0  | 99885 |
| 2002 NV <sub>37</sub>  | 2008 10 09.2 | 00 59.91 +22 33.1 20.6 | -0.82 - 5.0 | 4.9/14.9  | 56391 |
| 2005 WD <sub>135</sub> | 2008 10 09.2 | 00 59.91 -11 33.6 20.6 | -0.88 - 4.3 | 6.1/03.7  | 20826 |
| 2007 EH <sub>168</sub> | 2008 10 09.2 | 00 59.97 +00 37.6 19.4 | -0.99 - 2.9 | 2.5/07.7  | 22883 |
| 2004 RY <sub>198</sub> | 2008 10 09.2 | 00 59.98 +21 19.8 18.6 | -1.03 - 2.8 | 5.7/13.8  | 43210 |
| 2004 XP <sub>77</sub>  | 2008 10 09.3 | 00 59.90 +17 27.9 18.7 | -0.84 - 6.3 | 3.8/13.1  | 43225 |
| 2002 GJ <sub>11</sub>  | 2008 10 09.3 | 00 59.92 -01 37.1 19.8 | -0.83 - 4.7 | 2.6/06.8  | 43152 |
| 2005 AN <sub>66</sub>  | 2008 10 09.3 | 00 59.93 +10 24.0 20.8 | -0.77 - 5.2 | 1.2/10.6  | 89619 |
| 1996 AG <sub>10</sub>  | 2008 10 09.3 | 00 59.94 +10 38.2 19.5 | -0.82 - 5.6 | 1.6/10.7  | 73928 |
| 2003 SU <sub>53</sub>  | 2008 10 09.3 | 00 59.95 +05 31.8 20.5 | -0.76 - 7.3 | 0.3/09.0  | 43177 |
| 2001 WL <sub>92</sub>  | 2008 10 09.3 | 00 59.96 +04 50.1 19.0 | -0.84 - 5.4 | 0.8/08.8  | 00091 |
| 2006 DX <sub>126</sub> | 2008 10 09.3 | 00 59.96 -04 52.1 20.7 | -0.74 - 8.7 | 3.8/05.3  | 21629 |
| 2006 BA <sub>66</sub>  | 2008 10 09.3 | 00 59.96 +04 54.1 20.8 | -0.97 - 4.8 | 0.6/08.9  | 97030 |
| 2007 HJ <sub>95</sub>  | 2008 10 09.3 | 00 59.98 -08 25.1 19.8 | -0.83 - 4.9 | 5.4/04.6  | 43283 |
| 2006 BV <sub>274</sub> | 2008 10 09.3 | 00 59.99 +08 26.0 21.3 | -0.89 - 4.9 | 0.7/10.0  | 09510 |
| 2001 XY <sub>177</sub> | 2008 10 09.3 | 01 00.01 +15 26.4 17.7 | -0.79 - 5.7 | 4.5/12.4  | 43140 |
| 1995 SY <sub>37</sub>  | 2008 10 09.3 | 01 00.01 +06 13.9 19.3 | -0.83 - 5.8 | 0.1/09.3  | 43092 |
| 2005 WA <sub>98</sub>  | 2008 10 09.3 | 01 00.03 +09 20.7 20.0 | -0.94 - 5.8 | 1.0/10.2  | 09457 |
| 2001 XT <sub>234</sub> | 2008 10 09.3 | 01 00.03 +09 17.7 18.9 | -0.94 - 4.5 | 1.3/10.2  | 43141 |
| 2006 HQ <sub>106</sub> | 2008 10 09.3 | 01 00.03 -02 16.9 19.9 | -0.83 - 5.7 | 2.9/06.5  | 43268 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 SN <sub>168</sub> | 2008 10 09.3 | 01 00.04 -09 20.5 19.0 | -0.93 - 0.5 | 5.6/05.1  | 43179 |
| 2001 DK <sub>13</sub>  | 2008 10 09.3 | 01 00.06 -07 54.7 19.5 | -0.80 - 5.2 | 4.3/04.6  | 21303 |
| 2005 WP <sub>35</sub>  | 2008 10 09.3 | 01 00.07 +14 40.5 19.9 | -0.95 - 7.8 | 3.1/12.1  | 26097 |
| 2004 TK <sub>49</sub>  | 2008 10 09.3 | 01 00.08 +01 37.4 21.2 | -0.90 - 4.1 | 1.7/07.9  | 95495 |
| 2006 AS <sub>100</sub> | 2008 10 09.3 | 01 00.09 +10 26.4 20.1 | -0.96 - 5.6 | 1.7/10.6  | 09493 |
| 2000 GK <sub>25</sub>  | 2008 10 09.3 | 01 00.10 +06 57.8 19.2 | -1.08 - 2.6 | 0.2/09.5  | 19522 |
| 2003 WN <sub>71</sub>  | 2008 10 09.3 | 01 00.10 +19 02.9 19.5 | -0.89 - 1.9 | 3.8/13.0  | 77745 |
| 2003 SF <sub>30</sub>  | 2008 10 09.3 | 01 00.10 +10 50.1 19.0 | -0.86 - 4.1 | 1.5/10.7  | 10983 |
| 2003 UG <sub>244</sub> | 2008 10 09.3 | 01 00.15 -04 09.4 19.2 | -0.84 - 1.8 | 3.4/06.3  | 43191 |
| 2004 TY <sub>195</sub> | 2008 10 09.3 | 01 00.23 +08 35.4 20.3 | -0.89 - 5.3 | 0.8/10.1  | 43217 |
| 2007 DE <sub>41</sub>  | 2008 10 09.3 | 01 00.23 -15 24.5 19.2 | -0.87 -21.8 | 9.5/29.8  | 19704 |
| 2006 DV <sub>152</sub> | 2008 10 09.3 | 01 00.23 +07 49.5 19.7 | -0.83 - 5.4 | 0.5/09.8  | 43263 |
| 2003 EL <sub>29</sub>  | 2008 10 09.3 | 01 00.27 +00 18.4 20.4 | -0.93 - 5.2 | 2.1/07.5  | 43168 |
| 2001 XF <sub>110</sub> | 2008 10 09.3 | 01 00.28 -09 02.5 18.6 | -0.85 - 3.5 | 7.8/04.4  | 30576 |
| 2007 EA <sub>44</sub>  | 2008 10 09.3 | 01 00.28 +07 03.5 20.1 | -0.96 - 6.3 | 0.2/09.6  | 20553 |
| 2002 CE <sub>125</sub> | 2008 10 09.3 | 01 00.29 +06 49.2 19.3 | -0.87 - 6.6 | 0.1/09.5  | 02075 |
| 2002 QQ <sub>45</sub>  | 2008 10 09.3 | 01 00.30 -01 10.0 17.6 | -0.96 + 1.3 | 2.9/07.6  | 43159 |
| 2001 PB <sub>33</sub>  | 2008 10 09.3 | 01 00.31 -03 10.4 18.9 | -1.10 + 0.6 | 4.6/07.1  | 22685 |
| 2000 AJ <sub>185</sub> | 2008 10 09.4 | 01 00.25 -06 52.9 19.6 | -0.47 - 4.2 | 2.4/04.6  | 43102 |
| 2001 DV <sub>42</sub>  | 2008 10 09.4 | 01 00.26 +03 43.8 19.6 | -0.88 - 6.2 | 0.9/08.5  | 43119 |
| 2000 FY <sub>50</sub>  | 2008 10 09.4 | 01 00.27 +07 35.5 18.8 | -0.99 - 4.6 | 0.5/09.7  | 43105 |
| 2006 FO <sub>16</sub>  | 2008 10 09.4 | 01 00.27 +08 02.1 19.4 | -0.80 - 5.3 | 0.5/09.9  | 43265 |
| 2002 AF <sub>36</sub>  | 2008 10 09.4 | 01 00.27 +00 36.3 19.6 | -0.64 - 3.8 | 1.4/07.5  | 10849 |
| 2000 LX <sub>6</sub>   | 2008 10 09.4 | 01 00.28 +01 18.9 21.0 | -0.94 - 6.4 | 1.8/07.8  | 43106 |
| 2004 PW <sub>30</sub>  | 2008 10 09.4 | 01 00.30 +04 25.7 20.6 | -0.94 - 6.3 | 0.8/08.8  | 19131 |
| 2005 AD <sub>69</sub>  | 2008 10 09.4 | 01 00.32 -02 13.6 19.1 | -0.92 - 1.5 | 3.2/07.0  | 43228 |
| 2002 CF <sub>244</sub> | 2008 10 09.4 | 01 00.33 -02 11.5 19.2 | -0.77 - 9.1 | 2.8/06.4  | 43148 |
| 2003 UD <sub>15</sub>  | 2008 10 09.4 | 01 00.33 +04 14.9 19.5 | -0.92 - 1.0 | 0.7/08.8  | 10994 |
| 2001 YR <sub>112</sub> | 2008 10 09.4 | 01 00.33 +24 56.7 19.7 | -0.92 - 5.9 | 5.8/15.7  | 97540 |
| 2002 RM <sub>240</sub> | 2008 10 09.4 | 01 00.35 +03 10.4 20.1 | -0.69 - 6.7 | 0.9/08.3  | 43162 |
| 2003 SL <sub>191</sub> | 2008 10 09.4 | 01 00.36 +13 22.8 19.8 | -0.74 - 9.0 | 2.4/12.0  | 21567 |
| 2006 AP <sub>13</sub>  | 2008 10 09.4 | 01 00.36 +31 27.5 19.5 | -1.08 - 2.8 | 10.0/17.4 | 96895 |
| 2001 RY <sub>42</sub>  | 2008 10 09.4 | 01 00.38 +15 51.1 18.3 | -0.85 - 7.2 | 4.5/12.6  | 43124 |
| 2005 WV <sub>36</sub>  | 2008 10 09.4 | 01 00.40 -03 44.0 19.8 | -0.99 - 4.5 | 4.1/06.5  | 17638 |
| 2000 SN <sub>276</sub> | 2008 10 09.4 | 01 00.42 +28 11.9 18.6 | -0.87 - 8.1 | 8.2/17.5  | 41759 |
| 2005 CP <sub>53</sub>  | 2008 10 09.4 | 01 00.42 -07 11.3 20.2 | -0.76 - 5.6 | 4.2/04.8  | 21349 |
| 2007 HU <sub>48</sub>  | 2008 10 09.4 | 01 00.43 +04 40.5 20.4 | -0.91 - 6.8 | 0.6/08.9  | 20648 |
| 2007 JL <sub>17</sub>  | 2008 10 09.4 | 01 00.44 +03 31.5 22.3 | -0.84 - 5.3 | 0.9/08.5  | 40464 |
| 2001 TE <sub>231</sub> | 2008 10 09.4 | 01 00.44 -07 19.4 18.7 | -0.85 -10.0 | 6.0/04.4  | 94185 |
| 2007 KY <sub>3</sub>   | 2008 10 09.4 | 01 00.45 +07 29.4 20.5 | -0.89 -14.7 | 0.3/09.8  | 21242 |
| 2004 VX <sub>89</sub>  | 2008 10 09.4 | 01 00.52 +23 00.1 19.6 | -0.85 - 7.5 | 6.2/15.3  | 86592 |
| 2001 MD <sub>18</sub>  | 2008 10 09.4 | 01 00.52 -34 26.9 19.7 | -1.00 - 4.0 | 15.6/24.8 | 17932 |
| 2006 BO <sub>142</sub> | 2008 10 09.4 | 01 00.54 +24 02.7 20.0 | -1.00 - 2.6 | 6.0/14.8  | 03849 |
| 2002 CF <sub>46</sub>  | 2008 10 09.4 | 01 00.55 +28 27.8 19.9 | -1.01 - 5.0 | 7.6/16.5  | 21312 |
| 2002 PA <sub>145</sub> | 2008 10 09.4 | 01 00.55 -09 01.5 19.4 | -0.73 - 5.5 | 5.0/04.2  | 75470 |
| 2004 PM <sub>18</sub>  | 2008 10 09.4 | 01 00.57 +06 54.0 19.0 | -0.94 - 7.2 | 0.2/09.6  | 43203 |
| 2004 TM <sub>147</sub> | 2008 10 09.4 | 01 00.61 +10 50.5 19.6 | -0.88 - 5.5 | 1.9/10.9  | 74395 |
| 2003 JQ <sub>5</sub>   | 2008 10 09.4 | 01 00.63 -14 39.4 20.4 | -1.08 + 0.5 | 7.3/04.3  | 20308 |
| 2006 BB <sub>156</sub> | 2008 10 09.4 | 01 00.63 +00 21.1 19.6 | -0.85 - 6.0 | 2.4/07.5  | 43255 |
| 2002 RY <sub>250</sub> | 2008 10 09.4 | 01 00.64 +06 32.4 19.8 | -0.85 - 2.1 | 0.0/09.5  | 00357 |
| 2006 GY <sub>29</sub>  | 2008 10 09.4 | 01 00.65 -19 12.7 20.3 | -0.73 - 3.2 | 6.2/30.9  | 21856 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2004 XA <sub>77</sub>  | 2008 10 09.4 | 01 00.67 -02 42.5 18.9 | -0.83 - 4.6 | 3.1/06.6 | 02232 |
| 2003 UW <sub>227</sub> | 2008 10 09.4 | 01 00.69 +03 59.8 19.2 | -0.90 - 1.2 | 0.9/08.8 | 00643 |
| 2002 ES <sub>149</sub> | 2008 10 09.5 | 01 00.67 +09 06.5 18.9 | -1.03 - 0.8 | 1.0/10.2 | 43151 |
| 2006 AB <sub>73</sub>  | 2008 10 09.5 | 01 00.67 +07 43.6 18.8 | -0.93 - 3.1 | 0.7/09.9 | 03834 |
| 2005 AE <sub>15</sub>  | 2008 10 09.5 | 01 00.67 +08 35.0 19.5 | -0.84 - 4.8 | 0.9/10.2 | 43227 |
| 2003 HY <sub>18</sub>  | 2008 10 09.5 | 01 00.71 +01 15.1 20.9 | -0.90 - 6.9 | 1.8/07.8 | 43172 |
| 2004 PR <sub>31</sub>  | 2008 10 09.5 | 01 00.75 +07 11.4 19.7 | -0.97 - 5.7 | 0.3/09.7 | 43204 |
| 2003 XO <sub>4</sub>   | 2008 10 09.5 | 01 00.77 +26 17.2 19.0 | -0.79 - 7.0 | 6.1/16.6 | 62456 |
| 2002 RL <sub>181</sub> | 2008 10 09.5 | 01 00.78 +25 38.6 19.5 | -1.27 + 5.2 | 7.2/13.4 | 43162 |
| 2004 HF <sub>67</sub>  | 2008 10 09.5 | 01 00.82 +11 29.9 20.4 | -0.99 - 8.0 | 2.0/11.2 | 95215 |
| 2006 HO <sub>3</sub>   | 2008 10 09.5 | 01 00.82 +12 10.7 19.9 | -0.82 -13.4 | 1.6/11.7 | 01615 |
| 2006 BT <sub>216</sub> | 2008 10 09.5 | 01 00.82 +24 48.4 19.1 | -0.93 - 4.8 | 6.2/15.6 | 02282 |
| 2005 CT <sub>11</sub>  | 2008 10 09.5 | 01 00.83 +30 48.7 19.9 | -1.00 - 0.7 | 7.2/16.9 | 21818 |
| 2006 GJ <sub>47</sub>  | 2008 10 09.5 | 01 00.89 -01 40.0 20.4 | -0.86 - 3.4 | 2.4/07.1 | 11167 |
| 2004 RQ <sub>148</sub> | 2008 10 09.5 | 01 00.97 +06 19.5 20.0 | -0.89 - 7.8 | 0.1/09.5 | 43209 |
| 2003 QJ <sub>99</sub>  | 2008 10 09.5 | 01 00.98 +07 15.0 20.5 | -0.74 - 8.7 | 0.2/09.8 | 95050 |
| 2000 UT <sub>23</sub>  | 2008 10 09.5 | 01 01.02 -06 27.8 18.4 | -0.82 - 1.2 | 6.6/05.7 | 74039 |
| 2000 UO <sub>94</sub>  | 2008 10 09.5 | 01 01.05 +12 56.2 18.8 | -0.96 - 3.1 | 2.7/11.4 | 72208 |
| 2001 XY <sub>228</sub> | 2008 10 09.6 | 01 01.00 +04 47.1 18.8 | -0.98 - 3.7 | 0.8/09.1 | 22691 |
| 2004 RQ <sub>3</sub>   | 2008 10 09.6 | 01 01.04 -07 25.1 17.1 | -0.68 - 5.1 | 7.4/04.6 | 41810 |
| 2002 GV <sub>16</sub>  | 2008 10 09.6 | 01 01.05 +01 10.2 19.4 | -0.85 - 4.1 | 1.7/08.0 | 43152 |
| 2000 WM <sub>173</sub> | 2008 10 09.6 | 01 01.06 +00 21.4 18.3 | -0.78 -12.2 | 2.3/07.3 | 43115 |
| 2007 FV <sub>35</sub>  | 2008 10 09.6 | 01 01.06 +04 40.5 20.8 | -0.94 - 6.6 | 0.6/09.0 | 20860 |
| 1997 EK <sub>26</sub>  | 2008 10 09.6 | 01 01.11 +10 44.0 20.2 | -0.91 - 3.2 | 1.5/10.9 | 01967 |
| 2001 UL <sub>49</sub>  | 2008 10 09.6 | 01 01.14 +00 14.4 18.8 | -0.82 -10.0 | 2.7/07.4 | 02047 |
| 2001 YN <sub>91</sub>  | 2008 10 09.6 | 01 01.15 -00 25.7 19.2 | -0.91 - 6.1 | 2.7/07.4 | 43142 |
| 2000 SQ <sub>108</sub> | 2008 10 09.6 | 01 01.17 +05 06.0 18.5 | -0.85 - 7.2 | 0.5/09.2 | 97397 |
| 2007 HN <sub>46</sub>  | 2008 10 09.6 | 01 01.17 -08 42.2 19.1 | -1.02 - 0.4 | 5.9/05.8 | 21364 |
| 2006 FF <sub>53</sub>  | 2008 10 09.6 | 01 01.17 +07 38.9 21.3 | -0.71 - 5.0 | 0.3/10.0 | 21358 |
| 2002 AP <sub>141</sub> | 2008 10 09.6 | 01 01.19 +09 40.8 19.5 | -0.92 - 5.9 | 1.2/10.6 | 02065 |
| 2004 JU <sub>23</sub>  | 2008 10 09.6 | 01 01.26 +07 11.5 18.7 | -0.94 - 7.8 | 0.3/09.9 | 43201 |
| 2002 QJ <sub>3</sub>   | 2008 10 09.6 | 01 01.29 +04 02.0 19.6 | -0.71 - 6.2 | 0.7/08.8 | 43159 |
| 2007 LY <sub>5</sub>   | 2008 10 09.6 | 01 01.30 -15 40.3 20.4 | -0.77 - 7.6 | 8.1/01.6 | 41347 |
| 2006 BX <sub>275</sub> | 2008 10 09.6 | 01 01.31 -08 20.3 21.0 | -0.82 - 6.7 | 5.3/04.7 | 24057 |
| 2003 SL <sub>218</sub> | 2008 10 09.6 | 01 01.35 +02 32.7 19.5 | -0.93 - 0.8 | 1.4/08.6 | 43181 |
| 2004 VV <sub>76</sub>  | 2008 10 09.6 | 01 01.44 -05 45.1 19.4 | -0.97 - 3.9 | 5.0/05.9 | 02227 |
| 2003 FW <sub>3</sub>   | 2008 10 09.7 | 01 01.36 +10 20.7 20.1 | -1.22 0.0   | 1.3/10.6 | 43169 |
| 2004 PB <sub>15</sub>  | 2008 10 09.7 | 01 01.37 +07 09.7 19.4 | -1.02 - 4.0 | 0.2/09.9 | 43203 |
| 2007 HA <sub>4</sub>   | 2008 10 09.7 | 01 01.37 +00 32.2 21.9 | -1.03 - 3.8 | 2.1/08.0 | 20626 |
| 2004 SY <sub>54</sub>  | 2008 10 09.7 | 01 01.38 -06 58.9 18.4 | -0.73 -10.2 | 5.1/04.6 | 43214 |
| 2006 DF <sub>191</sub> | 2008 10 09.7 | 01 01.40 +01 37.7 20.0 | -0.80 - 4.8 | 1.5/08.1 | 11163 |
| 2003 ES <sub>22</sub>  | 2008 10 09.7 | 01 01.44 +01 08.4 20.2 | -0.97 - 6.0 | 2.0/08.1 | 43168 |
| 2007 JY <sub>17</sub>  | 2008 10 09.7 | 01 01.52 -06 21.1 20.1 | -0.75 - 9.0 | 4.6/05.1 | 21232 |
| 2000 FA <sub>14</sub>  | 2008 10 09.7 | 01 01.52 +05 20.2 21.1 | -0.96 - 7.1 | 0.5/09.4 | 20733 |
| 2006 EZ <sub>55</sub>  | 2008 10 09.7 | 01 01.57 +03 18.7 20.1 | -0.77 - 8.4 | 1.1/08.6 | 43265 |
| 2001 DU <sub>102</sub> | 2008 10 09.7 | 01 01.60 -10 29.0 19.5 | -0.81 - 4.8 | 5.4/04.1 | 02030 |
| 2007 GP <sub>47</sub>  | 2008 10 09.7 | 01 01.60 +01 36.3 20.3 | -0.99 - 4.0 | 1.8/08.3 | 43280 |
| 2004 PP <sub>54</sub>  | 2008 10 09.7 | 01 01.61 +18 09.3 19.0 | -1.01 - 4.7 | 4.7/13.4 | 43204 |
| 2006 EM <sub>12</sub>  | 2008 10 09.7 | 01 01.63 -03 07.0 19.6 | -0.70 -11.0 | 3.5/06.1 | 01467 |
| 2005 EJ <sub>17</sub>  | 2008 10 09.7 | 01 01.72 +06 06.9 21.3 | -0.76 - 4.7 | 0.1/09.6 | 89628 |
| 2003 QE <sub>49</sub>  | 2008 10 09.7 | 01 01.72 +12 15.0 19.6 | -0.90 - 3.4 | 2.0/11.5 | 04257 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2000 UB <sub>82</sub>  | 2008 10 09.7 | 01 01.75 -00 45.5 19.3 | -0.95 - 0.1 | 3.5/07.9 | 74043 |
| 2002 CB <sub>88</sub>  | 2008 10 09.7 | 01 01.76 +00 30.2 19.9 | -0.86 - 5.2 | 2.0/07.9 | 43146 |
| 2006 HM <sub>94</sub>  | 2008 10 09.7 | 01 01.76 +08 20.4 19.7 | -0.66 -10.1 | 0.5/10.5 | 03904 |
| 2003 GN <sub>48</sub>  | 2008 10 09.7 | 01 01.79 -02 29.6 20.1 | -0.93 - 4.4 | 3.3/07.1 | 19102 |
| 2003 BW <sub>52</sub>  | 2008 10 09.7 | 01 01.80 +11 24.4 19.5 | -1.03 - 4.4 | 1.7/11.2 | 21325 |
| 2001 VR <sub>108</sub> | 2008 10 09.7 | 01 01.81 +19 35.1 19.8 | -0.95 - 7.3 | 5.0/14.1 | 17971 |
| 2006 DX <sub>9</sub>   | 2008 10 09.8 | 01 01.73 +13 14.8 19.4 | -1.01 - 1.6 | 2.3/11.6 | 35939 |
| 2002 FB <sub>7</sub>   | 2008 10 09.8 | 01 01.74 +05 15.4 20.4 | -1.00 - 2.0 | 0.4/09.4 | 97587 |
| 2002 JA <sub>146</sub> | 2008 10 09.8 | 01 01.75 +14 12.9 20.5 | -0.88 - 4.2 | 2.2/12.2 | 18014 |
| 2006 GR <sub>45</sub>  | 2008 10 09.8 | 01 01.76 -02 49.3 19.3 | -0.88 - 7.0 | 3.3/06.7 | 09549 |
| 2007 EZ <sub>167</sub> | 2008 10 09.8 | 01 01.76 +02 58.0 20.6 | -0.96 - 3.8 | 1.4/08.8 | 41330 |
| 2002 SF <sub>4</sub>   | 2008 10 09.8 | 01 01.77 +45 37.7 20.3 | -1.06 - 2.8 | 9.6/25.5 | 20769 |
| 2001 DA <sub>48</sub>  | 2008 10 09.8 | 01 01.79 +02 19.1 21.4 | -0.81 - 4.8 | 1.2/08.5 | 00012 |
| 2003 UR <sub>346</sub> | 2008 10 09.8 | 01 01.79 +05 13.9 21.4 | -0.76 - 6.7 | 0.4/09.4 | 42678 |
| 2002 QD <sub>57</sub>  | 2008 10 09.8 | 01 01.84 +01 15.9 21.1 | -0.71 - 5.9 | 1.5/08.0 | 04212 |
| 2002 RV <sub>119</sub> | 2008 10 09.8 | 01 01.84 -02 02.8 18.8 | -0.77 - 3.3 | 2.9/07.2 | 43162 |
| 2004 TR <sub>160</sub> | 2008 10 09.8 | 01 01.85 +11 55.2 21.1 | -0.82 - 8.4 | 1.9/11.7 | 03640 |
| 2001 XQ <sub>169</sub> | 2008 10 09.8 | 01 01.85 +01 34.1 19.3 | -0.88 - 6.7 | 2.2/08.2 | 94377 |
| 2000 DA <sub>117</sub> | 2008 10 09.8 | 01 01.88 +23 11.6 19.6 | -0.94 - 1.2 | 5.4/14.7 | 43104 |
| 2001 OX <sub>24</sub>  | 2008 10 09.8 | 01 01.89 -04 26.3 19.1 | -0.93 - 7.0 | 4.9/06.4 | 43121 |
| 2003 HJ <sub>51</sub>  | 2008 10 09.8 | 01 01.91 +03 34.9 18.3 | -0.70 -13.4 | 1.3/08.7 | 43172 |
| 2005 CT <sub>39</sub>  | 2008 10 09.8 | 01 01.94 -09 47.9 19.6 | -0.69 - 6.7 | 5.0/04.0 | 22500 |
| 2004 LO <sub>11</sub>  | 2008 10 09.8 | 01 01.95 +04 08.9 20.3 | -1.03 - 5.5 | 1.0/09.1 | 19613 |
| 2001 BB <sub>26</sub>  | 2008 10 09.8 | 01 01.95 +14 52.8 19.1 | -0.86 - 5.1 | 2.7/12.5 | 02026 |
| 1998 YB <sub>17</sub>  | 2008 10 09.8 | 01 01.96 +01 52.9 21.3 | -0.71 - 4.8 | 1.2/08.3 | 77380 |
| 2000 YL <sub>20</sub>  | 2008 10 09.8 | 01 01.99 +26 39.1 19.0 | -0.91 - 5.3 | 7.1/16.6 | 02022 |
| 2005 BC <sub>38</sub>  | 2008 10 09.8 | 01 02.00 -08 57.3 21.2 | -0.73 - 4.6 | 4.4/04.7 | 09110 |
| 2001 SQ <sub>62</sub>  | 2008 10 09.8 | 01 02.01 +05 52.9 17.5 | -0.76 - 5.8 | 0.4/09.6 | 43126 |
| 2002 AX <sub>96</sub>  | 2008 10 09.8 | 01 02.01 +22 31.3 21.3 | -0.98 - 4.5 | 5.1/14.8 | 10851 |
| 2000 FL <sub>2</sub>   | 2008 10 09.8 | 01 02.02 +05 12.4 20.1 | -0.98 - 5.8 | 0.6/09.4 | 20733 |
| 2002 CH <sub>4</sub>   | 2008 10 09.8 | 01 02.03 -04 15.6 20.8 | -0.97 - 2.6 | 3.5/06.8 | 02069 |
| 2004 VQ <sub>23</sub>  | 2008 10 09.8 | 01 02.03 -15 24.0 18.1 | -0.97 + 0.6 | 9.2/04.0 | 43222 |
| 2006 DT <sub>46</sub>  | 2008 10 09.8 | 01 02.04 +10 42.1 19.6 | -0.91 - 3.4 | 1.4/11.1 | 02291 |
| 2002 CK <sub>256</sub> | 2008 10 09.8 | 01 02.04 -01 39.9 20.3 | -0.86 - 4.7 | 2.5/07.3 | 94649 |
| 2006 GR <sub>36</sub>  | 2008 10 09.8 | 01 02.05 +03 29.3 20.0 | -0.80 - 4.0 | 1.0/08.9 | 43267 |
| 2000 DO <sub>9</sub>   | 2008 10 09.8 | 01 02.06 +04 07.4 21.1 | -0.72 - 4.9 | 0.6/09.1 | 99937 |
| 2005 YN <sub>167</sub> | 2008 10 09.8 | 01 02.07 -07 03.2 21.0 | -0.88 - 6.3 | 4.9/05.4 | 26118 |
| 2002 CA <sub>61</sub>  | 2008 10 09.8 | 01 02.11 +16 24.0 21.3 | -0.99 - 2.8 | 3.0/12.7 | 00154 |
| 2006 BW <sub>130</sub> | 2008 10 09.8 | 01 02.15 -01 55.5 19.8 | -0.78 - 7.1 | 3.0/07.0 | 02278 |
| 1999 TB <sub>320</sub> | 2008 10 09.8 | 01 02.16 +18 48.6 18.7 | -0.81 - 7.5 | 4.7/14.2 | 43100 |
| 2004 TH <sub>263</sub> | 2008 10 09.9 | 01 02.09 +03 12.7 20.5 | -0.96 - 2.2 | 1.1/09.0 | 09081 |
| 2004 JD <sub>34</sub>  | 2008 10 09.9 | 01 02.11 +06 54.2 19.7 | -0.95 - 9.0 | 0.1/10.0 | 20791 |
| 2006 HP <sub>105</sub> | 2008 10 09.9 | 01 02.12 -20 03.9 20.8 | -0.76 - 3.6 | 6.7/30.8 | 01720 |
| 2005 UO <sub>216</sub> | 2008 10 09.9 | 01 02.13 -03 46.5 18.2 | -1.06 - 1.7 | 5.0/07.1 | 20821 |
| 2002 EM <sub>49</sub>  | 2008 10 09.9 | 01 02.15 +14 53.6 19.2 | -0.97 - 3.2 | 3.0/12.4 | 43150 |
| 2005 YC <sub>182</sub> | 2008 10 09.9 | 01 02.15 +01 42.0 21.1 | -0.99 - 4.9 | 1.8/08.5 | 09482 |
| 2000 UF <sub>27</sub>  | 2008 10 09.9 | 01 02.15 +05 19.3 18.0 | -0.74 -10.4 | 0.5/09.4 | 43112 |
| 2002 YQ <sub>2</sub>   | 2008 10 09.9 | 01 02.17 -05 49.7 18.4 | -0.96 - 1.1 | 6.6/06.6 | 19587 |
| 1999 UX <sub>11</sub>  | 2008 10 09.9 | 01 02.21 +01 17.3 21.1 | -0.86 - 3.7 | 1.8/08.3 | 10712 |
| 2002 JD <sub>7</sub>   | 2008 10 09.9 | 01 02.22 -01 47.1 20.6 | -0.81 - 4.9 | 2.5/07.3 | 94769 |
| 2004 RS <sub>262</sub> | 2008 10 09.9 | 01 02.24 +09 41.3 20.9 | -0.96 - 4.6 | 1.0/10.8 | 95433 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2004 PR <sub>37</sub>  | 2008 10 09.9 | 01 02.24 +07 45.3 20.0 | -0.99 | - 5.4 | 0.5/10.3  | 43204 |
| 2001 WO <sub>81</sub>  | 2008 10 09.9 | 01 02.24 +02 39.7 20.1 | -0.93 | - 5.3 | 1.4/08.7  | 97513 |
| 2002 GB <sub>91</sub>  | 2008 10 09.9 | 01 02.25 -00 30.7 21.2 | -0.88 | - 3.4 | 2.1/07.8  | 02095 |
| 2004 QW <sub>14</sub>  | 2008 10 09.9 | 01 02.25 +09 39.1 19.5 | -0.86 | - 8.9 | 1.2/11.0  | 19620 |
| 2006 DD <sub>85</sub>  | 2008 10 09.9 | 01 02.26 +04 34.0 19.4 | -0.78 | - 6.8 | 0.7/09.2  | 43261 |
| 2004 KU <sub>16</sub>  | 2008 10 09.9 | 01 02.28 +02 37.4 20.8 | -0.95 | - 5.8 | 1.4/08.7  | 43201 |
| 2001 VF <sub>48</sub>  | 2008 10 09.9 | 01 02.29 +22 01.1 18.5 | -0.84 | - 8.7 | 6.9/15.5  | 17969 |
| 2007 GU                | 2008 10 09.9 | 01 02.30 +03 22.7 19.6 | -0.97 | - 2.0 | 1.2/09.1  | 41870 |
| 2006 CW <sub>5</sub>   | 2008 10 09.9 | 01 02.31 -03 00.0 19.8 | -0.81 | - 7.7 | 3.7/06.7  | 21356 |
| 2007 FE <sub>31</sub>  | 2008 10 09.9 | 01 02.31 +05 21.2 19.6 | -0.90 | - 8.6 | 0.6/09.5  | 21203 |
| 2006 DH <sub>110</sub> | 2008 10 09.9 | 01 02.33 +07 21.6 19.7 | -0.81 | - 3.3 | 0.2/10.2  | 22812 |
| 2006 KW <sub>123</sub> | 2008 10 09.9 | 01 02.36 +08 10.9 20.2 | -0.70 | - 8.1 | 0.4/10.5  | 01846 |
| 2006 KV <sub>40</sub>  | 2008 10 09.9 | 01 02.44 +03 35.5 20.0 | -0.76 | - 5.1 | 1.0/09.0  | 43268 |
| 1999 EQ <sub>2</sub>   | 2008 10 09.9 | 01 02.46 +04 54.6 20.7 | -0.93 | - 6.3 | 0.6/09.4  | 01974 |
| 2000 BO <sub>9</sub>   | 2008 10 09.9 | 01 02.46 -14 07.9 20.5 | -0.72 | - 5.5 | 5.9/02.8  | 68640 |
| 1998 HJ <sub>89</sub>  | 2008 10 09.9 | 01 02.46 +08 11.5 20.4 | -1.02 | - 8.8 | 0.6/10.5  | 16121 |
| 2000 UX <sub>14</sub>  | 2008 10 09.9 | 01 02.47 +26 45.1 17.5 | -0.84 | - 7.9 | 8.1/17.4  | 41760 |
| 2000 RA <sub>105</sub> | 2008 10 09.9 | 01 02.50 +20 25.0 18.0 | -0.64 | - 8.0 | 6.7/15.3  | 43108 |
| 2001 AF <sub>22</sub>  | 2008 10 09.9 | 01 02.51 -00 29.7 20.5 | -0.90 | - 4.5 | 2.3/07.8  | 02025 |
| 2000 YN <sub>48</sub>  | 2008 10 09.9 | 01 02.52 -20 58.1 19.9 | -0.89 | - 4.5 | 10.0/30.1 | 97425 |
| 2001 SQ <sub>75</sub>  | 2008 10 09.9 | 01 02.53 +15 09.2 18.8 | -0.95 | - 6.4 | 3.8/13.0  | 43126 |
| 2003 YS <sub>61</sub>  | 2008 10 10.0 | 01 02.47 -03 18.1 19.1 | -0.73 | - 4.8 | 3.0/06.7  | 21338 |
| 2001 RV <sub>94</sub>  | 2008 10 10.0 | 01 02.48 +15 34.6 18.3 | -0.97 | - 2.4 | 4.4/12.6  | 43125 |
| 2002 ES <sub>6</sub>   | 2008 10 10.0 | 01 02.48 +04 13.6 20.8 | -0.81 | - 7.1 | 0.9/09.2  | 94680 |
| 2003 YK <sub>86</sub>  | 2008 10 10.0 | 01 02.48 +09 12.6 17.9 | -0.68 | - 7.0 | 1.0/10.9  | 41804 |
| 2002 CS <sub>118</sub> | 2008 10 10.0 | 01 02.49 -31 54.6 20.5 | -0.99 | - 1.0 | 9.6/27.3  | 02075 |
| 2006 EA <sub>40</sub>  | 2008 10 10.0 | 01 02.50 +12 24.6 21.1 | -0.93 | - 4.6 | 1.9/11.7  | 40161 |
| 2004 WV <sub>10</sub>  | 2008 10 10.0 | 01 02.50 +09 35.3 18.6 | -0.89 | - 2.3 | 1.4/10.8  | 43224 |
| 2006 AK <sub>16</sub>  | 2008 10 10.0 | 01 02.50 -12 57.5 19.6 | -0.79 | - 7.6 | 6.3/03.0  | 02268 |
| 2003 QK <sub>79</sub>  | 2008 10 10.0 | 01 02.55 +19 17.1 19.4 | -0.95 | - 1.7 | 4.8/13.6  | 43175 |
| 2006 DZ <sub>29</sub>  | 2008 10 10.0 | 01 02.60 +10 39.5 20.0 | -0.92 | - 3.6 | 1.3/11.2  | 03865 |
| 2000 EZ <sub>146</sub> | 2008 10 10.0 | 01 02.62 -16 37.6 19.8 | -0.72 | - 4.8 | 6.0/01.9  | 01996 |
| 2004 TF <sub>176</sub> | 2008 10 10.0 | 01 02.64 +02 51.7 18.3 | -0.85 | - 2.1 | 1.8/08.9  | 20808 |
| 2007 EB <sub>57</sub>  | 2008 10 10.0 | 01 02.65 -15 24.7 21.2 | -0.83 | - 9.8 | 6.3/02.1  | 19714 |
| 2004 XU <sub>62</sub>  | 2008 10 10.0 | 01 02.68 -02 16.7 19.2 | -0.87 | - 3.5 | 3.2/07.4  | 43225 |
| 2000 YS <sub>17</sub>  | 2008 10 10.0 | 01 02.68 -04 33.6 18.9 | -0.86 | - 3.8 | 4.6/06.6  | 43116 |
| 2006 HX <sub>93</sub>  | 2008 10 10.0 | 01 02.69 -09 41.0 20.9 | -0.71 | - 4.9 | 4.4/04.5  | 01711 |
| 2002 PB <sub>6</sub>   | 2008 10 10.0 | 01 02.70 -11 19.1 19.8 | -0.69 | - 8.0 | 5.5/03.4  | 75414 |
| 2006 FQ                | 2008 10 10.0 | 01 02.71 +04 35.5 20.8 | -0.98 | - 2.2 | 0.6/09.5  | 01499 |
| 2002 AC <sub>33</sub>  | 2008 10 10.0 | 01 02.73 -05 25.4 22.7 | -0.89 | - 6.0 | 4.0/06.2  | 94476 |
| 2007 EC <sub>74</sub>  | 2008 10 10.0 | 01 02.74 +09 28.2 20.2 | -0.94 | - 5.2 | 1.0/10.9  | 19404 |
| 1999 UR <sub>56</sub>  | 2008 10 10.0 | 01 02.75 +17 37.7 18.9 | -0.83 | - 7.0 | 3.8/13.8  | 43100 |
| 2005 WV <sub>48</sub>  | 2008 10 10.0 | 01 02.78 +03 35.6 20.6 | -1.03 | - 5.1 | 1.3/09.2  | 97987 |
| 2006 CO <sub>40</sub>  | 2008 10 10.0 | 01 02.82 +00 25.4 19.3 | -0.85 | - 4.5 | 2.3/08.1  | 43258 |
| 2001 YP <sub>80</sub>  | 2008 10 10.0 | 01 02.83 -06 31.3 19.1 | -0.91 | - 5.1 | 4.7/05.9  | 97538 |
| 2006 AW <sub>13</sub>  | 2008 10 10.0 | 01 02.84 -01 07.1 19.4 | -0.85 | - 5.5 | 3.0/07.6  | 19273 |
| 2003 UJ <sub>343</sub> | 2008 10 10.0 | 01 02.84 +07 06.6 20.5 | -0.76 | - 7.6 | 0.1/10.2  | 43192 |
| 2005 YW <sub>280</sub> | 2008 10 10.0 | 01 02.88 +10 08.8 20.8 | -0.98 | - 6.0 | 1.4/11.1  | 02268 |
| 2003 FQ                | 2008 10 10.0 | 01 02.89 -01 54.7 20.3 | -0.96 | - 4.4 | 3.0/07.6  | 20776 |
| 2004 RK <sub>253</sub> | 2008 10 10.0 | 01 02.90 +06 29.0 18.6 | -1.34 | + 3.0 | 0.1/10.0  | 20800 |
| 2000 FC <sub>48</sub>  | 2008 10 10.0 | 01 02.90 -05 44.6 20.2 | -0.99 | - 4.7 | 4.4/06.4  | 20733 |

|                        |              |                        |       |       |           |       |
|------------------------|--------------|------------------------|-------|-------|-----------|-------|
| 2003 UH <sub>171</sub> | 2008 10 10.1 | 01 02.85 +03 10.7 20.2 | -0.80 | - 4.9 | 1.1/09.0  | 43189 |
| 2005 CE <sub>79</sub>  | 2008 10 10.1 | 01 02.88 +13 55.5 20.0 | -0.84 | - 2.9 | 2.3/12.3  | 24006 |
| 2001 XW <sub>256</sub> | 2008 10 10.1 | 01 02.88 -11 39.3 19.8 | -0.86 | - 8.4 | 6.7/03.6  | 43141 |
| 2006 BP <sub>159</sub> | 2008 10 10.1 | 01 02.93 +10 19.7 20.6 | -0.85 | - 5.3 | 1.1/11.3  | 97096 |
| 2005 CD <sub>62</sub>  | 2008 10 10.1 | 01 02.93 -01 18.0 20.3 | -0.73 | - 4.4 | 2.2/07.5  | 02244 |
| 2007 GQ <sub>19</sub>  | 2008 10 10.1 | 01 02.93 +03 56.1 19.8 | -1.06 | - 2.9 | 1.1/09.4  | 22886 |
| 2002 QW <sub>32</sub>  | 2008 10 10.1 | 01 02.94 +14 28.8 19.5 | -0.85 | - 2.8 | 2.3/12.5  | 10892 |
| 2003 SA <sub>243</sub> | 2008 10 10.1 | 01 02.96 +03 31.8 19.7 | -0.82 | - 4.1 | 1.1/09.2  | 43181 |
| 2006 CL <sub>59</sub>  | 2008 10 10.1 | 01 02.97 +14 40.5 19.9 | -0.92 | - 3.5 | 2.5/12.5  | 02286 |
| 2000 SA <sub>325</sub> | 2008 10 10.1 | 01 02.98 +04 49.9 19.4 | -0.90 | - 5.1 | 0.7/09.6  | 02012 |
| 2004 VT <sub>81</sub>  | 2008 10 10.1 | 01 02.99 +11 16.7 19.6 | -0.82 | - 9.3 | 1.5/11.8  | 20812 |
| 2003 FF <sub>131</sub> | 2008 10 10.1 | 01 03.00 +03 53.8 21.0 | -0.94 | - 5.6 | 1.0/09.3  | 08705 |
| 2001 TB <sub>89</sub>  | 2008 10 10.1 | 01 03.01 +11 30.8 18.8 | -0.84 | - 9.3 | 2.1/11.8  | 20263 |
| 2002 JB <sub>78</sub>  | 2008 10 10.1 | 01 03.01 +05 08.4 20.3 | -0.90 | - 3.8 | 0.5/09.7  | 02103 |
| 2005 UL <sub>291</sub> | 2008 10 10.1 | 01 03.05 +07 55.5 19.4 | -1.11 | - 3.2 | 0.5/10.5  | 43239 |
| 1998 SP <sub>15</sub>  | 2008 10 10.1 | 01 03.05 +07 19.8 20.2 | -0.79 | - 5.4 | 0.2/10.3  | 01971 |
| 2005 YT <sub>176</sub> | 2008 10 10.1 | 01 03.05 +13 30.1 20.3 | -0.92 | - 5.5 | 2.4/12.3  | 98063 |
| 2004 TZ <sub>173</sub> | 2008 10 10.1 | 01 03.13 +16 46.1 16.9 | -1.13 | + 5.9 | 5.1/12.1  | 43217 |
| 2004 YQ <sub>20</sub>  | 2008 10 10.1 | 01 03.14 -02 18.0 20.0 | -0.73 | - 4.8 | 2.5/07.2  | 24450 |
| 2003 YL <sub>139</sub> | 2008 10 10.1 | 01 03.16 +08 24.7 18.1 | -0.89 | - 1.0 | 0.6/10.6  | 41804 |
| 2004 TS <sub>160</sub> | 2008 10 10.1 | 01 03.19 +04 56.4 19.4 | -0.95 | - 3.3 | 0.6/09.7  | 97759 |
| 2000 QD <sub>2</sub>   | 2008 10 10.1 | 01 03.20 -24 55.1 18.9 | -0.78 | -19.6 | 14.0/25.0 | 43106 |
| 2004 HP                | 2008 10 10.1 | 01 03.22 -02 13.3 18.1 | -1.13 | - 0.2 | 4.4/08.0  | 18070 |
| 2001 XE <sub>229</sub> | 2008 10 10.1 | 01 03.22 +04 26.9 21.0 | -0.62 | - 3.3 | 0.5/09.4  | 43140 |
| 2004 PZ <sub>75</sub>  | 2008 10 10.1 | 01 03.25 -23 53.1 19.9 | -0.91 | - 8.0 | 10.6/29.2 | 18080 |
| 2005 ET <sub>41</sub>  | 2008 10 10.1 | 01 03.25 +07 44.1 20.5 | -0.79 | - 4.7 | 0.3/10.5  | 76791 |
| 1998 AW <sub>1</sub>   | 2008 10 10.1 | 01 03.27 +14 32.0 20.8 | -0.93 | - 5.3 | 3.0/12.6  | 97332 |
| 2003 SN <sub>298</sub> | 2008 10 10.2 | 01 03.24 +06 19.2 19.2 | -0.74 | - 8.5 | 0.1/10.1  | 43183 |
| 2002 PQ <sub>154</sub> | 2008 10 10.2 | 01 03.25 -17 14.1 20.7 | -0.77 | - 4.3 | 6.6/02.4  | 21319 |
| 2002 RF <sub>234</sub> | 2008 10 10.2 | 01 03.31 -04 57.9 21.1 | -0.69 | - 6.5 | 3.0/06.2  | 00355 |
| 2002 PA <sub>92</sub>  | 2008 10 10.2 | 01 03.31 +20 25.4 19.2 | -0.71 | - 8.8 | 4.5/15.4  | 77619 |
| 2005 AS <sub>53</sub>  | 2008 10 10.2 | 01 03.31 -06 17.7 21.3 | -0.69 | - 5.5 | 3.3/05.8  | 77803 |
| 2004 TW <sub>348</sub> | 2008 10 10.2 | 01 03.36 -09 01.5 19.3 | -1.04 | + 1.1 | 6.4/06.4  | 19173 |
| 2005 YL <sub>229</sub> | 2008 10 10.2 | 01 03.39 -25 31.2 20.7 | -0.74 | - 3.5 | 7.9/28.8  | 21353 |
| 2005 XX <sub>79</sub>  | 2008 10 10.2 | 01 03.39 +08 35.4 20.0 | -0.93 | - 4.1 | 0.7/10.8  | 43246 |
| 2005 YH <sub>66</sub>  | 2008 10 10.2 | 01 03.39 +00 20.7 19.6 | -0.99 | - 4.9 | 2.7/08.3  | 43247 |
| 2006 FE <sub>38</sub>  | 2008 10 10.2 | 01 03.39 +05 33.2 19.6 | -0.88 | - 1.8 | 0.4/09.9  | 01542 |
| 2002 RO <sub>7</sub>   | 2008 10 10.2 | 01 03.39 -03 16.6 19.0 | -0.73 | - 5.3 | 3.4/06.9  | 43161 |
| 2003 UW <sub>280</sub> | 2008 10 10.2 | 01 03.41 +05 03.6 19.6 | -0.79 | - 4.6 | 0.5/09.7  | 26688 |
| 2003 WR <sub>6</sub>   | 2008 10 10.2 | 01 03.42 -11 35.6 19.8 | -0.92 | - 0.1 | 5.5/05.2  | 00661 |
| 2002 TP <sub>165</sub> | 2008 10 10.2 | 01 03.51 +32 23.0 18.9 | -0.88 | - 3.7 | 7.7/19.4  | 56674 |
| 2005 EK <sub>143</sub> | 2008 10 10.2 | 01 03.51 +05 51.3 20.3 | -0.74 | - 4.3 | 0.2/10.0  | 76912 |
| 2006 DF <sub>195</sub> | 2008 10 10.2 | 01 03.52 -14 49.2 20.4 | -0.84 | - 3.4 | 6.3/03.4  | 01441 |
| 2003 JW <sub>14</sub>  | 2008 10 10.2 | 01 03.52 +14 30.7 19.9 | -0.88 | - 8.1 | 2.4/12.9  | 75868 |
| 2002 BF <sub>15</sub>  | 2008 10 10.2 | 01 03.57 +02 46.6 19.8 | -0.85 | - 6.6 | 1.3/09.0  | 02068 |
| 2004 RU <sub>254</sub> | 2008 10 10.2 | 01 03.63 -06 08.8 19.7 | -0.93 | - 3.4 | 5.2/06.5  | 20800 |
| 2001 UQ <sub>164</sub> | 2008 10 10.2 | 01 03.63 -02 21.9 18.5 | -0.88 | - 5.0 | 4.3/07.4  | 19553 |
| 2007 EE <sub>198</sub> | 2008 10 10.2 | 01 03.64 +01 22.9 20.7 | -0.96 | - 6.3 | 2.0/08.6  | 43277 |
| 2002 AN <sub>20</sub>  | 2008 10 10.2 | 01 03.65 +11 12.6 18.5 | -1.01 | - 2.5 | 2.1/11.5  | 02061 |
| 2000 WV <sub>20</sub>  | 2008 10 10.3 | 01 03.55 +12 08.6 19.1 | -0.75 | - 9.9 | 2.2/12.3  | 74049 |
| 2003 UJ <sub>147</sub> | 2008 10 10.3 | 01 03.56 -15 04.9 19.3 | -0.89 | - 1.5 | 7.4/03.6  | 02184 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2002 QV <sub>90</sub>  | 2008 10 10.3 | 01 03.57 +04 14.0 19.5 | -0.81 - 2.5 | 0.8/09.6 | 43160 |
| 2006 GC <sub>42</sub>  | 2008 10 10.3 | 01 03.58 +14 52.6 20.8 | -0.69 - 7.5 | 2.1/13.2 | 01597 |
| 2005 EB <sub>190</sub> | 2008 10 10.3 | 01 03.59 +08 43.2 21.2 | -0.72 - 4.9 | 0.5/10.9 | 00934 |
| 2004 TC <sub>281</sub> | 2008 10 10.3 | 01 03.60 +01 30.1 20.4 | -0.86 - 5.1 | 1.8/08.7 | 43219 |
| 2001 VZ <sub>39</sub>  | 2008 10 10.3 | 01 03.60 +19 55.5 19.0 | -0.91 - 8.7 | 5.3/14.8 | 94263 |
| 2003 UA <sub>248</sub> | 2008 10 10.3 | 01 03.60 +07 27.9 20.0 | -0.79 - 4.8 | 0.2/10.5 | 02188 |
| 2001 TO <sub>179</sub> | 2008 10 10.3 | 01 03.61 +10 05.0 19.4 | -1.00 - 5.2 | 1.4/11.3 | 02046 |
| 2005 WO <sub>188</sub> | 2008 10 10.3 | 01 03.61 -00 55.4 20.1 | -0.81 - 5.5 | 2.5/07.8 | 09464 |
| 2003 GW <sub>27</sub>  | 2008 10 10.3 | 01 03.62 +08 33.3 19.9 | -0.94 - 5.3 | 0.6/10.9 | 43171 |
| 2001 BZ <sub>62</sub>  | 2008 10 10.3 | 01 03.64 +17 20.7 19.4 | -0.95 - 3.0 | 3.7/13.4 | 48007 |
| 2002 CG <sub>218</sub> | 2008 10 10.3 | 01 03.66 +02 37.7 20.6 | -0.87 - 5.4 | 1.4/09.0 | 43148 |
| 2003 UY <sub>296</sub> | 2008 10 10.3 | 01 03.67 +11 26.0 19.9 | -0.72 - 6.7 | 1.3/11.9 | 22760 |
| 2002 QM <sub>83</sub>  | 2008 10 10.3 | 01 03.67 +21 42.1 20.0 | -0.84 - 3.2 | 4.9/15.0 | 03364 |
| 2006 BY <sub>182</sub> | 2008 10 10.3 | 01 03.68 -08 30.0 18.7 | -0.73 - 6.6 | 5.2/05.1 | 43256 |
| 2003 UT <sub>296</sub> | 2008 10 10.3 | 01 03.68 +05 45.6 19.1 | -0.78 - 5.3 | 0.3/10.0 | 02190 |
| 2006 HX <sub>38</sub>  | 2008 10 10.3 | 01 03.70 -07 01.0 19.8 | -0.77 - 2.9 | 3.9/06.1 | 01654 |
| 2007 GO <sub>36</sub>  | 2008 10 10.3 | 01 03.71 -03 33.1 20.5 | -0.98 - 2.1 | 3.6/07.5 | 20609 |
| 2006 SF <sub>371</sub> | 2008 10 10.3 | 01 03.72 +16 28.7 20.4 | -0.48 - 4.7 | 1.7/13.9 | 24501 |
| 2003 SD <sub>153</sub> | 2008 10 10.3 | 01 03.74 -03 53.2 19.1 | -0.83 - 3.5 | 3.6/07.1 | 18060 |
| 2000 DY <sub>24</sub>  | 2008 10 10.3 | 01 03.79 -04 06.4 19.7 | -0.93 - 8.2 | 4.0/06.8 | 19520 |
| 2002 CR <sub>21</sub>  | 2008 10 10.3 | 01 03.80 -01 26.1 18.6 | -0.83 - 6.3 | 3.6/07.7 | 43145 |
| 2006 HO <sub>65</sub>  | 2008 10 10.3 | 01 03.82 +11 11.7 20.9 | -0.73 - 7.6 | 1.3/11.9 | 31436 |
| 2006 DO <sub>206</sub> | 2008 10 10.3 | 01 03.83 +06 19.4 18.9 | -0.80 - 7.1 | 0.2/10.2 | 11163 |
| 1999 UB <sub>12</sub>  | 2008 10 10.3 | 01 03.84 +01 24.5 20.1 | -0.86 - 3.8 | 1.7/08.7 | 43100 |
| 2003 UJ <sub>95</sub>  | 2008 10 10.3 | 01 03.86 -03 12.8 18.5 | -0.84 - 1.8 | 4.0/07.5 | 57015 |
| 2005 YB <sub>113</sub> | 2008 10 10.3 | 01 03.87 +01 04.2 20.8 | -0.93 - 5.8 | 2.0/08.6 | 01179 |
| 2006 DA <sub>63</sub>  | 2008 10 10.3 | 01 03.90 +05 20.9 20.1 | -0.93 - 2.7 | 0.4/10.0 | 11160 |
| 2006 BX <sub>54</sub>  | 2008 10 10.3 | 01 03.90 +06 19.2 19.7 | -0.85 - 6.6 | 0.2/10.2 | 21354 |
| 2003 QD <sub>7</sub>   | 2008 10 10.3 | 01 03.92 +10 34.6 18.6 | -0.87 - 3.7 | 1.4/11.5 | 02153 |
| 2001 CQ <sub>45</sub>  | 2008 10 10.3 | 01 03.95 -19 06.0 18.9 | -0.88 - 3.2 | 9.0/01.7 | 43118 |
| 2005 WG <sub>102</sub> | 2008 10 10.3 | 01 03.96 -02 46.7 19.7 | -1.01 - 5.1 | 4.1/07.5 | 97999 |
| 2002 QV <sub>66</sub>  | 2008 10 10.3 | 01 04.01 +14 45.5 19.2 | -0.86 - 2.4 | 2.5/12.8 | 72701 |
| 2000 SX <sub>231</sub> | 2008 10 10.4 | 01 03.93 -00 20.2 18.3 | -0.76 -15.6 | 2.8/07.6 | 43110 |
| 2002 PT <sub>103</sub> | 2008 10 10.4 | 01 03.95 +05 19.1 19.2 | -0.68 - 8.5 | 0.5/09.9 | 43158 |
| 2003 MJ <sub>1</sub>   | 2008 10 10.4 | 01 03.95 -01 13.7 20.4 | -0.82 -13.1 | 2.3/07.4 | 24394 |
| 2005 XM <sub>82</sub>  | 2008 10 10.4 | 01 03.96 -04 10.2 20.5 | -1.05 - 3.1 | 4.4/07.4 | 43246 |
| 2000 EY <sub>44</sub>  | 2008 10 10.4 | 01 03.99 +12 04.9 19.6 | -1.09 - 3.7 | 2.1/11.9 | 43104 |
| 2007 RL <sub>6</sub>   | 2008 10 10.4 | 01 03.99 +14 46.9 19.3 | -0.52 - 3.3 | 1.6/13.2 | 26784 |
| 2004 RH <sub>351</sub> | 2008 10 10.4 | 01 04.02 +06 46.3 20.4 | -0.93 - 6.2 | 0.0/10.4 | 43213 |
| 2001 CQ <sub>48</sub>  | 2008 10 10.4 | 01 04.04 +11 49.6 19.3 | -0.89 - 4.7 | 2.0/12.0 | 74077 |
| 5134 T-2               | 2008 10 10.4 | 01 04.08 +20 20.2 19.0 | -0.95 - 3.5 | 5.1/14.6 | 43320 |
| 2003 FB <sub>39</sub>  | 2008 10 10.4 | 01 04.15 +01 52.5 20.6 | -0.95 - 5.4 | 1.7/08.9 | 97644 |
| 2006 CN <sub>49</sub>  | 2008 10 10.4 | 01 04.15 -01 55.3 20.3 | -0.92 - 7.7 | 3.5/07.6 | 43258 |
| 2003 UU <sub>215</sub> | 2008 10 10.4 | 01 04.18 +05 51.8 18.7 | -0.71 - 9.6 | 0.3/10.1 | 43190 |
| 2003 UK <sub>160</sub> | 2008 10 10.4 | 01 04.19 +07 49.0 19.9 | -0.79 - 4.9 | 0.3/10.8 | 43189 |
| 2004 HD <sub>37</sub>  | 2008 10 10.4 | 01 04.20 +00 32.8 20.2 | -1.07 - 3.6 | 2.6/08.7 | 26000 |
| 2003 UU <sub>174</sub> | 2008 10 10.4 | 01 04.21 +03 41.9 19.6 | -0.81 - 3.8 | 0.9/09.5 | 43189 |
| 2004 RJ <sub>48</sub>  | 2008 10 10.4 | 01 04.23 +03 50.1 19.9 | -0.95 - 4.9 | 1.2/09.6 | 18085 |
| 2001 FY <sub>185</sub> | 2008 10 10.4 | 01 04.25 +00 26.7 18.3 | -0.85 - 2.8 | 2.1/08.6 | 43120 |
| 2006 DF <sub>19</sub>  | 2008 10 10.4 | 01 04.25 +01 29.5 20.1 | -0.85 - 4.7 | 1.8/08.8 | 03863 |
| 2003 OJ <sub>3</sub>   | 2008 10 10.4 | 01 04.26 +29 56.8 19.3 | -0.87 - 5.9 | 8.5/18.9 | 95020 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2003 UE <sub>19</sub>  | 2008 10 10.4 | 01 04.28 +13 28.5 20.5 | -0.75 - 7.6 | 2.3/12.8 | 57988 |
| 2003 WL <sub>28</sub>  | 2008 10 10.4 | 01 04.31 +01 49.8 19.7 | -0.81 - 2.5 | 1.4/09.0 | 43193 |
| 2002 FV <sub>8</sub>   | 2008 10 10.4 | 01 04.33 +19 07.2 19.0 | -0.97 - 3.7 | 4.3/14.2 | 02090 |
| 2004 RR <sub>276</sub> | 2008 10 10.4 | 01 04.34 +14 42.7 19.6 | -1.02 - 2.8 | 3.3/12.7 | 02212 |
| 2001 TW <sub>55</sub>  | 2008 10 10.4 | 01 04.35 +02 27.5 18.7 | -0.83 - 8.3 | 2.1/09.0 | 17420 |
| 2007 EO <sub>198</sub> | 2008 10 10.5 | 01 04.29 +24 24.8 19.1 | -1.20 - 0.0 | 5.7/15.3 | 43277 |
| 2003 UN <sub>247</sub> | 2008 10 10.5 | 01 04.30 -05 27.0 19.2 | -0.84 - 2.1 | 3.7/06.9 | 22759 |
| 2001 WF <sub>27</sub>  | 2008 10 10.5 | 01 04.32 -03 07.5 18.5 | -0.91 - 5.5 | 4.5/07.3 | 94297 |
| 2003 DR <sub>4</sub>   | 2008 10 10.5 | 01 04.33 -11 10.6 20.2 | -0.64 - 3.1 | 4.1/04.4 | 47307 |
| 2006 EY <sub>28</sub>  | 2008 10 10.5 | 01 04.35 +03 31.4 21.2 | -0.83 - 6.4 | 1.1/09.4 | 02305 |
| 2006 BT <sub>85</sub>  | 2008 10 10.5 | 01 04.35 +05 21.0 20.1 | -0.98 - 5.2 | 0.6/10.1 | 11155 |
| 2002 TE <sub>69</sub>  | 2008 10 10.5 | 01 04.36 +25 09.3 18.4 | -0.73 -13.6 | 5.9/18.2 | 40108 |
| 2003 UB <sub>247</sub> | 2008 10 10.5 | 01 04.37 +06 18.7 19.0 | -0.73 - 6.5 | 0.2/10.3 | 43191 |
| 2003 XF <sub>6</sub>   | 2008 10 10.5 | 01 04.38 +22 25.9 19.2 | -0.86 - 3.1 | 5.4/15.3 | 43196 |
| 2007 QK <sub>5</sub>   | 2008 10 10.5 | 01 04.42 +20 28.7 19.2 | -0.62 - 1.1 | 2.6/14.9 | 43286 |
| 2007 JR <sub>30</sub>  | 2008 10 10.5 | 01 04.44 +02 57.8 19.7 | -0.80 - 4.8 | 1.2/09.3 | 21368 |
| 2002 ER <sub>87</sub>  | 2008 10 10.5 | 01 04.48 -00 17.6 19.1 | -0.82 - 6.1 | 2.4/08.2 | 43150 |
| 2005 AS <sub>77</sub>  | 2008 10 10.5 | 01 04.49 -09 24.6 20.5 | -0.72 - 4.4 | 4.5/05.2 | 02240 |
| 2001 YG <sub>72</sub>  | 2008 10 10.5 | 01 04.50 +06 16.5 20.2 | -0.97 - 4.7 | 0.2/10.4 | 08190 |
| 2003 FW <sub>20</sub>  | 2008 10 10.5 | 01 04.51 +01 27.5 20.5 | -0.90 - 6.1 | 1.8/08.8 | 22730 |
| 2006 AO <sub>42</sub>  | 2008 10 10.5 | 01 04.53 +34 26.4 19.7 | -1.05 - 4.0 | 9.6/20.3 | 96928 |
| 2004 RJ <sub>61</sub>  | 2008 10 10.5 | 01 04.54 +05 29.8 19.1 | -0.85 - 8.1 | 0.5/10.1 | 21340 |
| 2004 TV <sub>2</sub>   | 2008 10 10.5 | 01 04.56 +07 36.0 19.5 | -0.93 - 4.3 | 0.2/10.8 | 43214 |
| 2003 UK <sub>106</sub> | 2008 10 10.5 | 01 04.57 -00 29.4 19.9 | -0.86 - 2.2 | 2.3/08.4 | 10996 |
| 2002 QQ <sub>82</sub>  | 2008 10 10.5 | 01 04.62 +19 37.1 20.7 | -0.80 - 4.6 | 3.8/14.8 | 03363 |
| 2006 EC <sub>18</sub>  | 2008 10 10.5 | 01 04.64 +03 05.9 20.9 | -0.78 - 4.3 | 1.1/09.4 | 43264 |
| 2001 UH <sub>151</sub> | 2008 10 10.5 | 01 04.71 +01 08.1 19.1 | -0.93 - 6.6 | 2.5/08.8 | 43134 |
| 2002 EN <sub>27</sub>  | 2008 10 10.5 | 01 04.72 +08 00.5 21.3 | -0.89 - 4.5 | 0.3/10.9 | 94685 |
| 2006 JS <sub>2</sub>   | 2008 10 10.5 | 01 04.73 -04 04.1 18.8 | -0.95 + 0.6 | 3.7/07.8 | 43268 |
| 2002 PU <sub>16</sub>  | 2008 10 10.6 | 01 04.66 +13 49.2 18.2 | -0.77 - 5.4 | 2.4/13.0 | 43157 |
| 2005 YO <sub>96</sub>  | 2008 10 10.6 | 01 04.70 +00 08.9 18.3 | -0.91 - 1.6 | 3.6/08.7 | 19679 |
| 2003 QS <sub>110</sub> | 2008 10 10.6 | 01 04.71 +04 52.9 18.4 | -0.96 - 1.0 | 0.8/10.1 | 43175 |
| 2001 UP <sub>152</sub> | 2008 10 10.6 | 01 04.75 +09 17.2 19.9 | -0.91 - 7.5 | 0.8/11.4 | 97496 |
| 2007 KS <sub>8</sub>   | 2008 10 10.6 | 01 04.76 +12 37.9 19.3 | -0.78 - 9.5 | 1.8/13.0 | 22592 |
| 2001 TH <sub>136</sub> | 2008 10 10.6 | 01 04.77 +18 48.5 18.8 | -0.76 -12.8 | 5.4/15.3 | 23827 |
| 2001 SO <sub>145</sub> | 2008 10 10.6 | 01 04.80 +09 11.7 18.3 | -0.84 - 9.5 | 1.0/11.4 | 20746 |
| 2006 DU <sub>89</sub>  | 2008 10 10.6 | 01 04.85 +10 03.5 20.2 | -0.86 - 5.0 | 1.1/11.6 | 01391 |
| 2005 CD <sub>17</sub>  | 2008 10 10.6 | 01 04.87 +18 20.1 20.5 | -0.81 - 3.7 | 3.3/14.3 | 11079 |
| 2003 WD <sub>170</sub> | 2008 10 10.6 | 01 04.88 -07 12.5 19.2 | -0.71 - 5.9 | 4.5/05.8 | 43195 |
| 2006 HS <sub>104</sub> | 2008 10 10.6 | 01 04.89 -16 49.2 20.6 | -0.76 - 2.3 | 5.7/03.1 | 04374 |
| 2006 JE <sub>64</sub>  | 2008 10 10.6 | 01 04.90 +09 58.5 20.9 | -0.87 - 3.8 | 1.0/11.6 | 04376 |
| 2006 CR <sub>26</sub>  | 2008 10 10.6 | 01 04.90 +09 46.4 22.0 | -0.97 - 5.4 | 1.1/11.5 | 38086 |
| 2006 ES <sub>23</sub>  | 2008 10 10.6 | 01 04.94 +08 10.7 21.3 | -0.94 - 5.2 | 0.5/11.0 | 19289 |
| 2000 SO <sub>275</sub> | 2008 10 10.6 | 01 04.97 -06 24.8 17.5 | -1.04 + 0.3 | 5.9/07.2 | 02011 |
| 2005 VD <sub>38</sub>  | 2008 10 10.6 | 01 04.99 +04 09.9 19.5 | -0.93 - 8.5 | 1.2/09.8 | 18152 |
| 2006 DL <sub>39</sub>  | 2008 10 10.6 | 01 05.02 +06 23.2 20.2 | -0.81 - 4.3 | 0.2/10.5 | 02290 |
| 2002 GA <sub>20</sub>  | 2008 10 10.6 | 01 05.03 +10 38.4 19.9 | -0.81 - 7.0 | 1.1/11.9 | 02092 |
| 2004 SW <sub>25</sub>  | 2008 10 10.6 | 01 05.05 +07 43.5 19.1 | -0.84 - 7.7 | 0.3/11.0 | 19155 |
| 2002 AP <sub>172</sub> | 2008 10 10.6 | 01 05.05 +01 02.1 20.3 | -0.93 - 5.2 | 2.2/08.9 | 43144 |
| 2000 YX <sub>112</sub> | 2008 10 10.6 | 01 05.07 +01 32.1 19.5 | -0.90 - 4.6 | 2.1/09.0 | 43117 |
| 2004 VY <sub>8</sub>   | 2008 10 10.6 | 01 05.13 +21 26.7 19.3 | -1.06 - 0.7 | 6.1/14.6 | 95593 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1999 XE <sub>19</sub>  | 2008 10 10.7 | 01 05.05 -02 32.2 17.7 | -0.98 + 1.0 | 4.2/08.4  | 10718 |
| 2003 WO <sub>67</sub>  | 2008 10 10.7 | 01 05.10 +03 00.7 20.2 | -0.79 - 3.4 | 1.2/09.5  | 14054 |
| 2006 EV <sub>60</sub>  | 2008 10 10.7 | 01 05.11 +00 08.4 19.4 | -0.73 -13.7 | 2.3/08.1  | 11164 |
| 2002 CJ <sub>294</sub> | 2008 10 10.7 | 01 05.12 +13 51.7 20.8 | -0.97 - 3.1 | 2.1/12.7  | 00189 |
| 2003 UO <sub>99</sub>  | 2008 10 10.7 | 01 05.14 -13 49.7 19.2 | -0.77 - 3.5 | 6.4/03.9  | 02182 |
| 2003 SC <sub>156</sub> | 2008 10 10.7 | 01 05.14 +05 33.8 19.1 | -0.75 - 6.9 | 0.5/10.3  | 10985 |
| 1999 VM <sub>148</sub> | 2008 10 10.7 | 01 05.15 +12 35.2 18.9 | -0.81 - 6.4 | 2.0/12.6  | 97361 |
| 2007 KO <sub>7</sub>   | 2008 10 10.7 | 01 05.17 +13 48.7 20.7 | -0.98 - 5.5 | 2.3/13.0  | 20679 |
| 2004 TV <sub>173</sub> | 2008 10 10.7 | 01 05.19 -15 34.2 18.6 | -1.44 + 4.8 | 9.0/06.0  | 42723 |
| 2007 GV <sub>40</sub>  | 2008 10 10.7 | 01 05.21 +10 15.9 20.4 | -0.88 - 8.5 | 1.2/11.9  | 19490 |
| 2006 DW <sub>22</sub>  | 2008 10 10.7 | 01 05.25 -00 31.3 20.3 | -0.79 - 5.7 | 2.5/08.3  | 43259 |
| 2005 WX <sub>3</sub>   | 2008 10 10.7 | 01 05.26 -17 07.7 17.6 | -1.78 +18.7 | 13.5/10.4 | 43243 |
| 2007 GS <sub>16</sub>  | 2008 10 10.7 | 01 05.27 +01 36.0 19.5 | -1.07 + 0.7 | 2.2/09.5  | 20862 |
| 1999 JL <sub>111</sub> | 2008 10 10.7 | 01 05.27 -05 30.4 20.3 | -0.92 - 4.3 | 4.3/07.1  | 19515 |
| 2005 YL <sub>82</sub>  | 2008 10 10.7 | 01 05.29 -12 26.0 20.2 | -0.87 - 4.7 | 6.6/04.6  | 20830 |
| 2007 KT <sub>7</sub>   | 2008 10 10.7 | 01 05.30 +19 44.2 20.6 | -0.89 - 5.5 | 3.9/15.0  | 21703 |
| 2004 PG <sub>60</sub>  | 2008 10 10.7 | 01 05.31 +02 08.5 19.0 | -0.81 - 9.4 | 2.0/09.1  | 21339 |
| 2004 XS <sub>131</sub> | 2008 10 10.7 | 01 05.37 -04 15.1 18.6 | -0.91 - 1.8 | 4.0/07.7  | 43226 |
| 2002 EM <sub>85</sub>  | 2008 10 10.7 | 01 05.38 +11 27.3 19.7 | -1.00 - 2.5 | 1.6/12.0  | 02086 |
| 2005 YO <sub>34</sub>  | 2008 10 10.7 | 01 05.42 +01 33.8 19.6 | -0.90 - 6.4 | 2.1/09.1  | 02264 |
| 2004 PW <sub>21</sub>  | 2008 10 10.7 | 01 05.43 -05 53.8 19.2 | -0.82 - 5.9 | 5.9/06.6  | 09048 |
| 2003 OO <sub>1</sub>   | 2008 10 10.7 | 01 05.45 +25 02.4 19.8 | -0.94 - 5.2 | 5.8/16.8  | 21328 |
| 2005 UH <sub>246</sub> | 2008 10 10.7 | 01 05.46 -02 41.0 20.7 | -1.03 - 4.9 | 3.9/08.0  | 20821 |
| 2005 BY <sub>9</sub>   | 2008 10 10.7 | 01 05.46 +13 36.1 19.3 | -0.87 - 3.7 | 2.3/12.8  | 76617 |
| 2003 FY <sub>14</sub>  | 2008 10 10.7 | 01 05.46 +07 57.5 19.4 | -1.01 - 3.6 | 0.4/11.1  | 43169 |
| 2003 HL <sub>27</sub>  | 2008 10 10.8 | 01 05.41 -02 13.9 20.4 | -0.94 - 4.7 | 3.0/08.0  | 94990 |
| 2005 YN <sub>108</sub> | 2008 10 10.8 | 01 05.41 +06 04.7 20.6 | -0.94 - 6.5 | 0.3/10.5  | 43248 |
| 2002 GJ <sub>48</sub>  | 2008 10 10.8 | 01 05.48 +07 20.7 21.7 | -0.87 - 5.2 | 0.1/10.9  | 02093 |
| 2006 FH <sub>6</sub>   | 2008 10 10.8 | 01 05.53 -07 02.2 19.8 | -0.72 - 7.4 | 4.0/05.9  | 01505 |
| 2006 DB <sub>164</sub> | 2008 10 10.8 | 01 05.53 +12 44.9 20.8 | -0.87 - 4.5 | 1.8/12.6  | 03875 |
| 2003 HB <sub>28</sub>  | 2008 10 10.8 | 01 05.55 +12 50.6 20.5 | -0.91 - 7.2 | 2.0/12.7  | 70362 |
| 1997 TA <sub>24</sub>  | 2008 10 10.8 | 01 05.55 +05 58.0 19.9 | -0.98 - 4.5 | 0.4/10.5  | 43093 |
| 2006 HK <sub>101</sub> | 2008 10 10.8 | 01 05.57 +12 57.7 20.3 | -0.70 - 7.8 | 1.6/13.0  | 03905 |
| 2003 SP <sub>5</sub>   | 2008 10 10.8 | 01 05.62 +09 14.8 20.7 | -0.86 - 3.8 | 0.8/11.5  | 22441 |
| 2001 YC <sub>146</sub> | 2008 10 10.8 | 01 05.67 +12 07.2 19.9 | -0.96 - 5.0 | 1.8/12.4  | 25841 |
| 2003 WV <sub>36</sub>  | 2008 10 10.8 | 01 05.68 +21 34.8 19.6 | -0.79 - 5.1 | 4.4/15.8  | 21337 |
| 1997 TO <sub>9</sub>   | 2008 10 10.8 | 01 05.70 +09 52.7 20.5 | -0.89 - 7.7 | 1.0/11.8  | 70214 |
| 2000 WF <sub>182</sub> | 2008 10 10.8 | 01 05.70 -12 26.2 19.3 | -0.85 - 7.9 | 7.0/03.8  | 97420 |
| 2004 GO <sub>87</sub>  | 2008 10 10.8 | 01 05.71 -39 16.3 18.9 | -1.36 +12.0 | 22.7/06.0 | 43200 |
| 2002 FE <sub>20</sub>  | 2008 10 10.8 | 01 05.71 -06 53.3 20.4 | -0.88 - 4.2 | 4.3/06.6  | 43152 |
| 2004 TR <sub>42</sub>  | 2008 10 10.8 | 01 05.75 +10 50.6 19.7 | -0.95 - 5.0 | 1.5/12.1  | 43214 |
| 2004 XG <sub>77</sub>  | 2008 10 10.8 | 01 05.81 -02 16.7 18.4 | -0.86 - 3.8 | 3.8/08.1  | 43225 |
| 2003 WM <sub>166</sub> | 2008 10 10.8 | 01 05.85 +47 36.2 18.5 | -1.05 - 9.4 | 19.1/31.0 | 18064 |
| 2001 SK <sub>187</sub> | 2008 10 10.9 | 01 05.77 +07 04.6 18.8 | -0.83 - 5.0 | 0.0/10.9  | 94091 |
| 2001 AX <sub>51</sub>  | 2008 10 10.9 | 01 05.77 +21 18.5 18.6 | -0.83 - 8.8 | 5.4/16.0  | 74071 |
| 2006 DX <sub>112</sub> | 2008 10 10.9 | 01 05.80 +15 10.5 20.4 | -0.98 - 1.8 | 2.5/13.2  | 02296 |
| 2005 EE <sub>23</sub>  | 2008 10 10.9 | 01 05.81 +05 19.3 19.8 | -0.73 - 5.0 | 0.5/10.4  | 02245 |
| 2007 GP <sub>7</sub>   | 2008 10 10.9 | 01 05.82 +06 02.1 20.6 | -0.97 - 8.7 | 0.4/10.6  | 20595 |
| 2004 TH <sub>261</sub> | 2008 10 10.9 | 01 05.82 +06 24.4 19.8 | -0.83 -10.4 | 0.2/10.7  | 43219 |
| 2003 QR <sub>31</sub>  | 2008 10 10.9 | 01 05.84 +11 00.4 19.3 | -0.84 - 5.2 | 1.4/12.2  | 43174 |
| 2000 GE <sub>115</sub> | 2008 10 10.9 | 01 05.84 +01 39.5 20.1 | -0.96 - 6.5 | 1.9/09.3  | 20734 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 NU <sub>60</sub>  | 2008 10 10.9 | 01 05.85 -09 31.5 19.1 | -0.72 - 5.5 | 5.3/05.3  | 00295 |
| 2002 RD <sub>234</sub> | 2008 10 10.9 | 01 05.85 +07 01.4 20.3 | -0.75 - 4.7 | 0.0/10.9  | 43162 |
| 2003 WU <sub>73</sub>  | 2008 10 10.9 | 01 05.87 +26 22.1 18.3 | -0.88 - 2.4 | 7.3/17.1  | 31319 |
| 2001 TV <sub>98</sub>  | 2008 10 10.9 | 01 05.94 +08 27.9 18.9 | -0.87 - 9.4 | 0.6/11.4  | 43131 |
| 2004 XO <sub>79</sub>  | 2008 10 10.9 | 01 05.94 -03 20.2 19.1 | -0.83 - 4.5 | 3.5/07.7  | 11075 |
| 2004 TG <sub>52</sub>  | 2008 10 10.9 | 01 05.97 +10 20.4 19.5 | -0.85 - 6.9 | 1.3/12.0  | 41816 |
| 2002 EP <sub>128</sub> | 2008 10 10.9 | 01 05.98 +12 02.3 18.8 | -0.97 - 2.6 | 2.1/12.4  | 43151 |
| 2006 BS <sub>133</sub> | 2008 10 10.9 | 01 05.99 +07 23.5 20.0 | -0.88 - 4.9 | 0.1/11.1  | 43255 |
| 2002 QY <sub>108</sub> | 2008 10 10.9 | 01 06.00 +08 35.0 20.2 | -0.76 - 4.9 | 0.5/11.5  | 43160 |
| 2007 JB <sub>8</sub>   | 2008 10 10.9 | 01 06.00 -02 40.1 19.6 | -1.08 - 1.9 | 4.4/08.4  | 41345 |
| 2003 QS <sub>3</sub>   | 2008 10 10.9 | 01 06.00 +17 39.8 18.1 | -0.91 - 1.8 | 4.6/14.1  | 42639 |
| 2007 PU <sub>43</sub>  | 2008 10 10.9 | 01 06.02 +15 11.4 19.4 | -0.51 - 3.2 | 1.5/13.8  | 41876 |
| 2000 FE <sub>64</sub>  | 2008 10 10.9 | 01 06.02 +04 16.5 20.2 | -0.81 - 2.2 | 0.8/10.2  | 43105 |
| 2004 XD <sub>121</sub> | 2008 10 10.9 | 01 06.04 +01 58.4 19.2 | -0.84 - 5.6 | 1.9/09.3  | 77795 |
| 2003 YW <sub>148</sub> | 2008 10 10.9 | 01 06.06 -01 32.3 18.4 | -0.82 - 1.4 | 2.6/08.5  | 57570 |
| 2006 HN <sub>28</sub>  | 2008 10 10.9 | 01 06.08 -08 45.3 22.3 | -0.67 - 5.6 | 3.7/05.5  | 02322 |
| 2003 WE <sub>144</sub> | 2008 10 10.9 | 01 06.10 +03 51.6 19.7 | -0.77 - 4.4 | 1.0/10.0  | 02195 |
| 2006 KZ <sub>13</sub>  | 2008 10 10.9 | 01 06.12 +01 25.4 19.9 | -0.67 - 8.4 | 1.6/09.0  | 11171 |
| 2006 DC <sub>36</sub>  | 2008 10 10.9 | 01 06.13 +05 44.2 21.0 | -0.77 - 5.2 | 0.4/10.6  | 01347 |
| 2006 BN <sub>11</sub>  | 2008 10 10.9 | 01 06.14 +28 03.5 19.6 | -1.01 - 2.7 | 7.0/17.6  | 96984 |
| 2002 TX <sub>165</sub> | 2008 10 10.9 | 01 06.17 +27 28.0 19.7 | -0.77 - 6.4 | 5.9/18.5  | 94859 |
| 2003 ET <sub>22</sub>  | 2008 10 11.0 | 01 06.15 +02 03.1 20.2 | -0.99 - 5.1 | 1.8/09.5  | 97640 |
| 2003 SK <sub>255</sub> | 2008 10 11.0 | 01 06.15 +19 32.2 21.9 | -0.78 - 4.7 | 3.2/15.1  | 86122 |
| 2007 GA <sub>1</sub>   | 2008 10 11.0 | 01 06.17 -12 51.0 19.4 | -1.03 + 0.5 | 7.4/06.1  | 43279 |
| 1997 SM <sub>6</sub>   | 2008 10 11.0 | 01 06.17 +16 36.5 19.6 | -0.89 - 2.1 | 2.9/13.8  | 74560 |
| 2002 QA <sub>80</sub>  | 2008 10 11.0 | 01 06.17 +10 01.8 20.1 | -0.81 - 3.5 | 0.9/11.9  | 43160 |
| 2000 QW <sub>165</sub> | 2008 10 11.0 | 01 06.17 +16 30.5 18.6 | -0.89 - 7.1 | 3.9/14.2  | 43107 |
| 2006 JB <sub>36</sub>  | 2008 10 11.0 | 01 06.21 -07 14.7 20.9 | -0.75 - 2.9 | 3.7/06.6  | 01759 |
| 2004 RW <sub>322</sub> | 2008 10 11.0 | 01 06.23 +12 18.8 17.9 | -0.58 -17.1 | 2.4/13.3  | 42715 |
| 2003 WG <sub>99</sub>  | 2008 10 11.0 | 01 06.26 -21 49.1 20.0 | -0.95 + 0.3 | 7.9/02.5  | 76229 |
| 2001 PS <sub>17</sub>  | 2008 10 11.0 | 01 06.27 -04 50.5 19.0 | -1.07 - 0.9 | 5.6/08.1  | 43121 |
| 2007 GJ <sub>31</sub>  | 2008 10 11.0 | 01 06.27 +05 14.7 20.2 | -0.95 - 5.1 | 0.6/10.5  | 22887 |
| 1996 GV <sub>8</sub>   | 2008 10 11.0 | 01 06.39 +00 48.7 19.6 | -0.90 - 1.4 | 2.3/09.3  | 22656 |
| 2000 XQ <sub>4</sub>   | 2008 10 11.0 | 01 06.45 +12 14.0 18.3 | -1.03 + 0.9 | 2.4/12.3  | 43115 |
| 2002 TO <sub>84</sub>  | 2008 10 11.0 | 01 06.46 +03 06.0 19.1 | -0.74 - 4.6 | 1.2/09.8  | 43164 |
| 2002 GX <sub>38</sub>  | 2008 10 11.0 | 01 06.49 +05 05.7 19.5 | -0.76 - 9.3 | 0.6/10.4  | 43152 |
| 2006 JJ <sub>50</sub>  | 2008 10 11.0 | 01 06.50 +07 33.4 21.6 | -0.74 - 4.5 | 0.1/11.2  | 01772 |
| 2001 QW <sub>333</sub> | 2008 10 11.0 | 01 06.50 +10 51.7 17.7 | -1.21 + 5.9 | 2.1/11.8  | 43124 |
| 2003 HC <sub>6</sub>   | 2008 10 11.0 | 01 06.51 +07 15.5 21.5 | -0.92 - 5.9 | 0.1/11.1  | 20307 |
| 2007 EX <sub>20</sub>  | 2008 10 11.0 | 01 06.54 +07 23.4 19.9 | -1.01 - 4.7 | 0.1/11.2  | 43274 |
| 2006 DN <sub>102</sub> | 2008 10 11.0 | 01 06.56 +09 22.9 22.1 | -0.90 - 4.3 | 0.7/11.8  | 02296 |
| 2004 TM <sub>284</sub> | 2008 10 11.0 | 01 06.59 +09 07.3 20.5 | -0.91 - 5.5 | 0.7/11.7  | 21344 |
| 2002 QT <sub>93</sub>  | 2008 10 11.1 | 01 06.52 -05 40.3 20.1 | -0.70 - 6.4 | 3.6/06.7  | 03366 |
| 2004 YU <sub>4</sub>   | 2008 10 11.1 | 01 06.52 -18 01.8 19.2 | -0.90 - 3.6 | 9.0/02.6  | 73718 |
| 2004 XN <sub>141</sub> | 2008 10 11.1 | 01 06.53 -22 53.2 19.9 | -0.85 - 4.2 | 10.5/30.1 | 00889 |
| 2005 EU <sub>205</sub> | 2008 10 11.1 | 01 06.53 -11 24.7 19.6 | -0.67 - 8.2 | 6.0/04.2  | 43231 |
| 2000 SS <sub>367</sub> | 2008 10 11.1 | 01 06.55 +12 33.5 19.9 | -0.71 - 2.3 | 1.4/12.8  | 50496 |
| 2001 QY <sub>115</sub> | 2008 10 11.1 | 01 06.55 +18 25.0 18.2 | -0.94 - 6.0 | 5.3/14.8  | 43122 |
| 2001 TM <sub>101</sub> | 2008 10 11.1 | 01 06.56 -01 26.5 18.8 | -0.97 - 4.8 | 3.9/08.5  | 97482 |
| 2001 QC <sub>245</sub> | 2008 10 11.1 | 01 06.60 -00 12.4 18.9 | -0.79 - 9.6 | 3.4/08.6  | 19539 |
| 2002 GP <sub>64</sub>  | 2008 10 11.1 | 01 06.61 +01 58.4 20.9 | -0.85 - 4.9 | 1.6/09.5  | 02093 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2006 BG <sub>27</sub>  | 2008 10 11.1 | 01 06.62 +10 48.1 19.6 | -1.04 - 3.7 | 1.6/12.2 | 01230 |
| 2003 WP <sub>186</sub> | 2008 10 11.1 | 01 06.62 +16 27.2 20.5 | -0.80 - 5.5 | 3.2/14.2 | 66319 |
| 2007 JQ <sub>37</sub>  | 2008 10 11.1 | 01 06.62 -06 52.4 20.1 | -0.76 - 8.8 | 5.2/06.2 | 43284 |
| 2006 DN <sub>197</sub> | 2008 10 11.1 | 01 06.64 +12 26.6 19.7 | -0.78 - 9.7 | 1.8/13.1 | 01445 |
| 2000 XE <sub>19</sub>  | 2008 10 11.1 | 01 06.66 +16 14.5 18.0 | -0.80 + 1.3 | 5.1/13.6 | 43116 |
| 2003 FZ <sub>83</sub>  | 2008 10 11.1 | 01 06.68 +00 35.0 21.0 | -0.98 - 4.5 | 2.1/09.2 | 10972 |
| 2004 PZ <sub>3</sub>   | 2008 10 11.1 | 01 06.68 +10 13.2 20.1 | -1.01 - 5.7 | 1.2/12.1 | 43203 |
| 2003 WP <sub>104</sub> | 2008 10 11.1 | 01 06.71 +33 10.9 18.9 | -0.77 - 7.4 | 6.8/21.3 | 02194 |
| 1996 TT <sub>22</sub>  | 2008 10 11.1 | 01 06.74 +08 07.9 20.5 | -0.50 - 2.6 | 0.2/11.5 | 43093 |
| 2000 WG <sub>143</sub> | 2008 10 11.1 | 01 06.79 -00 32.4 18.4 | -0.77 -12.8 | 2.9/08.3 | 02020 |
| 2003 DL <sub>21</sub>  | 2008 10 11.1 | 01 06.81 +00 50.7 19.6 | -0.89 - 7.8 | 2.3/09.1 | 19593 |
| 2003 FG <sub>12</sub>  | 2008 10 11.1 | 01 06.82 +08 58.7 20.2 | -0.96 - 6.6 | 0.7/11.8 | 94943 |
| 2004 TB <sub>216</sub> | 2008 10 11.1 | 01 06.83 +10 27.6 19.0 | -0.87 - 5.3 | 1.4/12.2 | 00819 |
| 2002 HW <sub>5</sub>   | 2008 10 11.1 | 01 06.85 +05 49.5 20.7 | -0.88 - 4.6 | 0.4/10.8 | 94764 |
| 1999 VQ <sub>79</sub>  | 2008 10 11.1 | 01 06.85 -00 38.2 19.0 | -0.99 - 1.1 | 2.7/09.1 | 43101 |
| 2003 WL <sub>29</sub>  | 2008 10 11.1 | 01 06.88 +21 39.7 20.0 | -0.78 - 6.0 | 4.9/16.2 | 21806 |
| 2006 DS <sub>85</sub>  | 2008 10 11.1 | 01 06.92 +10 31.7 20.8 | -0.89 - 3.6 | 1.1/12.2 | 02294 |
| 2001 AY <sub>22</sub>  | 2008 10 11.1 | 01 06.94 +28 45.7 18.2 | -0.84 - 7.6 | 8.3/19.3 | 41763 |
| 2001 XG <sub>250</sub> | 2008 10 11.1 | 01 06.96 +01 28.5 19.4 | -0.96 - 5.6 | 2.2/09.5 | 94408 |
| 1999 RU <sub>199</sub> | 2008 10 11.2 | 01 06.88 +21 10.7 18.8 | -0.82 - 8.7 | 5.4/16.4 | 03150 |
| 2007 ED <sub>165</sub> | 2008 10 11.2 | 01 06.88 +10 20.4 21.2 | -1.04 - 6.3 | 1.2/12.2 | 21199 |
| 2002 CQ <sub>272</sub> | 2008 10 11.2 | 01 06.89 +09 42.6 19.6 | -0.96 - 2.4 | 0.8/11.9 | 43148 |
| 1998 SR <sub>30</sub>  | 2008 10 11.2 | 01 06.90 +05 01.6 20.3 | -0.78 - 5.5 | 0.7/10.5 | 10695 |
| 2002 AW <sub>12</sub>  | 2008 10 11.2 | 01 06.91 +03 08.3 19.0 | -0.90 - 6.5 | 1.6/09.9 | 10849 |
| 2006 HC <sub>152</sub> | 2008 10 11.2 | 01 06.91 +04 44.8 21.1 | -0.75 - 4.2 | 0.7/10.5 | 43268 |
| 2005 WD <sub>150</sub> | 2008 10 11.2 | 01 06.92 +07 06.8 20.5 | -1.00 - 4.8 | 0.0/11.2 | 43244 |
| 2002 RN <sub>250</sub> | 2008 10 11.2 | 01 06.93 +20 35.1 19.9 | -0.81 - 4.0 | 4.3/15.6 | 13943 |
| 2002 NQ <sub>36</sub>  | 2008 10 11.2 | 01 06.94 +19 04.5 18.9 | -0.77 - 6.5 | 3.9/15.4 | 56391 |
| 2005 WB <sub>195</sub> | 2008 10 11.2 | 01 06.95 +07 31.5 19.7 | -0.92 - 8.8 | 0.2/11.4 | 20827 |
| 2000 VS <sub>2</sub>   | 2008 10 11.2 | 01 06.95 +02 10.1 19.8 | -0.92 - 4.2 | 1.8/09.7 | 02016 |
| 2001 WP <sub>91</sub>  | 2008 10 11.2 | 01 06.96 +14 00.0 18.3 | -0.88 - 1.3 | 3.7/13.2 | 43138 |
| 2004 PV <sub>34</sub>  | 2008 10 11.2 | 01 06.96 +04 50.1 18.5 | -0.85 - 6.2 | 1.0/10.5 | 19617 |
| 2005 WE <sub>68</sub>  | 2008 10 11.2 | 01 06.97 -00 29.2 19.1 | -0.98 - 4.1 | 3.5/09.0 | 20825 |
| 2007 HF <sub>48</sub>  | 2008 10 11.2 | 01 06.97 +06 03.2 20.7 | -0.85 - 7.7 | 0.4/10.9 | 43282 |
| 2002 PD <sub>80</sub>  | 2008 10 11.2 | 01 06.98 +33 05.9 19.5 | -0.86 - 5.3 | 7.8/21.0 | 74199 |
| 2006 BE <sub>36</sub>  | 2008 10 11.2 | 01 06.98 +08 25.0 20.7 | -0.95 - 4.7 | 0.5/11.6 | 43253 |
| 2007 EC <sub>30</sub>  | 2008 10 11.2 | 01 06.99 -04 07.8 19.4 | -0.90 - 7.7 | 4.9/07.6 | 43275 |
| 2003 YO <sub>156</sub> | 2008 10 11.2 | 01 06.99 +09 40.5 19.3 | -0.74 - 6.1 | 0.8/12.1 | 43197 |
| 2004 PF <sub>86</sub>  | 2008 10 11.2 | 01 06.99 +00 47.0 20.0 | -0.95 - 4.9 | 2.7/09.4 | 42703 |
| 2004 TN <sub>159</sub> | 2008 10 11.2 | 01 06.99 +03 48.7 18.3 | -1.03 + 0.5 | 1.5/10.4 | 73366 |
| 1998 HU <sub>22</sub>  | 2008 10 11.2 | 01 07.02 +00 19.8 20.6 | -0.95 - 2.9 | 2.1/09.3 | 01969 |
| 2004 PQ <sub>1</sub>   | 2008 10 11.2 | 01 07.03 +04 48.8 18.1 | -0.91 - 2.7 | 1.1/10.6 | 22774 |
| 2006 AD <sub>29</sub>  | 2008 10 11.2 | 01 07.06 +10 34.8 19.8 | -0.99 - 5.0 | 1.4/12.3 | 96915 |
| 2002 RB <sub>6</sub>   | 2008 10 11.2 | 01 07.09 +19 40.4 19.0 | -0.85 - 3.0 | 3.8/15.1 | 43161 |
| 1998 FR <sub>122</sub> | 2008 10 11.2 | 01 07.10 +07 04.4 19.7 | -1.02 - 2.1 | 0.0/11.2 | 43094 |
| 2007 HF <sub>1</sub>   | 2008 10 11.2 | 01 07.14 -01 44.3 20.4 | -1.06 - 2.1 | 3.1/08.9 | 20872 |
| 2007 GW <sub>30</sub>  | 2008 10 11.2 | 01 07.15 +00 37.9 19.1 | -1.05 + 0.2 | 2.5/09.7 | 40710 |
| 2004 KV <sub>10</sub>  | 2008 10 11.2 | 01 07.16 -03 30.6 20.2 | -0.99 - 5.7 | 4.3/08.1 | 19613 |
| 1998 QH <sub>58</sub>  | 2008 10 11.2 | 01 07.16 +12 56.8 19.8 | -1.10 - 3.4 | 2.5/12.9 | 43094 |
| 2002 EF <sub>3</sub>   | 2008 10 11.2 | 01 07.21 +24 55.9 19.1 | -1.16 + 0.8 | 7.3/15.7 | 97578 |
| 2006 BD <sub>180</sub> | 2008 10 11.2 | 01 07.22 +00 34.9 19.4 | -0.82 - 5.7 | 3.2/09.2 | 43256 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2001 UC <sub>163</sub> | 2008 10 11.2 | 01 07.22 +03 09.4 19.5 | -0.98 - 4.8 | 1.5/10.1 | 94238 |
| 2001 SJ <sub>304</sub> | 2008 10 11.2 | 01 07.23 +11 36.5 19.4 | -1.09 - 2.9 | 1.8/12.5 | 17419 |
| 2004 QV <sub>12</sub>  | 2008 10 11.2 | 01 07.26 -01 40.7 20.1 | -1.02 - 2.3 | 3.6/08.9 | 42704 |
| 2006 EB <sub>65</sub>  | 2008 10 11.2 | 01 07.26 +11 22.8 20.5 | -0.85 - 5.1 | 1.5/12.6 | 11164 |
| 2003 SZ <sub>133</sub> | 2008 10 11.2 | 01 07.28 +04 33.5 18.9 | -0.83 - 4.2 | 0.8/10.5 | 02167 |
| 2002 SM <sub>60</sub>  | 2008 10 11.2 | 01 07.28 +03 31.0 19.2 | -0.86 - 1.4 | 1.1/10.3 | 43163 |
| 2002 EY <sub>106</sub> | 2008 10 11.3 | 01 07.25 -10 03.6 19.4 | -0.49 - 2.8 | 3.0/05.3 | 24353 |
| 2004 SK <sub>3</sub>   | 2008 10 11.3 | 01 07.29 +08 05.4 17.6 | -1.21 + 5.1 | 0.5/11.5 | 43213 |
| 2007 HB <sub>11</sub>  | 2008 10 11.3 | 01 07.29 +05 38.0 20.5 | -0.91 - 7.3 | 0.5/10.8 | 41872 |
| 2001 AW <sub>39</sub>  | 2008 10 11.3 | 01 07.30 -01 30.5 18.6 | -0.87 - 4.1 | 4.0/08.6 | 72313 |
| 2003 WQ <sub>97</sub>  | 2008 10 11.3 | 01 07.30 +06 01.3 19.5 | -0.72 - 7.0 | 0.4/10.9 | 03571 |
| 2006 MN <sub>9</sub>   | 2008 10 11.3 | 01 07.34 +20 37.6 19.4 | -0.52 - 3.4 | 2.5/16.1 | 30240 |
| 2005 UM <sub>246</sub> | 2008 10 11.3 | 01 07.34 +04 38.3 20.3 | -0.96 - 8.1 | 1.0/10.5 | 43239 |
| 2005 EP <sub>18</sub>  | 2008 10 11.3 | 01 07.36 +11 26.6 19.4 | -0.83 - 2.1 | 1.3/12.6 | 20814 |
| 2005 XY <sub>32</sub>  | 2008 10 11.3 | 01 07.39 +15 53.4 19.6 | -0.93 - 8.4 | 3.8/14.3 | 98022 |
| 2007 EC <sub>20</sub>  | 2008 10 11.3 | 01 07.39 +03 21.4 20.1 | -0.97 - 8.3 | 1.7/10.1 | 19380 |
| 2001 XV <sub>25</sub>  | 2008 10 11.3 | 01 07.41 +02 37.9 19.3 | -0.99 - 4.1 | 1.7/10.0 | 02052 |
| 2002 XH <sub>118</sub> | 2008 10 11.3 | 01 07.46 +03 28.1 20.9 | -0.95 - 6.0 | 1.3/10.2 | 43166 |
| 2004 PA <sub>22</sub>  | 2008 10 11.3 | 01 07.47 +19 17.9 19.5 | -0.99 - 4.9 | 5.3/15.2 | 95266 |
| 2001 TR <sub>150</sub> | 2008 10 11.3 | 01 07.48 -00 30.9 19.9 | -0.83 - 9.0 | 3.3/08.7 | 43131 |
| 2000 GU <sub>44</sub>  | 2008 10 11.3 | 01 07.52 +04 19.5 20.4 | -0.96 - 6.7 | 1.0/10.5 | 19522 |
| 2004 SC <sub>14</sub>  | 2008 10 11.3 | 01 07.52 +05 56.6 18.3 | -0.75 - 9.1 | 0.5/10.9 | 43213 |
| 2002 NE <sub>58</sub>  | 2008 10 11.3 | 01 07.56 +04 19.4 20.8 | -0.77 - 5.0 | 0.9/10.5 | 03331 |
| 2003 UX <sub>104</sub> | 2008 10 11.3 | 01 07.58 +09 09.9 20.1 | -0.78 - 5.0 | 0.6/12.0 | 74292 |
| 2006 HE <sub>83</sub>  | 2008 10 11.3 | 01 07.61 +10 56.1 19.1 | -0.71 - 5.9 | 1.2/12.6 | 01700 |
| 2003 FL <sub>102</sub> | 2008 10 11.3 | 01 07.62 +07 48.6 19.9 | -0.95 - 5.2 | 0.2/11.6 | 43170 |
| 2002 PD <sub>180</sub> | 2008 10 11.3 | 01 07.64 +20 44.6 20.9 | -0.84 - 3.7 | 3.8/15.7 | 21120 |
| 2004 TN <sub>359</sub> | 2008 10 11.3 | 01 07.66 +08 42.8 19.7 | -0.85 - 6.8 | 0.6/11.9 | 97765 |
| 2004 XG <sub>121</sub> | 2008 10 11.3 | 01 07.68 +15 40.2 20.5 | -0.84 - 5.2 | 2.5/14.1 | 73689 |
| 2001 XB <sub>94</sub>  | 2008 10 11.3 | 01 07.69 +03 03.0 19.5 | -0.99 - 4.3 | 1.8/10.2 | 94348 |
| 2006 EV <sub>42</sub>  | 2008 10 11.3 | 01 07.70 +18 41.3 18.3 | -0.97 - 1.3 | 5.1/14.6 | 43265 |
| 2006 EX <sub>67</sub>  | 2008 10 11.4 | 01 07.63 +07 00.1 20.5 | -0.89 - 5.5 | 0.1/11.3 | 11164 |
| 1998 UL <sub>2</sub>   | 2008 10 11.4 | 01 07.64 +14 38.3 18.9 | -0.74 - 8.2 | 2.4/14.1 | 43095 |
| 1999 VS <sub>204</sub> | 2008 10 11.4 | 01 07.66 +09 25.2 19.5 | -0.81 - 6.3 | 0.9/12.1 | 72031 |
| 2005 YU <sub>107</sub> | 2008 10 11.4 | 01 07.68 +03 29.8 20.7 | -0.88 - 6.0 | 1.3/10.3 | 20831 |
| 2007 FZ <sub>32</sub>  | 2008 10 11.4 | 01 07.68 +05 24.0 19.7 | -1.03 - 4.7 | 0.7/10.9 | 20860 |
| 2007 FP <sub>2</sub>   | 2008 10 11.4 | 01 07.69 -00 18.9 19.6 | -1.32 + 2.8 | 2.6/10.0 | 20859 |
| 2005 YG <sub>35</sub>  | 2008 10 11.4 | 01 07.69 +09 50.1 20.5 | -0.97 - 6.9 | 1.1/12.2 | 96697 |
| 2006 DQ <sub>39</sub>  | 2008 10 11.4 | 01 07.70 +06 20.7 19.2 | -1.00 - 1.7 | 0.3/11.2 | 43260 |
| 1999 TT <sub>158</sub> | 2008 10 11.4 | 01 07.74 +18 40.2 19.3 | -1.04 + 0.1 | 4.7/14.4 | 43099 |
| 2004 XH <sub>26</sub>  | 2008 10 11.4 | 01 07.76 -10 01.4 19.4 | -0.86 - 2.8 | 5.6/06.2 | 02230 |
| 2002 OS <sub>26</sub>  | 2008 10 11.4 | 01 07.78 +06 31.8 19.9 | -0.69 - 9.3 | 0.2/11.2 | 90159 |
| 2002 QZ <sub>116</sub> | 2008 10 11.4 | 01 07.79 +05 08.4 20.1 | -0.73 - 6.3 | 0.7/10.7 | 25869 |
| 2007 HC <sub>28</sub>  | 2008 10 11.4 | 01 07.82 +02 57.9 19.4 | -0.87 - 4.1 | 1.6/10.2 | 22889 |
| 2001 AO <sub>33</sub>  | 2008 10 11.4 | 01 07.86 -11 41.7 17.4 | -0.87 - 0.1 | 8.8/06.1 | 43117 |
| 2001 TU <sub>227</sub> | 2008 10 11.4 | 01 07.86 -02 04.0 18.6 | -0.94 - 5.0 | 4.2/08.7 | 43132 |
| 2001 SY <sub>221</sub> | 2008 10 11.4 | 01 07.86 +00 58.2 19.4 | -0.93 - 7.9 | 2.5/09.4 | 17418 |
| 2005 EF <sub>97</sub>  | 2008 10 11.4 | 01 07.87 +26 19.5 19.6 | -0.83 - 3.4 | 5.3/17.7 | 42743 |
| 2002 FD <sub>24</sub>  | 2008 10 11.4 | 01 07.90 +03 35.2 20.0 | -0.80 - 8.2 | 1.3/10.2 | 00222 |
| 2003 YP <sub>155</sub> | 2008 10 11.4 | 01 07.94 -17 09.3 19.7 | -0.80 - 3.3 | 7.6/03.3 | 18064 |
| 2001 OG <sub>15</sub>  | 2008 10 11.4 | 01 07.99 -04 02.3 19.2 | -1.05 - 1.9 | 5.3/08.6 | 43121 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 YG <sub>56</sub>  | 2008 10 11.4 | 01 07.99 -03 12.8 18.1 | -0.93 + 0.3 | 5.4/08.8  | 19562 |
| 2003 UO <sub>62</sub>  | 2008 10 11.4 | 01 08.00 -05 32.8 18.7 | -0.85 - 2.4 | 4.2/07.7  | 02180 |
| 1997 TZ <sub>5</sub>   | 2008 10 11.4 | 01 08.04 +02 51.8 19.6 | -0.81 - 3.1 | 1.4/10.2  | 43093 |
| 1998 QX <sub>29</sub>  | 2008 10 11.4 | 01 08.05 +31 39.2 18.6 | -0.97 - 2.6 | 8.9/19.6  | 43094 |
| 2001 SJ <sub>40</sub>  | 2008 10 11.4 | 01 08.07 +00 47.6 19.2 | -1.12 - 1.2 | 2.7/09.9  | 20745 |
| 1998 DR <sub>33</sub>  | 2008 10 11.5 | 01 08.00 -04 27.6 19.9 | -0.81 - 8.0 | 3.5/07.5  | 21291 |
| 2005 YZ <sub>68</sub>  | 2008 10 11.5 | 01 08.01 +09 28.6 20.9 | -1.00 - 5.4 | 0.9/12.2  | 03818 |
| 2005 CE <sub>5</sub>   | 2008 10 11.5 | 01 08.02 -05 54.9 19.6 | -0.70 - 5.6 | 3.4/07.0  | 24455 |
| 2004 TK <sub>66</sub>  | 2008 10 11.5 | 01 08.02 -04 05.4 18.3 | -0.83 + 1.2 | 6.0/08.6  | 74379 |
| 2005 YV <sub>271</sub> | 2008 10 11.5 | 01 08.03 -09 08.6 21.4 | -0.83 - 6.3 | 4.9/06.0  | 01196 |
| 2006 JC <sub>56</sub>  | 2008 10 11.5 | 01 08.03 +01 35.1 19.5 | -0.80 - 2.2 | 1.6/09.9  | 43268 |
| 2003 TC <sub>45</sub>  | 2008 10 11.5 | 01 08.04 +18 21.6 19.8 | -0.78 - 6.4 | 3.4/15.3  | 28047 |
| 2003 SS <sub>297</sub> | 2008 10 11.5 | 01 08.07 +28 40.2 19.3 | -0.91 - 1.2 | 9.6/18.5  | 53832 |
| 2001 VF <sub>66</sub>  | 2008 10 11.5 | 01 08.08 +10 35.0 17.6 | -0.84 - 4.0 | 1.7/12.6  | 43136 |
| 2003 SW <sub>113</sub> | 2008 10 11.5 | 01 08.09 +26 19.4 20.9 | -0.95 - 4.9 | 6.3/18.0  | 21799 |
| 2005 VS <sub>110</sub> | 2008 10 11.5 | 01 08.10 +08 55.6 19.4 | -0.94 - 9.1 | 0.8/12.1  | 43242 |
| 2004 RY <sub>273</sub> | 2008 10 11.5 | 01 08.10 +02 01.8 20.5 | -0.93 - 5.9 | 1.8/09.9  | 97742 |
| 2006 HW <sub>31</sub>  | 2008 10 11.5 | 01 08.12 +08 13.7 19.6 | -0.70 - 7.4 | 0.3/11.9  | 26156 |
| 2004 TP <sub>161</sub> | 2008 10 11.5 | 01 08.13 +09 22.0 19.5 | -0.84 - 7.1 | 0.8/12.2  | 43217 |
| 2004 TC <sub>265</sub> | 2008 10 11.5 | 01 08.14 +08 24.8 19.1 | -0.86 - 5.3 | 0.5/11.9  | 43219 |
| 2002 GB <sub>58</sub>  | 2008 10 11.5 | 01 08.14 +08 01.9 21.3 | -0.91 - 3.8 | 0.3/11.8  | 10870 |
| 2007 FU <sub>37</sub>  | 2008 10 11.5 | 01 08.16 +06 52.9 20.4 | -1.01 - 2.5 | 0.1/11.4  | 20860 |
| 2001 RQ <sub>5</sub>   | 2008 10 11.5 | 01 08.16 +10 13.3 19.6 | -1.00 - 7.1 | 1.3/13.0  | 43124 |
| 2007 EH <sub>54</sub>  | 2008 10 11.5 | 01 08.16 +03 54.5 20.8 | -0.91 - 7.3 | 1.1/10.5  | 20853 |
| 2003 WL <sub>19</sub>  | 2008 10 11.5 | 01 08.21 +19 22.3 19.5 | -0.80 - 4.8 | 4.0/15.5  | 43193 |
| 2002 PZ <sub>175</sub> | 2008 10 11.5 | 01 08.21 +04 07.9 19.0 | -0.66 - 9.9 | 1.0/10.4  | 22708 |
| 2003 UF <sub>235</sub> | 2008 10 11.5 | 01 08.25 +06 56.7 20.5 | -0.79 - 4.2 | 0.1/11.5  | 43191 |
| 2007 HH <sub>65</sub>  | 2008 10 11.5 | 01 08.26 -12 46.5 19.6 | -0.91 - 2.3 | 7.1/05.8  | 21365 |
| 2003 EP <sub>61</sub>  | 2008 10 11.5 | 01 08.27 -01 15.2 20.0 | -0.97 - 5.3 | 3.4/09.0  | 94939 |
| 2002 KQ <sub>15</sub>  | 2008 10 11.5 | 01 08.27 -08 01.7 20.3 | -0.93 - 2.2 | 4.8/07.2  | 00271 |
| 2006 FD                | 2008 10 11.5 | 01 08.27 +07 36.1 21.0 | -0.90 - 2.9 | 0.1/11.7  | 02308 |
| 2002 CK <sub>125</sub> | 2008 10 11.5 | 01 08.28 +00 28.7 20.0 | -0.85 - 6.2 | 2.3/09.4  | 94608 |
| 2007 YK <sub>2</sub>   | 2008 10 11.5 | 01 08.32 +34 49.5 19.3 | -0.58 - 2.9 | 4.8/21.9  | 31692 |
| 2001 SH <sub>58</sub>  | 2008 10 11.5 | 01 08.35 +06 15.1 18.0 | -0.84 - 7.9 | 0.5/11.2  | 43126 |
| 2003 HS <sub>51</sub>  | 2008 10 11.5 | 01 08.35 -02 57.8 19.5 | -0.90 - 6.7 | 3.6/08.3  | 97655 |
| 1999 YM <sub>14</sub>  | 2008 10 11.5 | 01 08.36 +24 19.1 18.7 | -0.98 - 2.1 | 5.7/16.5  | 22666 |
| 2005 YS <sub>182</sub> | 2008 10 11.5 | 01 08.37 -09 14.2 20.6 | -0.92 - 5.4 | 5.6/06.3  | 96828 |
| 2003 SS <sub>306</sub> | 2008 10 11.5 | 01 08.38 +18 13.8 19.2 | -0.77 - 7.0 | 3.7/15.4  | 57979 |
| 1996 XZ <sub>5</sub>   | 2008 10 11.5 | 01 08.41 +14 50.0 18.2 | -0.92 - 4.9 | 3.2/13.9  | 77359 |
| 2006 GA <sub>23</sub>  | 2008 10 11.5 | 01 08.42 +01 55.0 21.0 | -0.86 - 4.3 | 1.7/10.0  | 01574 |
| 2001 UH <sub>217</sub> | 2008 10 11.6 | 01 08.36 +03 08.9 20.2 | -0.95 - 5.6 | 1.5/10.4  | 97499 |
| 2001 TE <sub>97</sub>  | 2008 10 11.6 | 01 08.36 +11 37.9 18.4 | -0.92 - 6.2 | 2.0/13.0  | 17958 |
| 2006 DA <sub>32</sub>  | 2008 10 11.6 | 01 08.38 +17 37.0 20.1 | -1.01 - 2.6 | 3.7/14.5  | 01342 |
| 2005 YU <sub>28</sub>  | 2008 10 11.6 | 01 08.39 -00 47.0 19.7 | -0.92 - 5.5 | 3.5/09.1  | 20829 |
| 2004 TZ <sub>367</sub> | 2008 10 11.6 | 01 08.49 +03 44.3 19.0 | -0.86 - 4.9 | 1.5/10.5  | 23987 |
| 2007 GZ <sub>35</sub>  | 2008 10 11.6 | 01 08.50 -00 28.6 20.5 | -0.99 - 3.1 | 3.0/09.5  | 26269 |
| 2004 XH <sub>58</sub>  | 2008 10 11.6 | 01 08.51 +07 27.3 19.0 | -0.91 - 2.6 | 0.1/11.7  | 03648 |
| 1999 TQ <sub>225</sub> | 2008 10 11.6 | 01 08.55 +15 10.2 18.7 | -0.97 - 3.0 | 2.8/13.9  | 43099 |
| 2003 SG <sub>26</sub>  | 2008 10 11.6 | 01 08.57 +15 09.8 19.0 | -0.98 - 0.7 | 3.0/13.7  | 43176 |
| 2006 DT <sub>73</sub>  | 2008 10 11.6 | 01 08.58 -12 20.7 20.1 | -0.74 -11.8 | 6.7/03.9  | 01378 |
| 2004 VK <sub>77</sub>  | 2008 10 11.6 | 01 08.60 -29 32.3 19.1 | -0.79 - 0.9 | 16.4/27.2 | 43223 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 EU <sub>48</sub>  | 2008 10 11.6 | 01 08.62 +03 58.7 20.3 | -0.95 - 4.9 | 1.1/10.7  | 20776 |
| 1996 FB <sub>11</sub>  | 2008 10 11.6 | 01 08.67 +02 21.0 21.4 | -0.95 - 5.6 | 1.7/10.2  | 93702 |
| 2003 HB <sub>54</sub>  | 2008 10 11.6 | 01 08.74 +07 32.4 20.6 | -0.91 - 6.2 | 0.1/11.8  | 70363 |
| 2007 HB <sub>88</sub>  | 2008 10 11.6 | 01 08.74 +04 25.8 19.6 | -0.99 - 2.0 | 1.0/10.9  | 21694 |
| 2005 YD <sub>115</sub> | 2008 10 11.6 | 01 08.75 -09 00.0 19.8 | -0.89 - 4.2 | 5.5/06.7  | 21352 |
| 2006 GY <sub>5</sub>   | 2008 10 11.6 | 01 08.77 -02 22.0 19.6 | -0.73 - 6.5 | 2.9/08.4  | 22545 |
| 2002 PO <sub>30</sub>  | 2008 10 11.6 | 01 08.77 -04 31.1 19.5 | -0.71 - 6.4 | 3.8/07.6  | 75422 |
| 2007 EX <sub>38</sub>  | 2008 10 11.7 | 01 08.74 +04 53.0 20.9 | -0.97 - 4.8 | 0.9/11.0  | 20852 |
| 2003 UK <sub>53</sub>  | 2008 10 11.7 | 01 08.75 +21 18.1 19.6 | -0.87 - 3.1 | 4.4/16.0  | 77725 |
| 2000 XK <sub>36</sub>  | 2008 10 11.7 | 01 08.76 +29 39.2 18.0 | -1.02 - 1.4 | 9.6/18.3  | 72265 |
| 2003 DC <sub>24</sub>  | 2008 10 11.7 | 01 08.76 +12 18.8 19.4 | -1.05 - 3.4 | 1.9/13.1  | 43168 |
| 2000 UV <sub>57</sub>  | 2008 10 11.7 | 01 08.80 +11 47.0 18.3 | -0.88 - 4.6 | 2.0/13.0  | 97410 |
| 1994 RC <sub>14</sub>  | 2008 10 11.7 | 01 08.80 +16 24.1 18.8 | -0.97 - 1.2 | 3.6/14.2  | 31138 |
| 2006 EO <sub>10</sub>  | 2008 10 11.7 | 01 08.87 +07 16.1 20.3 | -0.86 - 3.9 | 0.0/11.7  | 43264 |
| 2005 WR <sub>11</sub>  | 2008 10 11.7 | 01 08.88 +01 15.7 20.8 | -1.03 - 4.7 | 2.4/10.0  | 20444 |
| 2002 GC <sub>180</sub> | 2008 10 11.7 | 01 08.91 +05 27.8 20.3 | -0.83 - 5.7 | 0.6/11.2  | 02099 |
| 1998 FL <sub>143</sub> | 2008 10 11.7 | 01 08.95 +06 46.1 21.3 | -0.79 - 8.6 | 0.2/11.6  | 55826 |
| 2001 SW <sub>88</sub>  | 2008 10 11.7 | 01 08.96 +11 23.7 19.1 | -0.81 - 5.3 | 2.1/13.1  | 94067 |
| 2006 FN <sub>26</sub>  | 2008 10 11.7 | 01 09.03 +01 25.9 20.0 | -0.73 - 4.3 | 1.5/09.9  | 22814 |
| 2003 WV <sub>35</sub>  | 2008 10 11.7 | 01 09.04 +04 16.6 19.6 | -0.85 - 2.4 | 1.0/10.9  | 22466 |
| 2003 OJ <sub>15</sub>  | 2008 10 11.7 | 01 09.04 +02 22.2 19.3 | -0.78 -10.5 | 1.8/10.0  | 19602 |
| 2006 BE <sub>61</sub>  | 2008 10 11.7 | 01 09.04 +15 16.8 19.0 | -1.11 - 0.5 | 3.0/13.8  | 97028 |
| 2003 WZ <sub>148</sub> | 2008 10 11.7 | 01 09.06 -00 13.7 19.9 | -0.86 - 1.7 | 2.5/09.6  | 08803 |
| 2003 US <sub>16</sub>  | 2008 10 11.7 | 01 09.06 +22 11.6 18.6 | -0.83 - 5.2 | 4.9/16.8  | 74288 |
| 2006 FH <sub>13</sub>  | 2008 10 11.7 | 01 09.13 +04 19.5 19.9 | -0.75 - 6.0 | 1.0/10.8  | 01514 |
| 2003 XS <sub>39</sub>  | 2008 10 11.7 | 01 09.17 -11 50.6 17.9 | -1.01 + 1.5 | 7.2/06.8  | 43196 |
| 2007 CE <sub>65</sub>  | 2008 10 11.8 | 01 09.08 -05 47.5 22.2 | -0.94 - 2.7 | 3.6/08.2  | 38128 |
| 2007 FC <sub>22</sub>  | 2008 10 11.8 | 01 09.10 +04 23.5 19.0 | -0.92 - 6.2 | 1.3/10.9  | 20859 |
| 2006 AM                | 2008 10 11.8 | 01 09.11 +03 19.3 19.7 | -0.88 - 8.8 | 1.4/10.5  | 96879 |
| 2000 WV <sub>7</sub>   | 2008 10 11.8 | 01 09.13 +05 58.4 18.4 | -0.77 - 9.9 | 0.5/11.3  | 43114 |
| 2007 MG <sub>25</sub>  | 2008 10 11.8 | 01 09.15 +17 30.3 21.1 | -0.83 - 4.4 | 2.8/15.1  | 26775 |
| 2003 UJ <sub>85</sub>  | 2008 10 11.8 | 01 09.19 +03 43.6 19.9 | -0.78 - 4.7 | 1.2/10.7  | 02181 |
| 1998 XO <sub>6</sub>   | 2008 10 11.8 | 01 09.22 +03 00.5 20.4 | -0.98 - 6.4 | 1.9/10.5  | 93741 |
| 2002 RM <sub>235</sub> | 2008 10 11.8 | 01 09.28 +12 22.8 20.4 | -0.78 - 4.1 | 1.4/13.4  | 21321 |
| 2003 FX <sub>113</sub> | 2008 10 11.8 | 01 09.31 +09 56.9 20.3 | -0.98 - 4.9 | 0.9/12.6  | 43170 |
| 2003 XN <sub>42</sub>  | 2008 10 11.8 | 01 09.31 -01 09.6 18.8 | -0.98 + 0.5 | 2.8/09.7  | 04278 |
| 2002 JY <sub>87</sub>  | 2008 10 11.8 | 01 09.37 +04 04.6 20.0 | -0.88 - 3.6 | 1.1/10.9  | 02103 |
| 2005 EV <sub>64</sub>  | 2008 10 11.8 | 01 09.40 +05 16.6 20.6 | -0.76 - 4.3 | 0.6/11.2  | 76821 |
| 1999 UO <sub>24</sub>  | 2008 10 11.8 | 01 09.40 +13 29.7 18.1 | -1.02 - 2.4 | 2.4/13.6  | 43100 |
| 2007 GP <sub>65</sub>  | 2008 10 11.8 | 01 09.43 +10 53.1 21.0 | -0.89 - 6.0 | 1.2/13.0  | 21879 |
| 2001 YD <sub>69</sub>  | 2008 10 11.8 | 01 09.43 +06 37.4 19.4 | -0.96 - 5.2 | 0.3/11.7  | 43142 |
| 2001 RC <sub>110</sub> | 2008 10 11.8 | 01 09.45 -04 02.3 19.4 | -0.72 -10.4 | 5.5/07.6  | 48079 |
| 1998 FM <sub>6</sub>   | 2008 10 11.8 | 01 09.46 +08 51.8 21.2 | -1.02 - 1.5 | 0.5/12.3  | 16794 |
| 2002 AB <sub>209</sub> | 2008 10 11.8 | 01 09.47 +05 08.7 22.1 | -0.96 - 4.9 | 0.7/11.2  | 22695 |
| 2003 WV <sub>85</sub>  | 2008 10 11.8 | 01 09.48 -07 22.5 17.9 | -0.88 - 0.1 | 5.3/07.9  | 02193 |
| 2001 TK <sub>82</sub>  | 2008 10 11.8 | 01 09.49 +18 07.7 19.2 | -1.06 - 4.5 | 4.3/15.1  | 19548 |
| 2003 WQ <sub>65</sub>  | 2008 10 11.8 | 01 09.49 -00 02.3 20.1 | -0.79 - 4.2 | 2.3/09.6  | 87598 |
| 2006 BU <sub>138</sub> | 2008 10 11.8 | 01 09.53 +12 20.6 20.0 | -0.87 - 4.8 | 1.7/13.4  | 16345 |
| 2006 DK <sub>185</sub> | 2008 10 11.9 | 01 09.46 +10 24.5 20.2 | -1.03 - 0.3 | 1.1/12.7  | 02300 |
| 2005 YS <sub>271</sub> | 2008 10 11.9 | 01 09.47 -22 56.6 20.4 | -0.80 - 7.5 | 10.0/30.2 | 98072 |
| 2006 AQ <sub>43</sub>  | 2008 10 11.9 | 01 09.48 +06 25.6 21.2 | -0.96 - 4.8 | 0.3/11.6  | 01210 |

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|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 BU <sub>226</sub> | 2008 10 11.9 | 01 09.49 -12 42.6 20.4 | -0.71 - 3.8 | 4.7/05.3  | 24480 |
| 2006 BV <sub>41</sub>  | 2008 10 11.9 | 01 09.58 +22 34.2 22.2 | -0.91 - 3.4 | 4.1/16.6  | 02272 |
| 2006 DW <sub>121</sub> | 2008 10 11.9 | 01 09.59 -10 56.9 20.6 | -0.91 - 7.1 | 7.0/05.6  | 02297 |
| 2003 UL <sub>17</sub>  | 2008 10 11.9 | 01 09.59 +22 50.5 19.0 | -0.85 - 4.9 | 5.1/16.9  | 76052 |
| 2003 WS <sub>35</sub>  | 2008 10 11.9 | 01 09.60 +14 33.5 19.3 | -0.87 - 2.5 | 2.3/14.0  | 77743 |
| 2002 GO <sub>164</sub> | 2008 10 11.9 | 01 09.61 +02 15.0 20.0 | -0.87 - 3.7 | 1.6/10.4  | 75334 |
| 2001 FX <sub>63</sub>  | 2008 10 11.9 | 01 09.64 +02 27.4 18.9 | -0.80 - 4.4 | 1.5/10.4  | 43119 |
| 2005 YE <sub>192</sub> | 2008 10 11.9 | 01 09.68 +00 56.9 20.5 | -0.97 - 5.2 | 2.6/10.0  | 96836 |
| 2002 RN <sub>241</sub> | 2008 10 11.9 | 01 09.69 +07 59.9 20.2 | -0.78 - 3.9 | 0.2/12.1  | 02129 |
| 2001 XG <sub>120</sub> | 2008 10 11.9 | 01 09.69 -00 03.5 18.2 | -0.90 - 4.9 | 3.5/09.7  | 43139 |
| 2003 QK <sub>47</sub>  | 2008 10 11.9 | 01 09.72 +55 31.5 21.2 | -2.51 + 6.4 | 24.2/30.0 | 53175 |
| 2002 VZ <sub>125</sub> | 2008 10 11.9 | 01 09.72 +44 57.6 19.6 | -1.20 - 5.0 | 11.2/26.2 | 70353 |
| 2004 XU <sub>99</sub>  | 2008 10 11.9 | 01 09.73 -32 17.2 20.8 | -0.81 - 2.1 | 9.7/27.6  | 21817 |
| 2006 DF <sub>160</sub> | 2008 10 11.9 | 01 09.73 +12 43.3 20.5 | -0.89 - 3.7 | 1.7/13.6  | 43263 |
| 2004 VX <sub>26</sub>  | 2008 10 11.9 | 01 09.80 +16 28.3 18.8 | -0.91 - 4.2 | 3.9/14.7  | 73527 |
| 1998 YH <sub>16</sub>  | 2008 10 11.9 | 01 09.87 +13 02.1 20.5 | -0.74 - 4.5 | 1.5/13.8  | 43096 |
| 2002 CR <sub>62</sub>  | 2008 10 11.9 | 01 09.90 -06 43.8 20.3 | -0.89 - 3.4 | 4.3/07.8  | 97562 |
| 2004 RT <sub>156</sub> | 2008 10 11.9 | 01 09.91 +15 11.6 19.5 | -0.92 - 4.0 | 3.5/14.3  | 43209 |
| 2003 UR <sub>153</sub> | 2008 10 12.0 | 01 09.87 +28 46.3 19.7 | -0.92 - 3.4 | 7.8/19.0  | 10998 |
| 2005 EC <sub>51</sub>  | 2008 10 12.0 | 01 09.87 +04 46.0 19.8 | -0.72 - 4.6 | 0.7/11.2  | 24460 |
| 2001 YB <sub>64</sub>  | 2008 10 12.0 | 01 09.88 +10 17.8 19.3 | -0.96 - 5.7 | 1.2/12.9  | 43142 |
| 2004 GZ <sub>23</sub>  | 2008 10 12.0 | 01 09.91 -07 17.8 19.5 | -1.01 - 4.8 | 6.1/07.8  | 18070 |
| 2003 WZ <sub>75</sub>  | 2008 10 12.0 | 01 09.91 +19 22.6 19.7 | -0.85 - 3.5 | 3.8/15.7  | 87598 |
| 2007 LJ <sub>2</sub>   | 2008 10 12.0 | 01 09.94 -18 53.8 20.2 | -0.89 - 1.3 | 8.9/04.3  | 21247 |
| 2001 TE <sub>177</sub> | 2008 10 12.0 | 01 09.98 +10 34.1 19.8 | -1.08 - 3.4 | 1.3/13.0  | 43132 |
| 2005 NE <sub>29</sub>  | 2008 10 12.0 | 01 09.98 +48 40.2 19.3 | -1.38 - 1.0 | 20.0/28.9 | 86889 |
| 2002 GY <sub>23</sub>  | 2008 10 12.0 | 01 10.00 +06 16.0 19.8 | -0.87 - 3.5 | 0.3/11.7  | 97589 |
| 2002 JC <sub>121</sub> | 2008 10 12.0 | 01 10.01 -31 04.0 20.0 | -0.95 - 0.5 | 10.5/29.9 | 94783 |
| 2001 XF <sub>164</sub> | 2008 10 12.0 | 01 10.02 +07 49.9 20.2 | -0.93 - 6.5 | 0.1/12.2  | 43140 |
| 2006 DX <sub>143</sub> | 2008 10 12.0 | 01 10.04 +10 42.6 19.4 | -0.88 - 3.9 | 1.1/13.0  | 43263 |
| 2002 AP <sub>171</sub> | 2008 10 12.0 | 01 10.07 +01 54.5 20.8 | -0.89 - 5.0 | 1.8/10.4  | 94536 |
| 2003 WL <sub>39</sub>  | 2008 10 12.0 | 01 10.09 +04 31.6 19.3 | -0.90 - 1.1 | 1.0/11.3  | 03564 |
| 2132 P-L               | 2008 10 12.0 | 01 10.10 +17 19.7 18.2 | -1.12 - 0.3 | 3.9/14.6  | 43320 |
| 2007 EL <sub>160</sub> | 2008 10 12.0 | 01 10.16 -00 34.6 18.5 | -0.86 -24.4 | 3.5/08.7  | 43277 |
| 2005 AO <sub>24</sub>  | 2008 10 12.0 | 01 10.18 +27 33.7 22.7 | -0.72 - 3.5 | 3.9/18.9  | 76588 |
| 2003 FC <sub>83</sub>  | 2008 10 12.0 | 01 10.19 -00 46.1 20.3 | -0.93 - 5.4 | 2.7/09.6  | 03502 |
| 2007 GJ <sub>47</sub>  | 2008 10 12.0 | 01 10.20 +01 46.6 21.2 | -0.93 - 5.5 | 2.0/10.4  | 20613 |
| 2004 XD <sub>59</sub>  | 2008 10 12.0 | 01 10.23 -08 58.4 19.9 | -0.80 - 2.9 | 4.8/07.1  | 21817 |
| 2002 PH <sub>161</sub> | 2008 10 12.0 | 01 10.23 -04 48.2 19.7 | -0.75 - 4.7 | 3.7/08.1  | 10889 |
| 2005 YH <sub>31</sub>  | 2008 10 12.0 | 01 10.28 +06 16.0 20.4 | -0.98 - 6.1 | 0.5/11.7  | 43247 |
| 2001 FX <sub>169</sub> | 2008 10 12.1 | 01 10.20 +01 36.7 19.5 | -0.72 - 8.0 | 1.9/10.1  | 00020 |
| 2007 OW                | 2008 10 12.1 | 01 10.22 +09 57.3 19.5 | -0.69 - 8.9 | 0.7/13.0  | 31535 |
| 2000 DD <sub>55</sub>  | 2008 10 12.1 | 01 10.23 +06 27.5 20.2 | -0.77 - 4.4 | 0.3/11.8  | 77442 |
| 2000 EW <sub>9</sub>   | 2008 10 12.1 | 01 10.25 -11 06.4 19.9 | -0.83 - 1.3 | 4.4/06.7  | 01996 |
| 2003 GE <sub>32</sub>  | 2008 10 12.1 | 01 10.27 +02 37.7 20.3 | -0.83 -11.0 | 1.7/10.4  | 43171 |
| 2004 RC <sub>156</sub> | 2008 10 12.1 | 01 10.28 +17 26.1 19.9 | -0.94 - 5.0 | 4.2/15.2  | 97736 |
| 2004 YA <sub>31</sub>  | 2008 10 12.1 | 01 10.29 -13 25.2 19.4 | -0.80 - 2.5 | 6.2/05.8  | 02236 |
| 2005 UE <sub>140</sub> | 2008 10 12.1 | 01 10.29 +09 34.1 19.5 | -0.93 -10.9 | 1.0/13.0  | 97903 |
| 2007 BE                | 2008 10 12.1 | 01 10.30 -42 37.3 20.2 | -1.27 + 1.3 | 22.6/23.0 | 26240 |
| 2005 CK <sub>63</sub>  | 2008 10 12.1 | 01 10.30 +06 00.6 20.6 | -0.70 - 5.4 | 0.4/11.6  | 43230 |
| 2002 PC <sub>25</sub>  | 2008 10 12.1 | 01 10.31 +14 01.2 18.6 | -0.79 - 4.4 | 2.3/14.2  | 41783 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 UP <sub>136</sub> | 2008 10 12.1 | 01 10.33 -01 48.6 18.5 | -1.01 - 2.9 | 4.3/09.5  | 02048 |
| 2003 WQ <sub>96</sub>  | 2008 10 12.1 | 01 10.33 +08 25.0 19.6 | -0.82 - 4.2 | 0.3/12.4  | 43194 |
| 2003 DP <sub>9</sub>   | 2008 10 12.1 | 01 10.35 +10 23.3 19.8 | -1.03 - 3.9 | 1.0/13.0  | 43168 |
| 2005 YU <sub>27</sub>  | 2008 10 12.1 | 01 10.40 +01 10.1 18.9 | -0.90 - 3.7 | 3.0/10.3  | 43247 |
| 2005 YL <sub>89</sub>  | 2008 10 12.1 | 01 10.42 +08 11.7 20.3 | -0.93 - 5.8 | 0.3/12.4  | 96750 |
| 2000 SE <sub>249</sub> | 2008 10 12.1 | 01 10.42 +03 51.0 18.9 | -0.69 - 3.3 | 1.1/11.0  | 43110 |
| 2000 SC <sub>184</sub> | 2008 10 12.1 | 01 10.42 +10 50.3 18.3 | -0.84 - 7.7 | 1.4/13.0  | 02009 |
| 2006 AN <sub>11</sub>  | 2008 10 12.1 | 01 10.45 +29 07.9 19.1 | -1.75 + 7.5 | 9.7/15.1  | 01202 |
| 2005 UK <sub>95</sub>  | 2008 10 12.1 | 01 10.47 +04 10.0 19.7 | -1.00 - 6.9 | 1.4/11.1  | 20820 |
| 2001 TR <sub>9</sub>   | 2008 10 12.1 | 01 10.48 +08 19.4 18.9 | -0.84 - 9.7 | 0.4/12.5  | 43130 |
| 2006 CS <sub>10</sub>  | 2008 10 12.1 | 01 10.52 -19 32.9 19.5 | -0.77 - 8.8 | 8.9/01.7  | 97151 |
| 2003 UF <sub>98</sub>  | 2008 10 12.1 | 01 10.55 -14 54.4 18.5 | -0.84 - 1.1 | 8.1/05.6  | 42667 |
| 2006 BX <sub>19</sub>  | 2008 10 12.1 | 01 10.56 +14 57.0 20.2 | -0.99 - 6.1 | 3.0/14.5  | 98092 |
| 2007 GU <sub>63</sub>  | 2008 10 12.1 | 01 10.58 +12 16.1 20.5 | -0.85 - 8.7 | 1.6/13.8  | 22888 |
| 2001 FS <sub>44</sub>  | 2008 10 12.1 | 01 10.63 +09 04.3 19.2 | -1.00 - 2.4 | 0.6/12.6  | 43119 |
| 2007 HG <sub>81</sub>  | 2008 10 12.1 | 01 10.64 +07 47.7 21.3 | -0.95 - 6.2 | 0.1/12.3  | 20661 |
| 2002 CU <sub>13</sub>  | 2008 10 12.2 | 01 10.57 +00 59.4 21.1 | -0.95 - 7.5 | 2.3/10.1  | 00149 |
| 2003 ET <sub>28</sub>  | 2008 10 12.2 | 01 10.58 -02 04.7 19.7 | -0.90 - 8.5 | 3.5/09.0  | 22729 |
| 2003 SD <sub>46</sub>  | 2008 10 12.2 | 01 10.59 +02 08.1 19.1 | -0.81 - 4.5 | 1.9/10.5  | 02163 |
| 2007 LX <sub>14</sub>  | 2008 10 12.2 | 01 10.59 -11 38.6 19.3 | -0.69 - 6.4 | 6.6/05.5  | 31532 |
| 2005 EX <sub>69</sub>  | 2008 10 12.2 | 01 10.62 -08 04.8 23.0 | -0.80 - 4.5 | 3.8/07.1  | 77826 |
| 2001 XU <sub>247</sub> | 2008 10 12.2 | 01 10.64 +04 33.7 19.7 | -0.97 - 4.7 | 1.1/11.4  | 02057 |
| 2004 HQ <sub>36</sub>  | 2008 10 12.2 | 01 10.69 +11 26.5 19.2 | -0.95 - 9.6 | 1.7/13.6  | 90200 |
| 2006 FR <sub>54</sub>  | 2008 10 12.2 | 01 10.77 +04 04.0 20.3 | -0.72 - 5.3 | 1.0/11.1  | 41246 |
| 2003 QA <sub>51</sub>  | 2008 10 12.2 | 01 10.77 -02 10.3 18.7 | -0.77 - 6.0 | 3.3/09.1  | 43174 |
| 2002 BO <sub>1</sub>   | 2008 10 12.2 | 01 10.80 +09 33.3 19.3 | -0.91 - 4.3 | 0.7/13.0  | 43145 |
| 2002 GN <sub>73</sub>  | 2008 10 12.2 | 01 10.82 -01 47.2 19.3 | -0.85 - 4.1 | 3.1/09.4  | 43153 |
| 2007 JM <sub>21</sub>  | 2008 10 12.2 | 01 10.82 +11 30.9 19.5 | -0.86 - 5.3 | 1.4/13.5  | 43283 |
| 2006 BY <sub>190</sub> | 2008 10 12.2 | 01 10.83 +02 20.8 20.4 | -0.75 - 4.0 | 1.4/10.6  | 11156 |
| 1997 MX <sub>6</sub>   | 2008 10 12.2 | 01 10.84 +44 27.2 19.5 | -0.76 -21.3 | 16.5/31.8 | 4348  |
| 2006 DY <sub>160</sub> | 2008 10 12.2 | 01 10.91 +09 58.1 19.1 | -0.92 - 4.2 | 1.1/13.0  | 11162 |
| 2005 YA <sub>165</sub> | 2008 10 12.2 | 01 10.96 +21 01.9 20.2 | -1.05 - 4.5 | 5.1/16.3  | 01187 |
| 2005 EA <sub>91</sub>  | 2008 10 12.2 | 01 10.98 -03 09.0 19.9 | -0.67 - 7.0 | 2.8/08.5  | 26733 |
| 2004 RK <sub>40</sub>  | 2008 10 12.2 | 01 10.98 +04 29.5 20.5 | -0.87 - 8.3 | 1.1/11.3  | 43207 |
| 2004 VX <sub>2</sub>   | 2008 10 12.2 | 01 10.98 -09 18.4 19.8 | -1.07 + 1.0 | 6.1/08.3  | 21344 |
| 2001 QC <sub>149</sub> | 2008 10 12.2 | 01 11.02 +15 33.3 18.5 | -1.09 - 2.6 | 3.9/14.5  | 43123 |
| 2001 UR <sub>94</sub>  | 2008 10 12.3 | 01 10.93 -13 26.9 17.7 | -0.76 - 2.0 | 11.2/05.3 | 26028 |
| 1999 YB <sub>15</sub>  | 2008 10 12.3 | 01 10.97 -06 59.1 18.3 | -0.82 - 3.2 | 5.8/07.9  | 21296 |
| 2003 SL <sub>278</sub> | 2008 10 12.3 | 01 11.01 +18 24.0 18.8 | -0.90 - 2.6 | 3.7/15.5  | 43182 |
| 2004 RY <sub>337</sub> | 2008 10 12.3 | 01 11.03 +08 20.2 19.9 | -0.95 - 4.3 | 0.3/12.6  | 02213 |
| 2001 XS <sub>211</sub> | 2008 10 12.3 | 01 11.05 +03 58.1 18.9 | -0.98 - 4.1 | 1.5/11.3  | 00106 |
| 2007 FH <sub>2</sub>   | 2008 10 12.3 | 01 11.08 -06 08.8 20.1 | -1.02 - 3.8 | 5.1/08.5  | 20859 |
| 2003 FG <sub>6</sub>   | 2008 10 12.3 | 01 11.10 +09 56.4 19.5 | -1.02 - 3.3 | 0.9/13.0  | 43169 |
| 2000 KK <sub>41</sub>  | 2008 10 12.3 | 01 11.12 +03 45.0 19.3 | -0.95 - 5.9 | 1.5/11.2  | 43106 |
| 2003 WF <sub>72</sub>  | 2008 10 12.3 | 01 11.14 +11 56.5 20.0 | -0.76 - 3.7 | 1.2/13.7  | 24426 |
| 2005 EF <sub>49</sub>  | 2008 10 12.3 | 01 11.16 +10 32.2 20.1 | -0.77 - 4.9 | 0.9/13.3  | 76804 |
| 2005 YO <sub>7</sub>   | 2008 10 12.3 | 01 11.17 +05 01.5 20.5 | -0.97 - 5.3 | 0.9/11.6  | 96664 |
| 2002 QZ <sub>23</sub>  | 2008 10 12.3 | 01 11.18 -03 16.9 20.3 | -0.73 - 5.4 | 3.2/08.8  | 21782 |
| 1999 UU <sub>28</sub>  | 2008 10 12.3 | 01 11.19 +04 43.4 19.7 | -0.89 - 3.6 | 1.0/11.5  | 73965 |
| 2007 EZ <sub>112</sub> | 2008 10 12.3 | 01 11.22 +08 12.6 20.2 | -0.92 - 8.1 | 0.2/12.6  | 21197 |
| 1138 T-3               | 2008 10 12.3 | 01 11.22 +18 31.4 19.1 | -1.11 - 0.1 | 4.0/15.2  | 43320 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 GS <sub>26</sub>  | 2008 10 12.3 | 01 11.23 -16 47.5 19.7 | -0.97 - 0.9 | 7.5/05.5  | 02092 |
| 2000 BE <sub>3</sub>   | 2008 10 12.3 | 01 11.24 +01 41.8 20.7 | -0.72 - 4.4 | 1.4/10.5  | 99934 |
| 2007 DL <sub>33</sub>  | 2008 10 12.3 | 01 11.26 -00 39.6 20.8 | -0.95 - 7.1 | 3.0/09.8  | 19356 |
| 2005 XM <sub>26</sub>  | 2008 10 12.3 | 01 11.27 +01 51.6 20.7 | -0.91 - 5.4 | 1.9/10.6  | 98021 |
| 2002 EA <sub>119</sub> | 2008 10 12.3 | 01 11.29 +03 13.4 20.0 | -0.79 - 8.4 | 1.3/10.9  | 50599 |
| 2006 DE <sub>20</sub>  | 2008 10 12.3 | 01 11.35 -01 51.1 21.0 | -0.83 - 6.0 | 3.4/09.4  | 97181 |
| 2002 RH <sub>258</sub> | 2008 10 12.3 | 01 11.36 +06 47.9 20.4 | -0.73 - 4.4 | 0.2/12.2  | 08384 |
| 2004 RB <sub>23</sub>  | 2008 10 12.4 | 01 11.33 +07 59.0 19.5 | -0.97 - 4.7 | 10.2/02.0 | 43207 |
| 2002 CE <sub>12</sub>  | 2008 10 12.4 | 01 11.33 +22 17.1 19.6 | -1.68 + 3.0 | 6.9/15.2  | 30637 |
| 1998 FM <sub>138</sub> | 2008 10 12.4 | 01 11.34 +11 46.2 20.0 | -0.94 - 3.5 | 1.3/13.6  | 43094 |
| 2005 XS <sub>1</sub>   | 2008 10 12.4 | 01 11.34 -07 21.4 18.9 | -1.02 0.0   | 7.5/08.6  | 19674 |
| 2006 BK <sub>94</sub>  | 2008 10 12.4 | 01 11.36 +07 42.4 20.4 | -0.95 - 6.5 | 0.1/12.5  | 02275 |
| 2006 DT <sub>5</sub>   | 2008 10 12.4 | 01 11.38 -05 10.7 18.8 | -0.72 - 8.4 | 5.4/07.9  | 43259 |
| 2004 TC <sub>348</sub> | 2008 10 12.4 | 01 11.39 +08 31.5 19.6 | -0.85 - 5.4 | 0.4/12.7  | 74423 |
| 2001 XD <sub>8</sub>   | 2008 10 12.4 | 01 11.40 +02 43.9 19.1 | -0.91 - 5.2 | 2.2/10.9  | 94320 |
| 2007 DN <sub>28</sub>  | 2008 10 12.4 | 01 11.42 +06 58.5 19.7 | -1.08 - 4.5 | 0.3/12.3  | 43273 |
| 2002 PO <sub>161</sub> | 2008 10 12.4 | 01 11.43 -10 59.3 20.3 | -0.72 - 5.6 | 5.6/06.2  | 85571 |
| 2006 EL <sub>63</sub>  | 2008 10 12.4 | 01 11.44 +17 36.4 21.3 | -0.95 - 2.3 | 3.1/15.3  | 01494 |
| 2002 AW <sub>95</sub>  | 2008 10 12.4 | 01 11.45 +06 48.8 18.8 | -0.99 - 4.2 | 0.3/12.2  | 17988 |
| 2006 BS <sub>129</sub> | 2008 10 12.4 | 01 11.49 -09 07.3 21.2 | -0.77 - 6.0 | 4.8/06.9  | 97075 |
| 2006 DM <sub>188</sub> | 2008 10 12.4 | 01 11.51 +01 59.4 19.1 | -0.81 - 6.4 | 2.1/10.6  | 01436 |
| 2005 UL <sub>268</sub> | 2008 10 12.4 | 01 11.52 +04 24.7 19.1 | -0.93 - 6.0 | 1.6/11.5  | 17621 |
| 2001 HN <sub>55</sub>  | 2008 10 12.4 | 01 11.53 -06 50.5 19.8 | -1.11 - 3.2 | 5.8/08.7  | 14611 |
| 2006 GH <sub>49</sub>  | 2008 10 12.4 | 01 11.53 -21 51.8 20.0 | -0.85 - 0.4 | 8.2/03.7  | 01604 |
| 2001 XB <sub>119</sub> | 2008 10 12.4 | 01 11.53 +01 01.8 20.3 | -0.97 - 4.0 | 2.3/10.6  | 43139 |
| 1995 CZ <sub>4</sub>   | 2008 10 12.4 | 01 11.54 +12 38.1 21.8 | -0.99 - 5.6 | 1.9/14.0  | 93688 |
| 2004 RH <sub>230</sub> | 2008 10 12.4 | 01 11.61 +07 41.3 20.3 | -0.82 - 9.4 | 0.0/12.5  | 73154 |
| 1998 HE <sub>4</sub>   | 2008 10 12.4 | 01 11.61 -00 25.7 19.7 | -0.80 - 7.1 | 3.0/09.8  | 43094 |
| 2000 XE <sub>7</sub>   | 2008 10 12.4 | 01 11.62 +19 38.2 18.5 | -0.96 - 3.8 | 4.6/16.1  | 43115 |
| 2004 VK <sub>8</sub>   | 2008 10 12.4 | 01 11.65 -01 15.1 18.8 | -0.87 - 4.5 | 3.7/09.7  | 77791 |
| 2003 KN <sub>5</sub>   | 2008 10 12.4 | 01 11.66 -08 59.6 20.3 | -0.84 - 7.5 | 5.7/07.0  | 22733 |
| 2002 GO <sub>20</sub>  | 2008 10 12.4 | 01 11.67 +08 21.0 19.7 | -0.91 - 3.9 | 0.2/12.7  | 43152 |
| 2005 YB <sub>60</sub>  | 2008 10 12.4 | 01 11.67 -06 24.2 19.7 | -0.92 - 3.7 | 6.1/08.4  | 96730 |
| 2005 ET <sub>180</sub> | 2008 10 12.4 | 01 11.68 -03 13.4 20.1 | -0.70 - 5.7 | 3.0/08.9  | 21349 |
| 2006 BM <sub>148</sub> | 2008 10 12.4 | 01 11.68 +02 38.0 19.4 | -1.06 - 2.0 | 2.3/11.2  | 01267 |
| 2005 CQ <sub>51</sub>  | 2008 10 12.4 | 01 11.68 +21 37.7 19.7 | -0.88 - 2.4 | 4.1/16.7  | 76686 |
| 2006 HD <sub>65</sub>  | 2008 10 12.4 | 01 11.69 +10 11.5 19.9 | -0.72 - 6.6 | 0.7/13.4  | 09557 |
| 2002 AN <sub>106</sub> | 2008 10 12.4 | 01 11.71 +01 27.8 20.3 | -0.92 - 5.8 | 2.3/10.6  | 94508 |
| 2004 RR <sub>103</sub> | 2008 10 12.4 | 01 11.73 +11 51.8 20.4 | -0.87 - 9.1 | 1.5/14.0  | 20798 |
| 1999 FF <sub>12</sub>  | 2008 10 12.4 | 01 11.73 +15 18.4 19.9 | -0.89 - 2.1 | 2.5/14.7  | 62240 |
| 2000 TS <sub>18</sub>  | 2008 10 12.4 | 01 11.74 +07 22.2 19.2 | -0.97 - 2.7 | 0.1/12.4  | 02012 |
| 2006 AC <sub>11</sub>  | 2008 10 12.5 | 01 11.70 -16 47.6 19.4 | -0.84 - 4.7 | 9.7/04.6  | 43250 |
| 2001 XO <sub>179</sub> | 2008 10 12.5 | 01 11.71 +01 09.6 19.9 | -0.94 - 5.8 | 2.5/10.5  | 02055 |
| 2001 TA <sub>10</sub>  | 2008 10 12.5 | 01 11.73 +06 38.7 18.7 | -0.86 - 7.0 | 0.4/12.2  | 19547 |
| 2004 RS <sub>245</sub> | 2008 10 12.5 | 01 11.74 +08 43.7 20.4 | -1.00 - 4.2 | 8.8/02.0  | 43211 |
| 2001 DH <sub>16</sub>  | 2008 10 12.5 | 01 11.80 -01 51.3 19.3 | -0.49 - 2.7 | 1.7/09.4  | 10761 |
| 2003 SO <sub>15</sub>  | 2008 10 12.5 | 01 11.83 +19 45.4 19.4 | -0.86 - 4.9 | 3.9/16.4  | 43176 |
| 2002 GG <sub>142</sub> | 2008 10 12.5 | 01 11.88 -01 54.4 19.5 | -0.90 - 2.5 | 3.0/09.9  | 97595 |
| 2001 GW <sub>11</sub>  | 2008 10 12.5 | 01 11.91 -16 30.8 19.9 | -0.84 - 1.1 | 6.8/05.6  | 43120 |
| 2006 EQ <sub>11</sub>  | 2008 10 12.5 | 01 11.94 +03 23.9 20.5 | -0.80 - 5.8 | 1.4/11.2  | 01466 |
| 2004 XK <sub>80</sub>  | 2008 10 12.5 | 01 11.95 +09 33.8 21.9 | -0.82 - 5.9 | 0.6/13.0  | 03649 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 DP <sub>17</sub>  | 2008 10 12.5 | 01 11.95 +10 23.5 21.2 | -0.97 - 5.3 | 0.9/13.4  | 18043 |
| 2007 MZ <sub>16</sub>  | 2008 10 12.5 | 01 11.95 +09 15.5 20.5 | -0.80 - 9.1 | 0.5/13.1  | 43285 |
| 2002 EA <sub>141</sub> | 2008 10 12.5 | 01 11.99 +10 51.4 20.3 | -0.94 - 3.5 | 1.1/13.5  | 10867 |
| 2001 XN <sub>231</sub> | 2008 10 12.5 | 01 12.00 +09 29.2 19.3 | -0.97 - 3.5 | 0.9/13.0  | 08175 |
| 2002 CP <sub>74</sub>  | 2008 10 12.5 | 01 12.01 -00 22.9 20.4 | -0.85 - 5.5 | 2.6/10.1  | 94589 |
| 2003 HF <sub>9</sub>   | 2008 10 12.5 | 01 12.02 +11 26.6 19.3 | -0.87 - 8.5 | 1.4/13.9  | 20779 |
| 2006 DR <sub>19</sub>  | 2008 10 12.5 | 01 12.02 +07 41.8 20.5 | -0.97 - 4.7 | 0.0/12.6  | 02288 |
| 2006 EX <sub>13</sub>  | 2008 10 12.5 | 01 12.07 +05 20.4 20.5 | -0.82 - 5.8 | 0.8/11.9  | 21358 |
| 2003 UJ <sub>100</sub> | 2008 10 12.5 | 01 12.08 -07 39.3 18.8 | -0.80 - 3.0 | 5.5/08.0  | 43187 |
| 2004 XA <sub>104</sub> | 2008 10 12.5 | 01 12.10 +03 32.2 20.1 | -0.83 - 3.7 | 1.3/11.4  | 43226 |
| 2006 FK <sub>6</sub>   | 2008 10 12.5 | 01 12.10 -02 04.3 20.3 | -0.87 - 3.1 | 2.9/09.7  | 11165 |
| 2003 UA <sub>290</sub> | 2008 10 12.5 | 01 12.11 +00 09.4 19.9 | -0.88 - 1.5 | 2.5/10.5  | 00654 |
| 2000 SK <sub>123</sub> | 2008 10 12.6 | 01 12.06 -02 04.9 18.2 | -0.85 - 6.3 | 4.0/09.4  | 43109 |
| 2004 VB <sub>27</sub>  | 2008 10 12.6 | 01 12.06 +23 04.6 19.8 | -0.85 - 8.0 | 5.7/18.0  | 12351 |
| 2002 GJ <sub>67</sub>  | 2008 10 12.6 | 01 12.08 +01 56.9 20.0 | -0.90 - 2.8 | 1.9/11.0  | 87537 |
| 2005 CA <sub>47</sub>  | 2008 10 12.6 | 01 12.09 +04 09.2 19.7 | -0.75 - 5.0 | 1.0/11.5  | 21349 |
| 2005 YE <sub>32</sub>  | 2008 10 12.6 | 01 12.15 +10 07.0 20.6 | -0.98 - 5.3 | 0.9/13.4  | 43247 |
| 2004 VC <sub>69</sub>  | 2008 10 12.6 | 01 12.16 +00 07.2 19.6 | -0.88 - 3.8 | 3.0/10.4  | 73557 |
| 2002 QT <sub>113</sub> | 2008 10 12.6 | 01 12.17 +07 35.1 20.6 | -0.70 - 7.2 | 0.0/12.6  | 43160 |
| 2000 DM <sub>39</sub>  | 2008 10 12.6 | 01 12.19 +19 52.1 19.9 | -1.10 - 4.3 | 4.7/16.2  | 17908 |
| 2003 HZ <sub>26</sub>  | 2008 10 12.6 | 01 12.20 +03 42.7 21.3 | -0.93 - 6.7 | 1.4/11.4  | 97653 |
| 2007 GA <sub>27</sub>  | 2008 10 12.6 | 01 12.21 -01 41.9 20.4 | -0.86 - 4.6 | 3.1/09.8  | 21363 |
| 2002 RW <sub>112</sub> | 2008 10 12.6 | 01 12.22 +38 02.5 20.5 | -0.98 - 2.8 | 9.1/23.6  | 75576 |
| 2005 YD <sub>90</sub>  | 2008 10 12.6 | 01 12.22 -01 35.3 20.8 | -0.92 - 6.1 | 3.2/09.7  | 96752 |
| 2002 BN <sub>14</sub>  | 2008 10 12.6 | 01 12.23 +14 20.4 19.5 | -0.91 - 5.4 | 2.2/14.7  | 02068 |
| 2002 DM <sub>9</sub>   | 2008 10 12.6 | 01 12.24 +29 55.3 18.0 | -1.40 + 0.3 | 7.3/18.6  | 43149 |
| 2006 BU <sub>240</sub> | 2008 10 12.6 | 01 12.25 -07 21.7 20.0 | -0.80 - 5.4 | 4.8/07.8  | 21854 |
| 2002 PB <sub>102</sub> | 2008 10 12.6 | 01 12.28 +26 33.1 19.4 | -0.83 - 4.9 | 6.0/19.2  | 56458 |
| 2007 GE <sub>63</sub>  | 2008 10 12.6 | 01 12.32 +13 46.0 20.8 | -0.86 - 9.8 | 2.3/14.8  | 26273 |
| 1999 TF <sub>302</sub> | 2008 10 12.6 | 01 12.34 +26 38.7 19.2 | -0.97 - 3.8 | 6.7/18.7  | 43100 |
| 2005 AR <sub>31</sub>  | 2008 10 12.6 | 01 12.35 +05 04.9 19.8 | -0.79 - 5.4 | 0.8/11.8  | 00902 |
| 2001 TS <sub>252</sub> | 2008 10 12.6 | 01 12.35 +00 53.9 20.2 | -0.88 - 6.2 | 3.2/10.5  | 94188 |
| 2000 EE <sub>51</sub>  | 2008 10 12.6 | 01 12.37 +18 03.1 19.6 | -0.84 - 2.9 | 3.0/15.8  | 21755 |
| 2007 HL <sub>26</sub>  | 2008 10 12.6 | 01 12.38 +03 21.8 21.1 | -0.97 - 4.0 | 1.5/11.4  | 26279 |
| 2003 UN <sub>70</sub>  | 2008 10 12.6 | 01 12.39 +04 16.7 20.1 | -0.75 - 5.8 | 1.0/11.6  | 21335 |
| 2004 FS <sub>43</sub>  | 2008 10 12.6 | 01 12.40 +04 20.1 19.9 | -1.14 - 2.4 | 1.5/11.8  | 16265 |
| 2003 UQ <sub>72</sub>  | 2008 10 12.6 | 01 12.40 +12 52.4 20.5 | -0.74 - 7.2 | 1.6/14.5  | 10995 |
| 2002 PM <sub>98</sub>  | 2008 10 12.6 | 01 12.41 -09 56.7 17.8 | -0.76 - 2.8 | 6.2/07.2  | 77619 |
| 2006 AQ <sub>84</sub>  | 2008 10 12.6 | 01 12.41 -11 03.2 19.6 | -0.88 - 3.0 | 5.8/07.1  | 96962 |
| 2004 VG <sub>93</sub>  | 2008 10 12.7 | 01 12.44 +05 20.4 19.6 | -0.99 - 2.2 | 0.9/12.1  | 19178 |
| 2003 WH <sub>170</sub> | 2008 10 12.7 | 01 12.49 +02 06.3 19.1 | -0.69 - 9.4 | 1.6/10.7  | 43195 |
| 2002 GX <sub>114</sub> | 2008 10 12.7 | 01 12.52 -01 30.7 19.7 | -0.84 - 5.1 | 3.1/09.9  | 97594 |
| 2004 VF <sub>65</sub>  | 2008 10 12.7 | 01 12.54 -01 29.2 18.8 | -0.85 - 4.3 | 3.4/09.9  | 21345 |
| 1999 CE <sub>147</sub> | 2008 10 12.7 | 01 12.57 +08 44.8 20.2 | -0.98 - 5.5 | 9.7/23.0  | 97344 |
| 2002 PS <sub>72</sub>  | 2008 10 12.7 | 01 12.58 +08 15.2 18.8 | -0.69 - 9.2 | 8.4/02.0  | 43158 |
| 2003 WL <sub>155</sub> | 2008 10 12.7 | 01 12.58 -11 35.9 19.0 | -0.77 - 3.3 | 6.8/06.7  | 43195 |
| 2002 DN <sub>13</sub>  | 2008 10 12.7 | 01 12.58 +10 21.9 20.3 | -0.90 - 4.5 | 0.9/13.5  | 43149 |
| 2006 DV <sub>216</sub> | 2008 10 12.7 | 01 12.59 +07 02.0 19.2 | -0.79 - 7.1 | 0.2/12.5  | 41846 |
| 2003 SZ <sub>63</sub>  | 2008 10 12.7 | 01 12.60 +09 24.8 19.7 | -0.83 - 4.7 | 0.6/13.3  | 43177 |
| 2004 XZ <sub>10</sub>  | 2008 10 12.7 | 01 12.68 -20 30.5 18.7 | -0.96 - 1.3 | 11.3/03.5 | 77793 |
| 2001 TZ <sub>146</sub> | 2008 10 12.7 | 01 12.69 -02 57.5 18.9 | -0.60 -13.5 | 5.2/08.5  | 41087 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 CG <sub>124</sub> | 2008 10 12.7 | 01 12.70 +22 14.3 20.0 | -0.98 - 3.9 | 4.8/17.2  | 94608 |
| 2001 QM <sub>114</sub> | 2008 10 12.7 | 01 12.72 +12 56.4 19.1 | -0.94 - 8.3 | 2.2/14.5  | 19538 |
| 2003 KK <sub>9</sub>   | 2008 10 12.7 | 01 12.73 +11 46.0 19.9 | -0.99 - 3.4 | 1.4/13.9  | 43172 |
| 2005 EP <sub>143</sub> | 2008 10 12.7 | 01 12.73 +02 42.5 19.6 | -0.73 - 5.9 | 1.5/11.1  | 11085 |
| 2007 HK <sub>28</sub>  | 2008 10 12.7 | 01 12.73 -04 39.1 19.3 | -0.93 - 5.4 | 4.7/09.0  | 43281 |
| 2005 WX <sub>87</sub>  | 2008 10 12.7 | 01 12.74 +01 38.4 20.2 | -0.92 - 5.1 | 2.0/10.9  | 01133 |
| 2000 UJ <sub>29</sub>  | 2008 10 12.7 | 01 12.74 -24 30.3 18.7 | -1.89 +16.3 | 17.4/11.3 | 43112 |
| 2004 VG <sub>58</sub>  | 2008 10 12.7 | 01 12.75 +21 41.3 19.8 | -0.86 - 6.9 | 4.3/17.5  | 97770 |
| 2004 XB <sub>27</sub>  | 2008 10 12.7 | 01 12.77 -08 23.4 19.0 | -0.88 - 2.9 | 5.9/08.0  | 97774 |
| 2004 YC <sub>1</sub>   | 2008 10 12.7 | 01 12.81 -20 43.3 20.1 | -0.91 + 0.1 | 7.4/04.6  | 11076 |
| 2006 AQ <sub>100</sub> | 2008 10 12.7 | 01 12.81 +13 28.9 21.2 | -0.91 - 5.1 | 1.9/14.6  | 09493 |
| 2004 PU <sub>24</sub>  | 2008 10 12.7 | 01 12.81 +09 11.6 19.9 | -1.01 - 5.2 | 0.6/13.2  | 43204 |
| 2002 GA <sub>74</sub>  | 2008 10 12.7 | 01 12.85 +03 22.9 20.3 | -0.96 - 2.1 | 1.4/11.6  | 94739 |
| 1999 VN <sub>101</sub> | 2008 10 12.8 | 01 12.79 +01 20.8 19.5 | -0.86 - 3.7 | 2.2/10.9  | 22664 |
| 2000 AF <sub>253</sub> | 2008 10 12.8 | 01 12.80 +00 45.6 19.6 | -0.78 - 5.0 | 2.5/10.6  | 73984 |
| 2001 RM <sub>25</sub>  | 2008 10 12.8 | 01 12.80 +14 12.5 18.9 | -1.04 - 4.7 | 2.7/14.7  | 97456 |
| 2007 GK <sub>31</sub>  | 2008 10 12.8 | 01 12.83 +00 25.4 20.1 | -0.93 - 3.6 | 2.4/10.7  | 22887 |
| 2002 CJ <sub>145</sub> | 2008 10 12.8 | 01 12.83 -08 43.7 20.5 | -0.78 - 7.8 | 4.7/07.1  | 30669 |
| 2007 FL <sub>38</sub>  | 2008 10 12.8 | 01 12.94 +02 17.7 19.9 | -1.02 - 1.8 | 1.8/11.4  | 20861 |
| 2001 YU <sub>139</sub> | 2008 10 12.8 | 01 13.00 +19 49.9 19.6 | -0.85 - 7.4 | 3.4/17.0  | 22693 |
| 2002 RN <sub>143</sub> | 2008 10 12.8 | 01 13.01 +14 21.2 19.6 | -0.77 - 4.7 | 1.9/15.0  | 72711 |
| 2003 WL <sub>169</sub> | 2008 10 12.8 | 01 13.02 -15 54.3 18.0 | -0.91 + 0.8 | 8.8/06.1  | 43195 |
| 2004 JJ <sub>20</sub>  | 2008 10 12.8 | 01 13.03 +06 49.5 19.3 | -0.98 - 7.8 | 0.4/12.6  | 43201 |
| 2002 CA <sub>86</sub>  | 2008 10 12.8 | 01 13.05 +06 57.1 20.0 | -0.89 - 5.4 | 0.3/12.6  | 43146 |
| 2006 GF <sub>45</sub>  | 2008 10 12.8 | 01 13.06 +09 04.0 20.8 | -0.81 - 4.6 | 0.4/13.3  | 04372 |
| 2001 VH <sub>82</sub>  | 2008 10 12.8 | 01 13.08 -02 37.6 19.3 | -1.02 - 4.2 | 4.2/09.8  | 94274 |
| 2003 UM <sub>16</sub>  | 2008 10 12.8 | 01 13.09 +09 23.0 18.5 | -0.70 - 9.2 | 0.6/13.5  | 42662 |
| 2004 TU <sub>366</sub> | 2008 10 12.8 | 01 13.10 +22 35.8 18.4 | -0.97 - 2.9 | 5.6/17.3  | 43221 |
| 2002 HQ <sub>14</sub>  | 2008 10 12.8 | 01 13.12 +07 42.7 19.7 | -0.51 - 2.3 | 4.1/23.0  | 43154 |
| 2003 OO <sub>23</sub>  | 2008 10 12.8 | 01 13.12 +13 58.0 19.2 | -0.84 - 5.6 | 2.2/14.9  | 72783 |
| 2001 XN <sub>147</sub> | 2008 10 12.8 | 01 13.14 +07 47.2 18.6 | -0.89 - 6.9 | 11.1/23.0 | 94366 |
| 2004 TV <sub>218</sub> | 2008 10 12.8 | 01 13.14 +11 16.1 20.1 | -0.97 - 3.9 | 1.3/13.9  | 00819 |
| 2006 BD <sub>167</sub> | 2008 10 12.8 | 01 13.14 +01 53.9 19.2 | -0.83 - 5.5 | 2.3/11.0  | 20839 |
| 2001 AZ <sub>27</sub>  | 2008 10 12.8 | 01 13.18 -06 41.5 20.8 | -0.95 - 3.0 | 4.6/08.6  | 02025 |
| 2003 UA <sub>282</sub> | 2008 10 12.9 | 01 13.14 -12 21.2 19.2 | -0.78 - 3.5 | 6.2/06.4  | 43192 |
| 2001 TJ <sub>157</sub> | 2008 10 12.9 | 01 13.17 +02 55.3 20.7 | -0.97 - 5.2 | 1.7/11.5  | 00071 |
| 2004 VN <sub>29</sub>  | 2008 10 12.9 | 01 13.23 +00 24.6 20.5 | -0.93 - 3.1 | 3.2/10.8  | 74431 |
| 2002 RY <sub>156</sub> | 2008 10 12.9 | 01 13.27 +03 36.2 20.2 | -0.69 - 6.5 | 1.1/11.5  | 21320 |
| 2004 PR <sub>97</sub>  | 2008 10 12.9 | 01 13.27 +07 05.4 18.2 | -0.80 - 6.8 | 11.8/02.0 | 70388 |
| 2002 PX <sub>12</sub>  | 2008 10 12.9 | 01 13.29 +22 47.6 19.4 | -0.83 - 4.4 | 4.5/17.8  | 21318 |
| 2002 CG <sub>200</sub> | 2008 10 12.9 | 01 13.33 +15 04.1 20.4 | -1.02 - 3.4 | 2.9/15.0  | 02078 |
| 2007 RJ <sub>283</sub> | 2008 10 12.9 | 01 13.37 +21 19.0 19.3 | -0.52 - 3.7 | 2.5/17.7  | 31973 |
| 2004 FY <sub>115</sub> | 2008 10 12.9 | 01 13.39 -07 25.7 19.6 | -1.00 - 5.6 | 6.5/08.5  | 16267 |
| 2007 DO <sub>114</sub> | 2008 10 12.9 | 01 13.40 +02 44.5 20.6 | -0.92 - 6.1 | 1.9/11.4  | 41323 |
| 1995 OC <sub>7</sub>   | 2008 10 12.9 | 01 13.40 -01 41.6 20.3 | -0.82 - 6.0 | 3.7/09.9  | 43092 |
| 2006 DN <sub>97</sub>  | 2008 10 12.9 | 01 13.40 +01 58.3 20.0 | -0.69 - 8.9 | 1.7/10.9  | 01398 |
| 2002 QK <sub>102</sub> | 2008 10 12.9 | 01 13.42 +08 03.4 20.0 | -0.76 - 4.2 | 6.9/02.0  | 43160 |
| 2004 TW <sub>263</sub> | 2008 10 12.9 | 01 13.43 +12 54.6 19.3 | -0.85 - 6.9 | 2.0/14.6  | 97762 |
| 2002 CB <sub>16</sub>  | 2008 10 12.9 | 01 13.45 -00 08.5 19.8 | -0.86 - 5.7 | 2.6/10.5  | 02070 |
| 2001 AW <sub>10</sub>  | 2008 10 12.9 | 01 13.45 +16 18.4 18.7 | -0.88 - 5.2 | 3.1/15.7  | 97427 |
| 2006 HN <sub>86</sub>  | 2008 10 12.9 | 01 13.45 -03 22.7 19.8 | -0.88 - 6.5 | 3.7/09.3  | 01703 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2006 UB <sub>63</sub>  | 2008 10 12.9 | 01 13.47 -20 04.5 19.5 | -0.49 - 3.9 | 4.9/02.5  | 43270 |
| 2002 CF <sub>55</sub>  | 2008 10 12.9 | 01 13.49 +10 20.1 18.9 | -0.93 - 5.7 | 1.0/13.8  | 43146 |
| 2002 GT <sub>35</sub>  | 2008 10 12.9 | 01 13.49 +09 57.5 19.5 | -0.91 - 3.7 | 0.8/13.6  | 43152 |
| 2004 QN <sub>21</sub>  | 2008 10 12.9 | 01 13.51 +03 55.4 19.3 | -0.84 - 6.0 | 1.8/11.8  | 19620 |
| 1999 KF <sub>12</sub>  | 2008 10 12.9 | 01 13.53 -01 04.1 19.7 | -0.90 - 5.5 | 3.2/10.3  | 19515 |
| 2003 XQ <sub>19</sub>  | 2008 10 12.9 | 01 13.54 +24 06.0 19.9 | -0.81 - 4.9 | 5.4/18.4  | 86181 |
| 2006 DU <sub>67</sub>  | 2008 10 12.9 | 01 13.57 +24 05.5 20.8 | -0.95 - 3.0 | 4.9/17.9  | 22811 |
| 2004 VU <sub>25</sub>  | 2008 10 12.9 | 01 13.58 +01 43.7 18.5 | -0.92 + 2.1 | 3.2/11.6  | 19644 |
| 2004 JF <sub>8</sub>   | 2008 10 13.0 | 01 13.51 +06 49.5 19.1 | -0.87 - 8.6 | 0.5/12.7  | 43201 |
| 2007 JZ <sub>21</sub>  | 2008 10 13.0 | 01 13.53 +12 30.5 21.1 | -0.75 - 8.7 | 1.3/14.7  | 21367 |
| 2002 GM <sub>109</sub> | 2008 10 13.0 | 01 13.55 -05 11.6 20.5 | -0.82 - 7.5 | 3.9/08.6  | 43153 |
| 2004 PS <sub>7</sub>   | 2008 10 13.0 | 01 13.59 +11 48.0 19.1 | -0.98 - 5.9 | 1.6/14.2  | 43203 |
| 2002 HT <sub>2</sub>   | 2008 10 13.0 | 01 13.59 -00 46.2 19.9 | -1.04 - 1.8 | 3.1/10.7  | 00250 |
| 2002 QS <sub>80</sub>  | 2008 10 13.0 | 01 13.59 +06 27.2 20.4 | -0.79 - 3.4 | 0.4/12.6  | 10894 |
| 2001 UE <sub>141</sub> | 2008 10 13.0 | 01 13.60 +02 05.0 19.8 | -0.98 - 4.7 | 2.5/11.3  | 94233 |
| 2005 SH <sub>71</sub>  | 2008 10 13.0 | 01 13.60 +08 57.7 17.4 | -1.86 +14.0 | 0.7/13.1  | 43233 |
| 2001 CN <sub>44</sub>  | 2008 10 13.0 | 01 13.62 -09 58.5 19.8 | -0.83 - 2.2 | 4.8/07.8  | 21763 |
| 2007 GQ <sub>65</sub>  | 2008 10 13.0 | 01 13.62 +09 40.8 19.3 | -1.04 - 3.8 | 0.8/13.6  | 43280 |
| 1995 WF <sub>13</sub>  | 2008 10 13.0 | 01 13.63 +04 40.3 20.3 | -0.80 - 6.8 | 1.1/12.0  | 97327 |
| 2007 HQ <sub>75</sub>  | 2008 10 13.0 | 01 13.68 +08 54.6 21.7 | -0.92 - 6.7 | 0.4/13.4  | 20880 |
| 2005 CS <sub>62</sub>  | 2008 10 13.0 | 01 13.68 +02 53.7 21.0 | -0.77 - 4.4 | 1.4/11.5  | 76697 |
| 1999 TU <sub>271</sub> | 2008 10 13.0 | 01 13.69 +15 37.6 19.3 | -0.82 - 7.4 | 2.6/15.7  | 01983 |
| 2000 YK <sub>10</sub>  | 2008 10 13.0 | 01 13.72 +28 24.3 18.6 | -0.94 - 6.0 | 7.7/19.8  | 02021 |
| 2002 CB <sub>72</sub>  | 2008 10 13.0 | 01 13.72 +31 33.2 21.0 | -1.06 - 2.6 | 7.0/20.3  | 02072 |
| 2002 PY <sub>178</sub> | 2008 10 13.0 | 01 13.76 +20 05.5 19.6 | -0.76 - 6.2 | 3.9/17.3  | 08313 |
| 2002 EV <sub>155</sub> | 2008 10 13.0 | 01 13.77 +06 52.7 20.1 | -0.89 - 4.0 | 0.3/12.8  | 43151 |
| 2006 AC <sub>90</sub>  | 2008 10 13.0 | 01 13.79 +09 26.0 20.9 | -0.88 - 4.9 | 0.5/13.6  | 43252 |
| 2003 GF <sub>42</sub>  | 2008 10 13.0 | 01 13.79 +02 33.1 20.9 | -0.94 - 5.6 | 1.8/11.5  | 97651 |
| 2002 CT <sub>172</sub> | 2008 10 13.0 | 01 13.85 -01 31.2 21.6 | -0.87 - 5.1 | 2.8/10.2  | 94622 |
| 2002 BS <sub>28</sub>  | 2008 10 13.0 | 01 13.88 +05 25.9 19.3 | -1.07 - 1.9 | 0.9/12.5  | 02069 |
| 1999 RM <sub>81</sub>  | 2008 10 13.0 | 01 13.90 +18 07.4 18.7 | -1.00 - 2.2 | 3.7/16.0  | 43097 |
| 2006 BU <sub>45</sub>  | 2008 10 13.0 | 01 13.90 +02 11.5 21.1 | -0.82 - 6.0 | 1.8/11.3  | 01234 |
| 2003 SE <sub>73</sub>  | 2008 10 13.0 | 01 13.90 +20 15.5 19.3 | -1.07 + 1.0 | 4.8/16.2  | 42646 |
| 2004 BS <sub>91</sub>  | 2008 10 13.1 | 01 13.88 -03 25.1 19.4 | -0.64 - 7.5 | 3.0/09.1  | 43198 |
| 2001 CX <sub>29</sub>  | 2008 10 13.1 | 01 13.89 -07 49.2 20.0 | -0.81 - 4.2 | 4.5/08.2  | 02028 |
| 2003 PC                | 2008 10 13.1 | 01 13.92 +35 03.6 18.8 | -1.08 - 2.2 | 10.1/22.4 | 00461 |
| 2003 WG <sub>80</sub>  | 2008 10 13.1 | 01 13.93 +18 24.7 19.1 | -0.95 - 1.4 | 3.7/16.1  | 00673 |
| 2007 JM <sub>24</sub>  | 2008 10 13.1 | 01 13.93 -17 22.7 20.6 | -0.83 - 5.7 | 9.3/04.4  | 21234 |
| 2005 WQ <sub>167</sub> | 2008 10 13.1 | 01 13.95 -05 11.2 18.7 | -1.00 - 1.4 | 6.6/09.8  | 18162 |
| 2002 AV <sub>107</sub> | 2008 10 13.1 | 01 13.96 +01 36.4 18.8 | -0.89 - 5.8 | 2.5/11.2  | 21311 |
| 1998 RJ                | 2008 10 13.1 | 01 13.98 +02 08.3 18.5 | -1.07 + 1.3 | 3.0/11.8  | 31823 |
| 2002 GY <sub>41</sub>  | 2008 10 13.1 | 01 13.99 +08 57.7 19.9 | -0.83 - 8.3 | 0.4/13.5  | 89270 |
| 2005 UE <sub>124</sub> | 2008 10 13.1 | 01 14.04 +04 40.5 19.8 | -1.14 - 2.1 | 1.4/12.3  | 19215 |
| 2007 LK <sub>17</sub>  | 2008 10 13.1 | 01 14.04 -09 36.8 19.7 | -0.97 + 0.1 | 6.7/08.7  | 22892 |
| 2003 SY <sub>187</sub> | 2008 10 13.1 | 01 14.05 +19 36.9 19.3 | -1.00 - 1.4 | 3.9/16.4  | 02170 |
| 2005 UJ <sub>168</sub> | 2008 10 13.1 | 01 14.11 +08 45.1 19.8 | -1.01 - 6.2 | 0.4/13.4  | 43238 |
| 2005 CR <sub>22</sub>  | 2008 10 13.1 | 01 14.11 +33 46.8 19.4 | -0.99 - 0.8 | 7.0/21.1  | 24456 |
| 2004 VH <sub>34</sub>  | 2008 10 13.1 | 01 14.12 -00 21.3 19.5 | -0.89 - 4.5 | 3.2/10.7  | 02225 |
| 2004 FH <sub>67</sub>  | 2008 10 13.1 | 01 14.13 +02 26.9 20.4 | -1.08 - 4.8 | 2.1/11.6  | 95197 |
| 2004 PR <sub>63</sub>  | 2008 10 13.1 | 01 14.14 +11 36.8 18.6 | -0.86 - 5.6 | 1.8/14.3  | 20794 |
| 2003 LD <sub>3</sub>   | 2008 10 13.1 | 01 14.15 +07 55.8 21.2 | -0.94 - 5.2 | 0.0/13.2  | 03507 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2004 TF <sub>163</sub> | 2008 10 13.1 | 01 14.15 +06 49.6 19.9 | -0.87 - 6.2 | 0.3/12.8  | 43217 |
| 2007 JC <sub>15</sub>  | 2008 10 13.1 | 01 14.15 +10 13.5 20.8 | -0.96 - 6.5 | 0.8/13.9  | 43283 |
| 1999 AJ <sub>10</sub>  | 2008 10 13.1 | 01 14.17 -14 46.5 19.2 | -0.90 - 0.5 | 5.7/06.7  | 87347 |
| 2005 EN <sub>158</sub> | 2008 10 13.1 | 01 14.19 +08 00.8 19.6 | -0.75 - 4.3 | 0.1/13.2  | 43231 |
| 2001 VN <sub>53</sub>  | 2008 10 13.1 | 01 14.21 +17 56.3 18.8 | -0.93 - 6.6 | 4.4/16.4  | 43136 |
| 2002 EP <sub>57</sub>  | 2008 10 13.1 | 01 14.23 +04 45.2 21.5 | -0.82 - 6.5 | 0.9/12.2  | 48219 |
| 2005 YF <sub>132</sub> | 2008 10 13.1 | 01 14.25 -03 27.8 19.1 | -0.84 - 5.5 | 5.3/09.6  | 43248 |
| 2006 EN <sub>52</sub>  | 2008 10 13.1 | 01 14.28 -04 38.2 20.7 | -0.78 - 7.0 | 4.0/09.0  | 02307 |
| 2005 EK <sub>247</sub> | 2008 10 13.1 | 01 14.31 +09 06.1 19.5 | -0.83 - 2.3 | 0.4/13.6  | 43231 |
| 2006 FN <sub>9</sub>   | 2008 10 13.1 | 01 14.33 +01 07.6 20.2 | -0.85 - 3.1 | 1.9/11.2  | 21856 |
| 2006 DQ <sub>32</sub>  | 2008 10 13.1 | 01 14.34 +12 08.8 21.3 | -0.90 - 4.3 | 1.3/14.5  | 43260 |
| 2003 SB <sub>20</sub>  | 2008 10 13.2 | 01 14.26 +14 47.8 19.3 | -0.91 - 2.9 | 2.4/15.2  | 14039 |
| 2002 RG <sub>243</sub> | 2008 10 13.2 | 01 14.27 +17 22.5 19.9 | -1.22 + 4.4 | 3.4/15.1  | 62407 |
| 2005 VM <sub>95</sub>  | 2008 10 13.2 | 01 14.29 +02 00.2 20.3 | -1.01 - 5.8 | 2.5/11.5  | 97971 |
| 2003 GM <sub>1</sub>   | 2008 10 13.2 | 01 14.29 +05 26.2 19.3 | -0.89 - 8.2 | 0.9/12.4  | 43170 |
| 2003 BJ <sub>15</sub>  | 2008 10 13.2 | 01 14.31 +14 09.5 20.0 | -1.04 - 4.7 | 2.3/15.0  | 97632 |
| 2003 BU <sub>15</sub>  | 2008 10 13.2 | 01 14.35 +00 42.6 20.8 | -0.97 - 5.2 | 2.4/11.1  | 97632 |
| 2003 KG <sub>10</sub>  | 2008 10 13.2 | 01 14.36 +04 55.7 20.3 | -0.94 - 5.1 | 1.1/12.3  | 20781 |
| 2005 EH <sub>80</sub>  | 2008 10 13.2 | 01 14.38 -02 00.3 20.1 | -0.81 - 2.7 | 2.8/10.3  | 76841 |
| 2002 GK <sub>4</sub>   | 2008 10 13.2 | 01 14.38 +05 08.3 19.1 | -1.72 + 6.4 | 1.3/12.8  | 18005 |
| 2004 TU <sub>339</sub> | 2008 10 13.2 | 01 14.39 +06 59.2 19.9 | -0.87 - 5.8 | 0.3/13.0  | 43220 |
| 2002 AL <sub>189</sub> | 2008 10 13.2 | 01 14.44 +09 02.6 19.9 | -0.81 - 8.7 | 0.4/13.6  | 43144 |
| 2003 UT <sub>29</sub>  | 2008 10 13.2 | 01 14.45 -22 09.3 18.8 | -1.72 +11.1 | 16.2/09.5 | 43185 |
| 2005 YR <sub>119</sub> | 2008 10 13.2 | 01 14.45 +13 09.4 19.9 | -0.97 - 6.6 | 1.9/14.9  | 96774 |
| 2002 RA <sub>127</sub> | 2008 10 13.2 | 01 14.45 +13 11.7 18.5 | -0.59 -12.5 | 2.0/15.4  | 42623 |
| 2000 VC <sub>30</sub>  | 2008 10 13.2 | 01 14.48 +04 12.2 17.5 | -0.75 - 8.7 | 1.6/12.0  | 02016 |
| 2007 EN <sub>79</sub>  | 2008 10 13.2 | 01 14.50 +10 08.9 20.5 | -0.97 - 5.8 | 0.8/13.9  | 19715 |
| 2005 YK <sub>180</sub> | 2008 10 13.2 | 01 14.51 +00 57.7 18.6 | -0.76 - 8.4 | 3.5/10.8  | 43249 |
| 2006 DK <sub>187</sub> | 2008 10 13.2 | 01 14.52 +05 31.0 21.0 | -0.78 - 4.1 | 0.7/12.5  | 01435 |
| 2005 UK <sub>179</sub> | 2008 10 13.2 | 01 14.52 -01 25.0 20.3 | -1.05 - 4.2 | 3.6/10.6  | 20418 |
| 2003 WD <sub>110</sub> | 2008 10 13.2 | 01 14.54 +18 56.2 19.6 | -0.78 - 4.4 | 3.1/16.8  | 28828 |
| 2002 FJ <sub>10</sub>  | 2008 10 13.2 | 01 14.54 +02 06.5 19.5 | -0.83 - 7.7 | 1.9/11.3  | 43152 |
| 2006 AB <sub>95</sub>  | 2008 10 13.2 | 01 14.61 +08 30.9 21.2 | -0.99 - 6.2 | 0.3/13.5  | 03835 |
| 2002 NT <sub>16</sub>  | 2008 10 13.2 | 01 14.62 +29 21.1 18.0 | -0.73 -10.7 | 7.0/22.1  | 22705 |
| 1999 RZ <sub>206</sub> | 2008 10 13.2 | 01 14.62 +45 10.6 18.5 | -1.66 + 9.2 | 16.1/19.4 | 43097 |
| 2005 YV <sub>33</sub>  | 2008 10 13.2 | 01 14.63 -01 53.2 20.2 | -0.96 - 5.9 | 3.9/10.3  | 22805 |
| 2006 BR <sub>135</sub> | 2008 10 13.2 | 01 14.64 +17 57.7 20.6 | -0.90 - 3.6 | 3.0/16.3  | 01263 |
| 2002 PL <sub>137</sub> | 2008 10 13.2 | 01 14.68 -01 19.5 19.3 | -0.73 - 5.2 | 3.1/10.3  | 10888 |
| 2001 XH <sub>230</sub> | 2008 10 13.2 | 01 14.69 -09 50.2 19.9 | -1.01 - 1.5 | 7.6/08.4  | 30588 |
| 2004 XF <sub>135</sub> | 2008 10 13.3 | 01 14.64 +11 42.3 19.2 | -0.87 - 4.1 | 1.3/14.5  | 43226 |
| 2002 AF <sub>105</sub> | 2008 10 13.3 | 01 14.67 -17 35.0 20.7 | -0.85 - 4.3 | 7.2/05.3  | 21311 |
| 2001 XE <sub>61</sub>  | 2008 10 13.3 | 01 14.69 +15 16.3 19.3 | -0.94 - 6.6 | 3.0/15.6  | 17976 |
| 2003 UL <sub>82</sub>  | 2008 10 13.3 | 01 14.72 +08 18.4 19.1 | -0.82 - 4.9 | 0.1/13.4  | 43187 |
| 2000 WB <sub>20</sub>  | 2008 10 13.3 | 01 14.73 +24 49.4 19.0 | -0.84 - 9.5 | 6.6/19.7  | 74049 |
| 2001 SU <sub>299</sub> | 2008 10 13.3 | 01 14.77 +14 36.6 20.7 | -1.10 - 4.4 | 2.6/15.2  | 74101 |
| 2005 YJ <sub>18</sub>  | 2008 10 13.3 | 01 14.78 -03 11.9 20.5 | -1.03 - 3.9 | 4.4/10.2  | 20829 |
| 2006 DG <sub>212</sub> | 2008 10 13.3 | 01 14.80 +11 38.5 19.4 | -0.88 - 4.3 | 1.4/14.5  | 43263 |
| 2006 GG <sub>35</sub>  | 2008 10 13.3 | 01 14.81 +04 18.6 21.3 | -0.69 - 6.2 | 0.9/12.1  | 38087 |
| 2006 DU <sub>133</sub> | 2008 10 13.3 | 01 14.84 +06 12.2 19.8 | -0.89 - 3.6 | 0.6/12.8  | 01417 |
| 2005 YU <sub>285</sub> | 2008 10 13.3 | 01 14.85 +05 12.3 20.4 | -0.94 - 4.6 | 0.9/12.5  | 01197 |
| 2006 KH <sub>14</sub>  | 2008 10 13.3 | 01 14.85 -07 26.6 20.6 | -0.76 - 2.9 | 4.3/08.6  | 01791 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 PX <sub>10</sub>  | 2008 10 13.3 | 01 14.89 -10 37.1 19.4 | -0.91 - 2.1 | 7.1/08.3  | 19602 |
| 2004 PD <sub>53</sub>  | 2008 10 13.3 | 01 14.89 +11 31.6 20.4 | -0.99 - 5.7 | 1.4/14.4  | 43204 |
| 2002 CB <sub>148</sub> | 2008 10 13.3 | 01 14.90 +13 13.0 20.5 | -0.91 - 5.0 | 1.8/15.0  | 94614 |
| 2004 PF <sub>16</sub>  | 2008 10 13.3 | 01 14.93 +07 00.1 19.0 | -1.01 - 3.5 | 0.4/13.1  | 20793 |
| 2005 WR <sub>141</sub> | 2008 10 13.3 | 01 14.93 -05 15.9 20.3 | -0.95 - 5.2 | 5.2/09.3  | 98007 |
| 2003 WO <sub>60</sub>  | 2008 10 13.3 | 01 14.99 +15 45.3 18.9 | -0.76 - 6.3 | 2.8/16.0  | 00669 |
| 2000 JK <sub>6</sub>   | 2008 10 13.3 | 01 15.01 -18 29.3 20.6 | -0.74 - 3.6 | 6.6/04.4  | 01999 |
| 2001 VG <sub>40</sub>  | 2008 10 13.3 | 01 15.03 -03 14.8 18.4 | -0.92 - 4.0 | 5.1/10.1  | 20752 |
| 2003 WF <sub>143</sub> | 2008 10 13.3 | 01 15.05 -07 34.6 18.4 | -1.02 + 3.1 | 6.1/10.0  | 40683 |
| 2006 BD <sub>259</sub> | 2008 10 13.4 | 01 15.00 +03 10.3 20.1 | -0.84 - 5.0 | 1.6/11.9  | 43257 |
| 2005 EN <sub>32</sub>  | 2008 10 13.4 | 01 15.01 +08 40.8 18.6 | -0.82 - 3.0 | 0.2/13.6  | 43230 |
| 1999 XC <sub>156</sub> | 2008 10 13.4 | 01 15.03 +19 20.5 18.0 | -0.76 - 8.0 | 4.7/17.4  | 43102 |
| 2004 PP <sub>9</sub>   | 2008 10 13.4 | 01 15.04 +06 37.6 19.8 | -0.93 - 6.7 | 0.5/13.0  | 43203 |
| 2003 WW <sub>3</sub>   | 2008 10 13.4 | 01 15.04 +10 51.6 19.5 | -0.72 - 6.7 | 0.8/14.4  | 77741 |
| 2006 DQ <sub>22</sub>  | 2008 10 13.4 | 01 15.09 +12 10.9 20.5 | -0.93 - 3.3 | 1.4/14.6  | 43259 |
| 2004 TJ <sub>243</sub> | 2008 10 13.4 | 01 15.10 +10 41.1 19.7 | -0.93 - 4.2 | 1.0/14.2  | 43218 |
| 2006 EX <sub>18</sub>  | 2008 10 13.4 | 01 15.11 +11 44.8 20.8 | -0.88 - 3.7 | 1.3/14.6  | 43264 |
| 2003 YK <sub>71</sub>  | 2008 10 13.4 | 01 15.12 +18 30.1 19.5 | -0.75 - 4.9 | 2.9/16.9  | 76327 |
| 2002 JW <sub>129</sub> | 2008 10 13.4 | 01 15.13 -03 24.4 19.7 | -0.89 - 5.4 | 3.7/09.9  | 14663 |
| 2002 PZ <sub>102</sub> | 2008 10 13.4 | 01 15.14 +07 28.7 18.8 | -0.68 - 9.5 | 0.2/13.3  | 02114 |
| 2003 EE <sub>21</sub>  | 2008 10 13.4 | 01 15.15 +11 36.2 20.3 | -1.02 - 5.1 | 1.4/14.5  | 43168 |
| 2007 FM <sub>24</sub>  | 2008 10 13.4 | 01 15.16 -29 49.7 19.7 | -0.97 -10.8 | 15.8/28.0 | 19458 |
| 2005 YN <sub>100</sub> | 2008 10 13.4 | 01 15.20 -05 00.6 19.1 | -0.87 - 3.5 | 6.1/09.6  | 20831 |
| 2002 EG <sub>135</sub> | 2008 10 13.4 | 01 15.21 +02 44.8 20.0 | -0.83 - 8.2 | 1.8/11.7  | 02089 |
| 2005 EH <sub>124</sub> | 2008 10 13.4 | 01 15.22 +04 29.7 19.4 | -0.77 - 4.1 | 1.1/12.4  | 86654 |
| 1998 YD <sub>16</sub>  | 2008 10 13.4 | 01 15.26 +07 49.1 21.1 | -0.80 - 5.1 | 0.0/13.4  | 43096 |
| 2006 AF <sub>101</sub> | 2008 10 13.4 | 01 15.28 -02 24.5 20.9 | -0.91 - 7.9 | 4.5/10.0  | 11154 |
| 2002 GJ <sub>120</sub> | 2008 10 13.4 | 01 15.30 +10 23.2 19.6 | -0.95 - 2.6 | 0.8/14.1  | 43153 |
| 2006 EF <sub>46</sub>  | 2008 10 13.4 | 01 15.31 +12 34.0 20.2 | -0.99 - 5.0 | 1.8/14.8  | 11164 |
| 2006 FC <sub>3</sub>   | 2008 10 13.4 | 01 15.32 +07 06.8 23.1 | -0.79 - 3.1 | 0.2/13.2  | 02308 |
| 2002 AU <sub>196</sub> | 2008 10 13.4 | 01 15.32 +10 42.8 18.9 | -0.84 - 5.1 | 1.3/14.3  | 00141 |
| 2003 ST <sub>121</sub> | 2008 10 13.4 | 01 15.33 +24 43.5 19.4 | -0.94 - 3.6 | 5.2/18.7  | 21332 |
| 2005 YV <sub>131</sub> | 2008 10 13.4 | 01 15.34 +01 36.1 20.0 | -0.87 - 5.3 | 2.3/11.5  | 20831 |
| 2006 HB <sub>110</sub> | 2008 10 13.4 | 01 15.38 -09 24.7 20.2 | -1.08 + 0.3 | 5.2/09.1  | 01723 |
| 2005 EH <sub>250</sub> | 2008 10 13.4 | 01 15.39 +06 14.0 19.9 | -0.71 - 7.7 | 0.5/12.9  | 43231 |
| 2001 DA <sub>38</sub>  | 2008 10 13.4 | 01 15.39 +13 37.5 17.8 | -0.85 - 6.0 | 2.3/15.3  | 41763 |
| 2002 QL <sub>31</sub>  | 2008 10 13.4 | 01 15.40 +10 12.4 20.2 | -0.81 - 3.5 | 0.6/14.2  | 43159 |
| 2001 WY <sub>11</sub>  | 2008 10 13.4 | 01 15.41 +05 32.9 18.9 | -0.84 - 7.3 | 1.1/12.7  | 43137 |
| 2004 XS <sub>37</sub>  | 2008 10 13.4 | 01 15.43 -16 49.2 19.1 | -0.97 + 0.3 | 8.5/07.0  | 22782 |
| 2004 TM <sub>297</sub> | 2008 10 13.4 | 01 15.44 +24 03.1 18.9 | -0.83 -15.6 | 5.6/19.9  | 02222 |
| 2001 UY <sub>58</sub>  | 2008 10 13.4 | 01 15.47 +08 11.2 18.7 | -1.14 - 1.7 | 0.1/13.6  | 17423 |
| 2005 YA <sub>133</sub> | 2008 10 13.5 | 01 15.37 +10 06.8 21.4 | -0.97 - 4.8 | 0.7/14.1  | 43248 |
| 2004 TS <sub>335</sub> | 2008 10 13.5 | 01 15.39 +11 51.8 20.5 | -0.85 - 7.7 | 1.4/14.8  | 00833 |
| 2001 RU <sub>130</sub> | 2008 10 13.5 | 01 15.39 +07 48.6 19.5 | -1.05 - 4.4 | 0.1/13.5  | 43125 |
| 2006 AT <sub>11</sub>  | 2008 10 13.5 | 01 15.48 +02 08.0 20.0 | -0.96 - 6.5 | 2.2/11.7  | 02268 |
| 2006 JJ <sub>47</sub>  | 2008 10 13.5 | 01 15.50 +21 23.3 20.1 | -0.72 - 7.0 | 3.5/18.3  | 01770 |
| 2005 YZ <sub>26</sub>  | 2008 10 13.5 | 01 15.52 +16 49.0 20.5 | -0.98 - 5.2 | 3.2/16.2  | 96683 |
| 2002 GN <sub>49</sub>  | 2008 10 13.5 | 01 15.52 +18 50.0 20.3 | -0.88 - 6.2 | 3.5/17.0  | 97591 |
| 2005 CW <sub>78</sub>  | 2008 10 13.5 | 01 15.53 +18 17.6 20.4 | -0.82 - 2.7 | 2.9/16.6  | 11080 |
| 2007 GB <sub>19</sub>  | 2008 10 13.5 | 01 15.56 +09 41.3 20.6 | -0.96 - 7.1 | 0.6/14.1  | 43279 |
| 2006 BR <sub>188</sub> | 2008 10 13.5 | 01 15.60 +16 18.3 20.1 | -0.99 - 2.3 | 2.7/15.9  | 01279 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 PR <sub>4</sub>   | 2008 10 13.5 | 01 15.60 +04 59.2 18.2 | -0.66 - 9.5 | 1.1/12.5  | 43157 |
| 2007 JB <sub>17</sub>  | 2008 10 13.5 | 01 15.61 +04 58.9 21.7 | -0.93 - 6.2 | 1.0/12.6  | 20672 |
| 2007 FH                | 2008 10 13.5 | 01 15.61 +08 04.7 20.0 | -1.05 - 4.1 | 0.0/13.6  | 43278 |
| 2001 XE <sub>162</sub> | 2008 10 13.5 | 01 15.63 +02 21.2 19.6 | -0.64 - 3.9 | 1.5/11.7  | 24339 |
| 1999 TR <sub>292</sub> | 2008 10 13.5 | 01 15.72 +18 22.6 17.9 | -0.79 - 7.6 | 4.2/17.1  | 43100 |
| 2004 XZ <sub>2</sub>   | 2008 10 13.5 | 01 15.73 -07 14.7 20.7 | -0.89 - 3.8 | 5.0/08.9  | 02228 |
| 2007 HC <sub>80</sub>  | 2008 10 13.5 | 01 15.75 +04 51.6 20.2 | -0.86 - 6.7 | 1.1/12.6  | 22890 |
| 2002 GP <sub>60</sub>  | 2008 10 13.5 | 01 15.76 +10 59.6 18.2 | -0.77 -11.2 | 1.1/14.7  | 43153 |
| 2000 VT <sub>64</sub>  | 2008 10 13.5 | 01 15.77 +15 55.4 19.2 | -0.84 - 4.8 | 3.7/16.1  | 72222 |
| 2005 AR <sub>27</sub>  | 2008 10 13.5 | 01 15.80 -06 34.6 21.6 | -0.74 - 4.8 | 3.7/08.8  | 77801 |
| 2005 EL <sub>209</sub> | 2008 10 13.5 | 01 15.82 +38 01.3 20.6 | -0.97 - 1.4 | 8.1/23.4  | 24465 |
| 2007 JB <sub>26</sub>  | 2008 10 13.6 | 01 15.77 +02 08.3 21.5 | -0.96 - 7.3 | 2.3/11.8  | 41346 |
| 2002 GT <sub>43</sub>  | 2008 10 13.6 | 01 15.82 +14 28.8 19.8 | -0.93 - 3.3 | 2.1/15.5  | 02092 |
| 2001 XK <sub>84</sub>  | 2008 10 13.6 | 01 15.82 -03 57.7 19.1 | -0.92 - 7.3 | 4.9/09.7  | 43139 |
| 2000 UU <sub>62</sub>  | 2008 10 13.6 | 01 15.83 +18 53.7 18.4 | -0.89 - 6.9 | 4.3/17.2  | 22678 |
| 2001 XA <sub>215</sub> | 2008 10 13.6 | 01 15.83 -13 06.1 18.3 | -0.89 - 6.1 | 9.0/06.3  | 02056 |
| 2002 GD <sub>154</sub> | 2008 10 13.6 | 01 15.85 -07 27.3 21.1 | -0.82 - 4.0 | 4.4/08.9  | 10872 |
| 2003 WF <sub>27</sub>  | 2008 10 13.6 | 01 15.89 +20 16.3 19.7 | -0.78 - 5.5 | 3.6/17.7  | 21337 |
| 2000 QW <sub>242</sub> | 2008 10 13.6 | 01 15.89 +07 24.7 20.5 | -0.90 - 6.1 | 0.2/13.4  | 43108 |
| 2005 BL <sub>10</sub>  | 2008 10 13.6 | 01 15.90 -09 18.7 19.0 | -0.79 - 2.9 | 5.5/08.4  | 02241 |
| 2005 YN <sub>93</sub>  | 2008 10 13.6 | 01 15.91 -08 36.2 18.0 | -0.84 + 1.9 | 9.7/09.2  | 98049 |
| 2003 WR <sub>26</sub>  | 2008 10 13.6 | 01 15.91 +29 51.8 18.8 | -1.81 + 8.5 | 11.5/16.6 | 43193 |
| 2000 JZ <sub>44</sub>  | 2008 10 13.6 | 01 15.93 +05 11.6 19.9 | -0.97 - 5.8 | 1.1/12.8  | 19524 |
| 2003 WG <sub>22</sub>  | 2008 10 13.6 | 01 15.98 -02 47.8 20.2 | -0.93 - 1.6 | 3.8/10.6  | 58049 |
| 2002 AG <sub>46</sub>  | 2008 10 13.6 | 01 16.00 +04 45.3 20.7 | -0.91 - 6.4 | 1.2/12.6  | 03281 |
| 2005 YO <sub>56</sub>  | 2008 10 13.6 | 01 16.04 +03 14.6 20.3 | -0.92 - 5.1 | 1.6/12.2  | 02264 |
| 2004 VZ <sub>16</sub>  | 2008 10 13.6 | 01 16.07 +20 12.4 19.1 | -0.82 -11.0 | 4.5/18.2  | 20811 |
| 2007 MW <sub>21</sub>  | 2008 10 13.6 | 01 16.14 -05 07.1 19.4 | -0.76 -11.1 | 4.8/08.9  | 21882 |
| 2005 YS <sub>181</sub> | 2008 10 13.6 | 01 16.16 -01 55.8 19.3 | -1.09 - 1.0 | 3.7/11.2  | 02266 |
| 2003 AS <sub>22</sub>  | 2008 10 13.6 | 01 16.18 +42 01.1 20.2 | -1.26 - 2.7 | 10.1/25.0 | 22727 |
| 2002 UG <sub>62</sub>  | 2008 10 13.6 | 01 16.23 +34 27.7 20.3 | -1.24 + 2.5 | 8.5/20.6  | 74236 |
| 2004 TF <sub>42</sub>  | 2008 10 13.7 | 01 16.12 +12 31.6 18.9 | -0.88 - 5.4 | 1.8/15.1  | 02215 |
| 2000 CP <sub>42</sub>  | 2008 10 13.7 | 01 16.12 -21 06.2 20.5 | -0.70 - 5.7 | 7.0/03.2  | 99935 |
| 2003 SP <sub>314</sub> | 2008 10 13.7 | 01 16.14 +01 57.1 19.9 | -0.83 - 4.5 | 2.1/11.9  | 21334 |
| 2002 JE <sub>62</sub>  | 2008 10 13.7 | 01 16.14 +07 28.7 19.9 | -0.79 - 7.0 | 0.2/13.5  | 85515 |
| 2003 UW <sub>223</sub> | 2008 10 13.7 | 01 16.14 +03 21.9 18.2 | -0.89 - 0.6 | 1.8/12.5  | 43190 |
| 2006 HO <sub>152</sub> | 2008 10 13.7 | 01 16.16 +06 11.0 21.2 | -0.75 - 4.8 | 0.5/13.1  | 24084 |
| 2007 EK <sub>169</sub> | 2008 10 13.7 | 01 16.16 +05 03.3 19.7 | -0.95 - 3.8 | 1.2/12.9  | 20857 |
| 2004 XO <sub>126</sub> | 2008 10 13.7 | 01 16.17 +01 44.8 18.8 | -0.82 - 4.9 | 2.3/11.8  | 02234 |
| 2006 AY <sub>9</sub>   | 2008 10 13.7 | 01 16.17 +08 17.4 20.3 | -0.88 - 7.0 | 0.1/13.8  | 43250 |
| 2002 GC <sub>183</sub> | 2008 10 13.7 | 01 16.17 -11 09.2 21.1 | -0.82 - 5.0 | 5.7/07.5  | 31202 |
| 2004 JC <sub>3</sub>   | 2008 10 13.7 | 01 16.20 +08 12.9 19.8 | -1.05 - 5.4 | 0.1/13.8  | 43201 |
| 2002 JR <sub>73</sub>  | 2008 10 13.7 | 01 16.23 +04 55.4 21.0 | -0.77 - 7.1 | 0.9/12.7  | 21780 |
| 2003 FX <sub>23</sub>  | 2008 10 13.7 | 01 16.24 +05 44.8 20.4 | -0.93 - 6.0 | 0.8/13.0  | 21325 |
| 2004 VO <sub>59</sub>  | 2008 10 13.7 | 01 16.25 +13 22.1 19.0 | -0.88 - 5.2 | 2.1/15.4  | 02226 |
| 2000 YJ <sub>130</sub> | 2008 10 13.7 | 01 16.31 -00 30.5 19.7 | -0.89 - 4.9 | 3.3/11.1  | 72302 |
| 2007 LO <sub>17</sub>  | 2008 10 13.7 | 01 16.37 +03 32.4 20.6 | -1.02 - 4.8 | 1.7/12.5  | 21254 |
| 1993 TK <sub>26</sub>  | 2008 10 13.7 | 01 16.38 +03 56.4 18.1 | -1.03 + 2.2 | 1.7/12.8  | 01962 |
| 1999 VW <sub>119</sub> | 2008 10 13.7 | 01 16.41 +09 54.9 20.4 | -0.88 - 3.9 | 0.6/14.3  | 43101 |
| 2003 WR <sub>71</sub>  | 2008 10 13.7 | 01 16.44 +23 07.9 19.5 | -0.81 - 4.9 | 4.7/18.7  | 21337 |
| 2002 CL <sub>11</sub>  | 2008 10 13.7 | 01 16.45 +15 41.7 21.0 | -0.94 - 4.6 | 2.5/16.1  | 02069 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2002 QQ <sub>96</sub>  | 2008 10 13.7 | 01 16.46 +15 30.0 20.6 | -0.86 - 2.9 | 2.2/16.0  | 00336 |
| 2004 RE <sub>241</sub> | 2008 10 13.7 | 01 16.47 +10 30.4 20.6 | -0.99 - 4.9 | 0.9/14.5  | 43211 |
| 2006 BE <sub>102</sub> | 2008 10 13.7 | 01 16.47 +12 06.1 20.1 | -0.90 - 5.5 | 1.5/15.0  | 01251 |
| 2003 KW <sub>3</sub>   | 2008 10 13.7 | 01 16.50 +13 46.8 19.1 | -0.99 - 3.7 | 2.0/15.4  | 20780 |
| 1999 RJ <sub>133</sub> | 2008 10 13.7 | 01 16.52 +12 59.8 20.8 | -0.91 - 4.0 | 1.7/15.2  | 93756 |
| 2001 VP <sub>79</sub>  | 2008 10 13.8 | 01 16.49 +00 49.6 18.9 | -0.90 - 5.8 | 3.4/11.5  | 94274 |
| 2003 YV <sub>111</sub> | 2008 10 13.8 | 01 16.52 +26 45.2 19.4 | -0.86 - 3.7 | 6.7/19.7  | 23969 |
| 2004 PZ <sub>47</sub>  | 2008 10 13.8 | 01 16.53 +10 02.2 18.3 | -0.84 - 7.2 | 0.9/14.5  | 43204 |
| 2007 EN <sub>119</sub> | 2008 10 13.8 | 01 16.54 +04 07.6 19.4 | -1.05 - 2.7 | 1.6/12.8  | 22882 |
| 2006 DJ <sub>190</sub> | 2008 10 13.8 | 01 16.57 +01 26.0 19.8 | -0.88 - 6.5 | 2.5/11.7  | 11163 |
| 2005 EU <sub>85</sub>  | 2008 10 13.8 | 01 16.59 +06 03.0 20.3 | -0.75 - 4.2 | 0.6/13.2  | 76848 |
| 2003 SU <sub>336</sub> | 2008 10 13.8 | 01 16.60 -09 23.9 20.2 | -0.84 - 2.3 | 5.7/08.8  | 22746 |
| 2003 KT <sub>7</sub>   | 2008 10 13.8 | 01 16.61 -13 57.2 20.9 | -0.83 - 5.2 | 7.4/06.7  | 00444 |
| 2005 YP <sub>269</sub> | 2008 10 13.8 | 01 16.61 -01 04.2 20.6 | -0.86 - 6.3 | 3.1/10.9  | 02268 |
| 2004 VR <sub>29</sub>  | 2008 10 13.8 | 01 16.62 +05 32.2 20.2 | -0.85 - 5.4 | 0.9/13.0  | 02225 |
| 2007 FZ <sub>30</sub>  | 2008 10 13.8 | 01 16.62 +06 09.5 20.0 | -0.89 - 8.6 | 0.8/13.2  | 43278 |
| 2001 BO <sub>67</sub>  | 2008 10 13.8 | 01 16.62 +17 47.0 19.4 | -0.94 - 3.1 | 3.1/16.6  | 02027 |
| 2002 CX <sub>11</sub>  | 2008 10 13.8 | 01 16.65 -02 52.4 22.2 | -0.78 - 6.5 | 2.7/10.2  | 19568 |
| 2006 EA <sub>41</sub>  | 2008 10 13.8 | 01 16.70 +08 31.9 20.7 | -0.74 - 5.7 | 0.1/14.0  | 26142 |
| 2001 YL <sub>103</sub> | 2008 10 13.8 | 01 16.73 +02 36.6 19.2 | -0.91 - 6.0 | 2.3/12.1  | 94448 |
| 2002 RW <sub>109</sub> | 2008 10 13.8 | 01 16.74 +15 28.2 18.7 | -0.78 - 4.6 | 2.3/16.2  | 31820 |
| 2003 RS <sub>15</sub>  | 2008 10 13.8 | 01 16.76 +22 33.6 18.9 | -0.91 - 5.2 | 5.1/18.6  | 95055 |
| 2003 YO <sub>42</sub>  | 2008 10 13.8 | 01 16.79 +09 00.2 20.0 | -0.73 - 4.7 | 0.2/14.2  | 43197 |
| 2002 TA <sub>317</sub> | 2008 10 13.8 | 01 16.80 +19 11.9 20.4 | -0.76 - 5.9 | 3.5/17.6  | 56711 |
| 2004 RO <sub>191</sub> | 2008 10 13.8 | 01 16.81 +12 58.7 19.5 | -0.89 - 7.6 | 1.8/15.5  | 20799 |
| 2007 LQ <sub>1</sub>   | 2008 10 13.8 | 01 16.83 -19 15.0 19.9 | -0.86 - 0.5 | 9.2/06.1  | 21246 |
| 2003 WM <sub>30</sub>  | 2008 10 13.8 | 01 16.87 -03 52.1 19.8 | -0.84 - 1.6 | 3.2/10.5  | 11002 |
| 2003 EK <sub>39</sub>  | 2008 10 13.8 | 01 16.89 -17 53.2 19.8 | -0.92 - 4.6 | 9.0/05.6  | 20776 |
| 2005 MA <sub>2</sub>   | 2008 10 13.8 | 01 16.91 +31 06.7 19.5 | -1.21 -13.2 | 8.8/22.3  | 14738 |
| 2001 TB <sub>204</sub> | 2008 10 13.8 | 01 16.92 -01 14.3 18.8 | -1.05 - 3.4 | 4.0/11.3  | 97487 |
| 2000 EB <sub>74</sub>  | 2008 10 13.8 | 01 16.93 +16 52.6 19.2 | -0.85 - 3.5 | 2.9/16.6  | 93809 |
| 2001 KG                | 2008 10 13.8 | 01 16.94 -03 28.6 17.4 | -1.13 + 2.8 | 6.3/11.6  | 97439 |
| 2000 KU <sub>8</sub>   | 2008 10 13.9 | 01 16.88 +05 44.4 20.1 | -0.73 - 4.0 | 0.6/13.2  | 01999 |
| 2006 DE <sub>91</sub>  | 2008 10 13.9 | 01 16.92 +07 37.3 21.1 | -0.80 - 5.2 | 0.1/13.8  | 39254 |
| 2002 CT <sub>170</sub> | 2008 10 13.9 | 01 16.96 -04 20.5 20.1 | -0.85 - 5.9 | 4.0/09.9  | 02077 |
| 2005 YY <sub>148</sub> | 2008 10 13.9 | 01 16.96 -00 22.5 20.0 | -1.01 - 3.6 | 3.9/11.5  | 09479 |
| 2006 ET <sub>7</sub>   | 2008 10 13.9 | 01 17.01 +03 47.7 19.5 | -0.81 - 7.1 | 1.9/12.5  | 01464 |
| 2000 DM <sub>64</sub>  | 2008 10 13.9 | 01 17.03 +05 13.7 20.7 | -0.70 - 5.3 | 0.7/13.0  | 99939 |
| 2003 RE <sub>22</sub>  | 2008 10 13.9 | 01 17.04 +26 16.9 19.6 | -0.97 - 3.1 | 6.0/19.6  | 43175 |
| 2002 QO <sub>67</sub>  | 2008 10 13.9 | 01 17.07 +04 43.6 20.3 | -0.76 - 4.7 | 1.0/12.9  | 10894 |
| 2006 BV <sub>2</sub>   | 2008 10 13.9 | 01 17.07 -04 39.9 20.0 | -0.98 - 5.6 | 5.2/10.0  | 01224 |
| 2003 XO <sub>9</sub>   | 2008 10 13.9 | 01 17.08 +27 03.0 19.2 | -0.91 - 2.1 | 5.9/19.6  | 26697 |
| 2004 FK <sub>147</sub> | 2008 10 13.9 | 01 17.11 -14 27.2 19.4 | -0.83 -13.8 | 8.9/05.3  | 19611 |
| 2004 MP <sub>2</sub>   | 2008 10 13.9 | 01 17.11 -29 27.6 20.0 | -1.04 - 2.2 | 12.6/02.2 | 20791 |
| 1999 TQ <sub>218</sub> | 2008 10 13.9 | 01 17.16 +09 15.9 18.3 | -0.96 - 1.4 | 0.5/14.3  | 19047 |
| 2006 BQ <sub>38</sub>  | 2008 10 13.9 | 01 17.22 +03 14.6 19.9 | -0.92 - 6.4 | 2.0/12.4  | 97008 |
| 2000 GV <sub>30</sub>  | 2008 10 13.9 | 01 17.25 +08 09.0 20.7 | -1.01 - 5.0 | 0.0/14.0  | 20733 |
| 2006 HX <sub>98</sub>  | 2008 10 13.9 | 01 17.26 -02 55.7 21.5 | -0.78 - 2.3 | 3.0/10.7  | 26163 |
| 2003 EZ                | 2008 10 13.9 | 01 17.26 +13 34.1 20.1 | -1.03 - 4.0 | 1.8/15.5  | 97638 |
| 2000 GY <sub>170</sub> | 2008 10 13.9 | 01 17.28 +14 39.7 19.4 | -1.08 - 4.0 | 2.5/15.8  | 43362 |
| 2006 AR <sub>76</sub>  | 2008 10 13.9 | 01 17.28 -00 42.0 21.7 | -0.87 - 5.7 | 2.9/11.2  | 96954 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1998 UE <sub>10</sub>  | 2008 10 13.9 | 01 17.29 +12 33.1 18.9 | -0.76 - 6.6 | 1.6/15.5  | 77377 |
| 2004 XP <sub>117</sub> | 2008 10 13.9 | 01 17.30 -16 37.0 20.2 | -0.87 - 2.3 | 7.7/06.3  | 86601 |
| 2007 GK <sub>73</sub>  | 2008 10 13.9 | 01 17.31 -13 43.0 19.2 | -0.95 - 0.5 | 7.9/08.2  | 43280 |
| 2002 PL <sub>184</sub> | 2008 10 14.0 | 01 17.24 -16 22.9 19.7 | -0.73 - 4.2 | 8.2/05.7  | 31212 |
| 2000 UA <sub>64</sub>  | 2008 10 14.0 | 01 17.24 +18 28.7 19.2 | -0.79 -10.4 | 4.2/17.8  | 97410 |
| 2006 BU <sub>31</sub>  | 2008 10 14.0 | 01 17.26 +17 25.7 19.7 | -1.02 - 3.0 | 4.0/16.6  | 03840 |
| 2003 WK <sub>92</sub>  | 2008 10 14.0 | 01 17.27 +09 33.6 18.3 | -0.70 - 9.6 | 0.5/14.5  | 77746 |
| 2001 SW <sub>121</sub> | 2008 10 14.0 | 01 17.30 +17 36.9 18.7 | -1.01 - 5.6 | 4.0/16.9  | 97467 |
| 2002 PJ <sub>168</sub> | 2008 10 14.0 | 01 17.32 -08 47.1 20.0 | -0.74 - 4.7 | 5.3/08.5  | 03352 |
| 2002 GX <sub>102</sub> | 2008 10 14.0 | 01 17.35 +08 40.3 20.9 | -0.85 - 5.6 | 0.2/14.2  | 43153 |
| 2007 GN <sub>24</sub>  | 2008 10 14.0 | 01 17.36 -07 10.4 20.8 | -0.95 - 1.6 | 5.0/09.9  | 21363 |
| 2007 NG                | 2008 10 14.0 | 01 17.44 -15 56.9 20.2 | -0.87 - 2.9 | 8.0/06.7  | 43285 |
| 2003 WF <sub>127</sub> | 2008 10 14.0 | 01 17.45 +49 10.7 18.0 | -0.93 - 4.6 | 14.3/01.9 | 57362 |
| 2004 BY <sub>109</sub> | 2008 10 14.0 | 01 17.47 +45 53.8 19.6 | -1.45 - 1.2 | 17.1/26.4 | 04291 |
| 2005 XF <sub>37</sub>  | 2008 10 14.0 | 01 17.49 +11 55.3 21.3 | -0.98 - 5.4 | 1.3/15.2  | 96621 |
| 2007 FM <sub>28</sub>  | 2008 10 14.0 | 01 17.49 +20 29.7 18.2 | -1.22 + 0.3 | 6.5/18.0  | 42880 |
| 2002 OH <sub>15</sub>  | 2008 10 14.0 | 01 17.50 +00 35.1 19.4 | -0.71 - 7.7 | 2.5/11.4  | 43156 |
| 2007 HX <sub>61</sub>  | 2008 10 14.0 | 01 17.51 +05 36.8 21.2 | -0.96 - 6.8 | 0.9/13.3  | 41343 |
| 2002 RH <sub>30</sub>  | 2008 10 14.0 | 01 17.53 +32 29.4 19.1 | -1.00 - 0.8 | 7.5/21.4  | 22710 |
| 2000 DK <sub>14</sub>  | 2008 10 14.0 | 01 17.54 +08 13.0 20.7 | -0.72 - 4.3 | 0.0/14.1  | 24303 |
| 2004 RB <sub>310</sub> | 2008 10 14.0 | 01 17.54 +13 34.7 17.6 | -0.73 - 9.1 | 2.5/16.0  | 02212 |
| 2000 XC <sub>3</sub>   | 2008 10 14.0 | 01 17.55 +26 09.0 17.8 | -1.03 - 1.0 | 8.1/19.0  | 43115 |
| 2003 XH <sub>3</sub>   | 2008 10 14.0 | 01 17.56 +29 57.6 19.9 | -0.79 - 7.9 | 5.9/22.0  | 08808 |
| 2003 WA <sub>143</sub> | 2008 10 14.0 | 01 17.61 -05 00.2 20.1 | -0.77 - 3.0 | 3.7/10.1  | 02195 |
| 2005 CY                | 2008 10 14.0 | 01 17.62 -27 14.0 20.9 | -0.72 - 4.2 | 8.1/01.0  | 00916 |
| 1993 FK <sub>40</sub>  | 2008 10 14.0 | 01 17.64 +01 21.2 19.4 | -0.78 - 7.7 | 2.0/11.8  | 97322 |
| 2004 PO <sub>76</sub>  | 2008 10 14.0 | 01 17.67 +13 30.2 20.0 | -1.03 - 4.9 | 2.0/15.6  | 19618 |
| 2005 OQ <sub>16</sub>  | 2008 10 14.1 | 01 17.60 -26 47.2 19.9 | -0.98 -11.3 | 14.4/29.9 | 18114 |
| 2007 RT <sub>75</sub>  | 2008 10 14.1 | 01 17.61 +04 05.3 20.3 | -0.48 - 3.2 | 0.7/12.7  | 26792 |
| 2006 HE <sub>46</sub>  | 2008 10 14.1 | 01 17.63 -13 28.9 20.5 | -0.79 - 4.3 | 6.2/07.0  | 21359 |
| 2003 QD <sub>24</sub>  | 2008 10 14.1 | 01 17.64 +26 14.9 19.4 | -0.97 - 2.9 | 6.6/19.7  | 43174 |
| 2003 WT <sub>192</sub> | 2008 10 14.1 | 01 17.64 -17 35.8 19.5 | -0.83 - 1.7 | 7.8/06.0  | 08807 |
| 2002 AU <sub>176</sub> | 2008 10 14.1 | 01 17.65 +03 17.3 20.2 | -0.96 - 5.1 | 1.9/12.7  | 02067 |
| 2001 UX <sub>175</sub> | 2008 10 14.1 | 01 17.65 +07 04.0 20.7 | -0.91 - 7.8 | 0.4/13.7  | 43135 |
| 2006 DF <sub>165</sub> | 2008 10 14.1 | 01 17.66 -03 16.1 21.1 | -0.71 - 6.0 | 3.2/10.3  | 11162 |
| 2004 XP <sub>172</sub> | 2008 10 14.1 | 01 17.67 +06 57.6 18.9 | -0.89 - 4.0 | 0.5/13.8  | 97777 |
| 2006 KA <sub>37</sub>  | 2008 10 14.1 | 01 17.70 +04 48.1 21.1 | -0.73 - 4.3 | 0.9/13.1  | 24496 |
| 2002 HG <sub>14</sub>  | 2008 10 14.1 | 01 17.73 +20 38.3 19.1 | -1.01 - 2.2 | 4.2/18.0  | 43154 |
| 2003 SM <sub>107</sub> | 2008 10 14.1 | 01 17.74 +13 38.4 18.9 | -0.81 - 5.5 | 1.7/15.9  | 43178 |
| 2004 GN <sub>12</sub>  | 2008 10 14.1 | 01 17.76 +16 18.2 19.3 | -1.02 - 8.1 | 3.4/16.8  | 22772 |
| 2003 YY <sub>95</sub>  | 2008 10 14.1 | 01 17.77 +17 07.1 19.8 | -0.74 - 7.0 | 3.0/17.2  | 14063 |
| 2000 ET <sub>128</sub> | 2008 10 14.1 | 01 17.77 +06 06.2 19.8 | -0.82 - 3.2 | 0.6/13.5  | 77449 |
| 2003 WC <sub>143</sub> | 2008 10 14.1 | 01 17.77 -07 22.5 20.0 | -0.79 - 2.2 | 4.6/09.5  | 11006 |
| 2005 UU <sub>130</sub> | 2008 10 14.1 | 01 17.79 +13 23.0 18.5 | -1.01 - 8.5 | 2.4/15.8  | 43237 |
| 2005 XV <sub>49</sub>  | 2008 10 14.1 | 01 17.82 +21 47.5 20.0 | -1.06 - 4.9 | 5.6/18.0  | 96626 |
| 2001 UX <sub>137</sub> | 2008 10 14.1 | 01 17.82 +05 11.1 19.5 | -1.03 - 4.0 | 1.2/13.3  | 22689 |
| 2001 DH <sub>104</sub> | 2008 10 14.1 | 01 17.84 +04 29.4 19.3 | -0.82 - 5.5 | 1.3/13.0  | 02030 |
| 2003 WF <sub>150</sub> | 2008 10 14.1 | 01 17.85 -19 04.1 18.5 | -0.90 + 1.0 | 9.9/07.0  | 43195 |
| 2002 NM <sub>4</sub>   | 2008 10 14.1 | 01 17.87 -07 24.4 18.6 | -0.71 - 6.3 | 5.3/08.8  | 43156 |
| 2003 FC <sub>90</sub>  | 2008 10 14.1 | 01 17.88 +16 56.2 19.4 | -1.04 - 3.9 | 3.3/16.7  | 97647 |
| 2005 WC <sub>143</sub> | 2008 10 14.1 | 01 17.89 +03 16.3 20.1 | -1.02 - 4.6 | 1.9/12.8  | 26104 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2001 YW <sub>64</sub>  | 2008 10 14.1 | 01 17.90 +06 07.7 18.7 | -0.96 - 3.8 | 0.9/13.6  | 02058 |
| 2001 RM <sub>88</sub>  | 2008 10 14.1 | 01 17.93 +06 08.8 18.8 | -1.06 - 1.5 | 1.0/13.6  | 22686 |
| 2002 AO <sub>198</sub> | 2008 10 14.1 | 01 17.93 +17 21.8 19.3 | -0.88 - 5.5 | 4.3/17.0  | 33960 |
| 2004 RA <sub>84</sub>  | 2008 10 14.1 | 01 17.93 +22 59.6 17.4 | -0.75 -10.2 | 6.8/19.9  | 43208 |
| 2003 WC <sub>68</sub>  | 2008 10 14.1 | 01 17.94 +23 44.9 20.6 | -0.75 - 7.3 | 4.6/19.7  | 58059 |
| 2004 VU <sub>70</sub>  | 2008 10 14.1 | 01 17.95 +02 52.8 19.4 | -0.88 - 4.4 | 1.8/12.6  | 02227 |
| 2002 CQ <sub>12</sub>  | 2008 10 14.1 | 01 18.00 +13 21.7 20.4 | -0.90 - 5.2 | 1.6/15.8  | 02069 |
| 2003 OS <sub>18</sub>  | 2008 10 14.1 | 01 18.01 +30 36.7 19.3 | -0.94 - 4.0 | 8.7/21.8  | 74261 |
| 2005 TF <sub>90</sub>  | 2008 10 14.1 | 01 18.02 -46 15.0 18.4 | -1.34 + 6.8 | 24.9/28.0 | 40695 |
| 2001 DS <sub>62</sub>  | 2008 10 14.1 | 01 18.03 +14 53.0 19.7 | -0.92 - 3.6 | 2.5/16.1  | 72356 |
| 2007 GW <sub>25</sub>  | 2008 10 14.1 | 01 18.03 +01 35.9 21.0 | -0.90 - 6.5 | 2.4/12.1  | 20865 |
| 2007 ES <sub>218</sub> | 2008 10 14.2 | 01 17.98 -02 56.7 20.6 | -1.00 - 4.5 | 4.2/11.0  | 39837 |
| 2002 EL <sub>111</sub> | 2008 10 14.2 | 01 17.98 +00 43.2 20.3 | -0.89 - 4.4 | 2.5/12.0  | 94705 |
| 2002 CR <sub>230</sub> | 2008 10 14.2 | 01 17.98 +05 59.0 19.9 | -0.90 - 4.1 | 0.8/13.5  | 02079 |
| 2004 VW <sub>84</sub>  | 2008 10 14.2 | 01 17.98 +09 35.1 20.6 | -0.86 - 5.2 | 0.5/14.6  | 43223 |
| 2001 UX <sub>115</sub> | 2008 10 14.2 | 01 18.02 +03 58.4 19.5 | -1.00 - 4.1 | 1.9/13.0  | 30519 |
| 2005 YZ <sub>30</sub>  | 2008 10 14.2 | 01 18.05 +10 11.0 20.8 | -0.93 - 5.5 | 0.6/14.8  | 98037 |
| 2004 TL <sub>103</sub> | 2008 10 14.2 | 01 18.06 +11 54.0 18.8 | -0.80 -12.0 | 1.4/15.6  | 11071 |
| 2006 FJ <sub>16</sub>  | 2008 10 14.2 | 01 18.09 +10 08.8 20.2 | -0.85 - 3.1 | 0.6/14.8  | 43265 |
| 2006 GR <sub>21</sub>  | 2008 10 14.2 | 01 18.09 +07 38.5 20.8 | -0.77 - 6.5 | 0.2/14.0  | 11167 |
| 2002 CB <sub>295</sub> | 2008 10 14.2 | 01 18.11 -07 47.1 19.6 | -0.93 - 2.8 | 5.6/09.7  | 37952 |
| 2002 AA <sub>133</sub> | 2008 10 14.2 | 01 18.11 +01 07.4 20.1 | -0.87 - 4.5 | 2.1/12.1  | 97550 |
| 2004 FA <sub>6</sub>   | 2008 10 14.2 | 01 18.12 -03 48.2 19.2 | -1.11 - 2.3 | 5.3/11.2  | 16265 |
| 2006 FZ <sub>7</sub>   | 2008 10 14.2 | 01 18.12 +06 28.9 20.8 | -0.75 - 4.6 | 0.5/13.7  | 24486 |
| 2002 EY <sub>90</sub>  | 2008 10 14.2 | 01 18.13 +00 08.5 20.3 | -0.81 - 6.6 | 2.5/11.6  | 02086 |
| 2006 CL <sub>3</sub>   | 2008 10 14.2 | 01 18.13 +04 28.5 19.5 | -0.79 - 6.7 | 1.8/13.0  | 09512 |
| 2005 YH <sub>52</sub>  | 2008 10 14.2 | 01 18.15 +07 08.5 20.7 | -0.94 - 6.4 | 0.4/13.9  | 96720 |
| 2005 UZ <sub>505</sub> | 2008 10 14.2 | 01 18.17 +01 30.7 19.0 | -0.83 - 5.1 | 2.5/12.2  | 01097 |
| 2001 TN <sub>154</sub> | 2008 10 14.2 | 01 18.20 -04 55.2 18.8 | -0.94 - 5.0 | 5.8/10.4  | 19549 |
| 2006 EE <sub>9</sub>   | 2008 10 14.2 | 01 18.25 +28 26.5 21.5 | -1.27 + 2.1 | 7.4/18.9  | 01464 |
| 2000 QY <sub>147</sub> | 2008 10 14.2 | 01 18.27 -24 00.5 18.7 | -0.75 -19.5 | 14.7/28.7 | 19525 |
| 2002 CT <sub>119</sub> | 2008 10 14.2 | 01 18.31 -15 15.4 19.6 | -0.85 - 6.0 | 7.7/06.4  | 22697 |
| 2002 QF <sub>109</sub> | 2008 10 14.2 | 01 18.31 +00 38.1 19.9 | -0.73 - 5.7 | 2.6/11.8  | 15740 |
| 2004 NK <sub>26</sub>  | 2008 10 14.2 | 01 18.32 +10 30.9 19.6 | -0.96 - 6.6 | 0.9/15.0  | 20332 |
| 2001 UD <sub>28</sub>  | 2008 10 14.2 | 01 18.33 +00 57.7 19.5 | -1.47 + 6.3 | 3.3/13.2  | 48134 |
| 2006 DL <sub>35</sub>  | 2008 10 14.2 | 01 18.34 +06 58.9 20.3 | -0.80 - 5.4 | 0.4/13.9  | 22540 |
| 2004 TH <sub>345</sub> | 2008 10 14.2 | 01 18.35 -09 55.2 19.5 | -0.76 - 3.0 | 8.9/08.5  | 73462 |
| 2007 MV <sub>6</sub>   | 2008 10 14.3 | 01 18.35 -14 42.9 20.3 | -0.92 - 1.4 | 8.1/07.9  | 26296 |
| 2003 GW <sub>8</sub>   | 2008 10 14.3 | 01 18.35 +07 49.6 20.5 | -0.90 - 6.7 | 0.1/14.2  | 43171 |
| 2005 EX <sub>195</sub> | 2008 10 14.3 | 01 18.35 +08 36.6 19.7 | -0.77 - 5.5 | 0.1/14.4  | 76951 |
| 2002 GN <sub>8</sub>   | 2008 10 14.3 | 01 18.38 +21 23.5 18.7 | -1.15 + 0.2 | 4.5/18.0  | 43152 |
| 2002 GZ <sub>105</sub> | 2008 10 14.3 | 01 18.40 -07 31.2 19.6 | -0.82 - 5.2 | 5.1/09.3  | 00240 |
| 2000 YD <sub>97</sub>  | 2008 10 14.3 | 01 18.41 +32 26.6 17.8 | -0.94 - 2.9 | 10.5/22.3 | 43117 |
| 2003 XO <sub>18</sub>  | 2008 10 14.3 | 01 18.43 +20 02.9 19.7 | -0.85 - 3.1 | 3.8/17.9  | 76283 |
| 1995 UF <sub>43</sub>  | 2008 10 14.3 | 01 18.46 +07 32.1 20.0 | -0.93 - 3.0 | 0.3/14.1  | 10684 |
| 2003 BX <sub>43</sub>  | 2008 10 14.3 | 01 18.46 +10 43.6 19.6 | -1.06 - 3.5 | 0.9/15.0  | 43167 |
| 2000 HJ                | 2008 10 14.3 | 01 18.53 +14 58.7 19.6 | -0.89 - 1.6 | 2.1/16.2  | 56149 |
| 2007 GN <sub>16</sub>  | 2008 10 14.3 | 01 18.57 +13 03.7 18.9 | -0.85 - 9.3 | 2.0/16.0  | 22886 |
| 2003 KO <sub>5</sub>   | 2008 10 14.3 | 01 18.58 -04 15.7 18.0 | -0.73 - 4.0 | 6.1/10.4  | 19601 |
| 1994 UL <sub>8</sub>   | 2008 10 14.3 | 01 18.59 +10 33.4 19.9 | -1.02 - 4.6 | 0.8/15.0  | 43091 |
| 2004 LO <sub>28</sub>  | 2008 10 14.3 | 01 18.63 +06 40.4 20.2 | -0.94 - 8.1 | 0.6/13.8  | 20791 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 1999 TZ <sub>159</sub> | 2008 10 14.3 | 01 18.63 +10 21.3 19.3 | -0.83 - 6.5 | 0.8/15.0  | 43099 |
| 2003 VK <sub>5</sub>   | 2008 10 14.3 | 01 18.67 +20 13.3 20.0 | -0.75 - 6.6 | 3.4/18.4  | 76181 |
| 2000 VY <sub>59</sub>  | 2008 10 14.3 | 01 18.67 -00 08.1 20.1 | -1.02 - 0.4 | 3.5/12.3  | 84640 |
| 1999 UA <sub>35</sub>  | 2008 10 14.3 | 01 18.67 +08 14.7 19.6 | -0.84 - 6.0 | 0.0/14.4  | 43100 |
| 2006 DJ <sub>45</sub>  | 2008 10 14.3 | 01 18.71 -00 29.9 19.2 | -0.80 - 6.7 | 3.4/11.5  | 43260 |
| 2003 GD <sub>23</sub>  | 2008 10 14.3 | 01 18.72 +11 46.1 20.7 | -1.00 - 4.7 | 1.2/15.4  | 43171 |
| 2003 FQ <sub>78</sub>  | 2008 10 14.3 | 01 18.73 +11 16.8 19.8 | -0.94 - 5.6 | 1.0/15.3  | 43170 |
| 2001 XS <sub>202</sub> | 2008 10 14.3 | 01 18.75 +01 35.9 19.8 | -0.94 - 6.8 | 2.9/12.3  | 94387 |
| 2006 BL <sub>279</sub> | 2008 10 14.3 | 01 18.75 +02 08.8 20.1 | -0.80 - 5.8 | 2.0/12.4  | 43258 |
| 2005 WG <sub>158</sub> | 2008 10 14.3 | 01 18.76 -15 20.6 20.4 | -0.98 - 3.6 | 8.5/07.0  | 98010 |
| 2001 JO                | 2008 10 14.3 | 01 18.77 -29 41.4 21.1 | -0.92 + 0.4 | 8.3/03.5  | 00024 |
| 2005 WY <sub>142</sub> | 2008 10 14.4 | 01 18.71 -05 35.2 19.6 | -0.98 - 5.6 | 6.1/10.1  | 21351 |
| 2001 SH <sub>211</sub> | 2008 10 14.4 | 01 18.75 +10 56.0 19.0 | -1.03 - 2.8 | 1.2/15.1  | 43128 |
| 2001 BG                | 2008 10 14.4 | 01 18.78 -01 32.9 19.2 | -0.92 - 3.9 | 4.1/11.5  | 02026 |
| 2002 ED <sub>120</sub> | 2008 10 14.4 | 01 18.84 -01 02.1 21.2 | -0.45 - 2.7 | 1.4/11.3  | 26615 |
| 2003 UY <sub>176</sub> | 2008 10 14.4 | 01 18.85 +21 26.3 20.4 | -0.85 - 4.2 | 4.3/18.6  | 18062 |
| 2004 TL <sub>357</sub> | 2008 10 14.4 | 01 18.91 -19 25.1 18.9 | -0.82 - 4.5 | 10.8/05.0 | 21344 |
| 2002 AA <sub>113</sub> | 2008 10 14.4 | 01 18.91 -02 51.0 20.3 | -0.92 - 5.2 | 3.9/11.0  | 02065 |
| 1999 TX <sub>249</sub> | 2008 10 14.4 | 01 18.94 +17 06.3 19.0 | -0.91 - 4.2 | 3.3/17.1  | 43099 |
| 2007 JG                | 2008 10 14.4 | 01 18.94 -14 38.0 20.7 | -0.83 - 4.4 | 7.6/07.2  | 21366 |
| 2003 XQ <sub>15</sub>  | 2008 10 14.4 | 01 18.94 +35 58.5 18.8 | -1.03 0.0   | 10.1/22.3 | 19120 |
| 2002 TM <sub>172</sub> | 2008 10 14.4 | 01 18.96 +23 52.4 18.7 | -0.72 - 8.7 | 5.8/20.4  | 21127 |
| 2003 SD <sub>36</sub>  | 2008 10 14.4 | 01 18.96 +16 27.2 18.5 | -1.54 + 6.7 | 3.2/15.7  | 87586 |
| 2002 JV <sub>131</sub> | 2008 10 14.4 | 01 19.02 +09 01.7 19.8 | -0.88 - 4.1 | 0.2/14.7  | 43155 |
| 2006 BN <sub>12</sub>  | 2008 10 14.4 | 01 19.02 -06 40.9 19.1 | -0.80 - 6.0 | 5.4/09.6  | 43252 |
| 2003 UG <sub>203</sub> | 2008 10 14.4 | 01 19.04 +06 51.8 19.1 | -0.90 - 1.5 | 0.5/14.1  | 18062 |
| 2002 GX <sub>85</sub>  | 2008 10 14.4 | 01 19.04 -03 34.6 19.1 | -1.17 + 2.4 | 4.4/11.9  | 02094 |
| 2006 FE <sub>7</sub>   | 2008 10 14.4 | 01 19.05 +06 34.0 20.7 | -0.76 - 4.2 | 0.5/13.9  | 24486 |
| 2006 DQ <sub>83</sub>  | 2008 10 14.4 | 01 19.07 +01 13.0 21.7 | -0.71 - 6.2 | 1.8/12.1  | 01386 |
| 1999 TR <sub>159</sub> | 2008 10 14.4 | 01 19.08 +07 44.3 18.3 | -0.68 -11.1 | 0.3/14.3  | 01981 |
| 2004 RT <sub>341</sub> | 2008 10 14.4 | 01 19.09 +11 19.4 20.1 | -0.94 - 6.1 | 1.2/15.4  | 43212 |
| 2001 XX <sub>204</sub> | 2008 10 14.4 | 01 19.10 +02 50.9 20.1 | -0.90 - 7.4 | 2.0/12.7  | 02056 |
| 1997 WK <sub>14</sub>  | 2008 10 14.4 | 01 19.11 -04 44.1 20.5 | -0.51 - 1.9 | 2.3/10.3  | 84447 |
| 2003 UT <sub>309</sub> | 2008 10 14.4 | 01 19.14 +01 06.3 19.6 | -0.91 - 1.3 | 2.3/12.5  | 11001 |
| 1998 FM <sub>2</sub>   | 2008 10 14.4 | 01 19.17 +31 55.8 20.6 | -1.27 + 0.4 | 6.8/20.7  | 22657 |
| 2001 XP <sub>98</sub>  | 2008 10 14.5 | 01 19.11 +06 11.5 18.2 | -0.99 - 3.9 | 0.9/13.9  | 97522 |
| 2002 GM <sub>61</sub>  | 2008 10 14.5 | 01 19.12 +11 02.1 20.1 | -0.92 - 4.3 | 0.9/15.3  | 43153 |
| 2001 XR <sub>215</sub> | 2008 10 14.5 | 01 19.15 +03 31.1 20.0 | -0.98 - 5.0 | 1.8/13.1  | 97530 |
| 2002 GY <sub>162</sub> | 2008 10 14.5 | 01 19.22 +04 16.4 19.0 | -0.49 - 4.2 | 0.8/13.1  | 43154 |
| 2004 TZ <sub>157</sub> | 2008 10 14.5 | 01 19.25 +17 16.7 19.2 | -0.79 -10.7 | 3.5/17.8  | 73365 |
| 2006 GR <sub>12</sub>  | 2008 10 14.5 | 01 19.25 +02 05.2 20.4 | -0.74 - 5.7 | 2.0/12.5  | 12397 |
| 2004 YJ <sub>21</sub>  | 2008 10 14.5 | 01 19.25 -10 10.4 20.4 | -0.76 - 4.6 | 5.5/08.5  | 21347 |
| 2003 HX <sub>44</sub>  | 2008 10 14.5 | 01 19.27 +11 45.2 20.9 | -0.94 - 6.4 | 1.2/15.6  | 19600 |
| 2002 RC <sub>169</sub> | 2008 10 14.5 | 01 19.27 -03 48.6 20.2 | -0.66 - 9.0 | 3.4/10.1  | 02127 |
| 2007 EC <sub>120</sub> | 2008 10 14.5 | 01 19.27 -00 53.8 19.3 | -1.14 + 3.2 | 4.1/12.7  | 26259 |
| 2007 JH <sub>30</sub>  | 2008 10 14.5 | 01 19.28 +20 35.6 20.0 | -0.84 -10.9 | 3.9/19.1  | 21368 |
| 2001 VG <sub>33</sub>  | 2008 10 14.5 | 01 19.29 +06 08.9 18.8 | -0.98 - 3.1 | 1.0/13.9  | 97502 |
| 2005 YJ <sub>43</sub>  | 2008 10 14.5 | 01 19.33 -36 12.5 20.1 | -1.05 - 3.0 | 16.1/28.0 | 96706 |
| 2000 DJ <sub>87</sub>  | 2008 10 14.5 | 01 19.39 -13 22.8 20.6 | -0.70 - 4.8 | 5.4/07.3  | 24304 |
| 2005 YV <sub>95</sub>  | 2008 10 14.5 | 01 19.40 -01 56.2 20.4 | -0.97 - 4.1 | 4.0/11.6  | 96758 |
| 2007 RL <sub>164</sub> | 2008 10 14.5 | 01 19.47 +11 56.1 20.2 | -0.50 - 3.2 | 0.6/15.8  | 43289 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2003 BU <sub>89</sub>  | 2008 10 14.5 | 01 19.47 -01 39.9 20.6 | -0.90 - 8.1 | 3.4/11.3 | 21790 |
| 2005 YZ <sub>119</sub> | 2008 10 14.5 | 01 19.48 +12 21.7 20.1 | -0.97 - 6.4 | 1.6/15.8 | 04367 |
| 2005 VP <sub>38</sub>  | 2008 10 14.5 | 01 19.50 +00 02.1 18.7 | -0.99 - 5.7 | 3.8/12.1 | 18153 |
| 2003 CV <sub>2</sub>   | 2008 10 14.5 | 01 19.51 +16 49.8 19.5 | -1.02 - 6.2 | 3.4/17.2 | 97636 |
| 2007 GB <sub>57</sub>  | 2008 10 14.5 | 01 19.52 -02 13.9 21.1 | -1.03 - 3.0 | 4.1/11.7 | 21214 |
| 2002 RU <sub>203</sub> | 2008 10 14.6 | 01 19.45 -11 48.3 19.9 | -0.67 - 8.0 | 6.4/07.2 | 75608 |
| 2004 PT <sub>91</sub>  | 2008 10 14.6 | 01 19.46 +08 29.7 19.3 | -0.91 - 7.9 | 0.0/14.6 | 43205 |
| 2007 EL <sub>112</sub> | 2008 10 14.6 | 01 19.48 +03 23.2 20.8 | -0.84 - 8.2 | 1.6/13.0 | 20855 |
| 2002 RT <sub>3</sub>   | 2008 10 14.6 | 01 19.49 +20 12.7 18.9 | -0.86 - 2.6 | 3.9/18.1 | 43161 |
| 2007 JK <sub>26</sub>  | 2008 10 14.6 | 01 19.51 -17 48.3 21.5 | -1.01 - 0.4 | 9.1/07.6 | 21234 |
| 2006 BT <sub>81</sub>  | 2008 10 14.6 | 01 19.52 +06 44.2 20.1 | -0.87 - 4.2 | 0.6/14.1 | 97042 |
| 2003 YN <sub>119</sub> | 2008 10 14.6 | 01 19.54 +11 24.2 19.8 | -0.80 - 3.4 | 1.0/15.5 | 43197 |
| 2001 VM <sub>27</sub>  | 2008 10 14.6 | 01 19.56 +09 24.8 17.8 | -0.90 - 6.7 | 0.5/14.9 | 41773 |
| 2005 AV <sub>17</sub>  | 2008 10 14.6 | 01 19.58 +21 25.1 19.5 | -0.92 - 3.9 | 4.9/18.5 | 76584 |
| 2004 PJ <sub>67</sub>  | 2008 10 14.6 | 01 19.59 +09 31.8 19.7 | -0.95 - 7.9 | 0.4/15.0 | 43204 |
| 2002 FA <sub>10</sub>  | 2008 10 14.6 | 01 19.60 +22 46.7 20.1 | -1.06 - 2.1 | 4.8/18.6 | 43152 |
| 2004 XV <sub>136</sub> | 2008 10 14.6 | 01 19.63 +11 01.9 20.1 | -0.91 - 4.1 | 0.9/15.4 | 86603 |
| 2005 VD <sub>108</sub> | 2008 10 14.6 | 01 19.70 +04 49.6 19.6 | -1.09 - 3.3 | 1.7/13.7 | 97973 |
| 2007 MM <sub>2</sub>   | 2008 10 14.6 | 01 19.80 -08 49.9 20.2 | -0.79 - 6.6 | 5.5/09.0 | 21257 |
| 2003 UO <sub>81</sub>  | 2008 10 14.6 | 01 19.80 -04 52.9 18.0 | -0.74 - 4.9 | 5.1/10.4 | 02181 |
| 2003 QC <sub>50</sub>  | 2008 10 14.6 | 01 19.83 +09 10.2 19.0 | -0.92 - 2.6 | 0.2/14.9 | 43174 |
| 2002 CJ <sub>110</sub> | 2008 10 14.6 | 01 19.84 -01 03.3 21.8 | -0.85 - 5.6 | 2.7/11.7 | 94603 |
| 1999 VD <sub>210</sub> | 2008 10 14.6 | 01 19.84 +02 18.9 20.3 | -0.89 - 2.8 | 2.1/13.0 | 72031 |
| 2002 RM <sub>257</sub> | 2008 10 14.6 | 01 19.85 -02 07.1 19.8 | -0.80 - 3.2 | 3.1/11.6 | 03399 |
| 2007 ER <sub>209</sub> | 2008 10 14.6 | 01 19.87 -04 01.1 18.1 | -1.05 + 2.3 | 6.6/11.9 | 22884 |
| 2004 XD <sub>27</sub>  | 2008 10 14.6 | 01 19.88 +14 59.7 19.1 | -0.90 - 4.2 | 2.4/16.6 | 09091 |
| 1999 RD <sub>111</sub> | 2008 10 14.6 | 01 19.92 +32 00.2 18.4 | -1.18 + 2.5 | 9.9/20.6 | 43097 |
| 2002 QV                | 2008 10 14.7 | 01 19.82 -01 33.2 19.7 | -0.71 - 6.1 | 2.9/11.4 | 10890 |
| 2002 GF <sub>14</sub>  | 2008 10 14.7 | 01 19.85 +09 17.7 19.1 | -0.79 - 7.6 | 0.3/15.0 | 43152 |
| 2002 RO <sub>216</sub> | 2008 10 14.7 | 01 19.87 +11 11.5 19.2 | -0.85 - 2.4 | 0.8/15.5 | 43162 |
| 2002 CH <sub>314</sub> | 2008 10 14.7 | 01 19.90 +02 52.0 21.0 | -0.84 - 5.9 | 1.7/13.0 | 08236 |
| 2003 QN <sub>81</sub>  | 2008 10 14.7 | 01 19.94 +19 31.7 20.4 | -1.01 - 1.3 | 3.8/17.7 | 00492 |
| 2003 TL <sub>29</sub>  | 2008 10 14.7 | 01 19.94 +08 06.6 19.7 | -0.81 - 4.2 | 0.1/14.6 | 43184 |
| 2001 WM <sub>53</sub>  | 2008 10 14.7 | 01 19.95 +13 41.2 19.5 | -0.93 - 7.8 | 1.9/16.4 | 20753 |
| 2007 JV <sub>18</sub>  | 2008 10 14.7 | 01 19.97 -03 53.0 19.0 | -0.85 - 3.4 | 4.7/11.1 | 21232 |
| 1990 TA <sub>2</sub>   | 2008 10 14.7 | 01 20.01 +14 40.0 19.1 | -0.83 - 6.2 | 2.4/16.7 | 40662 |
| 2003 UU <sub>266</sub> | 2008 10 14.7 | 01 20.01 +02 42.6 19.0 | -0.78 - 4.4 | 1.9/13.0 | 02189 |
| 2002 QX <sub>63</sub>  | 2008 10 14.7 | 01 20.03 +17 01.5 19.5 | -0.88 - 2.2 | 2.8/17.2 | 89312 |
| 2004 RN <sub>338</sub> | 2008 10 14.7 | 01 20.04 +07 19.9 20.1 | -0.92 - 4.0 | 0.5/14.4 | 19631 |
| 2004 QU <sub>12</sub>  | 2008 10 14.7 | 01 20.08 -08 31.2 19.9 | -0.96 - 2.7 | 7.2/10.1 | 00742 |
| 2002 GP <sub>179</sub> | 2008 10 14.7 | 01 20.10 -13 19.8 20.5 | -0.85 - 3.2 | 6.8/08.2 | 03315 |
| 2006 DX <sub>1</sub>   | 2008 10 14.7 | 01 20.11 +08 11.2 19.3 | -0.97 - 4.4 | 0.1/14.7 | 97173 |
| 2003 RH <sub>11</sub>  | 2008 10 14.7 | 01 20.15 +19 19.3 19.1 | -0.86 - 6.4 | 3.5/18.4 | 21330 |
| 2003 MR <sub>5</sub>   | 2008 10 14.7 | 01 20.19 -06 51.5 18.7 | -0.80 - 5.7 | 6.0/09.9 | 20781 |
| 2000 SW <sub>324</sub> | 2008 10 14.7 | 01 20.19 +07 39.9 19.1 | -0.94 - 4.4 | 0.3/14.6 | 93869 |
| 2003 FF <sub>69</sub>  | 2008 10 14.7 | 01 20.24 -00 40.5 20.4 | -0.91 - 7.8 | 3.3/11.8 | 94956 |
| 2006 DS <sub>66</sub>  | 2008 10 14.7 | 01 20.24 +03 18.6 20.1 | -0.96 - 5.1 | 2.0/13.3 | 11160 |
| 2005 YW <sub>25</sub>  | 2008 10 14.7 | 01 20.26 +03 13.8 21.1 | -0.92 - 5.6 | 1.8/13.2 | 96682 |
| 2005 WS <sub>89</sub>  | 2008 10 14.7 | 01 20.27 -03 20.9 18.9 | -1.00 - 4.3 | 5.5/11.5 | 43243 |
| 1999 TG <sub>190</sub> | 2008 10 14.8 | 01 20.19 +32 33.9 18.6 | -0.98 - 3.5 | 9.2/22.9 | 07797 |
| 2000 VQ <sub>52</sub>  | 2008 10 14.8 | 01 20.20 +07 42.5 18.0 | -0.99 - 0.1 | 0.4/14.6 | 74047 |

|                        |              |                        |             |           |       |
|------------------------|--------------|------------------------|-------------|-----------|-------|
| 2003 FL <sub>47</sub>  | 2008 10 14.8 | 01 20.21 +08 15.7 20.7 | -0.93 - 5.8 | 0.1/14.7  | 21326 |
| 2002 JJ <sub>110</sub> | 2008 10 14.8 | 01 20.29 +21 47.2 21.1 | -0.87 - 6.5 | 3.9/19.2  | 02104 |
| 2002 PC <sub>71</sub>  | 2008 10 14.8 | 01 20.29 +29 42.1 19.2 | -0.86 - 4.4 | 6.0/22.1  | 21318 |
| 2000 YY <sub>108</sub> | 2008 10 14.8 | 01 20.31 -16 47.5 20.7 | -0.83 - 3.3 | 6.9/06.8  | 02024 |
| 2004 DS <sub>61</sub>  | 2008 10 14.8 | 01 20.32 +08 45.9 21.6 | -0.61 - 3.2 | 0.1/14.9  | 24441 |
| 2003 WK <sub>58</sub>  | 2008 10 14.8 | 01 20.32 +06 56.0 19.4 | -0.80 - 4.0 | 0.5/14.4  | 00669 |
| 2003 WB <sub>7</sub>   | 2008 10 14.8 | 01 20.35 -22 09.9 18.6 | -0.85 + 0.3 | 11.3/05.7 | 43192 |
| 2002 AW <sub>201</sub> | 2008 10 14.8 | 01 20.40 -02 01.3 19.1 | -1.04 - 0.6 | 3.7/12.2  | 02068 |
| 2001 DN <sub>52</sub>  | 2008 10 14.8 | 01 20.42 +12 55.4 19.2 | -0.98 - 3.4 | 1.7/16.1  | 43119 |
| 2003 FA <sub>6</sub>   | 2008 10 14.8 | 01 20.44 +12 35.9 20.3 | -0.99 - 4.6 | 1.4/16.1  | 94941 |
| 2006 DS <sub>216</sub> | 2008 10 14.8 | 01 20.44 +10 43.3 19.9 | -0.80 - 3.5 | 0.7/15.5  | 40161 |
| 2002 PP <sub>75</sub>  | 2008 10 14.8 | 01 20.45 +23 45.5 18.5 | -0.91 - 2.2 | 5.3/19.4  | 43158 |
| 2003 UC <sub>54</sub>  | 2008 10 14.8 | 01 20.46 +26 08.5 18.5 | -0.93 - 2.4 | 6.4/20.0  | 56982 |
| 2001 DH <sub>56</sub>  | 2008 10 14.8 | 01 20.47 +02 08.0 19.4 | -0.80 - 5.7 | 2.3/12.8  | 02029 |
| 1999 UU <sub>17</sub>  | 2008 10 14.8 | 01 20.48 +05 37.0 20.0 | -0.87 - 4.1 | 1.0/14.0  | 97357 |
| 2000 YH <sub>74</sub>  | 2008 10 14.8 | 01 20.50 +22 35.9 18.8 | -0.87 - 7.7 | 4.8/19.6  | 02023 |
| 2002 TD <sub>34</sub>  | 2008 10 14.8 | 01 20.51 +12 14.1 19.2 | -0.79 - 3.1 | 1.2/16.0  | 43163 |
| 2006 AO                | 2008 10 14.8 | 01 20.57 +04 49.6 18.5 | -1.00 - 2.4 | 1.8/13.9  | 20833 |
| 2003 FH <sub>68</sub>  | 2008 10 14.8 | 01 20.58 +02 19.0 19.0 | -1.04 - 3.4 | 2.6/13.2  | 43170 |
| 2002 OC <sub>27</sub>  | 2008 10 14.8 | 01 20.58 +22 04.3 19.7 | -0.82 - 5.2 | 4.5/19.3  | 94807 |
| 2006 DM <sub>96</sub>  | 2008 10 14.8 | 01 20.60 +07 11.9 20.6 | -0.85 - 6.1 | 0.4/14.5  | 43262 |
| 2001 UJ <sub>81</sub>  | 2008 10 14.8 | 01 20.60 +06 29.6 19.4 | -0.93 - 7.0 | 0.9/14.3  | 02048 |
| 2006 BQ <sub>178</sub> | 2008 10 14.9 | 01 20.59 +18 18.3 19.4 | -0.97 - 4.1 | 3.8/18.0  | 97105 |
| 2001 UB <sub>195</sub> | 2008 10 14.9 | 01 20.59 +05 12.3 20.5 | -1.24 + 0.6 | 1.2/14.2  | 85177 |
| 2006 EC <sub>9</sub>   | 2008 10 14.9 | 01 20.61 -03 04.0 20.8 | -0.72 - 7.2 | 3.5/11.0  | 22544 |
| 2004 VO <sub>29</sub>  | 2008 10 14.9 | 01 20.68 +01 20.2 19.5 | -0.92 - 3.0 | 2.8/12.9  | 73530 |
| 2005 EP <sub>59</sub>  | 2008 10 14.9 | 01 20.71 +15 07.1 18.9 | -0.79 - 4.4 | 2.2/17.0  | 21349 |
| 2001 EP <sub>25</sub>  | 2008 10 14.9 | 01 20.73 +10 52.5 18.6 | -0.80 - 9.1 | 0.8/15.8  | 04147 |
| 1999 TW <sub>297</sub> | 2008 10 14.9 | 01 20.75 +06 20.4 18.8 | -0.79 - 7.1 | 0.8/14.2  | 43100 |
| 2002 CW <sub>108</sub> | 2008 10 14.9 | 01 20.76 +16 58.0 19.8 | -1.00 - 2.2 | 2.6/17.3  | 02074 |
| 1998 FJ <sub>8</sub>   | 2008 10 14.9 | 01 20.76 +14 27.8 19.7 | -1.00 - 2.7 | 2.1/16.6  | 97333 |
| 2005 YT <sub>207</sub> | 2008 10 14.9 | 01 20.77 +00 37.7 20.4 | -1.01 - 4.2 | 3.2/12.7  | 96848 |
| 2002 SM <sub>1</sub>   | 2008 10 14.9 | 01 20.78 +17 17.4 19.2 | -0.75 - 6.4 | 2.7/17.9  | 02130 |
| 2004 SN <sub>4</sub>   | 2008 10 14.9 | 01 20.79 +12 27.2 19.9 | -0.92 - 6.6 | 1.6/16.2  | 21342 |
| 2007 LV <sub>12</sub>  | 2008 10 14.9 | 01 20.82 +08 03.4 20.4 | -0.74 -10.1 | 0.2/14.8  | 43284 |
| 2007 GR <sub>26</sub>  | 2008 10 14.9 | 01 20.82 +00 47.1 19.6 | -1.00 - 4.4 | 3.1/12.8  | 26268 |
| 2007 LC <sub>29</sub>  | 2008 10 14.9 | 01 20.85 +10 42.4 20.3 | -0.74 - 5.8 | 0.6/15.7  | 43285 |
| 2000 AR <sub>212</sub> | 2008 10 14.9 | 01 20.87 +20 24.2 20.4 | -0.85 - 7.0 | 4.5/18.9  | 01992 |
| 2002 RD <sub>256</sub> | 2008 10 14.9 | 01 20.87 +23 47.1 20.3 | -0.81 - 4.9 | 4.8/20.0  | 00360 |
| 2006 AB <sub>40</sub>  | 2008 10 14.9 | 01 20.92 +11 35.7 20.8 | -0.96 - 5.3 | 1.2/15.9  | 43251 |
| 2002 PC <sub>39</sub>  | 2008 10 14.9 | 01 20.92 +22 47.2 20.4 | -0.83 - 4.5 | 4.5/19.6  | 04207 |
| 2004 NA <sub>5</sub>   | 2008 10 14.9 | 01 20.93 +12 12.9 19.5 | -1.00 - 5.8 | 1.5/16.1  | 19613 |
| 2005 YZ <sub>267</sub> | 2008 10 14.9 | 01 20.96 +16 59.0 21.6 | -0.91 - 4.2 | 2.6/17.5  | 26120 |
| 2003 WU <sub>69</sub>  | 2008 10 14.9 | 01 20.97 -05 14.3 19.8 | -0.78 - 2.8 | 3.9/10.9  | 18063 |
| 2000 SZ <sub>114</sub> | 2008 10 14.9 | 01 20.97 +08 07.4 18.8 | -0.92 - 4.7 | 0.1/14.9  | 43109 |
| 2001 DH <sub>50</sub>  | 2008 10 14.9 | 01 20.98 -00 22.2 19.1 | -0.92 - 2.7 | 3.1/12.5  | 10761 |
| 2002 EH <sub>69</sub>  | 2008 10 14.9 | 01 21.00 +05 56.0 19.4 | -0.83 - 7.3 | 0.8/14.1  | 43150 |
| 2002 QP <sub>99</sub>  | 2008 10 14.9 | 01 21.01 +14 53.5 20.0 | -0.87 - 2.0 | 2.0/16.8  | 13923 |
| 2003 DB <sub>9</sub>   | 2008 10 14.9 | 01 21.01 +06 50.7 19.0 | -1.05 - 2.3 | 0.8/14.6  | 20775 |
| 2004 XW <sub>120</sub> | 2008 10 15.0 | 01 20.95 -02 54.3 19.2 | -0.82 - 4.7 | 4.0/11.4  | 02233 |
| 2003 WM <sub>168</sub> | 2008 10 15.0 | 01 20.97 -01 02.9 20.2 | -0.70 - 8.2 | 3.2/11.6  | 57408 |

|                        |              |                        |             |          |       |
|------------------------|--------------|------------------------|-------------|----------|-------|
| 2004 VL <sub>47</sub>  | 2008 10 15.0 | 01 20.97 +05 26.1 19.0 | -0.78 - 7.2 | 1.3/14.0 | 21345 |
| 2006 DD <sub>206</sub> | 2008 10 15.0 | 01 20.99 +05 52.5 19.4 | -0.81 - 7.3 | 1.0/14.1 | 43263 |
| 2002 PC <sub>88</sub>  | 2008 10 15.0 | 01 21.04 +04 49.8 19.4 | -0.74 - 5.7 | 1.3/13.8 | 02114 |
| 2004 WW <sub>11</sub>  | 2008 10 15.0 | 01 21.05 +00 14.0 20.5 | -0.90 - 3.4 | 3.0/12.6 | 00861 |
| 2004 VD <sub>6</sub>   | 2008 10 15.0 | 01 21.05 +12 53.4 19.5 | -0.82 - 8.1 | 1.4/16.5 | 02224 |
| 2003 XD <sub>23</sub>  | 2008 10 15.0 | 01 21.08 +08 50.0 19.7 | -0.85 - 2.6 | 0.1/15.1 | 43196 |
| 2006 BM <sub>95</sub>  | 2008 10 15.0 | 01 21.11 +14 15.2 19.7 | -0.88 - 4.5 | 1.9/16.8 | 04369 |
| 2006 FP <sub>39</sub>  | 2008 10 15.0 | 01 21.12 +10 26.1 20.1 | -0.87 - 4.0 | 0.6/15.6 | 43266 |
| 2007 LF <sub>28</sub>  | 2008 10 15.0 | 01 21.12 +00 20.0 19.5 | -0.83 - 7.5 | 2.9/12.4 | 21374 |
| 2006 FV <sub>5</sub>   | 2008 10 15.0 | 01 21.14 +09 16.4 22.0 | -0.78 - 4.2 | 0.2/15.3 | 03880 |
| 2002 JB <sub>67</sub>  | 2008 10 15.0 | 01 21.17 +09 01.3 19.6 | -0.79 - 7.0 | 0.1/15.2 | 43154 |
| 2000 QU <sub>197</sub> | 2008 10 15.0 | 01 21.20 +08 02.5 18.3 | -0.89 - 3.8 | 0.2/14.9 | 20735 |
| 2004 PK <sub>18</sub>  | 2008 10 15.0 | 01 21.22 +15 49.5 19.3 | -0.97 - 6.4 | 3.0/17.3 | 18077 |
| 2002 PH <sub>35</sub>  | 2008 10 15.0 | 01 21.24 +23 02.5 19.3 | -0.86 - 3.4 | 4.6/19.5 | 21781 |
| 2003 HF <sub>19</sub>  | 2008 10 15.0 | 01 21.30 +08 33.9 20.3 | -0.85 - 8.8 | 0.0/15.1 | 43172 |
| 2005 ER <sub>227</sub> | 2008 10 15.0 | 01 21.30 +01 21.6 20.1 | -0.80 - 2.6 | 2.0/13.0 | 76981 |
| 2008 QR <sub>3</sub>   | 2008 10 15.0 | 01 21.32 -00 22.3 19.1 | -0.81 - 9.1 | 3.6/12.0 | 42994 |
| 2006 AN <sub>48</sub>  | 2008 10 15.0 | 01 21.32 -03 28.1 19.7 | -0.79 - 7.9 | 4.4/11.0 | 02269 |
| 2002 AT <sub>37</sub>  | 2008 10 15.0 | 01 21.34 -05 04.4 19.9 | -0.93 - 5.2 | 5.4/10.9 | 94478 |
| 2007 HQ <sub>36</sub>  | 2008 10 15.0 | 01 21.35 +08 06.6 19.9 | -0.92 - 4.7 | 0.2/15.0 | 43281 |
| 2001 VE <sub>3</sub>   | 2008 10 15.0 | 01 21.36 +05 41.7 19.7 | -1.08 - 1.8 | 1.2/14.4 | 20751 |
| 2001 XS <sub>235</sub> | 2008 10 15.0 | 01 21.37 +07 42.7 19.5 | -0.95 - 4.7 | 0.3/14.8 | 43141 |
| 2001 SX <sub>129</sub> | 2008 10 15.0 | 01 21.37 +06 51.3 19.4 | -0.91 - 9.5 | 0.7/14.5 | 43127 |
| 1998 FL <sub>14</sub>  | 2008 10 15.0 | 01 21.37 +14 26.0 21.4 | -0.91 - 4.6 | 1.7/16.9 | 01968 |
| 2003 EM <sub>44</sub>  | 2008 10 15.1 | 01 21.30 +18 02.1 19.4 | -1.00 - 6.5 | 3.7/18.0 | 94935 |
| 2005 YS <sub>13</sub>  | 2008 10 15.1 | 01 21.31 +18 52.3 20.2 | -0.96 - 5.7 | 4.1/18.3 | 96671 |
| 2003 MW <sub>11</sub>  | 2008 10 15.1 | 01 21.32 +23 02.3 18.6 | -0.88 - 5.8 | 5.5/19.9 | 43173 |
| 2005 CZ <sub>63</sub>  | 2008 10 15.1 | 01 21.33 +24 42.6 20.4 | -0.87 - 2.0 | 4.2/19.9 | 77815 |
| 2004 OC <sub>5</sub>   | 2008 10 15.1 | 01 21.35 +08 24.2 18.4 | -0.93 - 4.4 | 0.1/15.1 | 20792 |
| 2004 TA <sub>134</sub> | 2008 10 15.1 | 01 21.39 -05 24.6 19.1 | -1.07 + 1.5 | 5.8/11.8 | 74392 |
| 2004 TC <sub>114</sub> | 2008 10 15.1 | 01 21.40 +11 38.6 18.5 | -0.89 - 7.0 | 1.2/16.1 | 02217 |
| 2006 DW <sub>81</sub>  | 2008 10 15.1 | 01 21.41 +02 44.0 19.7 | -0.79 - 6.9 | 2.0/13.2 | 01383 |
| 2006 HZ <sub>55</sub>  | 2008 10 15.1 | 01 21.43 -10 17.9 19.3 | -0.99 - 2.2 | 6.7/09.7 | 26158 |
| 2006 BC <sub>35</sub>  | 2008 10 15.1 | 01 21.44 +19 46.7 20.7 | -1.01 - 4.5 | 4.2/18.4 | 02272 |
| 2007 GS <sub>24</sub>  | 2008 10 15.1 | 01 21.45 -03 01.4 19.8 | -0.93 - 3.1 | 3.9/11.9 | 21363 |
| 2002 BS <sub>7</sub>   | 2008 10 15.1 | 01 21.47 +01 14.8 20.2 | -0.92 - 5.6 | 2.8/12.9 | 97556 |
| 2006 KL <sub>99</sub>  | 2008 10 15.1 | 01 21.47 -13 35.9 21.1 | -0.69 - 4.3 | 5.0/07.7 | 04377 |
| 2003 YW <sub>47</sub>  | 2008 10 15.1 | 01 21.50 -06 05.8 19.4 | -0.79 - 2.6 | 4.6/10.7 | 21338 |
| 2001 TJ <sub>214</sub> | 2008 10 15.1 | 01 21.51 +24 54.5 19.5 | -0.94 - 4.1 | 8.2/20.4 | 97487 |
| 2005 EH <sub>88</sub>  | 2008 10 15.1 | 01 21.56 +20 37.5 20.2 | -0.91 - 1.3 | 3.3/18.5 | 77830 |
| 2005 YM <sub>45</sub>  | 2008 10 15.1 | 01 21.56 +17 03.7 20.0 | -0.91 - 5.8 | 2.7/18.0 | 21352 |
| 2002 AH <sub>126</sub> | 2008 10 15.1 | 01 21.59 +19 37.0 19.5 | -0.98 - 4.0 | 4.7/18.4 | 97550 |
| 2004 PR <sub>95</sub>  | 2008 10 15.1 | 01 21.61 +19 54.9 19.1 | -1.21 - 1.6 | 4.5/18.1 | 43205 |
| 2000 FJ <sub>73</sub>  | 2008 10 15.1 | 01 21.63 +04 31.5 20.8 | -0.71 - 6.5 | 1.2/13.8 | 21296 |
| 2005 YF <sub>24</sub>  | 2008 10 15.1 | 01 21.64 +03 53.0 20.5 | -0.92 - 5.5 | 1.7/13.8 | 21352 |
| 2006 BE <sub>26</sub>  | 2008 10 15.1 | 01 21.64 +04 16.3 20.2 | -0.92 - 6.5 | 1.6/13.8 | 01229 |
| 2006 BD <sub>247</sub> | 2008 10 15.1 | 01 21.68 +31 53.6 21.0 | -1.17 - 0.5 | 9.6/21.6 | 97133 |
| 2002 ED <sub>136</sub> | 2008 10 15.1 | 01 21.72 +13 13.1 20.4 | -0.94 - 3.4 | 1.6/16.5 | 97585 |
| 2002 RJ <sub>240</sub> | 2008 10 15.1 | 01 21.74 +21 03.7 19.3 | -0.84 - 3.3 | 3.8/19.0 | 21784 |
| 2006 DT <sub>24</sub>  | 2008 10 15.2 | 01 21.75 +12 48.9 19.5 | -0.92 - 3.3 | 1.5/16.4 | 43259 |
| 2007 HK <sub>35</sub>  | 2008 10 15.2 | 01 21.78 +08 28.8 20.7 | -0.98 - 4.0 | 0.0/15.2 | 43281 |