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 Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
 IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
 MPC@CFA.HARVARD.EDU (science)
 Phone 617-495-7273/7444/7244/7440 (for emergency use only).
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 Timothy B. Spahr, Director Gareth V. Williams, Associate Director
 Brian G. Marsden, Director Emeritus
 Syuichi Nakano and Andreas Doppler, Associates

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EDITORIAL NOTICE

Contributors of perturbed orbital elements are advised that the use of the epoch 2010 Jan. 4.0 TT (rather than 2009 June 18.0 TT) will become effective after the publication of *this* batch of *Minor Planet Circulars*.

ERRATUM

<i>MPC</i>	Line	
66630	-36	The entry 1999 YJ ₂₈ = (212052) should be deleted.

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2005 TK ₄₃	2005 09 29.34898	00 44 58.20	+03 56 51.9	<i>MPS</i> 178542	G96	
2005 YA ₁₉₆	2009 09 14.28463	23 44 22.32	-05 49 15.7	<i>MPS</i> 295030	704	
2006 SX ₃₆₈	2002 05 11.39327	18 55 03.15	-23 09 53.0	<i>MPS</i> 210164	644	
2008 LX ₆	2009 08 02.00625	23 51 57.52	+12 40 42.0	<i>MPS</i> 290288	A50	
2008 LX ₆	2009 08 02.00758	23 51 57.49	+12 40 42.4	<i>MPS</i> 290288	A50	
2008 LX ₆	2009 08 02.00891	23 51 57.52	+12 40 41.8	<i>MPS</i> 290288	A50	
2008 LX ₆	2009 08 02.03600	23 51 57.60	+12 40 41.4	<i>MPS</i> 290288	A50	

IDENTIFICATION CHANGES

Continuation to *MPC* 66861.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1996 FD ₂₅	* 1996 03 19.41756	12 54 04.68	+00 23 58.7	2000 HC ₅₄		691	
1996 FD ₂₅	1996 03 19.44637	12 54 03.29	+00 24 08.0	2000 HC ₅₄	20.8 V	691	
1996 FD ₂₅	1996 03 19.47161	12 54 02.06	+00 24 15.8	2000 HC ₅₄		691	
1998 HC ₁₅₉	* 1998 04 23.28262	12 29 52.14	-05 30 37.4	2005 YA ₅₀	20.7 V	691	
1998 HC ₁₅₉	1998 04 23.30389	12 29 51.27	-05 30 32.2	2005 YA ₅₀	20.9 V	691	
1998 HC ₁₅₉	1998 04 23.32502	12 29 50.56	-05 30 25.2	2005 YA ₅₀	20.7 V	691	
1998 QZ ₁₁₁	* 1998 08 30.31987	00 08 48.41	-00 19 32.6	2004 TO ₃₅₄	21.4 V	691	
1998 QZ ₁₁₁	1998 08 30.32889	00 08 48.05	-00 19 34.7	2004 TO ₃₅₄	21.3 V	691	
1998 QZ ₁₁₁	1998 08 30.33817	00 08 47.73	-00 19 37.0	2004 TO ₃₅₄	21.3 V	691	
1999 FP ₉₇	* 1999 03 22.356630	13 30 19.890	-00 27 18.03	2004 FU ₁₃	21.42V	645	
1999 FP ₉₇	1999 03 22.360102	13 30 19.744	-00 27 17.43	2004 FU ₁₃	22.08	645	
1999 TU ₃₃₆	* 1999 10 09.22275	23 35 10.50	-01 25 00.4	1999 TC ₄₃	20.9 V	691	
1999 TU ₃₃₆	1999 10 09.24453	23 35 09.66	-01 25 06.2	1999 TC ₄₃	20.7 V	691	
1999 TU ₃₃₆	1999 10 09.26613	23 35 08.83	-01 25 12.4	1999 TC ₄₃	20.9 V	691	
2001 YE ₁₆₂	* 2001 12 19.31508	06 23 41.43	+26 43 35.0	2005 UJ ₂₇₃	21.6 V	691	
2001 YE ₁₆₂	2001 12 19.32029	06 23 41.08	+26 43 35.9	2005 UJ ₂₇₃	21.2 V	691	
2001 YE ₁₆₂	2001 12 19.32511	06 23 40.74	+26 43 36.2	2005 UJ ₂₇₃	21.6 V	691	
2003 DB ₂₅	* 2003 02 23.31107	10 31 06.12	+05 39 49.3	2005 TP ₁₂₈	19.1 R	699	
2003 DB ₂₅	2003 02 23.32098	10 31 05.57	+05 39 52.3	2005 TP ₁₂₈		699	
2003 DB ₂₅	2003 02 23.33088	10 31 05.16	+05 39 57.2	2005 TP ₁₂₈		699	

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
(139)	2007 09 26.489693	17 15 16.693	-33 41 56.08	<i>MPS</i> 228450	244	
(153)	2007 07 20.298078	17 03 21.641	-16 12 11.22	<i>MPS</i> 214564	244	

2003 DB ₂₅	2003 02 23.34084	10 31 04.60	+05 40 00.7	2005 TP ₁₂₈	699
2004 PQ ₁₁₇	* 2004 08 14.97682	21 36 20.73	-11 13 25.7	2005 YP ₂₆	19.6 R 599
2004 PQ ₁₁₇	2004 08 14.98816	21 36 20.08	-11 13 29.4	2005 YP ₂₆	19.6 R 599
2004 PQ ₁₁₇	2004 08 14.99946	21 36 19.43	-11 13 36.8	2005 YP ₂₆	20.7 R 599
2005 UY ₅₂₉	* 2005 10 30.29573	03 52 39.00	+19 05 09.4	2003 JS ₁₂	19.7 R 644
2005 UY ₅₂₉	2005 10 30.31731	03 52 37.97	+19 05 05.3	2003 JS ₁₂	19.8 R 644
2005 UY ₅₂₉	2005 10 30.33908	03 52 36.87	+19 05 00.6	2003 JS ₁₂	19.9 R 644
2005 UY ₅₂₉	2005 10 30.35103	03 52 36.24	+19 04 58.2	2003 JS ₁₂	19.8 V 691
2005 UY ₅₂₉	2005 10 30.36831	03 52 35.39	+19 04 54.8	2003 JS ₁₂	19.7 V 691
2005 UY ₅₂₉	2005 10 30.38560	03 52 34.51	+19 04 51.0	2003 JS ₁₂	19.9 V 691
2006 BH ₂₈₄	* 2006 01 21.25653	07 33 54.90	+20 59 07.7	2003 SD ₃₃₃	20.7 V G96
2006 BH ₂₈₄	2006 01 21.26322	07 33 54.54	+20 59 09.1	2003 SD ₃₃₃	20.9 V G96
2006 BH ₂₈₄	2006 01 21.26993	07 33 54.14	+20 59 10.6	2003 SD ₃₃₃	20.8 V G96
2006 BH ₂₈₄	2006 01 21.27663	07 33 53.74	+20 59 12.2	2003 SD ₃₃₃	20.5 V G96
2006 YJ ₅₅	* 2006 12 21.27453	05 16 23.84	+23 26 36.1	2006 XH ₅₆	701
2006 YJ ₅₅	2006 12 21.29675	05 16 22.45	+23 26 36.7	2006 XH ₅₆	701
2006 YJ ₅₅	2006 12 21.31897	05 16 20.96	+23 26 36.3	2006 XH ₅₆	701
2006 YJ ₅₅	2006 12 21.34119	05 16 19.53	+23 26 35.7	2006 XH ₅₆	701
2006 YK ₅₅	* 2006 12 21.24954	04 25 54.12	+17 59 21.2	2006 WN ₈₂	20.2 V G96
2006 YK ₅₅	2006 12 21.25610	04 25 53.79	+17 59 21.5	2006 WN ₈₂	20.0 V G96
2006 YK ₅₅	2006 12 21.26263	04 25 53.50	+17 59 21.5	2006 WN ₈₂	20.6 V G96
2006 YK ₅₅	2006 12 21.26921	04 25 53.18	+17 59 21.4	2006 WN ₈₂	20.1 V G96
2007 EK ₂₂₂	* 2007 03 14.25178	09 32 53.70	+13 27 55.8	2007 EU ₅₈	21.6 V G96
2007 EK ₂₂₂	2007 03 14.25978	09 32 53.48	+13 27 57.6	2007 EU ₅₈	21.4 V G96
2007 EK ₂₂₂	2007 03 14.26788	09 32 53.19	+13 28 00.0	2007 EU ₅₈	21.5 V G96
2007 EK ₂₂₂	2007 03 14.27593	09 32 52.94	+13 28 01.9	2007 EU ₅₈	21.8 V G96
2007 FF ₄₉	* 2007 03 26.26314	12 12 50.90	-01 08 53.8	2007 EF ₁₃₄	21.8 V G96
2007 FF ₄₉	2007 03 26.26980	12 12 50.50	-01 08 53.4	2007 EF ₁₃₄	21.3 V G96
2007 FF ₄₉	2007 03 26.27637	12 12 50.07	-01 08 53.0	2007 EF ₁₃₄	21.9 V G96
2007 FF ₄₉	2007 03 26.28288	12 12 49.64	-01 08 51.9	2007 EF ₁₃₄	21.4 V G96
2008 EH ₁₆₄	* 2008 03 06.25767	11 11 56.61	+10 08 52.6	2008 DD ₆₄	21.2 V G96
2008 EH ₁₆₄	2008 03 06.26415	11 11 56.22	+10 08 54.8	2008 DD ₆₄	21.0 V G96
2008 EH ₁₆₄	2008 03 06.27066	11 11 55.82	+10 08 57.0	2008 DD ₆₄	21.4 V G96
2008 EH ₁₆₄	2008 03 06.27711	11 11 55.46	+10 08 58.7	2008 DD ₆₄	21.3 V G96
2008 EJ ₁₆₄	* 2008 03 06.25821	11 11 42.21	+10 09 35.5	2008 DC ₆₄	20.9 V G96
2008 EJ ₁₆₄	2008 03 06.26470	11 11 41.85	+10 09 38.2	2008 DC ₆₄	20.7 V G96
2008 EJ ₁₆₄	2008 03 06.27120	11 11 41.46	+10 09 40.2	2008 DC ₆₄	20.5 V G96
2008 EJ ₁₆₄	2008 03 06.27764	11 11 41.02	+10 09 42.4	2008 DC ₆₄	20.6 V G96
2008 EJ ₁₆₄	2008 03 06.35049	11 11 36.67	+10 10 09.0	2008 DC ₆₄	20.4 V G96
2008 EJ ₁₆₄	2008 03 06.35675	11 11 36.27	+10 10 11.2	2008 DC ₆₄	20.4 V G96
2008 EJ ₁₆₄	2008 03 06.36294	11 11 35.91	+10 10 13.1	2008 DC ₆₄	20.1 V G96
2008 EJ ₁₆₄	2008 03 06.36913	11 11 35.55	+10 10 15.5	2008 DC ₆₄	20.4 V G96
2008 EJ ₁₆₄	2008 03 11.15512	11 06 56.48	+10 38 18.7	2008 DC ₆₄	19.9 V 691
2008 EJ ₁₆₄	2008 03 11.17281	11 06 55.45	+10 38 25.7	2008 DC ₆₄	19.9 V 691
2008 EJ ₁₆₄	2008 03 11.19053	11 06 54.42	+10 38 31.0	2008 DC ₆₄	20.0 V 691
2008 EK ₁₆₄	* 2008 03 07.28845	11 04 12.83	+14 03 45.1	2008 CH ₁₃₈	20.0 704
2008 EK ₁₆₄	2008 03 07.29969	11 04 12.14	+14 03 48.3	2008 CH ₁₃₈	20.5 704
2008 EK ₁₆₄	2008 03 07.31142	11 04 11.52	+14 03 52.8	2008 CH ₁₃₈	20.4 704
2009 QE ₅₂	* 2009 08 24.05520	23 04 29.99	+07 04 19.6	2009 QC ₂₉	621
2009 QE ₅₂	2009 08 24.06343	23 04 29.56	+07 04 15.2	2009 QC ₂₉	621
2009 QE ₅₂	2009 08 24.07166	23 04 29.23	+07 04 12.6	2009 QC ₂₉	621
2009 QE ₅₂	2009 08 24.07990	23 04 28.81	+07 04 11.4	2009 QC ₂₉	20.7 C 621
2009 SY ₁₆₇	* 2009 09 23.94825	00 21 29.10	+04 28 39.3	2005 SQ ₁₆₉	18.2 R 106

2009 SY ₁₆₇	2009 09 23.96462	00 21 28.08	+04 28 39.3	2005 SQ ₁₆₉	17.8 R 106
2009 SY ₁₆₇	2009 09 23.96579	00 21 27.95	+04 28 38.6	2005 SQ ₁₆₉	18.0 R 106
2009 SY ₁₆₇	2009 09 23.98216	00 21 26.87	+04 28 38.3	2005 SQ ₁₆₉	17.4 R 106
2009 SY ₁₆₇	2009 09 23.98332	00 21 26.82	+04 28 38.4	2005 SQ ₁₆₉	17.5 R 106

NUMBERING OF PERIODIC COMETS

Continuation to the list on *MPC* 66864.

226P/1783 W1 = 2003 A1 = 2009 R2 (Pigott-LINEAR-Kowalski)

227P/2004 EW₃₈ = 2009 S4 (Catalina-LINEAR)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 071 Rhozen. Observers V. Ivanova, B. Bilkina. Measurers B. Bilkina, G. Apostolovska. 0.50-m *f*/3.44 Schmidt + CCD.
- 106 Crni Vrh. Observers H. Mikuž, B. Dintinjana, J. Skvarč, S. Matičič. 0.60-m *f*/3.3 Deltagraph + CCD.
- 114 Engelhardt Observatory, Zelenchukskaya Station. Observers T. Kryachko, B. Satovski. Measurer T. Kryachko. 0.3-m *f*/7.7 reflector + CCD.
- 118 Modra. Observers L. Kornoš, I. Jaksova, Z. Fischerova, J. Világi. 0.6-m *f*/5.5 reflector + CCD.
- 130 Lumezzane. Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini. Measurers W. Marinello, M. Micheli, G. Pizzetti. 0.40-m *f*/4.5 reflector + CCD.
- 160 Castelmartini. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann. Measurer E. Prosperi. 0.35-m *f*/10 Schmidt-Cassegrain + CCD.
- 204 Schiaparelli Observatory. Observers L. Buzzi, F. Luppi. Measurer L. Buzzi. 0.38-m *f*/6.8 reflector + CCD, 0.60-m *f*/4.64 reflector + CCD.
- 212 Observatorio La Dehesilla. Observer I. Almendros. 0.30-m *f*/10 Schmidt-Cassegrain + CCD.
- 213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m *f*/10 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. Observer R. Ligustri. 0.35-m *f*/6 reflector + CCD.
- 260 Siding Spring-DSS. Measurer M. Meyer. 1.2-m U.K. Schmidt.
- 291 LPL/Spacewatch II. Observers A. F. Tubbiolo, R. S. McMillan, T. H. Bressi, J. V. Scotti. Measurers A. F. Tubbiolo, R. S. McMillan, J. V. Scotti. 1.8-m *f*/2.7 reflector + CCD.
- 300 Bisei Spaceguard Center-BATTeRS. Observers A. Asami, N. Hashimoto, K. Nishiyama, S. Okumura, T. Sakamoto, S. Urakawa. 1.0-m *f*/3.0 reflector + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m *f*/5.0 reflector + CCD.
- 352 Konan. Observer M. Hotta. 0.28-m *f*/5.0 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. Observer T. Seki. 0.60-m *f*/3.5 reflector.

- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 400 Kitami. Observer K. Endate. 0.30-m $f/3.8$ reflector + CCD.
- 415 Kambah. Observer D. Herald. 0.36-m 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.
- 461 University of Szeged, Piskésető 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, L. Monzo. 0.45-m $f/4.4$ Newtonian reflector + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observers A. C. Gilmore, P. M. Kilmartin. Measurer P. M. Kilmartin. 1.0-m $f/7.7$ reflector + CCD.
- 493 Calar Alto. Observer F. Hormuth. 3.5-m $f/3.9$ reflector + CCD.
- 510 Siegen. Observer H. Bill. 0.12-m $f/7.5$ refractor + CCD.
- 561 Piskésető Stn. (Konkoly). Observer J. Kelemen. 0.60-m Schmidt + CCD.
- 566 Haleakala-NEAT/GEODSS. Measurer M. Meyer. 1.0-m $f/2.2$ GEODSS reflector + CCD.
- 583 Odessa-Mayaki. Observers S. Kashuba, V. Kashuba, Yu. Gorbanev, S. Podlesnyak, A. Movchan, A. Klabukova, V. Derevyagin, R. Shepelenko, I. Shepelenko. Measurer I. Stogneeve. 0.60-m $f/8.0$ Ritchey-Chrétien + CCD.
- 585 Kiev comet station. Observer A. Baransky. 0.7-m $f/4$ reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, E. F. Helin, S. Pravdo, K. Lawrence, M. Hicks, R. Thicksten. 1.2-m Schmidt + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observer D. Mayes. 0.6-m $f/16$ Cassegrain + CCD.
- 691 Steward Observatory, Kitt Peak. Observers T. H. Bressi, M. T. Read, J. V. Scotti. 0.9-m $f/3$ reflector + CCD.
- 703 Catalina Sky Survey. Observers R. A. Kowalski, A. R. Gibbs, A. Boattini, 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.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, M. Blythe. Measurer J. Stuart. 1.0-m $f/2.15$ reflector + CCD.
- 750 Hobbs Observatory, Fall Creek. Observer N. Moritz. Measurer R. Elliott. 0.6-m $f/5$ Newtonian reflector + CCD.
- 762 Four Winds Observatory, Lake Leelanau. Observer R. Elliott. 0.3-m $f/10$ 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 R. Salvo, S. Roland, S. Bruzzone, G. Tancredi, M. Martinez. Measurer R. Salvo. 0.35-m reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, C. M. Allen. 0.30-m $f/3$ Schmidt-Cassegrain + CCD.
- 854 Sabino Canyon Observatory, Tucson. Observer J. E. McGaha. 0.36-m $f/10.0$ Schmidt-Cassegrain + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.26-m $f/7.0$ reflector + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 970 Chelmsford. Observer N. James. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- A01 Masia Cal Maciarol Modul 1. Observer F. Baldris. 0.20-m $f/5.0$ Newtonian reflector + CCD.
- A13 Observatoire Naef, Marly. Observer P. Kocher. 0.5-m $f/3.3$ Hypergraph + CCD.
- A18 Herne. Observer B. Brinkmann. 0.2-m $f/6.0$ Schmidt-Cassegrain + CCD.
- A32 Panker. Observer H. Denzau. 0.36-m $f/5.5$ Schmidt-Cassegrain + CCD.
- A60 YSTAR-NEOPAT Station, Sutherland. Observers Y. I. Byun, W. Y. Han, Y. W. Kang, S. Y. Park, H. S. Yim, S. Y. Yu, H. K. Moon, S. H. Oh, Y. H. Bae. 0.5-m $f/2$ reflector + CCD.
- A71 Stixendorf. Observers M. Jäger, P. Camilleri, E. Guido, E. Prosperi, G. Sostero, W. Vollmann. Measurer W. Vollmann. 0.20-m $f/2.8$ reflector + CCD, 0.30-m $f/3.3$ 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. 0.20-m $f/4$ reflector + CCD.
- B01 Taunus Observatory, Frankfurt. Observers R. Kling, S. Karge. 0.6-m $f/3.3$ Cassegrain + CCD.
- B15 Inastars Observatory, Potsdam (since 2006). Observer B. Thinius. 0.36-m $f/5.8$ Schmidt-Cassegrain + CCD.
- B18 Terskol. Observers A. Baransky, M. Andreev, V. Ponomarenko. Measurer A. Baransky. 0.36-m $f/10$ reflector + CCD.
- B26 Observatoire des Terres Blanches, Reillanne. Observer H. Jacquinet. 0.35-m reflector + CCD.
- B33 Libbiano Observatory, Peccioli. Observers P. Bacci, R. Emilio. Measurer P. Bacci. 0.5-m $f/10$ Ritchey-Chrétien + CCD.
- B37 Obs. de L' Ametlla del Valles, Barcelona. Observers A. Garrigos S., T. Garrigos S., C. Garrigos S. Measurer A. Garrigos S. 0.51-m $f/4$ Newtonian reflector + CCD.
- B40 Skylive Observatory, Catania. Observers P. Camilleri, G. Sostero, E. Guido, E. Prosperi. Measurer P. Camilleri. 0.30-m $f/6.3$ 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.
- B58 Polaris Observatory, Budapest. Observers T. Tordai, Á. Kárpáti. Measurer K. Sárneczky. 0.28-m $f/3.3$ Schmidt-Cassegrain + CCD.
- B59 Borken. Observer C. Overhaus. 0.1-m $f/9$ refractor + CCD.
- B61 Valldoreix Obs., Sant Cugat del Valles. Observer E. García. 0.25-m $f/4.8$ Schmidt-Cassegrain + CCD.
- B70 Sant Celoni. Observer L. Montoro. 0.20-m $f/5$ Schmidt-Cassegrain + CCD.
- B74 Santa Maria de Montmagastrell. Observer J. M. Bosch. 0.31-m $f/4.9$ Newtonian reflector + CCD.
- B75 Stazione Astronomica Betelgeuse, Magnago. Observer M. Martignoni. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- B76 Sternwarte Schönfeld, Dresden. Observer T. Felber. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.
- B82 Maidbronn. Observer B. Häusler. 0.30-m Schmidt-Cassegrain + CCD.
- B83 Gières. Observer T. Noel. 0.20-m $f/5.0$ reflector + CCD.
- B87 Banyoles. Observer D. Bosch. 0.23-m $f/10$ reflector + CCD.

- B90 Malina River Observatory, Povoletto. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann. Measurer G. Sostero. 0.25-m $f/11$ reflector + CCD.
- B96 Brixii Observatory, Kruike. Observer E. Bryssinck. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- D21 Shenton Park. Observers P. Luckas, P. R. Holvorcem. Measurer P. R. Holvorcem. 0.35-m $f/8.6$ Schmidt-Cassegrain + CCD.
- D25 Tzec Maun Observatory, Pingelly. Observers D. Chestnov, A. Novichonok, D. Mendicini. Measurers A. Novichonok, A. Smirnov, E. Evdokimova, D. Kirienko, D. Mendicini. 0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD.
- D81 Nagano. Observer Y. Ohshima. 0.3-m $f/4.5$ reflector + CCD.
- D90 RAS Observatory, Moorook. Observer H. Sato. 0.14-m $f/7$ refractor + CCD, 0.25-m $f/6$ Ritchey-Chrétien + CCD, 0.30-m $f/9.5$ Ritchey-Chrétien + CCD.
- D93 Sendai Astronomical Observatory. Observer M. Koishikawa. 1.3-m $f/4.85$ reflector + CCD.
- D95 Kurihara. Observer T. Takahashi. 0.08-m $f/6.6$ refractor + CCD.
- E10 Siding Spring-Faulkes Telescope South. Observer F. Tozzi. 2.0-m reflector + CCD.
- E12 Siding Spring Survey. Observers R. H. McNaught, G. J. Garradd. 0.5-m Uppsala Schmidt + CCD.
- E16 Grove Creek Observatory, Trunkey. Observers G. Sostero, E. Guido, P. Camilleri, M. Jäger, W. Vollmann. 0.35-m $f/7$ reflector + CCD.
- E85 Farm Cove. Observer J. McCormick. 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- E94 Possum Observatory, Gisborne. Observer J. Drummond. 0.41-m $f/5.2$ reflector + CCD.
- F59 Ironwood Remote Observatory, Hawaii. Observers K. Archer, V. Reddy, R. Archer. Measurer K. Archer. 0.2-m $f/4$ Newtonian reflector + CCD.
- F65 Haleakala-Faulkes Telescope North. Observers G. Muler, R. Miles. Measurer R. Miles. 2.0-m $f/10.0$ Ritchey-Chrétien + CCD.
- G96 Mt. Lemmon Survey. Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs. 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.
- H01 Magdalena Ridge Observatory, Socorro. Observers W. H. Ryan, E. V. Ryan. Measurer W. H. Ryan. 2.4-m $f/8.9$ reflector + CCD.
- H06 RAS Observatory, Mayhill. Observers E. Bryssinck, H. Sato, P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann, M. Suzuki. Measurers E. Bryssinck, H. Sato, E. Guido, G. Sostero, M. Suzuki. 0.10-m $f/5$ reflector + CCD, 0.25-m $f/3.4$ reflector + CCD, 0.30-m $f/11.9$ reflector + CCD.
- H10 Tzec Maun Observatory, Mayhill. Observers S. Plaksa, V. Nevski, D. Chestnov, A. Novichonok, L. Elenin, E. Bryssinck, A. Smirnov. Measurers S. Plaksa, V. Nevski, A. Novichonok, A. Smirnov, L. Elenin, E. Bryssinck. 0.18-m $f/2.8$ reflector, 0.18-m $f/7.3$ refractor + CCD, 0.21-m $f/7.9$ refractor + CCD, 0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.41-m $f/9$ Ritchey-Chrétien + CCD.
- H36 Sandlot Observatory, Scranton. Observer G. Hug. 0.56-m reflector + CCD, 0.7-m reflector + CCD.
- H45 Arkansas Sky Obs., Petit Jean Mountain South. Observer P. C. Sherrod. 0.51-m $f/4.3$ astrograph + CCD.
- H47 Vicksburg. Observer C. Bell. 0.3-m $f/4.7$ Schmidt-Cassegrain + CCD.
- H55 Astronomical Research Observatory, Charleston. Observer R. Holmes. Measurer K. Dankov. 0.81-m $f/4.5$ astrograph + CCD.
- I13 Washington D.C. Observer R. Schmidt. 0.32-m reflector + CCD.
- I19 Tanti. Observer C. Colazo. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I20 Rio Cuarto. Observer F. D. Mazzone. 0.20-m $f/4$ Schmidt-Newtonian + CCD.
- I21 El Condor Observatory, Córdoba. Observer W. Robledo. Measurer C. Montivero. 0.20-m $f/3.9$ Schmidt-Cassegrain + CCD.
- I32 Observatorio Beta Orionis, Rosario. Observer F. Tifner. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.
- I36 Observatorio Los Campitos, Cañuelas. Observer C. Ambrosioni. 0.20-m Newtonian reflector + CCD.
- J04 ESA Optical Ground Station, Tenerife. Observers M. Busch, R. Kresken, J. Kuusela, Z. Sodnik. 1.0-m $f/4.4$ reflector + CCD.
- J05 Bootes Observatory, Boecillo. Observer D. Cardenosa. Measurers D. Cardenosa, R. Lozano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J10 Alicante. Observer M. Rodriguez de Viguri. 0.20-m $f/5$ reflector + CCD.
- J20 Aravaca. Observer K. W. Wierchos. 0.2-m Schmidt-Cassegrain + CCD.
- J24 Observatorio Altamira. Observer J. F. Hernandez. 0.4-m $f/10$ Schmidt-Cassegrain + CCD.
- J28 Jaen. Observer J. J. Martin. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J35 Tucci Observatory, Martos. Observer J. C. Millán. 0.12-m $f/8.7$ refractor + CCD.
- J38 Observatorio La Vara, Valdés. Observer F. García. 0.25-m $f/8.1$ reflector + CCD.
- J40 Malaga. Observer J. M. Ruiz. 0.20-m $f/5$ Newtonian reflector + CCD.
- J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodriguez R. 0.15-m $f/5$ reflector + CCD.
- J46 Observatorio Montana Blanca, Tias. Observer C. Piret. 0.20-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J47 Observatorio Nazaret. Observer G. Muler. 0.30-m Schmidt-Cassegrain + CCD.
- J51 Observatorio Atlante, Tenerife. Observer J. A. Henríquez. 0.2-m $f/9$ Cassegrain + CCD.
- J59 Observatorio Linceo, Santander. Observer J. Temprano. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J75 OAM Observatory, La Sagra. Observers S. Sanchez, J. Nomen, R. Stoss, J. Rodriguez, W. K. Y. Yeung. 0.40-m $f/10$ reflector + CCD, 0.45-m $f/2.8$ reflector + CCD.
- J87 La Cañada. Observer J. Lacruz. 0.40-m Ritchey-Chrétien + 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.
- J97 Alginet. Observer T. Climent. 0.25-m Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/2005 L3 (McNaught)						
C/2005 L3	2009 08	30.85458	13 05 49.90	+31 48 40.2	15.9 N	945
C/2005 L3	2009 08	30.85850	13 05 50.02	+31 48 40.9	15.9 N	945
C/2005 L3	2009 08	30.86604	13 05 50.45	+31 48 39.6	16.0 N	945
C/2005 L3	2009 08	31.85855	13 06 00.09	+31 45 02.3	15.9 N	J38
C/2005 L3	2009 08	31.86142	13 06 00.06	+31 45 01.9	15.9 N	J38

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C/2005 L3	2009 08 31.87294	13 06 00.17	+31 44 58.9	15.8 N	J38
C/2005 L3	2009 09 06.42602	13 07 00.53	+31 25 44.1	15.0 T	349
C/2005 L3	2009 09 06.43080	13 07 00.57	+31 25 42.7		349
C/2005 L3	2009 09 13.42028	13 08 28.47	+31 03 42.1	15.1 T	349
C/2005 L3	2009 09 13.42698	13 08 28.52	+31 03 41.0		349
C/2005 L3	2009 09 19.42812	13 09 52.99	+30 46 54.3		900
C/2005 L3	2009 09 19.43051	13 09 52.66	+30 46 56.1	15.8 N	900
C/2005 L3	2009 09 19.77492	13 09 57.86	+30 46 03.6	16.0 N	B82
C/2005 L3	2009 09 19.78198	13 09 57.89	+30 46 03.0	16.0 N	B82
C/2005 L3	2009 09 19.78903	13 09 58.00	+30 46 01.6	16.1 N	B82
C/2005 L3	2009 09 19.79608	13 09 58.19	+30 46 00.3	16.2 N	B82
C/2005 L3	2009 09 22.77417	13 10 42.45	+30 38 33.2	16.0 N	B82
C/2005 L3	2009 09 22.78827	13 10 42.79	+30 38 31.7	15.9 N	B82
C/2005 L3	2009 09 22.78851	13 10 42.78	+30 38 31.6	16.0 N	204
C/2005 L3	2009 09 22.79356	13 10 42.88	+30 38 31.2		204
C/2005 L3	2009 09 22.79531	13 10 43.00	+30 38 30.9	16.0 N	B82
C/2005 L3	2009 09 23.77289	13 10 57.80	+30 36 10.9	15.9 N	B82
C/2005 L3	2009 09 23.77993	13 10 57.85	+30 36 10.1	16.0 N	B82
C/2005 L3	2009 09 23.78702	13 10 57.96	+30 36 08.9	15.9 N	B82
C/2005 L3	2009 09 23.79913	13 10 58.04	+30 36 07.3		J20
C/2005 L3	2009 09 27.76735	13 11 59.96	+30 27 22.0	15.9 N	B82
C/2005 L3	2009 09 27.77440	13 12 00.05	+30 27 20.6	15.9 N	B82
C/2005 L3	2009 09 27.78146	13 12 00.17	+30 27 19.9	15.9 N	B82

C/2006 Q1 (McNaught)

C/2006 Q1	2009 08 16.45718	16 06 46.45	+33 04 12.0		D81
C/2006 Q1	2009 08 16.46021	16 06 46.55	+33 04 11.7		D81
C/2006 Q1	2009 08 16.46297	16 06 46.62	+33 04 09.6	15.3 T	D81
C/2006 Q1	2009 08 18.85475	16 07 35.84	+32 48 17.0	16.3 N	212
C/2006 Q1	2009 08 18.85911	16 07 35.94	+32 48 15.1	16.3 N	212
C/2006 Q1	2009 08 18.86203	16 07 36.00	+32 48 14.0	16.4 N	212
C/2006 Q1	2009 08 26.49101	16 10 41.17	+31 57 28.0		367
C/2006 Q1	2009 08 26.49668	16 10 41.38	+31 57 25.2	16.3 T	367
C/2006 Q1	2009 08 28.94292	16 11 49.36	+31 41 15.3	16.3 N	212
C/2006 Q1	2009 08 28.95432	16 11 49.63	+31 41 10.0	16.3 N	212
C/2006 Q1	2009 08 28.96001	16 11 49.89	+31 41 08.0	16.3 N	212
C/2006 Q1	2009 08 29.13189	16 11 54.79	+31 40 03.0	18.2 T	704
C/2006 Q1	2009 08 29.14486	16 11 55.47	+31 39 57.9	19.3 T	704
C/2006 Q1	2009 08 29.17078	16 11 56.04	+31 39 46.3	19.0 T	704
C/2006 Q1	2009 08 29.18388	16 11 56.63	+31 39 38.0	18.5 T	704
C/2006 Q1	2009 08 29.93635	16 12 18.21	+31 34 43.2	16.2 N	945
C/2006 Q1	2009 08 29.94043	16 12 18.17	+31 34 41.3	16.1 N	945
C/2006 Q1	2009 08 29.95957	16 12 18.96	+31 34 32.9	16.3 N	945
C/2006 Q1	2009 08 29.97443	16 12 19.34	+31 34 26.3	16.3 N	945
C/2006 Q1	2009 08 29.98131	16 12 19.56	+31 34 24.4	16.1 N	J38
C/2006 Q1	2009 08 29.98940	16 12 19.74	+31 34 21.4	16.2 N	J38
C/2006 Q1	2009 08 29.99402	16 12 19.66	+31 34 15.4	16.2 N	945
C/2006 Q1	2009 08 29.99477	16 12 19.81	+31 34 19.8	16.2 N	J38
C/2006 Q1	2009 08 30.32184	16 12 29.47	+31 32 11.6	16.3 T	F59
C/2006 Q1	2009 08 30.32528	16 12 29.49	+31 32 09.3	16.5 T	F59
C/2006 Q1	2009 08 30.34012	16 12 30.05	+31 32 03.9	16.5 T	F59
C/2006 Q1	2009 08 30.88934	16 12 46.40	+31 28 26.8	16.3 N	B74
C/2006 Q1	2009 08 30.89503	16 12 46.62	+31 28 24.4	16.2 N	B74

C/2006 Q1	2009 08 30.89731	16 12 46.68	+31 28 23.8	16.4 N	B74
C/2006 Q1	2009 08 30.95117	16 12 48.45	+31 27 59.5	16.4 N	945
C/2006 Q1	2009 08 30.95765	16 12 48.42	+31 27 58.8	16.2 N	945
C/2006 Q1	2009 08 30.96037	16 12 48.51	+31 27 58.3	16.1 N	945
C/2006 Q1	2009 08 30.96333	16 12 48.56	+31 27 57.7	16.3 N	945
C/2006 Q1	2009 08 30.96876	16 12 48.84	+31 27 56.1	16.3 N	945
C/2006 Q1	2009 08 31.88098	16 13 16.42	+31 21 58.1	16.3 N	J38
C/2006 Q1	2009 08 31.88382	16 13 16.49	+31 21 57.0	16.4 N	J38
C/2006 Q1	2009 08 31.89517	16 13 16.83	+31 21 52.4	16.4 N	J38
C/2006 Q1	2009 09 01.85010	16 13 46.38	+31 15 39.6	17.0 N	J47
C/2006 Q1	2009 09 01.86237	16 13 46.72	+31 15 34.2	16.3 N	J47
C/2006 Q1	2009 09 01.86925	16 13 46.90	+31 15 30.9	16.3 N	J47
C/2006 Q1	2009 09 02.84546	16 14 17.74	+31 09 10.6	16.2 N	J97
C/2006 Q1	2009 09 04.86012	16 15 23.06	+30 56 08.7	16.3 N	J97
C/2006 Q1	2009 09 04.87337	16 15 23.42	+30 56 04.1	16.3 N	J97
C/2006 Q1	2009 09 04.88894	16 15 23.94	+30 55 58.1	16.3 N	J97
C/2006 Q1	2009 09 05.83922	16 15 55.65	+30 49 52.6	16.4 N	212
C/2006 Q1	2009 09 05.84640	16 15 55.90	+30 49 48.3	16.4 N	212
C/2006 Q1	2009 09 05.85359	16 15 56.14	+30 49 46.6	16.4 N	212
C/2006 Q1	2009 09 06.46299	16 16 16.77	+30 45 51.9	15.8 T	349
C/2006 Q1	2009 09 06.46552	16 16 16.90	+30 45 51.2		349
C/2006 Q1	2009 09 06.83274	16 16 29.32	+30 43 31.3	15.9 N	A71
C/2006 Q1	2009 09 06.83686	16 16 29.47	+30 43 29.3	16.0 N	A71
C/2006 Q1	2009 09 06.84103	16 16 29.69	+30 43 28.3	15.9 N	A71
C/2006 Q1	2009 09 06.87624	16 16 30.90	+30 43 13.5	16.4 N	945
C/2006 Q1	2009 09 06.88448	16 16 31.11	+30 43 10.9	16.4 N	945
C/2006 Q1	2009 09 06.89167	16 16 31.38	+30 43 09.4	16.3 N	945
C/2006 Q1	2009 09 06.90659	16 16 31.90	+30 43 02.5	16.3 N	945
C/2006 Q1	2009 09 06.91160	16 16 31.99	+30 42 59.3	16.4 N	945
C/2006 Q1	2009 09 07.86789	16 17 05.12	+30 36 56.2	16.3 N	945
C/2006 Q1	2009 09 07.87670	16 17 05.44	+30 36 51.5	16.4 N	945
C/2006 Q1	2009 09 07.87971	16 17 05.56	+30 36 51.8	16.5 N	945
C/2006 Q1	2009 09 08.91438	16 17 41.92	+30 30 18.3	16.3 N	A32
C/2006 Q1	2009 09 08.91923	16 17 42.05	+30 30 16.4	16.2 N	A32
C/2006 Q1	2009 09 08.92668	16 17 42.34	+30 30 12.9	16.5 N	A32
C/2006 Q1	2009 09 09.53468	16 18 03.94	+30 26 24.0	16.5 N	900
C/2006 Q1	2009 09 09.54183	16 18 04.18	+30 26 21.2		900
C/2006 Q1	2009 09 09.79130	16 18 13.18	+30 24 47.1	16.4 N	B82
C/2006 Q1	2009 09 09.79345	16 18 13.25	+30 24 46.4	16.3 N	B82
C/2006 Q1	2009 09 09.79995	16 18 13.51	+30 24 43.9	16.3 N	B82
C/2006 Q1	2009 09 09.80211	16 18 13.60	+30 24 42.9	16.3 N	B82
C/2006 Q1	2009 09 10.53736	16 18 40.12	+30 20 06.4	15.7 T	349
C/2006 Q1	2009 09 10.54402	16 18 40.39	+30 20 04.2		349
C/2006 Q1	2009 09 10.77166	16 18 48.67	+30 18 39.7	17.6 N	B42
C/2006 Q1	2009 09 10.77735	16 18 48.87	+30 18 37.5	16.6 N	B42
C/2006 Q1	2009 09 10.78445	16 18 49.19	+30 18 35.5	17.5 N	B42
C/2006 Q1	2009 09 10.80724	16 18 49.93	+30 18 26.1	17.5 N	461
C/2006 Q1	2009 09 11.79823	16 19 26.43	+30 12 16.2	15.9 T	442
C/2006 Q1	2009 09 11.80045	16 19 26.47	+30 12 15.5	15.9 T	442
C/2006 Q1	2009 09 12.79979	16 20 03.82	+30 06 03.5	16.2 N	235
C/2006 Q1	2009 09 15.46155	16 21 45.87	+29 49 47.4		367
C/2006 Q1	2009 09 15.46733	16 21 46.10	+29 49 45.3	16.4 T	367
C/2006 Q1	2009 09 16.46783	16 22 25.43	+29 43 43.7		900

C/2006 Q1	2009 09 16.47141	16 22 25.58	+29 43 41.9	17.2 N	900
C/2006 Q1	2009 09 17.94923	16 23 24.57	+29 34 50.7	17.2 N	510
C/2006 Q1	2009 09 17.96498	16 23 25.33	+29 34 43.8	17.6 N	510
C/2006 Q1	2009 09 18.84739	16 24 01.14	+29 29 31.2	16.4 N	A18
C/2006 Q1	2009 09 19.06263	16 24 09.93	+29 28 15.3	17.5 N	762
C/2006 Q1	2009 09 19.06909	16 24 10.18	+29 28 13.2	17.6 N	762
C/2006 Q1	2009 09 19.07638	16 24 10.44	+29 28 11.0	17.7 N	762
C/2006 Q1	2009 09 19.08181	16 24 10.70	+29 28 09.1	17.8 N	762
C/2006 Q1	2009 09 19.08679	16 24 10.89	+29 28 06.8	17.7 N	762
C/2006 Q1	2009 09 19.09412	16 24 11.18	+29 28 04.8	17.6 N	762
C/2006 Q1	2009 09 19.09657	16 24 11.30	+29 28 03.7	17.5 N	762
C/2006 Q1	2009 09 19.10487	16 24 11.57	+29 28 00.8	17.4 N	762
C/2006 Q1	2009 09 19.11535	16 24 12.07	+29 27 57.1	17.5 N	762
C/2006 Q1	2009 09 19.80679	16 24 40.46	+29 23 53.8	16.0 N	235
C/2006 Q1	2009 09 22.81561	16 26 46.91	+29 06 30.7		204
C/2006 Q1	2009 09 22.83449	16 26 47.73	+29 06 24.2	16.4 N	B82
C/2006 Q1	2009 09 22.83667	16 26 47.82	+29 06 23.2	16.5 N	B82
C/2006 Q1	2009 09 22.84978	16 26 48.37	+29 06 18.6	16.5 N	B82
C/2006 Q1	2009 09 22.85196	16 26 48.47	+29 06 17.7	16.5 N	B82
C/2006 Q1	2009 09 22.87679	16 26 49.53	+29 06 09.3	16.5 N	204
C/2006 Q1	2009 09 25.83426	16 28 58.01	+28 49 33.2	16.5 N	B82
C/2006 Q1	2009 09 25.83861	16 28 58.25	+28 49 31.3	16.3 N	B82
C/2006 Q1	2009 09 25.84297	16 28 58.47	+28 49 30.0	16.4 N	B82
C/2006 Q1	2009 09 25.85622	16 28 59.01	+28 49 25.9	16.4 N	939
C/2006 Q1	2009 09 25.86461	16 28 59.40	+28 49 23.4	16.4 N	939
C/2006 Q1	2009 09 25.87297	16 28 59.76	+28 49 20.5	16.3 N	939
C/2006 Q1	2009 09 26.11853	16 29 10.62	+28 47 59.8	15.3 T	H06
C/2006 Q1	2009 09 26.12039	16 29 10.71	+28 47 59.2		H06
C/2006 Q1	2009 09 26.12226	16 29 10.79	+28 47 58.6		H06
C/2006 Q1	2009 09 26.80859	16 29 41.26	+28 44 11.9	16.4 N	B82
C/2006 Q1	2009 09 26.81514	16 29 41.56	+28 44 09.5	16.4 N	B82
C/2006 Q1	2009 09 26.82604	16 29 42.06	+28 44 05.9	16.4 N	B82
C/2006 Q1	2009 09 26.89971	16 29 45.35	+28 43 42.2	16.4 N	J24
C/2006 Q1	2009 09 26.90837	16 29 45.75	+28 43 39.3	16.4 N	J24
C/2006 Q1	2009 09 26.91704	16 29 46.07	+28 43 36.7	16.5 N	J24
C/2006 Q1	2009 09 27.83758	16 30 27.32	+28 38 35.7	16.5 N	B82
C/2006 Q1	2009 09 27.84630	16 30 27.71	+28 38 32.4	16.4 N	B82
C/2006 Q1	2009 09 27.85500	16 30 28.08	+28 38 29.9	16.5 N	B82
C/2006 Q1	2009 09 27.90969	16 30 30.58	+28 38 11.7	16.4 N	J38
C/2006 Q1	2009 09 27.91825	16 30 30.98	+28 38 09.9	16.5 N	J38
C/2006 Q1	2009 09 27.92110	16 30 31.09	+28 38 08.9	16.5 N	J38
C/2006 Q1	2009 09 28.09779	16 30 38.98	+28 37 11.8	17.6 T	704
C/2006 Q1	2009 09 28.11030	16 30 39.62	+28 37 07.7	17.9 T	704
C/2006 Q1	2009 09 28.12282	16 30 40.20	+28 37 03.3	17.7 T	704
C/2006 Q1	2009 09 28.13530	16 30 40.77	+28 37 00.0	17.9 T	704
C/2006 Q1	2009 09 28.14792	16 30 41.45	+28 36 55.0	17.7 T	704
C/2006 Q1	2009 09 28.87078	16 31 14.09	+28 33 01.7	16.5 N	J38
C/2006 Q1	2009 09 28.87395	16 31 14.21	+28 33 00.6	16.5 N	J38
C/2006 Q1	2009 09 28.88345	16 31 14.63	+28 32 57.9	16.5 N	J38

C/2006 S3 (LONEOS)

C/2006 S3	2009 08 14.01110	22 28 07.27	+05 05 11.6	16.9 N	B18
C/2006 S3	2009 08 14.01192	22 28 07.24	+05 05 11.4	16.9 N	B18

C/2006 S3	2009 08 14.01434	22 28 07.15	+05 05 10.9	17.0 N	B18
C/2006 S3	2009 08 14.01839	22 28 06.99	+05 05 10.5	17.0 N	B18
C/2006 S3	2009 08 20.08297	22 24 12.13	+04 47 21.8	17.1 N	212
C/2006 S3	2009 08 20.08737	22 24 11.91	+04 47 21.8	17.2 N	212
C/2006 S3	2009 08 20.09176	22 24 11.77	+04 47 20.1	17.1 N	212
C/2006 S3	2009 08 23.54941	22 21 55.37	+04 36 24.7		D81
C/2006 S3	2009 08 23.55876	22 21 55.03	+04 36 22.7	16.6 T	D81
C/2006 S3	2009 08 24.99190	22 20 58.05	+04 31 39.8	17.1 N	A32
C/2006 S3	2009 08 24.99339	22 20 57.99	+04 31 39.6	17.1 N	A32
C/2006 S3	2009 08 24.99600	22 20 57.86	+04 31 38.9	17.1 N	A32
C/2006 S3	2009 08 25.57021	22 20 35.02	+04 29 44.4	16.7 N	400
C/2006 S3	2009 08 25.57697	22 20 34.75	+04 29 43.0	16.8 N	400
C/2006 S3	2009 08 25.58824	22 20 34.26	+04 29 40.7	16.9 N	400
C/2006 S3	2009 08 28.83563	22 18 24.63	+04 18 38.0		204
C/2006 S3	2009 08 28.90624	22 18 21.78	+04 18 23.5	16.5 N	204
C/2006 S3	2009 08 29.04171	22 18 16.34	+04 17 55.1	17.3 N	212
C/2006 S3	2009 08 29.06066	22 18 15.58	+04 17 51.4	17.3 N	212
C/2006 S3	2009 08 29.08400	22 18 14.63	+04 17 46.4	17.3 N	212
C/2006 S3	2009 08 29.26940	22 18 07.29	+04 17 08.6	16.3 T	H06
C/2006 S3	2009 08 29.27224	22 18 07.18	+04 17 08.0		H06
C/2006 S3	2009 08 29.27508	22 18 07.07	+04 17 07.3		H06
C/2006 S3	2009 08 29.91441	22 17 41.48	+04 14 52.9	16.7 N	A71
C/2006 S3	2009 08 29.91833	22 17 41.29	+04 14 51.1	16.8 N	A71
C/2006 S3	2009 08 29.92226	22 17 41.13	+04 14 51.1	16.8 N	A71
C/2006 S3	2009 08 30.54815	22 17 16.10	+04 12 39.4		900
C/2006 S3	2009 08 30.55528	22 17 15.80	+04 12 37.6	17.1 T	900
C/2006 S3	2009 09 01.29001	22 16 06.29	+04 06 28.1	15.8 N	H47
C/2006 S3	2009 09 01.30663	22 16 05.77	+04 06 25.1	15.4 N	H47
C/2006 S3	2009 09 01.32122	22 16 05.06	+04 06 20.6	16.6 N	H47
C/2006 S3	2009 09 02.93030	22 15 00.84	+04 00 30.7	17.3 N	J47
C/2006 S3	2009 09 02.93373	22 15 00.67	+04 00 30.9	17.9 N	J47
C/2006 S3	2009 09 02.93630	22 15 00.55	+04 00 30.3	17.8 N	J47
C/2006 S3	2009 09 07.88365	22 11 43.52	+03 42 05.9	17.6 N	B49
C/2006 S3	2009 09 07.88858	22 11 43.32	+03 42 05.1	17.3 N	B49
C/2006 S3	2009 09 08.94257	22 11 01.62	+03 38 03.0	17.3 N	A32
C/2006 S3	2009 09 08.94631	22 11 01.48	+03 38 02.5	17.2 N	A32
C/2006 S3	2009 09 08.95004	22 11 01.35	+03 38 02.8	17.3 N	A32
C/2006 S3	2009 09 09.58968	22 10 36.10	+03 35 36.3		900
C/2006 S3	2009 09 09.59684	22 10 35.81	+03 35 34.4	17.3 N	900
C/2006 S3	2009 09 09.94687	22 10 22.08	+03 34 13.8	17.9 N	J51
C/2006 S3	2009 09 09.95240	22 10 21.84	+03 34 13.0	17.3 N	J51
C/2006 S3	2009 09 09.95793	22 10 21.65	+03 34 11.5	17.4 N	J51
C/2006 S3	2009 09 10.98503	22 09 41.21	+03 30 15.2	17.4 N	J51
C/2006 S3	2009 09 10.99656	22 09 40.78	+03 30 12.2	17.6 N	J51
C/2006 S3	2009 09 11.00809	22 09 40.43	+03 30 09.7	17.9 N	J51
C/2006 S3	2009 09 12.83176	22 08 29.03	+03 23 04.4	17.0 N	235
C/2006 S3	2009 09 13.02117	22 08 21.63	+03 22 19.1	17.1 N	B82
C/2006 S3	2009 09 13.02473	22 08 21.46	+03 22 18.5	17.2 N	B82
C/2006 S3	2009 09 13.04536	22 08 20.67	+03 22 13.1	17.2 N	B82
C/2006 S3	2009 09 13.93802	22 07 45.99	+03 18 44.0	17.8 N	J47
C/2006 S3	2009 09 13.94321	22 07 45.79	+03 18 42.9	17.8 N	J47
C/2006 S3	2009 09 13.94766	22 07 45.64	+03 18 42.2	18.3 N	J47
C/2006 S3	2009 09 13.97977	22 07 44.42	+03 18 35.7	17.0 N	J24

C/2006 S3	2009 09 13.98845	22 07 44.01	+03 18 32.8	17.0 N	J24
C/2006 S3	2009 09 13.99280	22 07 43.79	+03 18 31.5	17.1 N	J24
C/2006 S3	2009 09 14.06736	22 07 41.05	+03 18 13.6	18.2 T	750
C/2006 S3	2009 09 14.08094	22 07 40.53	+03 18 10.7	18.2 T	750
C/2006 S3	2009 09 14.09742	22 07 39.90	+03 18 08.1	16.9 T	750
C/2006 S3	2009 09 15.89341	22 06 30.56	+03 11 02.2	18.2 N	461
C/2006 S3	2009 09 15.90221	22 06 30.21	+03 11 00.0		461
C/2006 S3	2009 09 15.91137	22 06 29.85	+03 10 57.9		461
C/2006 S3	2009 09 16.58476	22 06 04.05	+03 08 19.3	17.5 N	900
C/2006 S3	2009 09 16.59192	22 06 03.78	+03 08 17.6		900
C/2006 S3	2009 09 18.00316	22 05 10.02	+03 02 40.8	18.4 N	510
C/2006 S3	2009 09 18.02769	22 05 09.14	+03 02 34.9	18.1 N	510
C/2006 S3	2009 09 18.05292	22 05 08.17	+03 02 28.3	17.7 N	510
C/2006 S3	2009 09 18.97619	22 04 33.27	+02 58 47.9	17.4 N	212
C/2006 S3	2009 09 18.98058	22 04 33.14	+02 58 46.9	17.4 N	212
C/2006 S3	2009 09 18.98752	22 04 32.85	+02 58 45.0	17.3 N	212
C/2006 S3	2009 09 18.99325	22 04 32.63	+02 58 43.8	17.3 N	212
C/2006 S3	2009 09 19.55267	22 04 11.65	+02 56 30.2		900
C/2006 S3	2009 09 19.55982	22 04 11.37	+02 56 29.3	17.0 N	900
C/2006 S3	2009 09 19.82109	22 04 01.55	+02 55 25.8	17.1 N	235
C/2006 S3	2009 09 21.81723	22 02 47.35	+02 47 26.8	17.0 N	J10
C/2006 S3	2009 09 21.82382	22 02 47.13	+02 47 24.0	16.3 N	J10
C/2006 S3	2009 09 21.83071	22 02 46.84	+02 47 23.9	17.5 N	J10
C/2006 S3	2009 09 22.93810	22 02 06.12	+02 42 57.3	17.2 N	B74
C/2006 S3	2009 09 22.94171	22 02 05.95	+02 42 55.5	17.2 N	B74
C/2006 S3	2009 09 22.94532	22 02 05.80	+02 42 53.9	17.2 N	B74
C/2006 S3	2009 09 23.86621	22 01 32.26	+02 39 12.9	17.9 T	215
C/2006 S3	2009 09 23.86727	22 01 32.22	+02 39 12.4	17.9 T	215
C/2006 S3	2009 09 23.86833	22 01 32.19	+02 39 11.9	17.8 T	215
C/2006 S3	2009 09 24.11376	22 01 23.26	+02 38 12.9	18.3 N	762
C/2006 S3	2009 09 24.12265	22 01 22.98	+02 38 10.7	18.7 N	762
C/2006 S3	2009 09 24.12956	22 01 22.69	+02 38 09.2	18.3 N	762
C/2006 S3	2009 09 24.54165	22 01 07.79	+02 36 30.3		900
C/2006 S3	2009 09 24.54878	22 01 07.57	+02 36 28.6	17.0 N	900
C/2006 S3	2009 09 24.91513	22 00 54.27	+02 35 00.3	18.1 N	510
C/2006 S3	2009 09 24.93660	22 00 53.54	+02 34 54.9	17.7 N	510
C/2006 S3	2009 09 24.95897	22 00 52.68	+02 34 50.4	18.4 N	510
C/2006 S3	2009 09 25.82570	22 00 21.69	+02 31 20.2	17.8 N	B26
C/2006 S3	2009 09 25.86474	22 00 20.27	+02 31 10.7	18.3 N	970

C/2006 W3 (Christensen)

C/2006 W3	2009 05 25.71696	22 46 25.23	+35 17 00.6	13.4 N	D95
C/2006 W3	2009 05 25.72990	22 46 24.81	+35 17 01.9	12.7 N	D95
C/2006 W3	2009 05 25.73157	22 46 24.80	+35 17 02.0	12.8 N	D95
C/2006 W3	2009 05 25.73514	22 46 24.68	+35 17 02.8	12.8 N	D95
C/2006 W3	2009 05 26.73265	22 45 52.38	+35 18 53.1	13.1 N	D95
C/2006 W3	2009 05 26.73543	22 45 52.35	+35 18 54.5	14.2 N	D95
C/2006 W3	2009 06 01.71213	22 42 03.11	+35 28 31.2	13.4 N	D95
C/2006 W3	2009 06 01.71333	22 42 03.09	+35 28 31.3	13.1 N	D95
C/2006 W3	2009 06 01.71387	22 42 03.04	+35 28 31.2	13.1 N	D95
C/2006 W3	2009 07 05.02311	21 58 22.65	+34 31 42.2	12.5 N	B58
C/2006 W3	2009 07 05.02617	21 58 22.28	+34 31 40.6		B58
C/2006 W3	2009 07 05.02926	21 58 21.95	+34 31 39.9		B58

C/2006 W3	2009 07 05.03240	21 58 21.56	+34 31 38.3		B58
C/2006 W3	2009 07 05.03545	21 58 21.19	+34 31 36.9		B58
C/2006 W3	2009 07 05.03851	21 58 20.83	+34 31 36.0		B58
C/2006 W3	2009 07 23.72909	21 16 52.14	+30 56 36.1		D25
C/2006 W3	2009 07 23.73346	21 16 51.42	+30 56 30.9		D25
C/2006 W3	2009 07 23.73807	21 16 50.75	+30 56 27.0		D25
C/2006 W3	2009 08 01.58895	20 55 00.10	+28 03 56.0		D25
C/2006 W3	2009 08 01.59110	20 54 59.74	+28 03 53.1		D25
C/2006 W3	2009 08 01.59473	20 54 59.23	+28 03 48.1		D25
C/2006 W3	2009 08 14.02331	20 25 05.33	+22 49 44.1	11.9 N	B18
C/2006 W3	2009 08 14.02366	20 25 05.28	+22 49 43.6	11.8 N	B18
C/2006 W3	2009 08 14.02433	20 25 05.19	+22 49 42.3	11.9 N	B18
C/2006 W3	2009 08 14.02466	20 25 05.14	+22 49 41.8	11.8 N	B18
C/2006 W3	2009 08 14.02535	20 25 05.05	+22 49 40.7	11.9 N	B18
C/2006 W3	2009 08 14.02736	20 25 04.77	+22 49 37.1	11.8 N	B18
C/2006 W3	2009 08 14.02904	20 25 04.54	+22 49 34.5	11.9 N	B18
C/2006 W3	2009 08 17.46277	20 17 22.92	+21 11 35.2		D81
C/2006 W3	2009 08 17.46481	20 17 22.65	+21 11 31.6		D81
C/2006 W3	2009 08 17.46676	20 17 22.39	+21 11 28.1		D81
C/2006 W3	2009 08 17.46869	20 17 22.11	+21 11 24.8	8.1 T	D81
C/2006 W3	2009 08 18.98726	20 14 04.24	+20 26 59.1	11.6 N	212
C/2006 W3	2009 08 19.00195	20 14 02.35	+20 26 33.4	11.6 N	212
C/2006 W3	2009 08 19.01990	20 14 00.02	+20 26 01.6	11.6 N	212
C/2006 W3	2009 08 19.98263	20 11 57.04	+19 57 34.0	12.4 N	A32
C/2006 W3	2009 08 19.98561	20 11 56.66	+19 57 28.7	12.3 N	A32
C/2006 W3	2009 08 19.98861	20 11 56.30	+19 57 23.2	12.4 N	A32
C/2006 W3	2009 08 19.99084	20 11 55.99	+19 57 19.1	12.4 N	A32
C/2006 W3	2009 08 20.90200	20 10 01.37	+19 30 13.7	11.7 N	212
C/2006 W3	2009 08 20.90851	20 10 00.54	+19 30 02.0	11.7 N	212
C/2006 W3	2009 08 20.91504	20 09 59.71	+19 29 50.3	11.7 N	212
C/2006 W3	2009 08 23.50290	20 04 43.27	+18 12 06.0	8.9 T	349
C/2006 W3	2009 08 23.50438	20 04 43.08	+18 12 03.3		349
C/2006 W3	2009 08 23.50583	20 04 42.91	+18 12 00.7		349
C/2006 W3	2009 08 24.47198	20 02 48.46	+17 42 46.1	12.8 N	D95
C/2006 W3	2009 08 24.47340	20 02 48.29	+17 42 43.4	12.7 N	D95
C/2006 W3	2009 08 24.47422	20 02 48.18	+17 42 41.9	12.8 N	D95
C/2006 W3	2009 08 24.88970	20 01 59.56	+17 30 04.9	11.9 N	A32
C/2006 W3	2009 08 24.89418	20 01 59.02	+17 29 56.5	11.8 N	A32
C/2006 W3	2009 08 24.89866	20 01 58.49	+17 29 48.4	11.8 N	A32
C/2006 W3	2009 08 24.90240	20 01 58.08	+17 29 41.7	11.9 N	A32
C/2006 W3	2009 08 24.90687	20 01 57.53	+17 29 33.3	11.9 N	A32
C/2006 W3	2009 08 26.52309	19 58 52.26	+16 40 25.7		367
C/2006 W3	2009 08 26.52350	19 58 52.22	+16 40 24.9	9.6 T	367
C/2006 W3	2009 08 27.38186	19 57 16.02	+16 14 16.0	8.9 N	H10
C/2006 W3	2009 08 27.38873	19 57 15.26	+16 14 03.6		H10
C/2006 W3	2009 08 27.39712	19 57 14.35	+16 13 48.2		H10
C/2006 W3	2009 08 27.81484	19 56 28.54	+16 01 03.9	12.1 N	473
C/2006 W3	2009 08 27.81675	19 56 28.21	+16 01 00.3	11.8 N	473
C/2006 W3	2009 08 27.81800	19 56 28.51	+16 01 00.1	11.5 N	473
C/2006 W3	2009 08 27.81926	19 56 27.95	+16 00 56.8	11.7 N	473
C/2006 W3	2009 08 27.84138	19 56 25.58	+16 00 15.4	9.0 N	B96
C/2006 W3	2009 08 27.84575	19 56 25.06	+16 00 07.0	9.0 N	B96
C/2006 W3	2009 08 27.85086	19 56 24.52	+15 59 57.8	9.1 N	B96

C/2006 W3	2009 08 27.85738	19 56 23.77	+15 59 46.2	9.1 N	B96	C/2006 W3	2009 08 30.92428	19 50 57.93	+14 26 21.4	11.8 N	B74
C/2006 W3	2009 08 27.86030	19 56 23.47	+15 59 40.7	9.1 N	B96	C/2006 W3	2009 08 30.92855	19 50 57.50	+14 26 13.3	11.8 N	945
C/2006 W3	2009 08 27.86395	19 56 23.06	+15 59 34.1	9.1 N	B96	C/2006 W3	2009 08 30.93206	19 50 57.14	+14 26 07.0	11.8 N	945
C/2006 W3	2009 08 28.26858	19 55 38.88	+15 47 15.7	12.9 T	F59	C/2006 W3	2009 08 30.93330	19 50 57.00	+14 26 04.8	11.8 N	945
C/2006 W3	2009 08 28.27206	19 55 38.52	+15 47 08.9	12.7 T	F59	C/2006 W3	2009 08 30.93809	19 50 56.48	+14 25 56.0	11.8 N	945
C/2006 W3	2009 08 28.27579	19 55 38.08	+15 47 02.7	12.9 T	F59	C/2006 W3	2009 08 30.93950	19 50 56.34	+14 25 53.4	11.8 N	945
C/2006 W3	2009 08 28.27935	19 55 37.70	+15 46 55.9	12.9 T	F59	C/2006 W3	2009 08 30.99870	19 50 50.30	+14 24 05.7	11.9 N	J38
C/2006 W3	2009 08 28.28318	19 55 37.26	+15 46 49.3	12.7 T	F59	C/2006 W3	2009 08 30.99962	19 50 50.21	+14 24 04.2	11.9 N	J38
C/2006 W3	2009 08 29.00156	19 54 19.53	+15 24 53.7	11.8 N	212	C/2006 W3	2009 08 31.00053	19 50 50.11	+14 24 02.5	11.9 N	J38
C/2006 W3	2009 08 29.00343	19 54 19.33	+15 24 50.4	11.8 N	212	C/2006 W3	2009 08 31.94530	19 49 14.38	+13 55 21.2	11.8 N	945
C/2006 W3	2009 08 29.00531	19 54 19.12	+15 24 46.9	11.8 N	212	C/2006 W3	2009 08 31.94826	19 49 14.12	+13 55 15.6	11.8 N	945
C/2006 W3	2009 08 29.34534	19 53 42.93	+15 14 26.8	13.0 T	F59	C/2006 W3	2009 08 31.96442	19 49 12.51	+13 54 46.6	11.8 N	945
C/2006 W3	2009 08 29.34918	19 53 42.51	+15 14 19.5	13.0 T	F59	C/2006 W3	2009 08 31.96738	19 49 12.17	+13 54 40.8	11.8 N	945
C/2006 W3	2009 08 29.35284	19 53 42.14	+15 14 12.8	13.0 T	F59	C/2006 W3	2009 09 01.16011	19 48 52.75	+13 48 51.3	11.6 T	I13
C/2006 W3	2009 08 29.35655	19 53 41.72	+15 14 06.0	13.1 T	F59	C/2006 W3	2009 09 01.16687	19 48 52.01	+13 48 38.6	10.8 T	I13
C/2006 W3	2009 08 29.36018	19 53 41.34	+15 13 59.5	13.0 T	F59	C/2006 W3	2009 09 01.17608	19 48 51.20	+13 48 21.4	11.0 T	I13
C/2006 W3	2009 08 29.38272	19 53 38.85	+15 13 17.6		H10	C/2006 W3	2009 09 01.19574	19 48 49.19	+13 47 46.3	11.6 T	I13
C/2006 W3	2009 08 29.38880	19 53 38.16	+15 13 06.1		H10	C/2006 W3	2009 09 01.87369	19 47 42.61	+13 27 15.4	11.9 N	J47
C/2006 W3	2009 08 29.39527	19 53 37.52	+15 12 54.5		H10	C/2006 W3	2009 09 01.87942	19 47 42.02	+13 27 04.8	12.9 N	J47
C/2006 W3	2009 08 29.52326	19 53 24.18	+15 09 00.3	10.1 T	372	C/2006 W3	2009 09 01.88657	19 47 41.32	+13 26 52.0	11.9 N	J47
C/2006 W3	2009 08 29.98587	19 52 35.22	+14 54 54.4	11.8 N	A01	C/2006 W3	2009 09 02.855477	19 46 07.61	+12 57 38.1	11.9 N	J97
C/2006 W3	2009 08 29.98663	19 52 35.15	+14 54 53.0	11.8 N	A01	C/2006 W3	2009 09 02.85729	19 46 07.36	+12 57 33.6	11.8 N	J97
C/2006 W3	2009 08 30.00854	19 52 32.85	+14 54 13.3	11.7 N	J35	C/2006 W3	2009 09 02.85916	19 46 07.21	+12 57 30.2	11.9 N	J97
C/2006 W3	2009 08 30.01021	19 52 32.68	+14 54 10.3	11.7 N	J35	C/2006 W3	2009 09 02.89846	19 46 03.40	+12 56 19.5	11.8 N	J47
C/2006 W3	2009 08 30.01463	19 52 32.26	+14 54 02.8	11.7 N	J35	C/2006 W3	2009 09 02.90809	19 46 02.46	+12 56 02.0	12.3 N	J47
C/2006 W3	2009 08 30.03148	19 52 30.41	+14 53 30.6	11.7 N	945	C/2006 W3	2009 09 02.91312	19 46 01.96	+12 55 52.9	11.8 N	J47
C/2006 W3	2009 08 30.03444	19 52 30.10	+14 53 25.1	11.7 N	945	C/2006 W3	2009 09 03.89513	19 44 29.40	+12 26 21.6	11.9 N	J51
C/2006 W3	2009 08 30.05214	19 52 28.22	+14 52 52.9	11.6 N	945	C/2006 W3	2009 09 03.90029	19 44 28.91	+12 26 12.3	11.9 N	J51
C/2006 W3	2009 08 30.05495	19 52 27.91	+14 52 47.3	11.6 N	945	C/2006 W3	2009 09 03.91009	19 44 27.99	+12 25 54.8	11.9 N	J51
C/2006 W3	2009 08 30.06032	19 52 27.35	+14 52 37.8	11.7 N	945	C/2006 W3	2009 09 04.85884	19 43 00.77	+11 57 30.6	11.8 N	J47
C/2006 W3	2009 08 30.43469	19 51 48.37	+14 41 16.4	12.8 T	F59	C/2006 W3	2009 09 04.87716	19 42 59.07	+11 56 57.8	11.8 N	J47
C/2006 W3	2009 08 30.43837	19 51 48.01	+14 41 09.8	12.8 T	F59	C/2006 W3	2009 09 04.90669	19 42 56.36	+11 56 05.0	11.7 N	J47
C/2006 W3	2009 08 30.44189	19 51 47.58	+14 41 02.8	12.9 T	F59	C/2006 W3	2009 09 05.02466	19 42 45.53	+11 52 33.3	11.8 N	J24
C/2006 W3	2009 08 30.44544	19 51 47.24	+14 40 57.0	12.9 T	F59	C/2006 W3	2009 09 05.03116	19 42 44.94	+11 52 21.7	11.8 N	J24
C/2006 W3	2009 08 30.44904	19 51 46.89	+14 40 50.4	12.9 T	F59	C/2006 W3	2009 09 05.03627	19 42 44.48	+11 52 12.5	11.8 N	J24
C/2006 W3	2009 08 30.65938	19 51 25.15	+14 34 24.6	10.0 T	372	C/2006 W3	2009 09 05.82439	19 41 34.11	+11 28 44.6	11.8 N	232
C/2006 W3	2009 08 30.81088	19 51 09.69	+14 29 48.1	11.1 N	A97	C/2006 W3	2009 09 05.82679	19 41 33.90	+11 28 40.3	11.8 N	232
C/2006 W3	2009 08 30.81321	19 51 09.48	+14 29 44.1	11.4 N	A97	C/2006 W3	2009 09 05.82922	19 41 33.68	+11 28 36.0	11.8 N	232
C/2006 W3	2009 08 30.81555	19 51 09.22	+14 29 40.0	11.4 N	A97	C/2006 W3	2009 09 05.83169	19 41 33.46	+11 28 31.6	11.5 N	A97
C/2006 W3	2009 08 30.81789	19 51 08.99	+14 29 35.6	11.4 N	A97	C/2006 W3	2009 09 05.83636	19 41 33.04	+11 28 23.1	11.5 N	A97
C/2006 W3	2009 08 30.83642	19 51 07.13	+14 29 01.9	11.9 N	213	C/2006 W3	2009 09 05.84103	19 41 32.62	+11 28 15.0	11.5 N	A97
C/2006 W3	2009 08 30.83917	19 51 06.85	+14 28 56.9	11.9 N	213	C/2006 W3	2009 09 05.85724	19 41 31.22	+11 27 46.0	12.0 N	213
C/2006 W3	2009 08 30.84192	19 51 06.56	+14 28 51.9	11.9 N	213	C/2006 W3	2009 09 05.85957	19 41 31.02	+11 27 42.0	12.0 N	213
C/2006 W3	2009 08 30.84503	19 51 06.21	+14 28 46.2	12.4 N	213	C/2006 W3	2009 09 05.86244	19 41 30.76	+11 27 36.9	11.9 N	213
C/2006 W3	2009 08 30.84961	19 51 05.73	+14 28 38.1	12.9 N	213	C/2006 W3	2009 09 05.88873	19 41 28.40	+11 26 49.4	11.8 N	945
C/2006 W3	2009 08 30.86074	19 51 04.58	+14 28 17.5	12.7 N	J59	C/2006 W3	2009 09 05.90087	19 41 27.30	+11 26 27.7	11.8 N	945
C/2006 W3	2009 08 30.86100	19 51 04.63	+14 28 18.1	11.8 N	J47	C/2006 W3	2009 09 05.90329	19 41 27.08	+11 26 23.5	11.8 N	945
C/2006 W3	2009 08 30.87144	19 51 03.47	+14 27 58.1	12.6 N	J59	C/2006 W3	2009 09 05.98010	19 41 20.22	+11 24 06.3	11.8 N	945
C/2006 W3	2009 08 30.87870	19 51 02.76	+14 27 45.4	11.8 N	J47	C/2006 W3	2009 09 05.98270	19 41 20.00	+11 24 01.8	11.8 N	945
C/2006 W3	2009 08 30.88175	19 51 02.40	+14 27 39.1	12.6 N	J59	C/2006 W3	2009 09 06.15433	19 41 04.93	+11 19 01.1		I21
C/2006 W3	2009 08 30.88751	19 51 01.86	+14 27 29.3	11.8 N	J47	C/2006 W3	2009 09 06.17517	19 41 02.97	+11 18 24.0		I21
C/2006 W3	2009 08 30.92199	19 50 58.16	+14 26 24.8	11.8 N	B74	C/2006 W3	2009 09 06.18219	19 41 02.40	+11 18 11.7		I21
C/2006 W3	2009 08 30.92374	19 50 57.99	+14 26 22.4	11.8 N	B74	C/2006 W3	2009 09 06.42343	19 40 41.52	+11 10 59.3	13.5 N	D95

C/2006 W3	2009 09 06.42741	19 40 41.18	+11 10 52.3	13.6 N	D95	C/2006 W3	2009 09 08.85646	19 37 16.58	+09 59 31.5	12.5 N	A32
C/2006 W3	2009 09 06.42800	19 40 41.12	+11 10 51.3	13.4 N	D95	C/2006 W3	2009 09 08.85944	19 37 16.30	+09 59 26.1	12.5 N	A32
C/2006 W3	2009 09 06.42883	19 40 41.05	+11 10 49.6	13.7 N	D95	C/2006 W3	2009 09 08.86317	19 37 16.01	+09 59 19.8	12.6 N	A32
C/2006 W3	2009 09 06.42917	19 40 41.01	+11 10 49.0	13.5 N	D95	C/2006 W3	2009 09 08.86690	19 37 15.68	+09 59 13.0	12.6 N	A32
C/2006 W3	2009 09 06.42955	19 40 40.98	+11 10 48.2	13.4 N	D95	C/2006 W3	2009 09 08.90774	19 37 12.21	+09 58 01.3	11.8 N	A71
C/2006 W3	2009 09 06.50778	19 40 34.12	+11 08 29.9	10.1 T	355	C/2006 W3	2009 09 08.91019	19 37 12.07	+09 57 57.8	11.8 N	A71
C/2006 W3	2009 09 06.50853	19 40 34.04	+11 08 28.4		355	C/2006 W3	2009 09 08.91178	19 37 11.96	+09 57 55.1	11.8 N	A71
C/2006 W3	2009 09 06.50890	19 40 34.01	+11 08 27.7		355	C/2006 W3	2009 09 09.83994	19 35 57.76	+09 31 00.8	12.0 N	J51
C/2006 W3	2009 09 06.50927	19 40 33.98	+11 08 27.0		355	C/2006 W3	2009 09 09.84912	19 35 57.02	+09 30 44.9	12.0 N	J51
C/2006 W3	2009 09 06.50964	19 40 33.96	+11 08 26.3		355	C/2006 W3	2009 09 09.85714	19 35 56.40	+09 30 31.2	11.9 N	J51
C/2006 W3	2009 09 06.54988	19 40 30.39	+11 07 14.9	12.5 N	900	C/2006 W3	2009 09 09.89607	19 35 53.20	+09 29 23.1		B61
C/2006 W3	2009 09 06.55353	19 40 30.07	+11 07 09.2		900	C/2006 W3	2009 09 09.89973	19 35 52.94	+09 29 16.5	12.3 N	J97
C/2006 W3	2009 09 06.90439	19 39 59.77	+10 56 45.8	11.7 N	A71	C/2006 W3	2009 09 09.90020	19 35 52.90	+09 29 15.7	12.3 N	J97
C/2006 W3	2009 09 06.90519	19 39 59.72	+10 56 44.2	11.7 N	A71	C/2006 W3	2009 09 09.90068	19 35 52.87	+09 29 14.9	12.3 N	J97
C/2006 W3	2009 09 06.90598	19 39 59.66	+10 56 42.9	11.7 N	A71	C/2006 W3	2009 09 09.90116	19 35 52.82	+09 29 14.0	12.3 N	J97
C/2006 W3	2009 09 06.90795	19 39 59.45	+10 56 39.1	11.8 N	A71	C/2006 W3	2009 09 09.92762	19 35 50.68	+09 28 28.4		B61
C/2006 W3	2009 09 06.91069	19 39 59.23	+10 56 34.5	11.7 N	A71	C/2006 W3	2009 09 09.93635	19 35 49.98	+09 28 13.0		B61
C/2006 W3	2009 09 06.92936	19 39 57.64	+10 56 01.2	11.9 N	945	C/2006 W3	2009 09 10.05788	19 35 40.39	+09 24 46.6	12.9 N	I32
C/2006 W3	2009 09 06.93329	19 39 57.31	+10 55 54.3	11.9 N	945	C/2006 W3	2009 09 10.06056	19 35 40.24	+09 24 41.5	12.9 N	I32
C/2006 W3	2009 09 06.93823	19 39 56.89	+10 55 45.7	11.8 N	945	C/2006 W3	2009 09 10.06429	19 35 39.94	+09 24 35.5	12.8 N	I32
C/2006 W3	2009 09 06.94073	19 39 56.67	+10 55 41.1	11.9 N	945	C/2006 W3	2009 09 10.76279	19 34 45.78	+09 04 25.1	13.4 N	585
C/2006 W3	2009 09 06.94231	19 39 56.51	+10 55 38.3	11.8 N	945	C/2006 W3	2009 09 10.76332	19 34 45.76	+09 04 24.2	13.4 N	585
C/2006 W3	2009 09 07.49485	19 39 09.50	+10 39 23.0	10.3 T	355	C/2006 W3	2009 09 10.76378	19 34 45.72	+09 04 23.3	13.4 N	585
C/2006 W3	2009 09 07.49596	19 39 09.41	+10 39 21.1		355	C/2006 W3	2009 09 10.76424	19 34 45.68	+09 04 22.8	13.4 N	585
C/2006 W3	2009 09 07.49782	19 39 09.23	+10 39 17.7		355	C/2006 W3	2009 09 10.76475	19 34 45.64	+09 04 21.8	13.5 N	585
C/2006 W3	2009 09 07.83517	19 38 40.88	+10 29 22.9	11.6 N	160	C/2006 W3	2009 09 10.76542	19 34 45.58	+09 04 20.8	13.5 N	585
C/2006 W3	2009 09 07.83698	19 38 40.73	+10 29 19.8	11.7 N	160	C/2006 W3	2009 09 10.77442	19 34 44.88	+09 04 05.2	12.9 N	585
C/2006 W3	2009 09 07.83787	19 38 40.65	+10 29 18.3	11.7 N	160	C/2006 W3	2009 09 10.77480	19 34 44.85	+09 04 04.6	13.2 N	585
C/2006 W3	2009 09 07.94390	19 38 31.69	+10 26 10.9	11.9 N	945	C/2006 W3	2009 09 10.77500	19 34 44.84	+09 04 04.2	13.4 N	585
C/2006 W3	2009 09 07.94531	19 38 31.56	+10 26 08.5	11.9 N	945	C/2006 W3	2009 09 10.77598	19 34 44.77	+09 04 02.5	13.6 N	585
C/2006 W3	2009 09 07.95049	19 38 31.13	+10 25 59.6	11.9 N	945	C/2006 W3	2009 09 10.77637	19 34 44.69	+09 04 01.4	13.7 N	585
C/2006 W3	2009 09 07.95769	19 38 30.54	+10 25 46.8	11.9 N	945	C/2006 W3	2009 09 10.77904	19 34 44.52	+09 03 57.1	13.4 N	585
C/2006 W3	2009 09 07.96174	19 38 30.20	+10 25 39.7	11.8 N	945	C/2006 W3	2009 09 10.78428	19 34 44.11	+09 03 48.3	13.1 N	585
C/2006 W3	2009 09 07.97091	19 38 29.38	+10 25 23.7	12.0 N	J40	C/2006 W3	2009 09 10.79263	19 34 43.46	+09 03 33.7	13.0 N	585
C/2006 W3	2009 09 07.97183	19 38 29.30	+10 25 22.1	12.0 N	J40	C/2006 W3	2009 09 10.79275	19 34 43.47	+09 03 33.8	13.0 N	461
C/2006 W3	2009 09 07.97818	19 38 28.77	+10 25 11.1	12.0 N	J40	C/2006 W3	2009 09 10.79520	19 34 43.29	+09 03 29.7		461
C/2006 W3	2009 09 08.06221	19 38 21.94	+10 22 43.6	13.6 N	750	C/2006 W3	2009 09 10.79763	19 34 43.10	+09 03 25.5		461
C/2006 W3	2009 09 08.08594	19 38 19.95	+10 22 02.0	13.6 N	750	C/2006 W3	2009 09 10.85288	19 34 38.86	+09 01 50.6	12.1 N	213
C/2006 W3	2009 09 08.09771	19 38 18.97	+10 21 41.3	13.7 N	750	C/2006 W3	2009 09 10.85348	19 34 38.79	+09 01 49.5	12.1 N	213
C/2006 W3	2009 09 08.15624	19 38 14.06	+10 19 59.1	12.9 N	H47	C/2006 W3	2009 09 10.85593	19 34 38.61	+09 01 45.4	12.1 N	213
C/2006 W3	2009 09 08.16938	19 38 12.96	+10 19 36.1	12.9 N	H47	C/2006 W3	2009 09 10.86508	19 34 37.87	+09 01 29.4	12.0 N	232
C/2006 W3	2009 09 08.17388	19 38 12.58	+10 19 28.1	12.9 N	H47	C/2006 W3	2009 09 10.87078	19 34 37.51	+09 01 20.2	12.0 N	J47
C/2006 W3	2009 09 08.53168	19 37 43.01	+10 09 00.4	13.5 N	D95	C/2006 W3	2009 09 10.87626	19 34 37.09	+09 01 10.9	12.0 N	J47
C/2006 W3	2009 09 08.53231	19 37 42.97	+10 08 59.1	13.6 N	D95	C/2006 W3	2009 09 10.87772	19 34 36.92	+09 01 07.7	9.3 N	B96
C/2006 W3	2009 09 08.53286	19 37 42.93	+10 08 58.4	13.6 N	D95	C/2006 W3	2009 09 10.88348	19 34 36.51	+09 00 58.5	12.0 N	J47
C/2006 W3	2009 09 08.53336	19 37 42.88	+10 08 57.3	13.5 N	D95	C/2006 W3	2009 09 10.88436	19 34 36.37	+09 00 56.0	11.9 N	232
C/2006 W3	2009 09 08.83275	19 37 18.50	+10 00 15.1	11.9 N	B59	C/2006 W3	2009 09 10.88647	19 34 36.26	+09 00 52.7	9.4 N	B96
C/2006 W3	2009 09 08.83455	19 37 18.37	+10 00 10.0	13.2 N	B59	C/2006 W3	2009 09 10.89449	19 34 35.64	+09 00 38.8	9.3 N	B96
C/2006 W3	2009 09 08.83634	19 37 18.23	+10 00 07.0	13.0 N	B59	C/2006 W3	2009 09 10.90721	19 34 34.59	+09 00 16.8	12.0 N	232
C/2006 W3	2009 09 08.83903	19 37 18.00	+10 00 02.3	13.0 N	B59	C/2006 W3	2009 09 10.91823	19 34 33.80	+08 59 59.0	12.4 N	J51
C/2006 W3	2009 09 08.84082	19 37 17.73	+10 00 00.8	12.8 N	B59	C/2006 W3	2009 09 10.92397	19 34 33.37	+08 59 49.0	12.4 N	J51
C/2006 W3	2009 09 08.84928	19 37 17.19	+09 59 45.5	11.9 N	J47	C/2006 W3	2009 09 10.92972	19 34 32.93	+08 59 39.0	12.8 N	J51
C/2006 W3	2009 09 08.85347	19 37 16.80	+09 59 36.4	12.5 N	A32	C/2006 W3	2009 09 10.95384	19 34 31.03	+08 58 56.5	11.8 N	945

C/2006 W3	2009 09 10.95538	19 34 30.86	+08 58 53.5	11.8 N	945	C/2006 W3	2009 09 13.85157	19 30 59.43	+07 37 01.2	12.6 N	J51
C/2006 W3	2009 09 10.95682	19 34 30.80	+08 58 51.0	11.8 N	945	C/2006 W3	2009 09 13.95529	19 30 52.08	+07 34 07.1	12.0 N	J47
C/2006 W3	2009 09 10.96126	19 34 30.48	+08 58 43.6	11.8 N	945	C/2006 W3	2009 09 13.95816	19 30 51.88	+07 34 02.0	11.8 N	J24
C/2006 W3	2009 09 10.96324	19 34 30.29	+08 58 40.0	11.8 N	945	C/2006 W3	2009 09 13.95968	19 30 51.78	+07 33 59.9	12.0 N	J47
C/2006 W3	2009 09 11.03244	19 34 24.97	+08 56 42.0	11.9 N	J24	C/2006 W3	2009 09 13.96205	19 30 51.59	+07 33 55.5	11.7 N	J24
C/2006 W3	2009 09 11.03633	19 34 24.65	+08 56 35.4	11.9 N	J24	C/2006 W3	2009 09 13.96471	19 30 51.44	+07 33 51.2	12.1 N	J47
C/2006 W3	2009 09 11.04022	19 34 24.35	+08 56 28.6	11.9 N	J24	C/2006 W3	2009 09 13.96516	19 30 51.38	+07 33 50.7	11.6 N	J24
C/2006 W3	2009 09 11.05762	19 34 23.23	+08 55 58.7	13.3 T	750	C/2006 W3	2009 09 14.05392	19 30 45.32	+07 31 21.8	13.4 N	750
C/2006 W3	2009 09 11.07618	19 34 21.80	+08 55 26.8	13.3 N	750	C/2006 W3	2009 09 14.07078	19 30 44.16	+07 30 54.2	13.2 N	750
C/2006 W3	2009 09 11.09743	19 34 20.16	+08 54 50.3	13.5 N	750	C/2006 W3	2009 09 14.09245	19 30 42.63	+07 30 17.2	13.3 N	750
C/2006 W3	2009 09 11.13560	19 34 17.23	+08 53 44.9	13.5 N	762	C/2006 W3	2009 09 14.79936	19 29 54.40	+07 10 41.3		J20
C/2006 W3	2009 09 11.14927	19 34 16.17	+08 53 21.3	13.4 N	762	C/2006 W3	2009 09 14.80410	19 29 54.07	+07 10 33.3		J20
C/2006 W3	2009 09 11.15763	19 34 15.53	+08 53 06.9	13.2 N	762	C/2006 W3	2009 09 14.80741	19 29 53.83	+07 10 27.8		J20
C/2006 W3	2009 09 11.48527	19 33 50.76	+08 43 46.0		D95	C/2006 W3	2009 09 14.89737	19 29 47.59	+07 07 57.7	12.0 N	B74
C/2006 W3	2009 09 11.48615	19 33 50.71	+08 43 44.5		D95	C/2006 W3	2009 09 14.89894	19 29 47.48	+07 07 55.1	12.1 N	B74
C/2006 W3	2009 09 11.48685	19 33 50.65	+08 43 43.4		D95	C/2006 W3	2009 09 14.90138	19 29 47.31	+07 07 51.1	12.0 N	B74
C/2006 W3	2009 09 11.48777	19 33 50.59	+08 43 41.6		D95	C/2006 W3	2009 09 15.53443	19 29 05.18	+06 50 26.1	12.8 N	367
C/2006 W3	2009 09 11.48829	19 33 50.54	+08 43 40.6		D95	C/2006 W3	2009 09 15.53484	19 29 05.16	+06 50 25.6	12.8 N	367
C/2006 W3	2009 09 11.48885	19 33 50.50	+08 43 39.7		D95	C/2006 W3	2009 09 15.88008	19 28 42.59	+06 40 58.1	13.7 N	J87
C/2006 W3	2009 09 11.81931	19 33 25.89	+08 34 15.5	11.5 T	442	C/2006 W3	2009 09 15.88356	19 28 42.33	+06 40 52.5	13.9 N	J87
C/2006 W3	2009 09 11.82146	19 33 25.73	+08 34 11.7	11.5 T	442	C/2006 W3	2009 09 15.88709	19 28 42.13	+06 40 46.7	13.7 N	J87
C/2006 W3	2009 09 11.88308	19 33 21.05	+08 32 26.4	13.2 N	J10	C/2006 W3	2009 09 16.45109	19 28 05.75	+06 25 24.3		D95
C/2006 W3	2009 09 11.88970	19 33 20.55	+08 32 15.2	13.3 N	J10	C/2006 W3	2009 09 16.45179	19 28 05.69	+06 25 23.3		D95
C/2006 W3	2009 09 11.89777	19 33 19.95	+08 32 01.3	13.2 N	J10	C/2006 W3	2009 09 16.45248	19 28 05.66	+06 25 22.4		D95
C/2006 W3	2009 09 11.90735	19 33 19.22	+08 31 44.8	12.8 N	160	C/2006 W3	2009 09 16.45311	19 28 05.62	+06 25 21.1		D95
C/2006 W3	2009 09 11.90979	19 33 19.05	+08 31 40.5	12.7 N	160	C/2006 W3	2009 09 16.50243	19 28 02.28	+06 24 00.9		900
C/2006 W3	2009 09 11.91262	19 33 18.82	+08 31 35.7	12.7 N	160	C/2006 W3	2009 09 16.50611	19 28 02.11	+06 23 55.8	13.5 N	900
C/2006 W3	2009 09 11.91891	19 33 18.33	+08 31 25.0	14.2 T	583	C/2006 W3	2009 09 16.82049	19 27 42.34	+06 15 22.9	12.5 N	A32
C/2006 W3	2009 09 11.92586	19 33 17.80	+08 31 12.3	14.2 T	583	C/2006 W3	2009 09 16.82347	19 27 42.16	+06 15 17.7	12.5 N	A32
C/2006 W3	2009 09 12.81293	19 32 13.02	+08 06 07.3	11.9 N	235	C/2006 W3	2009 09 16.82721	19 27 41.89	+06 15 12.0	12.6 N	A32
C/2006 W3	2009 09 12.83987	19 32 11.18	+08 05 22.6	12.0 N	J47	C/2006 W3	2009 09 16.83094	19 27 41.70	+06 15 05.8	12.7 N	A32
C/2006 W3	2009 09 12.84836	19 32 10.57	+08 05 08.5	12.0 N	J47	C/2006 W3	2009 09 16.83737	19 27 41.32	+06 14 56.1	12.1 N	J47
C/2006 W3	2009 09 12.85168	19 32 10.32	+08 05 02.8	12.0 N	J47	C/2006 W3	2009 09 16.84431	19 27 40.88	+06 14 44.9	12.0 N	J47
C/2006 W3	2009 09 12.92944	19 32 04.60	+08 02 50.3	11.8 N	B82	C/2006 W3	2009 09 16.85410	19 27 40.26	+06 14 29.3	12.0 N	J47
C/2006 W3	2009 09 12.93258	19 32 04.35	+08 02 45.0	11.8 N	B82	C/2006 W3	2009 09 17.80009	19 26 41.72	+05 49 01.6		J20
C/2006 W3	2009 09 12.94451	19 32 03.49	+08 02 25.3	12.0 N	212	C/2006 W3	2009 09 17.80576	19 26 41.42	+05 48 52.6		J20
C/2006 W3	2009 09 12.94547	19 32 03.42	+08 02 23.6	12.0 N	212	C/2006 W3	2009 09 17.80767	19 26 41.26	+05 48 49.1		J20
C/2006 W3	2009 09 12.94668	19 32 03.33	+08 02 21.6	12.0 N	212	C/2006 W3	2009 09 17.86007	19 26 37.99	+05 47 24.2	12.2 N	A32
C/2006 W3	2009 09 12.94789	19 32 03.24	+08 02 19.6	11.9 N	212	C/2006 W3	2009 09 17.86455	19 26 37.68	+05 47 16.7	12.1 N	A32
C/2006 W3	2009 09 12.94940	19 32 03.14	+08 02 17.0	12.0 N	212	C/2006 W3	2009 09 17.86828	19 26 37.46	+05 47 10.8	12.1 N	A32
C/2006 W3	2009 09 12.95046	19 32 03.06	+08 02 14.5	11.9 N	B82	C/2006 W3	2009 09 17.87201	19 26 37.21	+05 47 04.8	12.1 N	A32
C/2006 W3	2009 09 12.95094	19 32 03.02	+08 02 14.5	12.0 N	212	C/2006 W3	2009 09 17.87573	19 26 36.96	+05 46 58.8	11.9 N	A32
C/2006 W3	2009 09 13.00083	19 31 59.53	+08 00 54.8		I21	C/2006 W3	2009 09 17.88345	19 26 36.55	+05 46 47.0	12.4 N	J38
C/2006 W3	2009 09 13.01573	19 31 58.48	+08 00 29.0		834	C/2006 W3	2009 09 17.88635	19 26 36.37	+05 46 42.3	12.3 N	J38
C/2006 W3	2009 09 13.02245	19 31 58.00	+08 00 17.7		834	C/2006 W3	2009 09 17.89211	19 26 36.02	+05 46 33.0	12.4 N	J38
C/2006 W3	2009 09 13.02787	19 31 57.58	+08 00 08.6		I21	C/2006 W3	2009 09 17.92628	19 26 33.91	+05 45 38.1	13.2 N	510
C/2006 W3	2009 09 13.03088	19 31 57.38	+08 00 03.5		834	C/2006 W3	2009 09 17.93018	19 26 33.69	+05 45 31.8	13.1 N	510
C/2006 W3	2009 09 13.05086	19 31 55.95	+07 59 29.5		834	C/2006 W3	2009 09 17.93409	19 26 33.45	+05 45 25.4	13.1 N	510
C/2006 W3	2009 09 13.82468	19 31 01.29	+07 37 45.0	11.9 N	J59	C/2006 W3	2009 09 18.80054	19 25 41.83	+05 22 22.5	11.6 N	A97
C/2006 W3	2009 09 13.83023	19 31 00.88	+07 37 35.5	11.9 N	J59	C/2006 W3	2009 09 18.81193	19 25 41.18	+05 22 04.4	11.6 N	A97
C/2006 W3	2009 09 13.83738	19 31 00.39	+07 37 23.6	11.9 N	J59	C/2006 W3	2009 09 18.81660	19 25 40.89	+05 21 56.9	11.7 N	A97
C/2006 W3	2009 09 13.84145	19 31 00.11	+07 37 17.4	12.6 N	J51	C/2006 W3	2009 09 18.86125	19 25 38.30	+05 20 46.5	12.2 N	213
C/2006 W3	2009 09 13.84651	19 30 59.77	+07 37 09.3	12.6 N	J51	C/2006 W3	2009 09 18.86262	19 25 38.22	+05 20 44.4	12.2 N	213

C/2006 W3	2009 09 18.86464	19 25 38.09	+05 20 41.0	12.2 N	213
C/2006 W3	2009 09 18.87755	19 25 37.27	+05 20 20.0	11.3 N	A18
C/2006 W3	2009 09 18.89037	19 25 36.51	+05 19 59.7	11.3 N	A18
C/2006 W3	2009 09 18.93624	19 25 33.82	+05 18 47.3	11.7 N	A01
C/2006 W3	2009 09 18.93777	19 25 33.72	+05 18 44.8	11.7 N	A01
C/2006 W3	2009 09 18.93929	19 25 33.64	+05 18 42.4	11.6 N	A01
C/2006 W3	2009 09 18.93987	19 25 33.61	+05 18 41.7	12.0 N	212
C/2006 W3	2009 09 18.94062	19 25 33.58	+05 18 40.5	12.1 N	212
C/2006 W3	2009 09 18.94366	19 25 33.39	+05 18 35.6	12.0 N	212
C/2006 W3	2009 09 18.94444	19 25 33.34	+05 18 34.3	12.0 N	212
C/2006 W3	2009 09 18.94520	19 25 33.30	+05 18 33.2	12.1 N	212
C/2006 W3	2009 09 19.80807	19 24 43.89	+04 55 52.0	12.9 N	B96
C/2006 W3	2009 09 19.81193	19 24 43.61	+04 55 45.7	12.1 N	235
C/2006 W3	2009 09 19.81662	19 24 43.41	+04 55 38.5	13.3 N	B96
C/2006 W3	2009 09 19.82516	19 24 42.91	+04 55 25.2	13.2 N	B96
C/2006 W3	2009 09 19.83370	19 24 42.44	+04 55 11.7	13.2 N	B96
C/2006 W3	2009 09 20.44369	19 24 08.37	+04 39 18.3	13.2 N	D95
C/2006 W3	2009 09 20.44448	19 24 08.29	+04 39 17.4	12.5 N	D95
C/2006 W3	2009 09 20.44506	19 24 08.28	+04 39 16.3	13.1 N	D95
C/2006 W3	2009 09 20.44565	19 24 08.23	+04 39 15.3	12.9 N	D95
C/2006 W3	2009 09 20.44628	19 24 08.21	+04 39 14.3	13.2 N	D95
C/2006 W3	2009 09 20.44690	19 24 08.17	+04 39 13.4	12.9 N	D95
C/2006 W3	2009 09 20.44782	19 24 08.14	+04 39 11.8	12.8 N	D95
C/2006 W3	2009 09 20.44848	19 24 08.07	+04 39 11.0	12.6 N	D95
C/2006 W3	2009 09 20.44910	19 24 08.11	+04 39 10.1	12.6 N	379
C/2006 W3	2009 09 20.45164	19 24 07.96	+04 39 05.8	12.7 N	379
C/2006 W3	2009 09 20.45329	19 24 07.88	+04 39 03.1	12.7 N	379
C/2006 W3	2009 09 20.84886	19 23 46.22	+04 28 49.4		J20
C/2006 W3	2009 09 20.85117	19 23 46.11	+04 28 45.5		J20
C/2006 W3	2009 09 20.85476	19 23 45.87	+04 28 40.0		J20
C/2006 W3	2009 09 20.90143	19 23 43.26	+04 27 27.1	14.0 T	583
C/2006 W3	2009 09 20.91485	19 23 42.52	+04 27 06.6	14.3 T	583
C/2006 W3	2009 09 21.81731	19 22 54.69	+04 03 56.3	14.2 N	B76
C/2006 W3	2009 09 21.82527	19 22 54.24	+04 03 44.2	14.0 N	B76
C/2006 W3	2009 09 21.83927	19 22 53.51	+04 03 22.8	14.3 N	B76
C/2006 W3	2009 09 21.85616	19 22 52.68	+04 02 57.6	12.1 N	J47
C/2006 W3	2009 09 21.86239	19 22 52.34	+04 02 48.0	13.3 N	J47
C/2006 W3	2009 09 21.87041	19 22 51.92	+04 02 35.7	12.1 N	J47
C/2006 W3	2009 09 21.94643	19 22 47.80	+04 00 39.2	13.7 T	583
C/2006 W3	2009 09 21.94760	19 22 47.73	+04 00 37.1	12.0 N	945
C/2006 W3	2009 09 21.95113	19 22 47.57	+04 00 31.7	12.0 N	945
C/2006 W3	2009 09 21.95302	19 22 47.49	+04 00 28.7	12.0 N	945
C/2006 W3	2009 09 21.95577	19 22 47.30	+04 00 24.7	14.0 T	583
C/2006 W3	2009 09 21.95650	19 22 47.27	+04 00 23.5	12.0 N	945
C/2006 W3	2009 09 21.96168	19 22 47.02	+04 00 15.4	12.0 N	945
C/2006 W3	2009 09 22.77117	19 22 05.86	+03 39 44.6	12.2 N	B26
C/2006 W3	2009 09 22.78742	19 22 05.01	+03 39 20.3	12.6 N	B58
C/2006 W3	2009 09 22.79111	19 22 04.81	+03 39 15.6		B58
C/2006 W3	2009 09 22.79234	19 22 04.78	+03 39 12.9	12.7 N	160
C/2006 W3	2009 09 22.79366	19 22 04.74	+03 39 10.4	9.6 N	B96
C/2006 W3	2009 09 22.79382	19 22 04.72	+03 39 10.5	12.7 N	160
C/2006 W3	2009 09 22.79545	19 22 04.62	+03 39 07.8	12.7 N	160
C/2006 W3	2009 09 22.79672	19 22 04.55	+03 39 06.2	12.7 N	160

C/2006 W3	2009 09 22.80220	19 22 04.30	+03 38 57.4		B96
C/2006 W3	2009 09 22.80310	19 22 04.17	+03 38 56.5		B58
C/2006 W3	2009 09 22.81074	19 22 03.86	+03 38 44.6		B96
C/2006 W3	2009 09 22.81178	19 22 03.76	+03 38 43.2		B58
C/2006 W3	2009 09 22.81449	19 22 03.63	+03 38 39.4		B58
C/2006 W3	2009 09 22.81652	19 22 03.52	+03 38 36.3		B58
C/2006 W3	2009 09 22.82766	19 22 02.98	+03 38 19.3	12.2 N	213
C/2006 W3	2009 09 22.83023	19 22 02.84	+03 38 15.3	12.2 N	213
C/2006 W3	2009 09 22.83281	19 22 02.72	+03 38 11.5	12.3 N	213
C/2006 W3	2009 09 22.85512	19 22 01.56	+03 37 37.4		204
C/2006 W3	2009 09 22.86262	19 22 01.23	+03 37 26.3	12.0 N	B82
C/2006 W3	2009 09 22.86419	19 22 01.14	+03 37 23.9	12.0 N	B82
C/2006 W3	2009 09 22.86892	19 22 00.89	+03 37 16.6	12.0 N	B82
C/2006 W3	2009 09 22.89590	19 21 59.51	+03 36 36.2	12 N	204
C/2006 W3	2009 09 22.89910	19 21 59.32	+03 36 30.9	12.2 N	B74
C/2006 W3	2009 09 22.90323	19 21 59.10	+03 36 24.6	12.3 N	B74
C/2006 W3	2009 09 22.90911	19 21 58.82	+03 36 15.8	12.2 N	B74
C/2006 W3	2009 09 23.47067	19 21 31.19	+03 22 11.5	12.7 N	367
C/2006 W3	2009 09 23.47108	19 21 31.16	+03 22 10.8	12.7 N	367
C/2006 W3	2009 09 23.77675	19 21 16.38	+03 14 33.2	12.7 N	215
C/2006 W3	2009 09 23.77780	19 21 16.30	+03 14 31.5	12.9 N	215
C/2006 W3	2009 09 23.77885	19 21 16.30	+03 14 30.2	13.2 N	215
C/2006 W3	2009 09 23.77991	19 21 16.22	+03 14 28.4	12.9 N	215
C/2006 W3	2009 09 23.93395	19 21 08.72	+03 10 38.3	12.1 N	945
C/2006 W3	2009 09 23.93979	19 21 08.41	+03 10 29.3	12.2 N	945
C/2006 W3	2009 09 23.94124	19 21 08.34	+03 10 27.1	12.2 N	945
C/2006 W3	2009 09 23.94331	19 21 08.23	+03 10 24.1	12.2 N	945
C/2006 W3	2009 09 23.94612	19 21 08.10	+03 10 19.8	12.2 N	945
C/2006 W3	2009 09 24.14731	19 20 58.59	+03 05 21.1	13.7 N	762
C/2006 W3	2009 09 24.15247	19 20 58.33	+03 05 13.6	13.7 N	762
C/2006 W3	2009 09 24.16354	19 20 57.81	+03 04 57.2	13.7 N	762
C/2006 W3	2009 09 24.17374	19 20 57.31	+03 04 42.0	13.6 N	762
C/2006 W3	2009 09 24.43766	19 20 44.95	+02 58 10.6	13.5 N	D95
C/2006 W3	2009 09 24.43828	19 20 44.92	+02 58 09.8	13.3 N	D95
C/2006 W3	2009 09 24.43894	19 20 44.88	+02 58 08.8	13.4 N	D95
C/2006 W3	2009 09 24.43953	19 20 44.86	+02 58 07.8	13.4 N	D95
C/2006 W3	2009 09 24.44021	19 20 44.83	+02 58 06.9	13.6 N	D95
C/2006 W3	2009 09 24.44083	19 20 44.80	+02 58 06.0	13.6 N	D95
C/2006 W3	2009 09 24.52886	19 20 40.62	+02 55 56.0		900
C/2006 W3	2009 09 24.53251	19 20 40.45	+02 55 50.6	12.9 N	900
C/2006 W3	2009 09 24.85993	19 20 25.39	+02 47 46.6	14.9 T	583
C/2006 W3	2009 09 24.86688	19 20 24.98	+02 47 37.4	14.9 T	583
C/2006 W3	2009 09 24.89370	19 20 23.77	+02 46 57.2	13.9 N	510
C/2006 W3	2009 09 24.89624	19 20 23.65	+02 46 53.2	13.9 N	510
C/2006 W3	2009 09 24.89879	19 20 23.54	+02 46 49.4	13.8 N	510
C/2006 W3	2009 09 25.79058	19 19 43.46	+02 25 05.3	13.1 N	B26
C/2006 W3	2009 09 25.80382	19 19 42.91	+02 24 46.3	12.3 N	J59
C/2006 W3	2009 09 25.81330	19 19 42.47	+02 24 32.3	12.3 N	J59
C/2006 W3	2009 09 25.82118	19 19 42.11	+02 24 21.1	12.2 N	J59
C/2006 W3	2009 09 25.84142	19 19 41.16	+02 23 51.5	12.3 N	939
C/2006 W3	2009 09 25.84517	19 19 40.99	+02 23 46.1	12.2 N	939
C/2006 W3	2009 09 25.84895	19 19 40.81	+02 23 40.5	12.3 N	939
C/2006 W3	2009 09 25.86574	19 19 40.12	+02 23 17.4		J20

C/2006 W3	2009 09 25.86887	19 19 39.97	+02 23 12.7		J20	C/2006 W3	2009 09 28.92061	19 17 34.75	+01 10 51.0	12.2 N	945
C/2006 W3	2009 09 25.87179	19 19 39.85	+02 23 08.2		J20	C/2006 W3	2009 09 28.92277	19 17 34.67	+01 10 47.9	12.2 N	945
C/2006 W3	2009 09 25.89890	19 19 38.58	+02 22 28.0	12.3 N	232	C/2006 W3	2009 09 28.92451	19 17 34.60	+01 10 45.6	12.2 N	945
C/2006 W3	2009 09 25.91506	19 19 37.86	+02 22 04.6	12.4 N	232	C/2006 W3	2009 09 28.92985	19 17 34.43	+01 10 38.4	12.2 N	945
C/2006 W3	2009 09 25.92896	19 19 37.26	+02 21 44.5	12.4 N	232	C/2006 W3	2009 09 29.14726	19 17 26.21	+01 05 37.2	11.6 N	H45
C/2006 W3	2009 09 26.43028	19 19 15.61	+02 09 39.9	13.5 N	D95	C/2006 W3	2009 09 29.14938	19 17 26.12	+01 05 34.3	11.3 N	H45
C/2006 W3	2009 09 26.44044	19 19 15.18	+02 09 25.3	13.4 N	D95	C/2006 W3	2009 09 29.15131	19 17 26.04	+01 05 31.6	11.5 N	H45
C/2006 W3	2009 09 26.44215	19 19 15.10	+02 09 22.9	13.7 N	D95	C/2006 W3	2009 09 29.15217	19 17 26.02	+01 05 30.6	11.5 N	H45
C/2006 W3	2009 09 26.44484	19 19 14.98	+02 09 18.9	13.6 N	D95	C/2006 W3	2009 09 29.15440	19 17 25.93	+01 05 27.4	11.5 N	H45
C/2006 W3	2009 09 26.48280	19 19 13.34	+02 08 24.2		352	C/2006 W3	2009 09 29.15729	19 17 25.82	+01 05 23.3	11.6 N	H45
C/2006 W3	2009 09 26.48787	19 19 13.14	+02 08 16.9		352	C/2006 W3	2009 09 29.85338	19 17 00.10	+00 49 22.5	12.3 N	J47
C/2006 W3	2009 09 26.49238	19 19 12.93	+02 08 10.5		352	C/2006 W3	2009 09 29.85912	19 16 59.88	+00 49 14.5	12.3 N	J47
C/2006 W3	2009 09 26.59879	19 19 08.28	+02 05 40.9		D25	C/2006 W3	2009 09 29.86368	19 16 59.71	+00 49 08.7	12.2 N	J47
C/2006 W3	2009 09 26.60983	19 19 07.88	+02 05 24.0		D25	C/2006 W3	2009 09 29.88917	19 16 58.77	+00 48 33.0	12.4 N	J38
C/2006 W3	2009 09 26.62064	19 19 07.43	+02 05 09.5		D25	C/2006 W3	2009 09 29.89026	19 16 58.73	+00 48 31.4	12.4 N	J38
C/2006 W3	2009 09 26.89859	19 18 55.72	+01 58 27.0		J20	C/2006 W3	2009 09 29.89353	19 16 58.61	+00 48 27.0	12.4 N	J38
C/2006 W3	2009 09 26.90288	19 18 55.54	+01 58 21.3		J20	C/2007 B2 (Skiff)					
C/2006 W3	2009 09 26.90537	19 18 55.43	+01 58 17.4		J20	C/2007 B2	2009 08 12.50973	19 30 46.77	-55 36 21.8	16.0 T	E12
C/2006 W3	2009 09 26.91156	19 18 55.13	+01 58 08.1	11.9 N	J93	C/2007 B2	2009 08 24.15221	19 26 09.10	-54 34 21.5	17.4 N	I21
C/2006 W3	2009 09 26.91400	19 18 55.04	+01 58 04.5	11.9 N	J93	C/2007 B2	2009 08 24.18556	19 26 07.88	-54 34 08.2	17.8 N	844
C/2006 W3	2009 09 26.91554	19 18 54.96	+01 58 02.4	11.9 N	J93	C/2007 B2	2009 08 24.19049	19 26 07.81	-54 34 06.0	18.2 N	844
C/2006 W3	2009 09 26.92106	19 18 54.76	+01 57 54.6	12.3 N	J24	C/2007 B2	2009 08 24.19273	19 26 07.96	-54 34 04.4	17.5 N	I21
C/2006 W3	2009 09 26.92699	19 18 54.50	+01 57 46.0	12.2 N	J24	C/2007 B2	2009 08 24.20637	19 26 07.62	-54 34 00.6	18.1 N	844
C/2006 W3	2009 09 26.93093	19 18 54.34	+01 57 40.5	12.2 N	J24	C/2007 B2	2009 09 07.55928	19 24 32.56	-53 03 26.4	16.4 T	D90
C/2006 W3	2009 09 26.95551	19 18 53.29	+01 57 04.8	12.1 N	945	C/2007 B2	2009 09 07.56120	19 24 32.53	-53 03 26.2		D90
C/2006 W3	2009 09 26.95740	19 18 53.19	+01 57 01.9	12.2 N	945	C/2007 B2	2009 09 07.56312	19 24 32.52	-53 03 25.6		D90
C/2006 W3	2009 09 26.96053	19 18 53.07	+01 56 57.9	12.1 N	945	C/2007 B2	2009 09 13.42498	19 25 09.022	-52 23 49.97	17.1 N	1 E12
C/2006 W3	2009 09 26.96986	19 18 52.69	+01 56 44.3	12.1 N	945	C/2007 B2	2009 09 19.99487	19 26 37.99	-51 38 27.2	17.6 N	I32
C/2006 W3	2009 09 26.97223	19 18 52.58	+01 56 41.1	12.2 N	945	C/2007 B2	2009 09 20.00539	19 26 38.10	-51 38 22.5	17.2 N	I32
C/2006 W3	2009 09 27.42990	19 18 33.75	+01 45 48.9	12.5 N	379	C/2007 B2	2009 09 20.06430	19 26 39.26	-51 37 58.8		I21
C/2006 W3	2009 09 27.43135	19 18 33.71	+01 45 47.4	12.5 N	379	C/2007 B2	2009 09 20.10443	19 26 39.76	-51 37 42.3		I21
C/2006 W3	2009 09 27.43184	19 18 33.65	+01 45 46.5	12.5 N	379	C/2007 B2	2009 09 22.03991	19 27 15.42	-51 24 12.8	17.4 N	I21
C/2006 W3	2009 09 27.43233	19 18 33.67	+01 45 45.9	12.5 N	379	C/2007 B2	2009 09 22.05548	19 27 15.53	-51 24 01.9	18.0 N	I21
C/2006 W3	2009 09 27.43438	19 18 33.57	+01 45 42.9	12.5 N	379	C/2007 G1 (LINEAR)					
C/2006 W3	2009 09 27.43565	19 18 33.51	+01 45 41.1	12.5 N	379	C/2007 G1	2009 08 31.77830	06 37 30.13	-38 02 58.5	15.3 T	D90
C/2006 W3	2009 09 27.43692	19 18 33.46	+01 45 38.9	12.5 N	379	C/2007 G1	2009 08 31.78236	06 37 30.20	-38 02 59.5		D90
C/2006 W3	2009 09 27.82183	19 18 17.89	+01 36 33.8	12.3 N	J51	C/2007 G1	2009 08 31.78551	06 37 30.23	-38 03 00.0		D90
C/2006 W3	2009 09 27.82672	19 18 17.69	+01 36 26.9	12.3 N	J51	C/2007 G1	2009 09 19.78016	06 39 45.54	-39 26 11.0	16.2 T	D90
C/2006 W3	2009 09 27.82999	19 18 17.55	+01 36 22.2	12.3 N	J51	C/2007 G1	2009 09 19.78971	06 39 45.40	-39 26 14.3		D90
C/2006 W3	2009 09 27.86823	19 18 15.95	+01 35 27.5	12.4 N	J38	C/2007 G1	2009 09 20.81868	06 39 40.69	-39 31 22.7		900
C/2006 W3	2009 09 27.86931	19 18 15.91	+01 35 25.9	12.3 N	J38	C/2007 G1	2009 09 20.82236	06 39 40.68	-39 31 25.8	15.2 N	900
C/2006 W3	2009 09 27.87149	19 18 15.81	+01 35 22.9	12.3 N	J38	C/2007 M1 (McNaught)					
C/2006 W3	2009 09 27.87758	19 18 15.57	+01 35 14.0	12.1 N	945	C/2007 M1	2009 08 20.89631	16 36 04.82	+18 26 35.8	19.2 N	204
C/2006 W3	2009 09 27.87875	19 18 15.54	+01 35 12.2	12.1 N	945	C/2007 N3 (Lulin)					
C/2006 W3	2009 09 27.87894	19 18 15.57	+01 35 13.7		J20	C/2007 N3	2009 03 14.80283	07 31 18.37	+21 06 35.8	12.8 N	B58
C/2006 W3	2009 09 27.88589	19 18 15.24	+01 35 03.3		J20	C/2007 N3	2009 03 14.81003	07 31 16.13	+21 06 40.9		B58
C/2006 W3	2009 09 27.89870	19 18 14.71	+01 34 44.0	12.2 N	945	C/2007 N3	2009 03 14.81539	07 31 14.52	+21 06 44.1		B58
C/2006 W3	2009 09 27.89987	19 18 14.66	+01 34 42.2	12.2 N	945	C/2007 N3	2009 03 14.83411	07 31 08.77	+21 06 56.2		B58
C/2006 W3	2009 09 27.90455	19 18 14.48	+01 34 35.7	12.2 N	945	C/2007 N3	2009 08 19.19565	07 18 30.74	+21 02 24.9	16.5 N	212
C/2006 W3	2009 09 28.89318	19 17 35.85	+01 11 30.1	12.4 N	J38	C/2007 N3	2009 08 25.11578	07 19 25.61	+20 58 26.9	16.3 N	215
C/2006 W3	2009 09 28.89759	19 17 35.68	+01 11 24.0	12.3 N	J38	C/2007 N3	2009 08 25.11683	07 19 25.62	+20 58 26.9	16.4 N	215
C/2006 W3	2009 09 28.90053	19 17 35.57	+01 11 19.9	12.4 N	J38						
C/2006 W3	2009 09 28.91604	19 17 34.93	+01 10 57.3	12.2 N	945						

C/2007 N3	2009 08 25.11789	07 19 25.63	+20 58 26.9	16.6 N	215
C/2007 N3	2009 08 29.44517	07 19 50.22	+20 55 58.0	14.9 T	H06
C/2007 N3	2009 08 29.44804	07 19 50.20	+20 55 58.0		H06
C/2007 N3	2009 08 30.18109	07 19 52.93	+20 55 34.2	16.7 N	J05
C/2007 N3	2009 08 30.18479	07 19 52.92	+20 55 33.8	16.7 N	J05
C/2007 N3	2009 08 30.18850	07 19 52.93	+20 55 34.1	16.5 N	J05
C/2007 N3	2009 08 31.11539	07 19 55.84	+20 55 05.3	16.5 T	215
C/2007 N3	2009 08 31.11610	07 19 55.84	+20 55 05.2	16.5 T	215
C/2007 N3	2009 08 31.11680	07 19 55.84	+20 55 05.1	16.3 T	215
C/2007 N3	2009 08 31.12829	07 19 55.87	+20 55 05.0	16.2 N	204
C/2007 N3	2009 09 09.41458	07 19 45.67	+20 51 19.0	15.1 T	H10
C/2007 N3	2009 09 09.41572	07 19 45.69	+20 51 20.2		H10
C/2007 N3	2009 09 19.77834	07 17 59.45	+20 49 47.1	14.8 N	900
C/2007 N3	2009 09 19.78595	07 17 59.43	+20 49 47.0		900
C/2007 N3	2009 09 21.41421	07 17 32.71	+20 49 48.7	18.4 T	704
C/2007 N3	2009 09 21.42599	07 17 32.32	+20 49 49.4	18.9 T	704
C/2007 N3	2009 09 21.44968	07 17 31.97	+20 49 49.4	19.2 T	704
C/2007 N3	2009 09 21.46149	07 17 31.53	+20 49 49.2	19.5 T	704
C/2007 N3	2009 09 23.48130	07 16 54.05	+20 49 57.6		H06
C/2007 N3	2009 09 23.48411	07 16 54.00	+20 49 57.8	16.5 N	H06
C/2007 N3	2009 09 23.48598	07 16 53.93	+20 49 57.6		H06
C/2007 N3	2009 09 23.77128	07 16 48.27	+20 49 58.7		D81
C/2007 N3	2009 09 23.77495	07 16 48.17	+20 49 59.7	14.4 T	D81
C/2007 N3	2009 09 26.46600	07 15 49.84	+20 50 22.3	17.3 N	H10
C/2007 N3	2009 09 26.47441	07 15 49.68	+20 50 22.4	17.1 N	H10
C/2007 N3	2009 09 26.48388	07 15 49.44	+20 50 22.9	16.4 T	691
C/2007 N3	2009 09 26.49658	07 15 49.06	+20 50 22.9	16.4 T	691
C/2007 N3	2009 09 26.50927	07 15 48.79	+20 50 22.9	16.4 T	691
C/2007 N3	2009 09 27.13741	07 15 34.02	+20 50 28.1	16.5 N	232
C/2007 N3	2009 09 27.14234	07 15 33.82	+20 50 29.7	16.2 N	232
C/2007 N3	2009 09 27.14848	07 15 33.70	+20 50 30.4	16.5 N	232
C/2007 N3	2009 09 27.40915	07 15 27.56	+20 50 33.0	17.8 T	704
C/2007 N3	2009 09 27.43342	07 15 26.80	+20 50 31.9	19.9 T	704
C/2007 N3	2009 09 27.44557	07 15 26.54	+20 50 33.7	19.3 T	704
C/2007 N3	2009 09 27.44916	07 15 26.36	+20 50 33.8	16.7 N	H47
C/2007 N3	2009 09 27.45774	07 15 26.05	+20 50 33.7	19.2 T	704
C/2007 N3	2009 09 27.45775	07 15 26.18	+20 50 34.0	16.8 N	H47
C/2007 N3	2009 09 29.13600	07 14 43.49	+20 50 57.0	16.0 N	A77
C/2007 N3	2009 09 29.14535	07 14 43.21	+20 50 56.5	16.1 N	A77
C/2007 N3	2009 09 29.15621	07 14 42.91	+20 50 56.9	16.0 N	A77

C/2007 Q3 (Siding Spring)

C/2007 Q3	2009 09 19.83238	10 27 25.04	+06 07 14.2		900
C/2007 Q3	2009 09 19.83365	10 27 24.98	+06 07 16.8	13.2 N	900
C/2007 Q3	2009 09 20.82657	10 29 18.69	+06 12 51.2		900
C/2007 Q3	2009 09 20.82872	10 29 18.91	+06 12 53.3	13.1 N	900

C/2007 U1 (LINEAR)

C/2007 U1	2009 08 19.05365	22 38 29.92	+18 54 37.8	18.4 N	212
C/2007 U1	2009 08 28.76044	22 23 36.94	+17 48 16.9	17.0 T	349
C/2007 U1	2009 08 28.76490	22 23 36.52	+17 48 14.8		349
C/2007 U1	2009 08 28.84336	22 23 29.49	+17 47 39.6		204
C/2007 U1	2009 08 28.91236	22 23 23.18	+17 47 07.6	17.9 N	204
C/2007 U1	2009 08 29.93486	22 21 50.31	+17 39 15.3	18.1 N	J05

C/2007 U1	2009 08 29.96790	22 21 47.32	+17 39 00.4	18.6 N	J05
C/2007 U1	2009 08 29.99865	22 21 44.48	+17 38 45.6	18.3 N	J05
C/2007 U1	2009 08 30.52994	22 20 56.49	+17 34 37.1	17.8 N	900
C/2007 U1	2009 08 30.53707	22 20 55.82	+17 34 34.0		900
C/2007 U1	2009 08 31.24890	22 19 51.45	+17 28 55.1	17.3 T	703
C/2007 U1	2009 08 31.25325	22 19 51.13	+17 28 51.8	16.8 T	703
C/2007 U1	2009 08 31.25763	22 19 50.66	+17 28 52.7	17.2 T	703
C/2007 U1	2009 08 31.26186	22 19 50.30	+17 28 48.0	17.2 T	703
C/2007 U1	2009 09 06.76990	22 10 14.94	+16 34 28.5	18.7 N	118
C/2007 U1	2009 09 06.77755	22 10 14.15	+16 34 25.4	19.3 N	118
C/2007 U1	2009 09 06.78504	22 10 13.56	+16 34 23.2	19.0 N	118
C/2007 U1	2009 09 06.79247	22 10 12.92	+16 34 19.7	18.9 N	118
C/2007 U1	2009 09 09.60743	22 06 12.22	+16 09 25.7		900
C/2007 U1	2009 09 09.61459	22 06 11.53	+16 09 22.2	17.9 T	900
C/2007 U1	2009 09 11.27583	22 03 52.56	+15 54 20.0	17.0 T	703
C/2007 U1	2009 09 11.28072	22 03 52.23	+15 54 16.7	17.0 T	703
C/2007 U1	2009 09 11.28554	22 03 51.73	+15 54 15.0	16.9 T	703
C/2007 U1	2009 09 11.29043	22 03 51.26	+15 54 14.0	17.2 T	703
C/2007 U1	2009 09 16.56813	21 56 45.34	+15 05 18.2	18.0 N	900
C/2007 U1	2009 09 16.57529	21 56 44.82	+15 05 12.2		900
C/2007 U1	2009 09 17.24281	21 55 52.82	+14 58 55.8	17.2 T	703
C/2007 U1	2009 09 17.25287	21 55 52.10	+14 58 49.0	16.9 T	703
C/2007 U1	2009 09 17.26293	21 55 51.49	+14 58 43.9	16.8 T	703
C/2007 U1	2009 09 22.94897	21 48 47.32	+14 04 33.7	17.9 N	B82
C/2007 U1	2009 09 22.95343	21 48 47.08	+14 04 30.6	17.9 N	B82
C/2007 U1	2009 09 22.95787	21 48 46.81	+14 04 29.4	18.0 N	B82
C/2007 U1	2009 09 22.97122	21 48 45.99	+14 04 21.5	17.9 N	B82
C/2007 U1	2009 09 25.16570	21 46 11.83	+13 43 22.3	19.4 T	704
C/2007 U1	2009 09 25.17796	21 46 11.00	+13 43 14.3	19.8 T	704
C/2007 U1	2009 09 25.19022	21 46 10.04	+13 43 06.7	19.7 T	704
C/2007 U1	2009 09 25.20247	21 46 09.17	+13 43 00.6	19.8 T	704
C/2007 U1	2009 09 25.21473	21 46 08.33	+13 42 53.0	19.5 T	704
C/2007 U1	2009 09 25.79920	21 45 28.42	+13 37 16.4	17.0 N	A77
C/2007 U1	2009 09 25.80700	21 45 27.84	+13 37 11.2	16.8 N	A77
C/2007 U1	2009 09 25.81479	21 45 27.35	+13 37 08.0	17.5 N	A77
C/2007 U1	2009 09 26.88201	21 44 15.19	+13 26 54.8	17.8 N	B37
C/2007 U1	2009 09 26.89291	21 44 14.58	+13 26 52.0	17.7 N	B37
C/2007 U1	2009 09 26.89325	21 44 14.18	+13 26 48.0	17.8 N	B37
C/2007 U1	2009 09 27.90453	21 43 07.37	+13 17 09.4	17.8 N	B37
C/2007 U1	2009 09 27.91356	21 43 06.75	+13 17 04.0	18.1 N	B37
C/2007 U1	2009 09 27.91466	21 43 06.64	+13 17 03.2	18.2 N	B37
C/2007 U1	2009 09 27.95611	21 43 03.93	+13 16 39.6	18.1 N	B37

C/2007 VO₅₃ (Spacewatch)

C/2007 VO ₅₃	2009 09 02.39073	04 34 11.31	+67 55 01.0	18.7 T	704
C/2007 VO ₅₃	2009 09 02.41679	04 34 11.31	+67 55 24.8	18.9 T	704
C/2007 VO ₅₃	2009 09 02.42990	04 34 11.43	+67 55 37.1	18.9 T	704
C/2007 VO ₅₃	2009 09 04.76321	04 34 22.37	+68 30 42.1	17.2 T	349
C/2007 VO ₅₃	2009 09 04.76543	04 34 22.45	+68 30 44.7		349
C/2007 VO ₅₃	2009 09 06.05973	04 34 23.95	+68 50 20.7	17.8 N	118
C/2007 VO ₅₃	2009 09 06.06122	04 34 23.97	+68 50 22.1	17.8 N	118
C/2007 VO ₅₃	2009 09 06.06271	04 34 23.97	+68 50 23.6	17.9 N	118
C/2007 VO ₅₃	2009 09 06.06568	04 34 24.03	+68 50 26.5	18.0 N	118

C/2007 VO ₅₃	2009 09 06.06865	04 34 24.01	+68 50 28.9	18.1 N	118
C/2007 VO ₅₃	2009 09 14.17535	04 33 04.40	+70 55 14.7	17.6 N	J24
C/2007 VO ₅₃	2009 09 14.17978	04 33 04.33	+70 55 18.9	17.5 N	J24
C/2007 VO ₅₃	2009 09 14.18718	04 33 04.15	+70 55 26.6	17.0 N	J24
C/2007 VO ₅₃	2009 09 16.03882	04 32 20.39	+71 24 15.7	18.7 N	461
C/2007 VO ₅₃	2009 09 16.04540	04 32 20.27	+71 24 22.4		461
C/2007 VO ₅₃	2009 09 16.05201	04 32 20.13	+71 24 28.2		461
C/2007 VO ₅₃	2009 09 19.85134	04 30 14.03	+72 23 52.6	17.5 N	235
C/2007 VO ₅₃	2009 09 20.11251	04 30 03.19	+72 27 59.4	17.7 N	118
C/2007 VO ₅₃	2009 09 20.11398	04 30 03.16	+72 28 01.0	17.7 N	118
C/2007 VO ₅₃	2009 09 20.11546	04 30 03.04	+72 28 02.1	17.9 N	118
C/2007 VO ₅₃	2009 09 20.11694	04 30 03.04	+72 28 03.6	17.8 N	118
C/2007 VO ₅₃	2009 09 20.11841	04 30 02.97	+72 28 05.2	17.9 N	118
C/2007 VO ₅₃	2009 09 20.80025	04 29 33.87	+72 38 46.7		900
C/2007 VO ₅₃	2009 09 20.80240	04 29 33.79	+72 38 48.6	18.6 N	900

C/2008 A1 (McNaught)

C/2008 A1	2009 08 21.03491	10 23 26.11	+82 52 00.8	18.5 N	130
C/2008 A1	2009 08 21.03692	10 23 26.66	+82 52 00.5	18.2 N	130
C/2008 A1	2009 08 21.03893	10 23 27.62	+82 52 00.5	18.2 N	130
C/2008 A1	2009 08 21.04093	10 23 28.01	+82 52 00.4	18.2 N	130
C/2008 A1	2009 09 16.87817	12 08 36.67	+81 50 28.9	18.5 N	A32
C/2008 A1	2009 09 16.88264	12 08 37.27	+81 50 29.7	18.5 N	A32
C/2008 A1	2009 09 19.77914	12 18 57.85	+81 47 18.5	17.8 N	235
C/2008 A1	2009 09 27.87161	12 47 43.28	+81 42 33.9	20 N	2 204

C/2008 FK₇₅ (Lemmon-Siding Spring)

C/2008 FK ₇₅	2009 05 15.61876	15 23 02.08	+03 45 21.3	16.4 N	400
C/2008 FK ₇₅	2009 05 15.62191	15 23 01.99	+03 45 23.2	16.7 N	400
C/2008 FK ₇₅	2009 05 15.62503	15 23 01.88	+03 45 24.6	16.5 N	400
C/2008 FK ₇₅	2009 08 18.84267	15 08 04.59	+08 05 35.3	17.0 N	212
C/2008 FK ₇₅	2009 08 18.84559	15 08 04.64	+08 05 35.1	16.6 N	212
C/2008 FK ₇₅	2009 08 18.84850	15 08 04.67	+08 05 34.7	16.9 N	212
C/2008 FK ₇₅	2009 08 20.84220	15 08 43.54	+08 04 15.7	16.7 N	212
C/2008 FK ₇₅	2009 08 20.84510	15 08 43.60	+08 04 15.7	16.8 N	212
C/2008 FK ₇₅	2009 08 20.84801	15 08 43.63	+08 04 15.8	16.9 N	212
C/2008 FK ₇₅	2009 08 30.86826	15 12 34.39	+07 56 04.2	16.3 N	B74
C/2008 FK ₇₅	2009 08 30.87206	15 12 34.51	+07 56 03.9	16.3 N	B74
C/2008 FK ₇₅	2009 08 30.87650	15 12 34.64	+07 56 03.5	16.6 N	B74
C/2008 FK ₇₅	2009 09 05.81828	15 15 18.16	+07 50 21.5		204
C/2008 FK ₇₅	2009 09 05.85315	15 15 19.18	+07 50 20.1	17.1 N	204
C/2008 FK ₇₅	2009 09 08.83154	15 16 48.35	+07 47 18.8	17.3 N	A32
C/2008 FK ₇₅	2009 09 08.83599	15 16 48.44	+07 47 19.0	17.3 N	A32
C/2008 FK ₇₅	2009 09 08.84125	15 16 48.57	+07 47 18.9	17.3 N	A32
C/2008 FK ₇₅	2009 09 12.10990	15 18 31.73	+07 43 59.2	16.2 T	H06
C/2008 FK ₇₅	2009 09 12.11352	15 18 31.87	+07 43 59.1		H06
C/2008 FK ₇₅	2009 09 12.78678	15 18 53.75	+07 43 17.1	16.6 N	235
C/2008 FK ₇₅	2009 09 12.83020	15 18 55.20	+07 43 14.6	16.6 N	J47
C/2008 FK ₇₅	2009 09 12.83241	15 18 55.26	+07 43 14.4	16.8 N	J47
C/2008 FK ₇₅	2009 09 12.83537	15 18 55.37	+07 43 13.6	16.7 N	J47
C/2008 FK ₇₅	2009 09 19.78465	15 22 54.87	+07 36 09.6	16.6 N	235
C/2008 FK ₇₅	2009 09 21.11194	15 23 43.23	+07 34 51.4		H06
C/2008 FK ₇₅	2009 09 21.11473	15 23 43.34	+07 34 51.1	15.3 T	H06
C/2008 FK ₇₅	2009 09 21.11752	15 23 43.43	+07 34 51.0		H06

P/2008 J3 (McNaught)

P/2008 J3	2009 08 25.07885	05 40 30.49	+42 38 33.8	19 T	215
P/2008 J3	2009 09 20.12727	06 24 47.85	+46 33 02.2	19.8 N	118
P/2008 J3	2009 09 20.13022	06 24 48.02	+46 33 03.6	19.7 N	118
P/2008 J3	2009 09 20.13292	06 24 48.28	+46 33 05.2	19.5 N	118

C/2008 N1 (Holmes)

C/2008 N1	2009 07 15.67126	18 11 11.93	+59 39 44.1	15.7 T	355
C/2008 N1	2009 07 15.67198	18 11 11.70	+59 39 43.5		355
C/2008 N1	2009 07 15.67414	18 11 10.97	+59 39 42.8		355
C/2008 N1	2009 07 15.67846	18 11 09.56	+59 39 41.3		355
C/2008 N1	2009 08 18.87986	16 06 13.39	+48 42 24.7	17.0 N	212
C/2008 N1	2009 08 18.88429	16 06 12.82	+48 42 17.6	16.9 N	212
C/2008 N1	2009 08 18.88875	16 06 12.30	+48 42 11.2	17.0 N	212
C/2008 N1	2009 08 19.93486	16 04 12.82	+48 15 49.1	17.0 N	A32
C/2008 N1	2009 08 19.93785	16 04 12.49	+48 15 44.5	17.0 N	A32
C/2008 N1	2009 08 19.94122	16 04 12.12	+48 15 39.5	16.8 N	A32
C/2008 N1	2009 08 23.59186	15 57 53.70	+46 43 52.1	16.1 T	349
C/2008 N1	2009 08 23.59339	15 57 53.58	+46 43 49.6		349
C/2008 N1	2009 08 26.50634	15 53 31.48	+45 31 10.9		367
C/2008 N1	2009 08 26.51212	15 53 30.99	+45 31 02.4	16.5 T	367
C/2008 N1	2009 08 28.96722	15 50 14.78	+44 30 26.0	17.1 N	212
C/2008 N1	2009 08 28.97053	15 50 14.57	+44 30 22.8	16.7 N	212
C/2008 N1	2009 08 28.97234	15 50 14.35	+44 30 20.0	17.1 N	212
C/2008 N1	2009 08 30.46729	15 48 25.29	+43 53 52.4	16.6 N	900
C/2008 N1	2009 08 30.47442	15 48 24.81	+43 53 41.9		900
C/2008 N1	2009 08 30.90335	15 47 54.83	+43 43 15.9	16.7 N	B74
C/2008 N1	2009 08 30.90808	15 47 54.47	+43 43 08.6	16.7 N	B74
C/2008 N1	2009 08 30.91272	15 47 54.14	+43 43 01.5	16.9 N	B74
C/2008 N1	2009 08 31.81393	15 46 53.24	+43 21 15.7	17.1 N	118
C/2008 N1	2009 08 31.81730	15 46 53.02	+43 21 11.2	17.1 N	118
C/2008 N1	2009 08 31.82206	15 46 52.70	+43 21 03.8	17.1 N	118
C/2008 N1	2009 09 02.83672	15 44 45.50	+42 32 50.9	17.1 N	J97
C/2008 N1	2009 09 04.92675	15 42 45.91	+41 43 36.0	17.0 N	212
C/2008 N1	2009 09 06.44583	15 41 26.53	+41 08 19.2	16.2 T	349
C/2008 N1	2009 09 06.44834	15 41 26.40	+41 08 15.6		349
C/2008 N1	2009 09 06.84556	15 41 06.51	+40 59 04.9	16.5 N	A71
C/2008 N1	2009 09 06.84762	15 41 06.64	+40 59 02.1	16.6 N	A71
C/2008 N1	2009 09 07.88166	15 40 16.77	+40 35 21.1	17.7 N	212
C/2008 N1	2009 09 07.89381	15 40 16.07	+40 35 02.9	17.8 N	J40
C/2008 N1	2009 09 07.92580	15 40 14.55	+40 34 19.0	17.9 N	J40
C/2008 N1	2009 09 07.94726	15 40 13.62	+40 33 49.6	17.8 N	J40
C/2008 N1	2009 09 08.80239	15 39 34.89	+40 14 25.4	16.7 N	A71
C/2008 N1	2009 09 08.80747	15 39 34.73	+40 14 19.2	16.7 N	A71
C/2008 N1	2009 09 08.81254	15 39 34.35	+40 14 12.0	16.9 N	A71
C/2008 N1	2009 09 08.81752	15 39 34.19	+40 14 05.1	17.3 N	A32
C/2008 N1	2009 09 08.81938	15 39 34.13	+40 14 03.0	17.3 N	A32
C/2008 N1	2009 09 08.82125	15 39 34.08	+40 14 00.9	16.9 N	A32
C/2008 N1	2009 09 09.51853	15 39 03.50	+39 58 17.5		900
C/2008 N1	2009 09 09.52568	15 39 03.29	+39 58 07.7	16.6 N	900
C/2008 N1	2009 09 12.79399	15 36 55.35	+38 45 50.5	16.9 N	235
C/2008 N1	2009 09 13.82590	15 36 19.64	+38 23 29.0	17.5 N	J47
C/2008 N1	2009 09 13.83093	15 36 19.50	+38 23 23.4	17.3 N	J47

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C/2008 N1	2009 09 13.83740	15 36 19.29	+38 23 15.1	17.1 N	J47
C/2008 N1	2009 09 15.44557	15 35 28.00	+37 48 54.2		367
C/2008 N1	2009 09 15.45136	15 35 27.81	+37 48 46.8	16.6 T	367
C/2008 N1	2009 09 16.45845	15 34 58.33	+37 27 34.8	16.9 N	900
C/2008 N1	2009 09 16.46203	15 34 58.07	+37 27 29.2		900
C/2008 N1	2009 09 16.93064	15 34 45.08	+37 17 41.1	16.9 N	A32
C/2008 N1	2009 09 16.93438	15 34 44.98	+37 17 36.7	16.9 N	A32
C/2008 N1	2009 09 16.93812	15 34 44.82	+37 17 32.0	17.2 N	A32
C/2008 N1	2009 09 18.80781	15 33 56.32	+36 38 59.1	17.0 N	B82
C/2008 N1	2009 09 18.81163	15 33 56.21	+36 38 54.0	16.4 N	A18
C/2008 N1	2009 09 18.81216	15 33 56.27	+36 38 53.4	17.1 N	B82
C/2008 N1	2009 09 18.81652	15 33 56.18	+36 38 48.6	17.0 N	B82
C/2008 N1	2009 09 18.82522	15 33 56.08	+36 38 37.7	16.9 N	B82
C/2008 N1	2009 09 19.79833	15 33 33.13	+36 18 53.5	17.2 N	235
C/2008 N1	2009 09 19.81213	15 33 32.91	+36 18 36.9	16.9 N	B82
C/2008 N1	2009 09 19.82066	15 33 32.65	+36 18 26.3	17.0 N	B82
C/2008 N1	2009 09 19.82810	15 33 32.43	+36 18 16.7	17.1 N	B82
C/2008 N1	2009 09 19.82824	15 33 32.46	+36 18 17.3		204
C/2008 N1	2009 09 19.88449	15 33 31.20	+36 17 08.9	17.0 N	204
C/2008 N1	2009 09 22.77850	15 32 32.79	+35 19 50.3	16.6 N	A77
C/2008 N1	2009 09 22.78473	15 32 32.67	+35 19 42.7	17.0 N	A77
C/2008 N1	2009 09 22.79097	15 32 32.61	+35 19 36.1	17.1 N	A77
C/2008 N1	2009 09 22.81198	15 32 32.28	+35 19 10.1	16.9 N	B82
C/2008 N1	2009 09 22.81495	15 32 32.22	+35 19 06.9	16.8 N	B82
C/2008 N1	2009 09 22.81643	15 32 32.19	+35 19 05.5	16.9 N	B82
C/2008 N1	2009 09 23.80800	15 32 15.00	+34 59 54.5	17.3 T	215
C/2008 N1	2009 09 23.80870	15 32 15.00	+34 59 53.6	17.6 T	215
C/2008 N1	2009 09 23.80941	15 32 14.99	+34 59 52.7	17.7 T	215
C/2008 N1	2009 09 24.83145	15 31 58.91	+34 40 22.6	18.0 N	510
C/2008 N1	2009 09 24.85292	15 31 58.54	+34 39 57.4	18.3 N	510
C/2008 N1	2009 09 24.87440	15 31 58.29	+34 39 32.6	18.5 N	510
C/2008 N1	2009 09 25.79936	15 31 44.97	+34 22 06.8	16.9 N	939
C/2008 N1	2009 09 25.80242	15 31 44.92	+34 22 02.7	17.0 N	B82
C/2008 N1	2009 09 25.80472	15 31 44.86	+34 22 00.8	16.8 N	939
C/2008 N1	2009 09 25.80538	15 31 44.89	+34 21 59.3	16.9 N	B82
C/2008 N1	2009 09 25.81274	15 31 44.71	+34 21 51.8	16.9 N	939
C/2008 N1	2009 09 25.82316	15 31 44.61	+34 21 38.7	17.0 N	B82
C/2008 N1	2009 09 26.10959	15 31 40.71	+34 16 19.2	15.9 T	H06
C/2008 N1	2009 09 26.11145	15 31 40.69	+34 16 17.1		H06
C/2008 N1	2009 09 26.11331	15 31 40.65	+34 16 14.8		H06
C/2008 N1	2009 09 26.76559	15 31 32.14	+34 04 05.8	17.0 N	B82
C/2008 N1	2009 09 26.78637	15 31 32.00	+34 03 42.8	17.0 N	B82
C/2008 N1	2009 09 26.79083	15 31 31.99	+34 03 37.7	17.0 N	B82
C/2008 N1	2009 09 26.87162	15 31 30.92	+34 02 08.5	16.8 N	J24
C/2008 N1	2009 09 26.88105	15 31 30.77	+34 01 57.4	17.0 N	J24
C/2008 N1	2009 09 26.88646	15 31 30.68	+34 01 51.4	17.1 N	J24
C/2008 N1	2009 09 27.80126	15 31 19.93	+33 45 02.8	17.0 N	B82
C/2008 N1	2009 09 27.80274	15 31 19.98	+33 45 00.7	16.8 N	B82
C/2008 N1	2009 09 27.80422	15 31 20.06	+33 44 58.6	16.9 N	B82
C/2008 N1	2009 09 27.84252	15 31 19.53	+33 44 17.9	17.0 N	J38
C/2008 N1	2009 09 27.84448	15 31 19.50	+33 44 16.0	16.9 N	J38
C/2008 N1	2009 09 27.85238	15 31 19.41	+33 44 07.2	17.0 N	J38
C/2008 N1	2009 09 28.85583	15 31 09.02	+33 25 54.8	16.9 N	J38

C/2008 N1	2009 09 28.86177	15 31 08.79	+33 25 48.5	16.9 N	J38
C/2008 N1	2009 09 28.86375	15 31 08.77	+33 25 44.9	17.3 N	J38

P/2008 O2 (McNaught)

P/2008 O2	2009 08 28.02422	01 10 12.16	+16 35 24.6		204
P/2008 O2	2009 08 28.13452	01 10 10.32	+16 35 34.7	19 N	204
P/2008 O2	2009 08 31.97162	01 09 03.62	+16 41 05.6	19.3 N	B42
P/2008 O2	2009 09 19.85892	01 00 34.06	+16 43 49.1	18.7 N	235
P/2008 O2	2009 09 20.90713	00 59 58.56	+16 42 47.1	20.0 N	B42
P/2008 O2	2009 09 20.92631	00 59 57.93	+16 42 46.7	20.2 N	B42
P/2008 O2	2009 09 20.94790	00 59 57.12	+16 42 45.6	20.2 N	B42
P/2008 O2	2009 09 23.23028	00 58 37.81	+16 40 06.3	19.5 N	H10
P/2008 O2	2009 09 23.90710	00 58 13.72	+16 39 10.0	19.4 N	A13
P/2008 O2	2009 09 23.93115	00 58 12.83	+16 39 08.2	18.8 N	A13
P/2008 O2	2009 09 24.96771	00 57 35.66	+16 37 41.4	19.0 N	A32
P/2008 O2	2009 09 24.97665	00 57 35.33	+16 37 40.5	19.0 N	A32
P/2008 O2	2009 09 24.98522	00 57 35.00	+16 37 39.7	18.5 N	A32
P/2008 O2	2009 09 26.06626	00 56 55.63	+16 36 01.8	18.9 N	B82
P/2008 O2	2009 09 26.08060	00 56 55.27	+16 35 59.8	19.0 N	B82
P/2008 O2	2009 09 26.09133	00 56 54.87	+16 35 59.3	18.9 N	B82
P/2008 O2	2009 09 26.10920	00 56 54.23	+16 35 59.7	18.6 N	B82
P/2008 O2	2009 09 26.14494	00 56 52.88	+16 35 55.5	18.8 N	B82
P/2008 O2	2009 09 28.07653	00 55 41.79	+16 32 40.0	19.1 N	B82
P/2008 O2	2009 09 28.11953	00 55 40.19	+16 32 35.9	18.9 N	B82
P/2008 O2	2009 09 28.13382	00 55 39.54	+16 32 32.8	18.8 N	B82
P/2008 O2	2009 09 29.97648	00 54 30.80	+16 29 07.5	18.7 N	B37
P/2008 O2	2009 09 30.03759	00 54 28.46	+16 29 00.5	19.4 N	B37
P/2008 O2	2009 09 30.08448	00 54 26.72	+16 28 55.4	18.8 N	B37

C/2008 P1 (Garradd)

C/2008 P1	2009 08 14.97304	00 36 13.27	+22 48 47.9	16.4 N	B18
C/2008 P1	2009 08 14.97466	00 36 13.24	+22 48 50.4	16.4 N	B18
C/2008 P1	2009 08 14.97550	00 36 13.20	+22 48 50.6	16.4 N	B18
C/2008 P1	2009 08 14.97632	00 36 13.17	+22 48 51.6	16.5 N	B18
C/2008 P1	2009 08 14.97715	00 36 13.16	+22 48 52.6	16.4 N	B18
C/2008 P1	2009 08 14.97956	00 36 13.03	+22 48 54.2	16.4 N	B18
C/2008 P1	2009 08 14.98198	00 36 12.88	+22 48 55.2	16.4 N	B18
C/2008 P1	2009 08 19.07240	00 33 01.51	+23 39 14.8	16.9 N	212
C/2008 P1	2009 08 19.07385	00 33 01.46	+23 39 16.0	16.9 N	212
C/2008 P1	2009 08 19.07531	00 33 01.39	+23 39 17.1	16.8 N	212
C/2008 P1	2009 08 25.61462	00 27 10.63	+24 56 19.6	16.6 N	400
C/2008 P1	2009 08 25.61913	00 27 10.37	+24 56 22.6	16.6 N	400
C/2008 P1	2009 08 25.62365	00 27 10.11	+24 56 25.7	16.7 N	400
C/2008 P1	2009 08 28.91883	00 23 53.47	+25 33 20.8		204
C/2008 P1	2009 08 29.04716	00 23 45.43	+25 34 45.2	15.9 N	204
C/2008 P1	2009 08 30.03406	00 22 44.01	+25 45 30.5	16.8 N	J38
C/2008 P1	2009 08 30.03603	00 22 43.90	+25 45 31.7	16.8 N	J38
C/2008 P1	2009 08 30.03801	00 22 43.78	+25 45 33.2	16.8 N	J38
C/2008 P1	2009 08 31.04421	00 21 39.91	+25 56 22.9	16.6 N	945
C/2008 P1	2009 08 31.04853	00 21 39.63	+25 56 26.1	16.5 N	945
C/2008 P1	2009 08 31.05064	00 21 39.51	+25 56 27.7	16.5 N	945
C/2008 P1	2009 08 31.05230	00 21 39.41	+25 56 28.6	16.6 N	945
C/2008 P1	2009 08 31.05385	00 21 39.29	+25 56 30.0	16.7 N	945
C/2008 P1	2009 08 31.10590	00 21 35.88	+25 57 02.8	16.7 N	B74

C/2008 P1	2009 08 31.10867	00 21 35.72	+25 57 04.4	16.9 N	B74	C/2008 P1	2009 09 11.18618	00 08 46.36	+27 45 31.2	16.7 N	J24
C/2008 P1	2009 08 31.11354	00 21 35.42	+25 57 07.4	16.8 N	B74	C/2008 P1	2009 09 12.02479	00 07 44.09	+27 52 49.5	16.9 N	213
C/2008 P1	2009 08 31.29968	00 21 23.59	+25 59 07.7	16.6 N	H45	C/2008 P1	2009 09 12.02829	00 07 43.80	+27 52 51.6	16.8 N	213
C/2008 P1	2009 08 31.30076	00 21 23.52	+25 59 08.3	16.8 N	H45	C/2008 P1	2009 09 12.02983	00 07 43.70	+27 52 52.9	17.7 N	J10
C/2008 P1	2009 08 31.30215	00 21 23.43	+25 59 09.7	16.8 N	H45	C/2008 P1	2009 09 12.03178	00 07 43.54	+27 52 53.3	16.8 N	213
C/2008 P1	2009 08 31.30325	00 21 23.34	+25 59 10.1	16.6 N	H45	C/2008 P1	2009 09 12.03611	00 07 43.21	+27 52 56.7	17.1 N	J10
C/2008 P1	2009 08 31.30451	00 21 23.26	+25 59 10.4	16.8 N	H45	C/2008 P1	2009 09 12.04298	00 07 42.72	+27 52 59.7	17.0 N	J10
C/2008 P1	2009 08 31.30580	00 21 23.18	+25 59 11.5	16.8 N	H45	C/2008 P1	2009 09 12.84168	00 06 42.92	+27 59 50.0	16.4 N	235
C/2008 P1	2009 08 31.34313	00 21 20.77	+25 59 35.2	15.8 N	H47	C/2008 P1	2009 09 12.99802	00 06 31.13	+28 01 10.6	16.5 N	J51
C/2008 P1	2009 08 31.34665	00 21 20.50	+25 59 37.5	16.0 N	H47	C/2008 P1	2009 09 13.00237	00 06 30.79	+28 01 12.5	16.4 N	J51
C/2008 P1	2009 08 31.37255	00 21 18.78	+25 59 54.3	16.1 N	H47	C/2008 P1	2009 09 13.00671	00 06 30.45	+28 01 14.5	16.4 N	J51
C/2008 P1	2009 08 31.37557	00 21 18.56	+25 59 56.1	15.9 N	H47	C/2008 P1	2009 09 13.06731	00 06 25.73	+28 01 44.7	16.8 N	B82
C/2008 P1	2009 09 02.22116	00 19 18.25	+26 19 19.0	16.9 N	H45	C/2008 P1	2009 09 13.09687	00 06 23.47	+28 01 59.7	16.8 N	B82
C/2008 P1	2009 09 02.22304	00 19 18.15	+26 19 20.1	16.9 N	H45	C/2008 P1	2009 09 13.14119	00 06 20.10	+28 02 22.3	16.8 N	B82
C/2008 P1	2009 09 02.22455	00 19 18.02	+26 19 21.4	16.9 N	H45	C/2008 P1	2009 09 13.60237	00 05 45.38	+28 06 15.3	16.9 N	900
C/2008 P1	2009 09 02.23388	00 19 17.41	+26 19 27.0	17.0 N	H45	C/2008 P1	2009 09 13.60950	00 05 44.77	+28 06 17.7		900
C/2008 P1	2009 09 02.23525	00 19 17.30	+26 19 27.1	17.0 N	H45	C/2008 P1	2009 09 14.11448	00 05 06.31	+28 10 31.7	16.7 N	J24
C/2008 P1	2009 09 02.23677	00 19 17.15	+26 19 28.4	17.0 N	H45	C/2008 P1	2009 09 14.11743	00 05 06.12	+28 10 32.3	16.6 N	J24
C/2008 P1	2009 09 03.31967	00 18 04.70	+26 30 35.9	16.4 N	H47	C/2008 P1	2009 09 14.12038	00 05 05.88	+28 10 33.5	16.5 N	J24
C/2008 P1	2009 09 03.32585	00 18 04.26	+26 30 39.8	16.0 N	H47	C/2008 P1	2009 09 15.91615	00 02 48.51	+28 25 02.4	17.8 N	B42
C/2008 P1	2009 09 03.33152	00 18 03.86	+26 30 42.6	16.3 N	H47	C/2008 P1	2009 09 15.92801	00 02 47.55	+28 25 08.2	18.1 N	B42
C/2008 P1	2009 09 04.68916	00 16 31.45	+26 44 23.6	15.8 T	349	C/2008 P1	2009 09 15.94111	00 02 46.56	+28 25 14.3	17.5 N	B42
C/2008 P1	2009 09 04.69609	00 16 30.98	+26 44 28.0		349	C/2008 P1	2009 09 16.12144	00 02 32.44	+28 26 39.1	16.5 N	B74
C/2008 P1	2009 09 04.90503	00 16 16.82	+26 46 33.3	16.8 N	J97	C/2008 P1	2009 09 16.12281	00 02 32.30	+28 26 41.4	16.6 N	B74
C/2008 P1	2009 09 06.62288	00 14 16.95	+27 03 21.3	16.4 N	900	C/2008 P1	2009 09 16.12420	00 02 32.20	+28 26 41.9	16.5 N	B74
C/2008 P1	2009 09 06.63001	00 14 16.51	+27 03 25.4		900	C/2008 P1	2009 09 18.07992	00 00 00.59	+28 41 38.5	16.9 N	J40
C/2008 P1	2009 09 08.12681	00 12 29.77	+27 17 38.1	16.5 N	B74	C/2008 P1	2009 09 18.09442	23 59 59.43	+28 41 45.1	17.0 N	J40
C/2008 P1	2009 09 08.13068	00 12 29.49	+27 17 40.4	16.4 N	B74	C/2008 P1	2009 09 18.13059	23 59 56.58	+28 42 01.3	17.0 N	J40
C/2008 P1	2009 09 08.13389	00 12 29.27	+27 17 42.9	16.6 N	B74	C/2008 P1	2009 09 18.91133	23 58 55.83	+28 47 46.0	17.8 N	213
C/2008 P1	2009 09 09.12089	00 11 18.03	+27 26 53.4	16.8 N	118	C/2008 P1	2009 09 18.91285	23 58 55.71	+28 47 46.8	17.7 N	213
C/2008 P1	2009 09 09.12202	00 11 17.94	+27 26 54.3	16.9 N	118	C/2008 P1	2009 09 18.91336	23 58 55.66	+28 47 47.2	17.6 N	213
C/2008 P1	2009 09 09.12345	00 11 17.84	+27 26 54.9	16.9 N	118	C/2008 P1	2009 09 19.01752	23 58 47.41	+28 48 30.9	16.3 N	A18
C/2008 P1	2009 09 09.12602	00 11 17.67	+27 26 56.7	17.3 N	118	C/2008 P1	2009 09 19.03083	23 58 46.37	+28 48 36.3	16.7 N	212
C/2008 P1	2009 09 09.12731	00 11 17.57	+27 26 57.2	16.8 N	118	C/2008 P1	2009 09 19.03229	23 58 46.26	+28 48 36.5	16.7 N	212
C/2008 P1	2009 09 09.12860	00 11 17.47	+27 26 58.0	17.0 N	118	C/2008 P1	2009 09 19.03375	23 58 46.16	+28 48 37.4	16.7 N	212
C/2008 P1	2009 09 09.44559	00 10 54.39	+27 29 52.2	16.8 N	H10	C/2008 P1	2009 09 19.03521	23 58 46.03	+28 48 37.9	16.7 N	212
C/2008 P1	2009 09 09.44967	00 10 54.06	+27 29 54.4		H10	C/2008 P1	2009 09 19.03666	23 58 45.93	+28 48 38.5	16.8 N	212
C/2008 P1	2009 09 09.84957	00 10 25.10	+27 33 33.0	16.0 N	A71	C/2008 P1	2009 09 19.68046	23 57 55.32	+28 53 16.4		900
C/2008 P1	2009 09 09.86477	00 10 23.98	+27 33 40.6	16.2 N	A71	C/2008 P1	2009 09 19.68728	23 57 54.79	+28 53 19.7	16.5 N	900
C/2008 P1	2009 09 09.86987	00 10 23.59	+27 33 43.8	16.5 N	A71	C/2008 P1	2009 09 19.84370	23 57 42.66	+28 54 25.7	17.1 N	235
C/2008 P1	2009 09 11.02720	00 08 58.37	+27 44 07.2	17.5 N	J47	C/2008 P1	2009 09 19.95403	23 57 33.92	+28 55 14.2	17.3 N	B70
C/2008 P1	2009 09 11.03262	00 08 58.00	+27 44 10.3	17.5 N	J47	C/2008 P1	2009 09 19.95909	23 57 33.53	+28 55 16.4	17.3 N	B70
C/2008 P1	2009 09 11.03471	00 08 57.82	+27 44 10.6	17.0 N	J51	C/2008 P1	2009 09 19.96416	23 57 33.13	+28 55 18.6	17.0 N	B70
C/2008 P1	2009 09 11.03757	00 08 57.58	+27 44 12.9	17.6 N	J47	C/2008 P1	2009 09 20.04316	23 57 26.83	+28 55 51.6	16.6 N	B82
C/2008 P1	2009 09 11.04235	00 08 57.25	+27 44 14.5	17.0 N	J51	C/2008 P1	2009 09 20.04928	23 57 26.34	+28 55 54.1	16.7 N	B82
C/2008 P1	2009 09 11.04976	00 08 56.63	+27 44 18.7	16.7 N	945	C/2008 P1	2009 09 20.05523	23 57 25.86	+28 55 56.6	16.6 N	B82
C/2008 P1	2009 09 11.04999	00 08 56.68	+27 44 18.3	17.0 N	J51	C/2008 P1	2009 09 21.80712	23 55 07.89	+29 07 56.6	16.2 N	A77
C/2008 P1	2009 09 11.05410	00 08 56.25	+27 44 20.6	16.8 N	945	C/2008 P1	2009 09 21.81335	23 55 07.39	+29 07 59.3	15.8 N	A77
C/2008 P1	2009 09 11.05890	00 08 55.88	+27 44 22.6	16.7 N	945	C/2008 P1	2009 09 21.81956	23 55 06.91	+29 08 02.3	16.2 N	A77
C/2008 P1	2009 09 11.06120	00 08 55.76	+27 44 24.2	16.8 N	945	C/2008 P1	2009 09 22.03581	23 54 49.56	+29 09 28.1	16.4 N	945
C/2008 P1	2009 09 11.06593	00 08 55.30	+27 44 26.0	16.6 N	945	C/2008 P1	2009 09 22.03817	23 54 49.42	+29 09 29.3	16.4 N	945
C/2008 P1	2009 09 11.17282	00 08 47.36	+27 45 24.5	16.7 N	J24	C/2008 P1	2009 09 22.04131	23 54 49.20	+29 09 30.2	16.3 N	945
C/2008 P1	2009 09 11.18084	00 08 46.78	+27 45 28.6	16.7 N	J24	C/2008 P1	2009 09 22.05047	23 54 48.33	+29 09 33.7	16.4 N	945

C/2008 P1	2009 09 22.83113	23 53 46.80	+29 14 40.6	16.6 N	J40
C/2008 P1	2009 09 22.84333	23 53 45.82	+29 14 45.4	16.7 N	J40
C/2008 P1	2009 09 22.86817	23 53 43.83	+29 14 55.3	16.6 N	J40
C/2008 P1	2009 09 22.89520	23 53 41.69	+29 15 04.8	16.3 N	B49
C/2008 P1	2009 09 22.90198	23 53 41.14	+29 15 07.5	16.4 N	B49
C/2008 P1	2009 09 22.90951	23 53 40.54	+29 15 10.6	16.6 N	B49
C/2008 P1	2009 09 23.03186	23 53 30.68	+29 15 58.2	16.7 N	B82
C/2008 P1	2009 09 23.04377	23 53 29.75	+29 16 02.8	16.7 N	B82
C/2008 P1	2009 09 23.06166	23 53 28.33	+29 16 09.8	16.6 N	B82
C/2008 P1	2009 09 23.80814	23 52 29.39	+29 20 53.1	16.8 N	213
C/2008 P1	2009 09 23.81387	23 52 28.91	+29 20 56.0	16.8 N	213
C/2008 P1	2009 09 23.81769	23 52 28.62	+29 20 56.0	16.5 N	213
C/2008 P1	2009 09 23.83226	23 52 27.47	+29 21 01.6	16.3 N	B49
C/2008 P1	2009 09 23.83987	23 52 26.85	+29 21 04.3	16.5 N	B49
C/2008 P1	2009 09 23.84788	23 52 26.21	+29 21 07.7	16.6 N	B49
C/2008 P1	2009 09 23.87180	23 52 24.28	+29 21 17.9	16.9 N	160
C/2008 P1	2009 09 23.87436	23 52 24.07	+29 21 19.1	17.5 N	160
C/2008 P1	2009 09 23.87694	23 52 23.83	+29 21 19.7	16.7 N	160
C/2008 P1	2009 09 23.88701	23 52 23.04	+29 21 22.7	16.7 N	B83
C/2008 P1	2009 09 23.95663	23 52 17.45	+29 21 49.7	16.7 N	B83
C/2008 P1	2009 09 23.96810	23 52 16.49	+29 21 53.9	16.6 N	945
C/2008 P1	2009 09 23.97156	23 52 16.22	+29 21 55.4	16.6 N	945
C/2008 P1	2009 09 23.97613	23 52 15.85	+29 21 57.1	16.5 N	945
C/2008 P1	2009 09 23.97830	23 52 15.69	+29 21 57.5	16.5 N	945
C/2008 P1	2009 09 23.98037	23 52 15.52	+29 21 58.5	16.5 N	945
C/2008 P1	2009 09 24.80706	23 51 10.13	+29 27 02.1	16.7 N	J28
C/2008 P1	2009 09 24.81591	23 51 09.41	+29 27 05.5	16.9 N	J28
C/2008 P1	2009 09 24.82444	23 51 08.73	+29 27 08.8	16.9 N	J28
C/2008 P1	2009 09 25.41142	23 50 21.81	+29 30 38.5	15.4 T	H06
C/2008 P1	2009 09 25.41328	23 50 21.67	+29 30 39.0		H06
C/2008 P1	2009 09 25.41514	23 50 21.51	+29 30 40.4		H06
C/2008 P1	2009 09 25.85149	23 49 47.10	+29 33 14.7	16.5 T	B26
C/2008 P1	2009 09 25.87634	23 49 45.14	+29 33 21.5		J20
C/2008 P1	2009 09 25.91074	23 49 42.42	+29 33 34.6	17.2 N	970
C/2008 P1	2009 09 25.91101	23 49 42.38	+29 33 34.7	16.6 N	939
C/2008 P1	2009 09 25.91637	23 49 41.96	+29 33 36.8	16.7 N	939
C/2008 P1	2009 09 25.92171	23 49 41.53	+29 33 38.8	16.6 N	939
C/2008 P1	2009 09 25.92437	23 49 41.34	+29 33 40.0	17.3 N	970
C/2008 P1	2009 09 26.03317	23 49 32.57	+29 34 17.4	16.7 N	B82
C/2008 P1	2009 09 26.03912	23 49 32.12	+29 34 19.6	16.6 N	B82
C/2008 P1	2009 09 26.04060	23 49 31.94	+29 34 20.2	16.7 N	B82
C/2008 P1	2009 09 26.04802	23 49 31.39	+29 34 23.0	16.6 N	B82
C/2008 P1	2009 09 26.94806	23 48 20.10	+29 39 31.3	16.9 N	B87
C/2008 P1	2009 09 26.96049	23 48 19.08	+29 39 35.6	16.8 N	B87
C/2008 P1	2009 09 26.97292	23 48 18.10	+29 39 39.8	16.9 N	B87
C/2008 P1	2009 09 27.00986	23 48 15.09	+29 39 51.9	16.6 N	945
C/2008 P1	2009 09 27.01171	23 48 14.94	+29 39 51.7	16.7 N	B82
C/2008 P1	2009 09 27.01616	23 48 14.54	+29 39 53.2	16.6 N	945
C/2008 P1	2009 09 27.01913	23 48 14.38	+29 39 54.2	16.7 N	B82
C/2008 P1	2009 09 27.01998	23 48 14.22	+29 39 54.7	16.6 N	945
C/2008 P1	2009 09 27.02497	23 48 13.85	+29 39 56.8	16.6 N	945
C/2008 P1	2009 09 27.03372	23 48 13.14	+29 39 59.3	16.6 N	945
C/2008 P1	2009 09 27.04440	23 48 12.35	+29 40 02.5	16.8 N	B82

C/2008 P1	2009 09 27.06012	23 48 11.11	+29 40 08.0	17.0 N	232
C/2008 P1	2009 09 27.06074	23 48 11.03	+29 40 08.0	16.6 N	B82
C/2008 P1	2009 09 27.06264	23 48 10.90	+29 40 08.8	17.2 N	232
C/2008 P1	2009 09 27.06516	23 48 10.68	+29 40 09.7	17.2 N	232
C/2008 P1	2009 09 27.29135	23 47 52.80	+29 41 25.7	16.7 N	H45
C/2008 P1	2009 09 27.29304	23 47 52.65	+29 41 26.3	16.8 N	H45
C/2008 P1	2009 09 27.29556	23 47 52.45	+29 41 27.3	16.8 N	H45
C/2008 P1	2009 09 27.30483	23 47 51.71	+29 41 30.5	16.7 N	H45
C/2008 P1	2009 09 27.30636	23 47 51.59	+29 41 30.8	16.7 N	H45
C/2008 P1	2009 09 27.30798	23 47 51.45	+29 41 31.5	16.8 N	H45
C/2008 P1	2009 09 27.88658	23 47 05.75	+29 44 40.7	17.1 N	160
C/2008 P1	2009 09 27.88862	23 47 05.58	+29 44 41.4	16.9 N	160
C/2008 P1	2009 09 27.89033	23 47 05.45	+29 44 41.9	17.7 N	160
C/2008 P1	2009 09 27.94034	23 47 01.49	+29 44 58.0	16.7 N	J38
C/2008 P1	2009 09 27.94231	23 47 01.34	+29 44 58.5	16.7 N	J38
C/2008 P1	2009 09 27.94630	23 47 01.01	+29 44 59.7	16.7 N	J38
C/2008 P1	2009 09 27.96315	23 46 59.59	+29 45 05.9	16.7 N	945
C/2008 P1	2009 09 27.96685	23 46 59.27	+29 45 07.5	16.7 N	945
C/2008 P1	2009 09 27.97084	23 46 58.93	+29 45 08.7	16.7 N	945
C/2008 P1	2009 09 27.97501	23 46 58.61	+29 45 09.6	16.7 N	945
C/2008 P1	2009 09 27.98345	23 46 57.93	+29 45 12.6	16.6 N	945
C/2008 P1	2009 09 28.23067	23 46 38.50	+29 46 30.9	17.6 T	704
C/2008 P1	2009 09 28.24287	23 46 37.54	+29 46 33.8	17.7 T	704
C/2008 P1	2009 09 28.25510	23 46 36.53	+29 46 39.1	17.7 T	704
C/2008 P1	2009 09 28.26731	23 46 35.57	+29 46 41.3	17.7 T	704
C/2008 P1	2009 09 28.27951	23 46 34.61	+29 46 46.0	18.2 T	704
C/2008 P1	2009 09 28.85310	23 45 49.33	+29 49 48.6	16.8 N	585
C/2008 P1	2009 09 28.86531	23 45 48.31	+29 49 53.2	17.1 N	585
C/2008 P1	2009 09 28.86631	23 45 48.23	+29 49 53.5	17.1 N	585
C/2008 P1	2009 09 28.86932	23 45 48.04	+29 49 53.7	17.0 N	585
C/2008 P1	2009 09 28.87031	23 45 47.89	+29 49 53.8	17.1 N	585
C/2008 P1	2009 09 28.87132	23 45 47.84	+29 49 54.7	17.1 N	585
C/2008 P1	2009 09 28.95758	23 45 41.03	+29 50 20.7	16.7 N	J38
C/2008 P1	2009 09 28.95972	23 45 40.87	+29 50 21.5	16.8 N	J38
C/2008 P1	2009 09 28.96401	23 45 40.51	+29 50 22.6	16.8 N	J38
C/2008 P1	2009 09 29.91619	23 44 25.42	+29 55 13.3	16.4 N	B49
C/2008 P1	2009 09 29.92209	23 44 24.95	+29 55 14.6	16.4 N	B49
C/2008 P1	2009 09 29.92582	23 44 24.67	+29 55 16.7	17.0 N	J38
C/2008 P1	2009 09 29.92841	23 44 24.45	+29 55 16.6	16.3 N	B49
C/2008 P1	2009 09 29.93440	23 44 23.98	+29 55 19.6	16.9 N	J38
C/2008 P1	2009 09 29.93653	23 44 23.82	+29 55 20.3	16.8 N	J38
C/2008 P1	2009 09 29.93992	23 44 23.58	+29 55 22.5	17.2 N	J47
C/2008 P1	2009 09 29.94195	23 44 23.41	+29 55 23.1	17.3 N	J47
C/2008 P1	2009 09 29.94398	23 44 23.25	+29 55 23.8	17.3 N	J47

C/2008 Q1 (Matičič)

C/2008 Q1	2009 08 04.86741	12 56 25.55	+14 06 24.6	18.0 N	204
C/2008 Q1	2009 08 04.87508	12 56 25.57	+14 06 18.7		204

C/2008 Q3 (Garradd)

C/2008 Q3	2009 07 23.53741	12 35 07.60	-04 58 52.4		D25
C/2008 Q3	2009 07 23.53962	12 35 07.59	-04 58 49.2		D25
C/2008 Q3	2009 08 23.43463	12 44 56.29	+02 26 06.7	11.9 T	349
C/2008 Q3	2009 08 23.43657	12 44 56.36	+02 26 08.0		349

C/2008 Q3	2009 08 23.44828	12 44 56.64	+02 26 14.5	14.2 N	900
C/2008 Q3	2009 08 23.45078	12 44 56.72	+02 26 16.4		900
C/2008 Q3	2009 09 01.42663	12 49 25.73	+03 44 48.7	14.3 N	900
C/2008 Q3	2009 09 01.42797	12 49 25.61	+03 44 52.4		900
C/2008 Q3	2009 09 06.41395	12 52 05.48	+04 23 49.1	13.0 T	349
C/2008 Q3	2009 09 06.41655	12 52 05.62	+04 23 49.5		349

C/2008 S3 (Boattini)

C/2008 S3	2009 08 31.44189	03 43 48.23	+20 43 13.7	18.5 N	H36
C/2008 S3	2009 08 31.44941	03 43 48.07	+20 43 13.7	18.6 N	H36
C/2008 S3	2009 09 06.04182	03 42 00.36	+20 43 22.9		204
C/2008 S3	2009 09 06.14266	03 41 58.21	+20 43 22.2	18.7 N	204
C/2008 S3	2009 09 15.08619	03 38 28.79	+20 41 43.2	19 N	461
C/2008 S3	2009 09 15.09501	03 38 28.58	+20 41 43.0		461
C/2008 S3	2009 09 19.70494	03 36 23.08	+20 39 52.4		900
C/2008 S3	2009 09 19.71209	03 36 22.80	+20 39 52.5	18.1 T	900
C/2008 S3	2009 09 20.09919	03 36 11.66	+20 39 41.5	18.5 N	118
C/2008 S3	2009 09 20.10214	03 36 11.58	+20 39 41.4	18.0 N	118
C/2008 S3	2009 09 20.10509	03 36 11.49	+20 39 41.4	17.9 N	118
C/2008 S3	2009 09 21.07549	03 35 43.35	+20 39 12.7	18.4 T	J75
C/2008 S3	2009 09 21.08781	03 35 43.08	+20 39 11.6	17.9 T	J75
C/2008 S3	2009 09 21.10008	03 35 42.65	+20 39 11.6	18.0 T	J75
C/2008 S3	2009 09 21.34664	03 35 35.48	+20 39 05.1	19.4 T	704
C/2008 S3	2009 09 21.37028	03 35 34.64	+20 39 02.7	19.9 T	704
C/2008 S3	2009 09 21.38214	03 35 34.32	+20 39 02.7	20.1 T	704
C/2008 S3	2009 09 21.39399	03 35 34.00	+20 39 03.3	19.4 T	704
C/2008 S3	2009 09 21.41899	03 35 33.28	+20 39 01.6	18.0 T	G96
C/2008 S3	2009 09 21.42604	03 35 33.03	+20 39 01.5	18.0 T	G96
C/2008 S3	2009 09 21.43308	03 35 32.82	+20 39 01.5	18.1 T	G96
C/2008 S3	2009 09 21.44020	03 35 32.60	+20 39 01.2	18.1 T	G96
C/2008 S3	2009 09 26.05842	03 33 10.54	+20 36 12.0	19.1 N	B33
C/2008 S3	2009 09 26.06095	03 33 10.44	+20 36 12.4	19.1 N	B33
C/2008 S3	2009 09 27.34307	03 32 29.06	+20 35 20.4	19.5 T	704
C/2008 S3	2009 09 27.35531	03 32 28.57	+20 35 18.3	19.6 T	704
C/2008 S3	2009 09 27.36764	03 32 28.18	+20 35 17.7	20.1 T	704
C/2008 S3	2009 09 27.38012	03 32 27.71	+20 35 18.0	20.1 T	704
C/2008 S3	2009 09 27.39260	03 32 27.39	+20 35 16.3	20.1 T	704
C/2008 S3	2009 09 28.11308	03 32 03.67	+20 34 44.1	17.3 N	A77
C/2008 S3	2009 09 28.11928	03 32 03.48	+20 34 43.5	17.3 N	A77
C/2008 S3	2009 09 28.12547	03 32 03.25	+20 34 44.0	17.3 N	A77

C/2008 T2 (Cardinal)

C/2008 T2	2009 08 18.42263	10 48 44.53	-39 00 03.3	13.7 T	D90
C/2008 T2	2009 08 18.42443	10 48 44.89	-39 00 06.1		D90
C/2008 T2	2009 09 09.31685	12 19 25.76	-48 51 10.3	17.1 N	E94
C/2008 T2	2009 09 09.32825	12 19 28.79	-48 51 24.7	17.2 N	E94
C/2008 T2	2009 09 09.34177	12 19 32.41	-48 51 40.6	17.0 N	E94
C/2008 T2	2009 09 09.35539	12 19 36.05	-48 51 58.3	17.2 N	E94
C/2008 T2	2009 09 09.36668	12 19 38.94	-48 52 08.5	14.9 N	E94

C/2009 F4 (McNaught)

C/2009 F4	2009 09 12.97436	14 55 12.37	-27 24 22.3	17.0 N	I21
C/2009 F4	2009 09 12.98771	14 55 12.60	-27 24 25.0	17.0 N	I21

C/2009 F4	2009 09 21.97342	14 57 38.51	-27 50 45.2	16.3 N	I21
C/2009 F4	2009 09 21.98261	14 57 38.66	-27 50 48.1	16.4 N	I21

C/2009 F6 (Yi-SWAN)

C/2009 F6	2009 08 26.78870	07 48 37.94	+01 44 38.7	16.4 T	349
C/2009 F6	2009 08 26.79037	07 48 38.08	+01 44 35.5		349
C/2009 F6	2009 08 28.79060	07 50 18.40	+00 54 20.3	16.3 T	349
C/2009 F6	2009 08 28.79252	07 50 18.53	+00 54 18.2		349
C/2009 F6	2009 09 09.80243	07 59 11.91	-04 12 45.5	16.7 T	349
C/2009 F6	2009 09 09.80420	07 59 12.03	-04 12 47.7		349
C/2009 F6	2009 09 19.79866	08 04 57.51	-08 36 25.7	16.6 T	D90
C/2009 F6	2009 09 19.79970	08 04 57.52	-08 36 27.0		D90
C/2009 F6	2009 09 19.80073	08 04 57.52	-08 36 28.6		D90
C/2009 F6	2009 09 26.46488	08 07 51.16	-11 36 39.0		H06
C/2009 F6	2009 09 26.47139	08 07 51.31	-11 36 48.6	17.5 T	H06
C/2009 F6	2009 09 27.48380	08 08 13.30	-12 04 28.0	15.9 T	H06
C/2009 F6	2009 09 27.48659	08 08 13.30	-12 04 31.8		H06

P/2009 K1 (Gibbs)

P/2009 K1	2009 08 29.47484	14 13 31.95	-08 24 36.9	17.7 N	D25
P/2009 K1	2009 08 29.48216	14 13 33.26	-08 24 43.7	17.6 N	D25
P/2009 K1	2009 09 05.41304	14 35 24.77	-10 13 35.8	18.8 N	D90
P/2009 K1	2009 09 05.41499	14 35 25.14	-10 13 37.2		D90
P/2009 K1	2009 09 07.41361	14 41 39.02	-10 43 19.5	16.7 T	D90
P/2009 K1	2009 09 07.41457	14 41 39.20	-10 43 20.1		D90
P/2009 K1	2009 09 07.41553	14 41 39.38	-10 43 20.6		D90
P/2009 K1	2009 09 14.50694	15 03 29.53	-12 22 16.0	17.5 N	D25
P/2009 K1	2009 09 14.51334	15 03 30.73	-12 22 21.6	17.2 N	D25
P/2009 K1	2009 09 18.50935	15 15 37.61	-13 13 32.9	18.2 N	D25

C/2009 K2 (Catalina)

C/2009 K2	2009 08 18.87069	16 05 40.00	+42 02 38.0	17.7 N	212
C/2009 K2	2009 08 20.86809	16 06 50.19	+41 22 31.3	17.8 N	212
C/2009 K2	2009 08 20.87392	16 06 50.36	+41 22 23.6	17.7 N	212
C/2009 K2	2009 08 20.87684	16 06 50.42	+41 22 20.7	17.6 N	212
C/2009 K2	2009 08 31.80542	16 14 23.56	+37 40 18.0	18.2 N	160
C/2009 K2	2009 08 31.81005	16 14 23.76	+37 40 12.2	18.2 N	160
C/2009 K2	2009 08 31.81483	16 14 23.96	+37 40 06.5	18.1 N	160
C/2009 K2	2009 08 31.82781	16 14 24.54	+37 39 50.1	18.4 N	B42
C/2009 K2	2009 08 31.83259	16 14 24.75	+37 39 43.0	18.6 N	B42
C/2009 K2	2009 08 31.83827	16 14 25.08	+37 39 37.6	17.7 N	118
C/2009 K2	2009 08 31.83924	16 14 25.13	+37 39 36.3	18.2 N	B42
C/2009 K2	2009 08 31.84052	16 14 25.13	+37 39 34.5	17.6 N	118
C/2009 K2	2009 08 31.84277	16 14 25.25	+37 39 31.7	17.7 N	118
C/2009 K2	2009 08 31.84502	16 14 25.37	+37 39 29.4	17.8 N	118
C/2009 K2	2009 09 01.89359	16 15 14.58	+37 18 03.9	17.9 N	J47
C/2009 K2	2009 09 01.90020	16 15 14.74	+37 17 56.0	18.3 N	J47
C/2009 K2	2009 09 01.90377	16 15 14.88	+37 17 52.9	18.5 N	J47
C/2009 K2	2009 09 04.82533	16 17 37.13	+36 18 09.0	17.9 N	J97
C/2009 K2	2009 09 04.83368	16 17 37.33	+36 17 57.9	17.9 N	J97
C/2009 K2	2009 09 04.84204	16 17 37.74	+36 17 47.1	17.9 N	J97
C/2009 K2	2009 09 05.88286	16 18 30.10	+35 56 33.8	18.3 N	212
C/2009 K2	2009 09 07.77528	16 20 07.25	+35 17 49.9	18.6 N	118
C/2009 K2	2009 09 07.77676	16 20 07.34	+35 17 48.1	18.2 N	118

C/2009 K2	2009 09 07.77825	16 20 07.47	+35 17 46.3	18.3 N	118
C/2009 K2	2009 09 07.77974	16 20 07.57	+35 17 44.8	18.8 N	118
C/2009 K2	2009 09 07.78271	16 20 07.73	+35 17 41.5		118
C/2009 K2	2009 09 07.78569	16 20 07.93	+35 17 37.3	18.7 N	118
C/2009 K2	2009 09 08.82347	16 21 02.34	+34 56 26.2	17.8 N	A71
C/2009 K2	2009 09 08.83108	16 21 02.79	+34 56 17.6	17.9 N	A71
C/2009 K2	2009 09 09.81026	16 21 54.97	+34 36 18.1	17.8 N	160
C/2009 K2	2009 09 09.81296	16 21 55.04	+34 36 16.1	17.7 N	J97
C/2009 K2	2009 09 09.81344	16 21 55.07	+34 36 14.7	18.1 N	160
C/2009 K2	2009 09 09.81999	16 21 55.40	+34 36 07.0	17.9 N	160
C/2009 K2	2009 09 09.83128	16 21 56.00	+34 35 54.0	17.6 N	J97
C/2009 K2	2009 09 09.86042	16 21 57.57	+34 35 17.7	17.7 N	J97
C/2009 K2	2009 09 09.87809	16 21 58.47	+34 34 55.9	17.6 N	J97
C/2009 K2	2009 09 09.89237	16 21 59.23	+34 34 37.6	17.4 N	J97
C/2009 K2	2009 09 10.79992	16 22 48.30	+34 16 07.8	18.2 N	B42
C/2009 K2	2009 09 10.80510	16 22 48.58	+34 16 01.5	18.1 N	B42
C/2009 K2	2009 09 10.80945	16 22 48.85	+34 15 55.9	18.5 N	B42
C/2009 K2	2009 09 19.45019	16 31 05.59	+31 21 03.0	17.8 T	900
C/2009 K2	2009 09 19.45735	16 31 06.00	+31 20 55.1		900
C/2009 K2	2009 09 21.14572	16 32 49.05	+30 47 06.6	17.4 T	703
C/2009 K2	2009 09 21.15124	16 32 49.34	+30 46 58.6	17.8 T	703
C/2009 K2	2009 09 21.15678	16 32 49.77	+30 46 52.7	17.3 T	703
C/2009 K2	2009 09 21.16215	16 32 50.02	+30 46 46.4	17.7 T	703
C/2009 K2	2009 09 22.85941	16 34 35.28	+30 12 52.5		204
C/2009 K2	2009 09 22.87988	16 34 36.59	+30 12 28.0	18.0 N	204
C/2009 K2	2009 09 26.12739	16 38 03.11	+29 08 12.0	18.1 T	H06
C/2009 K2	2009 09 26.12925	16 38 03.23	+29 08 09.6		H06
C/2009 K2	2009 09 26.13111	16 38 03.36	+29 08 07.0		H06
C/2009 K2	2009 09 26.84187	16 38 49.40	+28 54 06.8	17.8 N	B82
C/2009 K2	2009 09 26.84334	16 38 49.49	+28 54 04.7	17.8 N	B82
C/2009 K2	2009 09 26.84483	16 38 49.71	+28 54 05.0	17.4 N	B82
C/2009 K2	2009 09 27.86287	16 39 55.99	+28 34 05.2	17.4 N	B82
C/2009 K2	2009 09 27.86583	16 39 56.18	+28 34 02.6	17.8 N	B82
C/2009 K2	2009 09 27.86880	16 39 56.46	+28 33 58.6	18.0 N	B82
C/2009 K2	2009 09 28.09439	16 40 11.24	+28 29 36.0	17.9 T	703
C/2009 K2	2009 09 28.09811	16 40 11.48	+28 29 30.9	18.3 T	704
C/2009 K2	2009 09 28.09836	16 40 11.53	+28 29 30.7	17.8 T	703
C/2009 K2	2009 09 28.10231	16 40 11.71	+28 29 27.4	17.6 T	703
C/2009 K2	2009 09 28.10629	16 40 11.96	+28 29 21.6	18.1 T	703
C/2009 K2	2009 09 28.11063	16 40 12.28	+28 29 16.6	18.4 T	704
C/2009 K2	2009 09 28.12315	16 40 13.10	+28 29 01.5	19.6 T	704
C/2009 K2	2009 09 28.13563	16 40 13.94	+28 28 46.5	18.6 T	704
C/2009 K2	2009 09 28.14824	16 40 14.70	+28 28 32.2	18.6 T	704

C/2009 K5 (McNaught)

C/2009 K5	2009 08 30.06786	15 40 09.43	-54 43 44.2	15.0 N	I32
C/2009 K5	2009 08 30.07247	15 40 09.53	-54 43 38.5	15.1 N	I32
C/2009 K5	2009 09 04.43914	15 41 39.62	-53 02 57.5	16.4 N	E85
C/2009 K5	2009 09 04.44204	15 41 39.71	-53 02 54.5	16.5 N	E85
C/2009 K5	2009 09 04.44493	15 41 39.80	-53 02 51.2	16.5 N	E85
C/2009 K5	2009 09 04.44861	15 41 39.92	-53 02 48.1	15.6 T	D90
C/2009 K5	2009 09 04.45146	15 41 39.95	-53 02 45.2		D90
C/2009 K5	2009 09 04.45431	15 41 40.01	-53 02 41.8		D90

C/2009 K5	2009 09 05.97664	15 42 13.70	-52 34 54.2	16.3 N	I32
C/2009 K5	2009 09 05.98170	15 42 13.77	-52 34 49.4	16.3 N	I32
C/2009 K5	2009 09 06.98330	15 42 37.73	-52 16 42.7	16.1 N	I32
C/2009 K5	2009 09 11.02633	15 44 28.10	-51 05 09.1	15.5 N	I19
C/2009 K5	2009 09 11.02889	15 44 28.15	-51 05 06.2	15.8 N	I19
C/2009 K5	2009 09 11.05940	15 44 29.03	-51 04 34.0	15.6 N	I19
C/2009 K5	2009 09 13.03489	15 45 30.50	-50 30 30.2		I21
C/2009 K5	2009 09 13.07964	15 45 31.84	-50 29 33.2		I21
C/2009 K5	2009 09 14.96283	15 46 35.23	-49 57 50.1		I21
C/2009 K5	2009 09 14.98575	15 46 35.81	-49 57 26.7		I21
C/2009 K5	2009 09 19.48058	15 49 21.96	-48 43 25.6	16.0 T	D90
C/2009 K5	2009 09 19.48250	15 49 22.02	-48 43 23.8		D90
C/2009 K5	2009 09 19.48443	15 49 22.11	-48 43 22.0		D90
C/2009 K5	2009 09 19.97230	15 49 41.42	-48 35 31.5	15.1 N	I32

P/2009 L2 (Yang-Gao)

P/2009 L2	2009 07 15.60773	18 27 22.80	+02 07 04.1	15.2 T	355
P/2009 L2	2009 07 15.60845	18 27 22.79	+02 07 04.5		355
P/2009 L2	2009 07 15.60917	18 27 22.79	+02 07 05.7		355
P/2009 L2	2009 07 15.60988	18 27 22.84	+02 07 06.0		355
P/2009 L2	2009 07 15.61133	18 27 22.86	+02 07 07.6		355
P/2009 L2	2009 08 19.95399	18 52 36.61	+03 52 33.7	17.2 N	212
P/2009 L2	2009 08 19.96273	18 52 37.12	+03 52 31.4	17.3 N	212
P/2009 L2	2009 08 19.97149	18 52 37.67	+03 52 30.0	17.3 N	212
P/2009 L2	2009 08 24.91536	18 57 51.24	+03 33 25.4	17.7 N	A32
P/2009 L2	2009 08 24.92021	18 57 51.54	+03 33 24.2	17.6 N	A32
P/2009 L2	2009 08 24.92506	18 57 51.84	+03 33 22.7	17.5 N	A32
P/2009 L2	2009 08 31.02499	19 04 48.66	+03 06 50.1	17.0 N	J38
P/2009 L2	2009 08 31.02695	19 04 48.67	+03 06 49.9	17.1 N	J38
P/2009 L2	2009 08 31.02891	19 04 48.74	+03 06 49.6	17.1 N	J38
P/2009 L2	2009 08 31.81231	19 05 44.80	+03 03 13.9	17.7 N	B96
P/2009 L2	2009 08 31.81961	19 05 45.54	+03 03 12.8	17.7 N	B96
P/2009 L2	2009 08 31.82691	19 05 46.18	+03 03 09.6	17.8 N	B96
P/2009 L2	2009 09 01.49052	19 06 33.80	+03 00 11.1		900
P/2009 L2	2009 09 01.49761	19 06 34.43	+03 00 06.7	17.0 T	900
P/2009 L2	2009 09 05.91281	19 11 59.45	+02 39 45.6	16.7 N	212
P/2009 L2	2009 09 10.81906	19 18 16.05	+02 17 16.4		B96
P/2009 L2	2009 09 10.82903	19 18 16.74	+02 17 13.6		B96
P/2009 L2	2009 09 10.91027	19 18 23.26	+02 16 52.0	18.8 N	J47
P/2009 L2	2009 09 10.91193	19 18 23.39	+02 16 51.2	19.5 N	J47
P/2009 L2	2009 09 10.91358	19 18 23.52	+02 16 50.4	19.6 N	J47
P/2009 L2	2009 09 11.87701	19 19 39.37	+02 12 28.2		160
P/2009 L2	2009 09 15.75225	19 24 50.35	+01 55 19.7	19 T	461
P/2009 L2	2009 09 15.75401	19 24 50.51	+01 55 19.2		461
P/2009 L2	2009 09 15.75880	19 24 50.89	+01 55 17.5		461
P/2009 L2	2009 09 17.88119	19 27 44.66	+01 46 12.0	17.9 N	A32
P/2009 L2	2009 09 17.88455	19 27 44.88	+01 46 11.6	18.0 N	A32

C/2009 O2 (Catalina)

C/2009 O2	2009 08 20.01086	20 02 02.79	-11 03 58.9	19.1 N	212
C/2009 O2	2009 08 20.90625	20 00 25.65	-11 02 46.6	18.8 N	561
C/2009 O2	2009 08 20.91551	20 00 24.59	-11 02 45.7	18.9 N	561
C/2009 O2	2009 08 25.83838	19 51 39.25	-10 55 45.8	18.3 N	585
C/2009 O2	2009 08 25.83984	19 51 39.19	-10 55 45.3	18.4 N	585

C/2009 O2	2009 08 25.84258	19 51 38.90	-10 55 44.0	18.1 N	585
C/2009 O2	2009 08 29.87203	19 44 43.85	-10 49 29.1	17.8 T	585
C/2009 O2	2009 08 29.88028	19 44 43.03	-10 49 29.1	17.7 T	585
C/2009 O2	2009 09 10.85698	19 26 06.17	-10 28 20.7	19.1 N	J47
C/2009 O2	2009 09 10.85915	19 26 05.93	-10 28 20.8	19.7 N	J47
C/2009 O2	2009 09 10.86277	19 26 05.58	-10 28 20.5	19.3 N	J47
C/2009 O2	2009 09 11.85221	19 24 42.51	-10 26 27.5	19.0 N	160
C/2009 O2	2009 09 12.89664	19 23 16.73	-10 24 24.5	19.0 N	J47
C/2009 O2	2009 09 12.90026	19 23 16.41	-10 24 24.2	18.0 N	J47
C/2009 O2	2009 09 19.53425	19 14 53.45	-10 10 48.7	19.1 T	D90
C/2009 O2	2009 09 19.53821	19 14 53.10	-10 10 47.6		D90
C/2009 O2	2009 09 21.75002	19 12 22.55	-10 06 06.0	18.8 N	585
C/2009 O2	2009 09 21.75150	19 12 22.44	-10 06 06.1	19.0 N	585
C/2009 O2	2009 09 21.75603	19 12 22.13	-10 06 05.0	18.9 N	585
C/2009 O2	2009 09 21.75751	19 12 22.04	-10 06 06.0	18.9 N	585
C/2009 O2	2009 09 21.76343	19 12 21.69	-10 06 05.3	19.0 N	585
C/2009 O2	2009 09 21.77439	19 12 20.91	-10 06 03.6	19.0 N	585
C/2009 O2	2009 09 21.77586	19 12 20.83	-10 06 03.3	18.8 N	585

P/2009 O3 (Hill)

P/2009 O3	2009 08 13.97484	01 43 42.41	+09 40 09.1	18.0 N	B18
P/2009 O3	2009 08 13.97705	01 43 42.56	+09 40 08.7		B18
P/2009 O3	2009 08 13.97927	01 43 42.63	+09 40 08.2		B18
P/2009 O3	2009 08 20.02454	01 47 04.60	+09 13 52.3	17.2 N	A71
P/2009 O3	2009 08 20.03083	01 47 04.83	+09 13 51.3	17.5 N	A71
P/2009 O3	2009 08 26.02843	01 49 34.73	+08 41 08.2	18.2 T	585
P/2009 O3	2009 08 26.04536	01 49 35.01	+08 41 02.0	18.3 N	585
P/2009 O3	2009 08 26.04683	01 49 35.09	+08 41 02.0	18.2 N	585
P/2009 O3	2009 08 30.01851	01 50 46.26	+08 15 48.8	17.9 N	A71
P/2009 O3	2009 08 30.02312	01 50 46.37	+08 15 48.5	18.0 N	A71
P/2009 O3	2009 08 30.05398	01 50 46.74	+08 15 36.3	18.0 N	585
P/2009 O3	2009 08 30.66355	01 50 55.84	+08 11 29.8	17.8 N	900
P/2009 O3	2009 08 30.67068	01 50 55.91	+08 11 27.9		900
P/2009 O3	2009 08 30.98095	01 51 00.27	+08 09 19.7	17.9 N	204
P/2009 O3	2009 08 31.06981	01 51 01.37	+08 08 43.4		204
P/2009 O3	2009 08 31.31494	01 51 04.49	+08 07 04.2	18.9 N	H45
P/2009 O3	2009 08 31.31642	01 51 04.69	+08 07 02.3	18.9 N	H45
P/2009 O3	2009 08 31.31913	01 51 04.78	+08 07 01.4	18.8 N	H45
P/2009 O3	2009 08 31.32115	01 51 04.86	+08 07 01.2	18.8 N	H45
P/2009 O3	2009 08 31.32383	01 51 04.88	+08 06 59.7	18.6 N	H45
P/2009 O3	2009 08 31.32598	01 51 04.89	+08 06 58.6	18.9 N	H45
P/2009 O3	2009 09 01.09078	01 51 14.50	+08 01 38.0	18.1 N	118
P/2009 O3	2009 09 01.09410	01 51 14.53	+08 01 36.4	18.0 N	118
P/2009 O3	2009 09 01.10163	01 51 14.64	+08 01 32.7		118
P/2009 O3	2009 09 06.03497	01 51 57.70	+07 24 56.6	18.6 N	118
P/2009 O3	2009 09 06.03794	01 51 57.75	+07 24 56.0	18.4 N	118
P/2009 O3	2009 09 06.04276	01 51 57.67	+07 24 52.5		118
P/2009 O3	2009 09 12.30807	01 52 04.05	+06 33 10.9	18.1 T	704
P/2009 O3	2009 09 12.31940	01 52 04.03	+06 33 04.9	18.9 T	704
P/2009 O3	2009 09 12.33075	01 52 03.98	+06 32 59.2	18.6 T	704
P/2009 O3	2009 09 12.34218	01 52 03.94	+06 32 53.1	18.4 T	704
P/2009 O3	2009 09 14.01844	01 51 56.74	+06 18 09.1	18.0 N	J51
P/2009 O3	2009 09 14.06296	01 51 56.44	+06 17 45.7	18.0 N	J51

P/2009 O3	2009 09 14.10747	01 51 56.14	+06 17 22.1	18.0 N	J51
P/2009 O3	2009 09 15.23024	01 51 49.29	+06 07 19.9	17.6 N	H10
P/2009 O3	2009 09 15.23451	01 51 49.28	+06 07 17.1	17.7 N	H10
P/2009 O3	2009 09 16.63241	01 51 38.25	+05 54 34.6	17.7 T	900
P/2009 O3	2009 09 16.63956	01 51 38.15	+05 54 30.0		900
P/2009 O3	2009 09 17.30336	01 51 32.02	+05 48 23.5	18.3 T	691
P/2009 O3	2009 09 17.32098	01 51 31.91	+05 48 14.4	18.6 T	691
P/2009 O3	2009 09 17.33858	01 51 31.72	+05 48 04.7	18.5 T	691
P/2009 O3	2009 09 20.28381	01 50 58.72	+05 20 31.1	18.5 T	704
P/2009 O3	2009 09 20.29550	01 50 58.48	+05 20 22.2	18.7 T	704
P/2009 O3	2009 09 20.30718	01 50 58.28	+05 20 16.0	18.8 T	704
P/2009 O3	2009 09 20.31889	01 50 58.12	+05 20 09.2	19.0 T	704
P/2009 O3	2009 09 20.33069	01 50 57.91	+05 20 02.0	19.2 T	704
P/2009 O3	2009 09 22.00294	01 50 34.66	+05 04 03.0	18.1 N	585
P/2009 O3	2009 09 22.00588	01 50 34.50	+05 04 00.4	18.2 N	585
P/2009 O3	2009 09 22.01663	01 50 34.33	+05 03 54.9	18.2 N	585
P/2009 O3	2009 09 23.01994	01 50 19.03	+04 54 14.6	18.1 N	130
P/2009 O3	2009 09 23.02255	01 50 18.96	+04 54 13.5	18.4 N	130
P/2009 O3	2009 09 23.02576	01 50 18.83	+04 54 09.9	18.4 N	130
P/2009 O3	2009 09 23.02857	01 50 18.81	+04 54 08.2	18.2 N	130
P/2009 O3	2009 09 23.97458	01 50 03.42	+04 44 56.5	16.7 N	B49
P/2009 O3	2009 09 23.98747	01 50 03.17	+04 44 49.9	18.0 N	B49
P/2009 O3	2009 09 24.61490	01 49 52.51	+04 38 43.6	17.6 T	900
P/2009 O3	2009 09 24.62204	01 49 52.34	+04 38 39.6		900
P/2009 O3	2009 09 24.71932	01 49 50.47	+04 37 42.8	17.9 T	349
P/2009 O3	2009 09 24.72377	01 49 50.35	+04 37 40.5		349
P/2009 O3	2009 09 24.95342	01 49 46.54	+04 35 26.0	19.1 N	J28
P/2009 O3	2009 09 24.97479	01 49 46.16	+04 35 13.7	18.5 N	J28
P/2009 O3	2009 09 25.85122	01 49 30.23	+04 26 36.1	17.1 N	585
P/2009 O3	2009 09 25.85855	01 49 30.06	+04 26 33.1	16.9 N	585
P/2009 O3	2009 09 25.86149	01 49 30.04	+04 26 30.2	17.0 N	585
P/2009 O3	2009 09 25.87049	01 49 29.84	+04 26 26.1	16.3 N	585
P/2009 O3	2009 09 27.95015	01 48 49.06	+04 05 56.2	18.9 N	B33
P/2009 O3	2009 09 27.95470	01 48 48.96	+04 05 53.7	19.1 N	B33
P/2009 O3	2009 09 27.95812	01 48 48.97	+04 05 52.0	18.7 N	B33
P/2009 O3	2009 09 28.04816	01 48 46.96	+04 04 57.6	17.8 N	B01
P/2009 O3	2009 09 28.05904	01 48 46.72	+04 04 51.2	17.8 N	B01
P/2009 O3	2009 09 28.06991	01 48 46.47	+04 04 45.0	17.8 N	B01
P/2009 O3	2009 09 28.08157	01 48 46.21	+04 04 38.1	17.9 N	B01
P/2009 O3	2009 09 29.29684	01 48 20.45	+03 52 37.6	18.7 N	850
P/2009 O3	2009 09 29.31180	01 48 20.22	+03 52 28.1	18.7 N	850
P/2009 O3	2009 09 29.32672	01 48 19.83	+03 52 18.6	18.7 N	850
P/2009 O3	2009 09 30.28056	01 47 58.91	+03 42 52.8	18.6 N	850
P/2009 O3	2009 09 30.34059	01 47 57.63	+03 42 15.9	18.2 N	850

C/2009 O4 (Hill)

C/2009 O4	2009 08 13.89609	00 27 19.19	+02 05 53.5	16.2 N	B18
C/2009 O4	2009 08 13.89760	00 27 19.12	+02 05 51.3	16.2 N	B18
C/2009 O4	2009 08 13.90369	00 27 18.89	+02 05 41.8	16.2 N	B18
C/2009 O4	2009 08 13.90521	00 27 18.84	+02 05 38.9	16.2 N	B18
C/2009 O4	2009 08 13.90672	00 27 18.79	+02 05 36.4	16.2 N	B18
C/2009 O4	2009 08 13.90825	00 27 18.80	+02 05 34.0	16.4 N	B18
C/2009 O4	2009 08 14.90493	00 26 41.88	+01 38 37.4	16.0 N	B18

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C/2009 O4	2009 08 14.90575	00 26 41.86	+01 38 36.0	16.1 N	B18
C/2009 O4	2009 08 14.90656	00 26 41.83	+01 38 34.6	16.0 N	B18
C/2009 O4	2009 08 14.90737	00 26 41.79	+01 38 33.3	16.1 N	B18
C/2009 O4	2009 08 14.90819	00 26 41.77	+01 38 31.9	16.0 N	B18
C/2009 O4	2009 08 14.90902	00 26 41.72	+01 38 30.8	16.0 N	B18
C/2009 O4	2009 08 14.90983	00 26 41.69	+01 38 29.3	16.1 N	B18
C/2009 O4	2009 08 14.91064	00 26 41.65	+01 38 27.8	16.1 N	B18
C/2009 O4	2009 08 14.91145	00 26 41.63	+01 38 26.6	16.0 N	B18
C/2009 O4	2009 08 14.91358	00 26 41.54	+01 38 23.3	16.0 N	B18
C/2009 O4	2009 08 14.91602	00 26 41.44	+01 38 18.7	16.0 N	B18
C/2009 O4	2009 08 14.91846	00 26 41.35	+01 38 14.9	16.0 N	B18
C/2009 O4	2009 08 14.92090	00 26 41.27	+01 38 11.1	16.0 N	B18
C/2009 O4	2009 08 14.94044	00 26 40.49	+01 37 39.0	16.0 N	B18
C/2009 O4	2009 08 19.00763	00 23 51.60	-00 18 02.5	16.7 N	473
C/2009 O4	2009 08 19.01041	00 23 51.47	-00 18 07.4	16.7 N	473
C/2009 O4	2009 08 19.99147	00 23 06.40	-00 47 22.8	15.8 N	A71
C/2009 O4	2009 08 19.99360	00 23 06.30	-00 47 27.2	15.8 N	A71
C/2009 O4	2009 08 19.99573	00 23 06.17	-00 47 30.8	15.7 N	A71
C/2009 O4	2009 08 19.99787	00 23 06.08	-00 47 34.6	15.8 N	A71
C/2009 O4	2009 08 20.00005	00 23 05.97	-00 47 38.5	15.8 N	A71
C/2009 O4	2009 08 20.00219	00 23 05.87	-00 47 42.5	15.8 N	A71
C/2009 O4	2009 08 20.94109	00 22 21.08	-01 16 13.1	17.8 N	561
C/2009 O4	2009 08 20.94537	00 22 20.87	-01 16 19.9	17.7 N	561
C/2009 O4	2009 08 20.94954	00 22 20.63	-01 16 28.4	17.8 N	561
C/2009 O4	2009 08 22.05350	00 21 25.44	-01 50 28.6	14.6 T	A60
C/2009 O4	2009 08 22.08149	00 21 24.16	-01 51 20.2	14.7 T	A60
C/2009 O4	2009 08 22.10955	00 21 22.73	-01 52 13.4	15.3 T	A60
C/2009 O4	2009 08 23.00486	00 20 36.97	-02 20 29.5	17.3 N	473
C/2009 O4	2009 08 24.91829	00 18 53.81	-03 22 04.8	17.9 N	561
C/2009 O4	2009 08 24.92477	00 18 53.41	-03 22 17.8	17.9 N	561
C/2009 O4	2009 08 24.92905	00 18 53.19	-03 22 24.2	17.9 N	561
C/2009 O4	2009 08 25.66035	00 18 12.00	-03 46 25.7	16.2 N	400
C/2009 O4	2009 08 25.67387	00 18 11.16	-03 46 52.3	15.9 N	400
C/2009 O4	2009 08 25.68289	00 18 10.64	-03 47 10.5	16.2 N	400
C/2009 O4	2009 08 25.94912	00 17 55.46	-03 55 59.6	17.2 N	585
C/2009 O4	2009 08 25.94955	00 17 55.45	-03 56 01.3	17.1 N	585
C/2009 O4	2009 08 25.94997	00 17 55.45	-03 56 01.5	17.1 N	585
C/2009 O4	2009 08 25.95039	00 17 55.37	-03 56 02.4	17.0 N	585
C/2009 O4	2009 08 25.95082	00 17 55.36	-03 56 02.8	17.1 N	585
C/2009 O4	2009 08 25.95124	00 17 55.35	-03 56 03.6	17.0 N	585
C/2009 O4	2009 08 27.92986	00 15 58.27	-05 02 36.9	16.2 N	473
C/2009 O4	2009 08 29.76793	00 14 03.24	-06 05 56.1	16.2 N	D25
C/2009 O4	2009 08 29.98912	00 13 49.12	-06 13 46.1	15.7 N	A71
C/2009 O4	2009 08 29.99350	00 13 48.86	-06 13 55.6	15.7 N	A71
C/2009 O4	2009 08 29.99787	00 13 48.55	-06 14 04.7	15.8 N	A71
C/2009 O4	2009 08 30.00228	00 13 48.28	-06 14 13.4	15.8 N	A71
C/2009 O4	2009 08 30.00666	00 13 47.97	-06 14 22.1	15.8 N	A71
C/2009 O4	2009 08 30.01106	00 13 47.67	-06 14 32.4	15.7 N	A71
C/2009 O4	2009 08 30.02880	00 13 46.47	-06 15 08.2	17.3 N	585
C/2009 O4	2009 08 30.03065	00 13 46.40	-06 15 13.1	16.8 N	585
C/2009 O4	2009 08 30.03323	00 13 46.19	-06 15 19.6	17.1 N	585
C/2009 O4	2009 08 30.03470	00 13 46.09	-06 15 21.8	17.3 N	585
C/2009 O4	2009 08 30.03617	00 13 46.03	-06 15 25.7	17.1 N	585

C/2009 O4	2009 08 30.03763	00 13 45.90	-06 15 28.4	17.1 N	585
C/2009 O4	2009 08 30.03911	00 13 45.78	-06 15 31.2	17.2 N	585
C/2009 O4	2009 08 30.04664	00 13 45.28	-06 15 46.4	17.2 N	585
C/2009 O4	2009 08 30.09084	00 13 42.45	-06 17 20.5	16.0 N	945
C/2009 O4	2009 08 30.09221	00 13 42.41	-06 17 22.9	16.0 N	945
C/2009 O4	2009 08 30.09666	00 13 42.02	-06 17 32.6	16.0 N	945
C/2009 O4	2009 08 30.10061	00 13 41.84	-06 17 40.7	16.0 N	945
C/2009 O4	2009 08 30.10234	00 13 41.71	-06 17 44.2	16.0 N	945
C/2009 O4	2009 08 30.63209	00 13 07.37	-06 36 20.3		900
C/2009 O4	2009 08 30.63922	00 13 06.89	-06 36 35.4	16.3 N	900
C/2009 O4	2009 08 31.01191	00 12 42.36	-06 49 46.3	16.2 N	J38
C/2009 O4	2009 08 31.01282	00 12 42.29	-06 49 48.2	16.1 N	J38
C/2009 O4	2009 08 31.01373	00 12 42.24	-06 49 50.0	16.1 N	J38
C/2009 O4	2009 08 31.02208	00 12 41.59	-06 50 08.8	15.9 N	945
C/2009 O4	2009 08 31.02556	00 12 41.40	-06 50 16.3	15.9 N	945
C/2009 O4	2009 08 31.03093	00 12 41.02	-06 50 27.8	15.9 N	945
C/2009 O4	2009 08 31.03620	00 12 40.72	-06 50 39.0	15.9 N	945
C/2009 O4	2009 08 31.03851	00 12 40.57	-06 50 43.9	15.9 N	945
C/2009 O4	2009 08 31.06448	00 12 38.72	-06 51 37.7	16.0 N	B74
C/2009 O4	2009 08 31.06836	00 12 38.49	-06 51 46.7	16.1 N	B74
C/2009 O4	2009 08 31.07528	00 12 38.03	-06 52 01.5	16.1 N	B74
C/2009 O4	2009 08 31.29247	00 12 23.70	-06 59 42.6	15.9 N	H45
C/2009 O4	2009 08 31.29358	00 12 23.61	-06 59 45.4	15.9 N	H45
C/2009 O4	2009 08 31.29437	00 12 23.56	-06 59 47.0	16.0 N	H45
C/2009 O4	2009 08 31.29572	00 12 23.47	-06 59 50.0	16.0 N	H45
C/2009 O4	2009 08 31.29668	00 12 23.39	-06 59 51.6	16.0 N	H45
C/2009 O4	2009 08 31.29756	00 12 23.34	-06 59 53.8	16.0 N	H45
C/2009 O4	2009 08 31.67292	00 11 58.13	-07 13 15.6	15.1 T	349
C/2009 O4	2009 08 31.67545	00 11 57.96	-07 13 20.9		349
C/2009 O4	2009 08 31.67795	00 11 57.80	-07 13 26.2		349
C/2009 O4	2009 09 02.27055	00 10 08.66	-08 10 44.2	16.1 N	H45
C/2009 O4	2009 09 02.27214	00 10 08.54	-08 10 47.5	16.2 N	H45
C/2009 O4	2009 09 02.27349	00 10 08.43	-08 10 50.4	16.2 N	H45
C/2009 O4	2009 09 02.27455	00 10 08.39	-08 10 52.8	16.2 N	H45
C/2009 O4	2009 09 02.27548	00 10 08.31	-08 10 54.1	16.2 N	H45
C/2009 O4	2009 09 02.27637	00 10 08.21	-08 10 56.2	16.3 N	H45
C/2009 O4	2009 09 02.35618	00 10 02.48	-08 13 49.6	15.6 N	H47
C/2009 O4	2009 09 02.36565	00 10 01.78	-08 14 10.8	15.5 N	H47
C/2009 O4	2009 09 02.37313	00 10 01.25	-08 14 26.6	15.6 N	H47
C/2009 O4	2009 09 02.50449	00 09 52.25	-08 19 09.0	18.6 N	E85
C/2009 O4	2009 09 02.50737	00 09 52.09	-08 19 14.5	17.6 N	E85
C/2009 O4	2009 09 02.51027	00 09 51.86	-08 19 21.1	17.5 N	E85
C/2009 O4	2009 09 03.99824	00 08 05.55	-09 13 51.6	16.0 N	J51
C/2009 O4	2009 09 04.00387	00 08 05.13	-09 14 04.5	16.2 N	J51
C/2009 O4	2009 09 04.00950	00 08 04.72	-09 14 17.6	16.3 N	J51
C/2009 O4	2009 09 05.05756	00 06 47.44	-09 53 02.5	15.8 N	J24
C/2009 O4	2009 09 05.06248	00 06 47.18	-09 53 14.8	16.2 N	J24
C/2009 O4	2009 09 05.06759	00 06 46.81	-09 53 26.0	16.0 N	J24
C/2009 O4	2009 09 05.59997	00 06 07.13	-10 13 15.4	15.4 T	349
C/2009 O4	2009 09 05.60156	00 06 06.97	-10 13 18.3		349
C/2009 O4	2009 09 06.63812	00 04 48.17	-10 52 05.0		900
C/2009 O4	2009 09 06.64177	00 04 47.89	-10 52 13.4	16.0 N	900
C/2009 O4	2009 09 07.62838	00 03 31.52	-11 29 22.7	14.9 T	349

C/2009 O4	2009 09 07.63181	00 03 31.23	-11 29 30.2		349	C/2009 O4	2009 09 14.10490	23 54 36.77	-15 36 49.9	15.5 N	J24
C/2009 O4	2009 09 07.63521	00 03 30.98	-11 29 38.1		349	C/2009 O4	2009 09 14.10738	23 54 36.58	-15 36 55.1	15.5 N	J24
C/2009 O4	2009 09 08.97950	00 01 44.44	-12 20 35.0	15.5 N	585	C/2009 O4	2009 09 15.05915	23 53 13.99	-16 13 21.8	15.8 N	I21
C/2009 O4	2009 09 08.98032	00 01 44.45	-12 20 37.1	15.8 N	585	C/2009 O4	2009 09 15.07118	23 53 13.05	-16 13 51.4	16.5 N	I21
C/2009 O4	2009 09 08.98263	00 01 44.30	-12 20 42.6	15.8 N	585	C/2009 O4	2009 09 15.08999	23 53 11.29	-16 14 34.1	16.3 N	I21
C/2009 O4	2009 09 08.98394	00 01 44.14	-12 20 45.5	15.8 N	585	C/2009 O4	2009 09 16.22679	23 51 30.92	-16 58 10.6	15.1 T	703
C/2009 O4	2009 09 08.98991	00 01 43.67	-12 20 59.0	15.8 N	585	C/2009 O4	2009 09 16.23406	23 51 30.27	-16 58 26.9	15.0 T	703
C/2009 O4	2009 09 08.99071	00 01 43.59	-12 21 00.6	15.7 N	585	C/2009 O4	2009 09 16.24135	23 51 29.62	-16 58 44.4	15.0 T	703
C/2009 O4	2009 09 08.99149	00 01 43.52	-12 21 03.0	16.0 N	585	C/2009 O4	2009 09 16.24874	23 51 28.98	-16 59 02.2	15.1 T	703
C/2009 O4	2009 09 08.99229	00 01 43.40	-12 21 05.2	16.0 N	585	C/2009 O4	2009 09 16.26682	23 51 27.32	-16 59 44.4	15.1 T	703
C/2009 O4	2009 09 08.99306	00 01 43.39	-12 21 06.6	15.7 N	585	C/2009 O4	2009 09 16.27293	23 51 26.78	-16 59 57.7	15.1 T	703
C/2009 O4	2009 09 08.99382	00 01 43.32	-12 21 08.1	15.8 N	585	C/2009 O4	2009 09 16.28495	23 51 25.66	-17 00 25.7	15.2 T	703
C/2009 O4	2009 09 09.42423	00 01 08.62	-12 37 28.8	14.7 T	H10	C/2009 O4	2009 09 16.51765	23 51 05.06	-17 09 20.0	18.5 N	E85
C/2009 O4	2009 09 09.42832	00 01 08.29	-12 37 38.5		H10	C/2009 O4	2009 09 16.52123	23 51 04.73	-17 09 27.6	18.8 N	E85
C/2009 O4	2009 09 09.43226	00 01 07.93	-12 37 48.2		H10	C/2009 O4	2009 09 16.52484	23 51 04.40	-17 09 36.3	18.5 N	E85
C/2009 O4	2009 09 11.02432	23 58 57.94	-13 38 38.6	15.6 N	945	C/2009 O4	2009 09 19.01052	23 47 20.35	-18 44 31.9	15.8 N	212
C/2009 O4	2009 09 11.02574	23 58 57.71	-13 38 39.6	15.5 N	945	C/2009 O4	2009 09 19.01205	23 47 20.20	-18 44 35.1	15.8 N	212
C/2009 O4	2009 09 11.03079	23 58 57.22	-13 38 51.9	15.7 N	945	C/2009 O4	2009 09 19.01509	23 47 19.92	-18 44 42.1	15.8 N	212
C/2009 O4	2009 09 11.03970	23 58 56.61	-13 39 11.9	15.6 N	945	C/2009 O4	2009 09 19.59807	23 46 26.67	-19 06 48.3		352
C/2009 O4	2009 09 11.04102	23 58 56.47	-13 39 12.5	15.5 N	945	C/2009 O4	2009 09 19.60154	23 46 26.43	-19 06 56.4		352
C/2009 O4	2009 09 11.06373	23 58 54.67	-13 40 07.0	17.0 N	J47	C/2009 O4	2009 09 19.60501	23 46 26.11	-19 07 03.2		352
C/2009 O4	2009 09 11.06657	23 58 54.46	-13 40 13.5	16.9 N	J47	C/2009 O4	2009 09 19.62739	23 46 23.92	-19 07 53.5	15.9 N	900
C/2009 O4	2009 09 11.06835	23 58 54.28	-13 40 17.5	17.0 N	J47	C/2009 O4	2009 09 19.62989	23 46 23.77	-19 07 59.3		900
C/2009 O4	2009 09 11.06897	23 58 54.20	-13 40 18.8	17.1 N	J47	C/2009 O4	2009 09 19.92713	23 45 56.55	-19 19 14.4	15.7 N	235
C/2009 O4	2009 09 11.13598	23 58 48.54	-13 42 52.9	15.7 N	J24	C/2009 O4	2009 09 20.01001	23 45 48.82	-19 22 22.7		204
C/2009 O4	2009 09 11.13906	23 58 48.28	-13 42 59.8	15.7 N	J24	C/2009 O4	2009 09 20.02259	23 45 47.62	-19 22 50.7	15.8 N	204
C/2009 O4	2009 09 11.14222	23 58 48.01	-13 43 07.0	15.7 N	J24	C/2009 O4	2009 09 20.12718	23 45 38.16	-19 26 43.1		I21
C/2009 O4	2009 09 11.96835	23 57 39.21	-14 14 47.6	16.2 N	160	C/2009 O4	2009 09 20.14475	23 45 36.45	-19 27 21.6		I21
C/2009 O4	2009 09 11.97350	23 57 38.77	-14 14 59.3	16.3 N	160	C/2009 O4	2009 09 20.70351	23 44 44.84	-19 48 25.0	14.8 T	D90
C/2009 O4	2009 09 11.97861	23 57 38.32	-14 15 11.1	16.6 N	160	C/2009 O4	2009 09 20.70560	23 44 44.63	-19 48 29.7		D90
C/2009 O4	2009 09 11.98233	23 57 38.10	-14 15 21.1	16.0 N	J10	C/2009 O4	2009 09 20.70769	23 44 44.43	-19 48 34.6		D90
C/2009 O4	2009 09 11.98633	23 57 37.78	-14 15 28.4	15.6 N	J10	C/2009 O4	2009 09 21.94074	23 42 50.27	-20 34 51.3	15.8 N	585
C/2009 O4	2009 09 11.98899	23 57 37.34	-14 15 35.4	15.7 N	J10	C/2009 O4	2009 09 21.94339	23 42 50.01	-20 34 57.9	15.8 N	585
C/2009 O4	2009 09 12.08430	23 57 29.48	-14 19 07.6	16.6 N	I21	C/2009 O4	2009 09 21.94613	23 42 49.75	-20 35 03.8	15.8 N	585
C/2009 O4	2009 09 12.18700	23 57 20.75	-14 23 03.9	17.0 N	I21	C/2009 O4	2009 09 21.94836	23 42 49.52	-20 35 09.4	15.9 N	585
C/2009 O4	2009 09 12.39565	23 57 03.00	-14 31 10.7	16.1 N	H10	C/2009 O4	2009 09 21.94936	23 42 49.48	-20 35 11.0	16.0 N	585
C/2009 O4	2009 09 12.40223	23 57 02.45	-14 31 25.1	16.2 N	H10	C/2009 O4	2009 09 21.95036	23 42 49.40	-20 35 13.3	15.9 N	585
C/2009 O4	2009 09 12.41025	23 57 01.75	-14 31 43.4	16.3 N	H10	C/2009 O4	2009 09 21.95137	23 42 49.30	-20 35 15.9	15.9 N	585
C/2009 O4	2009 09 12.90842	23 56 19.73	-14 50 51.7	15.5 N	235	C/2009 O4	2009 09 21.95237	23 42 49.20	-20 35 17.4	15.8 N	585
C/2009 O4	2009 09 13.03245	23 56 09.11	-14 55 36.7	15.9 N	J51	C/2009 O4	2009 09 21.95486	23 42 48.93	-20 35 23.6	15.9 N	585
C/2009 O4	2009 09 13.03789	23 56 08.65	-14 55 49.1	15.6 N	J51	C/2009 O4	2009 09 21.95688	23 42 48.76	-20 35 27.4	15.9 N	585
C/2009 O4	2009 09 13.04382	23 56 08.15	-14 56 02.7	15.6 N	J51	C/2009 O4	2009 09 21.96111	23 42 48.33	-20 35 37.8	15.9 N	585
C/2009 O4	2009 09 13.53086	23 55 26.60	-15 14 45.9	15.5 T	367	C/2009 O4	2009 09 21.96211	23 42 48.24	-20 35 38.9	15.8 N	585
C/2009 O4	2009 09 13.53520	23 55 26.21	-15 14 55.9		367	C/2009 O4	2009 09 22.01185	23 42 43.73	-20 37 30.9	15.7 N	945
C/2009 O4	2009 09 13.59008	23 55 21.40	-15 17 02.7		900	C/2009 O4	2009 09 22.01340	23 42 43.49	-20 37 34.3	15.7 N	945
C/2009 O4	2009 09 13.59375	23 55 21.09	-15 17 11.1	16.0 N	900	C/2009 O4	2009 09 22.02130	23 42 42.76	-20 37 52.4	15.8 N	945
C/2009 O4	2009 09 13.61946	23 55 18.91	-15 18 05.2		D25	C/2009 O4	2009 09 22.02463	23 42 42.45	-20 37 59.9	15.8 N	945
C/2009 O4	2009 09 13.62062	23 55 18.83	-15 18 08.2		D25	C/2009 O4	2009 09 22.54400	23 41 54.00	-20 57 11.4	17.3 N	474
C/2009 O4	2009 09 13.62179	23 55 18.72	-15 18 10.8	15.1 T	D25	C/2009 O4	2009 09 22.54632	23 41 53.82	-20 57 17.3	17.0 N	474
C/2009 O4	2009 09 13.68846	23 55 12.77	-15 20 49.1	15.0 T	349	C/2009 O4	2009 09 22.54941	23 41 53.51	-20 57 24.0	16.9 N	474
C/2009 O4	2009 09 13.69027	23 55 12.62	-15 20 53.4		349	C/2009 O4	2009 09 23.87725	23 39 49.37	-21 46 30.9	16.5 T	215
C/2009 O4	2009 09 13.69207	23 55 12.44	-15 20 57.9		349	C/2009 O4	2009 09 23.87831	23 39 49.27	-21 46 33.2	16.5 T	215
C/2009 O4	2009 09 14.10182	23 54 37.06	-15 36 42.8	15.5 N	J24	C/2009 O4	2009 09 23.87937	23 39 49.19	-21 46 36.0	16.7 T	215

C/2009 O4	2009 09 24.26752	23 39 12.60	-22 00 49.2		703
C/2009 O4	2009 09 24.27316	23 39 12.09	-22 01 01.7		703
C/2009 O4	2009 09 24.27880	23 39 11.49	-22 01 13.8	15.5 T	703
C/2009 O4	2009 09 24.28435	23 39 10.95	-22 01 26.0		703
C/2009 O4	2009 09 24.57868	23 38 43.39	-22 12 10.3		900
C/2009 O4	2009 09 24.58581	23 38 42.69	-22 12 25.7	16.0 N	900
C/2009 O4	2009 09 24.86980	23 38 16.03	-22 22 46.0	15.4 T	A77
C/2009 O4	2009 09 24.87604	23 38 15.45	-22 22 58.9	15.0 T	A77
C/2009 O4	2009 09 24.88228	23 38 14.87	-22 23 12.7	15.0 T	A77
C/2009 O4	2009 09 25.80051	23 36 48.36	-22 56 27.0	16.0 N	585
C/2009 O4	2009 09 25.80280	23 36 47.99	-22 56 33.4	15.9 N	585
C/2009 O4	2009 09 25.80417	23 36 47.92	-22 56 35.3	16.3 N	585
C/2009 O4	2009 09 25.80617	23 36 47.77	-22 56 40.5	16.3 N	585
C/2009 O4	2009 09 25.80817	23 36 47.60	-22 56 44.8	16.3 N	585
C/2009 O4	2009 09 25.80917	23 36 47.39	-22 56 46.6	16.4 N	585
C/2009 O4	2009 09 25.81017	23 36 47.38	-22 56 48.8	16.4 N	585
C/2009 O4	2009 09 25.81117	23 36 47.27	-22 56 50.2	16.0 N	585
C/2009 O4	2009 09 25.94652	23 36 34.41	-23 01 42.2	16.5 N	J59
C/2009 O4	2009 09 25.95442	23 36 33.69	-23 01 59.5	16.7 N	J59
C/2009 O4	2009 09 25.96354	23 36 32.77	-23 02 19.4	16.1 N	J59
C/2009 O4	2009 09 27.95057	23 33 24.90	-24 12 55.3	16.0 N	J38
C/2009 O4	2009 09 27.95149	23 33 24.81	-24 12 57.5	15.9 N	J38
C/2009 O4	2009 09 27.95321	23 33 24.69	-24 13 01.2	16.1 N	J38

C/2009 P1 (Garradd)

C/2009 P1	2009 08 30.52769	00 05 21.31	-45 38 42.4	17.7 T	423
C/2009 P1	2009 08 30.54838	00 05 20.40	-45 38 46.4	16.9 T	423
C/2009 P1	2009 08 31.54140	00 04 37.94	-45 42 03.5	17.8 T	423
C/2009 P1	2009 08 31.58014	00 04 36.24	-45 42 11.7	17.6 T	423
C/2009 P1	2009 08 31.75615	00 04 28.54	-45 42 44.8	17.0 T	D90
C/2009 P1	2009 08 31.75932	00 04 28.40	-45 42 45.6		D90
C/2009 P1	2009 08 31.76249	00 04 28.27	-45 42 46.2	18.1 N	D90
C/2009 P1	2009 09 02.34094	00 03 20.06	-45 47 46.3	16.8 N	E94
C/2009 P1	2009 09 02.34978	00 03 19.38	-45 47 50.5	17.2 N	E94
C/2009 P1	2009 09 02.35861	00 03 19.30	-45 47 48.2	17.0 N	E94
C/2009 P1	2009 09 02.36744	00 03 19.08	-45 47 53.3	17.3 N	E94
C/2009 P1	2009 09 02.37630	00 03 18.80	-45 47 53.1	17.2 N	E94
C/2009 P1	2009 09 09.67022	23 57 49.60	-46 08 09.1	17.7 T	1 E12
C/2009 P1	2009 09 09.67267	23 57 49.47	-46 08 10.0	17.4 T	1 E12
C/2009 P1	2009 09 10.62569	23 57 05.38	-46 10 24.4	16.5 T	D90
C/2009 P1	2009 09 10.62762	23 57 05.29	-46 10 25.1		D90
C/2009 P1	2009 09 11.29929	23 56 33.93	-46 11 58.7	18.2 N	I19
C/2009 P1	2009 09 11.30498	23 56 33.62	-46 11 59.2	18.1 N	I19
C/2009 P1	2009 09 11.31068	23 56 33.32	-46 12 01.3	18.4 N	I19
C/2009 P1	2009 09 11.52884	23 56 23.28	-46 12 30.1	18.0 T	423
C/2009 P1	2009 09 11.56307	23 56 21.66	-46 12 35.1	17.5 T	423
C/2009 P1	2009 09 12.54723	23 55 35.50	-46 14 44.1	17.8 T	423
C/2009 P1	2009 09 12.58221	23 55 33.92	-46 14 48.5	17.5 T	423
C/2009 P1	2009 09 13.29945	23 54 59.85	-46 16 21.0		I21
C/2009 P1	2009 09 13.32014	23 54 58.99	-46 16 22.3	17.7 N	I21
C/2009 P1	2009 09 13.45200	23 54 53.02	-46 16 37.3	17.6 T	423
C/2009 P1	2009 09 13.47344	23 54 51.96	-46 16 40.6	17.4 T	423
C/2009 P1	2009 09 13.60553	23 54 45.65	-46 16 55.8		D25

C/2009 P1	2009 09 13.60948	23 54 45.48	-46 16 56.5		D25
C/2009 P1	2009 09 13.61348	23 54 45.28	-46 16 56.9	17.0 T	D25
C/2009 P1	2009 09 14.07391	23 54 23.31	-46 17 53.2	17.5 N	J24
C/2009 P1	2009 09 14.08477	23 54 22.76	-46 17 55.2	17.5 N	J24
C/2009 P1	2009 09 14.09455	23 54 22.47	-46 17 57.8	17.3 N	J24
C/2009 P1	2009 09 15.13489	23 53 33.01	-46 19 54.0		I21
C/2009 P1	2009 09 15.14679	23 53 32.55	-46 19 59.4	17.6 N	I21
C/2009 P1	2009 09 15.15640	23 53 32.43	-46 19 59.5		I21
C/2009 P1	2009 09 18.56171	23 50 49.47	-46 25 41.0	17.5 N	1 E12
C/2009 P1	2009 09 19.50872	23 50 04.01	-46 27 01.9	17.6 T	423
C/2009 P1	2009 09 19.54558	23 50 02.17	-46 27 05.8	17.7 T	423
C/2009 P1	2009 09 19.54705	23 50 02.11	-46 27 04.2	16.5 T	D90
C/2009 P1	2009 09 19.55236	23 50 01.86	-46 27 03.9		D90
C/2009 P1	2009 09 22.55833	23 47 36.90	-46 30 42.0	18.8 N	474
C/2009 P1	2009 09 22.56042	23 47 36.82	-46 30 42.8	18.9 N	474
C/2009 P1	2009 09 22.56314	23 47 36.68	-46 30 43.0	19.3 N	474
C/2009 P1	2009 09 22.56470	23 47 36.58	-46 30 42.5	18.7 N	474
C/2009 P1	2009 09 24.48054	23 46 04.26	-46 32 28.7	17.4 T	423
C/2009 P1	2009 09 24.52192	23 46 02.22	-46 32 30.6	17.8 T	423
C/2009 P1	2009 09 25.50819	23 45 14.67	-46 33 14.3	17.5 T	423
C/2009 P1	2009 09 25.54281	23 45 12.92	-46 33 16.5	17.6 T	423

C/2009 P2 = 2008 TQ₁₃₇ = 2008 VP₂₈ (Boattini)

C/2009 P2	2008 10 01.37999	01 19 34.60	+20 50 19.4	19.9 N	G96
C/2009 P2	2008 10 01.38499	01 19 34.35	+20 50 18.1	19.8 N	G96
C/2009 P2	2008 10 01.38994	01 19 34.03	+20 50 17.2	19.9 N	G96
C/2009 P2	2008 10 01.39495	01 19 33.74	+20 50 15.9	19.5 N	G96
C/2009 P2	2008 10 06.38993	01 14 56.54	+20 31 46.9	19.5 N	703
C/2009 P2	2008 10 06.39602	01 14 56.18	+20 31 47.2	18.8 N	703
C/2009 P2	2008 10 06.40207	01 14 55.71	+20 31 46.9	19.4 N	703
C/2008 TQ ₁₃₇	2008 10 08.35955	01 13 05.98	+20 24 03.6	19.7 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.36463	01 13 05.73	+20 24 02.7	20.0 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.36969	01 13 05.41	+20 24 01.4	19.8 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.37464	01 13 05.12	+20 24 00.3	20.1 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.40323	01 13 03.50	+20 23 53.0	19.8 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.40641	01 13 03.32	+20 23 52.8	19.7 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.40956	01 13 03.18	+20 23 51.7	19.6 N	3 G96
C/2008 TQ ₁₃₇	2008 10 08.41273	01 13 02.96	+20 23 50.9	19.9 N	3 G96
C/2009 P2	2008 10 09.32884	01 12 11.48	+20 20 09.8	19.9 N	G96
C/2009 P2	2008 10 09.33328	01 12 11.23	+20 20 08.8	19.7 N	G96
C/2009 P2	2008 10 09.33780	01 12 10.98	+20 20 07.6	19.8 N	G96
C/2009 P2	2008 10 09.34232	01 12 10.72	+20 20 06.6	20.1 N	G96
C/2008 TQ ₁₃₇	2008 10 09.44316	01 12 04.98	+20 19 41.7		3 291
C/2008 TQ ₁₃₇	2008 10 09.44724	01 12 04.72	+20 19 40.5		3 291
C/2008 TQ ₁₃₇	2008 10 09.45116	01 12 04.53	+20 19 39.7		3 291
C/2008 VP ₂₈	2008 11 02.24835	00 50 11.04	+18 28 55.4	19.7 N	3 703
C/2008 VP ₂₈	2008 11 02.25505	00 50 10.64	+18 28 54.0	19.9 N	3 703
C/2008 VP ₂₈	2008 11 02.26167	00 50 10.32	+18 28 52.0	19.5 N	3 703
C/2008 VP ₂₈	2008 11 02.26836	00 50 09.92	+18 28 49.7	20.3 N	3 703
C/2008 VP ₂₈	2008 11 08.06982	00 45 14.36	+17 59 24.9	19.9 N	3 G96
C/2008 VP ₂₈	2008 11 08.07521	00 45 14.11	+17 59 23.5	19.6 N	3 G96
C/2008 VP ₂₈	2008 11 08.08064	00 45 13.86	+17 59 21.7	19.9 N	3 G96
C/2008 VP ₂₈	2008 11 08.08604	00 45 13.57	+17 59 20.1	20.0 N	3 G96

C/2009 P2	2009 08 20.97373	23 51 34.43	+17 12 19.3	19.4 N	561
C/2009 P2	2009 08 20.97836	23 51 34.18	+17 12 18.0	19.0 N	561
C/2009 P2	2009 08 20.98241	23 51 34.02	+17 12 17.0	19.0 N	561
C/2009 P2	2009 08 21.03958	23 51 30.79	+17 12 06.3	18.7 N	473
C/2009 P2	2009 08 21.04097	23 51 30.73	+17 12 06.1	18.7 N	473
C/2009 P2	2009 08 24.90763	23 47 51.85	+16 59 04.6	19.8 N	473
C/2009 P2	2009 08 24.91041	23 47 51.68	+16 59 04.1	19.8 N	473
C/2009 P2	2009 08 25.92179	23 46 53.36	+16 55 24.3	18.6 N	585
C/2009 P2	2009 08 25.92473	23 46 53.16	+16 55 23.8	18.8 N	585
C/2009 P2	2009 08 25.92620	23 46 53.03	+16 55 22.9	18.4 N	585
C/2009 P2	2009 08 25.92767	23 46 52.87	+16 55 22.4	18.7 N	585
C/2009 P2	2009 08 30.01080	23 42 52.99	+16 39 27.6	18.3 N	585
C/2009 P2	2009 08 30.59555	23 42 18.13	+16 37 02.7		900
C/2009 P2	2009 08 30.60268	23 42 17.71	+16 37 02.1	18.2 T	900
C/2009 P2	2009 08 30.69215	23 42 12.28	+16 36 39.4	19.0 N	372
C/2009 P2	2009 08 31.35970	23 41 32.27	+16 33 51.1	18.7 N	H45
C/2009 P2	2009 08 31.36135	23 41 32.20	+16 33 50.9	18.6 N	H45
C/2009 P2	2009 08 31.37364	23 41 31.48	+16 33 47.4	18.7 N	H45
C/2009 P2	2009 08 31.37623	23 41 31.28	+16 33 48.0	18.7 N	H45
C/2009 P2	2009 08 31.83375	23 41 03.82	+16 31 49.2	17.3 N	B96
C/2009 P2	2009 08 31.84514	23 41 03.17	+16 31 48.7	17.6 N	B96
C/2009 P2	2009 08 31.85368	23 41 02.59	+16 31 47.0	17.9 N	B96
C/2009 P2	2009 09 02.95859	23 38 55.39	+16 22 30.9	18.1 N	J47
C/2009 P2	2009 09 10.61779	23 31 03.97	+15 45 11.9		900
C/2009 P2	2009 09 10.62492	23 31 03.54	+15 45 09.1	18.4 T	900
C/2009 P2	2009 09 11.70387	23 29 56.40	+15 39 27.8	19.5 T	114
C/2009 P2	2009 09 11.70777	23 29 56.09	+15 39 26.4	19.6 T	114
C/2009 P2	2009 09 11.71166	23 29 55.94	+15 39 25.9	19.2 T	114
C/2009 P2	2009 09 11.71554	23 29 55.74	+15 39 24.2	19.2 T	114
C/2009 P2	2009 09 11.71941	23 29 55.49	+15 39 23.3	19.5 T	114
C/2009 P2	2009 09 11.93183	23 29 42.23	+15 38 16.0	18.4 N	160
C/2009 P2	2009 09 12.70252	23 28 54.36	+15 34 06.5	19.1 T	114
C/2009 P2	2009 09 12.70642	23 28 53.95	+15 34 05.9	19.3 T	114
C/2009 P2	2009 09 12.71022	23 28 53.77	+15 34 04.0	19.4 T	114
C/2009 P2	2009 09 12.71409	23 28 53.57	+15 34 02.7	19.4 T	114
C/2009 P2	2009 09 12.71800	23 28 53.36	+15 34 01.6	19.3 T	114
C/2009 P2	2009 09 13.15698	23 28 25.94	+15 31 39.5	18.5 N	H10
C/2009 P2	2009 09 13.16517	23 28 25.46	+15 31 36.6	18.4 N	H10
C/2009 P2	2009 09 13.53689	23 28 02.33	+15 29 34.9		900
C/2009 P2	2009 09 13.54403	23 28 01.82	+15 29 32.5	18.8 T	900
C/2009 P2	2009 09 13.83669	23 27 43.49	+15 27 56.8	18.7 N	A77
C/2009 P2	2009 09 13.84447	23 27 42.92	+15 27 55.1	18.5 N	A77
C/2009 P2	2009 09 13.85384	23 27 42.58	+15 27 50.3	18.6 N	A77
C/2009 P2	2009 09 14.04367	23 27 30.65	+15 26 48.7	18.6 N	J24
C/2009 P2	2009 09 14.04813	23 27 30.30	+15 26 46.9	18.6 N	J24
C/2009 P2	2009 09 14.05626	23 27 29.85	+15 26 43.8	18.5 N	J24
C/2009 P2	2009 09 15.91167	23 25 34.33	+15 16 20.4	18.7 N	J40
C/2009 P2	2009 09 15.93212	23 25 32.99	+15 16 14.3	18.9 N	J40
C/2009 P2	2009 09 15.95052	23 25 31.78	+15 16 08.6	18.9 N	J40
C/2009 P2	2009 09 16.47984	23 24 58.76	+15 13 09.4	19.5 N	E85
C/2009 P2	2009 09 16.48272	23 24 58.58	+15 13 08.3	19.9 N	E85
C/2009 P2	2009 09 16.48564	23 24 58.31	+15 13 06.2	20.4 N	E85
C/2009 P2	2009 09 19.02071	23 22 20.63	+14 58 21.4	18.7 N	B82

C/2009 P2	2009 09	19.02506	23 22 20.41	+14 58 20.2	18.4 N	B82
C/2009 P2	2009 09	19.02723	23 22 20.27	+14 58 19.8	18.2 N	B82
C/2009 P2	2009 09	19.03201	23 22 20.00	+14 58 17.7	19.3 N	160
C/2009 P2	2009 09	19.03487	23 22 19.78	+14 58 17.6	19.3 N	160
C/2009 P2	2009 09	19.86441	23 21 28.41	+14 53 22.3		204
C/2009 P2	2009 09	19.98194	23 21 21.09	+14 52 40.4	18.5 N	204
C/2009 P2	2009 09	20.60240	23 20 42.70	+14 48 58.6	18.4 T	900
C/2009 P2	2009 09	20.60956	23 20 42.23	+14 48 55.2		900
C/2009 P2	2009 09	20.87791	23 20 25.58	+14 47 18.3	19.6 N	B42
C/2009 P2	2009 09	20.88288	23 20 25.26	+14 47 16.5	19.7 N	B42
C/2009 P2	2009 09	20.88786	23 20 24.99	+14 47 14.9	19.3 N	B42
C/2009 P2	2009 09	22.90712	23 18 20.41	+14 34 57.3	18.6 N	J40
C/2009 P2	2009 09	22.91750	23 18 19.87	+14 34 54.7	19.2 N	J40
C/2009 P2	2009 09	22.92781	23 18 19.22	+14 34 50.6	18.5 N	J40
C/2009 P2	2009 09	24.83221	23 16 22.59	+14 23 01.4	17.6 N	A77
C/2009 P2	2009 09	24.83922	23 16 22.12	+14 22 58.1	18.0 N	A77
C/2009 P2	2009 09	24.84703	23 16 21.62	+14 22 55.6	18.0 N	A77
C/2009 P2	2009 09	28.11355	23 13 03.58	+14 02 11.2	18.2 N	850
C/2009 P2	2009 09	28.14340	23 13 01.85	+14 02 00.6	18.0 N	850
C/2009 P2	2009 09	28.17328	23 12 59.86	+14 01 48.5	18.2 N	850

P/2009 Q1 (Hill)

P/2009 Q1	2009 08 29.28385	23 28 04.72	−00 16 18.9		H06
P/2009 Q1	2009 08 29.28574	23 28 04.67	−00 16 19.9		H06
P/2009 Q1	2009 08 29.28764	23 28 04.55	−00 16 20.4	19.1 N	H06
P/2009 Q1	2009 08 29.32120	23 28 03.95	−00 16 37.1	20.0 T	704
P/2009 Q1	2009 08 29.33409	23 28 03.57	−00 16 46.3	20.3 T	704
P/2009 Q1	2009 08 29.34701	23 28 03.21	−00 16 50.6	20.1 T	704
P/2009 Q1	2009 08 29.37300	23 28 02.59	−00 17 03.6	20.6 T	704
P/2009 Q1	2009 08 29.96917	23 27 49.36	−00 22 06.4	18.8 N	A71
P/2009 Q1	2009 08 29.99608	23 27 48.82	−00 22 17.1	18.4 N	585
P/2009 Q1	2009 08 30.00049	23 27 48.78	−00 22 20.1	17.5 N	585
P/2009 Q1	2009 08 31.22299	23 27 20.70	−00 32 40.4	18.8 N	H45
P/2009 Q1	2009 08 31.24116	23 27 20.22	−00 32 50.4	18.8 N	H45
P/2009 Q1	2009 08 31.24248	23 27 20.20	−00 32 51.2	18.6 N	H45
P/2009 Q1	2009 08 31.24558	23 27 20.13	−00 32 51.2	18.9 N	H45
P/2009 Q1	2009 08 31.24839	23 27 20.09	−00 32 51.4	18.9 N	H45
P/2009 Q1	2009 08 31.25133	23 27 19.91	−00 32 52.5	18.9 N	H45
P/2009 Q1	2009 08 31.87404	23 27 05.49	−00 38 15.8	18.3 T	215
P/2009 Q1	2009 08 31.87509	23 27 05.62	−00 38 15.8	18.0 T	215
P/2009 Q1	2009 08 31.87615	23 27 05.62	−00 38 16.0	18.0 T	215
P/2009 Q1	2009 09 10.31484	23 23 08.59	−02 02 09.9	17.5 T	703
P/2009 Q1	2009 09 10.32057	23 23 08.37	−02 02 13.5	17.8 T	703
P/2009 Q1	2009 09 10.32652	23 23 08.26	−02 02 17.2	18.3 T	703
P/2009 Q1	2009 09 10.33241	23 23 08.08	−02 02 20.8	18.1 T	703
P/2009 Q1	2009 09 10.84859	23 22 54.74	−02 07 02.9	19.0 N	585
P/2009 Q1	2009 09 10.86200	23 22 54.46	−02 07 09.3	19.0 N	585
P/2009 Q1	2009 09 10.90887	23 22 53.12	−02 07 35.7	19.1 N	B42
P/2009 Q1	2009 09 11.95376	23 22 25.85	−02 17 05.1	19.3 N	160
P/2009 Q1	2009 09 12.06856	23 22 22.73	−02 18 08.6	19.0 N	213
P/2009 Q1	2009 09 12.07010	23 22 22.69	−02 18 09.5	18.9 N	213
P/2009 Q1	2009 09 12.93743	23 21 59.99	−02 26 06.8	19.0 N	B90
P/2009 Q1	2009 09 13.85710	23 21 36.46	−02 34 25.4	17.8 N	A77

P/2009 Q1	2009 09 13.86178	23 21 36.34	-02 34 30.2	18.5 N	A77
P/2009 Q1	2009 09 13.86644	23 21 36.09	-02 34 31.5	18.5 N	A77
P/2009 Q1	2009 09 13.99985	23 21 32.62	-02 35 44.6	18.7 N	J24
P/2009 Q1	2009 09 14.00854	23 21 32.20	-02 35 48.2	18.4 N	J24
P/2009 Q1	2009 09 14.01722	23 21 32.13	-02 35 53.1	18.5 N	J24
P/2009 Q1	2009 09 15.31735	23 20 58.20	-02 47 42.8		H10
P/2009 Q1	2009 09 15.33031	23 20 57.91	-02 47 50.3	18.1 T	H10
P/2009 Q1	2009 09 16.96717	23 20 15.92	-03 02 42.9	18.9 N	A32
P/2009 Q1	2009 09 16.98124	23 20 15.38	-03 02 47.8	17.0 N	A32
P/2009 Q1	2009 09 17.37001	23 20 05.46	-03 06 19.9	18.5 T	G96
P/2009 Q1	2009 09 17.37765	23 20 05.28	-03 06 24.0	18.5 T	G96
P/2009 Q1	2009 09 17.38539	23 20 05.06	-03 06 27.7	18.7 T	G96
P/2009 Q1	2009 09 17.39316	23 20 04.81	-03 06 32.2	18.2 T	G96
P/2009 Q1	2009 09 18.94002	23 19 26.02	-03 20 28.8	19.0 N	213
P/2009 Q1	2009 09 18.94943	23 19 25.80	-03 20 34.2	19.0 N	213
P/2009 Q1	2009 09 18.96510	23 19 25.36	-03 20 42.1	19.0 N	213
P/2009 Q1	2009 09 19.23940	23 19 18.58	-03 23 09.0		G96
P/2009 Q1	2009 09 19.24262	23 19 18.51	-03 23 10.3		G96
P/2009 Q1	2009 09 19.24704	23 19 18.40	-03 23 12.5		G96
P/2009 Q1	2009 09 19.25034	23 19 18.32	-03 23 14.7		G96
P/2009 Q1	2009 09 19.87603	23 19 02.75	-03 28 51.2		204
P/2009 Q1	2009 09 19.97489	23 19 00.21	-03 29 43.7	19.2 N	204
P/2009 Q1	2009 09 20.35095	23 18 50.90	-03 33 03.5	17.2 T	H06
P/2009 Q1	2009 09 20.35298	23 18 50.80	-03 33 04.2		H06
P/2009 Q1	2009 09 20.35500	23 18 50.70	-03 33 05.6		H06
P/2009 Q1	2009 09 20.65267	23 18 43.51	-03 35 43.5	18.7 T	900
P/2009 Q1	2009 09 20.66329	23 18 43.16	-03 35 50.9		900
P/2009 Q1	2009 09 21.91306	23 18 13.23	-03 46 56.1	19.2 N	585
P/2009 Q1	2009 09 21.91669	23 18 13.10	-03 46 56.1	18.9 N	585
P/2009 Q1	2009 09 21.91826	23 18 13.02	-03 46 58.2	18.7 N	585
P/2009 Q1	2009 09 21.92454	23 18 12.84	-03 47 00.7	18.8 N	585
P/2009 Q1	2009 09 21.92611	23 18 12.76	-03 47 01.8	19.0 N	585
P/2009 Q1	2009 09 23.95148	23 17 25.36	-04 04 40.8	19.3 N	130
P/2009 Q1	2009 09 24.85634	23 17 05.16	-04 12 25.8	19.1 N	A77
P/2009 Q1	2009 09 24.86101	23 17 04.99	-04 12 28.6	18.2 N	A77
P/2009 Q1	2009 09 24.86566	23 17 04.73	-04 12 30.7	18.2 N	A77
P/2009 Q1	2009 09 24.86810	23 17 04.66	-04 12 32.6	19.2 N	A32
P/2009 Q1	2009 09 24.87854	23 17 04.48	-04 12 38.9	17.9 N	A32
P/2009 Q1	2009 09 24.88793	23 17 04.33	-04 12 41.5	18.4 N	A32
P/2009 Q1	2009 09 25.83318	23 16 43.33	-04 20 47.8	18.5 N	585
P/2009 Q1	2009 09 25.83685	23 16 43.27	-04 20 48.4	18.5 N	585
P/2009 Q1	2009 09 28.14620	23 15 54.74	-04 40 06.9	18.2 N	850
P/2009 Q1	2009 09 28.17624	23 15 53.87	-04 40 20.4	19.0 N	850

P/2009 Q4 (Boattini)

P/2009 Q4	2009 09 01.07558	04 43 43.38	+08 23 35.7	17.9 N	A71
P/2009 Q4	2009 09 02.42445	04 47 43.92	+08 24 02.8	18.2 T	H06
P/2009 Q4	2009 09 02.42729	04 47 44.46	+08 24 03.5		H06
P/2009 Q4	2009 09 02.43012	04 47 44.95	+08 24 04.0		H06
P/2009 Q4	2009 09 05.41892	04 56 43.10	+08 24 01.1		H06
P/2009 Q4	2009 09 05.42347	04 56 43.90	+08 24 02.0	17.7 T	H06
P/2009 Q4	2009 09 05.42802	04 56 44.65	+08 24 02.1		H06
P/2009 Q4	2009 09 06.08725	04 58 44.39	+08 23 47.2	18.1 N	118

P/2009 Q4	2009 09 06.09022	04 58 44.90	+08 23 49.1	18.5 N	118
P/2009 Q4	2009 09 06.10210	04 58 47.08	+08 23 47.7	17.9 N	204
P/2009 Q4	2009 09 06.12689	04 58 51.51	+08 23 47.1		204
P/2009 Q4	2009 09 09.05433	05 07 47.16	+08 22 01.2	17.2 N	585
P/2009 Q4	2009 09 09.05591	05 07 47.37	+08 22 00.8	17.3 N	585
P/2009 Q4	2009 09 09.05742	05 07 47.69	+08 22 00.4	17.2 N	585
P/2009 Q4	2009 09 09.05889	05 07 48.03	+08 22 01.1	17.2 N	585
P/2009 Q4	2009 09 09.06041	05 07 48.25	+08 22 01.3	17.3 N	585
P/2009 Q4	2009 09 09.06491	05 07 49.03	+08 21 59.9	17.1 N	585
P/2009 Q4	2009 09 09.39393	05 08 49.54	+08 21 43.7	17.9 N	850
P/2009 Q4	2009 09 09.42206	05 08 54.63	+08 21 41.7	17.8 N	850
P/2009 Q4	2009 09 09.75771	05 09 56.70	+08 21 24.6	17.3 T	349
P/2009 Q4	2009 09 09.76228	05 09 57.50	+08 21 24.1		349
P/2009 Q4	2009 09 09.76685	05 09 58.33	+08 21 23.8		349
P/2009 Q4	2009 09 12.41566	05 18 09.84	+08 18 17.5	18.7 T	704
P/2009 Q4	2009 09 12.42697	05 18 11.96	+08 18 17.3	18.3 T	704
P/2009 Q4	2009 09 12.43830	05 18 14.09	+08 18 16.1	18.7 T	704
P/2009 Q4	2009 09 12.44964	05 18 16.19	+08 18 15.9	18.6 T	704
P/2009 Q4	2009 09 13.19596	05 20 35.52	+08 17 10.4	17.6 N	J51
P/2009 Q4	2009 09 13.20519	05 20 37.28	+08 17 09.9	17.8 N	J51
P/2009 Q4	2009 09 13.21442	05 20 39.00	+08 17 09.4	17.8 N	J51
P/2009 Q4	2009 09 14.21237	05 23 46.13	+08 15 33.7	17.0 N	J24
P/2009 Q4	2009 09 14.21935	05 23 47.33	+08 15 33.3	16.9 N	J24
P/2009 Q4	2009 09 14.22051	05 23 47.56	+08 15 33.1	16.9 N	J24
P/2009 Q4	2009 09 16.42406	05 30 42.85	+08 11 26.8		H10
P/2009 Q4	2009 09 16.42552	05 30 43.06	+08 11 26.6		H10
P/2009 Q4	2009 09 16.42834	05 30 43.63	+08 11 26.1	17.2 T	H10
P/2009 Q4	2009 09 17.49398	05 34 05.30	+08 09 10.9	16.7 T	G96
P/2009 Q4	2009 09 17.49857	05 34 06.16	+08 09 10.1	16.8 T	G96
P/2009 Q4	2009 09 17.50316	05 34 07.14	+08 09 09.8	17.0 T	G96
P/2009 Q4	2009 09 17.50773	05 34 07.96	+08 09 09.2	16.9 T	G96
P/2009 Q4	2009 09 19.75390	05 41 15.89	+08 03 48.8	16.8 N	900
P/2009 Q4	2009 09 19.76105	05 41 17.23	+08 03 48.5		900
P/2009 Q4	2009 09 20.38193	05 43 16.12	+08 02 10.8	16.2 T	H06
P/2009 Q4	2009 09 20.38379	05 43 16.47	+08 02 10.6		H06
P/2009 Q4	2009 09 20.38564	05 43 16.85	+08 02 10.5		H06
P/2009 Q4	2009 09 22.05256	05 48 36.64	+07 57 32.5	16.9 N	585
P/2009 Q4	2009 09 22.05488	05 48 37.00	+07 57 32.0	16.9 N	585
P/2009 Q4	2009 09 22.05566	05 48 37.21	+07 57 31.6	17.0 N	585
P/2009 Q4	2009 09 22.05723	05 48 37.56	+07 57 30.3	17.1 N	585
P/2009 Q4	2009 09 22.05801	05 48 37.56	+07 57 30.8	17.2 N	585
P/2009 Q4	2009 09 23.12662	05 52 03.47	+07 54 20.6	16.9 N	204
P/2009 Q4	2009 09 23.17007	05 52 11.78	+07 54 13.3		204
P/2009 Q4	2009 09 24.74986	05 57 17.32	+07 49 13.8	16.3 T	349
P/2009 Q4	2009 09 24.75654	05 57 18.59	+07 49 12.4		349
P/2009 Q4	2009 09 24.76322	05 57 19.89	+07 49 11.0		349
P/2009 Q4	2009 09 26.45378	06 02 48.06	+07 43 26.4	16.0 T	H06
P/2009 Q4	2009 09 26.45563	06 02 48.40	+07 43 26.2		H06
P/2009 Q4	2009 09 26.45749	06 02 48.71	+07 43 25.5		H06
P/2009 Q4	2009 09 29.04362	06 11 13.35	+07 33 50.9	16.3 N	585
P/2009 Q4	2009 09 29.04971	06 11 14.56	+07 33 49.7	16.6 N	585
P/2009 Q4	2009 09 29.05429	06 11 15.46	+07 33 48.9	16.6 N	585

P/2009 Q4	2009 09 29.05990	06 11 16.47	+07 33 46.9	16.7 N	585
P/2009 Q4	2009 09 29.06435	06 11 17.36	+07 33 46.6	16.7 N	585

P/2009 Q5 (McNaught)

P/2009 Q5	2009 09 01.62400	01 29 11.40	-17 45 32.4	16.8 T	900
P/2009 Q5	2009 09 01.63006	01 29 11.36	-17 45 40.0	16.5 T	900
P/2009 Q5	2009 09 01.67025	01 29 11.57	-17 46 25.3	16.8 T	300
P/2009 Q5	2009 09 01.67190	01 29 11.57	-17 46 26.9	16.6 T	300
P/2009 Q5	2009 09 01.67341	01 29 11.60	-17 46 28.7	16.7 T	300
P/2009 Q5	2009 09 01.67567	01 29 11.59	-17 46 31.3	16.9 T	300
P/2009 Q5	2009 09 02.40589	01 29 16.14	-18 00 10.1	16.4 N	E94
P/2009 Q5	2009 09 02.41028	01 29 15.95	-18 00 19.3	16.4 N	E94
P/2009 Q5	2009 09 02.41383	01 29 15.80	-18 00 25.3	17.4 T	H06
P/2009 Q5	2009 09 02.41465	01 29 16.14	-18 00 21.5	16.6 N	E94
P/2009 Q5	2009 09 02.41493	01 29 15.72	-18 00 26.9	17.1 N	H47
P/2009 Q5	2009 09 02.41579	01 29 15.78	-18 00 28.0		H06
P/2009 Q5	2009 09 02.41775	01 29 15.78	-18 00 30.8		H06
P/2009 Q5	2009 09 02.41903	01 29 15.91	-18 00 25.5	16.9 N	E94
P/2009 Q5	2009 09 02.42343	01 29 16.04	-18 00 32.3	17.2 N	E94
P/2009 Q5	2009 09 02.42615	01 29 15.77	-18 00 39.7	17.1 N	H47
P/2009 Q5	2009 09 02.43712	01 29 15.83	-18 00 52.4	17.2 N	H47
P/2009 Q5	2009 09 02.66793	01 29 17.34	-18 05 09.9	17.1 N	D25
P/2009 Q5	2009 09 02.68118	01 29 17.37	-18 05 24.4	17.1 N	D25
P/2009 Q5	2009 09 03.31985	01 29 20.26	-18 17 33.2	16.9 T	H06
P/2009 Q5	2009 09 03.32207	01 29 20.30	-18 17 36.0		H06
P/2009 Q5	2009 09 03.42393	01 29 20.55	-18 19 31.3	16.7 N	H47
P/2009 Q5	2009 09 03.43212	01 29 20.60	-18 19 40.8	16.9 N	H47
P/2009 Q5	2009 09 03.44019	01 29 20.66	-18 19 50.4	16.9 N	H47
P/2009 Q5	2009 09 04.73212	01 29 25.14	-18 44 17.7	16.5 T	349
P/2009 Q5	2009 09 04.73557	01 29 25.16	-18 44 21.5		349
P/2009 Q5	2009 09 05.41799	01 29 26.77	-18 57 19.1	17.5 N	H06
P/2009 Q5	2009 09 05.42361	01 29 26.74	-18 57 25.5		H06
P/2009 Q5	2009 09 06.08823	01 29 27.74	-19 10 03.7		204
P/2009 Q5	2009 09 06.13371	01 29 27.69	-19 10 55.6	17.4 N	204
P/2009 Q5	2009 09 06.64834	01 29 28.20	-19 20 41.1		900
P/2009 Q5	2009 09 06.65200	01 29 28.24	-19 20 46.4	16.5 T	900
P/2009 Q5	2009 09 08.10092	01 29 27.42	-19 48 18.0	16.3 N	B74
P/2009 Q5	2009 09 08.10682	01 29 27.39	-19 48 25.1	16.4 N	B74
P/2009 Q5	2009 09 08.11219	01 29 27.35	-19 48 31.2	16.9 N	B74
P/2009 Q5	2009 09 08.53217	01 29 27.06	-19 56 25.1	16.9 T	1 E12
P/2009 Q5	2009 09 09.01971	01 29 25.77	-20 05 47.0	16.8 N	585
P/2009 Q5	2009 09 09.02098	01 29 25.78	-20 05 47.9	17.0 N	585
P/2009 Q5	2009 09 09.33889	01 29 25.11	-20 11 49.4	16.9 N	850
P/2009 Q5	2009 09 09.36462	01 29 24.88	-20 12 18.6	17.0 N	850
P/2009 Q5	2009 09 09.44302	01 29 24.65	-20 13 48.3	15.8 T	H10
P/2009 Q5	2009 09 09.44707	01 29 24.59	-20 13 52.7		H10
P/2009 Q5	2009 09 09.45122	01 29 24.59	-20 13 57.7		H10
P/2009 Q5	2009 09 09.67772	01 29 24.02	-20 18 11.3	16.7 T	1 E12
P/2009 Q5	2009 09 09.68014	01 29 24.01	-20 18 14.1	16.6 T	1 E12
P/2009 Q5	2009 09 09.70279	01 29 23.91	-20 18 44.4	16.5 T	349
P/2009 Q5	2009 09 09.70586	01 29 23.90	-20 18 47.8		349
P/2009 Q5	2009 09 09.70892	01 29 23.90	-20 18 51.6		349
P/2009 Q5	2009 09 11.08108	01 29 18.56	-20 44 52.1	17.5 N	J47

P/2009 Q5	2009 09 11.08515	01 29 18.53	-20 44 56.6	17.6 N	J47
P/2009 Q5	2009 09 11.08920	01 29 18.50	-20 45 01.0	17.2 N	J47
P/2009 Q5	2009 09 11.14999	01 29 18.14	-20 46 10.9	16.7 N	J24
P/2009 Q5	2009 09 11.15866	01 29 18.08	-20 46 21.5	16.6 N	J24
P/2009 Q5	2009 09 11.16515	01 29 18.03	-20 46 28.6	16.6 N	J24
P/2009 Q5	2009 09 11.60589	01 29 15.92	-20 54 43.2	17.0 T	423
P/2009 Q5	2009 09 11.64802	01 29 15.64	-20 55 31.0	17.1 T	423
P/2009 Q5	2009 09 12.00248	01 29 13.71	-21 02 17.1	17.0 N	213
P/2009 Q5	2009 09 12.00769	01 29 13.69	-21 02 23.8	17.0 N	213
P/2009 Q5	2009 09 12.00953	01 29 13.67	-21 02 26.3	17.1 N	213
P/2009 Q5	2009 09 12.62433	01 29 09.91	-21 13 57.5	16.8 T	423
P/2009 Q5	2009 09 12.66684	01 29 09.56	-21 14 45.6	17.0 T	423
P/2009 Q5	2009 09 13.11997	01 29 06.48	-21 23 22.0	17.0 N	J51
P/2009 Q5	2009 09 13.12539	01 29 06.45	-21 23 28.2	17.0 N	J51
P/2009 Q5	2009 09 13.13080	01 29 06.43	-21 23 34.7	17.1 N	J51
P/2009 Q5	2009 09 13.21354	01 29 05.87	-21 25 03.3		I21
P/2009 Q5	2009 09 13.22925	01 29 05.73	-21 25 21.4	17.3 N	I21
P/2009 Q5	2009 09 13.49991	01 29 03.92	-21 30 25.8	16.8 T	423
P/2009 Q5	2009 09 13.52422	01 29 03.73	-21 30 53.5	16.8 T	423
P/2009 Q5	2009 09 13.59178	01 29 03.28	-21 32 09.9		D25
P/2009 Q5	2009 09 13.59402	01 29 03.27	-21 32 12.4		D25
P/2009 Q5	2009 09 13.59615	01 29 03.25	-21 32 14.8	16.7 T	D25
P/2009 Q5	2009 09 14.15715	01 28 58.56	-21 42 52.5	16.7 N	J24
P/2009 Q5	2009 09 14.15840	01 28 58.54	-21 42 53.8	16.7 N	J24
P/2009 Q5	2009 09 14.16090	01 28 58.49	-21 42 56.5	16.8 N	J24
P/2009 Q5	2009 09 15.50436	01 28 46.83	-22 07 57.4	17.0 T	423
P/2009 Q5	2009 09 15.55514	01 28 46.29	-22 08 55.1	17.0 T	423
P/2009 Q5	2009 09 16.07911	01 28 40.95	-22 18 45.6	16.8 N	B74
P/2009 Q5	2009 09 16.08124	01 28 40.82	-22 18 48.0	16.6 N	B74
P/2009 Q5	2009 09 16.08343	01 28 40.77	-22 18 50.7	16.7 N	B74
P/2009 Q5	2009 09 16.64827	01 28 34.98	-22 29 18.1		900
P/2009 Q5	2009 09 16.65543	01 28 34.88	-22 29 25.9	17.1 T	900
P/2009 Q5	2009 09 16.68681	01 28 34.51	-22 29 59.8	17.5 N	372
P/2009 Q5	2009 09 16.70694	01 28 34.24	-22 30 22.8		372
P/2009 Q5	2009 09 18.69375	01 28 10.64	-23 06 54.8		372
P/2009 Q5	2009 09 18.98934	01 28 06.84	-23 12 19.1	16.8 N	213
P/2009 Q5	2009 09 18.99123	01 28 06.78	-23 12 21.0	16.5 N	213
P/2009 Q5	2009 09 18.99311	01 28 06.73	-23 12 23.0	16.7 N	213
P/2009 Q5	2009 09 19.59151	01 27 58.71	-23 23 11.8	16.9 T	423
P/2009 Q5	2009 09 19.61630	01 27 58.35	-23 23 44.0		352
P/2009 Q5	2009 09 19.62324	01 27 58.29	-23 23 51.2		352
P/2009 Q5	2009 09 19.63966	01 27 57.97	-23 24 04.1	16.8 T	423
P/2009 Q5	2009 09 20.62674	01 27 44.04	-23 41 58.2	17.5 N	372
P/2009 Q5	2009 09 20.68681	01 27 42.98	-23 43 02.3		372
P/2009 Q5	2009 09 20.69011	01 27 42.86	-23 43 02.8		D90
P/2009 Q5	2009 09 20.69220	01 27 42.81	-23 43 05.0		D90
P/2009 Q5	2009 09 20.69429	01 27 42.77	-23 43 07.2	17.2 T	D90
P/2009 Q5	2009 09 20.70619	01 27 42.62	-23 43 24.4		900
P/2009 Q5	2009 09 20.71334	01 27 42.49	-23 43 32.1	16.8 T	900
P/2009 Q5	2009 09 21.96534	01 27 23.34	-24 05 55.0	16.7 N	585
P/2009 Q5	2009 09 21.97144	01 27 23.16	-24 06 01.5	16.6 N	585
P/2009 Q5	2009 09 21.97738	01 27 23.04	-24 06 07.8	16.7 N	585
P/2009 Q5	2009 09 21.98285	01 27 23.02	-24 06 13.5	16.6 N	585

P/2009 Q5	2009 09 21.98432	01 27 22.93	-24 06 14.9	16.5 N	585
P/2009 Q5	2009 09 21.98579	01 27 22.92	-24 06 16.4	16.4 N	585
P/2009 Q5	2009 09 21.99031	01 27 22.84	-24 06 21.4	16.5 N	585
P/2009 Q5	2009 09 21.99233	01 27 22.82	-24 06 23.8	16.5 N	585
P/2009 Q5	2009 09 21.99381	01 27 22.77	-24 06 25.7	16.5 N	585
P/2009 Q5	2009 09 22.09354	01 27 21.35	-24 08 05.6	16.8 N	I21
P/2009 Q5	2009 09 22.10507	01 27 21.22	-24 08 18.0	16.4 N	I21
P/2009 Q5	2009 09 22.60443	01 27 12.83	-24 17 07.9	16.8 N	474
P/2009 Q5	2009 09 22.60709	01 27 12.76	-24 17 10.6	16.9 N	474
P/2009 Q5	2009 09 22.60951	01 27 12.73	-24 17 13.3	16.8 N	474
P/2009 Q5	2009 09 23.05235	01 27 05.32	-24 25 06.5		204
P/2009 Q5	2009 09 23.08494	01 27 04.72	-24 25 40.7	16.5 N	204
P/2009 Q5	2009 09 24.56106	01 26 38.97	-24 51 18.7	16.9 T	423
P/2009 Q5	2009 09 24.58965	01 26 38.40	-24 51 48.2	16.8 T	423
P/2009 Q5	2009 09 24.63772	01 26 37.53	-24 52 43.0		900
P/2009 Q5	2009 09 24.64485	01 26 37.37	-24 52 50.6	16.9 T	900
P/2009 Q5	2009 09 24.68211	01 26 36.59	-24 53 28.4	16.6 T	349
P/2009 Q5	2009 09 24.68656	01 26 36.51	-24 53 33.3		349
P/2009 Q5	2009 09 24.69100	01 26 36.44	-24 53 38.0		349
P/2009 Q5	2009 09 25.58116	01 26 19.94	-25 08 49.0	16.8 T	423
P/2009 Q5	2009 09 25.61464	01 26 19.24	-25 09 23.5	16.8 T	423
P/2009 Q5	2009 09 27.10439	01 25 49.97	-25 34 36.9	15.7 T	A77
P/2009 Q5	2009 09 27.10908	01 25 49.92	-25 34 43.2	15.9 N	A77
P/2009 Q5	2009 09 27.11377	01 25 49.79	-25 34 47.9	16.1 N	A77
P/2009 Q5	2009 09 28.35655	01 25 24.23	-25 55 23.0	16.7 N	H47
P/2009 Q5	2009 09 28.36603	01 25 24.04	-25 55 31.9	16.5 N	H47
P/2009 Q5	2009 09 28.37587	01 25 23.76	-25 55 41.7	16.2 N	H47
P/2009 Q5	2009 09 28.57634	01 25 19.79	-25 58 54.3	16.7 T	423
P/2009 Q5	2009 09 28.61245	01 25 18.98	-25 59 29.8	16.7 T	423
P/2009 Q5	2009 09 28.91957	01 25 12.52	-26 04 36.1	16.1 N	585
P/2009 Q5	2009 09 28.92105	01 25 12.42	-26 04 37.9	16.3 N	585
P/2009 Q5	2009 09 28.92251	01 25 12.40	-26 04 38.9	16.1 N	585
P/2009 Q5	2009 09 28.92544	01 25 12.38	-26 04 41.8	16.3 N	585
P/2009 Q5	2009 09 30.26743	01 24 43.20	-26 26 18.4		H10
P/2009 Q5	2009 09 30.27602	01 24 42.98	-26 26 26.8		H10

P/2009 QG₃₁ (La Sagra)

P/2009 QG ₃₁	2009 08 16.04819	22 47 24.22	-10 09 45.8	19.1 N	4 J75
P/2009 QG ₃₁	2009 08 16.06046	22 47 23.79	-10 09 46.7	19.3 N	4 J75
P/2009 QG ₃₁	2009 08 16.07277	22 47 23.30	-10 09 46.5	20.0 N	4 J75
P/2009 QG ₃₁	2009 08 19.04841	22 45 37.88	-10 10 38.0	18.4 N	4 J75
P/2009 QG ₃₁	2009 08 19.06073	22 45 37.44	-10 10 37.9	18.4 N	4 J75
P/2009 QG ₃₁	2009 08 19.07341	22 45 36.89	-10 10 40.0	18.9 N	4 J75
P/2009 QG ₃₁	2009 08 19.98515	22 45 03.17	-10 10 59.7	19.1 N	4 J75
P/2009 QG ₃₁	2009 08 19.99747	22 45 02.64	-10 10 59.2	18.5 N	4 J75
P/2009 QG ₃₁	2009 08 20.00983	22 45 02.09	-10 10 59.4	19.1 N	4 J75
P/2009 QG ₃₁	2009 08 25.97141	22 41 04.66	-10 13 39.0	18.7 N	4 J75
P/2009 QG ₃₁	2009 08 25.98374	22 41 04.14	-10 13 38.8	18.5 N	4 J75
P/2009 QG ₃₁	2009 08 25.99612	22 41 03.65	-10 13 39.3	18.8 N	4 J75
P/2009 QG ₃₁	2009 08 26.30196	22 40 50.77	-10 13 48.5	18.9 N	4 703
P/2009 QG ₃₁	2009 08 26.31008	22 40 50.48	-10 13 48.3	18.6 N	4 703
P/2009 QG ₃₁	2009 08 26.31836	22 40 50.05	-10 13 48.2	18.7 N	4 703
P/2009 QG ₃₁	2009 08 26.32669	22 40 49.72	-10 13 48.2	18.8 N	4 703

P/2009 QG ₃₁	2009 08 28.93465	22 39 00.26	-10 15 01.8	18.6 N	4 J75
P/2009 QG ₃₁	2009 08 28.94708	22 38 59.69	-10 15 02.5	18.1 N	4 J75
P/2009 QG ₃₁	2009 08 28.95947	22 38 59.18	-10 15 03.9	17.8 N	4 J75
P/2009 QG ₃₁	2009 08 30.28523	22 38 02.65	-10 15 35.9	18.0 N	4 703
P/2009 QG ₃₁	2009 08 30.29551	22 38 02.18	-10 15 36.3	18.7 N	4 703
P/2009 QG ₃₁	2009 08 30.30601	22 38 01.64	-10 15 36.4	19.1 N	4 703
P/2009 QG ₃₁	2009 08 30.31635	22 38 01.21	-10 15 36.3	18.3 N	4 703
P/2009 QG ₃₁	2009 09 09.95734	22 30 36.87	-10 17 44.2	19.4 N	4 J75
P/2009 QG ₃₁	2009 09 09.96708	22 30 36.44	-10 17 44.1	19.5 N	4 J75
P/2009 QG ₃₁	2009 09 09.97652	22 30 36.11	-10 17 43.6	19.1 N	4 J75
P/2009 QG ₃₁	2009 09 12.27802	22 29 07.03	-10 17 17.4		4 291
P/2009 QG ₃₁	2009 09 12.28529	22 29 06.74	-10 17 17.3		4 291
P/2009 QG ₃₁	2009 09 12.29241	22 29 06.46	-10 17 17.2		4 291
P/2009 QG ₃₁	2009 09 12.91530	22 28 43.27	-10 17 07.8		4 J95
P/2009 QG ₃₁	2009 09 12.92878	22 28 42.72	-10 17 07.5	19.5 N	4 J95
P/2009 QG ₃₁	2009 09 14.19322	22 27 56.57	-10 16 36.7	19.6 N	4 704
P/2009 QG ₃₁	2009 09 14.20509	22 27 56.02	-10 16 35.6	19.9 N	4 704
P/2009 QG ₃₁	2009 09 14.21689	22 27 55.71	-10 16 34.6	19.8 N	4 704
P/2009 QG ₃₁	2009 09 14.22867	22 27 55.11	-10 16 35.2	19.7 N	4 704
P/2009 QG ₃₁	2009 09 14.24045	22 27 54.62	-10 16 34.5	19.7 N	4 704
P/2009 QG ₃₁	2009 09 16.25787	22 26 43.94	-10 15 30.8	19.4 T	H10
P/2009 QG ₃₁	2009 09 16.27425	22 26 43.26	-10 15 30.0	18.8 T	H10
P/2009 QG ₃₁	2009 09 16.29348	22 26 42.58	-10 15 29.2	18.6 T	4 H10
P/2009 QG ₃₁	2009 09 16.31193	22 26 42.01	-10 15 27.8		4 H10
P/2009 QG ₃₁	2009 09 17.90519	22 25 49.76	-10 14 21.8	19.3 T	4 493
P/2009 QG ₃₁	2009 09 17.90847	22 25 49.64	-10 14 21.6	19.3 T	4 493
P/2009 QG ₃₁	2009 09 17.91089	22 25 49.56	-10 14 21.5	19.1 T	4 493
P/2009 QG ₃₁	2009 09 18.43795	22 25 32.93	-10 13 46.9	19.0 T	4 E10
P/2009 QG ₃₁	2009 09 18.44101	22 25 32.87	-10 13 46.6	19.0 T	4 E10
P/2009 QG ₃₁	2009 09 18.44268	22 25 32.39	-10 13 53.2	19.2 T	4 F65
P/2009 QG ₃₁	2009 09 18.44371	22 25 32.76	-10 13 46.3	18.9 T	4 E10
P/2009 QG ₃₁	2009 09 18.44587	22 25 32.29	-10 13 52.9	19.1 T	4 F65
P/2009 QG ₃₁	2009 09 18.53537	22 25 29.65	-10 13 42.2	19.2 T	4 E16
P/2009 QG ₃₁	2009 09 18.54301	22 25 29.40	-10 13 41.9	19.5 T	4 E16
P/2009 QG ₃₁	2009 09 18.55065	22 25 29.14	-10 13 41.5	19.2 T	4 E16
P/2009 QG ₃₁	2009 09 18.61088	22 25 27.13	-10 13 38.0	19.5 T	4 E16
P/2009 QG ₃₁	2009 09 19.88718	22 24 48.58	-10 12 36.5	19.0 T	4 235
P/2009 QG ₃₁	2009 09 19.89703	22 24 48.26	-10 12 36.3	18.8 T	4 235
P/2009 QG ₃₁	2009 09 19.90687	22 24 47.93	-10 12 35.7	18.8 T	4 235
P/2009 QG ₃₁	2009 09 23.87991	22 23 01.65	-10 07 44.5	19.9 N	B33
P/2009 QG ₃₁	2009 09 23.90227	22 23 01.03	-10 07 41.3	19.2 N	B33
P/2009 QG ₃₁	2009 09 23.93117	22 23 00.28	-10 07 39.4	19.6 N	B33
P/2009 QG ₃₁	2009 09 23.94898	22 22 59.73	-10 07 37.9	19.5 N	B33

C/2009 R1 (McNaught)

C/2009 R1	2009 07 20.69943	22 15 39.81	-31 42 50.2	18.5 T	1 E12
C/2009 R1	2009 07 20.70883	22 15 39.33	-31 42 52.3	18.5 T	1 E12
C/2009 R1	2009 07 20.71775	22 15 38.93	-31 42 54.8	18.9 T	1 E12
C/2009 R1	2009 07 20.72649	22 15 38.46	-31 42 56.2	18.6 T	1 E12
C/2009 R1	2009 08 01.66369	22 04 42.86	-32 33 12.3	17.9 T	1 E12
C/2009 R1	2009 08 01.67701	22 04 42.06	-32 33 15.1	17.6 T	1 E12
C/2009 R1	2009 08 01.69035	22 04 41.23	-32 33 18.5	17.9 T	1 E12
C/2009 R1	2009 08 01.70368	22 04 40.41	-32 33 22.0	17.9 T	1 E12

C/2009 R1	2009 08 18.50163	21 45 59.59	-33 28 29.2	17.9 T	1 E12	C/2009 R1	2009 09 19.86809	21 08 17.94	-33 32 16.8	17.4 N	204
C/2009 R1	2009 08 18.50915	21 45 59.06	-33 28 30.4	17.9 T	1 E12	C/2009 R1	2009 09 19.87393	21 08 17.62	-33 32 15.7		204
C/2009 R1	2009 08 18.51676	21 45 58.47	-33 28 31.7	17.8 T	1 E12	C/2009 R1	2009 09 20.04471	21 08 07.23	-33 31 49.5		I21
C/2009 R1	2009 08 18.52445	21 45 57.92	-33 28 32.7	17.7 T	1 E12	C/2009 R1	2009 09 20.07727	21 08 05.12	-33 31 45.5		I21
C/2009 R1	2009 09 09.61721	21 19 28.81	-33 47 55.2	17.3 T	1 E12	C/2009 R1	2009 09 20.50975	21 07 38.60	-33 30 39.6		900
C/2009 R1	2009 09 09.62681	21 19 28.16	-33 47 55.0	17.5 T	1 E12	C/2009 R1	2009 09 20.51690	21 07 38.50	-33 30 41.3	16.6 N	900
C/2009 R1	2009 09 09.63643	21 19 27.47	-33 47 54.7	17.4 T	1 E12	C/2009 R1	2009 09 20.52691	21 07 37.76	-33 30 45.7	18.0 N	372
C/2009 R1	2009 09 09.64608	21 19 26.82	-33 47 54.1	17.4 T	1 E12	C/2009 R1	2009 09 21.13312	21 07 01.28	-33 29 16.4		H10
C/2009 R1	2009 09 09.72701	21 19 21.18	-33 47 49.6		1 E12	C/2009 R1	2009 09 21.13654	21 07 01.11	-33 29 15.7	16.9 T	H10
C/2009 R1	2009 09 09.86135	21 19 12.14	-33 47 45.8	18.0 T	J04	C/2009 R1	2009 09 21.81212	21 06 20.93	-33 27 33.4	16.6 T	585
C/2009 R1	2009 09 09.86276	21 19 12.12	-33 47 45.6	18.3 T	J04	C/2009 R1	2009 09 21.81403	21 06 20.69	-33 27 32.9	16.5 T	585
C/2009 R1	2009 09 09.86394	21 19 12.00	-33 47 45.4	17.7 T	J04	C/2009 R1	2009 09 21.82149	21 06 20.37	-33 27 32.0	16.5 T	585
C/2009 R1	2009 09 09.86509	21 19 11.95	-33 47 45.8	18.2 T	J04	C/2009 R1	2009 09 21.82589	21 06 20.00	-33 27 31.4	16.4 T	585
C/2009 R1	2009 09 09.86626	21 19 11.85	-33 47 45.4	18.1 T	J04	C/2009 R1	2009 09 22.83280	21 05 20.55	-33 24 54.8	17.6 N	204
C/2009 R1	2009 09 09.98227	21 19 03.85	-33 47 35.2		I21	C/2009 R1	2009 09 23.04203	21 05 08.30	-33 24 19.1	17.4 N	I21
C/2009 R1	2009 09 10.01160	21 19 01.84	-33 47 34.6		I21	C/2009 R1	2009 09 23.07990	21 05 06.12	-33 24 13.1		I21
C/2009 R1	2009 09 10.14003	21 18 52.89	-33 47 33.1	18.1 N	H55	C/2009 R1	2009 09 25.83170	21 02 30.28	-33 16 16.3	17.4 N	A77
C/2009 R1	2009 09 10.14600	21 18 52.57	-33 47 32.0	18.0 N	H55	C/2009 R1	2009 09 25.83950	21 02 29.64	-33 16 14.6	17.2 N	A77
C/2009 R1	2009 09 10.15243	21 18 52.19	-33 47 31.5	17.8 N	H55	C/2009 R1	2009 09 26.03948	21 02 18.63	-33 15 35.5		I21
C/2009 R1	2009 09 10.20560	21 18 48.40	-33 47 29.7	18.3 N	H10	C/2009 R1	2009 09 26.05341	21 02 17.97	-33 15 32.5		I21
C/2009 R1	2009 09 10.21270	21 18 47.89	-33 47 28.5	17.6 N	H10	C/2009 R1	2009 09 26.08077	21 02 16.41	-33 15 28.1	17.9 T	I36
C/2009 R1	2009 09 10.21979	21 18 47.42	-33 47 28.1	17.8 N	H10	C/2009 R1	2009 09 26.08468	21 02 16.17	-33 15 27.2	18.0 T	I36
C/2009 R1	2009 09 10.23408	21 18 46.46	-33 47 27.2	17.1 T	H06	C/2009 R1	2009 09 26.94115	21 01 29.37	-33 12 46.8	17.3 N	J24
C/2009 R1	2009 09 10.24352	21 18 45.80	-33 47 26.9	17.1 T	H06	C/2009 R1	2009 09 26.94567	21 01 29.13	-33 12 45.9	17.0 N	J24
C/2009 R1	2009 09 10.25295	21 18 45.15	-33 47 27.0	17.4 T	H06	C/2009 R1	2009 09 26.95024	21 01 28.97	-33 12 45.6	17.3 N	J24
C/2009 R1	2009 09 10.37859	21 18 36.66	-33 47 17.8	17.5 T	1 E12	P/2009 S1 (Gibbs)					
C/2009 R1	2009 09 10.38199	21 18 36.44	-33 47 17.7	17.5 T	1 E12	P/2009 S1	2009 09 20.38191	03 59 54.60	-10 17 18.3	18.6 T	703
C/2009 R1	2009 09 10.57955	21 18 22.79	-33 47 09.0	17.3 N	900	P/2009 S1	2009 09 20.39030	03 59 54.81	-10 17 25.2	19.2 T	703
C/2009 R1	2009 09 10.58668	21 18 22.28	-33 47 09.2	17.5 N	900	P/2009 S1	2009 09 20.39861	03 59 54.99	-10 17 31.4	19.1 T	703
C/2009 R1	2009 09 10.61053	21 18 20.56	-33 47 05.2	16.7 T	D90	P/2009 S1	2009 09 20.40701	03 59 55.28	-10 17 38.2	18.5 T	703
C/2009 R1	2009 09 10.61630	21 18 20.17	-33 47 04.9	17.4 N	D90	P/2009 S1	2009 09 20.43125	03 59 56.03	-10 17 58.4	18.5 T	703
C/2009 R1	2009 09 10.63912	21 18 18.57	-33 47 03.5	17.6 T	1 E12	P/2009 S1	2009 09 20.43835	03 59 56.27	-10 18 03.4		703
C/2009 R1	2009 09 10.64261	21 18 18.34	-33 47 03.4	17.5 T	1 E12	P/2009 S1	2009 09 20.44895	03 59 56.63	-10 18 12.6		703
C/2009 R1	2009 09 11.45556	21 17 23.07	-33 46 15.6	17.5 T	423	P/2009 S1	2009 09 20.45609	03 59 56.81	-10 18 17.8		703
C/2009 R1	2009 09 11.48979	21 17 20.73	-33 46 13.3	17.5 T	423	P/2009 S1	2009 09 20.72934	04 00 05.27	-10 21 54.3	19.2 T	D90
C/2009 R1	2009 09 11.74972	21 17 02.97	-33 45 55.4		D25	P/2009 S1	2009 09 20.74299	04 00 05.65	-10 22 05.1	19.2 T	D90
C/2009 R1	2009 09 11.76189	21 17 02.11	-33 45 54.9	16.2 T	D25	P/2009 S1	2009 09 21.22856	04 00 20.56	-10 28 39.7		I21
C/2009 R1	2009 09 11.90886	21 16 52.31	-33 45 48.3	17.2 N	213	P/2009 S1	2009 09 21.24031	04 00 20.85	-10 28 49.7		I21
C/2009 R1	2009 09 11.92031	21 16 51.55	-33 45 47.6	17.0 N	213	P/2009 S1	2009 09 21.26218	04 00 21.36	-10 29 05.2	18.3 T	I20
C/2009 R1	2009 09 12.00338	21 16 46.05	-33 45 41.0		I21	P/2009 S1	2009 09 21.26675	04 00 21.48	-10 29 09.0	18.5 T	I20
C/2009 R1	2009 09 12.06018	21 16 42.14	-33 45 36.8	17.0 N	I21	P/2009 S1	2009 09 21.27111	04 00 21.58	-10 29 12.4	18.3 T	I20
C/2009 R1	2009 09 12.42597	21 16 17.57	-33 45 10.8	17.7 T	423	P/2009 S1	2009 09 21.40154	04 00 25.46	-10 31 03.8	18.4 T	H06
C/2009 R1	2009 09 13.51433	21 15 04.69	-33 43 50.0	17.5 T	367	P/2009 S1	2009 09 21.41400	04 00 25.76	-10 31 15.1	18.5	H36
C/2009 R1	2009 09 13.52012	21 15 04.33	-33 43 49.6		367	P/2009 S1	2009 09 21.41767	04 00 25.83	-10 31 17.7	19.0	H36
C/2009 R1	2009 09 13.63604	21 14 56.55	-33 43 37.6		D25	P/2009 S1	2009 09 21.42134	04 00 26.00	-10 31 21.3	19.3	H36
C/2009 R1	2009 09 13.63937	21 14 56.34	-33 43 37.0		D25	P/2009 S1	2009 09 21.43329	04 00 26.39	-10 31 30.3	18.5 T	H06
C/2009 R1	2009 09 13.64270	21 14 56.10	-33 43 36.3		D25	P/2009 S1	2009 09 21.43369	04 00 26.36	-10 31 30.8	19.3	H36
C/2009 R1	2009 09 15.00297	21 13 26.50	-33 41 36.2		I21	P/2009 S1	2009 09 21.43688	04 00 26.43	-10 31 32.8	19.0 T	H06
C/2009 R1	2009 09 15.01567	21 13 25.67	-33 41 34.3		I21	P/2009 S1	2009 09 21.43736	04 00 26.43	-10 31 34.2	19.4	H36
C/2009 R1	2009 09 15.03347	21 13 24.50	-33 41 33.9	17.9 N	I21	P/2009 S1	2009 09 21.43812	04 00 26.46	-10 31 33.5		H06
C/2009 R1	2009 09 19.49154	21 08 41.10	-33 33 04.9	16.9 T	D90	P/2009 S1	2009 09 21.43966	04 00 26.46	-10 31 34.5		H06
C/2009 R1	2009 09 19.49435	21 08 40.91	-33 33 04.5		D90	P/2009 S1	2009 09 21.61620	04 00 31.70	-10 33 58.1	19.2 T	F65
C/2009 R1	2009 09 19.49856	21 08 40.67	-33 33 04.0		D90						

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P/2009 S1	2009 09 21.61741	04 00 31.72	-10 33 59.2	19.0 T	F65
P/2009 S1	2009 09 21.61864	04 00 31.79	-10 34 00.0	19.2 T	F65
P/2009 S1	2009 09 21.61993	04 00 31.82	-10 34 01.2	19.4 T	F65
P/2009 S1	2009 09 22.09431	04 00 45.50	-10 40 28.7		204
P/2009 S1	2009 09 22.15141	04 00 47.03	-10 41 15.3	19.0 N	204
P/2009 S1	2009 09 22.42526	04 00 54.85	-10 44 57.3	19.7 N	854
P/2009 S1	2009 09 22.43294	04 00 55.01	-10 45 03.6	19.9 N	854
P/2009 S1	2009 09 22.44062	04 00 55.20	-10 45 09.6	19.5 N	854
P/2009 S1	2009 09 22.48032	04 00 56.32	-10 45 43.3	19.8 N	673
P/2009 S1	2009 09 22.48727	04 00 56.45	-10 45 47.9		673
P/2009 S1	2009 09 22.49421	04 00 56.65	-10 45 54.0		673
P/2009 S1	2009 09 22.50347	04 00 56.94	-10 46 02.0		673
P/2009 S1	2009 09 24.09351	04 01 39.01	-11 07 44.4	18.4 T	585
P/2009 S1	2009 09 24.09497	04 01 39.08	-11 07 45.0	18.5 T	585
P/2009 S1	2009 09 24.09983	04 01 39.16	-11 07 50.7	18.4 T	585
P/2009 S1	2009 09 24.10128	04 01 39.27	-11 07 51.5		585
P/2009 S1	2009 09 24.10277	04 01 39.30	-11 07 53.0		585
P/2009 S1	2009 09 24.10438	04 01 39.34	-11 07 53.6		585
P/2009 S1	2009 09 25.35856	04 02 09.64	-11 25 01.1	19.1 T	H06
P/2009 S1	2009 09 25.36228	04 02 09.68	-11 25 04.8		H06
P/2009 S1	2009 09 25.36600	04 02 09.72	-11 25 08.5		H06
P/2009 S1	2009 09 25.38811	04 02 10.41	-11 25 26.6	18.2 N	H10
P/2009 S1	2009 09 25.39164	04 02 10.41	-11 25 29.0	18.7 N	H10
P/2009 S1	2009 09 25.39519	04 02 10.54	-11 25 30.0	18.6 N	H10
P/2009 S1	2009 09 25.67689	04 02 16.82	-11 29 23.1	18.7 T	349
P/2009 S1	2009 09 25.68359	04 02 17.00	-11 29 29.3		349
P/2009 S1	2009 09 27.03713	04 02 46.33	-11 48 06.2	18.4 N	213
P/2009 S1	2009 09 27.03831	04 02 46.36	-11 48 07.0	18.4 N	213
P/2009 S1	2009 09 27.04069	04 02 46.39	-11 48 09.1	18.2 N	213
P/2009 S1	2009 09 27.12186	04 02 47.94	-11 49 16.4	18.1 N	A77
P/2009 S1	2009 09 27.12810	04 02 48.03	-11 49 21.9	17.7 N	A77
P/2009 S1	2009 09 27.13355	04 02 48.15	-11 49 26.5	17.9 N	A77
P/2009 S1	2009 09 28.97929	04 03 22.74	-12 14 52.5	18.1 N	585
P/2009 S1	2009 09 28.99191	04 03 22.91	-12 15 02.6	18.0 N	585
P/2009 S1	2009 09 29.37896	04 03 29.52	-12 20 20.8	18.3 N	850
P/2009 S1	2009 09 29.39406	04 03 29.70	-12 20 34.9	18.7 N	850
P/2009 S1	2009 09 29.40910	04 03 29.81	-12 20 46.6	18.7 N	850
P/2009 S1	2009 09 30.17980	04 03 42.19	-12 31 23.8	18.4 N	A77
P/2009 S1	2009 09 30.18449	04 03 42.32	-12 31 28.8	18.2 N	A77

P/2009 S2 (McNaught)

P/2009 S2	2008 05 30.36142	17 22 37.48	+05 57 56.7	21.2 N	G96
P/2009 S2	2008 05 30.36696	17 22 37.23	+05 57 56.1	21.1 N	G96
P/2009 S2	2008 05 30.37245	17 22 37.02	+05 57 56.2	21.0 N	G96
P/2009 S2	2008 05 30.37800	17 22 36.76	+05 57 55.8	21.7 N	G96
P/2009 S2	2009 08 03.79574	02 48 59.97	-16 18 18.7	19.7 N	E12
P/2009 S2	2009 08 03.80424	02 49 00.76	-16 18 22.5	19.1 N	E12
P/2009 S2	2009 08 03.81275	02 49 01.34	-16 18 27.0	19.5 N	E12
P/2009 S2	2009 08 03.82116	02 49 02.24	-16 18 31.0	19.9 N	E12
P/2009 S2	2009 09 20.67787	03 33 06.64	-24 36 16.8		1 E12
P/2009 S2	2009 09 20.68717	03 33 06.68	-24 36 23.4	18.7 T	1 E12
P/2009 S2	2009 09 20.69664	03 33 06.82	-24 36 29.2	18.6 T	1 E12
P/2009 S2	2009 09 20.70632	03 33 06.95	-24 36 35.8	19.1 T	1 E12

P/2009 S2	2009 09 20.77418	03 33 07.65	-24 37 20.4	18.9 T	1 E12
P/2009 S2	2009 09 20.77618	03 33 07.65	-24 37 22.2	18.4 T	1 E12
P/2009 S2	2009 09 20.78554	03 33 07.70	-24 37 28.1	18.4 T	1 E12
P/2009 S2	2009 09 21.64139	03 33 18.38	-24 46 51.5	18.9 N	1 E12
P/2009 S2	2009 09 21.64829	03 33 18.37	-24 46 56.3		1 E12
P/2009 S2	2009 09 23.72595	03 33 37.17	-25 09 24.9	18.5 T	1 E12
P/2009 S2	2009 09 23.74537	03 33 37.28	-25 09 37.9	18.5 T	1 E12
P/2009 S2	2009 09 23.74842	03 33 37.31	-25 09 39.8	18.8 T	1 E12
P/2009 S2	2009 09 24.16115	03 33 40.39	-25 14 03.3		I21
P/2009 S2	2009 09 24.20870	03 33 40.73	-25 14 34.7		I21
P/2009 S2	2009 09 24.35643	03 33 41.43	-25 16 13.6	18.7 T	H06
P/2009 S2	2009 09 24.36132	03 33 41.41	-25 16 17.0	18.5 T	H06
P/2009 S2	2009 09 24.36525	03 33 41.34	-25 16 19.5	18.5 T	H06
P/2009 S2	2009 09 24.39836	03 33 41.64	-25 16 40.6	19.4 N	854
P/2009 S2	2009 09 24.40796	03 33 41.64	-25 16 46.7	19.2 N	854
P/2009 S2	2009 09 24.41755	03 33 41.56	-25 16 52.3	19.1 N	854
P/2009 S2	2009 09 24.44778	03 33 41.77	-25 17 12.1	19.1 T	H01
P/2009 S2	2009 09 24.46898	03 33 41.86	-25 17 26.1	19.1 T	H01
P/2009 S2	2009 09 24.47398	03 33 41.87	-25 17 29.3	19.1 T	H01
P/2009 S2	2009 09 24.47926	03 33 41.90	-25 17 32.5	19.0 T	H01
P/2009 S2	2009 09 24.65996	03 33 43.05	-25 19 22.0	18.5 T	1 E12
P/2009 S2	2009 09 24.66233	03 33 43.07	-25 19 23.4	18.7 T	1 E12
P/2009 S2	2009 09 24.66468	03 33 43.08	-25 19 25.2	18.7 T	1 E12
P/2009 S2	2009 09 24.66735	03 33 43.09	-25 19 26.7	18.8 T	1 E12
P/2009 S2	2009 09 24.76493	03 33 43.49	-25 20 28.4	18.9 N	D21
P/2009 S2	2009 09 24.78069	03 33 43.59	-25 20 38.0	18.8 N	D21
P/2009 S2	2009 09 24.79514	03 33 43.60	-25 20 47.6	18.9 N	D21
P/2009 S2	2009 09 25.37749	03 33 46.20	-25 27 00.0	18.7 T	H06
P/2009 S2	2009 09 25.38121	03 33 46.20	-25 27 03.2		H06
P/2009 S2	2009 09 25.38492	03 33 46.22	-25 27 05.4		H06
P/2009 S2	2009 09 28.15199	03 33 49.02	-25 55 35.1	18.4 N	204
P/2009 S2	2009 09 28.16159	03 33 49.02	-25 55 41.4		204
P/2009 S2	2009 09 29.01565	03 33 46.98	-26 04 13.7	18.0 N	585
P/2009 S2	2009 09 29.01573	03 33 47.02	-26 04 14.5	18.0 N	585

C/2009 S3 (Lemmon)

C/2009 S3	2009 09 24.16207	18 01 23.44	+33 14 06.3	20.9 N	G96
C/2009 S3	2009 09 24.16969	18 01 23.55	+33 14 04.8	21.1 N	G96
C/2009 S3	2009 09 24.17735	18 01 23.62	+33 14 02.6	20.8 N	G96
C/2009 S3	2009 09 24.18513	18 01 23.70	+33 14 00.5	20.7 N	G96
C/2009 S3	2009 09 24.22988	18 01 24.20	+33 13 49.6	21.1 N	G96
C/2009 S3	2009 09 24.23827	18 01 24.31	+33 13 47.3	21.6 N	G96
C/2009 S3	2009 09 24.24709	18 01 24.38	+33 13 45.5	19.8 N	G96
C/2009 S3	2009 09 24.25588	18 01 24.49	+33 13 42.9	21.3 N	G96
C/2009 S3	2009 09 24.87628	18 01 31.83	+33 11 12.9		5 J95
C/2009 S3	2009 09 25.25123	18 01 36.15	+33 09 41.9	20.7 N	G96
C/2009 S3	2009 09 25.25842	18 01 36.30	+33 09 40.6	20.7 N	G96
C/2009 S3	2009 09 25.26557	18 01 36.44	+33 09 39.0	21.1 N	G96
C/2009 S3	2009 09 25.27271	18 01 36.55	+33 09 37.5	20.9 N	G96
C/2009 S3	2009 09 25.88015	18 01 44.00	+33 07 11.3		5 J95
C/2009 S3	2009 09 26.15946	18 01 47.46	+33 06 04.2	20.4 T	H01
C/2009 S3	2009 09 26.17254	18 01 47.61	+33 06 01.0	20.7 T	H01
C/2009 S3	2009 09 26.17392	18 01 47.64	+33 06 00.9	20.8 N	G96

C/2009 S3	2009 09 26.17761	18 01 47.67	+33 05 59.8	20.7 T	H01	22P	2009 08 13.87719	22 56 50.16	-12 18 13.5	13.6 N	B18
C/2009 S3	2009 09 26.18115	18 01 47.71	+33 05 58.3	20.6 N	G96	22P	2009 08 13.87964	22 56 50.05	-12 18 15.0	13.6 N	B18
C/2009 S3	2009 09 26.19125	18 01 47.84	+33 05 56.5	20.5 T	H01	22P	2009 08 16.21859	22 55 46.96	-12 36 47.2		H10
C/2009 S3	2009 09 26.19606	18 01 47.89	+33 05 55.3	21.0 N	G96	22P	2009 08 16.22191	22 55 46.85	-12 36 48.6		H10
C/2009 S3	2009 09 26.84790	18 01 56.26	+33 03 17.6		5 J95	22P	2009 08 19.03689	22 54 21.58	-12 59 06.6	13.4 N	212
C/2009 S3	2009 09 27.15282	18 02 00.17	+33 02 04.6		G96	22P	2009 08 19.03904	22 54 21.50	-12 59 07.6	13.4 N	212
C/2009 S3	2009 09 27.15935	18 02 00.27	+33 02 03.4	20.6 N	G96	22P	2009 08 19.04119	22 54 21.42	-12 59 08.1	13.4 N	212
C/2009 S3	2009 09 27.16595	18 02 00.31	+33 02 02.2		G96	22P	2009 08 23.56965	22 51 50.74	-13 34 01.0		D81
C/2009 S3	2009 09 27.20142	18 02 00.81	+33 01 53.4	20.7 T	H01	22P	2009 08 23.57145	22 51 50.67	-13 34 02.0		D81
C/2009 S3	2009 09 27.20498	18 02 00.86	+33 01 52.4	20.7 T	H01	22P	2009 08 23.57328	22 51 50.60	-13 34 02.6		D81
C/2009 S3	2009 09 27.21454	18 02 00.98	+33 01 50.2	20.6 T	H01	22P	2009 08 23.57513	22 51 50.53	-13 34 03.6	10.7 T	D81
C/2009 S3	2009 09 27.22191	18 02 01.07	+33 01 48.2	20.4 T	H01	22P	2009 08 23.60175	22 51 49.48	-13 34 16.2	13.9 N	D95
C/2009 S3	2009 09 27.22556	18 02 01.12	+33 01 47.5	20.6 T	H01	22P	2009 08 23.60284	22 51 49.42	-13 34 16.4	13.9 N	D95
2P/Encke						22P	2009 08 23.60362	22 51 49.44	-13 34 17.0	13.9 N	D95
2P	2009 09 16.28621	23 34 46.02	+03 38 27.6	19.4 T	G96	22P	2009 08 24.54860	22 51 16.60	-13 41 18.9	13.6 N	D95
2P	2009 09 16.29312	23 34 45.55	+03 38 25.0	19.3 T	G96	22P	2009 08 24.55060	22 51 16.50	-13 41 19.2	14.1 N	D95
2P	2009 09 16.30028	23 34 45.01	+03 38 22.4	19.4 T	G96	22P	2009 08 24.55128	22 51 16.44	-13 41 19.7	14.0 N	D95
2P	2009 09 16.30724	23 34 44.54	+03 38 19.9	19.3 T	G96	22P	2009 08 24.55211	22 51 16.41	-13 41 20.7	12.9 N	D95
2P	2009 09 16.33742	23 34 42.38	+03 38 08.9	19.2 T	G96	22P	2009 08 25.00080	22 51 00.34	-13 44 39.3	13.2 N	A32
2P	2009 09 16.34236	23 34 42.06	+03 38 07.1	19.3 T	G96	22P	2009 08 25.00454	22 51 00.22	-13 44 41.3	13.3 N	A32
2P	2009 09 16.34724	23 34 41.70	+03 38 05.3	19.2 T	G96	22P	2009 08 25.00752	22 51 00.10	-13 44 42.2	13.3 N	A32
2P	2009 09 16.35214	23 34 41.37	+03 38 03.5	19.2 T	G96	22P	2009 08 25.71680	22 50 34.90	-13 49 39.5		D25
2P	2009 09 19.84234	23 30 38.39	+03 16 16.6	19.0 N	213	22P	2009 08 25.74160	22 50 33.98	-13 49 50.1		D25
2P	2009 09 19.86025	23 30 37.12	+03 16 10.1	19.0 N	213	22P	2009 08 25.89433	22 50 28.80	-13 51 08.4	14.8 N	585
2P	2009 09 19.87627	23 30 35.99	+03 16 04.0	19.1 N	213	22P	2009 08 25.89513	22 50 28.80	-13 51 08.2	14.6 N	585
2P	2009 09 19.89810	23 30 34.43	+03 15 56.0	19.0 N	204	22P	2009 08 25.90282	22 50 28.53	-13 51 11.3	14.6 N	585
2P	2009 09 19.99129	23 30 27.80	+03 15 20.4		204	22P	2009 08 25.90332	22 50 28.51	-13 51 11.6	14.5 N	585
2P	2009 09 22.83199	23 27 09.41	+02 57 06.3	19.0 N	A77	22P	2009 08 25.90382	22 50 28.50	-13 51 11.7	14.5 N	585
2P	2009 09 22.84136	23 27 08.74	+02 57 02.6	18.7 N	A77	22P	2009 08 25.90407	22 50 28.48	-13 51 11.7	14.5 N	585
2P	2009 09 22.85073	23 27 08.10	+02 56 58.6	19.2 N	A77	22P	2009 08 25.90432	22 50 28.47	-13 51 11.8	14.5 N	585
2P	2009 09 23.13415	23 26 48.27	+02 55 09.5	19.8 T	691	22P	2009 08 25.90457	22 50 28.45	-13 51 12.1	14.5 N	585
2P	2009 09 23.14924	23 26 47.23	+02 55 03.6	19.7 T	691	22P	2009 08 25.90481	22 50 28.41	-13 51 12.5	14.6 N	585
2P	2009 09 23.16435	23 26 46.13	+02 54 57.6	19.7 T	691	22P	2009 08 25.90507	22 50 28.40	-13 51 12.6	14.5 N	585
9P/Tempel						22P	2009 08 26.76325	22 49 57.44	-13 57 08.9		D25
9P	2009 09 22.61725	08 22 45.14	+25 38 31.3	21.0 N	F65	22P	2009 08 27.99541	22 49 14.00	-14 05 55.5	13.4 N	J45
9P	2009 09 22.62080	08 22 45.32	+25 38 31.0	20.9 N	F65	22P	2009 08 28.01087	22 49 13.39	-14 06 02.2	13.4 N	J45
9P	2009 09 23.61326	08 23 45.39	+25 37 11.7	20.9 N	F65	22P	2009 08 28.38308	22 49 00.14	-14 08 34.4	13.7 T	F59
9P	2009 09 23.61979	08 23 45.79	+25 37 11.2	21.1 N	F65	22P	2009 08 28.38677	22 48 59.97	-14 08 37.1	13.8 T	F59
22P/Kopff						22P	2009 08 28.39026	22 48 59.84	-14 08 37.0	13.8 T	F59
22P	2009 07 23.65855	22 59 00.81	-09 52 19.7		D25	22P	2009 08 28.39388	22 48 59.68	-14 08 38.8	13.8 T	F59
22P	2009 07 23.66296	22 59 00.89	-09 52 21.9		D25	22P	2009 08 28.39732	22 48 59.56	-14 08 40.3	13.8 T	F59
22P	2009 07 23.66617	22 59 00.92	-09 52 22.6		D25	22P	2009 08 28.92436	22 48 40.67	-14 12 18.0	13.4 N	204
22P	2009 08 01.57514	22 59 58.98	-10 45 32.9		D25	22P	2009 08 29.04461	22 48 35.98	-14 13 07.1		204
22P	2009 08 01.57851	22 59 58.90	-10 45 34.2		D25	22P	2009 08 29.36476	22 48 25.03	-14 15 12.4	14.0 T	F59
22P	2009 08 01.58205	22 59 58.91	-10 45 35.8		D25	22P	2009 08 29.36818	22 48 24.94	-14 15 14.5	14.1 T	F59
22P	2009 08 13.86907	22 56 50.45	-12 18 08.3	13.5 N	B18	22P	2009 08 29.37166	22 48 24.80	-14 15 15.0	14.0 T	F59
22P	2009 08 13.87069	22 56 50.42	-12 18 08.7	13.7 N	B18	22P	2009 08 29.37513	22 48 24.67	-14 15 16.5	14.0 T	F59
22P	2009 08 13.87150	22 56 50.37	-12 18 09.4	13.6 N	B18	22P	2009 08 29.37870	22 48 24.49	-14 15 17.8	14.0 T	F59
22P	2009 08 13.87314	22 56 50.32	-12 18 10.3	13.5 N	B18	22P	2009 08 29.83824	22 48 07.19	-14 18 11.7	14.1 N	D25
22P	2009 08 13.87476	22 56 50.28	-12 18 11.2	13.5 N	B18	22P	2009 08 29.85880	22 48 06.61	-14 18 20.9	14.4 N	D25
22P	2009 08 13.87638	22 56 50.23	-12 18 11.9	13.5 N	B18	22P	2009 08 29.94065	22 48 04.28	-14 19 07.5	13.0 N	A71
						22P	2009 08 29.94318	22 48 04.13	-14 19 06.1	12.9 N	A71
						22P	2009 08 29.94572	22 48 04.03	-14 19 07.7	12.9 N	A71

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22P	2009 08 29.94825	22 48 03.92	-14 19 08.2	12.9 N	A71	22P	2009 08 31.35598	22 47 13.50	-14 28 10.7	12.5 N	H45
22P	2009 08 29.95079	22 48 03.81	-14 19 08.9	12.9 N	A71	22P	2009 08 31.35781	22 47 13.42	-14 28 11.6	12.5 N	H45
22P	2009 08 29.95333	22 48 03.74	-14 19 10.3	12.9 N	A71	22P	2009 09 01.33494	22 46 39.00	-14 34 16.7	13.4 N	H47
22P	2009 08 29.95830	22 48 03.73	-14 19 11.0	13.4 N	J35	22P	2009 09 01.34072	22 46 38.78	-14 34 18.8	13.3 N	H47
22P	2009 08 29.97034	22 48 03.27	-14 19 15.9	13.3 N	J35	22P	2009 09 01.34641	22 46 38.57	-14 34 20.9	13.3 N	H47
22P	2009 08 29.98281	22 48 02.80	-14 19 21.0	13.4 N	J35	22P	2009 09 02.31294	22 46 04.94	-14 40 10.8	14.1 N	H47
22P	2009 08 30.04760	22 48 00.26	-14 19 46.8	13.4 N	J38	22P	2009 09 02.32317	22 46 04.54	-14 40 14.2	14.1 N	H47
22P	2009 08 30.04816	22 48 00.22	-14 19 47.0	13.3 N	J38	22P	2009 09 02.34454	22 46 03.71	-14 40 21.9	14.1 N	H47
22P	2009 08 30.04870	22 48 00.20	-14 19 47.0	13.7 N	J05	22P	2009 09 05.87217	22 44 05.09	-15 00 02.2	13.6 N	A81
22P	2009 08 30.05042	22 48 00.15	-14 19 47.9	13.3 N	J38	22P	2009 09 05.87503	22 44 04.98	-15 00 03.2	13.8 N	A81
22P	2009 08 30.05282	22 48 00.03	-14 19 48.8	13.8 N	J05	22P	2009 09 05.87824	22 44 04.87	-15 00 04.0	13.7 N	A81
22P	2009 08 30.05601	22 47 59.91	-14 19 49.5	14.1 N	J05	22P	2009 09 05.94163	22 44 02.71	-15 00 23.6	14.2 N	J59
22P	2009 08 30.06863	22 47 59.41	-14 19 54.4	13.4 N	945	22P	2009 09 05.95269	22 44 02.34	-15 00 27.2	14.2 N	J59
22P	2009 08 30.06991	22 47 59.35	-14 19 55.2	13.4 N	945	22P	2009 09 05.96299	22 44 01.96	-15 00 30.7	13.6 N	J59
22P	2009 08 30.07212	22 47 59.29	-14 19 56.5	13.4 N	945	22P	2009 09 05.99606	22 44 00.78	-15 00 41.0	13.6 N	945
22P	2009 08 30.07601	22 47 59.11	-14 19 57.7	13.4 N	945	22P	2009 09 05.99791	22 44 00.71	-15 00 41.4	13.6 N	945
22P	2009 08 30.07720	22 47 59.10	-14 19 58.2	13.4 N	945	22P	2009 09 06.00002	22 44 00.62	-15 00 41.5	13.6 N	945
22P	2009 08 30.07971	22 47 59.54	-14 19 46.5	14.0 N	I32	22P	2009 09 06.00156	22 44 00.62	-15 00 42.8	13.6 N	945
22P	2009 08 30.08225	22 47 59.36	-14 19 47.8	14.1 N	I32	22P	2009 09 06.00284	22 44 00.58	-15 00 42.3	13.6 N	945
22P	2009 08 30.08456	22 47 59.32	-14 19 48.4	14.0 N	I32	22P	2009 09 06.94581	22 43 30.26	-15 05 29.0	13.6 N	945
22P	2009 08 30.08686	22 47 59.18	-14 19 50.3	13.9 N	I32	22P	2009 09 06.95757	22 43 29.85	-15 05 32.9	13.6 N	945
22P	2009 08 30.45300	22 47 45.87	-14 22 22.7	14.0 T	F59	22P	2009 09 06.96204	22 43 29.71	-15 05 34.2	13.6 N	945
22P	2009 08 30.45640	22 47 45.75	-14 22 23.9	13.9 T	F59	22P	2009 09 06.96370	22 43 29.62	-15 05 34.5	13.6 N	945
22P	2009 08 30.46034	22 47 45.58	-14 22 25.7	14.0 T	F59	22P	2009 09 06.96859	22 43 29.47	-15 05 35.9	13.6 N	945
22P	2009 08 30.46374	22 47 45.47	-14 22 27.2	14.0 T	F59	22P	2009 09 06.98762	22 43 29.26	-15 05 28.6	14.1 N	I32
22P	2009 08 30.46720	22 47 45.27	-14 22 28.2	13.8 T	F59	22P	2009 09 06.98821	22 43 29.24	-15 05 29.0	14.2 N	I32
22P	2009 08 30.56389	22 47 42.18	-14 23 07.8	13.6 N	900	22P	2009 09 06.98880	22 43 29.19	-15 05 29.4	14.3 N	I32
22P	2009 08 30.56745	22 47 42.03	-14 23 09.2		900	22P	2009 09 07.61419	22 43 08.86	-15 08 44.0	11.8 T	349
22P	2009 08 30.67257	22 47 37.91	-14 23 48.4	14.2 N	372	22P	2009 09 07.61713	22 43 08.77	-15 08 44.7		349
22P	2009 08 30.93348	22 47 29.05	-14 25 30.5	14.0 N	J59	22P	2009 09 08.00858	22 42 56.48	-15 10 37.3	13.7 N	945
22P	2009 08 30.94396	22 47 28.65	-14 25 34.6	14.0 N	J59	22P	2009 09 08.01288	22 42 56.38	-15 10 38.9	13.7 N	945
22P	2009 08 30.95468	22 47 28.24	-14 25 38.9	14.0 N	J59	22P	2009 09 08.02583	22 42 55.96	-15 10 42.4	13.7 N	945
22P	2009 08 30.95917	22 47 28.19	-14 25 39.3	13.1 N	J47	22P	2009 09 08.03826	22 42 55.53	-15 10 45.9	13.7 N	945
22P	2009 08 30.96549	22 47 27.94	-14 25 42.7	13.1 N	J47	22P	2009 09 08.04025	22 42 56.00	-15 10 34.7	14.4 N	I32
22P	2009 08 30.97508	22 47 27.64	-14 25 44.6	13.1 N	J47	22P	2009 09 08.04075	22 42 55.98	-15 10 34.8	14.5 N	I32
22P	2009 08 30.99738	22 47 26.59	-14 25 55.7	13.4 N	945	22P	2009 09 08.04221	22 42 55.84	-15 10 35.3	14.3 N	I32
22P	2009 08 30.99851	22 47 26.55	-14 25 55.8	13.3 N	945	22P	2009 09 08.04324	22 42 55.34	-15 10 46.9	13.7 N	945
22P	2009 08 30.99966	22 47 26.51	-14 25 56.2	13.4 N	945	22P	2009 09 08.08394	22 42 54.67	-15 10 57.1	14.9 T	750
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22P	2009 08 31.01159	22 47 26.05	-14 26 01.1	13.4 N	945	22P	2009 09 08.31236	22 42 46.92	-15 12 00.8	14.2 N	H47
22P	2009 08 31.04670	22 47 24.69	-14 26 14.1	13.4 N	J38	22P	2009 09 08.31945	22 42 46.66	-15 12 02.5	14.2 N	H47
22P	2009 08 31.04781	22 47 24.66	-14 26 14.6	13.4 N	J38	22P	2009 09 08.32637	22 42 46.42	-15 12 05.2	13.9 N	H47
22P	2009 08 31.04938	22 47 24.60	-14 26 15.3	13.4 N	J38	22P	2009 09 08.51650	22 42 41.13	-15 12 58.8	14.0 N	D95
22P	2009 08 31.05227	22 47 24.42	-14 26 17.0	13.4 N	B74	22P	2009 09 08.51711	22 42 41.10	-15 12 59.8	13.2 N	D95
22P	2009 08 31.05889	22 47 24.14	-14 26 19.3	13.4 N	B74	22P	2009 09 08.51774	22 42 41.12	-15 12 58.8	14.4 N	D95
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22P	2009 08 31.34802	22 47 13.79	-14 28 07.7	12.8 N	H45	22P	2009 09 08.96731	22 42 27.13	-15 15 03.2	14.0 N	A32
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22P	2009 08 31.35102	22 47 13.68	-14 28 08.8	12.7 N	H45	22P	2009 09 09.42209	22 42 13.70	-15 16 50.8	14.3 N	E94
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22P	2009 09 09.98101	22 41 57.13	-15 19 26.9	13.9 N	J51	22P	2009 09 16.46859	22 39 09.69	-15 41 58.3		D95
22P	2009 09 09.98654	22 41 56.94	-15 19 28.4	13.9 N	J51	22P	2009 09 16.46963	22 39 09.68	-15 41 59.0		D95
22P	2009 09 09.99207	22 41 56.75	-15 19 29.3	13.9 N	J51	22P	2009 09 16.47057	22 39 09.64	-15 41 58.7		D95
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22P	2009 09 10.95396	22 41 29.10	-15 23 27.9	14.2 N	J46	22P	2009 09 16.92587	22 38 59.80	-15 43 08.9	14.1 N	J51
22P	2009 09 10.95647	22 41 29.00	-15 23 28.6	14.3 N	J46	22P	2009 09 16.92860	22 38 59.68	-15 43 08.2	14.1 N	J47
22P	2009 09 10.95755	22 41 28.98	-15 23 29.0	14.3 N	J46	22P	2009 09 16.93250	22 38 59.65	-15 43 09.8	14.1 N	J51
22P	2009 09 10.96358	22 41 28.78	-15 23 29.3	13.9 N	J47	22P	2009 09 16.94524	22 38 59.08	-15 43 14.0	14.1 N	A32
22P	2009 09 10.97133	22 41 28.52	-15 23 31.3	13.9 N	J47	22P	2009 09 16.94898	22 38 58.99	-15 43 14.7	14.1 N	A32
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22P	2009 09 11.00459	22 41 27.37	-15 23 41.3	13.8 N	945	22P	2009 09 17.87680	22 38 40.04	-15 45 29.6	13.7 T	A77
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22P	2009 09 11.06708	22 41 26.08	-15 23 56.3	15.1 N	750	22P	2009 09 17.90131	22 38 39.47	-15 45 33.1	13.8 T	A77
22P	2009 09 11.08029	22 41 25.70	-15 23 59.6	15.3 N	750	22P	2009 09 17.90576	22 38 39.34	-15 45 34.1	14.5 N	510
22P	2009 09 11.09981	22 41 25.09	-15 24 04.3	15.1 N	750	22P	2009 09 17.91314	22 38 39.16	-15 45 35.1	14.9 N	510
22P	2009 09 11.94605	22 41 01.33	-15 27 20.8	14.6 N	J10	22P	2009 09 17.93322	22 38 38.69	-15 45 38.2	14.1 N	A32
22P	2009 09 11.95327	22 41 01.12	-15 27 22.5	14.9 N	J10	22P	2009 09 17.93620	22 38 38.64	-15 45 38.1	14.2 N	A32
22P	2009 09 11.95961	22 41 00.92	-15 27 24.2	14.9 N	J10	22P	2009 09 17.93631	22 38 38.77	-15 45 37.5	14.0 N	J38
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22P	2009 09 11.97873	22 41 00.32	-15 27 29.4	13.8 N	232	22P	2009 09 17.93918	22 38 38.57	-15 45 38.8	14.2 N	A32
22P	2009 09 11.98193	22 41 00.21	-15 27 30.2	13.8 N	232	22P	2009 09 17.94142	22 38 38.51	-15 45 39.4	14.2 N	A32
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22P	2009 09 12.93324	22 40 34.94	-15 31 01.7	13.4 N	J93	22P	2009 09 17.97973	22 38 37.75	-15 45 42.8	14.2 N	J40
22P	2009 09 12.93508	22 40 35.04	-15 30 58.3	13.8 N	J51	22P	2009 09 17.98257	22 38 37.68	-15 45 43.5	14.1 N	J40
22P	2009 09 12.93762	22 40 34.80	-15 31 00.5	13.5 N	J93	22P	2009 09 17.98490	22 38 37.63	-15 45 44.0	14.1 N	J40
22P	2009 09 12.93980	22 40 34.73	-15 31 00.4	13.4 N	J93	22P	2009 09 18.95333	22 38 18.97	-15 47 52.4	14.2 N	A18
22P	2009 09 12.94020	22 40 34.88	-15 30 59.2	13.8 N	J51	22P	2009 09 18.98687	22 38 18.32	-15 47 55.2	14.2 N	B74
22P	2009 09 12.94532	22 40 34.74	-15 31 00.6	13.8 N	J51	22P	2009 09 18.99067	22 38 18.24	-15 47 55.7	14.1 N	B74
22P	2009 09 13.57317	22 40 18.30	-15 33 11.9	14.0 N	900	22P	2009 09 18.99481	22 38 18.16	-15 47 56.1	14.1 N	B74
22P	2009 09 13.57683	22 40 18.19	-15 33 12.5		900	22P	2009 09 18.99741	22 38 18.18	-15 47 55.6	14.2 N	212
22P	2009 09 13.86957	22 40 10.95	-15 34 12.2	13.7 N	A77	22P	2009 09 19.00033	22 38 18.10	-15 47 55.7	14.2 N	212
22P	2009 09 13.88208	22 40 10.61	-15 34 14.0	14.1 N	A77	22P	2009 09 19.00326	22 38 18.04	-15 47 56.2	14.1 N	212
22P	2009 09 13.89614	22 40 10.23	-15 34 17.3	14.2 N	A77	22P	2009 09 19.00472	22 38 18.02	-15 47 56.8	14.1 N	212
22P	2009 09 13.96750	22 40 08.38	-15 34 28.7	13.9 N	J47	22P	2009 09 19.57718	22 38 07.75	-15 49 03.6		352
22P	2009 09 13.97207	22 40 08.25	-15 34 29.7	14.0 N	J47	22P	2009 09 19.57900	22 38 07.72	-15 49 03.8		352
22P	2009 09 13.97666	22 40 08.12	-15 34 30.7	14.0 N	J47	22P	2009 09 19.58082	22 38 07.70	-15 49 04.0		352
22P	2009 09 14.92132	22 39 44.74	-15 37 32.4	16.5 T	071	22P	2009 09 19.58771	22 38 07.57	-15 49 06.1		900
22P	2009 09 14.92377	22 39 44.72	-15 37 31.7	16.8 T	071	22P	2009 09 19.59139	22 38 07.47	-15 49 06.4	14.0 N	900
22P	2009 09 14.92640	22 39 44.79	-15 37 41.0	16.6 T	071	22P	2009 09 19.83531	22 38 03.49	-15 49 34.3	14.4 N	473
22P	2009 09 14.92800	22 39 44.64	-15 37 34.8	16.4 T	071	22P	2009 09 19.83541	22 38 03.45	-15 49 34.2	14.0 N	235
22P	2009 09 14.93049	22 39 44.59	-15 37 40.3	16.8 T	071	22P	2009 09 20.01329	22 38 00.53	-15 49 42.1	15.0 N	I32

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22P	2009 09 20.01543	22 38 00.51	-15 49 42.3	14.6 N	I32	22P	2009 09 24.84413	22 36 55.54	-15 55 37.3	14.3 N	A32
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22P	2009 09 20.51303	22 37 52.07	-15 50 44.8	14.6 N	D95	22P	2009 09 24.88226	22 36 55.16	-15 55 38.6	14.3 N	213
22P	2009 09 20.51402	22 37 51.98	-15 50 44.1	13.6 N	D95	22P	2009 09 24.88545	22 36 55.12	-15 55 38.7	14.3 N	213
22P	2009 09 20.51501	22 37 52.02	-15 50 44.4	13.5 N	D95	22P	2009 09 24.88669	22 36 55.10	-15 55 38.6	14.3 N	213
22P	2009 09 20.51595	22 37 52.02	-15 50 44.5	14.6 N	D95	22P	2009 09 25.83899	22 36 46.70	-15 56 04.1	14.1 N	B26
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22P	2009 09 20.52065	22 37 51.86	-15 50 45.6	14.5 N	D95	22P	2009 09 25.88505	22 36 46.28	-15 56 05.3	14.0 N	939
22P	2009 09 20.85252	22 37 46.56	-15 51 17.7	14.5 N	B15	22P	2009 09 25.88969	22 36 46.19	-15 56 05.4	14.0 N	939
22P	2009 09 20.85332	22 37 46.49	-15 51 17.6	14.9 N	B15	22P	2009 09 25.89058	22 36 46.21	-15 56 05.2	14.0 N	J59
22P	2009 09 20.85413	22 37 46.49	-15 51 17.6	14.6 N	B15	22P	2009 09 25.90050	22 36 46.10	-15 56 05.7	14.1 N	J59
22P	2009 09 21.20914	22 37 40.60	-15 51 39.0	14.3 N	844	22P	2009 09 25.91230	22 36 45.98	-15 56 05.9	14.0 N	J59
22P	2009 09 21.22054	22 37 40.38	-15 51 39.6	14.5 N	844	22P	2009 09 25.93793	22 36 45.70	-15 56 06.3	14.1 N	232
22P	2009 09 21.23300	22 37 40.18	-15 51 40.8	14.2 N	844	22P	2009 09 25.94028	22 36 45.67	-15 56 06.3	14.0 N	232
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22P	2009 09 21.98720	22 37 29.38	-15 52 54.6	14.2 N	945	22P	2009 09 27.32540	22 36 35.77	-15 56 20.3	14.6 N	H45
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22P	2009 09 22.88387	22 37 17.46	-15 53 59.7	15 N	B58	22P	2009 09 27.84701	22 36 33.44	-15 56 19.9	15.7 N	B33
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22P	2009 09 23.87312	22 37 05.61	-15 54 55.4	13.6 N	5 215	22P	2009 09 28.75282	22 36 29.03	-15 55 58.1		D25
22P	2009 09 23.95000	22 37 04.68	-15 54 59.5	14.3 N	945	22P	2009 09 28.91300	22 36 29.01	-15 56 05.3	14.3 N	J38
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22P	2009 09 23.95557	22 37 04.61	-15 54 59.8	14.3 N	945	22P	2009 09 28.92029	22 36 28.93	-15 56 05.6	14.3 N	J38
22P	2009 09 23.95972	22 37 04.56	-15 55 00.2	14.2 N	945	29P/Schwassmann-Wachmann					
22P	2009 09 23.96188	22 37 04.52	-15 55 00.1	14.3 N	945	29P	2009 09 05.79784	09 15 27.60	+15 59 31.8	14.8 T	349
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22P	2009 09 24.46228	22 36 59.48	-15 55 22.9	14.2 N	D95	29P	2009 09 18.79757	09 24 10.35	+15 11 47.7	12.5 N	372
22P	2009 09 24.46365	22 36 59.47	-15 55 22.8	14.4 N	D95	29P	2009 09 23.14206	09 26 55.85	+14 56 10.9	14.0 T	442
22P	2009 09 24.46459	22 36 59.43	-15 55 22.2	14.6 N	D95	29P	2009 09 23.14468	09 26 55.83	+14 56 12.6	14.0 T	442
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22P	2009 09 24.47076	22 36 59.36	-15 55 23.2	14.3 N	D95	29P	2009 09 23.14518	09 26 55.88	+14 56 12.1	14.0 T	442
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22P	2009 09 24.72112	22 36 56.31	-15 55 23.8		D25	29P	2009 09 23.47330	09 27 08.21	+14 55 01.0	13.1 T	H06
22P	2009 09 24.74542	22 36 56.00	-15 55 24.9		D25	29P	2009 09 23.47562	09 27 08.30	+14 55 01.0		H06
22P	2009 09 24.75900	22 36 55.87	-15 55 24.6		D25	29P	2009 09 23.78501	09 27 19.79	+14 53 54.3		D81
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22P	2009 09 24.83368	22 36 55.67	-15 55 38.1	14.3 N	A32	29P	2009 09 23.79236	09 27 20.02	+14 53 53.8	13.0 T	D81

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29P	2009 09 24.14363	09 27 33.28	+14 52 40.3	14.1 T	442	43P	2009 09 06.60749	20 28 32.62	+02 49 08.8	16.9 T	900
29P	2009 09 25.18198	09 28 11.71	+14 48 56.2	14.6 N	213	43P	2009 09 08.87459	20 27 04.56	+02 37 03.9	17.3 N	A32
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29P	2009 09 25.19079	09 28 12.04	+14 48 54.3	14.6 N	213	43P	2009 09 10.56550	20 26 02.87	+02 27 55.4	17.7 T	349
29P	2009 09 27.18389	09 29 24.93	+14 41 54.6	13.6 N	A77	43P	2009 09 10.56987	20 26 02.70	+02 27 53.7		349
29P	2009 09 27.19013	09 29 25.20	+14 41 51.7	12.2 T	A77	43P	2009 09 10.83191	20 25 53.42	+02 26 27.1	18.9 N	B42
29P	2009 09 27.23492	09 29 26.91	+14 41 41.0	14.9 N	J24	43P	2009 09 10.83617	20 25 53.34	+02 26 25.9	19.0 N	B42
29P	2009 09 27.23848	09 29 27.04	+14 41 39.6	14.9 N	J24	43P	2009 09 10.84461	20 25 53.00	+02 26 23.9	19.0 N	B42
29P	2009 09 27.24560	09 29 27.26	+14 41 38.9	14.9 N	J24	43P	2009 09 11.91484	20 25 16.14	+02 20 31.8	16.9 N	J10
29P	2009 09 28.17560	09 30 00.76	+14 38 21.7	12.6 T	A77	43P	2009 09 11.92808	20 25 15.68	+02 20 27.5	18.2 N	J10
29P	2009 09 28.18340	09 30 00.91	+14 38 15.9	14.9 N	A77	43P	2009 09 12.82325	20 24 46.11	+02 15 29.2	17.7 N	235
29P	2009 09 29.15872	09 30 36.07	+14 34 57.0	15.5 N	A77	43P	2009 09 12.83648	20 24 45.70	+02 15 26.4	17.8 N	213
29P	2009 09 29.16964	09 30 36.48	+14 34 54.9	15.5 N	A77	43P	2009 09 12.84701	20 24 45.34	+02 15 22.8	17.9 N	213
29P	2009 09 29.18056	09 30 36.89	+14 34 52.3	13.0 T	A77	43P	2009 09 12.85753	20 24 44.98	+02 15 19.1	17.7 N	213
29P	2009 09 30.15661	09 31 11.51	+14 31 29.7	14.8 N	A77	43P	2009 09 12.91847	20 24 42.78	+02 14 59.8	17.3 N	J40
29P	2009 09 30.16597	09 31 11.81	+14 31 28.5	12.9 T	A77	43P	2009 09 12.93827	20 24 42.25	+02 14 52.4	17.5 N	J40
29P	2009 09 30.17530	09 31 12.20	+14 31 25.0	15.2 N	A77	43P	2009 09 12.96106	20 24 41.51	+02 14 45.0	17.5 N	B82
30P/Reinmuth						43P	2009 09 12.96188	20 24 41.49	+02 14 44.4	17.6 N	J40
30P	2009 08 31.08107	04 46 13.68	+14 16 50.9		204	43P	2009 09 12.96464	20 24 41.40	+02 14 43.0	17.7 N	B82
30P	2009 08 31.12199	04 46 16.60	+14 16 51.9	18.7 N	204	43P	2009 09 12.96821	20 24 41.23	+02 14 41.7	18.1 N	B82
30P	2009 09 06.07555	04 53 15.91	+14 18 50.3	18.9 N	204	43P	2009 09 12.97177	20 24 41.16	+02 14 38.4	18.1 N	B82
30P	2009 09 14.19172	05 02 12.83	+14 17 59.2	18.2 N	J24	43P	2009 09 13.88804	20 24 12.20	+02 09 38.1	18.4 N	J47
30P	2009 09 14.19542	05 02 13.07	+14 17 59.3	18.2 N	J24	43P	2009 09 13.89174	20 24 12.00	+02 09 35.4	18.5 N	J47
30P	2009 09 14.19764	05 02 13.16	+14 17 59.4	18.3 N	J24	43P	2009 09 13.89544	20 24 11.87	+02 09 34.4	18.3 N	J47
30P	2009 09 20.34782	05 08 27.86	+14 14 42.5	19.4 T	704	43P	2009 09 16.14958	20 23 05.16	+01 56 59.0		H10
30P	2009 09 20.35948	05 08 28.62	+14 14 42.5	19.6 T	704	43P	2009 09 16.15411	20 23 04.97	+01 56 57.3	17.4 T	H10
30P	2009 09 20.37110	05 08 29.30	+14 14 41.8	19.4 T	704	43P	2009 09 16.85419	20 22 45.63	+01 53 00.5	17.5 N	A32
30P	2009 09 20.38273	05 08 29.88	+14 14 40.7	20.1 T	704	43P	2009 09 16.85979	20 22 45.48	+01 52 58.5	17.6 N	A32
30P	2009 09 20.39438	05 08 30.65	+14 14 41.1	19.6 T	704	43P	2009 09 16.86539	20 22 45.33	+01 52 56.4	17.8 N	A32
30P	2009 09 20.77261	05 08 52.56	+14 14 24.7		900	43P	2009 09 18.96083	20 21 51.56	+01 41 11.3	17.7 N	212
30P	2009 09 20.77977	05 08 52.97	+14 14 24.9	17.8 T	900	43P	2009 09 19.49200	20 21 39.09	+01 38 11.2		900
30P	2009 09 25.39665	05 13 11.37	+14 10 33.3	18.9 T	704	43P	2009 09 19.49916	20 21 38.85	+01 38 09.4	18.6 T	900
30P	2009 09 25.40875	05 13 11.99	+14 10 33.8	19.1 T	704	43P	2009 09 19.85120	20 21 30.75	+01 36 10.5		204
30P	2009 09 25.42077	05 13 12.64	+14 10 32.8	19.2 T	704	43P	2009 09 19.95307	20 21 28.32	+01 35 36.1	17.8 N	204
30P	2009 09 25.43278	05 13 13.23	+14 10 31.3	19.6 T	704	43P	2009 09 21.79337	20 20 49.09	+01 25 16.2	18.3 N	585
30P	2009 09 25.44493	05 13 13.91	+14 10 31.2	19.1 T	704	43P	2009 09 21.79484	20 20 49.07	+01 25 15.8	18.3 N	585
30P	2009 09 26.08247	05 13 48.03	+14 09 53.1	17.9 N	B33	43P	2009 09 21.79631	20 20 49.03	+01 25 15.1	17.9 N	585
30P	2009 09 26.09268	05 13 48.48	+14 09 53.7	18.6 N	B33	43P	2009 09 21.79778	20 20 49.01	+01 25 14.8	18.1 N	585
43P/Wolf-Harrington						43P	2009 09 21.79925	20 20 48.98	+01 25 14.6	18.1 N	585
43P	2009 08 19.02752	20 43 36.70	+04 12 00.5	18.5 N	212	43P	2009 09 21.80228	20 20 48.93	+01 25 12.9	18.2 N	585
43P	2009 08 24.96975	20 38 19.49	+03 49 26.8	18.2 N	A32	43P	2009 09 21.80522	20 20 48.85	+01 25 12.4	18.3 N	585
43P	2009 08 24.97199	20 38 19.38	+03 49 26.4	17.9 N	A32	43P	2009 09 21.80669	20 20 48.84	+01 25 11.6	18.3 N	585
43P	2009 08 25.85204	20 37 34.22	+03 45 43.8	17.5 N	585	43P	2009 09 22.87840	20 20 28.33	+01 19 13.1	17.3 N	B74
43P	2009 08 25.85624	20 37 33.99	+03 45 43.8	17.5 N	585	43P	2009 09 22.88346	20 20 28.18	+01 19 11.3	17.0 N	B74
43P	2009 08 25.85779	20 37 33.87	+03 45 42.9	17.6 N	585	43P	2009 09 22.88875	20 20 28.05	+01 19 08.7	18.0 N	B82
43P	2009 08 25.85856	20 37 33.85	+03 45 42.9	17.4 N	585	43P	2009 09 22.89020	20 20 27.99	+01 19 08.5	17.5 N	B74
43P	2009 08 28.13757	20 35 39.48	+03 35 42.7	17.8 T	703	43P	2009 09 22.89233	20 20 27.98	+01 19 07.9	18.2 N	B82
43P	2009 08 28.14249	20 35 39.15	+03 35 41.3	17.6 T	703	43P	2009 09 22.89947	20 20 27.83	+01 19 05.1	17.8 N	B82
43P	2009 08 28.14742	20 35 38.90	+03 35 39.1	17.6 T	703	43P	2009 09 22.90303	20 20 27.78	+01 19 03.9	18.2 N	B82
43P	2009 08 28.15214	20 35 38.72	+03 35 38.8	17.6 T	703	43P	2009 09 23.82634	20 20 11.64	+01 13 55.0	18.2 N	160
43P	2009 08 29.02257	20 34 55.80	+03 31 41.7	17.9 N	212	43P	2009 09 23.82906	20 20 11.61	+01 13 52.4	18.3 N	160
						43P	2009 09 23.83079	20 20 11.60	+01 13 51.0	18.8 N	160

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43P	2009 09 24.16893	20 20 05.78	+01 12 01.3	19.4 T	291
43P	2009 09 24.17430	20 20 05.68	+01 12 00.0	19.6 T	291
43P	2009 09 25.80673	20 19 40.97	+01 02 56.6	19.0 N	970
43P	2009 09 25.82945	20 19 40.53	+01 02 48.7	18.9 N	970
43P	2009 09 26.89221	20 19 26.44	+00 56 59.0	18.1 N	B82
43P	2009 09 26.90653	20 19 26.30	+00 56 53.6	18.1 N	B82
43P	2009 09 26.93512	20 19 25.92	+00 56 44.1	18.3 N	B82

47P/Ashbrook-Jackson

47P	2009 09 06.02913	03 51 41.59	+31 11 55.7	18.4 N	204
47P	2009 09 06.10946	03 51 43.82	+31 12 28.5		204
47P	2009 09 09.73289	03 53 21.88	+31 36 40.8	17.8 T	349
47P	2009 09 09.73728	03 53 21.95	+31 36 43.0		349
47P	2009 09 12.93162	03 54 33.71	+31 57 33.7	18.6 N	235
47P	2009 09 15.34136	03 55 18.51	+32 13 01.9		H10
47P	2009 09 15.35030	03 55 18.67	+32 13 05.0		H10
47P	2009 09 15.36000	03 55 18.82	+32 13 08.9	17.4 T	H10
47P	2009 09 16.03317	03 55 29.80	+32 17 23.8	19.2 N	B42
47P	2009 09 16.03954	03 55 29.87	+32 17 26.6	19.3 N	B42
47P	2009 09 16.04590	03 55 30.00	+32 17 29.2	19.4 N	B42
47P	2009 09 17.99334	03 55 57.99	+32 29 40.3	18.3 N	A32
47P	2009 09 17.99751	03 55 58.02	+32 29 41.2	18.4 N	A32
47P	2009 09 18.00192	03 55 57.99	+32 29 43.0	18.2 N	A32
47P	2009 09 19.42437	03 56 14.92	+32 38 30.3	17.8 T	703
47P	2009 09 19.43170	03 56 14.96	+32 38 33.5	17.7 T	703
47P	2009 09 19.43888	03 56 15.03	+32 38 35.7	17.6 T	703
47P	2009 09 19.44630	03 56 15.07	+32 38 38.3	17.5 T	703
47P	2009 09 19.94711	03 56 20.41	+32 41 39.7	18.1 N	235
47P	2009 09 25.00500	03 56 51.84	+33 11 43.8	18.2 N	A32
47P	2009 09 25.01246	03 56 51.83	+33 11 46.5	17.8 N	A32
47P	2009 09 25.01991	03 56 51.86	+33 11 49.1	17.7 N	A32
47P	2009 09 27.96975	03 56 51.86	+33 28 35.8	16.5 N	B33
47P	2009 09 27.97522	03 56 52.13	+33 28 37.1	18.2 N	B33
47P	2009 09 29.35274	03 56 47.40	+33 36 13.7	18.6 T	704
47P	2009 09 29.36506	03 56 47.48	+33 36 18.6	19.2 T	704
47P	2009 09 29.37753	03 56 47.33	+33 36 23.1	19.8 T	704
47P	2009 09 29.38987	03 56 47.29	+33 36 26.6	18.9 T	704
47P	2009 09 29.40222	03 56 47.32	+33 36 30.5	18.9 T	704

54P/de Vico-Swift-NEAT

54P	2009 08 23.94915	21 50 53.49	-19 10 22.5	19.0 T	215
54P	2009 09 19.91174	21 35 25.73	-18 31 15.7	19.0 N	204
54P	2009 09 19.96404	21 35 24.76	-18 31 05.3		204
54P	2009 09 20.56078	21 35 15.35	-18 29 05.0		900
54P	2009 09 20.56793	21 35 15.32	-18 28 59.4	18.3 T	900
54P	2009 09 22.21682	21 34 52.42	-18 23 05.9	19.5 T	291
54P	2009 09 22.22744	21 34 52.29	-18 23 03.6	19.6 T	291
54P	2009 09 22.23938	21 34 52.09	-18 23 00.7	19.6 T	291
54P	2009 09 22.80979	21 34 45.54	-18 20 52.5	18.8 N	A77
54P	2009 09 23.85348	21 34 34.50	-18 16 52.0	19.0 T	215
54P	2009 09 25.23617	21 34 22.95	-18 11 17.8	19.7 T	291
54P	2009 09 25.24039	21 34 22.93	-18 11 16.1	19.5 T	291
54P	2009 09 25.24674	21 34 22.84	-18 11 14.7	19.6 T	291

64P/Swift-Gehrels

64P	2009 08 18.80885	07 19 22.16	+25 57 39.7	14.0 T	372
64P	2009 08 19.18218	07 20 27.21	+25 54 42.3	15.3 N	212
64P	2009 08 19.18363	07 20 27.37	+25 54 42.3	15.3 N	212
64P	2009 08 19.18654	07 20 27.86	+25 54 40.6	15.2 N	212
64P	2009 08 20.08413	07 23 02.88	+25 47 31.1	14.6 N	A71
64P	2009 08 20.08661	07 23 03.35	+25 47 31.2	14.7 N	A71
64P	2009 08 20.08913	07 23 03.69	+25 47 29.0	14.7 N	A71
64P	2009 08 20.09161	07 23 04.14	+25 47 28.0	14.8 N	A71
64P	2009 08 20.09409	07 23 04.56	+25 47 25.8	14.7 N	A71
64P	2009 08 29.45505	07 48 51.38	+24 25 57.8	13.5 T	H06
64P	2009 08 29.45686	07 48 51.81	+24 25 56.1		H06
64P	2009 08 30.07794	07 50 29.84	+24 20 06.8	15.2 N	A71
64P	2009 08 30.08047	07 50 30.05	+24 20 04.3	15.3 N	A71
64P	2009 08 30.08301	07 50 30.49	+24 20 02.9	15.4 N	A71
64P	2009 08 30.08556	07 50 31.08	+24 20 01.3	15.3 N	A71
64P	2009 08 31.07237	07 53 05.77	+24 10 44.5	14.9 N	A71
64P	2009 08 31.07512	07 53 06.15	+24 10 43.6	14.8 N	A71
64P	2009 08 31.07782	07 53 06.65	+24 10 42.4	14.8 N	A71
64P	2009 08 31.08053	07 53 07.07	+24 10 41.0	14.8 N	A71
64P	2009 08 31.08324	07 53 07.49	+24 10 38.9	14.8 N	A71
64P	2009 08 31.13021	07 53 14.82	+24 10 12.7		204
64P	2009 08 31.13386	07 53 15.39	+24 10 10.6		204
64P	2009 08 31.13664	07 53 15.83	+24 10 09.1	15.9 N	204
64P	2009 09 04.78455	08 05 05.31	+23 25 05.6	14.1 T	349
64P	2009 09 04.78694	08 05 05.65	+23 25 04.3		349
64P	2009 09 14.25002	08 27 35.21	+21 48 15.0	16.2 N	J24
64P	2009 09 14.25157	08 27 35.54	+21 48 14.0	16.3 N	J24
64P	2009 09 14.25312	08 27 35.53	+21 48 13.6	16.1 N	J24
64P	2009 09 16.45449	08 32 31.60	+21 24 59.3		H10
64P	2009 09 16.45646	08 32 31.86	+21 24 57.6	15.0 T	H10
64P	2009 09 16.81007	08 33 18.77	+21 21 13.1	15.5 N	372
64P	2009 09 16.82049	08 33 20.10	+21 21 07.3		372
64P	2009 09 18.78507	08 37 37.58	+21 00 12.3	15.7 N	372
64P	2009 09 23.46496	08 47 29.28	+20 10 03.7	14.5 T	H06
64P	2009 09 23.46683	08 47 29.54	+20 10 02.6		H06
64P	2009 09 23.46870	08 47 29.76	+20 10 01.4		H06

65P/Gunn

65P	2009 06 22.18748	12 03 52.01	+08 42 06.5	13.8 T	H10
65P	2009 06 22.19445	12 03 52.26	+08 42 02.9		H10
65P	2009 06 22.20125	12 03 52.50	+08 41 59.4		H10

68P/Klemola

68P	2009 08 26.03161	04 59 48.31	+13 14 57.3	19.9 N	B42
68P	2009 08 31.13098	05 04 30.32	+13 00 47.5	19.8 T	215
68P	2009 09 23.13661	05 19 04.52	+11 37 14.1	20.0 N	204
68P	2009 09 23.15571	05 19 04.94	+11 37 09.6		204
68P	2009 09 29.11520	05 20 54.41	+11 11 31.3	18.7 N	A77
68P	2009 09 29.12296	05 20 54.45	+11 11 30.0	19.1 N	A77
68P	2009 09 29.13076	05 20 54.57	+11 11 28.2	18.3 N	A77

77P/Longmore						88P					
77P	2009 05 15.47299	11 30 04.55	+03 37 02.9	15.2 N	400	88P	2009 09 14.51554	15 17 41.16	-20 30 34.3		D25
77P	2009 05 15.48079	11 30 04.52	+03 36 57.1	15.4 N	400	88P	2009 09 14.54141	15 17 45.91	-20 30 55.6	9.2 T	D25
77P	2009 05 15.48546	11 30 04.54	+03 36 53.6	15.3 N	400	88P	2009 09 16.43967	15 23 42.42	-20 57 03.7		900
77P	2009 08 12.38530	12 53 12.01	-16 20 34.3	15.1 T	E12	88P	2009 09 16.44220	15 23 42.84	-20 57 05.4	13.5 N	900
81P/Wild						88P	2009 09 20.40441	15 36 25.52	-21 49 37.3		349
81P	2009 08 25.11148	07 29 44.18	+20 08 39.7	16.1 T	215	88P	2009 09 20.40514	15 36 25.65	-21 49 37.5		349
81P	2009 08 25.11218	07 29 44.27	+20 08 39.6	16.1 T	215	88P	2009 09 20.40588	15 36 25.82	-21 49 38.1	10.4 T	349
81P	2009 08 25.11289	07 29 44.35	+20 08 39.4	16.1 T	215	88P	2009 09 21.76864	15 40 53.81	-22 07 05.3	12.8 N	A77
81P	2009 08 29.46297	07 38 45.77	+19 49 49.1	15.9 T	H06	88P	2009 09 21.77104	15 40 54.36	-22 07 06.9	13.0 N	A77
81P	2009 08 29.46478	07 38 45.97	+19 49 48.8		H06	88P	2009 09 21.77343	15 40 54.81	-22 07 07.7	12.9 N	A77
81P	2009 08 29.46660	07 38 46.19	+19 49 48.3		H06	88P	2009 09 23.45501	15 46 29.36	-22 28 07.7	14.4 N	367
81P	2009 08 31.12394	07 42 13.24	+19 42 04.6	16.2 T	215	88P	2009 09 23.45582	15 46 29.56	-22 28 07.3	14.1 N	367
81P	2009 08 31.12464	07 42 13.32	+19 42 04.3	16.2 T	215	88P	2009 09 24.41874	15 49 43.10	-22 39 55.3	14.6 N	D95
81P	2009 08 31.12534	07 42 13.41	+19 42 04.0	16.2 T	215	88P	2009 09 24.41970	15 49 43.30	-22 39 54.5	14.8 N	D95
81P	2009 09 06.13822	07 54 48.29	+19 11 42.1	15.4 N	204	88P	2009 09 26.40649	15 56 27.21	-23 03 33.8	12.9 N	D95
81P	2009 09 06.14748	07 54 49.46	+19 11 39.5		204	88P	2009 09 26.42218	15 56 30.49	-23 03 44.8	14.9 N	D95
81P	2009 09 06.48324	07 55 31.79	+19 09 52.1	14.8 T	H06	116P/Wild					
81P	2009 09 06.48505	07 55 32.03	+19 09 51.4		H06	116P	2009 08 23.44122	12 36 50.71	-04 18 11.3		900
81P	2009 09 09.77788	08 02 27.90	+18 51 29.8	15.1 T	349	116P	2009 08 23.44372	12 36 50.99	-04 18 15.1	14.2 N	900
81P	2009 09 09.79082	08 02 29.57	+18 51 25.9		349	118P/Shoemaker-Levy					
81P	2009 09 14.24336	08 11 54.59	+18 24 46.8	15.7 N	J24	118P	2009 08 28.43628	04 44 31.23	+13 36 15.7	17.1 N	H47
81P	2009 09 14.24568	08 11 54.86	+18 24 46.1	15.6 N	J24	118P	2009 08 28.44065	04 44 31.63	+13 36 15.1	16.1 N	H47
81P	2009 09 14.24725	08 11 55.07	+18 24 45.7	15.6 N	J24	118P	2009 08 28.44513	04 44 32.16	+13 36 14.5	16.8 N	H47
81P	2009 09 16.44981	08 16 35.47	+18 10 47.8	14.9 T	H10	118P	2009 08 30.45513	04 47 54.67	+13 35 08.5	15.4 T	703
81P	2009 09 16.48341	08 16 39.39	+18 10 37.5	14.7 T	703	118P	2009 08 30.46780	04 47 55.96	+13 35 08.0	15.5 T	703
81P	2009 09 16.48640	08 16 39.75	+18 10 36.6	14.6 T	703	118P	2009 08 30.47414	04 47 56.72	+13 35 08.6	15.4 T	703
81P	2009 09 16.48934	08 16 40.26	+18 10 34.7	14.7 T	703	118P	2009 08 31.05726	04 48 55.51	+13 34 43.5	15.9 N	A71
81P	2009 09 16.49219	08 16 40.72	+18 10 33.0	14.7 T	703	118P	2009 08 31.06079	04 48 55.90	+13 34 43.1	15.7 N	A71
81P	2009 09 19.81001	08 23 44.44	+17 48 34.2		900	118P	2009 08 31.06431	04 48 56.31	+13 34 43.3	15.7 N	A71
81P	2009 09 19.81717	08 23 45.34	+17 48 31.3	15.3 N	900	118P	2009 09 06.06443	04 58 49.13	+13 28 25.6		204
81P	2009 09 23.47259	08 31 33.53	+17 23 01.6	13.7 T	H06	118P	2009 09 06.12200	04 58 54.66	+13 28 20.8	16.8 N	204
81P	2009 09 23.47446	08 31 33.77	+17 23 00.7		H06	118P	2009 09 09.40016	05 04 10.50	+13 23 13.8		H10
81P	2009 09 23.47633	08 31 34.01	+17 23 00.0		H06	118P	2009 09 09.40432	05 04 10.91	+13 23 14.5	15.9 T	H10
88P/Howell						118P	2009 09 09.40845	05 04 11.23	+13 23 14.9		H10
88P	2009 04 02.67745	13 02 48.43	-01 03 17.2	17.8 N	D93	118P	2009 09 11.42692	05 07 22.46	+13 19 31.0	15.4 T	H10
88P	2009 04 02.67916	13 02 48.29	-01 03 15.1	17.9 N	D93	118P	2009 09 11.43760	05 07 23.35	+13 19 29.0		H10
88P	2009 04 02.68057	13 02 48.19	-01 03 14.9	17.9 N	D93	118P	2009 09 11.44787	05 07 24.41	+13 19 28.4		H10
88P	2009 08 01.53471	13 26 56.07	-09 35 19.1		D25	118P	2009 09 13.40522	05 10 27.23	+13 15 26.3	18.0 T	704
88P	2009 08 01.54589	13 26 57.51	-09 35 31.0		D25	118P	2009 09 13.41661	05 10 28.47	+13 15 24.8	17.8 T	704
88P	2009 08 01.55520	13 26 58.36	-09 35 36.5		D25	118P	2009 09 13.42800	05 10 29.35	+13 15 23.5	17.7 T	704
88P	2009 08 26.48134	14 23 28.71	-15 49 44.9		367	118P	2009 09 13.43940	05 10 30.44	+13 15 21.9	17.6 T	704
88P	2009 08 26.48296	14 23 28.97	-15 49 46.5	12.6 T	367	118P	2009 09 13.45086	05 10 31.50	+13 15 20.5	17.6 T	704
88P	2009 09 01.44070	14 39 24.51	-17 20 19.3	14.0 N	900	118P	2009 09 14.20247	05 11 41.10	+13 13 41.2	16.2 N	J24
88P	2009 09 01.44435	14 39 25.12	-17 20 22.4		900	118P	2009 09 14.20698	05 11 41.55	+13 13 40.8	16.3 N	J24
88P	2009 09 05.41481	14 50 33.45	-18 19 45.2	11.6 T	349	118P	2009 09 14.21036	05 11 41.88	+13 13 40.6	16.2 N	J24
88P	2009 09 05.42152	14 50 34.58	-18 19 51.4		349	118P	2009 09 16.44042	05 15 05.66	+13 08 24.4		H10
88P	2009 09 11.42787	15 08 13.88	-19 47 16.1		D95	118P	2009 09 16.44319	05 15 05.89	+13 08 23.8	15.9 T	H10
88P	2009 09 11.42834	15 08 13.99	-19 47 17.2		D95	118P	2009 09 19.71188	05 19 57.95	+12 59 46.8		352
88P	2009 09 11.42899	15 08 14.11	-19 47 16.5		D95	118P	2009 09 19.71604	05 19 58.26	+12 59 46.3		352
88P	2009 09 11.43113	15 08 14.57	-19 47 19.5		D95	118P	2009 09 19.72021	05 19 58.65	+12 59 45.2		352
88P	2009 09 14.50240	15 17 38.65	-20 30 23.6		D25	118P	2009 09 19.73775	05 20 00.14	+12 59 43.1		900
						118P	2009 09 19.74490	05 20 00.72	+12 59 41.6	16.3 N	900

118P	2009 09 20.34959	05 20 53.86	+12 57 58.6	17.8 T	704	127P	2009 09 14.36810	01 17 36.01	+05 11 47.1	19.1 T	704
118P	2009 09 20.36125	05 20 54.83	+12 57 57.5	17.9 T	704	127P	2009 09 15.95121	01 16 38.11	+05 20 04.3	17.9 N	B42
118P	2009 09 20.37287	05 20 55.83	+12 57 54.7	17.8 T	704	127P	2009 09 15.95760	01 16 37.80	+05 20 06.8	18.6 N	B42
118P	2009 09 20.38450	05 20 56.89	+12 57 53.3	18.0 T	704	127P	2009 09 15.96327	01 16 37.58	+05 20 07.7	18.6 N	B42
118P	2009 09 20.39616	05 20 57.88	+12 57 50.2	17.5 T	704	127P	2009 09 17.91716	01 15 20.62	+05 30 15.6	17.8 N	J40
118P	2009 09 20.75460	05 21 29.18	+12 56 48.9		900	127P	2009 09 17.93267	01 15 19.96	+05 30 19.7	17.6 N	J40
118P	2009 09 20.76175	05 21 29.79	+12 56 47.6	16.5 N	900	127P	2009 09 17.94945	01 15 19.24	+05 30 24.4	17.7 N	J40
118P	2009 09 22.04798	05 23 21.23	+12 52 57.8	16.5 N	B59	127P	2009 09 17.96094	01 15 18.62	+05 30 27.1	17.1 N	A32
118P	2009 09 22.05419	05 23 21.68	+12 52 57.4	16.9 N	B59	127P	2009 09 17.96691	01 15 18.36	+05 30 29.7	17.1 N	A32
118P	2009 09 22.05979	05 23 22.26	+12 52 55.6	16.8 N	B59	127P	2009 09 17.97286	01 15 18.12	+05 30 31.0	17.3 N	A32
118P	2009 09 23.06708	05 24 48.51	+12 49 51.5	16.5 N	J40	127P	2009 09 17.97883	01 15 17.85	+05 30 32.5	17.3 N	A32
118P	2009 09 23.07338	05 24 49.04	+12 49 50.5	16.7 N	J40	127P	2009 09 17.98478	01 15 17.66	+05 30 33.8	17.2 N	A32
118P	2009 09 23.08472	05 24 50.00	+12 49 48.6	16.6 N	J40	127P	2009 09 19.66498	01 14 06.30	+05 39 07.1		352
118P	2009 09 25.39780	05 28 04.20	+12 42 23.4	17.9 T	704	127P	2009 09 19.66914	01 14 06.15	+05 39 08.2		352
118P	2009 09 25.40992	05 28 05.25	+12 42 20.9	18.2 T	704	127P	2009 09 19.94198	01 13 54.31	+05 40 29.1	17.4 N	235
118P	2009 09 25.42193	05 28 06.28	+12 42 18.2	18.4 T	704	127P	2009 09 20.25326	01 13 40.51	+05 42 03.8	17.6 T	691
118P	2009 09 25.43404	05 28 07.23	+12 42 15.8	18.2 T	704	127P	2009 09 20.27089	01 13 39.70	+05 42 08.7	17.8 T	691
118P	2009 09 25.44609	05 28 08.19	+12 42 13.3	18.0 T	704	127P	2009 09 20.28852	01 13 38.85	+05 42 13.8	17.6 T	691
118P	2009 09 27.15568	05 30 28.72	+12 36 23.8	16.4 N	232	127P	2009 09 20.68137	01 13 21.20	+05 44 12.1		900
118P	2009 09 27.15970	05 30 29.04	+12 36 23.1	16.5 N	232	127P	2009 09 20.69200	01 13 20.70	+05 44 14.8	17.4 N	900
118P	2009 09 27.16373	05 30 29.30	+12 36 22.0	16.5 N	232	127P	2009 09 22.95808	01 11 35.38	+05 55 24.4	17.5 N	J40
118P	2009 09 27.17817	05 30 30.59	+12 36 20.3	16.7 N	J51	127P	2009 09 22.95964	01 11 35.33	+05 55 26.0	16.8 N	B74
118P	2009 09 27.18751	05 30 31.33	+12 36 18.2	16.9 N	J51	127P	2009 09 22.96256	01 11 35.18	+05 55 26.6	16.8 N	B74
118P	2009 09 27.19685	05 30 32.07	+12 36 16.2	17.0 N	J51	127P	2009 09 22.96547	01 11 35.00	+05 55 26.9	16.8 N	B74
118P	2009 09 27.41886	05 30 50.00	+12 35 29.5	16.4 N	H47	127P	2009 09 22.96970	01 11 34.81	+05 55 27.9	17.1 N	J40
118P	2009 09 27.42729	05 30 50.66	+12 35 27.9	15.9 N	H47	127P	2009 09 22.97516	01 11 34.52	+05 55 30.4	17.9 N	J40
118P	2009 09 27.43507	05 30 51.31	+12 35 26.3	16.1 N	H47	127P	2009 09 23.00938	01 11 32.74	+05 55 38.7	16.9 N	130
118P	2009 09 28.45271	05 32 13.18	+12 31 50.0	15.8 N	H47	127P	2009 09 23.01139	01 11 32.63	+05 55 39.1	17.0 N	130
118P	2009 09 28.45782	05 32 13.65	+12 31 48.7	16.4 N	H47	127P	2009 09 23.01377	01 11 32.51	+05 55 39.8	17.0 N	130
118P	2009 09 28.46308	05 32 14.01	+12 31 47.8	15.9 N	H47	127P	2009 09 23.01591	01 11 32.37	+05 55 40.1	16.8 N	130
118P	2009 09 29.41099	05 33 29.52	+12 28 20.8	16.4 N	H47	127P	2009 09 23.03253	01 11 31.57	+05 55 46.0		204
118P	2009 09 29.41881	05 33 30.19	+12 28 20.5	16.0 N	H47	127P	2009 09 23.10438	01 11 27.97	+05 56 06.9	17.0 N	204
126P/IRAS						127P	2009 09 23.10438	01 11 27.97	+05 56 06.9	17.0 N	204
126P	2009 09 07.40421	15 21 33.48	-69 20 22.6	16.7 T	D90	127P	2009 09 23.93150	01 10 48.05	+06 00 06.1	16.5 N	B49
126P	2009 09 07.40613	15 21 33.77	-69 20 22.3		D90	127P	2009 09 23.93876	01 10 47.74	+06 00 09.9	17.7 N	B49
126P	2009 09 19.44406	16 06 02.24	-67 26 57.8	15.7 T	D90	127P	2009 09 23.94683	01 10 47.36	+06 00 13.1	17.8 N	B49
126P	2009 09 19.44613	16 06 02.69	-67 26 56.5		D90	127P	2009 09 24.27857	01 10 30.80	+06 01 49.3	17.7 T	691
126P	2009 09 19.44821	16 06 03.15	-67 26 55.3		D90	127P	2009 09 24.29623	01 10 29.86	+06 01 54.1	17.6 T	691
127P/Holt-Olmstead						127P	2009 09 24.31400	01 10 28.80	+06 01 58.4	17.3 T	691
127P	2009 08 30.68246	01 23 05.35	+03 48 00.8		900	127P	2009 09 24.96549	01 09 56.49	+06 05 06.3	17.5 N	B70
127P	2009 08 30.68959	01 23 05.31	+03 48 03.3	18.2 T	900	127P	2009 09 24.97417	01 09 56.03	+06 05 08.8	17.5 N	B70
127P	2009 08 31.70605	01 22 55.05	+03 54 14.3	17.9 T	349	127P	2009 09 24.98232	01 09 55.58	+06 05 11.2	17.5 N	B70
127P	2009 08 31.71045	01 22 54.97	+03 54 15.6		349	127P	2009 09 25.37603	01 09 35.41	+06 07 05.0	16.4 T	H06
127P	2009 09 12.93709	01 18 25.18	+05 04 06.7	17.4 N	235	127P	2009 09 25.37790	01 09 35.30	+06 07 05.6		H06
127P	2009 09 13.61843	01 18 02.19	+05 07 45.2		900	127P	2009 09 25.37977	01 09 35.22	+06 07 06.3		H06
127P	2009 09 13.62318	01 18 02.14	+05 07 48.0	17.2 T	900	127P	2009 09 25.94235	01 09 06.78	+06 09 45.2	17.2 N	939
127P	2009 09 13.71560	01 17 58.88	+05 08 26.1		D25	127P	2009 09 25.94934	01 09 06.39	+06 09 47.5	17.2 N	939
127P	2009 09 13.72343	01 17 58.62	+05 08 27.3	17.7 T	D25	127P	2009 09 25.95980	01 09 05.81	+06 09 50.6	17.3 N	939
127P	2009 09 14.32131	01 17 37.77	+05 11 30.9	18.9 T	704	127P	2009 09 27.95901	01 07 20.88	+06 19 15.0	18.4 N	160
127P	2009 09 14.33299	01 17 37.38	+05 11 36.1	19.0 T	704	127P	2009 09 27.96106	01 07 20.80	+06 19 15.5	18.2 N	160
127P	2009 09 14.34468	01 17 36.92	+05 11 39.7	19.2 T	704	127P	2009 09 27.96355	01 07 20.69	+06 19 16.9	18.6 N	160
127P	2009 09 14.35637	01 17 36.52	+05 11 44.2	19.3 T	704	127P	2009 09 28.00308	01 07 18.48	+06 19 28.0	17.0 N	945
						127P	2009 09 28.00574	01 07 18.44	+06 19 29.3	16.9 N	945
						127P	2009 09 28.00936	01 07 18.15	+06 19 29.9	17.1 N	945

127P	2009 09 28.01449	01 07 17.92	+06 19 30.8	17.1 N	J38
127P	2009 09 28.01498	01 07 17.90	+06 19 31.4	17.0 N	945
127P	2009 09 28.01666	01 07 17.81	+06 19 31.1	17.2 N	J38
127P	2009 09 28.01882	01 07 17.66	+06 19 31.6	17.2 N	J38
127P	2009 09 28.01987	01 07 17.59	+06 19 32.6	17.1 N	945
127P	2009 09 28.06399	01 07 15.09	+06 19 44.5	17.2 N	B82
127P	2009 09 28.06616	01 07 15.00	+06 19 44.2	17.0 N	B82
127P	2009 09 28.06834	01 07 14.80	+06 19 44.5	17.2 N	B82
127P	2009 09 28.24453	01 07 05.68	+06 20 36.0	17.4 T	691
127P	2009 09 28.26213	01 07 04.60	+06 20 39.6	17.2 T	691
127P	2009 09 28.28322	01 07 03.50	+06 20 46.2	17.3 T	691
127P	2009 09 28.97953	01 06 25.98	+06 24 00.5	17.2 N	J38
127P	2009 09 28.98964	01 06 25.41	+06 24 03.2	17.1 N	J38

137P/Shoemaker-Levy

137P	2009 09 16.41940	06 12 39.88	+22 14 13.3	18.4 T	291
137P	2009 09 16.42445	06 12 40.36	+22 14 12.6	19.0 T	291
137P	2009 09 16.42852	06 12 40.86	+22 14 11.9	18.2 T	291
137P	2009 09 27.40551	06 26 52.18	+21 43 29.2	19.3 T	704
137P	2009 09 27.41760	06 26 53.07	+21 43 27.0	19.4 T	704
137P	2009 09 27.42974	06 26 53.96	+21 43 25.0	19.2 T	704
137P	2009 09 27.44189	06 26 54.74	+21 43 22.5	19.2 T	704
137P	2009 09 27.45404	06 26 55.69	+21 43 20.0	19.2 T	704

157P/Tritton

157P	2009 08 19.11386	00 21 19.60	+12 05 23.6	18.7 N	212
157P	2009 08 20.01003	00 21 10.70	+12 10 00.5		204
157P	2009 08 20.10755	00 21 09.47	+12 10 30.3	19.2 N	204
157P	2009 08 25.62663	00 19 43.23	+12 36 24.5	17.7 N	400
157P	2009 08 25.64017	00 19 42.84	+12 36 28.6	17.7 N	400
157P	2009 08 25.64693	00 19 42.67	+12 36 29.1	17.7 N	400
157P	2009 09 09.65795	00 11 21.86	+13 21 26.4	17.4 T	349
157P	2009 09 09.66670	00 11 21.49	+13 21 26.7		349
157P	2009 09 10.08709	00 11 02.12	+13 22 03.6	18.3 N	B82
157P	2009 09 10.08926	00 11 02.21	+13 22 04.5	19.0 N	B82
157P	2009 09 10.09142	00 11 02.00	+13 22 04.4	18.5 N	B82
157P	2009 09 11.04550	00 10 16.63	+13 23 24.0	19.1 N	J47
157P	2009 09 11.04844	00 10 16.48	+13 23 24.2	19.2 N	J47
157P	2009 09 11.05065	00 10 16.37	+13 23 24.5	18.8 N	J47
157P	2009 09 11.05581	00 10 16.11	+13 23 25.0	18.7 N	J47
157P	2009 09 11.95381	00 09 32.34	+13 24 26.0	18.4 N	213
157P	2009 09 11.95823	00 09 32.10	+13 24 26.2	18.6 N	213
157P	2009 09 11.95966	00 09 32.01	+13 24 26.2	18.5 N	213
157P	2009 09 12.85339	00 08 47.21	+13 25 16.5	18.4 N	235
157P	2009 09 13.55224	00 08 11.22	+13 25 49.9	17.4 T	367
157P	2009 09 13.56422	00 08 10.52	+13 25 50.8		367
157P	2009 09 14.12444	00 07 40.72	+13 26 14.4	18.1 N	J24
157P	2009 09 14.13751	00 07 40.04	+13 26 13.8	18.1 N	J24
157P	2009 09 14.14405	00 07 39.75	+13 26 14.1	18.4 N	J24
157P	2009 09 14.90612	00 06 59.38	+13 26 33.9	19.1 N	B42
157P	2009 09 14.91036	00 06 59.15	+13 26 33.6	18.9 N	B42
157P	2009 09 14.91461	00 06 58.89	+13 26 34.3	19.3 N	B42
157P	2009 09 16.09964	00 05 53.96	+13 26 51.1	17.2 N	B74
157P	2009 09 16.40960	00 05 36.40	+13 26 55.7		H06

157P	2009 09 16.41333	00 05 36.18	+13 26 55.6	17.7 T	H06
157P	2009 09 16.96388	00 05 05.69	+13 26 56.2	17.9 N	J51
157P	2009 09 16.97487	00 05 05.03	+13 26 56.0	18.0 N	J51
157P	2009 09 16.98721	00 05 04.30	+13 26 56.0	18.2 N	J47
157P	2009 09 16.98866	00 05 04.25	+13 26 55.8	18.0 N	J51
157P	2009 09 16.99136	00 05 04.05	+13 26 56.1	18.3 N	J47
157P	2009 09 16.99551	00 05 03.86	+13 26 56.7	18.8 N	J47
157P	2009 09 17.27362	00 04 47.85	+13 26 52.6	17.1 T	703
157P	2009 09 17.27851	00 04 47.60	+13 26 52.5	17.3 T	703
157P	2009 09 17.28338	00 04 47.28	+13 26 51.7	17.2 T	703
157P	2009 09 17.28819	00 04 47.02	+13 26 53.3	17.9 T	703
157P	2009 09 17.94810	00 04 09.14	+13 26 42.3	18.3 N	A32
157P	2009 09 17.95108	00 04 08.95	+13 26 42.4	18.3 N	A32
157P	2009 09 17.95369	00 04 08.78	+13 26 42.3	18.3 N	A32
157P	2009 09 18.08289	00 04 01.05	+13 26 40.6	19.2 N	510
157P	2009 09 18.11218	00 03 59.36	+13 26 40.3	18.5 N	510
157P	2009 09 18.14161	00 03 57.58	+13 26 39.5	19.3 N	510
157P	2009 09 18.87744	00 03 15.02	+13 26 21.1	18.3 N	213
157P	2009 09 18.88077	00 03 14.81	+13 26 20.7	18.2 N	213
157P	2009 09 18.88511	00 03 14.56	+13 26 20.8	18.3 N	213
157P	2009 09 19.00932	00 03 06.95	+13 26 17.6	17.9 N	B74
157P	2009 09 19.01385	00 03 06.62	+13 26 16.8	18.2 N	B74
157P	2009 09 19.01929	00 03 06.27	+13 26 16.3	18.4 N	B74
157P	2009 09 19.04683	00 03 04.63	+13 26 17.4	18.0 N	212
157P	2009 09 19.65316	00 02 28.57	+13 25 54.2	17.6 T	900
157P	2009 09 19.66031	00 02 28.12	+13 25 55.3		900
157P	2009 09 19.92254	00 02 12.61	+13 25 41.8		204
157P	2009 09 19.93648	00 02 11.73	+13 25 41.6	17.7 N	235
157P	2009 09 19.99993	00 02 07.77	+13 25 38.2	17.9 N	204
157P	2009 09 20.37144	00 01 45.17	+13 25 21.8		H06
157P	2009 09 20.37330	00 01 45.05	+13 25 21.7		H06
157P	2009 09 20.37515	00 01 44.90	+13 25 21.3	17.1 T	H06
157P	2009 09 21.99198	00 00 05.79	+13 23 40.9	17.9 N	B75
157P	2009 09 22.93147	23 59 07.12	+13 22 26.1	17.7 N	B49
157P	2009 09 22.94164	23 59 06.47	+13 22 25.8	18.3 N	B49
157P	2009 09 22.96663	23 59 04.75	+13 22 22.0	18.0 N	130
157P	2009 09 22.97150	23 59 04.47	+13 22 22.2	18.0 N	130
157P	2009 09 22.97640	23 59 04.10	+13 22 21.1	17.9 N	130
157P	2009 09 22.98044	23 59 03.87	+13 22 21.2	17.9 N	130
157P	2009 09 23.85289	23 58 08.78	+13 21 01.4	17.7 N	213
157P	2009 09 23.85819	23 58 08.46	+13 21 01.0	17.9 N	213
157P	2009 09 23.89061	23 58 06.38	+13 20 56.9	17.4 N	B49
157P	2009 09 23.90199	23 58 05.62	+13 20 55.7	17.6 N	B49
157P	2009 09 24.90666	23 57 01.02	+13 19 09.1	17.7 N	A32
157P	2009 09 24.91487	23 57 00.46	+13 19 08.7	17.9 N	A32
157P	2009 09 24.92306	23 56 59.96	+13 19 07.4	17.7 N	A32
157P	2009 09 24.93125	23 56 59.41	+13 19 06.4	17.9 N	A32
157P	2009 09 25.22524	23 56 40.50	+13 18 36.0	18.7 T	704
157P	2009 09 25.23738	23 56 39.67	+13 18 34.9	18.7 T	704
157P	2009 09 25.24949	23 56 38.85	+13 18 32.8	18.6 T	704
157P	2009 09 25.26168	23 56 38.04	+13 18 32.1	18.7 T	704
157P	2009 09 25.27412	23 56 37.09	+13 18 29.6	18.7 T	704
157P	2009 09 25.85064	23 55 59.99	+13 17 18.4	16.4 N	A77

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M.P.C. 67125

157P	2009 09 25.85844	23 55 59.45	+13 17 17.7	16.9 N	A77
157P	2009 09 25.86623	23 55 58.94	+13 17 16.9	16.7 N	A77
157P	2009 09 25.95522	23 55 52.97	+13 17 05.5	18.8 N	970
157P	2009 09 25.96560	23 55 52.23	+13 17 03.8	18.0 N	970
157P	2009 09 26.99458	23 54 44.87	+13 14 49.1	17.4 N	B87
157P	2009 09 27.02518	23 54 42.74	+13 14 45.2	17.8 N	B87
157P	2009 09 27.03060	23 54 42.41	+13 14 44.6	17.8 N	J51
157P	2009 09 27.03905	23 54 41.92	+13 14 43.6	17.2 N	J51
157P	2009 09 27.04751	23 54 41.37	+13 14 43.1	17.5 N	J51
157P	2009 09 27.05210	23 54 40.80	+13 14 41.6	18.0 N	B87
157P	2009 09 27.81806	23 53 50.92	+13 12 48.7	17.0 N	A77
157P	2009 09 27.82742	23 53 50.18	+13 12 46.8	16.8 N	A77
157P	2009 09 27.83678	23 53 49.66	+13 12 46.7	16.4 N	A77
157P	2009 09 28.03981	23 53 35.76	+13 12 15.4	17.6 N	B82
157P	2009 09 28.04573	23 53 35.29	+13 12 14.6	17.5 N	B82
157P	2009 09 28.04869	23 53 35.12	+13 12 14.3	17.5 N	B82
157P	2009 09 28.93866	23 52 36.53	+13 09 55.4	17.8 N	J38
157P	2009 09 28.94295	23 52 36.25	+13 09 54.0	17.7 N	J38
157P	2009 09 28.94723	23 52 35.91	+13 09 53.0	17.6 N	J38
157P	2009 09 29.91101	23 51 31.79	+13 07 11.9	17.9 N	J47
157P	2009 09 29.91603	23 51 31.42	+13 07 10.6	17.6 N	J47
157P	2009 09 29.92251	23 51 31.00	+13 07 10.1	17.6 N	J47
157P	2009 09 29.94095	23 51 29.76	+13 07 07.1	17.7 N	J51
157P	2009 09 29.94869	23 51 29.24	+13 07 05.5	17.6 N	J51
157P	2009 09 29.95642	23 51 28.71	+13 07 04.2	18.3 N	J51

162P/Siding Spring

162P	2009 07 19.46345	16 15 17.04	−56 45 47.4	18.2 N	415
162P	2009 07 19.46921	16 15 16.55	−56 45 44.5	17.8 N	415
162P	2009 09 09.38126	16 25 42.90	−51 21 26.0	18.2 T	1 E12
162P	2009 09 09.38364	16 25 43.09	−51 21 25.0	18.1 T	1 E12
162P	2009 09 09.38806	16 25 43.42	−51 21 24.0	18.1 T	1 E12

167P/CINEOS

167P	2009 09 15.96641	23 05 59.33	+13 11 25.7	20.5 N	461
167P	2009 09 20.85487	23 04 58.23	+13 05 31.7	20.8 N	B42
167P	2009 09 26.93317	23 03 44.80	+12 57 37.8	20.5 N	B37
167P	2009 09 26.94952	23 03 44.54	+12 57 36.2	20.3 N	B37
167P	2009 09 26.96792	23 03 44.32	+12 57 33.9	20.3 N	B37
167P	2009 09 28.09307	23 03 31.19	+12 56 03.2	20.1 N	204

169P/NEAT

169P	2009 08 15.87157	15 56 12.08	−05 25 41.1	18.6 N	A77
169P	2009 08 15.87778	15 56 12.09	−05 25 42.9	18.4 N	A77
169P	2009 08 15.88399	15 56 12.03	−05 25 46.5	18.5 N	A77
169P	2009 08 15.88697	15 56 12.08	−05 25 49.2	18.9 T	215
169P	2009 08 19.88515	15 56 30.36	−05 57 03.5	19.3 N	212
169P	2009 08 23.85887	15 57 24.83	−06 29 58.8	18.8 T	215
169P	2009 09 16.10833	16 14 05.35	−10 09 36.1	19.0 T	G96
169P	2009 09 16.11391	16 14 05.71	−10 09 39.7	18.9 T	G96
169P	2009 09 16.11955	16 14 06.07	−10 09 43.2	19.0 T	G96
169P	2009 09 16.12520	16 14 06.43	−10 09 46.5	18.7 T	G96
169P	2009 09 18.53291	16 16 54.02	−10 34 40.3	18.0 T	D25

186P/Garradd

186P	2009 08 17.50057	20 36 30.12	−32 27 10.8	17.8 T	E12
186P	2009 08 22.32440	20 33 13.01	−32 12 41.6	20.4 N	E85
186P	2009 08 22.32729	20 33 12.79	−32 12 41.1	20.8 N	E85
186P	2009 08 22.33017	20 33 12.78	−32 12 39.6	20.0 N	E85

199P/Shoemaker

199P	2009 08 11.57501	21 08 08.58	−40 53 44.2	15.3 T	E12
199P	2009 08 11.62182	21 08 06.74	−40 54 02.8		E12
199P	2009 08 15.53395	21 05 43.99	−41 17 49.1	15.5 T	E12
199P	2009 08 31.32551	20 57 46.43	−42 15 35.3	17.3 N	E94
199P	2009 08 31.33271	20 57 46.35	−42 15 40.5	17.3 N	E94
199P	2009 08 31.33940	20 57 46.25	−42 15 41.7	17.2 N	E94
199P	2009 08 31.34611	20 57 46.06	−42 15 43.2	16.9 N	E94
199P	2009 08 31.35057	20 57 46.19	−42 15 48.7	16.9 N	E94
199P	2009 08 31.76861	20 57 36.09	−42 16 24.6	15.5 T	D90
199P	2009 08 31.77131	20 57 36.02	−42 16 24.8		D90
199P	2009 08 31.77401	20 57 35.95	−42 16 24.8		D90

203P/Korlević

203P	2009 08 25.07111	04 33 15.61	+24 29 43.6	18.3 T	215
203P	2009 08 25.07234	04 33 15.69	+24 29 43.7	18.4 T	215
203P	2009 08 25.07357	04 33 15.77	+24 29 43.8	18.6 T	215
203P	2009 08 31.08765	04 38 51.40	+24 42 41.8	18.1 T	215
203P	2009 08 31.08888	04 38 51.48	+24 42 42.0	18.2 T	215
203P	2009 08 31.09011	04 38 51.56	+24 42 42.3	18.3 T	215
203P	2009 08 31.10899	04 38 52.57	+24 42 44.7	18.0 N	J05
203P	2009 08 31.12421	04 38 53.39	+24 42 46.6	17.8 N	J05
203P	2009 08 31.13759	04 38 54.10	+24 42 48.2	17.7 N	J05
203P	2009 09 06.05376	04 43 56.54	+24 54 04.8	18.0 N	204
203P	2009 09 06.11694	04 43 59.59	+24 54 11.5		204
203P	2009 09 14.43962	04 50 12.70	+25 07 42.4	19.7 T	704
203P	2009 09 14.45150	04 50 13.07	+25 07 45.2	19.9 T	704
203P	2009 09 14.46339	04 50 13.54	+25 07 45.9	20.1 T	704
203P	2009 09 14.47527	04 50 14.07	+25 07 46.8	19.0 T	704
203P	2009 09 16.05271	04 51 17.19	+25 10 00.9	18.8 N	B42
203P	2009 09 16.05962	04 51 17.48	+25 10 01.7	18.8 N	B42
203P	2009 09 16.06599	04 51 17.77	+25 10 02.4	18.7 N	B42
203P	2009 09 22.36202	04 55 03.48	+25 18 08.4	19.6 T	704
203P	2009 09 22.37407	04 55 03.89	+25 18 09.4	19.5 T	704
203P	2009 09 22.38599	04 55 04.26	+25 18 10.1	19.5 T	704
203P	2009 09 22.39792	04 55 04.64	+25 18 11.7	18.6 T	704
203P	2009 09 27.34896	04 57 30.95	+25 23 32.9	19.1 T	704
203P	2009 09 27.36126	04 57 31.30	+25 23 32.8	20.2 T	704
203P	2009 09 27.37360	04 57 31.60	+25 23 34.8	20.4 T	704
203P	2009 09 27.38623	04 57 32.02	+25 23 34.2	20.0 T	704
203P	2009 09 27.39856	04 57 32.37	+25 23 35.9	18.9 T	704

209P/LINEAR

209P	2009 08 12.61992	22 12 58.02	−52 57 42.7	18.5 T	E12
209P	2009 08 15.66604	22 06 15.66	−52 49 08.3	18.4 N	415
209P	2009 08 15.67028	22 06 15.04	−52 49 07.0	19.7 N	415

215P/NEAT

215P	1994 09 11.52675	21 41 07.86	-31 28 59.1	18.6 T	260
215P	1994 09 11.58925	21 41 05.93	-31 28 59.7	18.1 T	260
215P	1994 10 10.41502	21 34 55.88	-30 26 27.9	18.4 T	260
215P	1994 10 10.47752	21 34 56.09	-30 26 14.8	18.1 T	260

217P/LINEAR

217P	2009 07 23.74729	01 18 32.26	-03 14 34.7		D25
217P	2009 07 23.75229	01 18 33.48	-03 14 34.2		D25
217P	2009 07 23.75397	01 18 33.96	-03 14 34.4		D25
217P	2009 08 13.99896	02 53 49.72	-02 54 34.6	14.0 N	B18
217P	2009 08 13.99942	02 53 49.87	-02 54 34.7	14.0 N	B18
217P	2009 08 13.99987	02 53 49.99	-02 54 34.7	14.0 N	B18
217P	2009 08 14.00034	02 53 50.12	-02 54 34.7	14.0 N	B18
217P	2009 08 14.00079	02 53 50.24	-02 54 34.7	14.1 N	B18
217P	2009 08 14.00125	02 53 50.36	-02 54 34.7	13.9 N	B18
217P	2009 08 14.00171	02 53 50.48	-02 54 34.8	14.0 N	B18
217P	2009 08 14.00216	02 53 50.61	-02 54 34.7	13.9 N	B18
217P	2009 08 14.00263	02 53 50.77	-02 54 34.7	14.4 N	B18
217P	2009 08 14.00309	02 53 50.83	-02 54 34.6	14.0 N	B18
217P	2009 08 19.17370	03 17 07.60	-02 59 32.4	13.2 N	212
217P	2009 08 19.17557	03 17 08.10	-02 59 32.8	13.2 N	212
217P	2009 08 19.17745	03 17 08.59	-02 59 32.9	13.2 N	212
217P	2009 08 20.03892	03 20 58.30	-03 00 43.6	12.5 N	A71
217P	2009 08 20.04049	03 20 58.69	-03 00 43.6	12.5 N	A71
217P	2009 08 20.04204	03 20 59.09	-03 00 43.8	12.5 N	A71
217P	2009 08 20.04359	03 20 59.52	-03 00 43.9	12.5 N	A71
217P	2009 08 21.06644	03 25 30.28	-03 02 12.6	11.9 N	130
217P	2009 08 21.06690	03 25 30.39	-03 02 13.4	11.5 N	130
217P	2009 08 21.06750	03 25 30.54	-03 02 13.1	11.5 N	130
217P	2009 08 21.06785	03 25 30.64	-03 02 12.9	11.6 N	130
217P	2009 08 25.77606	03 45 51.92	-03 09 53.6	11.0 T	E12
217P	2009 08 28.40644	03 56 53.23	-03 15 22.4	13.0 N	H47
217P	2009 08 28.41123	03 56 54.40	-03 15 23.0	12.9 N	H47
217P	2009 08 28.41454	03 56 55.19	-03 15 23.5	13.0 N	H47
217P	2009 08 28.53052	03 57 24.34	-03 15 35.0	13.2 T	F59
217P	2009 08 28.53385	03 57 25.14	-03 15 35.6	13.3 T	F59
217P	2009 08 28.53738	03 57 26.00	-03 15 36.4	13.2 T	F59
217P	2009 08 28.54097	03 57 26.88	-03 15 36.2	13.2 T	F59
217P	2009 08 28.54433	03 57 27.74	-03 15 36.5	13.4 T	F59
217P	2009 08 28.71337	03 58 09.46	-03 16 01.4	10.9 T	349
217P	2009 08 28.71445	03 58 09.73	-03 16 01.5		349
217P	2009 08 28.71553	03 58 10.00	-03 16 01.7		349
217P	2009 08 29.80237	04 02 37.18	-03 18 03.1		D25
217P	2009 08 29.81371	04 02 39.91	-03 18 04.6		D25
217P	2009 08 29.82506	04 02 42.62	-03 18 06.1		D25
217P	2009 08 29.83396	04 02 44.76	-03 18 06.4	14.2 N	D25
217P	2009 08 30.11523	04 03 53.61	-03 19 02.1	12.6 N	945
217P	2009 08 30.11594	04 03 53.79	-03 19 02.2	12.6 N	945
217P	2009 08 30.11845	04 03 54.38	-03 19 02.5	12.6 N	945
217P	2009 08 30.12296	04 03 55.47	-03 19 03.0	12.6 N	945
217P	2009 08 30.12375	04 03 55.66	-03 19 03.2	12.6 N	945
217P	2009 08 30.16353	04 04 05.13	-03 19 08.3	13.1 N	J05

217P

217P	2009 08 30.16788	04 04 06.17	-03 19 08.8	13.2 N	J05
217P	2009 08 30.17227	04 04 07.22	-03 19 09.5	13.2 N	J05
217P	2009 08 30.69836	04 06 15.29	-03 20 16.3	13.1 N	900
217P	2009 08 30.70202	04 06 16.16	-03 20 16.8		900
217P	2009 08 31.04302	04 07 38.36	-03 21 04.7	12.2 N	A71
217P	2009 08 31.04457	04 07 38.71	-03 21 04.7	12.2 N	A71
217P	2009 08 31.04612	04 07 38.97	-03 21 05.0	12.3 N	A71
217P	2009 08 31.04769	04 07 39.42	-03 21 05.5	12.3 N	A71
217P	2009 08 31.04924	04 07 39.81	-03 21 05.7	12.3 N	A71
217P	2009 08 31.05079	04 07 40.17	-03 21 05.8	12.3 N	A71
217P	2009 08 31.08478	04 07 48.64	-03 21 09.3	12.9 N	945
217P	2009 08 31.08637	04 07 48.93	-03 21 10.0	12.9 N	945
217P	2009 08 31.09840	04 07 51.77	-03 21 11.6	12.9 N	945
217P	2009 08 31.09949	04 07 52.06	-03 21 11.5	12.9 N	945
217P	2009 08 31.10061	04 07 52.30	-03 21 11.6	12.9 N	945
217P	2009 08 31.11993	04 07 56.89	-03 21 13.7	12.9 N	B74
217P	2009 08 31.12153	04 07 57.26	-03 21 14.0	13.0 N	B74
217P	2009 08 31.12286	04 07 57.57	-03 21 14.2	12.9 N	B74
217P	2009 08 31.12673	04 07 58.30	-03 21 15.2	13.5 T	106
217P	2009 08 31.12755	04 07 58.43	-03 21 15.5	13.6 T	106
217P	2009 08 31.12837	04 07 58.66	-03 21 15.7	13.5 T	106
217P	2009 08 31.12919	04 07 58.84	-03 21 15.9	13.5 T	106
217P	2009 08 31.13722	04 08 00.78	-03 21 17.5	13.7 N	215
217P	2009 08 31.13792	04 08 00.95	-03 21 17.6	13.7 N	215
217P	2009 08 31.13863	04 08 01.12	-03 21 17.5	13.6 N	215
217P	2009 09 01.37929	04 12 58.14	-03 24 01.0	14.1 N	H10
217P	2009 09 01.38815	04 13 00.14	-03 24 02.5	14.0 N	H10
217P	2009 09 01.39119	04 13 00.88	-03 24 02.9	11.0 N	H06
217P	2009 09 01.39136	04 13 00.74	-03 24 03.1	12.6 N	H47
217P	2009 09 01.39562	04 13 01.89	-03 24 03.2	14.1 N	H10
217P	2009 09 01.39726	04 13 02.11	-03 24 03.9	12.5 N	H47
217P	2009 09 01.39839	04 13 02.56	-03 24 03.9	10.9 N	H06
217P	2009 09 01.40326	04 13 03.51	-03 24 04.8	12.6 N	H47
217P	2009 09 01.40941	04 13 05.11	-03 24 05.3	11.0 N	H06
217P	2009 09 02.39449	04 16 57.30	-03 26 20.9	12.5 N	H47
217P	2009 09 02.39909	04 16 58.33	-03 26 21.5	12.4 N	H47
217P	2009 09 02.40414	04 16 59.49	-03 26 22.4	12.5 N	H47
217P	2009 09 04.10269	04 23 33.03	-03 30 22.4	14.2 N	B40
217P	2009 09 04.11645	04 23 36.14	-03 30 24.4	14.2 N	B40
217P	2009 09 04.17573	04 23 49.91	-03 30 30.5	13.4 N	J51
217P	2009 09 04.20667	04 23 56.83	-03 30 35.0	13.3 N	J51
217P	2009 09 04.24343	04 24 05.05	-03 30 40.2	13.4 N	J51
217P	2009 09 05.07346	04 27 14.53	-03 32 38.2	12.6 N	J24
217P	2009 09 05.07950	04 27 15.90	-03 32 39.6	12.6 N	J24
217P	2009 09 05.08553	04 27 17.24	-03 32 40.3	12.7 N	J24
217P	2009 09 05.13853	04 27 28.81	-03 32 51.2	13.3 N	J05
217P	2009 09 05.14385	04 27 29.99	-03 32 52.1	13.5 N	J05
217P	2009 09 05.14997	04 27 31.37	-03 32 53.1	13.6 N	J05
217P	2009 09 05.15523	04 27 32.52	-03 32 53.8	13.2 N	J05
217P	2009 09 06.06308	04 30 56.47	-03 35 03.9	13.0 N	B40
217P	2009 09 06.06493	04 30 57.06	-03 35 05.1	12.9 N	945
217P	2009 09 06.06813	04 30 57.71	-03 35 05.1	12.9 N	945
217P	2009 09 06.07043	04 30 58.21	-03 35 05.6	12.9 N	945

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217P	2009 09 06.07260	04 30 58.72	-03 35 05.9	12.8 N	945	217P	2009 09 15.10392	05 02 15.03	-03 57 25.8	15.7 T	071
217P	2009 09 06.07450	04 30 59.12	-03 35 05.9	12.8 N	945	217P	2009 09 15.10463	05 02 15.16	-03 57 25.9	15.8 T	071
217P	2009 09 06.10694	04 31 06.02	-03 35 10.3	13.1 N	B40	217P	2009 09 15.10534	05 02 15.29	-03 57 26.1	15.8 T	071
217P	2009 09 07.04242	04 34 33.51	-03 37 28.0	12.9 N	945	217P	2009 09 15.10604	05 02 15.57	-03 57 26.8	15.7 T	071
217P	2009 09 07.05853	04 34 36.98	-03 37 29.7	12.9 N	945	217P	2009 09 15.10675	05 02 15.56	-03 57 26.2	15.7 T	071
217P	2009 09 07.06058	04 34 37.43	-03 37 30.6	12.9 N	945	217P	2009 09 15.10745	05 02 15.69	-03 57 26.3	15.8 T	071
217P	2009 09 07.06737	04 34 38.95	-03 37 31.5	12.9 N	945	217P	2009 09 15.10816	05 02 15.82	-03 57 26.5	15.8 T	071
217P	2009 09 07.07544	04 34 40.67	-03 37 32.6	12.9 N	945	217P	2009 09 15.10887	05 02 16.05	-03 57 27.2	15.6 T	071
217P	2009 09 07.79431	04 37 17.69	-03 39 01.2		D25	217P	2009 09 15.10957	05 02 16.09	-03 57 26.6	15.6 T	071
217P	2009 09 07.80771	04 37 20.64	-03 39 00.8		D25	217P	2009 09 15.11028	05 02 16.22	-03 57 26.8	15.7 T	071
217P	2009 09 08.06839	04 38 17.26	-03 39 58.6	12.5 N	945	217P	2009 09 15.11100	05 02 16.36	-03 57 26.9	15.8 T	071
217P	2009 09 08.07049	04 38 17.72	-03 39 58.8	12.5 N	945	217P	2009 09 15.11170	05 02 16.61	-03 57 27.1	15.6 T	071
217P	2009 09 08.07157	04 38 17.94	-03 39 59.0	12.6 N	945	217P	2009 09 16.12903	05 05 30.44	-03 59 57.3	12.9 N	B74
217P	2009 09 08.07253	04 38 18.12	-03 39 59.2	12.5 N	945	217P	2009 09 16.13280	05 05 31.08	-03 59 57.9	12.9 N	B74
217P	2009 09 08.07544	04 38 18.77	-03 39 59.8	12.5 N	945	217P	2009 09 16.13358	05 05 31.22	-03 59 57.9	12.9 N	B74
217P	2009 09 08.14179	04 38 32.86	-03 40 09.1	12.5 N	B74	217P	2009 09 19.12940	05 14 39.15	-04 07 11.1	13.1 N	212
217P	2009 09 08.14525	04 38 33.60	-03 40 09.6	12.4 N	B74	217P	2009 09 19.13086	05 14 39.40	-04 07 11.4	13.1 N	212
217P	2009 09 08.14796	04 38 34.18	-03 40 10.2	12.5 N	B74	217P	2009 09 19.13232	05 14 39.65	-04 07 11.7	13.1 N	212
217P	2009 09 09.07772	04 41 53.55	-03 42 29.5	14.4 N	585	217P	2009 09 19.13378	05 14 39.90	-04 07 12.0	13.1 N	212
217P	2009 09 09.07850	04 41 53.78	-03 42 29.5	14.5 N	585	217P	2009 09 19.76765	05 16 31.53	-04 08 41.2		900
217P	2009 09 09.07929	04 41 53.86	-03 42 29.5	14.2 N	585	217P	2009 09 19.77133	05 16 32.21	-04 08 41.5	13.2 N	900
217P	2009 09 09.08120	04 41 54.27	-03 42 30.0	14.5 N	585	217P	2009 09 21.28023	05 20 52.02	-04 11 53.8	14.0 N	844
217P	2009 09 09.08442	04 41 54.97	-03 42 30.3	14.4 N	585	217P	2009 09 21.28653	05 20 53.03	-04 11 54.6	14.1 N	844
217P	2009 09 09.08544	04 41 55.12	-03 42 31.0	14.7 N	585	217P	2009 09 21.29179	05 20 53.90	-04 11 55.4	14.0 N	844
217P	2009 09 09.08889	04 41 55.88	-03 42 31.2	14.7 N	585	217P	2009 09 21.30137	05 20 55.52	-04 11 56.7	14.0 N	844
217P	2009 09 09.09296	04 41 56.88	-03 42 31.8	14.9 N	585	217P	2009 09 21.34169	05 21 02.25	-04 12 01.7	13.4 N	844
217P	2009 09 09.09828	04 41 57.99	-03 42 32.2	14.9 N	585	217P	2009 09 22.07653	05 23 06.12	-04 14 00.4	12.9 N	945
217P	2009 09 09.37486	04 42 57.18	-03 43 09.2		H10	217P	2009 09 22.07856	05 23 06.40	-04 14 00.5	12.9 N	945
217P	2009 09 09.37541	04 42 57.30	-03 43 09.4		H10	217P	2009 09 22.08216	05 23 07.01	-04 14 01.2	12.9 N	945
217P	2009 09 09.38265	04 42 58.86	-03 43 11.1	12.2 N	H06	217P	2009 09 22.08507	05 23 07.49	-04 14 01.7	12.9 N	945
217P	2009 09 09.38297	04 42 58.86	-03 43 10.5		H10	217P	2009 09 22.08800	05 23 07.92	-04 14 01.9	12.9 N	945
217P	2009 09 09.39450	04 43 01.29	-03 43 13.0	12.1 N	H06	217P	2009 09 22.13106	05 23 14.75	-04 14 08.4		204
217P	2009 09 09.40626	04 43 03.73	-03 43 14.8	12.1 N	H06	217P	2009 09 22.14378	05 23 16.82	-04 14 10.2		204
217P	2009 09 11.12255	04 49 02.55	-03 47 32.1	12.6 N	945	217P	2009 09 22.15065	05 23 18.10	-04 14 09.4	13.0 N	J10
217P	2009 09 11.12686	04 49 03.37	-03 47 32.9	12.6 N	945	217P	2009 09 22.15701	05 23 19.12	-04 14 10.4	13.0 N	J10
217P	2009 09 11.12837	04 49 03.74	-03 47 33.2	12.6 N	945	217P	2009 09 22.15937	05 23 19.34	-04 14 12.2	13 N	204
217P	2009 09 11.13145	04 49 04.38	-03 47 33.6	12.6 N	945	217P	2009 09 22.16515	05 23 20.43	-04 14 11.5	13.0 N	J10
217P	2009 09 11.13236	04 49 04.56	-03 47 33.7	12.6 N	945	217P	2009 09 23.10081	05 25 54.68	-04 16 15.1	13.5 N	J40
217P	2009 09 11.19752	04 49 17.90	-03 47 40.5	12.7 N	J24	217P	2009 09 23.10593	05 25 55.49	-04 16 15.8	13.6 N	J40
217P	2009 09 11.20620	04 49 19.65	-03 47 41.9	12.6 N	J24	217P	2009 09 23.11371	05 25 56.72	-04 16 17.0	13.1 N	J40
217P	2009 09 11.21781	04 49 21.97	-03 47 43.5	12.7 N	J24	217P	2009 09 23.40194	05 26 43.43	-04 16 53.6	10.9 N	H10
217P	2009 09 11.42103	04 50 03.90	-03 48 14.8	11.6 N	H10	217P	2009 09 23.42002	05 26 46.23	-04 16 56.3		H10
217P	2009 09 11.44289	04 50 08.28	-03 48 17.9	11.6 N	H10	217P	2009 09 23.43329	05 26 48.32	-04 16 58.0		H10
217P	2009 09 11.45660	04 50 11.04	-03 48 20.2	11.5 N	H10	217P	2009 09 23.44336	05 26 49.89	-04 16 59.2		H10
217P	2009 09 14.16361	04 59 13.29	-03 55 03.3	12.8 N	J24	217P	2009 09 23.48488	05 26 56.38	-04 17 04.9	9.5 T	H06
217P	2009 09 14.16759	04 59 14.09	-03 55 03.8	12.9 N	J24	217P	2009 09 23.48610	05 26 56.59	-04 17 05.1		H06
217P	2009 09 14.17157	04 59 14.86	-03 55 04.7	12.8 N	J24	217P	2009 09 23.48734	05 26 56.77	-04 17 05.2		H06
217P	2009 09 15.09531	05 02 13.42	-03 57 24.5	15.8 T	071	217P	2009 09 23.48856	05 26 56.96	-04 17 05.3		H06
217P	2009 09 15.09738	05 02 13.82	-03 57 24.8	15.6 T	071	217P	2009 09 23.48979	05 26 57.14	-04 17 05.5		H06
217P	2009 09 15.09855	05 02 14.14	-03 57 25.3	15.7 T	071	217P	2009 09 24.05826	05 28 28.84	-04 18 19.9	13.0 N	945
217P	2009 09 15.10080	05 02 14.56	-03 57 25.6	15.8 T	071	217P	2009 09 24.05975	05 28 29.02	-04 18 20.2	13.0 N	945
217P	2009 09 15.10251	05 02 14.76	-03 57 25.6	15.8 T	071	217P	2009 09 24.06090	05 28 29.20	-04 18 20.4	13.0 N	945
217P	2009 09 15.10322	05 02 14.90	-03 57 25.7	15.8 T	071	217P	2009 09 24.06209	05 28 29.39	-04 18 20.5	13.0 N	945

217P	2009 09 24.06679	05 28 30.13	-04 18 21.2	13.0 N	945	222P	2009 08 30.10215	08 17 29.48	+15 19 05.0	13.8 N	A71
217P	2009 09 24.15628	05 28 43.98	-04 18 32.6	12.9 N	B74	222P	2009 08 30.10414	08 17 29.23	+15 19 10.3	13.7 N	A71
217P	2009 09 24.16049	05 28 44.63	-04 18 33.1	12.8 N	B74	222P	2009 08 30.10632	08 17 28.92	+15 19 15.6	14.5 N	A71
217P	2009 09 24.17331	05 28 46.59	-04 18 34.9	12.9 N	B74	222P	2009 08 31.09200	08 15 36.60	+15 58 11.4	14.6 N	A71
217P	2009 09 25.06332	05 31 06.45	-04 20 27.6	13.0 T	583	222P	2009 08 31.11020	08 15 34.67	+15 58 53.9	14.5 N	A71
217P	2009 09 26.11492	05 33 47.69	-04 22 35.2	14.3 T	583	222P	2009 08 31.11553	08 15 34.08	+15 59 06.3	14.5 N	A71
217P	2009 09 26.11595	05 33 47.83	-04 22 35.2	14.5 T	583	222P	2009 08 31.12031	08 15 33.59	+15 59 16.7	14.3 N	A71
217P	2009 09 26.12030	05 33 48.46	-04 22 35.9	14.5 T	583	222P	2009 08 31.12055	08 15 33.56	+15 59 17.5	15.8 T	215
217P	2009 09 27.05465	05 36 08.96	-04 24 24.6	13.1 N	213	222P	2009 08 31.13209	08 15 32.36	+15 59 44.8		204
217P	2009 09 27.05759	05 36 09.38	-04 24 25.0	13.2 N	213	222P	2009 08 31.13534	08 15 32.04	+15 59 52.3		204
217P	2009 09 27.05858	05 36 09.52	-04 24 25.1	13.1 N	213	222P	2009 08 31.13809	08 15 31.69	+15 59 58.7	15.9 N	204
217P	2009 09 27.10726	05 36 16.57	-04 24 30.7	14.3 N	B49	222P	2009 09 01.10838	08 13 55.70	+16 35 41.7	14.6 N	A71
217P	2009 09 27.10861	05 36 16.82	-04 24 31.1	14.3 N	B49	222P	2009 09 01.11626	08 13 54.98	+16 35 58.3	14.3 N	A71
217P	2009 09 27.10998	05 36 16.91	-04 24 31.1	14.1 N	B49	222P	2009 09 01.12122	08 13 54.49	+16 36 10.7	14.4 N	A71
217P	2009 09 27.15097	05 36 22.83	-04 24 36.8	13.1 N	A77	222P	2009 09 04.79970	08 09 44.57	+18 31 55.3	13.7 T	349
217P	2009 09 27.15911	05 36 23.96	-04 24 37.9	13.3 N	A77	222P	2009 09 04.80304	08 09 44.38	+18 32 00.7		349
217P	2009 09 27.16707	05 36 25.14	-04 24 38.9	13.4 N	A77	222P	2009 09 04.80642	08 09 44.25	+18 32 06.8		349
217P	2009 09 27.46424	05 37 09.05	-04 25 10.4	14.5 N	H10	222P	2009 09 06.48693	08 08 43.15	+19 15 54.4	15.0 T	H06
217P	2009 09 27.46713	05 37 09.44	-04 25 10.7	14.5 N	H10	222P	2009 09 06.48875	08 08 42.98	+19 15 57.2		H06
217P	2009 09 27.47002	05 37 09.92	-04 25 11.1	14.5 N	H10	222P	2009 09 09.46759	08 08 02.98	+20 22 02.0	13.5 T	H06
217P	2009 09 27.47282	05 37 10.20	-04 25 11.4	14.5 N	H10	222P	2009 09 09.46940	08 08 02.98	+20 22 04.0		H06
217P	2009 09 28.39339	05 39 23.59	-04 26 54.1	13.7 N	H47	222P	2009 09 09.47121	08 08 02.98	+20 22 06.4		H06
217P	2009 09 28.39519	05 39 23.86	-04 26 54.2	13.7 N	H47	222P	2009 09 11.16071	08 08 13.89	+20 53 51.2	14.1 T	J75
217P	2009 09 28.39828	05 39 24.28	-04 26 54.4	13.7 N	H47	222P	2009 09 11.17303	08 08 13.89	+20 54 03.8	14.3 T	J75
217P	2009 09 29.39138	05 41 44.61	-04 28 40.7	12.5 N	H47	222P	2009 09 11.18536	08 08 13.98	+20 54 17.3	13.4 T	J75
217P	2009 09 29.39385	05 41 44.91	-04 28 41.1	12.5 N	H47	222P	2009 09 16.43218	08 10 48.61	+22 11 59.4		H10
217P	2009 09 29.39552	05 41 45.14	-04 28 41.2	12.5 N	H47	222P	2009 09 16.43493	08 10 48.77	+22 12 00.7	14.8 T	H10
217P	2009 09 29.39729	05 41 45.38	-04 28 41.4	12.5 N	H47	222P	2009 09 19.79407	08 13 38.20	+22 48 41.2		900
217P	2009 09 29.44962	05 41 52.59	-04 28 47.0	14.4 N	H06	222P	2009 09 19.80122	08 13 38.57	+22 48 45.4	16.6 N	900
217P	2009 09 29.45591	05 41 53.47	-04 28 47.6	14.6 N	H06	222P	2009 09 20.47608	08 14 17.46	+22 55 09.1	13.5 T	H06
217P	2009 09 29.46133	05 41 54.15	-04 28 48.5	13.4 N	H10	222P	2009 09 20.47793	08 14 17.55	+22 55 10.1		H06
217P	2009 09 29.46631	05 41 54.78	-04 28 48.7	13.3 N	H10	222P	2009 09 20.47980	08 14 17.65	+22 55 11.6		H06
217P	2009 09 29.47512	05 41 55.99	-04 28 49.6	13.3 N	H10	222P	2009 09 20.48166	08 14 17.75	+22 55 12.5		H06
219P/LINEAR						222P	2009 09 23.45881	08 17 24.17	+23 20 00.9	13.5 T	H06
219P	2009 09 01.47330	17 28 38.95	-12 13 13.7		900	222P	2009 09 23.45975	08 17 24.22	+23 20 01.2		H06
219P	2009 09 01.48043	17 28 39.15	-12 13 14.2	17.1 T	900	222P	2009 09 23.46068	08 17 24.28	+23 20 01.8		H06
219P	2009 09 05.84168	17 31 33.27	-12 21 45.7	18.2 N	204	222P	2009 09 26.48526	08 20 51.51	+23 40 33.8	13.9 T	H06
219P	2009 09 13.87177	17 37 57.97	-12 37 46.5	18.2 N	J47	222P	2009 09 26.48714	08 20 51.69	+23 40 34.3		H06
219P	2009 09 13.87490	17 37 58.18	-12 37 46.9	18.5 N	J47	222P	2009 09 28.13553	08 22 49.98	+23 50 02.1	17.2 N	A77
219P	2009 09 13.87926	17 37 58.40	-12 37 47.6	18.8 N	J47	222P	2009 09 28.14178	08 22 50.36	+23 50 04.6	17.3 N	A77
219P	2009 09 22.13251	17 45 55.49	-12 53 47.5	18.0 T	291	223P/Skiff					
219P	2009 09 22.13663	17 45 55.76	-12 53 47.2	18.1 T	291	223P	2003 02 10.17725	06 47 18.16	+54 03 14.1	19.7 N	644
219P	2009 09 22.14108	17 45 56.02	-12 53 47.7		291	223P	2003 02 10.19753	06 47 17.47	+54 03 02.2	20.2 N	644
221P/LINEAR						223P	2003 02 10.21921	06 47 16.75	+54 02 48.6	19.9 N	644
221P	2009 08 23.96968	00 02 57.08	+16 26 44.7	20.2 T	215	223P	2009 08 20.37040	19 43 59.77	-48 38 14.2	19.7 N	E16
221P	2009 09 15.88568	23 46 11.79	+14 09 24.4	20.5 N	B42	223P	2009 08 20.37596	19 43 59.47	-48 38 12.0	19.5 N	E16
221P	2009 09 15.89338	23 46 11.43	+14 09 20.4	20.8 N	B42	223P	2009 08 20.38152	19 43 59.28	-48 38 10.3	19.6 N	E16
221P	2009 09 15.90175	23 46 11.03	+14 09 15.8	20.5 N	B42	223P	2009 08 20.42921	19 43 56.81	-48 37 48.3	19.8 T	E16
222P/LINEAR						223P	2009 08 20.53942	19 43 51.22	-48 37 00.8	19.5 N	E16
222P	2009 08 04.37077	10 51 09.71	-19 01 00.9	16.9 T	E12	223P	2009 08 20.54139	19 43 51.13	-48 37 00.1	19.9 N	E16
222P	2009 08 30.09229	08 17 30.62	+15 18 41.8	13.7 N	A71	223P	2009 08 20.55744	19 43 50.26	-48 36 52.5		E16

226P/Pigott-LINEAR-Kowalski

226P	1995 10 29.58958	02 58 49.39	-22 48 26.8		260
226P	1995 10 29.64514	02 58 42.23	-22 47 23.0		260
226P	2009 09 10.45934	07 41 23.53	+43 19 46.2	18.3 T	703
226P	2009 09 10.46282	07 41 24.32	+43 19 48.6	17.7 T	703
226P	2009 09 10.46633	07 41 24.61	+43 19 51.5	18.3 T	703
226P	2009 09 10.46977	07 41 25.40	+43 19 55.9	18.6 T	703
226P	2009 09 10.48624	07 41 27.92	+43 20 07.1	18.3 T	703
226P	2009 09 10.48718	07 41 27.92	+43 20 06.6	17.6 T	703
226P	2009 09 10.48814	07 41 28.15	+43 20 08.0	17.7 T	703
226P	2009 09 10.48911	07 41 28.28	+43 20 09.4	18.4 T	703
226P	2009 09 11.16746	07 43 15.26	+43 28 31.2		J95
226P	2009 09 11.17018	07 43 15.81	+43 28 32.2		J95
226P	2009 09 11.17292	07 43 15.94	+43 28 35.4	18.8 T	J95
226P	2009 09 11.42336	07 43 55.62	+43 31 44.1	18.0 T	5 H06
226P	2009 09 11.42749	07 43 56.81	+43 31 43.3	18.7 T	6 H36
226P	2009 09 11.42804	07 43 56.42	+43 31 45.8	17.8 T	5 H06
226P	2009 09 11.44530	07 43 59.25	+43 31 56.8	18.8 T	6 H36
226P	2009 09 11.45705	07 44 01.06	+43 32 08.2		6 H36
226P	2009 09 11.46611	07 44 02.36	+43 32 15.4	18.4 T	703
226P	2009 09 11.47114	07 44 03.12	+43 32 17.4	17.6 T	703
226P	2009 09 11.47617	07 44 03.94	+43 32 21.0	17.6 T	703
226P	2009 09 13.12877	07 48 25.10	+43 52 42.4	18.3 N	B90
226P	2009 09 13.13244	07 48 25.61	+43 52 45.6	18.0 N	B90
226P	2009 09 14.22759	07 51 18.77	+44 06 12.8	18.7 N	J24
226P	2009 09 14.23109	07 51 19.37	+44 06 16.1	18.6 N	J24
226P	2009 09 15.42458	07 54 27.64	+44 20 49.7	19.0 N	H10
226P	2009 09 15.45781	07 54 32.95	+44 21 13.3	18.8 N	H10
226P	2009 09 15.47367	07 54 35.66	+44 21 21.2	19.1 N	H10
226P	2009 09 16.47451	07 57 13.79	+44 33 36.5	18.1 N	H10
226P	2009 09 19.48345	08 05 09.78	+45 10 05.7	17.5 T	703
226P	2009 09 19.48843	08 05 10.53	+45 10 09.4	18.2 T	703
226P	2009 09 19.49341	08 05 11.22	+45 10 14.4	17.6 T	703
226P	2009 09 19.49836	08 05 12.04	+45 10 17.6	17.9 T	703
226P	2009 09 20.04011	08 06 37.89	+45 16 47.4	18.1 N	204
226P	2009 09 23.44859	08 15 36.98	+45 57 48.4	17.9 T	H06
226P	2009 09 23.45235	08 15 37.51	+45 57 50.6		H06
226P	2009 09 23.45612	08 15 38.12	+45 57 53.3		H06
226P	2009 09 25.42044	08 20 48.51	+46 21 22.7	17.9 T	H06
226P	2009 09 25.42325	08 20 48.91	+46 21 25.1		H06
226P	2009 09 25.72877	08 21 37.28	+46 25 03.4	17.8 T	349
226P	2009 09 25.73102	08 21 37.56	+46 25 05.6		349
226P	2009 09 27.08826	08 25 11.86	+46 41 18.3	18.1 N	A77
226P	2009 09 27.09292	08 25 12.56	+46 41 21.5	17.6 N	A77
226P	2009 09 27.09761	08 25 13.22	+46 41 25.2	17.3 N	A77

227P/Catalina-LINEAR

227P	1997 01 15.45801	10 32 38.51	+22 49 51.8	18.1 N	566
227P	1997 01 15.46644	10 32 38.78	+22 49 52.0	18.7 N	566
227P	1997 01 15.47491	10 32 39.02	+22 49 55.6	18.9 N	566
227P	1997 01 15.63316	10 32 41.89	+22 50 29.7	19.1 N	566
227P	1997 01 15.64155	10 32 42.14	+22 50 33.0	19.1 N	566
227P	1997 01 15.64998	10 32 42.21	+22 50 34.0	19.2 N	566

227P	2009 09 21.37293	02 47 29.46	+13 09 41.3	22.0 T	291
227P	2009 09 21.38442	02 47 29.28	+13 09 40.7	21.6 T	291
227P	2009 09 21.39598	02 47 29.10	+13 09 40.3	21.8 T	291
227P	2009 09 23.33491	02 46 55.91	+13 08 18.5		291
227P	2009 09 23.34539	02 46 55.68	+13 08 18.9		291
227P	2009 09 23.35589	02 46 55.53	+13 08 18.4		291
227P	2009 09 28.44718	02 45 04.37	+13 03 17.8	21.9 T	291
227P	2009 09 28.45792	02 45 04.10	+13 03 17.2	21.9 T	291
227P	2009 09 28.46857	02 45 03.82	+13 03 16.2	21.8 T	291

Note 1 = high-quality observation. 2: faint image. 3: C: predisccovery observations from *MPS* 260411 and 265414. 4: observations from *MPS* 292728, 294488, 295077 and 295950. 5: involved with star. 6: measurement difficult.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

- 415 Kambah. Observer D. Herald. 0.36-m *f*/3.9 Schmidt-Cassegrain + CCD.
568 Mauna Kea. Observers Queue observing team. Measurer B. Gladman. 3.5-m Canada France Hawaii Telescope + CCD.
673 Table Mountain Observatory, Wrightwood. Observer W. M. Owen, Jr. 0.61-m *f*/16 reflector + CCD.
675 Palomar. Observers P. Nicholson, B. Gladman, M. Brozovic, S. Lawler, M. Hicks, K. Lawrence, A. McAuley, T. Barajas. Measurers B. Gladman, R. Jacobson, P. Nicholson. 5-m Hale reflector + CCD.
689 U.S. Naval Observatory, Flagstaff Station. Observer H. C. Harris. 1.6-m reflector + CCD.
704 Lincoln Laboratory ETS, New Mexico. Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, M. Blythe. Measurer J. Stuart. 1.0-m *f*/2.15 reflector + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
S/2003 J 17	2009 08 18.29351	21 28 01.07	-15 28 15.3	22.5 R	675	
S/2003 J 17	2009 08 18.30026	21 28 00.86	-15 28 16.3		675	
S/2003 J 17	2009 08 18.35026	21 27 59.24	-15 28 24.2	23 R	675	
S/2003 J 17	2009 08 19.23836	21 27 30.99	-15 30 42.4		675	
S/2003 J 17	2009 08 19.24437	21 27 30.76	-15 30 43.8		675	
S/2003 J 17	2009 08 19.33777	21 27 27.76	-15 30 58.0		675	
S/2003 J 17	2009 08 19.34636	21 27 27.45	-15 30 59.5		675	
S/2003 J 17	2009 08 22.32184	21 25 53.67	-15 38 35.3	22.7 R	568	
S/2003 J 17	2009 08 22.32462	21 25 53.59	-15 38 35.7		568	
S/2003 J 17	2009 08 22.32732	21 25 53.50	-15 38 36.2		568	
S/2003 J 17	2009 08 22.33003	21 25 53.41	-15 38 36.6	22.8 R	568	
S/2003 J 17	2009 08 25.31399	21 24 21.09	-15 46 03.1		675	
S/2003 J 17	2009 08 25.32685	21 24 20.68	-15 46 05.2		675	
S/2003 J 17	2009 08 25.33833	21 24 20.32	-15 46 06.7		675	
S/2003 J 17	2009 08 25.34217	21 24 20.21	-15 46 07.0		675	
S/2003 J 17	2009 09 15.33926	21 15 14.72	-16 29 25.8		568	
S/2003 J 17	2009 09 15.34196	21 15 14.66	-16 29 26.1		568	
S/2003 J 17	2009 09 15.34467	21 15 14.61	-16 29 26.3		568	
S/2003 J 17	2009 09 15.34737	21 15 14.56	-16 29 26.6		568	
Jupiter VI	2008 05 21.459146	19 30 41.739	-21 30 16.70		689	
Jupiter VI	2008 05 27.441189	19 29 22.173	-21 36 32.07		689	

Jupiter VI	2008 05 28.438345	19 29 06.785	-21 37 41.79	689	Jupiter VIII	2009 09 14.20902	21 22 41.69	-15 34 29.9	18.3	704
Jupiter VI	2008 05 30.432745	19 28 34.197	-21 40 06.79	689	Jupiter VIII	2009 09 14.22081	21 22 41.39	-15 34 31.3	18.0	704
Jupiter VI	2008 05 31.429737	19 28 17.061	-21 41 21.79	689	Jupiter IX	2009 09 11.45567	21 18 08.22	-16 04 25.1	17.9 V	415
Jupiter VI	2008 06 14.387348	19 23 23.382	-22 01 31.56	689	Jupiter IX	2009 09 11.46884	21 18 07.84	-16 04 26.5	17.7 V	415
Jupiter VI	2008 06 16.382464	19 22 34.541	-22 04 42.89	689	Jupiter IX	2009 09 14.18489	21 17 03.76	-16 09 20.6	17.9	704
Jupiter VI	2008 06 17.378604	19 22 09.634	-22 06 19.39	689	Jupiter IX	2009 09 14.19665	21 17 03.45	-16 09 21.5	18.4	704
Jupiter VI	2008 06 22.363789	19 20 00.518	-22 14 31.71	689	Jupiter IX	2009 09 14.20849	21 17 03.19	-16 09 22.5	18.0	704
Jupiter VI	2008 06 23.360545	19 19 33.933	-22 16 11.59	689	Jupiter IX	2009 09 14.22029	21 17 02.93	-16 09 24.0	18.2	704
Jupiter VI	2008 06 24.357803	19 19 07.065	-22 17 51.87	689	Jupiter IX	2009 09 14.23207	21 17 02.62	-16 09 24.6	18.2	704
Jupiter VI	2008 06 28.346243	19 17 17.863	-22 24 33.94	689	Jupiter XI	2009 09 11.48811	21 18 08.86	-17 26 02.7	17.8 V	415
Jupiter VI	2008 06 29.341873	19 16 50.240	-22 26 14.61	689	Jupiter XI	2009 09 11.49517	21 18 08.69	-17 26 04.0	17.7 V	415
Jupiter VI	2008 07 09.312476	19 12 10.804	-22 42 43.95	689	Jupiter XI	2009 09 14.18515	21 17 06.80	-17 30 46.3	17.8	704
Jupiter VI	2008 07 10.309528	19 11 43.082	-22 44 19.85	689	Jupiter XI	2009 09 14.19699	21 17 06.51	-17 30 47.5	18.4	704
Jupiter VI	2008 08 28.164509	18 56 45.007	-23 32 44.31	689	Jupiter XI	2009 09 14.20875	21 17 06.23	-17 30 49.1	18.1	704
Jupiter VI	2008 08 29.161715	18 56 41.229	-23 32 56.83	689	Jupiter XI	2009 09 14.23233	21 17 05.67	-17 30 51.5	18.3	704
Jupiter VI	2008 09 03.148082	18 56 32.524	-23 33 24.50	689	Jupiter XII	2009 09 11.56263	21 26 12.43	-17 35 19.4	18.7 V	415
Jupiter VI	2008 09 04.145767	18 56 32.959	-23 33 23.71	689	Jupiter XII	2009 09 11.57389	21 26 12.25	-17 35 19.9	19.0 V	415
Jupiter VI	2008 09 07.137985	18 56 38.304	-23 33 09.12	689	Jupiter XIII	2009 09 11.51843	21 21 48.36	-16 04 35.2	18.1 V	415
Jupiter VI	2008 09 15.116560	18 57 22.951	-23 30 57.82	689	Jupiter XIII	2009 09 11.53596	21 21 48.09	-16 04 36.2	19.4 V	415
Jupiter VI	2008 09 17.111096	18 57 40.824	-23 30 04.86	689	Saturn IX	2008 01 19.425459	10 37 19.700	+10 34 54.51		689
Jupiter VI	2008 09 18.108403	18 57 50.843	-23 29 35.49	689	Saturn IX	2008 01 20.422219	10 37 07.290	+10 36 19.25		689
Jupiter VI	2008 09 20.103161	18 58 12.625	-23 28 30.05	689	Saturn IX	2008 02 01.387146	10 34 16.203	+10 55 07.57		689
Jupiter VI	2008 09 21.100574	18 58 24.537	-23 27 54.30	689	Saturn IX	2008 02 06.372741	10 32 54.873	+11 03 45.71		689
Jupiter VI	2008 09 24.092288	18 59 04.065	-23 25 56.92	689	Saturn IX	2008 02 13.352603	10 30 53.892	+11 16 20.94		689
Jupiter VI	2008 09 26.087196	18 59 33.623	-23 24 28.60	689	Saturn IX	2008 02 17.340760	10 29 42.239	+11 23 39.96		689
Jupiter VI	2009 06 23.472622	22 00 33.946	-13 18 01.05	689	Saturn IX	2008 03 01.301905	10 25 45.512	+11 47 12.05		689
Jupiter VI	2009 06 27.461865	22 00 11.963	-13 17 57.63	689	Saturn IX	2008 03 10.275914	10 23 06.680	+12 02 26.07		689
Jupiter VI	2009 06 29.456197	21 59 55.513	-13 18 21.06	689	Saturn IX	2008 03 12.269815	10 22 32.850	+12 05 36.01		689
Jupiter VI	2009 09 11.43381	21 23 11.59	-15 57 16.1	15.1 V	415	Saturn IX	2008 03 13.266830	10 22 16.217	+12 07 10.23	689
Jupiter VI	2009 09 11.43457	21 23 11.57	-15 57 16.1	14.5 V	415	Saturn IX	2008 03 14.263910	10 21 59.750	+12 08 42.73	689
Jupiter VI	2009 09 14.18489	21 21 55.64	-16 03 48.7	15.4	704	Saturn IX	2008 03 25.232264	10 19 13.341	+12 23 57.30	689
Jupiter VI	2009 09 14.19665	21 21 55.26	-16 03 51.3	16.6	704	Saturn IX	2008 03 29.220736	10 18 20.706	+12 28 37.16	689
Jupiter VI	2009 09 14.20849	21 21 54.95	-16 03 53.0	16.7	704	Saturn IX	2008 03 30.218181	10 18 08.311	+12 29 42.77	689
Jupiter VI	2009 09 14.22029	21 21 54.62	-16 03 54.9	16.9	704	Saturn IX	2008 04 23.149808	10 14 56.858	+12 45 00.34	689
Jupiter VI	2009 09 14.23207	21 21 54.20	-16 03 56.7	16.7	704	Saturn IX	2008 04 24.147041	10 14 53.740	+12 45 10.24	689
Jupiter VII	2008 06 03.422308	19 29 15.546	-21 32 09.57	689	Saturn IX	2008 04 25.144279	10 14 51.014	+12 45 18.35		689
Jupiter VII	2008 06 12.394942	19 25 24.687	-21 38 15.42	689	Saturn IX	2008 04 26.142382	10 14 48.662	+12 45 24.78		689
Jupiter VII	2008 06 13.391961	19 24 56.697	-21 39 04.48	689	Saturn IX	2008 04 27.139126	10 14 46.766	+12 45 26.08		689
Jupiter VII	2008 07 30.248281	19 02 02.707	-22 37 33.90	689	Saturn IX	2009 03 26.268575	11 14 35.656	+07 23 31.33		689
Jupiter VII	2008 09 03.148082	18 55 59.675	-23 19 53.44	689	Saturn IX	2009 04 19.199072	11 08 39.988	+07 58 18.13		689
Jupiter VII	2009 06 28.459155	21 59 54.265	-13 45 29.27	689	Saturn IX	2009 05 01.164872	11 06 47.223	+08 07 58.46		689
Jupiter VIII	2008 06 03.420005	19 25 31.947	-21 35 47.23	689	Neptune II	2009 09 15.269227	21 47 01.617	-13 48 17.06		673
Jupiter VIII	2008 06 04.416778	19 25 13.020	-21 37 15.12	689	Neptune II	2009 09 15.272433	21 47 01.601	-13 48 17.44		673
Jupiter VIII	2008 06 27.347185	19 15 41.502	-22 16 57.19	689						
Jupiter VIII	2008 06 28.344277	19 15 12.412	-22 18 50.61	689						
Jupiter VIII	2008 07 09.310309	19 09 45.073	-22 39 33.92	689						
Jupiter VIII	2008 09 13.118413	18 54 03.680	-23 54 35.33	689						
Jupiter VIII	2008 09 18.105983	18 55 02.915	-23 55 08.76	689						
Jupiter VIII	2009 06 29.454242	21 57 12.341	-13 05 23.15	689						
Jupiter VIII	2009 09 11.44402	21 23 48.40	-15 30 05.3	17.0 V						
Jupiter VIII	2009 09 11.44686	21 23 48.31	-15 30 05.6	16.7 V						
Jupiter VIII	2009 09 14.18540	21 22 42.28	-15 34 28.3	17.9						
Jupiter VIII	2009 09 14.19725	21 22 42.10	-15 34 29.7	18.3						

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

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 T. Pauwels, P. De Cat

0.85-m $f/2.5$ Schmidt + CCD

GSC-1.2, Tycho-2

{2} [161, 23, 2*, 2009/09/01–2009/09/26]

{5} [4, 1, 0*, 2009/09/01]

046 Klet

J. Tichá, Hvězdárna Klet, 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

[11, 2, 0*, 2009/09/08]

069 Baldone

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

[33, 7, 0*, 2009/04/25–2009/05/01]

071 Rhozen

V. Ivanova, Institute of Astronomy, 72 Tsarigradsko Schosse Blvd., BG-11784 Sofia, Bulgaria [ivanova@astro.bas.bg]

Observers V. Ivanova, B. Bilkina

Measurers B. Bilkina, G. Apostolovska

0.50-m $f/3.44$ Schmidt + CCD

GSC-1.1

[40, 10, 0*, 2009/09/14–2009/09/15]

106 Crni Vrh

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

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

0.60-m $f/3.3$ Deltagraph + CCD

UCAC-2

[3722, 860, 11*, 2009/07/27–2009/09/29]

113 Volkssternwarte Drebach, Schoenbrunn

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

[g.lehmann@abo.freiepresse.de]

Observers G. Lehmann, A. Knöfel, J. Kandler, G. Wollenhaupt

0.5-m reflector + CCD

UCAC-2, NOMAD

[171, 41, 2*, 2009/08/20–2009/09/28]

114 Engelhardt Observatory, Zelenchukskaya Station

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

Observers T. V. Kryachko, B. Satovski

Measurer T. V. Kryachko

0.3-m $f/7.7$ reflector + CCD

UCAC-2

[1880, 256, 32*, 2009/07/23–2009/09/25]

118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia

[ago@fmph.uniba.sk]

Observers Š. Gajdoš, A. Galád, J. Világi, L. Kornoš, I. Jaksova, Z. Fischerova

0.6-m $f/5.5$ reflector + CCD

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

[205, 30, 4*, 2009/08/25–2009/09/28]

122 Pises Observatory

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

[jean.m.lopez2@wanadoo.fr]

0.50-m $f/4.4$ reflector + CCD

USNO-A2.0

[40, 8, 1*, 2009/09/21]

130 Lumezzane

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy

[marco.bs@tiscali.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, 43, 0*, 2009/08/27–2009/09/24]

151 Eschenberg Observatory, Winterthur

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

[griesser@spectraweb.ch]

0.40-m $f/5.9$ Hypergraph + CCD

USNO-B1.0

[31, 8, 0*, 2009/09/09–2009/09/28]

152 Moletai Astronomical Observatory

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

Vilnius, Lithuania [cernis@itpa.lt]

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

0.35-m $f/3.5$ reflector + CCD

USNO-B1.0, UCAC-2

[1291, 271, 26*, 2004/10/14–2009/09/25]

160 Castelmartini

E. Prosperi, Via Bartolini 127, I-51030 Castelmartini (PT), Italy

[e.prosperi@alice.it]

Observers P. Camilleri, E. Guido, E. Prosperi, G. Sostero, M. Jaeger, W. Vollmann

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

CMC, NOMAD, UCAC-2

[238, 42, 0*, 2009/09/01–2009/09/29]

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

[25, 6, 0*, 2009/09/04–2009/09/23]

185 Vicques

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

0.61-m $f/3.88$ reflector + CCD

USNO-B1.0

[188, 48, 0*, 2009/09/09–2009/09/15]

188 Majdanak

Yu. N. Krugly, Astronomical Observatory, Kharkiv State University, Sumska Street 35, UA-310022 Kharkiv, Ukraine [krugly@astron.kharkov.ua]

Observers B. Satovski, T. V. Kryachko

Measurer T. V. Kryachko

0.36-m $f/8.2$ reflector + CCD

UCAC-2

[7, 3, 0*, 2009/09/24]

197 Bastia

F. Cavicchio, via Romea Vecchia 67, Classe, I-48100 Ravenna, Italy

[msbsoftware@tin.it]

Observers S. Moretti, S. Tomaselli, A. Maitan

0.42-m $f/5.5$ Newtonian reflector + CCD

USNO-B1.0

[3, 1, 0*, 2009/09/08]

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

[538, 80, 7*, 2009/08/29–2009/09/30]

204 Schiaparelli Observatory

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

Observers L. Buzzi, F. Luppi

0.60-m $f/4.64$ reflector + CCD, 0.38-m $f/6.8$ reflector + CCD, 0.36-m $f/5.9$ reflector + CCD

NOMAD, CMC

[199, 67, 0*, 2009/08/30–2009/09/30]

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*, 2001/11/20–2001/12/19]

212 Observatorio La Dehesilla

I. Almendros L., Via del Mar 10, E-29004 Málaga, Spain

[ialmend@supercable.es]

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

CMC

[5, 3, 0*, 2009/09/19]

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 $f/10$ Schmidt-Cassegrain + CCD

CMC, USNO-A2.0, UCAC-2

[18, 5, 0*, 2009/09/18–2009/09/27]

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

CMC, UCAC-2

[9, 3, 0*, 2009/09/12–2009/09/27]

233 San Vito

S. Donati, Sauro Donati Astronomical Observatory, San Vito, Lucca, Italy

[saurdon@tin.it]

0.30-m $f/10$ Schmidt-Cassegrain + CCD + $f/7$ focal reducer

USNO-A1.0

[4, 2, 0*, 2009/09/29]

235 CAST Observatory, Talmassons

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

[rolando.ligustri@tin.it]

0.35-m $f/6$ reflector + CCD

UCAC-2, USNO-B1.0

[16, 10, 0*, 2009/09/12]

240 Herrenberg

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

0.40-m $f/5$ reflector + CCD

UCAC-2, USNO-B1.0

[37, 8, 0*, 2009/09/19–2009/09/29]

244 Geocentric Occultation Observations

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

[DRHerald@bigpond.net.au]

Observers P. Anderson, L. Angeloni, Y. Argentin, M. Audejean, P. Baruffetti, M. Boutet, C. Bracken, J. Bradshaw, D. Breit, J. Broughton, R. Cadmus, O. Canales, A. Carcich, J. Castellani, A. Cazaux, J. Centala, F. Ciabattari, B. Cooke, P. Corelli, S. Degenhardt, M. Delcroix, D. Dunham, C. Ellington, M. Fernandez, E. Frappa, B. Gaehrken, J. Garlitz, D. Gault, T. George, J. Greenhill, J. Grismore, D. Herald, S. Kerr, A. Klotz, F. Kugel, J. Lecacheux, B. Loader, D. Lowe, D. Machholz, P. Maley, R. Mancini, J. Marco, S. Messner, R. Modic, W. Morgan, N. Mujic, T. Napier-Munn, R. Nolthenius, R. Nugent, A. Olsen, M. Owada, H. Pallares, S. Parker, H. Pavlov, R. Peterson, S. Preston, S. Quirk, C. Rinner, J. Roe, R. Roy, S. Russell, B. Sadovic, G. Samolyk, C. Schnabel, D. Slauson, R. Stanton,

B. Stine, A. Stithem, R. Suggs, G. Tonlorenzi, G. Vaudescal, D. Vecchio,
R. Venable, C. Wyatt
Measurers D. Herald, E. Frappa, T. Hayamizu, J. Talbot, B. Timerson
Hipparcos-2, UCAC-2
[30, 28, 0, 2009/01/06–2009/08/26]*

291 LPL/Spacewatch II

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
U.S.A. [bob@lpl.arizona.edu]
Observers A. F. Tubbiolo, R. S. McMillan, T. H. Bressi, M. T. Read, J. V. Scotti
1.8-m $f/2.7$ reflector + CCD
USNO-B1.0
[10229, 2566, 283, 2001/10/14–2009/09/30]*

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 A. Asami, S. Urakawa, N. Hashimoto, S. Okumura, K. Nishiyama,
T. Sakamoto
1.0-m $f/3.0$ reflector + CCD
GSC-ACT, UCAC-2, USNO-B1.0
[705, 93, 77, 2009/08/31–2009/09/24]*

304 Las Campanas Observatory

S. Benecchi, Space Telescope Science Institute, 3700 San Martin Drive, Baltimore,
MD 21218, U.S.A. [susank@alum.mit.edu]
S. S. Sheppard, Carnegie Institute of Washington, Dept. of Terrestrial
[sheppard@dtm.ciw.edu]
O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France
Observers P. L. Schechter, S. S. Sheppard, O. Vaduvescu
Clay 6.5-m telescope + CCD
1.02-m $f/10.0$ Ritchey-Chrétien + CCD
USNO-B1.0
[2, 1, 0, 2004/05/28]*

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
[3, 1, 0, 1996/09/15]*

349 Ageo

K. Kadota, 77-1-3-12-204, Koshikiya, Ageo, Saitama-ken, 362-0064 Japan [kenic-k@astroarts.co.jp]
0.25-m $f/5.0$ reflector + CCD
GSC-ACT
[2, 1, 0, 2009/08/23]*

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
[54, 5, 0, 2009/09/20–2009/09/27]*

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
[2, 1, 0, 1996/01/16]*

413 Siding Spring

R. H. McNaught, Research School of Astronomy and Astrophysics,
Siding Spring Observatory, Coonabarabran, NSW 2357, Australia
[rmn@aaocbn.aa.gov.au] (1)
K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu] (17)
1.0-m $f/8$ reflector + CCD
{1} *[3, 1, 0*, 2003/06/11]*
{17} *[7, 1, 1*, 2007/10/20–2007/10/21]*

415 Kambah

D. Herald, P.O. Box 254, Woden, ACT 2606, Australia
[DRHerald@bigpond.net.au]
0.36-m $f/3.9$ Schmidt-Cassegrain + CCD
NOMAD
[4, 2, 0, 2009/09/11]*

432 Boambee

V. A. Gardiner, 44 Shaws Close, Boambee, NSW 2452, Australia
[vgardi@chc.net.au]
0.30-m Schmidt-Cassegrain + CCD + $f/3$ focal reducer
UCAC-2
[96, 15, 0, 2009/09/06–2009/09/20]*

434 S. Benedetto Po

M. Esornati, via Romana 41, Moglia (MN), Italy [esormar@tin.it]
Observers M. Esornati, A. Righelli
0.42-m $f/4$ reflector + CCD
NOMAD
[4, 1, 0, 2009/09/22]*

442 Gualba Observatory

A. Sánchez, Masia cortinas, 52 Bajos, E-08474 Gualba, Spain
[mpc442@hotmail.com]
0.36-m $f/7$ Schmidt-Cassegrain + CCD
USNO-A2.0
[7, 5, 0, 2009/09/11]*

461 University of Szeged, Piskéztető Stn. (Konkoly)

K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu]
Observers K. Sárneczky, A. Moór, E. Elek, B. Gergely

0.60-m Schmidt + CCD

USNO-B1.0

[260, 62, 7*, 2004/09/19–2009/09/22]

467 Auckland Observatory

G. W. Christie, Auckland Observatory, P.O. Box 24-180, Royal Oak, Auckland,
New Zealand [grant@christie.org.nz]

Observers G. W. Christie, T. Natusch

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

UCAC-2

[26, 4, 0*, 2009/09/17–2009/09/28]

470 Ceccano

G. Masi, Via Madonna de Loco 47, I-03023 Ceccano (FR), Italy
[gianluca@bellatrixobservatory.org]

Observers G. Masi, V. Romeo

0.36-m $f/8$ reflector + CCD

USNO-B1.0

[2, 1, 0*, 2009/09/26]

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,
L. Monzo

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

UCAC-2

[5, 3, 0*, 2009/09/26–2009/09/29]

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]

Observers A. C. Gilmore, P. M. Kilmartin

1.0-m $f/7.7$ reflector + CCD

USNO-B1.0

[53, 12, 0*, 2009/09/22–2009/09/28]

493 Calar Alto

F. Hormuth, Centro Astronómico Hispano Alemán, C/ Jesús Durbán Remón 2-2,
E-04004 Almería, Spain [fhormuth@caha.es]

3.5-m $f/3.9$ reflector + CCD

NOMAD

[27, 9, 1*, 2009/09/17]

510 Siegen

H. Bill, Didaktik der Physik, Adolf-Reichweinstr. 2, D-57068 Siegen, Germany
[harald@astro1.physik.uni-siegen.de]

0.12-m $f/7.5$ refractor + CCD

USNO-B1.0

[6, 1, 0*, 2009/09/17–2009/09/24]

557 Ondřejov

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

Observer P. Kušnirák

0.65-m $f/3.6$ reflector + CCD

UCAC-2

[8, 1, 0*, 2009/09/26]

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

[45, 13, 0*, 2009/09/01–2009/09/23]

561 Piskésetető

J. Kelemen, Konkoly Observatory, P.O. Box 67, H-1525 Budapest, Hungary
[kelemen@ogyalla.konkoly.hu]

0.60-m $f/3$ Schmidt + CCD

USNO-A2.0

[3, 1, 1*, 2009/08/24]

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

Measurers E. Schwab, M. Meyer

1-m reflector + CCD

USNO-A2.0, USNO-SA2.0

[15, 4, 0*, 1996/03/18–1997/06/01]

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)

M. Holman, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [mholman@cfa.harvard.edu] (6)

D. D. Balam, Dominion Astrophysical Observatory, 5071 West Saanich Road,
Victoria, BC, Canada [cosmos@uvic.ca] (9)

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 G. T. Elliott, D. J. Tholen, M. Micheli

2.24-m University of Hawaii reflector

USNO-B1.0, 2MASS

{2} [15, 4, 0*, 2009/09/05–2009/09/07]

{3} [3, 1, 0*, 1997/10/30]

{6} [18, 1, 1*, 2009/06/25–2009/09/13]

{9} [3, 1, 0*, 2007/01/26]

{19} [13, 4, 0*, 2005/08/30–2007/01/19]

{20} [6, 1, 0*, 2005/10/24–2005/11/07]

585 Kiev comet station

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

Observers A. Baransky, D. Shevchenko, I. Lukyanyk, F. Kravtsov

0.7-m $f/4$ reflector + CCD

UCAC-2

[135, 14, 0*, 2009/08/25–2009/09/28]

587 Sormano

P. Sicoli, Via Valli 9, I-23846 Garbagnate Monastero (Lecco), Italy [sormano@tin.it]

Observers F. Manca, A. Testa, P. Sicoli

0.5-m $f/7$ reflector + CCD

USNO-A2.0

[65, 20, 0*, 2009/08/31–2009/09/28]

595 Farra d'Isonzo

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

Observers L. Bittesini, F. Fabris, E. Pettarin, F. Piani, D. Di Maria, A. Toso

0.40-m $f/4.5$ reflector + CCD

USNO-A2.0

[30, 11, 0*, 2009/09/06–2009/09/27]

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. Laudi, R. Leoni, A. Di Paola,

A. Giunta, V. Casula, D. Perna

0.60-m $f/3$ Schmidt + CCD

USNO-A2.0

[43, 12, 0*, 2002/01/10–2005/07/07]

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

Measurers R. J. Bouma, K. Sárneczky, S. Kürti, E. Schwab, F. Fratev

1.2-m $f/1.9$ reflector + CCD

USNO-B1.0, USNO-A2.0, NOMAD

[230, 66, 0*, 2000/04/12–2005/09/02]

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

[2563, 461, 49*, 2006/12/24–2009/09/28]

628 Mülheim-Ruhr

A. Martin, Turtle Star Observatory, Friedhostr. 15, D-45478 Mülheim-Ruhr, Germany [axelm@bph.ruhr-uni-bochum.de]

Observers A. Boeker, A. Martin, K. Kleemann-Boeker, M. Tator

0.35-m $f/5.4$ reflector + CCD, 0.30-m $f/5$ reflector + CCD

USNO-B1.0

[28, 2, 0*, 2009/08/30–2009/09/13]

629 Szeged Observatory

L. Kiss, Pf. 596, H-6725 Szeged, Hungary [l.kiss@physx.u-szeged.hu]

Observer G. Sánta

Measurer K. Sárneczky

0.40-m $f/3.0$ reflector + CCD

USNO-B1.0

[5, 2, 0*, 2009/09/22]

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

[17, 3, 0*, 2009/09/19–2009/09/26]

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, K. Kuluhiwa, M. Hicks, R. Thicksten, R. Bamberg, E. Hovland, T. Bickler, J. Schroeder, L. Scherr, A. Deetz

Measurers R. Matson, R. J. Bouma, F. Fratev, K. Sárneczky, S. Kürti, E. Schwab, A. Lowe, T. Csörgei

1.2-m Oschin Schmidt + CCD

USNO-A2.0, USNO-B1.0, NOMAD

[2270, 377, 89*, 2001/05/14–2007/04/08]

645 Apache Point–Sloan Digital Sky Survey

Z. Ivezić, 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. Ivezić, M. Jurić, R. Lupton, S. Tabachnik, T. Quinn

2.5-m SDSS Telescope + SDSS camera

UCAC-1

[336, 148, 0*, 1998/09/19–2004/03/17]

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 W. M. Owen, Jr., D. Mayes

0.61-m $f/16$ reflector + CCD

UCAC-2, USNO-B1.0

{1} [248, 82, 0*, 2009/09/15–2009/09/17]

{5} [36, 9, 0*, 2009/09/19–2009/09/23]

675 Palomar Mountain

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [elgb@lowell.edu] (6)

Observers E. M. Shoemaker, C. S. Shoemaker, D. H. Levy

Measurer B. A. Skiff

0.46-m Schmidt

[17, 1, 0*, 2009/07/24–2009/08/19]

682 Kanab

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

[mened@xpressweb.com]

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

UCAC-2

[22, 11, 0*, 2009/09/18–2009/09/28]

683 Goodricke-Pigott Observatory, Tucson

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.

[gpobs@mindspring.com]

0.35-m reflector + CCD

UCAC-2

[7408, 912, 4*, 2004/09/16–2009/09/29]

688 Lowell Observatory, Anderson Mesa Station

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

[93, 43, 5*, 2000/05/01–2009/09/18]

689 U.S. Naval Observatory, Flagstaff

H. C. Harris, U.S. Naval Observatory Flagstaff Station, P.O. Box 1149, Flagstaff,

AZ 86002-1149, U.S.A. [hch@nobs.navy.mil] (2)

1.6-m reflector + CCD

[72, 1, 0*, 2008/04/23–2009/06/30]

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, A. F. Tubbiolo, T. H. Bressi, M. T. Read, J. V. Scotti

Measurer J. L. Montani

0.9-m $f/3$ reflector + CCD

USNO-B1.0

[130848, 18848, 4239*, 1991/09/07–2009/09/29]

693 University of Arizona, Catalina Station

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ

85721, U.S.A. [chergen@pir1.lpl.arizona.edu]

1.54-m reflector + CCD

USNO-A2.0

[3, 1, 0*, 1995/12/22]

695 Kitt Peak

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] (23)

{1} [66, 32, 0*, 2000/02/05–2005/04/10]

{23} [12, 6, 0*, 2004/10/10–2007/02/21]

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

[402, 96, 0*, 1998/08/03–2007/03/19]

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]

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

GSC-ACT, USNO-A2.0, UCAC-2

[2, 1, 0*, 2005/12/21]

703 Catalina Sky Survey

S. M. Larson, Space Sciences Building, University of Arizona, Tucson, AZ 85721,

U.S.A. [slarson@lpl.arizona.edu]

Observers R. A. Kowalski, R. E. Hill, A. R. Gibbs, A. Boattini

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

[164744, 25579, 265*, 1999/09/04–2009/09/29]

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, M. Blythe

Measurer J. Stuart

1.0-m $f/2.15$ reflector + CCD

USNO-A2.0

[164604, 27401, 40*, 2001/10/15–2009/09/29]

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

[4, 1, 0*, 2003/01/03]

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, C. Sexton, P. Makinen, J. McCollum, P. G. A. Garossino,

J. Jackson

0.46-m $f/4.5$ Newtonian reflector + CCD, 0.9-m $f/7.6$ Ritchey-Chrétien + CCD

UCAC-2, USNO-A2.0

[178, 39, 5*, 2004/10/16–2009/09/20]

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)

{1} [72, 35, 0*, 2000/07/29–2005/05/10]

{3} [9, 2, 0*, 2001/01/24–2003/03/31]

{15} [8, 4, 0*, 2005/08/08–2006/08/21]

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)

A. Galád, no details supplied [Adrian.Galád@fmph.uniba.sk] (35)

Observers E. W. Elst, A. Boattini, A. Galád
1.0-m Schmidt, 1.54-m Danish Telescope + CCD

{4} [12, 4, 0*, 1992/09/23–1998/08/26]

{8} [10, 9, 0*, 1993/03/23–1996/09/15]

{9} [11, 4, 0*, 2003/01/25–2005/02/18]

{35} [437, 50, 13*, 2009/09/17–2009/09/27]

834 Buenos Aires-AAAA

R. Mackintosh, Seccion Sistema Solar, Asociacion Argentina Amigos de la
Astronomia, Av. Patricias Argentinas 550, AR-1405 Capital Federal,
Argentina [robertom@aaaa.org.ar]

Observers R. Mackintosh, M. Konishi, R. Mykytyuk

Measurer R. Mackintosh

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

USNO-A2.0

[8, 3, 0*, 2009/09/12–2009/09/13]

844 Los Molinos

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

Observers S. Bruzzone, S. Roland, R. Salvo, G. Tancredi, M. Martinez, S. Salvo

0.35-m reflector + CCD

USNO-A2.0, USNO-B1.0, USNO-SA2.0

[48, 5, 0*, 2009/09/12–2009/09/26]

850 Cordell-Lorenz Observatory, Sewanee

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

Observers D. T. Durig, C. M. Allen

0.30-m Schmidt-Cassegrain + CCD

UCAC-2

[17, 5, 1*, 2009/09/28–2009/09/30]

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

[85, 29, 0*, 2009/08/29–2009/09/29]

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

UCAC-2, USNO-B1.0

[156, 64, 0*, 2009/09/01–2009/09/24]

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

[21, 7, 0*, 1997/10/03–1998/10/22]

926 Tenagra II Observatory

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

[mbs@tenagraobservatories.com]

Observers M. Ory, P. R. Holvorcem, M. Schwartz

Measurers M. Ory, P. R. Holvorcem, L. Elenin

0.81-m $f/7$ Ritchey-Chrétien + CCD

USNO-B1.0, USNO-A2.0

[170, 44, 1*, 2003/05/25–2009/09/30]

939 Observatorio Rodeno

J. Castellano, Av. Primado Reig 183, E-46020 Valencia, Spain [julioc@ono.com]

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

CMC

[3, 1, 0*, 2009/09/25]

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

[41, 7, 5*, 2009/09/18–2009/09/28]

950 La Palma

R. Duffard, Instituto de Astrofisica de Andalucia, Granada, Spain

[duffard@iaa.es] (20)

Observer R. Duffard

Measurers R. Duffard, A. Thirouin

2.5-m $f/3.29$ reflector + CCD

USNO-B1.0

[28, 7, 0*, 2009/03/22–2009/05/26]

954 Teide Observatory

R. Casas, A. A. Sabadell P.O. Box 50, E-08200 Sabadell, Spain [rcr@ot.iac.es]

Observers J. A. Henríquez, J. F. Hernandez, G. Vazquez

Measurers J. M. Aymami, J. Castellano, E. Reina

0.82-m $f/11$ Cassegrain + CCD
USNO-B1.0

[3, 1, 0*, 2009/09/05]

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, USNO-B1.0

[159, 64, 2*, 2009/08/29–2009/09/29]

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

[141, 41, 0*, 2009/08/30–2009/09/27]

A23 Weinheim

L. Kurtze, Klingenbergweg 14, D-69469 Weinheim, Germany [lothar.kurtze@web.de]

Observers L. Kurtze, C. Kurtze

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

UCAC-2

[10, 5, 0*, 2009/09/26]

A32 Panker

H. Denzau, Im Brook 8, D-24321 Panker, Germany [denzau@t-online.de]

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

USNO-B1.0

[27, 9, 0*, 2009/08/24–2009/09/25]

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

[67, 25, 0*, 2009/09/23–2009/09/27]

A37 Mueggelheim

S. Andersson, Wiesbacher Weg 10, D-125559 Berlin, Germany [s.andersson@t-online.de]

Observer S. Andersson

Measurer M. Haupt

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

USNO-B1.0

[5, 2, 0*, 2009/09/19–2009/09/27]

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

[329, 65, 18*, 2009/08/24–2009/09/28]

A48 Povegliano Veronese

F. Rossetti, Via Di Vittorio 6, Povegliano Veronese (Verona), Italy

[rosfla@libero.it]

0.30-m $f/5$ reflector + CCD

USNO-A2.0

[16, 4, 0*, 2009/08/31–2009/09/27]

A50 Andrushivka Astronomical Observatory

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

[yurets@gluk.org]

Observers Y. Ivashchenko, P. Kyrylenko, Y. Kazmirchuk

Measurer A. Nikolajchuk

0.6-m reflector + CCD

USNO-A2.0

[1544, 513, 2*, 2008/08/09–2009/09/27]

A53 Peschiera del Garda

R. Bianco, via della repubblica 31, I-37019 Peschiera del Garda, Italy

[robertobianco1950@libero.it]

0.25-m Schmidt-Cassegrain + CCD

USNO-A2.0

[32, 4, 0*, 2009/09/17–2009/09/29]

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

[40, 6, 2*, 2009/09/22–2009/09/26]

A60 YSTAR-NEOPAT Station, Sutherland

Y. I. Byun, Yonsei University Observatory, Seoul 120-749, South Korea

[byun@galaxy.yonsei.ac.kr]

Observers M. J. Kim, Y. H. Bae, Y. J. Choi, H. Yi, H. K. Moon, Y. I. Byun,

H. S. Yim, W. Han

0.5-m $f/2$ reflector + CCD

USNO-B1.0

[6, 2, 0*, 2009/09/22]

A65 Le Couvent de Lentin

A. Vergara, Le Couvent de Lentin, F-12170 Ledergues, France

[avergara33@wanadoo.fr]

0.13-m refractor + CCD

USNO-A2.0, GSC-ACT

[16, 4, 0*, 2009/09/08–2009/09/26]

A70 Lumijoki

V. Kallio, Luontotie 48, SF-91980 Lumijoki, Finland

[veijo.kallio@mail.suomi.net]

0.40-m $f/5.0$ reflector

USNO-A2.0

[3, 1, 0*, 2009/09/13]

A71 Stixendorf

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

[vollmann@gmx.at]

Observers M. Jaeger, P. Camilleri, E. Guido, E. Prosperi, G. Sostero, W. Vollmann

0.30-m $f/3.3$ reflector + CCD, 0.20-m $f/2.8$ reflector + CCD

UCAC-2

[20, 6, 0*, 2009/08/29]

A74 Bergen-Enkheim Observatory

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

[u.suessenberger@t-online.de]

0.4-m $f/4$ reflector + CCD

USNO-B1.0

[33, 10, 0*, 2009/08/31–2009/09/28]

A76 Andromeda Observatory, Miskolc

S. Braskó, H-3521 Miskolc, Retek út. 20, Hungary [sandor.brasko@freemail.hu]

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

USNO-B1.0

[3, 1, 0*, 2009/09/18]

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-A2.0, USNO-B1.0, USNO-SA2.0

[2693, 650, 45*, 2009/08/23–2009/09/30]

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, USNO-B1.0

[23, 7, 0*, 2009/09/05–2009/09/26]

A92 Urseanu Observatory, Bucharest

A. Sonka, Astronomical Observatory Amiral Vasile Urseanu, Bd. Lascar Catargiu

nr. 21, sect.1, Bucharest, Romania [bruno@astroclubul.org]

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

USNO-B1.0

[22, 5, 0*, 2009/08/02–2009/09/23]

A94 Cormons

E. G. Basiglio Ribaud, 22 Via Savaian, I-34071 Cormons, Italy

[pociotti@simail.it]

0.35-m Schmidt-Cassegrain + CCD

USNO-B1.0

[9, 3, 0*, 2009/09/06]

A97 Stammersdorf

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

[vollmann@gmx.at]

0.20-m $f/4$ reflector + CCD

NOMAD, UCAC-2

[19, 3, 0*, 2009/09/05–2009/09/18]

B01 Taunus Observatory, Frankfurt

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

Observers R. Kling, U. Zimmer, S. Karge, E. Schwab

0.6-m $f/3.3$ Cassegrain + CCD

UCAC-2

[1293, 211, 24*, 2009/08/23–2009/09/28]

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

[48, 13, 0*, 2009/09/01–2009/09/26]

B04 OAVdA, Saint-Barthelemy

A. Carbognani, Osservatorio Astronomico della Regione Autonoma Valle

d'Aosta, 39 Saint-Barthelemy Lignan, I-11020 Nus (Aosta), Italy

[albino@fis.unipr.it]

0.81-m $f/7.9$ reflector + CCD

CMC

[4, 1, 0*, 2009/09/13]

B11 Osservatorio Cima Rest, Magasa

M. Toninelli, Via Paganini 12, I-25088 Toscolano-Maderno (BS), Italy

[m.toninelli@alice.it]

0.5-m $f/5$ Newtonian reflector + CCD

UCAC-2

[9, 4, 0*, 2009/09/19–2009/09/20]

B15 Inastars Observatory, Potsdam (since 2006)

B. Thinius, Moosgloeckchenweg 8, D-14478 Potsdam, Germany [thinius@t-

online.de]

0.36-m $f/5.8$ Schmidt-Cassegrain + CCD

NOMAD

[103, 25, 0*, 2009/09/19–2009/09/26]

B17 AZT-8 Evpatoria

V. Rihalsky, 97419, Evpatoria-19, Crimea, Ukraine [vlad.rvv@mail.ru]

Observers V. Lopachenko, S. Zolotov, V. Ryhalsky

Measurers V. Lopachenko, A. Bruhovecky

0.7-m $f/4.0$ reflector

USNO-A2.0

[634, 4, 0*, 2009/09/15–2009/09/24]

B18 Terskol

S. Barabanov, Institute of Astronomy of RAS, 48 Pyatnitskaya, Moscow 109017,

Russia [inasan@burbonz.nalnet.ru]

Observers A. Baransky, M. Andreev, V. Ponomarenko

0.36-m $f/10$ reflector + CCD

UCAC-2, USNO-A2.0

[4, 2, 0*, 2009/08/13]

B19 Observatorio Iluro, Mataró

J. M. Villegas B., Plaza de les Tereses, E-08302 Mataró, Barcelona, Spain

[vilaia@telefonica.net]

020-m $f/3.7$ Schmidt-Cassegrain + CCD

CMC

[18, 6, 0*, 2009/09/26–2009/09/27]

B21 Gaisberg Observatory, Schaerding

R. Gierlinger, Adalbert Stifterstrasse 45, A-4780 Schaerding, Austria

[info@gierlinger.cc]

0.6-m $f/3.3$ Newtonian reflector + CCD
USNO-A2.0

[3, 1, 0*, 2009/08/29]

B24 Cesson

M. Serrau, 10 allée du Jasmin, F-77240 Cesson, France [marc.serrau@free.fr]
0.3-m Schmidt-Cassegrain + CCD

UCAC-2

[3, 1, 0*, 2009/09/24]

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

[3, 2, 0*, 2009/09/22–2009/09/23]

B28 Mandi Observatory, Pagnacco

P. Corelli, Mandi Observatory, Pagnacco, Udine, Italy [corelli@conecta.it]

0.45-m $f/4.5$ reflector + CCD

NOMAD

[3, 1, 0*, 2009/09/27]

B29 L'Ampolla Observatory, Tarragona

E. Forné, C/ Ciudad de Mendoza 40, E-08191 Rubí, Barcelona, Spain
[enfor@orange.es]

0.36-m $f/4$ reflector + CCD

UCAC-2

[9, 1, 0*, 2009/09/24]

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. Emilio, F. Biasci, D. Antonacci

0.5-m Ritchey-Chrétien + CCD

CMC, USNO-A2.0

[32, 9, 0*, 2009/09/23–2009/09/28]

B36 Redshed Observatory, Kallham

H. Bachleitner, Weireth 18, A-4720 Kallham, Austria

[hannes.bachleitner@aon.at]

0.32-m $f/5.1$ Newtonian reflector + CCD

USNO-A2.0

[20, 4, 3*, 2009/09/26–2009/09/28]

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, NOMAD

[7, 1, 0*, 2009/09/28]

B40 Skylive Observatory, Catania

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

Observers P. Camilleri, G. Sostero, E. Guido, E. Prosperi, F. Tozzi

0.30-m $f/6.3$ reflector + CCD, 0.41-m $f/10$ Schmidt-Cassegrain + CCD + $f/5.6$
focal reducer

USNO-B1.0, UCAC-2

[31, 8, 2*, 2009/08/31–2009/09/14]

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-B1.0, USNO-A2.0

[46, 9, 1*, 2009/09/10–2009/09/24]

B46 Sintini Observatory, Alfonsine

M. Graziani, Sintini Obs, Via Circonvallazione 92/2, Argenta, Italy

[magraziani@racine.ra.it]

Observers M. Graziani, F. Tozzi

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

UCAC-2

[7, 2, 0*, 2009/09/01–2009/09/02]

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, CMC, UCAC-2

[7, 1, 0*, 2009/09/25–2009/09/27]

B50 Corner Observatory, Durmersheim

J. Linder, Im Eck 1/19, D-76448 Durmersheim, Germany

[juergen@cometmillenium.de]

0.20-m $f/9.4$ Schmidt-Cassegrain + CCD

UCAC-2

[2, 1, 0*, 2009/09/01]

B51 Vallauris

J. Nicolas, 364 chemin de Notre Dame, F-06220 Vallauris, France

[nicolas.joel@wanadoo.fr]

0.28-m $f/6.5$ reflector + CCD

USNO-A2.0

[3, 1, 0*, 2009/09/29]

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-A2.0

[4, 1, 0*, 2009/09/09]

B70 Sant Celoni

L. Montoro, C/ Sant Joan no. 7, E-08470 Sant Celoni, Spain

[luis.hidra@gmail.com]

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

CMC

[3, 1, 0*, 2009/09/26–2009/09/27]

B71 Observatorio El Vendrell

J. Coloma, Estornell 1, bloque 6, 3-C, E-43880 El Vendrell, Spain

[observasantgervasi@gmail.com]

0.20-m $f/10$ Schmidt-Cassegrain + CCD
UCAC-2

[6, 2, 0*, 2009/09/11–2009/09/27]

B74 Santa Maria de Montmagastrell

J. M. Bosch, Carrer del Nord, 29, 3r, 2a, E-25300 Tàrrrega, Spain
[jbosch1@xtec.cat]

0.31-m $f/4.9$ Newtonian reflector + CCD
CMC

[36, 10, 1*, 2009/09/14–2009/09/30]

B75 Stazione Astronomica Betelgeuse, Magnago

M. Martignoni, Via Don Minzoni 26D, I-20020 Magnago (Milano), Italy
[massimiliano.martignoni@alice.it]

0.20-m $f/10$ Schmidt-Cassegrain + CCD
USNO-B1.0

[19, 9, 0*, 2009/02/12–2009/09/23]

B76 Sternwarte Schönfeld, Dresden

T. Felber, Am Schloß 6, Schönfeld, D-01328 Dresden, Germany [tobi.23@gmx.de]

0.25-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
USNO-B1.0

[18, 5, 0*, 2009/09/20–2009/09/26]

B82 Maidbronn

B. Haeusler, Albin-Joerg-Strasse 28, D-97222 Maidbronn, Germany
[bernhard.haeusler@t-online.de]

0.30-m Schmidt-Cassegrain + CCD
CMC, USNO-A2.0

[35, 10, 0*, 2009/09/25–2009/09/28]

B86 Sternwarte Hagen

M. Klein, Hierseier Weg 22, D-58119 Hagen, Germany
[minorplanets@sternwarte-hagen.de]

0.50-m $f/3.0$ Delta graph + CCD
USNO-B1.0

[15, 3, 0*, 2009/09/25–2009/09/26]

B88 Bigmuskie Observatory, Mombercelli

A. Ferrero, via Italo Aresca 12bis, I-14047 Mombercelli (AT), Italy
[bigmuskie@alice.it]

0.3-m $f/8$ reflector + CCD
USNO-B1.0

[64, 20, 0*, 2009/09/01–2009/09/29]

B89 Observatori Astronòmic de Tiana

J. M. Aymami, Observatori de Tiana, Eduard Fontserè, E-08391 Tiana, Spain
[astrotiana.MPC@gmail.com]

Observers J. M. Aymami, J. Martinez
0.43-m $f/6.8$ reflector + CCD
CMC

[9, 3, 0*, 2009/09/10–2009/09/27]

B90 Malina River Observatory, Povoletto

G. Sostero, Via Nievo, nr. 1, I-33040 Povoletto (UD), Italy
[giovanni.sostero@elettra.trie]

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero, W. Vollmann

0.25-m $f/11$ reflector + CCD
UCAC-2

[34, 14, 0*, 2009/09/12–2009/09/13]

B92 Chinon

M. Audejean, Place du Général de Gaulle, F-37500 Chinon, France
[maurice.audejean@wanadoo.fr]

0.32-m $f/6$ Newtonian reflector + CCD
USNO-B1.0

[16, 2, 0*, 2009/09/07–2009/09/24]

C00 Velikie Luki

A. Eliseev, Oktyabrskiy prospekt, 126-73, Velikie Luki, 182100, Russia
[yeles@mail.ru]

0.15-m $f/5.1$ reflector + CCD
UCAC-2

[41, 4, 0*, 2009/09/02–2009/09/24]

C01 Lohrmann-Observatorium, Triebenber

R. Langhans, TU Dresden, Lohrmann-Observatorium, D-01062 Dresden, Germany
[ralf.langhans@tu-dresden.de]

0.6-m $f/4$ Newtonian reflector + CCD
UCAC-2

[114, 15, 0*, 2009/08/19–2009/09/09]

C02 Observatorio Royal Park,

P. Pavo A., no details supplied [p.pavo@hotmail.com]

0.20-m Schmidt-Cassegrain + CCD
CMC-14

[12, 3, 0*, 2009/08/29–2009/09/12]

C03 Clayhole Observatory, Jokela

J. Suomela, Ida Aalbergin tie 3 A 144, SF-00400 Helsinki, Finland
[astrometric@cataclysmix.com]

0.20-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
USNO-B1.0

[23, 3, 0*, 2009/08/21–2009/09/14]

D20 Zadko Observatory, Wallingup Plain

M. Todd, 15 Conifer Street, Maddington, WA 6109, Australia
[sionnagh@gmail.com]

1.0-m $f/4.0$ Cassegrain + CCD
USNO-B1.0

[224, 38, 1*, 2009/09/25–2009/09/27]

D21 Shenton Park

P. Lucas, 18 Waverley Street, Shenton Park, WA 6008, Australia
[paul.lucas@mac.com]

Observers P. Lucas, P. R. Holvorcem
0.35-m Schmidt-Cassegrain + CCD
USNO-A2.0

[100, 31, 0*, 2009/08/28–2009/09/25]

D25 Tzec Maun Observatory, Pingelly

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

Observers D. Chestnov, J. Sachs, A. Novichonok, A. Smirnov, E. Evdokimova,
S. Niskanen, R. Apitzsch, D. Mendicini
Measurers J. Sachs, A. Novichonok, A. Smirnov, E. Evdokimova, D. Kirienko,
R. Apitzsch, D. Mendicini

0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD

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

[167, 56, 0*, 2009/07/23–2009/09/23]

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, Y. Z. Wu, G. T. Zhaori, M. Wang, R. Q. Hong,
L. F. Hu

Measurers H. B. Zhao, G. T. Zhaori, H. Lu, F. Zeng

1.04-m $f/1.8$ Schmidt + CCD

[4869, 1250, 42*, 2009/09/13–2009/09/19]

D35 Lulin Observatory

H. C. Lin, 300 JungDa Rd, Chung-li City, Tao-yuan Country, Taiwan

[hclin@astro.ncu.edu.tw]

Observers C. W. Chen, Z. W. Zhang

Measurer Z. W. Zhang

0.41-m $f/8.8$ Ritchey-Chrétien + 2K×2K CCD + $f/6.25$ focal reducer
USNO

[15, 5, 0*, 2006/10/15–2007/03/20]

D39 Shandong University Observatory, Weihai

S. M. Hu, 180# Wenhua XiLu, Weihai, Shandong, P.O. 264209, China

[husm@sdu.edu.cn]

Observers S. M. Hu, J. M. Ai, C. M. Zhang

Measurer L. X. Wang

1.0-m $f/8.0$ reflector + CCD

UCAC-2

[9, 1, 0*, 2009/09/12–2009/09/14]

D90 RAS Observatory, Moorook

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil

[cjacqueslf@yahoo.com.br] (23)

K. Hills, 2 Brindley Brae, Kinver, DY7 6LR, England [kinverhills@aol.com] (30)

H. Sato, 46-2-401, Den-en-chofu, Ota-ku, Tokyo, Japan [pite@pc4.so-net.ne.jp]
(32)

Observers H. Sato, K. Hills, C. Jacques, E. Pimentel, B. Conklin

0.25-m $f/6$ Ritchey-Chrétien + CCD, 0.30-m $f/9.5$ Ritchey-Chrétien + CCD,

0.41-m $f/9$ Ritchey-Chrétien + CCD, 0.14-m $f/7$ refractor + CCD

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

{23} [9, 3, 0*, 2009/09/13]

{30} [53, 9, 0*, 2009/09/10–2009/09/23]

{32} [3, 1, 0*, 2009/09/19]

E10 Siding Spring Faulkes Telescope South

P. Roche, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB, Wales

[info@faulkes-telescope.com]

Observers R. Miles, G. Muler

2.0-m $f/10.0$ Ritchey-Chrétien + CCD

NOMAD, USNO-B1.0

[32, 7, 0*, 2009/09/18–2009/09/29]

E11 Frog Rock Observatory, Mudgee

S. Quirk, 57 Norlenbah Road, Mudgee, NSW 2850, Australia

[sjquirk@hwy.com.au]

0.32-m reflector + CCD

UCAC-2

[10, 3, 0*, 2009/09/05–2009/09/28]

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

[29840, 6916, 17*, 2004/04/15–2009/09/29]

E85 Farm Cove

J. McCormick, 2/4 Rapallo Place, Farm Cove, Pakuranga, Auckland, New Zealand

[farmcoveobs@extra.co.nz]

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

UCAC-2

[32, 4, 1*, 2009/09/16–2009/09/28]

E94 Possum Observatory, Gisborne

J. Drummond, no details supplied [john.drummond@extra.co.nz]

0.41-m $f/5.2$ reflector + CCD

UCAC-2

[8, 1, 0*, 2009/09/08]

F59 Ironwood Remote Observatory, Hawaii

K. Archer, Ironwood Remote Observatory, 59-495 Hoalike Road, Haleiwa HI,

U.S.A. [kenarcher@ironwoodobservatory.com]

Observers K. Archer, V. Reddy, R. Archer

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

USNO-B1.0

[3, 1, 0*, 2009/09/17]

F65 Haleakala-Faulkes Telescope North

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England

[rmiles@baa.u-net.com] (6)

P. Roche, FT Project, School of Physics and Astronomy, Cardiff University,
Cardiff, U.K. [info@faulkes-telescope.com] (7)

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy

[marco.bs@tiscali.it] (9)

Observers R. Miles, M. Micheli, L. Hang, J. Moreland, G. Muler, R. Khan

2.0-m $f/10.0$ Ritchey-Chrétien + CCD

NOMAD, USNO-B1.0

{6} [155, 41, 0*, 2009/09/03–2009/09/29]

{7} [4, 2, 0*, 2009/09/21]

{9} [85, 10, 5*, 2009/09/12–2009/09/28]

F84 Hibiscus Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia

[ateamo@mail.pf]

0.35-m $f/2.0$ Schmidt + CCD

UCAC-2

[188, 50, 6*, 2009/08/19–2009/09/24]

F85 Tiki Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia

[ateamo@mail.pf]

0.41-m $f/8.0$ Ritchey-Chrétien + CCD

UCAC-2

[139, 45, 2*, 2007/04/11–2009/09/23]

G56 Walnut Creek

G. McKeegan, 1760 First Ave., Walnut Creek, CA 94597, U.S.A.

[geraldspace@earthlink.net]

0.28-m Schmidt-Cassegrain + CCD + $f/6.2$ focal reducer

USNO-B1.0

[67, 18, 0*, 2009/09/08–2009/09/26]

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]

Observers G. McKeegan, C. Jung

0.9-m $f/8$ Cassegrain + CCD + $f/6.3$ focal reducer

USNO-B1.0

[27, 9, 0*, 2009/09/21–2009/09/28]

G68 Sierra Stars Observatory, Markleeville

R. Williams, 115 Chambers Lane, Markleeville, CA 96120, U.S.A.

[richw@sierrastars.com]

Observers R. Matson, M. Ory, M. Nicholson, W. G. Dillon

Measurers R. Matson, M. Ory, M. Nicholson, D. Wells

0.61-m $f/10$ reflector + CCD

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

[328, 67, 14*, 2009/08/27–2009/09/27]

G69 Thousand Oaks

J. W. Brinsfield, 5180 Via Capote, Thousand Oaks, CA 91320, U.S.A.

[jbrinsfi@gmail.com]

0.35-m $f/10$ Cassegrain + CCD

USNO-A2.0

[9, 2, 0*, 2009/09/18–2009/09/27]

G84 Mount Lemmon SkyCenter

A. Block, no details supplied [ablock@as.arizona.edu]

0.6-m $f/7.8$ reflector + CCD

USNO-A2.0

[32, 7, 0*, 2009/09/17–2009/09/19]

G89 Kachina Observatory, Flagstaff

J. Hobart, 975 Mesa Trail, Flagstaff, AZ 86001-9632, U.S.A.

[nova@needspeed.net]

0.36-m $f/11.2$ Schmidt-Cassegrain + CCD

UCAC-2

[325, 59, 10*, 2009/09/13–2009/09/29]

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

[819, 252, 1*, 2009/09/24–2009/09/25]

G96 Mt. Lemmon Survey

E. Beshore, 1629 E. University Blvd., Tucson, AZ 85721-0092, U.S.A.

[ebeshore@lpl.arizona.edu]

Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs, A. D. Grauer

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

[126943, 24783, 1924*, 2004/10/15–2009/09/30]

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

[381, 43, 13*, 2009/09/20–2009/09/28]

H01 Magdalena Ridge Observatory, Socorro

W. H. Ryan, Magdalena Ridge Observatory, New Mexico Tech, Socorro, NM

87801, U.S.A. [bryan@nmt.edu]

Observers W. H. Ryan, E. V. Ryan

2.4-m $f/8.9$ reflector + CCD

USNO-B1.0, NOMAD

[141, 38, 0*, 2009/09/24–2009/09/28]

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 Astrofili 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)

H. Sato, 46-2-401, Den-en-chofu, Ota-ku, Tokyo, Japan [pite@pc4.so-net.ne.jp] (32)

M. Gerber, Department of Ichthyology, Biodiversity Research Center, University of Kansas, Lawrence, KS 66045 [gerber.monique@gmail.com] (33)

Observers H. Sato, E. Bryssinck, P. Camilleri, E. Guido, M. Jaeger, E. Prosperi,

G. Sostero, W. Vollmann, A. Lowe, N. Falla, R. Ligustri, M. Suzuki

0.25-m $f/3.4$ hyperbolic astrograph + CCD, 0.10-m $f/5$ reflector + CCD, 0.30-m $f/11.9$ reflector + CCD

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

{6} [123, 13, 11*, 2009/09/14–2009/09/29]

{14} [6, 2, 0*, 2009/09/15–2009/09/23]

{19} [2, 1, 0*, 2009/09/26]

{20} [20, 5, 2*, 2009/09/16–2009/09/27]

{32} [31, 8, 0*, 2009/09/02–2009/09/26]

{33} [20, 1, 0*, 2009/09/26–2009/09/28]

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

[6, 2, 0*, 2006/11/25–2006/12/22]

H08 BlackBird Observatory, Cloudcroft

K. Levin, P.O. Box 137, Cloudcroft, NM 88317, U.S.A. [klevin57@gmail.com]

Observer K. Levin

Measurer N. Teamo

0.51-m $f/8.26$ Ritchey-Chrétien + CCD
UCAC-2

[9, 3, 0*, 2009/09/24]

H10 Tzec Maun Observatory, Mayhill

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

Observers S. Plaksa, V. Nevski, A. Martin, D. Chestnov, A. Novichonok, L. Elenin,
E. Schwab, E. Bryssinck, A. Smirnov, F. Tozzi, R. Apitzsch, S. Shurpakov

0.18-m $f/7.3$ refractor + CCD, 0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.21-m
 $f/7.9$ refractor + CCD, 0.41-m $f/9.0$ Ritchey-Chrétien + CCD

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

[813, 206, 11*, 2009/07/25–2009/09/30]

H11 Rodeo

S. G. Cullen, P.O. Box 54, Rodeo, NM 88056, U.S.A. [trluce001@verizon.net]

Observers S. G. Cullen, F. Fratev

Measurers S. G. Cullen, T. Luce, F. Fratev

0.61-m $f/8$ Ritchey-Chrétien + CCD

USNO-B1.0, NOMAD, USNO-A2.0

[351, 70, 13*, 2009/09/15–2009/09/29]

H23 Pear Tree Observatory, Valparaiso

T. Haugh, 361 Okaloosa Ave, Valparaiso, FL 32580, U.S.A. [haugh@valp.net]

0.25-m $f/5.4$ Newtonian reflector + CCD

USNO-B1.0

[9, 3, 0*, 2009/09/28]

H26 Doc Greiner Research Observatory, Janesville

M. Mills, 3186 W. Danbury Drive, Janesville, WI, U.S.A. [mills@charter.net]

0.40-m $f/8$ Schmidt-Cassegrain + CCD

USNO-B1.0, UCAC-2

[254, 46, 0*, 2009/09/08–2009/09/27]

H36 Sandlot Observatory, Scranton

G. Hug, 964 W. 149th St., Scranton, KS 66537, U.S.A. [fast@nekaal.org]

0.56-m reflector + CCD, 0.7-m reflector + CCD

USNO-B1.0, UCAC-2

[280, 73, 5*, 2009/07/31–2009/09/30]

H45 Arkansas Sky Obs., 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

[130, 20, 0*, 2009/09/02–2009/09/27]

H47 Vicksburg

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

[charbell@bellsouth.net]

0.3-m $f/4.7$ Schmidt-Cassegrain + CCD

NOMAD

[38, 11, 0*, 2009/09/01–2009/09/09]

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

[42, 4, 0*, 2009/09/02–2009/09/22]

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, L. Trigoboff, C. Ellis, S. Gilmore, C. Noel, K. Dankov,

S. Foglia, D. Carter, B. King, A. Lucas, J. Hunter, H. Giles, L. Holt,

H. Cottrell, E. Eppstein, J. Helmey, A. Vassallo, L. Bowden, C. Dobson,

J. Nichols, R. Nunnery, S. Neal, P. Lynch, T. Downing, H. Cottrell

0.61-m astrograph + CCD, 0.81-m astrograph + CCD

USNO-B1.0, UCAC-2

[596, 103, 2*, 2008/08/30–2009/09/30]

H60 Shadowbox Observatory, Carmel

J. Ruthroff, 12745 Crescent Dr., Carmel, IN, U.S.A. [john@theastroimager.com]

0.30-m $f/10$ Schmidt-Cassegrain + CCD + $f/6$ focal reducer

UCAC-2

[5, 2, 0*, 2009/09/19]

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 $f/6$ Schmidt-Cassegrain + CCD

GSC-ACT

[12, 3, 0*, 2009/09/17–2009/09/18]

H85 Silver Spring

K. Levin, 10712 Meadowhill Road, Silver Spring, MD 20901, U.S.A.

[klevin57@gmail.com]

Observer K. Levin

Measurer N. Teamo

0.45-m $f/7.25$ Ritchey-Chrétien + CCD

UCAC-2

[9, 3, 0*, 2009/09/14]

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

[9, 2, 0*, 2000/07/25–2004/02/18]

I08 Alianza S4, Cerro Burek

R. Gil-Hutton, Casilla de Correo 467, Av. España 1512 sur, J5402DSP, San Juan,
Argentina [rgilhutton@casleo.gov.ar]

Observers J. L. Ortiz, R. Gil-Hutton, R. Duffard, P. Santos-Sanz,
Measurers R. Stoss, J. Nomen, S. Sánchez

0.45-m $f/2.8$ reflector + CCD
UCAC-2

[8, 1, 1*, 2009/08/29–2009/09/02]

I13 Washington D.C.

R. Schmidt, 1810 35th St NW, Washington, DC 20007, U.S.A.
[rich.schmidt@gmail.com]

0.32-m reflector + CCD

UCAC-2

[240, 53, 0*, 2009/08/20–2009/09/28]

I15 Wishing Star Observatory, Barrington

H. G. Peterson, 405 New Meadow Road, Barrington, RI 02806, U.S.A.
[pete@petersonengineering.com]

0.35-m $f/10$ Schmidt-Cassegrain + CCD + $f/5.0$ focal reducer
USNO-B1.0

[28, 2, 0*, 2009/09/26]

I19 Tanti

C. Colazo, El Gato Gris, 145 San Luis Street, Tanti, Argentina
[gatogristanti@gmail.com]

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

UCAC-2, USNO-A2.0

[28, 8, 0*, 2009/09/10–2009/09/25]

I20 Rio Cuarto

F. D. Mazzone, 1469 Achalay Street, AR-5800 Rio Cuarto, Argentina
[fmazzone@exa.unrc.edu.ar]

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

UCAC-2

[170, 45, 0*, 2009/09/10–2009/09/26]

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 $f/3.9$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[59, 12, 0*, 2009/09/06–2009/09/26]

I32 Observatorio Beta Orionis, Rosario

F. Tifner, no details supplied [fernandotifner@frimecargentina.com.ar]

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

USNO-A2.0, CMC, UCAC-2

[7, 3, 0*, 2009/09/08]

I37 Astrodome Observatory, Santa Rita

D. Verrascina, Santa Rita 2129, Buenos Aires, AR-1609 Argentina
[domiv@axoft.com]

0.35-m $f/6.8$ Schmidt-Cassegrain + CCD

USNO-B1.0, USNO-A2.0

[31, 8, 0*, 2009/09/10–2009/09/25]

J03 Gothers Observatory, St. Dennis

D. Sergison, 5, Gothers Road, St. Dennis, Cornwall PL26 8DF, England
[darryl.sergison@hotmail.com]

0.25-m $f/4.15$ Schmidt-Cassegrain + CCD

USNO-B1.0

[27, 5, 0*, 2009/08/20–2009/09/21]

J04 ESA Optical Ground Station, Tenerife

D. Koschny, European Space Agency ESA/ESTEC, Keplerlaan 1, NL-2201 AZ
Noordwijk ZH, The Netherlands [Detlef.Koschny@esa.int]

Observers M. Busch, R. Kresken, J. Kuusela, Z. Sodnik

1.0-m $f/4.4$ reflector + CCD

USNO-B1.0, USNO-A2.0

[603, 102, 82*, 2009/09/10–2009/09/14]

J05 Bootes Observatory, Boecillo

D. Cardenosa, BOOTES Obs, Almendro 19, Boecillo CP47151, Valladolid, Spain
[dcardenosa@yahoo.es]

Observer D. Cardenosa

Measurers D. Cardenosa, R. Lozano

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

CMC

[8, 2, 0*, 2009/09/05]

J10 Alicante

M. Rodríguez de Viguri, Roger de Lluria 23-25, E-03560 Alicante, Spain
[viguri@ya.com]

0.20-m $f/5$ reflector + CCD

CMC

[6, 2, 0*, 2009/09/11–2009/09/21]

J14 La Corte

E. Ferra, 96 La Corte, E-35630 Antigua, Las Palmas de Gran Canaria, Canary
Islands, Spain [deferrae@hotmail.com]

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

UCAC-2

[44, 11, 0*, 2009/09/13–2009/09/27]

J16 An Carraig Observatory, Loughinisland

K. Rooney, 73a Drumgooland Road, Loughinisland, Downpatrick, Northern Ireland
[kieranprooney@yahoo.co.uk]

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

USNO-B1.0

[16, 4, 0*, 2009/09/11–2009/09/19]

J20 Aravaca

K. W. Wierzchos, no details supplied [kacperek@hotmail.com]

0.2-m Schmidt-Cassegrain + CCD

USNO-A2.0

[14, 5, 0*, 2009/09/09–2009/09/26]

J24 Observatorio Altamira

J. F. Hernandez, C/. Apartadero 4, Fasnia, S. C. de Tenerife, Spain
[altamira.obs@yahoo.es]

0.4-m $f/10$ Schmidt-Cassegrain + CCD
CMC, USNO-A2.0

[57, 19, 0*, 2009/09/11–2009/09/27]

J26 The Spaceguard Centre, Knighton

J. R. Tate, Llanshay Lane, Knighton, Powys LD7 1LW, Wales
[mail@spaceguarduk.com]

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

[68, 18, 0*, 2009/09/09–2009/09/26]

J27 El Guijo Observatory

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

0.25-m $f/8$ Schmidt-Cassegrain + CCD
USNO-B1.0

[3, 1, 0*, 2009/09/04–2009/09/05]

J28 Jaen

J. J. Martín, C/Miguel Castillejo, 14-7, E-23008 Jaén, Spain
[jjmrsoft@telefonica.net]

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

[29, 11, 0*, 2009/09/08–2009/09/24]

J42 Puzol

A. Aznar M., C./ La Plana 44 13, E-46530 Puzol, Valencia, Spain
[amadeoaznar@yahoo.es]

0.35-m $f/10$ Schmidt-Cassegrain + CCD
USNO-A2.0

[3, 1, 0*, 2009/09/09–2009/09/10]

J46 Observatorio Montana Blanca, Tias

C. Piret, C/ Barranco Truchas 3, E-35572 Tias (Las Palmas), Spain
[ceslo@telefonica.net]

0.20-m $f/3.3$ Schmidt-Cassegrain + CCD
CMC

[6, 1, 0*, 2009/09/12–2009/09/13]

J47 Observatorio Nazaret

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

Observer G. Muler

Measurers G. Muler, J. M. Ruiz

0.30-m Schmidt-Cassegrain + CCD
CMC

[128, 27, 2*, 2009/09/10–2009/09/29]

J51 Observatorio Atlante, Tenerife

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

0.2-m $f/9$ Cassegrain + CCD
CMC, UCAC-2, USNO-B1.0

[81, 20, 0*, 2009/09/03–2009/09/29]

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
CMC

[8, 1, 0*, 2009/09/25–2009/09/26]

J75 OAM Observatory, La Sagra

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

Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez,
M. Hurtado

0.45-m $f/2.8$ reflector + CCD, 0.40-m $f/10$ reflector + CCD
UCAC-2

[41650, 9720, 231*, 2007/07/17–2009/09/26]

J77 Golden Hill Observatory, Stourton Caundle

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England
[rmiles@baa.u-net.com]

0.28-m $f/9.4$ Schmidt-Cassegrain + CCD
CMC

[5, 2, 0*, 2009/09/26–2009/09/27]

J81 Guirguillano

P. Martorell, c/Lago 13 2-C, E-31016 Pamplona, Spain [pmartorell@masbytes.es]

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

[4, 2, 0*, 2009/09/13]

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

[21, 5, 0*, 2009/08/21–2009/09/21]

J93 Mount Tuffley Observatory, Gloucester

J. Fletcher, 54 Windsor Drive, Tuffley, Gloucester GL4 0QT, England
[jfnto@blueyonder.co.uk]

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

[21, 6, 0*, 2009/09/12–2009/09/26]

J94 Abbeydale

A. E. Cahill, Mount Abbeydale, 51 Fieldfare, Abbeydale, Gloucester GL4 4WH,
England [alancahill@blueyonder.co.uk]

0.3-m $f/4.0$ Schmidt-Cassegrain + CCD
USNO-B1.0

[27, 9, 0*, 2009/09/09–2009/09/26]

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
UCAC-2, USNO-B1.0

[488, 132, 3*, 2009/09/01–2009/09/29]

ORBITAL ELEMENTS

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

F. N. Bowman, 7240 Cave Road, Route 2, Bainbridge, OH 45612, U.S.A.
[planet2996@yahoo.com]

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

J. Hobart, 975 Mesa Trail, Flagstaff, AZ 86001-9632, U.S.A.
[nova@uneedspeed.net]

S. Keys, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [skeys@cfa.harvard.edu]

B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu]

T. B. Spahr, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [tspahr@cfa.harvard.edu]

G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [gwilliams@cfa.harvard.edu]

MPCADO (entirely automated processing on MPC computer ADONIS)

MPCALB (entirely automated processing on MPC computer ALBERT)

MPCALI (entirely automated processing on MPC computer ALINDA)

MPCAPO (entirely automated processing on MPC computer APOLLO)

MPCMEL (entirely automated processing on MPC computer MELETE)

C/2009 F6 (Yi-SWAN)

Epoch 2009 May 9.0 TT = JDT 2454960.5

<i>T</i> 2009 May 7.4341 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	ω 129.7728	−0.0404252	−0.1626843
	Ω 278.6790	+0.2832001	+0.9443303
<i>e</i>	<i>i</i> 85.7647	+0.9582085	−0.2859618

From 417 observations 2009 Apr. 6–Sept. 27, mean residual 0^{''}.7.

P/2009 K1 (Gibbs)

Epoch 2009 June 18.0 TT = JDT 2455000.5

<i>T</i> 2009 June 25.9164 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	ω 27.0642	−0.9402601	+0.3402251
<i>a</i>	Ω 172.7922	−0.3276757	−0.8943293
<i>e</i>	<i>i</i> 5.7466	−0.0924097	−0.2905548

From 120 observations 2009 Apr. 24–Sept. 18, mean residual 0^{''}.7.

C/2009 O2 (Catalina)

Epoch 2010 Mar. 25.0 TT = JDT 2455280.5

<i>T</i> 2010 Mar. 24.2211 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	ω 133.4944	−0.6143228	−0.3072765
	Ω 310.2211	+0.0757124	+0.8938538
<i>e</i>	<i>i</i> 107.8588	+0.7854140	−0.3265065

From 183 observations 2009 July 27–Sept. 21, mean residual 0^{''}.7.

P/2009 O3 (Hill)

Epoch 2009 May 9.0 TT = JDT 2454960.5

<i>T</i> 2009 May 18.6317 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	ω 154.5572	+0.9281560	+0.3717394
<i>a</i>	Ω 183.7654	−0.3709735	+0.9200126
<i>e</i>	<i>i</i> 16.2145	−0.0300851	+0.1240427

From 234 observations 2009 July 29–Sept. 30, mean residual 0^{''}.7.

C/2009 O4 (Hill)

Epoch 2010 Jan. 4.0 TT = JDT 2455200.5

<i>T</i> 2010 Jan. 1.2817 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	ω 223.7321	+0.7084693	−0.6950652
	Ω 172.9388	+0.1281328	+0.2970852
<i>e</i>	<i>i</i> 95.8292	−0.6940124	−0.6546944

From 627 observations 2009 July 30–Sept. 27, mean residual 0^{''}.5.

C/2009 P1 (Garradd)

Epoch 2011 Dec. 25.0 TT = JDT 2455920.5

<i>T</i> 2011 Dec. 24.6489 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	ω 90.6544	−0.1664983	−0.8263670
	Ω 325.9158	−0.5888724	+0.5209268
<i>e</i>	<i>i</i> 106.2744	+0.7908904	+0.2138991

From 74 observations 2009 Aug. 13–Sept. 25, mean residual 0^{''}.6.

C/2009 P2 (Boattini)

Epoch 2010 Feb. 13.0 TT = JDT 2455240.5

<i>T</i> 2010 Feb. 10.8732 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	ω 76.0889	+0.9277656	−0.2792020
	Ω 60.3920	−0.3399565	−0.9059867
<i>e</i>	<i>i</i> 163.4552	+0.1538848	−0.3181734

From 256 observations 2008 Oct. 1–2009 Sept. 28, mean residual 0^{''}.6.

P/2009 Q1 (Hill)

Epoch 2009 June 18.0 TT = JDT 2455000.5

<i>T</i> 2009 July 4.0743 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	ω 157.9035	+0.8841212	+0.4665526
<i>a</i>	Ω 174.0906	−0.4572743	+0.8752165
<i>e</i>	<i>i</i> 14.4314	−0.0960724	+0.1277687

From 108 observations 2009 Aug. 16–Sept. 28, mean residual 0^{''}.8.

P/2009 Q4 (Boattini)

T 2009 Nov. 20.1306 TT

<i>q</i> 1.319160		MPC	
<i>n</i>	(2000.0)	P	Q
<i>a</i>	ω 320.2385	+0.0289562	−0.9881556
<i>e</i>	Ω 127.5720	+0.9586582	−0.0152426
<i>P</i>	<i>i</i> 10.9607	+0.2830828	+0.1526962

From 99 observations 2009 Aug. 26–Sept. 29.

P/2009 Q5 (McNaught)

<i>T</i>	2009 Sept. 8.5654 TT		MPC	
<i>q</i>	2.918578	(2000.0)	P	Q
<i>n</i>	0.0482947	ω 209.2714	+0.9459727	−0.2359077
<i>a</i>	7.467977	Ω 160.1409	+0.1743604	+0.9485130
<i>e</i>	0.609188	<i>i</i> 40.9062	−0.2733755	−0.2113543
<i>P</i>	20.4			

From 187 observations 2009 Aug. 31–Sept. 30.

P/2009 QG₃₁ (La Sagra)

<i>T</i>	2009 Oct. 10.3562 TT		MPC	
<i>q</i>	2.148298	(2000.0)	P	Q
<i>n</i>	0.1457732	ω 5.9002	+0.9905509	+0.1355373
<i>a</i>	3.575617	Ω 346.2569	−0.1291581	+0.8705712
<i>e</i>	0.399181	<i>i</i> 5.0571	−0.0461206	+0.4730067
<i>P</i>	6.76			

From 57 observations 2009 Aug. 16–Sept. 23.

C/2009 R1 (McNaught)

Epoch 2010 June 13.0 TT = JDT 2455360.5

<i>T</i>	2010 July 2.6535 TT		MPC	
<i>q</i>	0.405011	(2000.0)	P	Q
<i>z</i>	−0.000808	ω 130.7004	−0.4147824	−0.6914935
	±0.000035	Ω 322.6291	+0.1935863	+0.5680401
<i>e</i>	1.000327	<i>i</i> 77.0070	+0.8890894	−0.4462815

From 80 observations 2009 July 20–Sept. 26, mean residual 0″.5.

P/2009 S1 (Gibbs)

<i>T</i>	2009 July 31.910 TT		MPC	
<i>q</i>	2.42708	(2000.0)	P	Q
<i>n</i>	0.127546	ω 223.052	+0.908793	−0.382668
<i>a</i>	3.90863	Ω 157.717	+0.385713	+0.922498
<i>e</i>	0.37905	<i>i</i> 26.015	−0.159126	+0.050614
<i>P</i>	7.73			

From 59 observations 2009 Sept. 20–30.

P/2009 S2 (McNaught)

Epoch 2009 June 18.0 TT = JDT 2455000.5

<i>T</i>	2009 June 23.6376 TT		MPC	
<i>q</i>	2.203638	(2000.0)	P	Q
<i>n</i>	0.1160773	ω 230.3735	+0.9110286	+0.0738005
<i>a</i>	4.162023	Ω 121.6140	−0.0266696	+0.9923390
<i>e</i>	0.470537	<i>i</i> 28.4493	−0.4114798	+0.0990793
<i>P</i>	8.49			

From 45 observations 2008 May 30–2009 Sept. 29, mean residual 0″.5.

C/2009 S3 (Lemmon)

<i>T</i>	2011 Dec. 25.349 TT		MPC	
<i>q</i>	6.68049	(2000.0)	P	Q
	ω 129.389		+0.727478	+0.346210
	Ω 223.179		−0.126569	+0.916260
<i>e</i>	1.0	<i>i</i> 59.962	+0.674356	−0.201511

From 30 observations 2009 Sept. 24–27.

81P/Wild

Epoch 2010 Feb. 13.0 TT = JDT 2455240.5

<i>T</i>	2010 Feb. 22.7017 TT		MPC	
<i>q</i>	1.598057	(2000.0)	P	Q
<i>n</i>	0.1535118	ω 41.7931	−0.9985848	−0.0359835
<i>a</i>	3.454418	Ω 136.0975	+0.0195034	−0.9328219
<i>e</i>	0.537387	<i>i</i> 3.2374	+0.0494772	−0.3585366
<i>P</i>	6.42			

From 1863 observations 1995–2009, mean residual 0″.7. Nongravitational parameters $A_1 = +0.15$, $A_2 = -0.0121$.

215P/NEAT

Epoch 2010 June 13.0 TT = JDT 2455360.5

<i>T</i>	2010 June 8.0402 TT		MPC	
<i>q</i>	3.213379	(2000.0)	P	Q
<i>n</i>	0.1221768	ω 222.4528	+0.4516237	+0.8660974
<i>a</i>	4.022323	Ω 75.4410	−0.7475850	+0.4984241
<i>e</i>	0.201113	<i>i</i> 12.7900	−0.4869834	+0.0380624
<i>P</i>	8.07			

From 126 observations 1994–2009, mean residual 0″.6.

226P/Pigott-LINEAR-Kowalski

Epoch 2009 May 9.0 TT = JDT 2454960.5

<i>T</i>	2009 May 11.2261 TT		MPC	
<i>q</i>	1.769111	(2000.0)	P	Q
<i>n</i>	0.1350093	ω 340.9481	+0.7446999	−0.3588146
<i>a</i>	3.763226	Ω 54.0711	+0.6661056	+0.3471193
<i>e</i>	0.529895	<i>i</i> 44.0238	+0.0415378	+0.8664642
<i>P</i>	7.30			

From 179 observations 2003–2009, mean residual 0″.7.

227P/Catalina-LINEAR

Epoch 2010 Sept. 1.0 TT = JDT 2455440.5

<i>T</i>	2010 Sept. 3.6991 TT		MPC	
<i>q</i>	1.794802	(2000.0)	P	Q
<i>n</i>	0.1449143	ω 90.1345	−0.7612990	−0.6425515
<i>a</i>	3.589732	Ω 49.8840	+0.5404900	−0.7029076
<i>e</i>	0.500018	<i>i</i> 6.5247	+0.3581821	−0.3050385
<i>P</i>	6.80			

From 86 observations 1997–2009, mean residual 0″.7.

S/2003 J 17

Epoch 2009 June 18.0 TT = JDT 2455000.5

<i>M</i>	41.90787	(2000.0)	P	Q
<i>n</i>	0.50404272	ω 355.67814	+0.89215222	−0.42931074
<i>a</i>	0.1539787	Ω 329.01063	−0.40584536	−0.89837719
<i>e</i>	0.1995315	<i>i</i> 164.15753	−0.19837834	−0.09279397
<i>P</i>	714.23 d	<i>H</i> 16.5	<i>G</i> 0.15	

From 31 observations 2003 Feb. 8–2009 Sept. 15, mean residual 0″.26.

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*.

(219019)	1981 EP ₈	1981 03 01	413	Bus, S. J.
(219020)	1981 EH ₃₂	1981 03 06	413	Bus, S. J.
(219021)	1991 LH	1991 06 14	691	Spacewatch
(219022)	1993 FP ₇₅	1993 03 21	809	UESAC
(219023)	1993 RP ₁₄	1993 09 15	809	Elst, E. W.
(219024)	1993 TK ₂₀	1993 10 09	809	Elst, E. W.
(219025)	1993 TV ₃₀	1993 10 09	809	Elst, E. W.
(219026)	1994 GA ₂	1994 04 03	691	Spacewatch
(219027)	1994 GD ₁₁	1994 04 06	691	Spacewatch
(219028)	1994 KE	1994 05 17	691	Spacewatch
(219029)	1994 RT ₄	1994 09 05	691	Spacewatch
(219030)	1994 TR ₁₄	1994 10 13	691	Spacewatch
(219031)	1994 WZ ₆	1994 11 28	691	Spacewatch
(219032)	1995 EM ₃	1995 03 02	691	Spacewatch
(219033)	1995 FQ ₁	1995 03 23	691	Spacewatch
(219034)	1995 FZ ₁	1995 03 23	691	Spacewatch
(219035)	1995 FA ₁₄	1995 03 27	691	Spacewatch
(219036)	1995 GM ₆	1995 04 06	691	Spacewatch
(219037)	1995 OU ₈	1995 07 27	691	Spacewatch
(219038)	1995 SK	1995 09 17	557	Šarounová, L.
(219039)	1995 ST ₁₉	1995 09 18	691	Spacewatch
(219040)	1995 ST ₃₄	1995 09 22	691	Spacewatch
(219041)	1995 SZ ₄₀	1995 09 25	691	Spacewatch
(219042)	1995 SZ ₅₀	1995 09 26	691	Spacewatch
(219043)	1995 SW ₆₂	1995 09 25	691	Spacewatch
(219044)	1995 SW ₇₉	1995 09 21	691	Spacewatch
(219045)	1995 UG ₁₁	1995 10 17	691	Spacewatch
(219046)	1995 UL ₅₇	1995 10 16	691	Spacewatch
(219047)	1995 UO ₅₇	1995 10 16	691	Spacewatch
(219048)	1995 VO ₄	1995 11 14	691	Spacewatch
(219049)	1995 VX ₁₀	1995 11 15	691	Spacewatch
(219050)	1995 WB ₂₀	1995 11 17	691	Spacewatch
(219051)	1995 WG ₂₆	1995 11 18	691	Spacewatch
(219052)	1995 XW ₄	1995 12 14	691	Spacewatch
(219053)	1996 BE ₈	1996 01 19	691	Spacewatch
(219054)	1996 BR ₁₀	1996 01 24	691	Spacewatch
(219055)	1996 BJ ₁₂	1996 01 24	691	Spacewatch
(219056)	1996 EM ₁₅	1996 03 12	691	Spacewatch
(219057)	1996 RA ₃₀	1996 09 12	809	Uppsala-DLR Trojan Survey
(219058)	1996 TJ ₂₀	1996 10 05	691	Spacewatch
(219059)	1996 TD ₃₄	1996 10 10	691	Spacewatch
(219060)	1996 TL ₃₅	1996 10 11	691	Spacewatch
(219061)	1996 TL ₅₃	1996 10 05	809	Elst, E. W.
(219062)	1996 VC ₁₃	1996 11 05	691	Spacewatch
(219063)	1996 XU ₂₉	1996 12 14	691	Spacewatch
(219064)	1997 CP ₂₅	1997 02 13	691	Spacewatch
(219065)	1997 EC ₂₀	1997 03 03	691	Spacewatch
(219066)	1997 EQ ₄₄	1997 03 11	704	LINEAR

(219067)	1997 JB ₁₈	1997 05 03	809	Elst, E. W.
(219068)	1997 TG ₉	1997 10 02	691	Spacewatch
(219069)	1997 TW ₁₃	1997 10 03	691	Spacewatch
(219070)	1997 TL ₂₀	1997 10 03	691	Spacewatch
(219071)	1997 US ₉	1997 10 30	704	LINEAR
(219072)	1997 YW ₉	1997 12 29	566	NEAT
(219073)	1997 YR ₁₅	1997 12 29	691	Spacewatch
(219074)	1998 BQ ₃₁	1998 01 26	691	Spacewatch
(219075)	1998 BR ₃₄	1998 01 23	691	Spacewatch
(219076)	1998 DG ₂₃	1998 02 24	691	Spacewatch
(219077)	1998 FC ₈₈	1998 03 24	704	LINEAR
(219078)	1998 GX	1998 04 03	954	Teide
(219079)	1998 HE ₁₄	1998 04 17	691	Spacewatch
(219080)	1998 KF ₅	1998 05 18	691	Spacewatch
(219081)	1998 OT ₉	1998 07 26	809	Elst, E. W.
(219082)	1998 QO ₄₇	1998 08 17	704	LINEAR
(219083)	1998 QU ₅₇	1998 08 30	691	Spacewatch
(219084)	1998 QK ₅₉	1998 08 26	691	Spacewatch
(219085)	1998 QT ₇₇	1998 08 24	704	LINEAR
(219086)	1998 QZ ₈₃	1998 08 24	704	LINEAR
(219087)	1998 QT ₈₆	1998 08 24	704	LINEAR
(219088)	1998 QV ₁₀₃	1998 08 26	809	Elst, E. W.
(219089)	1998 QF ₁₁₀	1998 08 23	704	LINEAR
(219090)	1998 RA	1998 09 01	118	Galád, A., Tóth
(219091)	1998 RF ₃	1998 09 15	587	Sicoli, P., Testa, A.
(219092)	1998 RN ₂₁	1998 09 15	691	Spacewatch
(219093)	1998 RK ₇₄	1998 09 14	704	LINEAR
(219094)	1998 RN ₇₉	1998 09 14	704	LINEAR
(219095)	1998 SB	1998 09 16	910	ODAS
(219096)	1998 SE ₂	1998 09 18	703	CSS
(219097)	1998 SZ ₃	1998 09 18	910	ODAS
(219098)	1998 SK ₅	1998 09 16	691	Spacewatch
(219099)	1998 SP ₈	1998 09 20	691	Spacewatch
(219100)	1998 SZ ₈	1998 09 20	691	Spacewatch
(219101)	1998 SH ₂₄	1998 09 17	699	LONEOS
(219102)	1998 SQ ₂₆	1998 09 24	046	Klet
(219103)	1998 SF ₄₁	1998 09 25	691	Spacewatch
(219104)	1998 SN ₄₁	1998 09 25	691	Spacewatch
(219105)	1998 SE ₄₂	1998 09 27	691	Spacewatch
(219106)	1998 SN ₄₆	1998 09 25	691	Spacewatch
(219107)	1998 SH ₄₇	1998 09 26	691	Spacewatch
(219108)	1998 SY ₄₇	1998 09 26	691	Spacewatch
(219109)	1998 SQ ₆₇	1998 09 20	809	Elst, E. W.
(219110)	1998 SV ₇₀	1998 09 21	809	Elst, E. W.
(219111)	1998 SP ₇₃	1998 09 21	809	Elst, E. W.
(219112)	1998 SW ₇₇	1998 09 26	704	LINEAR
(219113)	1998 SF ₈₅	1998 09 26	704	LINEAR
(219114)	1998 SM ₈₆	1998 09 26	704	LINEAR
(219115)	1998 SU ₁₀₂	1998 09 26	704	LINEAR
(219116)	1998 SA ₁₀₅	1998 09 26	704	LINEAR
(219117)	1998 SB ₁₁₁	1998 09 26	704	LINEAR
(219118)	1998 SB ₁₁₂	1998 09 26	704	LINEAR

(219119)	1998 SO ₁₂₀	1998 09 26	704	LINEAR
(219120)	1998 SR ₁₂₀	1998 09 26	704	LINEAR
(219121)	1998 SB ₁₅₅	1998 09 26	704	LINEAR
(219122)	1998 TR ₇	1998 10 13	691	Spacewatch
(219123)	1998 TX ₁₅	1998 10 15	910	ODAS
(219124)	1998 TS ₂₇	1998 10 15	691	Spacewatch
(219125)	1998 US ₁₁	1998 10 17	691	Spacewatch
(219126)	1998 UF ₁₆	1998 10 23	910	ODAS
(219127)	1998 UQ ₁₉	1998 10 28	704	LINEAR
(219128)	1998 UW ₂₂	1998 10 25	098	Cima Ekar
(219129)	1998 UK ₃₁	1998 10 20	327	Beijing Schmidt CCD Asteroid Program
(219130)	1998 UH ₃₉	1998 10 28	704	LINEAR
(219131)	1998 UY ₄₁	1998 10 28	704	LINEAR
(219132)	1998 VP ₆	1998 11 11	905	Shimizu, Y., Urata, T.
(219133)	1998 VU ₂₅	1998 11 10	704	LINEAR
(219134)	1998 VG ₄₁	1998 11 14	691	Spacewatch
(219135)	1998 VL ₄₂	1998 11 15	691	Spacewatch
(219136)	1998 VC ₄₇	1998 11 14	691	Spacewatch
(219137)	1998 WO ₈	1998 11 21	621	Bickel, W.
(219138)	1998 WW ₁₄	1998 11 21	704	LINEAR
(219139)	1998 WM ₂₄	1998 11 18	695	Buie, M. W.
(219140)	1998 WO ₃₉	1998 11 22	691	Spacewatch
(219141)	1998 XZ ₆	1998 12 08	691	Spacewatch
(219142)	1998 XP ₁₄	1998 12 15	910	ODAS
(219143)	1998 XC ₁₆	1998 12 14	704	LINEAR
(219144)	1998 XY ₁₉	1998 12 10	691	Spacewatch
(219145)	1999 BY ₂₀	1999 01 16	704	LINEAR
(219146)	1999 FL ₃₃	1999 03 19	704	LINEAR
(219147)	1999 HD ₄	1999 04 16	691	Spacewatch
(219148)	1999 JV ₂₃	1999 05 10	704	LINEAR
(219149)	1999 PZ ₂	1999 08 08	691	Spacewatch
(219150)	1999 RX ₇	1999 09 03	691	Spacewatch
(219151)	1999 RQ ₁₃	1999 09 07	704	LINEAR
(219152)	1999 RA ₄₁	1999 09 09	704	LINEAR
(219153)	1999 RK ₁₀₇	1999 09 08	704	LINEAR
(219154)	1999 RZ ₁₁₉	1999 09 09	704	LINEAR
(219155)	1999 RK ₁₄₄	1999 09 09	704	LINEAR
(219156)	1999 RO ₁₄₅	1999 09 09	704	LINEAR
(219157)	1999 RY ₁₈₈	1999 09 09	704	LINEAR
(219158)	1999 RK ₂₀₉	1999 09 08	704	LINEAR
(219159)	1999 RL ₂₂₀	1999 09 04	703	CSS
(219160)	1999 RA ₂₂₅	1999 09 07	704	LINEAR
(219161)	1999 RR ₂₂₆	1999 09 05	703	CSS
(219162)	1999 RZ ₂₃₂	1999 09 08	703	CSS
(219163)	1999 SF ₁₃	1999 09 30	704	LINEAR
(219164)	1999 TA ₁₄	1999 10 11	143	Sposetti, S.
(219165)	1999 TV ₃₈	1999 10 01	703	CSS
(219166)	1999 TU ₄₂	1999 10 03	691	Spacewatch
(219167)	1999 TH ₅₄	1999 10 06	691	Spacewatch
(219168)	1999 TM ₅₈	1999 10 06	691	Spacewatch
(219169)	1999 TJ ₅₉	1999 10 07	691	Spacewatch
(219170)	1999 TA ₆₉	1999 10 09	691	Spacewatch

(219171)	1999 TL ₇₆	1999 10 10	691	Spacewatch
(219172)	1999 TU ₇₈	1999 10 11	691	Spacewatch
(219173)	1999 TN ₁₂₀	1999 10 04	704	LINEAR
(219174)	1999 TJ ₁₂₉	1999 10 06	704	LINEAR
(219175)	1999 TP ₁₄₈	1999 10 07	704	LINEAR
(219176)	1999 TL ₁₆₅	1999 10 10	704	LINEAR
(219177)	1999 TO ₁₇₁	1999 10 10	704	LINEAR
(219178)	1999 TX ₁₇₅	1999 10 10	704	LINEAR
(219179)	1999 TL ₁₈₂	1999 10 11	704	LINEAR
(219180)	1999 TH ₁₈₇	1999 10 12	704	LINEAR
(219181)	1999 TM ₁₉₆	1999 10 12	704	LINEAR
(219182)	1999 TJ ₂₀₂	1999 10 13	704	LINEAR
(219183)	1999 TL ₂₀₇	1999 10 14	704	LINEAR
(219184)	1999 TX ₂₁₀	1999 10 14	704	LINEAR
(219185)	1999 TC ₂₁₂	1999 10 15	704	LINEAR
(219186)	1999 TH ₂₁₂	1999 10 15	704	LINEAR
(219187)	1999 TN ₂₁₈	1999 10 15	704	LINEAR
(219188)	1999 TM ₂₃₄	1999 10 12	704	LINEAR
(219189)	1999 TZ ₂₈₇	1999 10 10	704	LINEAR
(219190)	1999 TY ₃₀₀	1999 10 03	691	Spacewatch
(219191)	1999 TL ₃₁₆	1999 10 10	691	Spacewatch
(219192)	1999 UE ₇	1999 10 30	704	LINEAR
(219193)	1999 UO ₁₀	1999 10 31	704	LINEAR
(219194)	1999 UG ₂₇	1999 10 30	691	Spacewatch
(219195)	1999 UT ₂₉	1999 10 31	691	Spacewatch
(219196)	1999 UU ₃₄	1999 10 31	691	Spacewatch
(219197)	1999 UM ₄₀	1999 10 16	704	LINEAR
(219198)	1999 UA ₄₄	1999 10 29	703	CSS
(219199)	1999 UE ₄₆	1999 10 31	703	CSS
(219200)	1999 VH ₃	1999 11 01	691	Spacewatch
(219201)	1999 VE ₆	1999 11 05	411	Kobayashi, T.
(219202)	1999 VZ ₁₀	1999 11 07	143	Sposetti, S.
(219203)	1999 VA ₁₇	1999 11 02	691	Spacewatch
(219204)	1999 VU ₃₀	1999 11 03	704	LINEAR
(219205)	1999 VO ₄₀	1999 11 15	557	Pravec, P., Kušnirák, P.
(219206)	1999 VM ₄₂	1999 11 04	691	Spacewatch
(219207)	1999 VO ₄₉	1999 11 03	704	LINEAR
(219208)	1999 VE ₅₁	1999 11 03	704	LINEAR
(219209)	1999 VT ₅₉	1999 11 04	704	LINEAR
(219210)	1999 VA ₆₃	1999 11 04	704	LINEAR
(219211)	1999 VS ₇₄	1999 11 05	691	Spacewatch
(219212)	1999 VD ₇₆	1999 11 05	691	Spacewatch
(219213)	1999 VY ₈₈	1999 11 04	704	LINEAR
(219214)	1999 VK ₉₁	1999 11 05	704	LINEAR
(219215)	1999 VJ ₁₀₁	1999 11 09	704	LINEAR
(219216)	1999 VZ ₁₀₃	1999 11 09	704	LINEAR
(219217)	1999 VE ₁₀₈	1999 11 09	704	LINEAR
(219218)	1999 VP ₁₀₈	1999 11 09	704	LINEAR
(219219)	1999 VB ₁₁₉	1999 11 03	691	Spacewatch
(219220)	1999 VE ₁₂₃	1999 11 05	691	Spacewatch
(219221)	1999 VF ₁₂₃	1999 11 05	691	Spacewatch
(219222)	1999 VY ₁₃₃	1999 11 10	691	Spacewatch

(219223)	1999 VS ₁₃₇	1999 11 12	704	LINEAR	(219275)	2000 BL ₁₁	2000 01 26	691	Spacewatch
(219224)	1999 VW ₁₃₇	1999 11 12	704	LINEAR	(219276)	2000 BL ₁₇	2000 01 30	704	LINEAR
(219225)	1999 VT ₁₄₁	1999 11 10	691	Spacewatch	(219277)	2000 BO ₃₉	2000 01 27	691	Spacewatch
(219226)	1999 VN ₁₄₃	1999 11 14	704	LINEAR	(219278)	2000 CD ₄₃	2000 02 02	704	LINEAR
(219227)	1999 VH ₁₄₉	1999 11 14	704	LINEAR	(219279)	2000 CX ₅₈	2000 02 06	704	LINEAR
(219228)	1999 VA ₁₅₇	1999 11 12	704	LINEAR	(219280)	2000 CY ₆₇	2000 02 01	691	Spacewatch
(219229)	1999 VC ₁₆₂	1999 11 14	704	LINEAR	(219281)	2000 CO ₆₉	2000 02 01	691	Spacewatch
(219230)	1999 VK ₁₆₂	1999 11 14	704	LINEAR	(219282)	2000 CN ₇₉	2000 02 08	691	Spacewatch
(219231)	1999 VN ₁₆₅	1999 11 14	704	LINEAR	(219283)	2000 CD ₉₂	2000 02 06	704	LINEAR
(219232)	1999 VT ₁₆₆	1999 11 14	704	LINEAR	(219284)	2000 CK ₉₆	2000 02 11	691	Spacewatch
(219233)	1999 VN ₁₈₇	1999 11 15	704	LINEAR	(219285)	2000 CL ₁₀₁	2000 02 12	691	Spacewatch
(219234)	1999 VX ₁₉₁	1999 11 14	704	LINEAR	(219286)	2000 CG ₁₁₀	2000 02 05	695	Buie, M. W.
(219235)	1999 VN ₁₉₈	1999 11 03	703	CSS	(219287)	2000 CG ₁₁₆	2000 02 03	704	LINEAR
(219236)	1999 VB ₂₀₇	1999 11 11	703	CSS	(219288)	2000 CX ₁₁₇	2000 02 03	704	LINEAR
(219237)	1999 VR ₂₁₂	1999 11 12	704	LINEAR	(219289)	2000 CG ₁₂₇	2000 02 03	704	LINEAR
(219238)	1999 WS ₁₇	1999 11 30	691	Spacewatch	(219290)	2000 CA ₁₃₇	2000 02 04	691	Spacewatch
(219239)	1999 WB ₂₄	1999 11 17	691	Spacewatch	(219291)	2000 CL ₁₃₉	2000 02 03	691	Spacewatch
(219240)	1999 XN	1999 12 02	691	Spacewatch	(219292)	2000 DT	2000 02 24	411	Kobayashi, T.
(219241)	1999 XW ₂₉	1999 12 06	704	LINEAR	(219293)	2000 DR ₂₈	2000 02 29	704	LINEAR
(219242)	1999 XJ ₄₄	1999 12 07	704	LINEAR	(219294)	2000 DO ₃₀	2000 02 29	704	LINEAR
(219243)	1999 XG ₅₃	1999 12 07	704	LINEAR	(219295)	2000 DP ₃₀	2000 02 29	704	LINEAR
(219244)	1999 XV ₆₂	1999 12 07	704	LINEAR	(219296)	2000 DJ ₃₅	2000 02 29	704	LINEAR
(219245)	1999 XC ₇₀	1999 12 07	704	LINEAR	(219297)	2000 DK ₃₆	2000 02 29	704	LINEAR
(219246)	1999 XL ₇₀	1999 12 07	704	LINEAR	(219298)	2000 DT ₄₇	2000 02 29	704	LINEAR
(219247)	1999 XS ₁₁₆	1999 12 05	703	CSS	(219299)	2000 DZ ₅₁	2000 02 29	704	LINEAR
(219248)	1999 XT ₁₃₀	1999 12 12	704	LINEAR	(219300)	2000 DB ₆₁	2000 02 29	704	LINEAR
(219249)	1999 XC ₁₃₉	1999 12 06	691	Spacewatch	(219301)	2000 DP ₇₀	2000 02 29	704	LINEAR
(219250)	1999 XQ ₁₆₁	1999 12 13	704	LINEAR	(219302)	2000 DW ₇₉	2000 02 28	704	LINEAR
(219251)	1999 XS ₁₆₁	1999 12 13	704	LINEAR	(219303)	2000 DG ₈₇	2000 02 29	704	LINEAR
(219252)	1999 XX ₁₈₃	1999 12 12	704	LINEAR	(219304)	2000 DR ₉₅	2000 02 28	704	LINEAR
(219253)	1999 XU ₂₃₈	1999 12 05	703	CSS	(219305)	2000 DM ₁₀₅	2000 02 29	704	LINEAR
(219254)	1999 XE ₂₅₉	1999 12 07	691	Spacewatch	(219306)	2000 DM ₁₀₇	2000 02 29	704	LINEAR
(219255)	1999 YC ₁₂	1999 12 27	691	Spacewatch	(219307)	2000 DN ₁₁₂	2000 02 29	704	LINEAR
(219256)	2000 AM ₄	2000 01 03	691	Spacewatch	(219308)	2000 EH ₂	2000 03 03	704	LINEAR
(219257)	2000 AN ₂₂	2000 01 03	704	LINEAR	(219309)	2000 ED ₃	2000 03 03	704	LINEAR
(219258)	2000 AT ₄₂	2000 01 04	704	LINEAR	(219310)	2000 EJ ₂₇	2000 03 03	704	LINEAR
(219259)	2000 AS ₄₃	2000 01 02	691	Spacewatch	(219311)	2000 EC ₅₃	2000 03 03	691	Spacewatch
(219260)	2000 AR ₈₈	2000 01 05	704	LINEAR	(219312)	2000 EF ₆₄	2000 03 10	704	LINEAR
(219261)	2000 AW ₉₄	2000 01 04	704	LINEAR	(219313)	2000 EJ ₇₁	2000 03 09	691	Spacewatch
(219262)	2000 AU ₁₂₂	2000 01 05	704	LINEAR	(219314)	2000 EO ₁₁₅	2000 03 10	691	Spacewatch
(219263)	2000 AH ₁₃₆	2000 01 04	704	LINEAR	(219315)	2000 ET ₁₁₈	2000 03 11	699	LONEOS
(219264)	2000 AU ₁₅₅	2000 01 03	704	LINEAR	(219316)	2000 EH ₁₉₄	2000 03 03	704	LINEAR
(219265)	2000 AK ₁₅₈	2000 01 03	704	LINEAR	(219317)	2000 FZ ₇	2000 03 30	684	Comba, P. G.
(219266)	2000 AC ₁₆₄	2000 01 05	704	LINEAR	(219318)	2000 FB ₉	2000 03 29	691	Spacewatch
(219267)	2000 AR ₁₇₅	2000 01 07	704	LINEAR	(219319)	2000 FH ₁₀	2000 03 25	691	Spacewatch
(219268)	2000 AY ₁₉₅	2000 01 08	704	LINEAR	(219320)	2000 FT ₂₆	2000 03 27	699	LONEOS
(219269)	2000 AH ₂₀₁	2000 01 09	704	LINEAR	(219321)	2000 FA ₂₈	2000 03 27	699	LONEOS
(219270)	2000 AL ₂₀₇	2000 01 03	691	Spacewatch	(219322)	2000 FF ₇₄	2000 03 30	691	Spacewatch
(219271)	2000 AO ₂₁₀	2000 01 05	691	Spacewatch	(219323)	2000 GC	2000 04 01	691	Spacewatch
(219272)	2000 AU ₂₃₅	2000 01 05	704	LINEAR	(219324)	2000 GT ₁₅₄	2000 04 06	699	LONEOS
(219273)	2000 AS ₂₄₄	2000 01 08	704	LINEAR	(219325)	2000 HR ₈	2000 04 27	704	LINEAR
(219274)	2000 BZ ₃	2000 01 28	652	Yeung, W. K. Y.	(219326)	2000 HP ₆₈	2000 04 28	691	Spacewatch

(219327)	2000 HY ₇₈	2000 04 28	699	LONEOS
(219328)	2000 JR ₂₂	2000 05 06	704	LINEAR
(219329)	2000 JR ₂₅	2000 05 07	704	LINEAR
(219330)	2000 KO ₁	2000 05 26	704	LINEAR
(219331)	2000 KA ₄₄	2000 05 26	691	Spacewatch
(219332)	2000 LA ₃	2000 06 04	704	LINEAR
(219333)	2000 NP ₂₉	2000 07 07	691	Spacewatch
(219334)	2000 OT ₈	2000 07 23	704	LINEAR
(219335)	2000 OB ₄₀	2000 07 30	704	LINEAR
(219336)	2000 OL ₆₀	2000 07 29	699	LONEOS
(219337)	2000 PD ₂₆	2000 08 05	608	NEAT
(219338)	2000 QZ ₁₄	2000 08 24	704	LINEAR
(219339)	2000 QP ₂₃	2000 08 25	704	LINEAR
(219340)	2000 QM ₃₄	2000 08 26	704	LINEAR
(219341)	2000 QY ₄₆	2000 08 24	704	LINEAR
(219342)	2000 QC ₆₁	2000 08 26	704	LINEAR
(219343)	2000 QR ₁₁₁	2000 08 24	704	LINEAR
(219344)	2000 QD ₁₃₉	2000 08 31	704	LINEAR
(219345)	2000 QZ ₁₅₃	2000 08 31	704	LINEAR
(219346)	2000 QW ₁₅₅	2000 08 31	704	LINEAR
(219347)	2000 QW ₁₆₃	2000 08 31	704	LINEAR
(219348)	2000 QU ₁₈₉	2000 08 26	704	LINEAR
(219349)	2000 QY ₁₉₄	2000 08 26	704	LINEAR
(219350)	2000 QL ₂₂₈	2000 08 31	704	LINEAR
(219351)	2000 QB ₂₂₉	2000 08 31	704	LINEAR
(219352)	2000 RK ₁₉	2000 09 01	704	LINEAR
(219353)	2000 RM ₂₉	2000 09 01	704	LINEAR
(219354)	2000 RJ ₃₅	2000 09 01	704	LINEAR
(219355)	2000 RW ₄₂	2000 09 03	704	LINEAR
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(219357)	2000 RW ₄₉	2000 09 05	704	LINEAR
(219358)	2000 RA ₇₉	2000 09 09	699	LONEOS
(219359)	2000 RG ₈₀	2000 09 01	704	LINEAR
(219360)	2000 RB ₈₃	2000 09 01	704	LINEAR
(219361)	2000 RW ₈₉	2000 09 03	704	LINEAR
(219362)	2000 RM ₉₆	2000 09 04	691	Spacewatch
(219363)	2000 RD ₉₉	2000 09 05	699	LONEOS
(219364)	2000 SG ₂	2000 09 20	704	LINEAR
(219365)	2000 SC ₁₀	2000 09 24	113	Kandler, J.
(219366)	2000 SU ₁₂	2000 09 20	704	LINEAR
(219367)	2000 SD ₁₅	2000 09 23	704	LINEAR
(219368)	2000 SO ₂₀	2000 09 23	704	LINEAR
(219369)	2000 SU ₂₁	2000 09 24	704	LINEAR
(219370)	2000 SS ₃₈	2000 09 24	704	LINEAR
(219371)	2000 SR ₄₀	2000 09 24	704	LINEAR
(219372)	2000 SB ₄₂	2000 09 24	704	LINEAR
(219373)	2000 SR ₄₅	2000 09 22	704	LINEAR
(219374)	2000 SR ₄₈	2000 09 23	704	LINEAR
(219375)	2000 SH ₄₉	2000 09 23	704	LINEAR
(219376)	2000 SB ₅₁	2000 09 23	704	LINEAR
(219377)	2000 SS ₆₁	2000 09 24	704	LINEAR
(219378)	2000 SX ₆₃	2000 09 24	704	LINEAR

(219379)	2000 SX ₇₆	2000 09 24	704	LINEAR
(219380)	2000 SB ₇₈	2000 09 24	704	LINEAR
(219381)	2000 SQ ₇₈	2000 09 24	704	LINEAR
(219382)	2000 SU ₈₉	2000 09 29	843	Ball, L.
(219383)	2000 SB ₉₃	2000 09 23	704	LINEAR
(219384)	2000 SE ₁₀₀	2000 09 23	704	LINEAR
(219385)	2000 SW ₁₀₁	2000 09 24	704	LINEAR
(219386)	2000 SD ₁₁₃	2000 09 24	704	LINEAR
(219387)	2000 SC ₁₃₀	2000 09 22	704	LINEAR
(219388)	2000 SC ₁₃₄	2000 09 23	704	LINEAR
(219389)	2000 SL ₁₃₉	2000 09 23	704	LINEAR
(219390)	2000 SU ₁₄₁	2000 09 23	704	LINEAR
(219391)	2000 SV ₁₄₃	2000 09 24	704	LINEAR
(219392)	2000 SY ₁₅₁	2000 09 24	704	LINEAR
(219393)	2000 SZ ₁₅₅	2000 09 24	704	LINEAR
(219394)	2000 SA ₁₆₅	2000 09 23	704	LINEAR
(219395)	2000 SS ₁₆₇	2000 09 23	704	LINEAR
(219396)	2000 SP ₁₇₃	2000 09 28	704	LINEAR
(219397)	2000 SP ₁₇₅	2000 09 28	704	LINEAR
(219398)	2000 SD ₁₈₀	2000 09 28	704	LINEAR
(219399)	2000 SX ₁₈₂	2000 09 20	608	NEAT
(219400)	2000 ST ₁₉₁	2000 09 24	691	Spacewatch
(219401)	2000 SN ₁₉₇	2000 09 24	704	LINEAR
(219402)	2000 ST ₂₀₇	2000 09 24	704	LINEAR
(219403)	2000 SV ₂₀₈	2000 09 25	704	LINEAR
(219404)	2000 SC ₂₀₉	2000 09 25	704	LINEAR
(219405)	2000 SC ₂₁₄	2000 09 26	704	LINEAR
(219406)	2000 SO ₂₂₀	2000 09 26	704	LINEAR
(219407)	2000 SL ₂₃₀	2000 09 28	704	LINEAR
(219408)	2000 SF ₂₃₇	2000 09 24	704	LINEAR
(219409)	2000 SS ₂₄₃	2000 09 24	704	LINEAR
(219410)	2000 SC ₂₆₀	2000 09 24	704	LINEAR
(219411)	2000 SZ ₂₆₀	2000 09 24	704	LINEAR
(219412)	2000 SZ ₂₆₁	2000 09 24	704	LINEAR
(219413)	2000 SB ₂₇₂	2000 09 28	704	LINEAR
(219414)	2000 SK ₂₇₉	2000 09 30	704	LINEAR
(219415)	2000 SH ₂₉₆	2000 09 28	704	LINEAR
(219416)	2000 SG ₃₀₆	2000 09 30	704	LINEAR
(219417)	2000 SJ ₃₀₉	2000 09 30	704	LINEAR
(219418)	2000 SE ₃₁₄	2000 09 28	704	LINEAR
(219419)	2000 SC ₃₁₅	2000 09 28	704	LINEAR
(219420)	2000 SC ₃₁₉	2000 09 26	704	LINEAR
(219421)	2000 SE ₃₂₇	2000 09 29	608	NEAT
(219422)	2000 SY ₃₃₅	2000 09 26	608	NEAT
(219423)	2000 SO ₃₄₉	2000 09 28	699	LONEOS
(219424)	2000 SC ₃₅₁	2000 09 29	699	LONEOS
(219425)	2000 SN ₃₅₈	2000 09 24	704	LINEAR
(219426)	2000 SL ₃₆₈	2000 09 22	699	LONEOS
(219427)	2000 SD ₃₆₉	2000 09 24	699	LONEOS
(219428)	2000 TN ₂₃	2000 10 01	704	LINEAR
(219429)	2000 TH ₂₈	2000 10 03	704	LINEAR
(219430)	2000 TX ₄₄	2000 10 01	704	LINEAR

(219431) 2000 TZ ₅₈	2000 10 02	699	LONEOS
(219432) 2000 TH ₆₅	2000 10 01	704	LINEAR
(219433) 2000 UA ₁₈	2000 10 24	704	LINEAR
(219434) 2000 UG ₂₂	2000 10 24	704	LINEAR
(219435) 2000 UH ₄₁	2000 10 24	704	LINEAR
(219436) 2000 US ₅₁	2000 10 24	704	LINEAR
(219437) 2000 UC ₆₂	2000 10 25	704	LINEAR
(219438) 2000 UM ₆₄	2000 10 25	704	LINEAR
(219439) 2000 UZ ₆₇	2000 10 25	704	LINEAR
(219440) 2000 UV ₆₉	2000 10 25	704	LINEAR
(219441) 2000 UH ₈₀	2000 10 24	704	LINEAR
(219442) 2000 UB ₉₄	2000 10 25	704	LINEAR
(219443) 2000 UG ₉₇	2000 10 25	704	LINEAR
(219444) 2000 UY ₁₀₄	2000 10 27	704	LINEAR
(219445) 2000 VQ ₂₃	2000 11 01	704	LINEAR
(219446) 2000 VM ₂₄	2000 11 01	704	LINEAR
(219447) 2000 VN ₂₅	2000 11 01	704	LINEAR
(219448) 2000 WN	2000 11 16	704	LINEAR
(219449) 2000 WM ₁₇	2000 11 21	704	LINEAR
(219450) 2000 WU ₄₇	2000 11 21	704	LINEAR
(219451) 2000 WD ₅₃	2000 11 27	691	Spacewatch
(219452) 2000 WA ₇₈	2000 11 20	704	LINEAR
(219453) 2000 WV ₁₅₀	2000 11 19	704	LINEAR
(219454) 2000 WP ₁₅₃	2000 11 29	704	LINEAR
(219455) 2000 WY ₁₅₃	2000 11 30	704	LINEAR
(219456) 2000 WF ₁₆₅	2000 11 23	691	Spacewatch
(219457) 2000 WY ₁₆₅	2000 11 24	699	LONEOS
(219458) 2000 XU ₂	2000 12 01	704	LINEAR
(219459) 2000 XT ₂₀	2000 12 04	704	LINEAR
(219460) 2000 XN ₃₆	2000 12 05	704	LINEAR
(219461) 2000 XY ₄₁	2000 12 05	704	LINEAR
(219462) 2000 YP ₁	2000 12 17	704	LINEAR
(219463) 2000 YV ₂₄	2000 12 28	691	Spacewatch
(219464) 2000 YS ₃₆	2000 12 30	704	LINEAR
(219465) 2000 YR ₆₆	2000 12 30	704	LINEAR
(219466) 2001 AQ ₁₀	2001 01 02	704	LINEAR
(219467) 2001 AN ₂₆	2001 01 05	704	LINEAR
(219468) 2001 AU ₃₈	2001 01 01	691	Spacewatch
(219469) 2001 BS ₂₁	2001 01 20	704	LINEAR
(219470) 2001 BJ ₂₃	2001 01 20	704	LINEAR
(219471) 2001 BY ₅₉	2001 01 26	704	LINEAR
(219472) 2001 CC	2001 02 01	691	Spacewatch
(219473) 2001 CJ ₃	2001 02 01	704	LINEAR
(219474) 2001 CH ₂₄	2001 02 01	699	LONEOS
(219475) 2001 CS ₂₆	2001 02 01	691	Spacewatch
(219476) 2001 CN ₃₆	2001 02 15	411	Kobayashi, T.
(219477) 2001 CW ₄₄	2001 02 15	704	LINEAR
(219478) 2001 CO ₄₇	2001 02 12	699	LONEOS
(219479) 2001 DB ₇	2001 02 17	734	Eskridge
(219480) 2001 DJ ₉	2001 02 16	732	Roe, J. M.
(219481) 2001 DF ₁₅	2001 02 20	608	NEAT
(219482) 2001 DF ₂₉	2001 02 17	704	LINEAR

(219483) 2001 DQ ₃₅	2001 02 19	704	LINEAR
(219484) 2001 DX ₄₃	2001 02 19	704	LINEAR
(219485) 2001 DM ₈₂	2001 02 22	691	Spacewatch
(219486) 2001 DZ ₉₃	2001 02 19	704	LINEAR
(219487) 2001 DE ₁₀₇	2001 02 20	691	Spacewatch
(219488) 2001 EU ₂	2001 03 03	704	LINEAR
(219489) 2001 EG ₅	2001 03 02	699	LONEOS
(219490) 2001 EL ₂₆	2001 03 02	699	LONEOS
(219491) 2001 FK ₁	2001 03 18	684	Comba, P. G.
(219492) 2001 FR ₃₂	2001 03 18	704	LINEAR
(219493) 2001 FD ₅₂	2001 03 18	704	LINEAR
(219494) 2001 FJ ₅₈	2001 03 19	704	LINEAR
(219495) 2001 FU ₇₃	2001 03 19	704	LINEAR
(219496) 2001 FK ₈₇	2001 03 21	699	LONEOS
(219497) 2001 FC ₈₈	2001 03 21	699	LONEOS
(219498) 2001 FR ₁₀₅	2001 03 18	699	LONEOS
(219499) 2001 FX ₁₀₈	2001 03 18	704	LINEAR
(219500) 2001 FN ₁₂₄	2001 03 27	699	LONEOS
(219501) 2001 FL ₁₅₆	2001 03 26	608	NEAT
(219502) 2001 FJ ₁₅₈	2001 03 27	608	NEAT
(219503) 2001 FG ₁₆₄	2001 03 18	608	NEAT
(219504) 2001 FL ₁₉₆	2001 03 26	704	LINEAR
(219505) 2001 HU ₄₂	2001 04 16	704	LINEAR
(219506) 2001 HQ ₄₇	2001 04 18	608	NEAT
(219507) 2001 HT ₆₄	2001 04 27	608	NEAT
(219508) 2001 KE ₆	2001 05 17	704	LINEAR
(219509) 2001 KC ₁₆	2001 05 18	704	LINEAR
(219510) 2001 MU ₁₆	2001 06 27	644	NEAT
(219511) 2001 MU ₁₉	2001 06 25	644	NEAT
(219512) 2001 NG ₅	2001 07 13	644	NEAT
(219513) 2001 OZ ₂₉	2001 07 19	644	NEAT
(219514) 2001 OQ ₃₁	2001 07 22	644	NEAT
(219515) 2001 OY ₃₉	2001 07 20	644	NEAT
(219516) 2001 OZ ₅₀	2001 07 21	644	NEAT
(219517) 2001 OH ₈₉	2001 07 21	608	NEAT
(219518) 2001 PK ₂₀	2001 08 10	644	NEAT
(219519) 2001 QV ₄₄	2001 08 16	704	LINEAR
(219520) 2001 QG ₅₄	2001 08 16	704	LINEAR
(219521) 2001 QH ₅₄	2001 08 16	704	LINEAR
(219522) 2001 QH ₈₃	2001 08 17	704	LINEAR
(219523) 2001 QS ₈₄	2001 08 18	704	LINEAR
(219524) 2001 QZ ₉₃	2001 08 22	704	LINEAR
(219525) 2001 QG ₉₇	2001 08 17	704	LINEAR
(219526) 2001 QE ₁₁₇	2001 08 17	704	LINEAR
(219527) 2001 QK ₁₄₂	2001 08 23	699	LONEOS
(219528) 2001 QL ₁₄₉	2001 08 22	608	NEAT
(219529) 2001 QC ₁₆₉	2001 08 26	644	NEAT
(219530) 2001 QE ₁₇₁	2001 08 24	704	LINEAR
(219531) 2001 QN ₁₇₃	2001 08 25	704	LINEAR
(219532) 2001 QF ₁₇₇	2001 08 26	691	Spacewatch
(219533) 2001 QO ₁₈₄	2001 08 21	704	LINEAR
(219534) 2001 QH ₁₈₈	2001 08 21	608	NEAT

(219535)	2001 QZ ₁₉₅	2001 08 22	644	NEAT	(219587)	2001 TH ₃	2001 10 07	644	NEAT
(219536)	2001 QV ₁₉₉	2001 08 22	704	LINEAR	(219588)	2001 TJ ₈	2001 10 09	704	LINEAR
(219537)	2001 QR ₂₀₁	2001 08 22	691	Spacewatch	(219589)	2001 TA ₁₈	2001 10 14	333	Yeung, W. K. Y.
(219538)	2001 QR ₂₂₉	2001 08 24	699	LONEOS	(219590)	2001 TQ ₁₈	2001 10 15	843	Ball, L.
(219539)	2001 QL ₂₃₈	2001 08 24	704	LINEAR	(219591)	2001 TB ₂₂	2001 10 11	704	LINEAR
(219540)	2001 QD ₂₄₈	2001 08 24	704	LINEAR	(219592)	2001 TS ₃₁	2001 10 14	704	LINEAR
(219541)	2001 QZ ₂₄₉	2001 08 24	608	NEAT	(219593)	2001 TN ₃₄	2001 10 14	704	LINEAR
(219542)	2001 QH ₂₆₈	2001 08 20	644	NEAT	(219594)	2001 TC ₃₅	2001 10 14	704	LINEAR
(219543)	2001 QB ₂₉₃	2001 08 16	644	NEAT	(219595)	2001 TR ₃₉	2001 10 14	704	LINEAR
(219544)	2001 RA ₆	2001 09 08	704	LINEAR	(219596)	2001 TE ₄₀	2001 10 14	704	LINEAR
(219545)	2001 RN ₂₇	2001 09 07	704	LINEAR	(219597)	2001 TJ ₄₄	2001 10 14	704	LINEAR
(219546)	2001 RK ₃₄	2001 09 08	704	LINEAR	(219598)	2001 TF ₄₉	2001 10 15	333	Yeung, W. K. Y.
(219547)	2001 RD ₄₄	2001 09 12	644	NEAT	(219599)	2001 TL ₅₅	2001 10 14	704	LINEAR
(219548)	2001 RA ₆₆	2001 09 10	704	LINEAR	(219600)	2001 TO ₅₇	2001 10 13	704	LINEAR
(219549)	2001 RT ₇₃	2001 09 10	704	LINEAR	(219601)	2001 TK ₆₄	2001 10 13	704	LINEAR
(219550)	2001 RQ ₇₈	2001 09 10	704	LINEAR	(219602)	2001 TU ₈₁	2001 10 14	704	LINEAR
(219551)	2001 RZ ₈₃	2001 09 11	699	LONEOS	(219603)	2001 TO ₈₄	2001 10 14	704	LINEAR
(219552)	2001 RY ₁₀₇	2001 09 12	704	LINEAR	(219604)	2001 TB ₈₅	2001 10 14	704	LINEAR
(219553)	2001 RL ₁₁₅	2001 09 12	704	LINEAR	(219605)	2001 TD ₈₅	2001 10 14	704	LINEAR
(219554)	2001 RM ₁₂₃	2001 09 12	704	LINEAR	(219606)	2001 TN ₉₁	2001 10 14	704	LINEAR
(219555)	2001 RA ₁₂₅	2001 09 12	704	LINEAR	(219607)	2001 TT ₉₁	2001 10 14	704	LINEAR
(219556)	2001 RM ₁₂₇	2001 09 12	704	LINEAR	(219608)	2001 TO ₉₄	2001 10 14	704	LINEAR
(219557)	2001 RL ₁₃₂	2001 09 12	704	LINEAR	(219609)	2001 TD ₉₅	2001 10 14	704	LINEAR
(219558)	2001 RE ₁₄₂	2001 09 15	644	NEAT	(219610)	2001 TN ₉₆	2001 10 14	704	LINEAR
(219559)	2001 RK ₁₅₄	2001 09 10	704	LINEAR	(219611)	2001 TF ₁₀₁	2001 10 14	704	LINEAR
(219560)	2001 SX	2001 09 17	333	Yeung, W. K. Y.	(219612)	2001 TX ₁₀₇	2001 10 13	704	LINEAR
(219561)	2001 SC ₂₆	2001 09 16	704	LINEAR	(219613)	2001 TC ₁₀₈	2001 10 13	704	LINEAR
(219562)	2001 SO ₂₈	2001 09 16	704	LINEAR	(219614)	2001 TO ₁₁₃	2001 10 14	704	LINEAR
(219563)	2001 SX ₃₁	2001 09 16	704	LINEAR	(219615)	2001 TH ₁₁₉	2001 10 15	704	LINEAR
(219564)	2001 SU ₉₀	2001 09 20	704	LINEAR	(219616)	2001 TM ₁₁₉	2001 10 15	704	LINEAR
(219565)	2001 SZ ₉₅	2001 09 20	704	LINEAR	(219617)	2001 TP ₁₁₉	2001 10 15	704	LINEAR
(219566)	2001 SN ₁₀₁	2001 09 20	704	LINEAR	(219618)	2001 TY ₁₂₀	2001 10 15	704	LINEAR
(219567)	2001 SB ₁₁₅	2001 09 20	333	Yeung, W. K. Y.	(219619)	2001 TY ₁₂₃	2001 10 12	608	NEAT
(219568)	2001 SY ₁₁₇	2001 09 16	704	LINEAR	(219620)	2001 TM ₁₃₁	2001 10 11	644	NEAT
(219569)	2001 SR ₁₂₆	2001 09 16	704	LINEAR	(219621)	2001 TJ ₁₇₂	2001 10 13	704	LINEAR
(219570)	2001 ST ₁₂₉	2001 09 16	704	LINEAR	(219622)	2001 TP ₁₉₁	2001 10 14	704	LINEAR
(219571)	2001 SU ₁₃₂	2001 09 16	704	LINEAR	(219623)	2001 TY ₁₉₃	2001 10 15	704	LINEAR
(219572)	2001 SF ₁₄₂	2001 09 16	704	LINEAR	(219624)	2001 TS ₂₀₁	2001 10 11	704	LINEAR
(219573)	2001 SP ₁₄₆	2001 09 16	704	LINEAR	(219625)	2001 TY ₂₀₅	2001 10 11	704	LINEAR
(219574)	2001 SH ₁₅₉	2001 09 17	704	LINEAR	(219626)	2001 TW ₂₀₆	2001 10 11	644	NEAT
(219575)	2001 SC ₂₁₉	2001 09 19	704	LINEAR	(219627)	2001 TU ₂₁₀	2001 10 13	699	LONEOS
(219576)	2001 SJ ₂₂₁	2001 09 19	704	LINEAR	(219628)	2001 TB ₂₁₁	2001 10 13	644	NEAT
(219577)	2001 ST ₂₂₁	2001 09 19	704	LINEAR	(219629)	2001 TC ₂₂₄	2001 10 14	704	LINEAR
(219578)	2001 SQ ₂₃₄	2001 09 19	704	LINEAR	(219630)	2001 TZ ₂₃₅	2001 10 15	644	NEAT
(219579)	2001 SK ₂₄₄	2001 09 19	704	LINEAR	(219631)	2001 TX ₂₄₀	2001 10 14	704	LINEAR
(219580)	2001 SE ₂₅₂	2001 09 19	704	LINEAR	(219632)	2001 UC ₁₁	2001 10 22	333	Yeung, W. K. Y.
(219581)	2001 SN ₂₅₃	2001 09 19	704	LINEAR	(219633)	2001 UN ₁₇	2001 10 18	704	LINEAR
(219582)	2001 SK ₃₀₄	2001 09 20	704	LINEAR	(219634)	2001 UK ₃₃	2001 10 16	704	LINEAR
(219583)	2001 SM ₃₁₁	2001 09 19	704	LINEAR	(219635)	2001 UV ₃₃	2001 10 16	704	LINEAR
(219584)	2001 SS ₃₁₇	2001 09 19	704	LINEAR	(219636)	2001 UD ₅₇	2001 10 17	704	LINEAR
(219585)	2001 SB ₃₂₈	2001 09 18	699	LONEOS	(219637)	2001 UP ₆₃	2001 10 17	704	LINEAR
(219586)	2001 SL ₃₃₇	2001 09 20	291	Spacewatch	(219638)	2001 UB ₆₅	2001 10 18	704	LINEAR

(219639)	2001 UF ₆₆	2001 10 18	704	LINEAR
(219640)	2001 UR ₇₀	2001 10 17	691	Spacewatch
(219641)	2001 UQ ₇₆	2001 10 17	704	LINEAR
(219642)	2001 UW ₇₆	2001 10 17	704	LINEAR
(219643)	2001 UX ₇₆	2001 10 17	704	LINEAR
(219644)	2001 UW ₈₁	2001 10 20	704	LINEAR
(219645)	2001 UA ₈₂	2001 10 20	704	LINEAR
(219646)	2001 UF ₁₀₁	2001 10 20	704	LINEAR
(219647)	2001 UE ₁₁₄	2001 10 22	704	LINEAR
(219648)	2001 UH ₁₁₉	2001 10 22	704	LINEAR
(219649)	2001 US ₁₂₇	2001 10 17	704	LINEAR
(219650)	2001 US ₁₃₄	2001 10 21	704	LINEAR
(219651)	2001 UD ₁₆₀	2001 10 23	704	LINEAR
(219652)	2001 UB ₁₆₂	2001 10 23	704	LINEAR
(219653)	2001 UC ₁₇₂	2001 10 18	644	NEAT
(219654)	2001 UR ₁₇₃	2001 10 18	644	NEAT
(219655)	2001 UY ₂₁₃	2001 10 23	699	LONEOS
(219656)	2001 UU ₂₁₇	2001 10 24	644	NEAT
(219657)	2001 VA ₂	2001 11 10	611	Starkenburg
(219658)	2001 VD ₃	2001 11 09	691	Spacewatch
(219659)	2001 VK ₆	2001 11 09	704	LINEAR
(219660)	2001 VC ₁₁	2001 11 10	704	LINEAR
(219661)	2001 VA ₁₂	2001 11 10	704	LINEAR
(219662)	2001 VM ₁₂	2001 11 10	704	LINEAR
(219663)	2001 VZ ₁₃	2001 11 10	704	LINEAR
(219664)	2001 VM ₁₇	2001 11 09	621	Bickel, W.
(219665)	2001 VG ₁₉	2001 11 09	704	LINEAR
(219666)	2001 VG ₂₅	2001 11 09	704	LINEAR
(219667)	2001 VZ ₃₃	2001 11 09	704	LINEAR
(219668)	2001 VQ ₃₇	2001 11 09	704	LINEAR
(219669)	2001 VJ ₃₉	2001 11 09	704	LINEAR
(219670)	2001 VW ₄₉	2001 11 10	704	LINEAR
(219671)	2001 VS ₅₀	2001 11 10	704	LINEAR
(219672)	2001 VB ₈₀	2001 11 09	644	NEAT
(219673)	2001 VH ₈₈	2001 11 12	608	NEAT
(219674)	2001 VV ₉₁	2001 11 15	704	LINEAR
(219675)	2001 VK ₉₂	2001 11 15	704	LINEAR
(219676)	2001 VY ₁₀₄	2001 11 12	704	LINEAR
(219677)	2001 VR ₁₀₅	2001 11 12	704	LINEAR
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(219680)	2001 WS ₁₄	2001 11 17	291	Spacewatch
(219681)	2001 WH ₁₈	2001 11 17	704	LINEAR
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(219687)	2001 WV ₃₇	2001 11 17	704	LINEAR
(219688)	2001 WW ₃₇	2001 11 17	704	LINEAR
(219689)	2001 WY ₃₈	2001 11 17	704	LINEAR
(219690)	2001 WD ₅₂	2001 11 19	704	LINEAR

(219691)	2001 WG ₆₁	2001 11 19	704	LINEAR
(219692)	2001 WT ₉₂	2001 11 21	704	LINEAR
(219693)	2001 XX ₁	2001 12 08	704	LINEAR
(219694)	2001 XM ₁₁	2001 12 09	704	LINEAR
(219695)	2001 XO ₁₆	2001 12 10	012	Pauwels, T.
(219696)	2001 XW ₁₈	2001 12 09	704	LINEAR
(219697)	2001 XP ₂₀	2001 12 09	704	LINEAR
(219698)	2001 XF ₂₁	2001 12 09	704	LINEAR
(219699)	2001 XS ₂₁	2001 12 09	704	LINEAR
(219700)	2001 XS ₂₆	2001 12 10	704	LINEAR
(219701)	2001 XA ₃₀	2001 12 11	704	LINEAR
(219702)	2001 XL ₃₃	2001 12 11	291	Spacewatch
(219703)	2001 XB ₃₅	2001 12 09	704	LINEAR
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(219706)	2001 XN ₄₃	2001 12 09	704	LINEAR
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(219713)	2001 XG ₇₂	2001 12 11	704	LINEAR
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(219717)	2001 XH ₉₅	2001 12 10	704	LINEAR
(219718)	2001 XL ₉₇	2001 12 10	704	LINEAR
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(219720)	2001 XV ₁₀₉	2001 12 11	704	LINEAR
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(219743) 2001 XZ ₂₃₃	2001 12 15	704	LINEAR	(219795) 2002 AK ₁₂₁	2002 01 09	704	LINEAR
(219744) 2001 XW ₂₃₈	2001 12 15	704	LINEAR	(219796) 2002 AZ ₁₃₂	2002 01 08	704	LINEAR
(219745) 2001 XA ₂₃₉	2001 12 15	704	LINEAR	(219797) 2002 AD ₁₃₃	2002 01 08	704	LINEAR
(219746) 2001 XQ ₂₃₉	2001 12 15	704	LINEAR	(219798) 2002 AW ₁₃₅	2002 01 09	704	LINEAR
(219747) 2001 XT ₂₄₇	2001 12 15	704	LINEAR	(219799) 2002 AA ₁₄₂	2002 01 13	704	LINEAR
(219748) 2001 XZ ₂₄₇	2001 12 13	644	NEAT	(219800) 2002 AD ₁₄₆	2002 01 13	704	LINEAR
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(219750) 2001 YE	2001 12 17	644	NEAT	(219802) 2002 AC ₁₅₀	2002 01 14	704	LINEAR
(219751) 2001 YL ₈	2001 12 17	704	LINEAR	(219803) 2002 AX ₁₅₁	2002 01 14	704	LINEAR
(219752) 2001 YK ₁₃	2001 12 17	704	LINEAR	(219804) 2002 AF ₁₅₅	2002 01 14	704	LINEAR
(219753) 2001 YN ₂₂	2001 12 18	704	LINEAR	(219805) 2002 AN ₁₅₇	2002 01 13	704	LINEAR
(219754) 2001 YD ₂₆	2001 12 18	704	LINEAR	(219806) 2002 AZ ₁₆₃	2002 01 13	704	LINEAR
(219755) 2001 YR ₂₆	2001 12 18	704	LINEAR	(219807) 2002 AO ₁₇₃	2002 01 14	704	LINEAR
(219756) 2001 YK ₂₈	2001 12 18	704	LINEAR	(219808) 2002 AT ₁₈₀	2002 01 05	644	NEAT
(219757) 2001 YQ ₃₂	2001 12 18	704	LINEAR	(219809) 2002 AQ ₁₈₆	2002 01 08	704	LINEAR
(219758) 2001 YW ₃₃	2001 12 18	704	LINEAR	(219810) 2002 AC ₁₈₇	2002 01 08	704	LINEAR
(219759) 2001 YP ₆₀	2001 12 18	704	LINEAR	(219811) 2002 AF ₁₈₉	2002 01 10	644	NEAT
(219760) 2001 YQ ₆₀	2001 12 18	704	LINEAR	(219812) 2002 AM ₁₉₃	2002 01 12	691	Spacewatch
(219761) 2001 YR ₇₆	2001 12 18	704	LINEAR	(219813) 2002 AQ ₁₉₇	2002 01 14	644	NEAT
(219762) 2001 YJ ₇₉	2001 12 18	704	LINEAR	(219814) 2002 BA ₃	2002 01 18	699	LONEOS
(219763) 2001 YH ₈₆	2001 12 18	704	LINEAR	(219815) 2002 BX ₄	2002 01 19	699	LONEOS
(219764) 2001 YK ₈₇	2001 12 18	704	LINEAR	(219816) 2002 BD ₂₃	2002 01 23	704	LINEAR
(219765) 2001 YO ₉₁	2001 12 17	644	NEAT	(219817) 2002 BK ₂₃	2002 01 23	704	LINEAR
(219766) 2001 YS ₉₃	2001 12 18	691	Spacewatch	(219818) 2002 BN ₂₃	2002 01 23	704	LINEAR
(219767) 2001 YY ₉₆	2001 12 17	704	LINEAR	(219819) 2002 BE ₂₄	2002 01 23	704	LINEAR
(219768) 2001 YZ ₁₀₈	2001 12 18	704	LINEAR	(219820) 2002 BD ₂₆	2002 01 26	704	LINEAR
(219769) 2001 YY ₁₂₅	2001 12 17	704	LINEAR	(219821) 2002 BW ₂₆	2002 01 17	644	NEAT
(219770) 2001 YZ ₁₃₀	2001 12 17	704	LINEAR	(219822) 2002 CB ₄	2002 02 03	644	NEAT
(219771) 2001 YZ ₁₃₅	2001 12 22	704	LINEAR	(219823) 2002 CE ₁₇	2002 02 06	704	LINEAR
(219772) 2001 YX ₁₃₇	2001 12 22	704	LINEAR	(219824) 2002 CH ₁₇	2002 02 06	704	LINEAR
(219773) 2001 YD ₁₃₈	2001 12 20	644	NEAT	(219825) 2002 CG ₂₀	2002 02 04	644	NEAT
(219774) 2001 YY ₁₄₅	2001 12 18	699	LONEOS	(219826) 2002 CA ₂₈	2002 02 06	704	LINEAR
(219775) 2002 AU ₂	2002 01 06	704	LINEAR	(219827) 2002 CQ ₃₅	2002 02 07	704	LINEAR
(219776) 2002 AX ₄	2002 01 09	732	Roe, J. M.	(219828) 2002 CW ₃₆	2002 02 07	704	LINEAR
(219777) 2002 AY ₅	2002 01 04	644	NEAT	(219829) 2002 CR ₃₉	2002 02 07	104	Tesi, L., Tombelli, M.
(219778) 2002 AQ ₈	2002 01 06	691	Spacewatch	(219830) 2002 CB ₄₉	2002 02 03	608	NEAT
(219779) 2002 AS ₁₃	2002 01 11	333	Yeung, W. K. Y.	(219831) 2002 CF ₅₆	2002 02 07	704	LINEAR
(219780) 2002 AF ₁₅	2002 01 06	704	LINEAR	(219832) 2002 CB ₆₃	2002 02 06	704	LINEAR
(219781) 2002 AA ₂₅	2002 01 08	644	NEAT	(219833) 2002 CB ₈₀	2002 02 07	704	LINEAR
(219782) 2002 AB ₂₈	2002 01 07	699	LONEOS	(219834) 2002 CK ₈₀	2002 02 07	704	LINEAR
(219783) 2002 AL ₂₈	2002 01 07	699	LONEOS	(219835) 2002 CH ₈₂	2002 02 07	704	LINEAR
(219784) 2002 AK ₃₀	2002 01 09	704	LINEAR	(219836) 2002 CW ₈₈	2002 02 07	704	LINEAR
(219785) 2002 AK ₆₅	2002 01 11	704	LINEAR	(219837) 2002 CH ₁₀₉	2002 02 07	704	LINEAR
(219786) 2002 AY ₇₆	2002 01 08	704	LINEAR	(219838) 2002 CG ₁₂₀	2002 02 07	704	LINEAR
(219787) 2002 AB ₈₃	2002 01 09	704	LINEAR	(219839) 2002 CX ₁₂₀	2002 02 07	704	LINEAR
(219788) 2002 AN ₈₅	2002 01 09	704	LINEAR	(219840) 2002 CJ ₁₃₀	2002 02 07	704	LINEAR
(219789) 2002 AS ₈₅	2002 01 09	704	LINEAR	(219841) 2002 CJ ₁₃₆	2002 02 08	704	LINEAR
(219790) 2002 AD ₈₇	2002 01 09	704	LINEAR	(219842) 2002 CY ₁₄₅	2002 02 09	704	LINEAR
(219791) 2002 AE ₉₅	2002 01 08	704	LINEAR	(219843) 2002 CV ₁₄₇	2002 02 10	704	LINEAR
(219792) 2002 AZ ₁₀₀	2002 01 08	704	LINEAR	(219844) 2002 CQ ₁₄₈	2002 02 10	704	LINEAR
(219793) 2002 AM ₁₀₁	2002 01 08	704	LINEAR	(219845) 2002 CZ ₁₇₈	2002 02 10	704	LINEAR
(219794) 2002 AD ₁₀₄	2002 01 09	704	LINEAR	(219846) 2002 CL ₁₇₉	2002 02 10	704	LINEAR

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(219848) 2002 CO ₁₉₉	2002 02 10	704	LINEAR	(219900) 2002 ET ₁₂₅	2002 03 11	644	NEAT
(219849) 2002 CS ₂₀₄	2002 02 10	704	LINEAR	(219901) 2002 EC ₁₃₂	2002 03 13	691	Spacewatch
(219850) 2002 CA ₂₀₅	2002 02 10	704	LINEAR	(219902) 2002 EG ₁₃₄	2002 03 13	644	NEAT
(219851) 2002 CP ₂₁₀	2002 02 10	704	LINEAR	(219903) 2002 ES ₁₃₅	2002 03 14	699	LONEOS
(219852) 2002 CL ₂₁₂	2002 02 10	704	LINEAR	(219904) 2002 EL ₁₃₆	2002 03 12	644	NEAT
(219853) 2002 CU ₂₁₂	2002 02 10	704	LINEAR	(219905) 2002 ET ₁₄₀	2002 03 12	644	NEAT
(219854) 2002 CS ₂₁₉	2002 02 10	704	LINEAR	(219906) 2002 ES ₁₄₈	2002 03 15	644	NEAT
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(219856) 2002 CN ₂₂₅	2002 02 08	644	NEAT	(219908) 2002 ES ₁₆₁	2002 03 06	644	NEAT
(219857) 2002 CB ₂₃₀	2002 02 11	691	Spacewatch	(219909) 2002 FF ₈	2002 03 16	704	LINEAR
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(219859) 2002 CX ₂₄₅	2002 02 14	608	NEAT	(219911) 2002 FD ₂₅	2002 03 19	644	NEAT
(219860) 2002 CN ₂₄₆	2002 02 15	691	Spacewatch	(219912) 2002 FR ₄₁	2002 03 20	291	Spacewatch
(219861) 2002 CP ₂₅₀	2002 02 06	695	Buie, M. W.	(219913) 2002 GE ₁	2002 04 03	113	Lehmann, G., Kandler, J.
(219862) 2002 CM ₂₅₁	2002 02 03	699	LONEOS	(219914) 2002 GX ₇	2002 04 14	333	Yeung, W. K. Y.
(219863) 2002 CV ₂₅₂	2002 02 04	699	LONEOS	(219915) 2002 GB ₉	2002 04 14	333	Yeung, W. K. Y.
(219864) 2002 CK ₂₅₄	2002 02 05	644	NEAT	(219916) 2002 GZ ₁₃	2002 04 14	704	LINEAR
(219865) 2002 CN ₂₅₄	2002 02 05	644	NEAT	(219917) 2002 GP ₂₆	2002 04 08	644	NEAT
(219866) 2002 CS ₂₆₆	2002 02 07	644	NEAT	(219918) 2002 GZ ₃₇	2002 04 03	291	Spacewatch
(219867) 2002 CM ₂₇₀	2002 02 07	691	Spacewatch	(219919) 2002 GA ₅₇	2002 04 08	691	Spacewatch
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(219869) 2002 CX ₂₇₇	2002 02 07	644	NEAT	(219921) 2002 GX ₆₅	2002 04 08	644	NEAT
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(219871) 2002 CC ₂₈₆	2002 02 10	704	LINEAR	(219923) 2002 GK ₇₁	2002 04 09	699	LONEOS
(219872) 2002 CY ₃₀₁	2002 02 12	704	LINEAR	(219924) 2002 GY ₇₁	2002 04 09	699	LONEOS
(219873) 2002 CG ₃₀₇	2002 02 08	704	LINEAR	(219925) 2002 GB ₇₅	2002 04 09	644	NEAT
(219874) 2002 CU ₃₁₄	2002 02 13	645	Sloan Digital Sky Survey	(219926) 2002 GZ ₇₆	2002 04 09	699	LONEOS
(219875) 2002 DX ₅	2002 02 16	644	NEAT	(219927) 2002 GK ₈₅	2002 04 10	704	LINEAR
(219876) 2002 DK ₇	2002 02 19	704	LINEAR	(219928) 2002 GC ₈₇	2002 04 10	704	LINEAR
(219877) 2002 DD ₁₅	2002 02 16	644	NEAT	(219929) 2002 GZ ₉₀	2002 04 08	644	NEAT
(219878) 2002 EH ₂	2002 03 09	344	Bohyunsan	(219930) 2002 GO ₉₄	2002 04 09	704	LINEAR
(219879) 2002 ET ₄	2002 03 10	209	Asiago-DLR Asteroid Survey	(219931) 2002 GW ₉₄	2002 04 09	704	LINEAR
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(219881) 2002 ES ₃₂	2002 03 11	644	NEAT	(219933) 2002 GF ₁₀₀	2002 04 10	704	LINEAR
(219882) 2002 EY ₃₆	2002 03 09	691	Spacewatch	(219934) 2002 GD ₁₀₉	2002 04 11	704	LINEAR
(219883) 2002 EB ₃₈	2002 03 10	291	Spacewatch	(219935) 2002 GH ₁₂₈	2002 04 12	704	LINEAR
(219884) 2002 EH ₄₉	2002 03 12	644	NEAT	(219936) 2002 GS ₁₃₁	2002 04 12	704	LINEAR
(219885) 2002 EP ₅₈	2002 03 13	704	LINEAR	(219937) 2002 GQ ₁₃₂	2002 04 12	704	LINEAR
(219886) 2002 ER ₅₈	2002 03 13	704	LINEAR	(219938) 2002 GY ₁₃₈	2002 04 13	644	NEAT
(219887) 2002 EZ ₆₁	2002 03 13	704	LINEAR	(219939) 2002 GN ₁₃₉	2002 04 13	644	NEAT
(219888) 2002 EU ₆₄	2002 03 13	704	LINEAR	(219940) 2002 GD ₁₄₄	2002 04 11	704	LINEAR
(219889) 2002 EJ ₆₆	2002 03 13	704	LINEAR	(219941) 2002 GT ₁₄₅	2002 04 12	704	LINEAR
(219890) 2002 EO ₈₀	2002 03 12	644	NEAT	(219942) 2002 GU ₁₄₅	2002 04 12	704	LINEAR
(219891) 2002 EK ₈₃	2002 03 13	644	NEAT	(219943) 2002 GS ₁₄₈	2002 04 14	704	LINEAR
(219892) 2002 EF ₉₅	2002 03 14	704	LINEAR	(219944) 2002 GZ ₁₄₈	2002 04 14	644	NEAT
(219893) 2002 EQ ₉₆	2002 03 11	691	Spacewatch	(219945) 2002 GN ₁₅₀	2002 04 14	704	LINEAR
(219894) 2002 EK ₁₀₈	2002 03 09	644	NEAT	(219946) 2002 GP ₁₅₈	2002 04 13	644	NEAT
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(219896) 2002 EW ₁₁₁	2002 03 09	291	Spacewatch	(219948) 2002 GX ₁₆₄	2002 04 14	644	NEAT
(219897) 2002 ET ₁₁₄	2002 03 10	691	Spacewatch	(219949) 2002 GR ₁₆₇	2002 04 09	704	LINEAR
(219898) 2002 ER ₁₁₈	2002 03 10	291	Spacewatch	(219950) 2002 GA ₁₆₈	2002 04 09	704	LINEAR

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(219952) 2002 GA ₁₇₄	2002 04 10	704	LINEAR	(220004) 2002 PO ₅₆	2002 08 09	704	LINEAR
(219953) 2002 GB ₁₈₀	2002 04 08	644	NEAT	(220005) 2002 PG ₆₀	2002 08 10	704	LINEAR
(219954) 2002 GL ₁₈₄	2002 04 05	644	NEAT	(220006) 2002 PS ₈₇	2002 08 14	704	LINEAR
(219955) 2002 HB ₁	2002 04 16	704	LINEAR	(220007) 2002 PS ₉₉	2002 08 14	704	LINEAR
(219956) 2002 HM ₁₇	2002 04 21	691	Spacewatch	(220008) 2002 PX ₁₀₁	2002 08 12	704	LINEAR
(219957) 2002 JZ ₄	2002 05 05	333	Yeung, W. K. Y.	(220009) 2002 PO ₁₀₂	2002 08 12	704	LINEAR
(219958) 2002 JG ₁₆	2002 05 09	926	Tenagra II	(220010) 2002 PJ ₁₁₁	2002 08 14	644	NEAT
(219959) 2002 JC ₂₀	2002 05 06	644	NEAT	(220011) 2002 PJ ₁₂₃	2002 08 15	644	NEAT
(219960) 2002 JD ₅₄	2002 05 09	704	LINEAR	(220012) 2002 PP ₁₂₄	2002 08 13	699	LONEOS
(219961) 2002 JP ₆₀	2002 05 10	644	NEAT	(220013) 2002 PK ₁₃₅	2002 08 14	704	LINEAR
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(219974) 2002 JM ₁₃₇	2002 05 09	644	NEAT	(220026) 2002 QG ₅₅	2002 08 17	644	Lowe, A.
(219975) 2002 KA ₁₁	2002 05 16	608	NEAT	(220027) 2002 QJ ₅₇	2002 08 17	644	Lowe, A.
(219976) 2002 LD	2002 06 01	644	NEAT	(220028) 2002 QT ₈₉	2002 08 30	644	NEAT
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(219997) 2002 PL ₁₆	2002 08 06	644	NEAT	(220049) 2002 RS ₈₆	2002 09 05	704	LINEAR
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(220108)	2002 TZ ₂₅	2002 10 02	704	LINEAR
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(220134)	2002 TL ₉₈	2002 10 03	704	LINEAR
(220135)	2002 TX ₁₀₂	2002 10 04	704	LINEAR
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(220191) 2002 VS ₈	2002 11 01	644	NEAT	(220243) 2002 XJ ₃₁	2002 12 06	704	LINEAR
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(220267) 2003 AG ₃₇	2003 01 07	704	LINEAR	(220319) 2003 FK ₈	2003 03 31	699	LONEOS
(220268) 2003 AL ₃₉	2003 01 07	704	LINEAR	(220320) 2003 FU ₁₀	2003 03 23	291	Spacewatch
(220269) 2003 AP ₄₃	2003 01 05	704	LINEAR	(220321) 2003 FR ₁₂	2003 03 22	049	Uppsala-DLR Asteroid Survey
(220270) 2003 AQ ₄₄	2003 01 05	704	LINEAR	(220322) 2003 FN ₂₅	2003 03 24	691	Spacewatch
(220271) 2003 AS ₅₅	2003 01 05	704	LINEAR	(220323) 2003 FO ₂₇	2003 03 24	691	Spacewatch
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(220279) 2003 BH ₁₈	2003 01 27	704	LINEAR	(220331) 2003 FG ₁₂₄	2003 03 30	695	Buie, M. W.
(220280) 2003 BB ₄₂	2003 01 27	704	LINEAR	(220332) 2003 FR ₁₃₀	2003 03 26	608	NEAT
(220281) 2003 BA ₄₇	2003 01 28	644	NEAT	(220333) 2003 FM ₁₃₃	2003 03 27	691	Spacewatch
(220282) 2003 BP ₄₈	2003 01 26	699	LONEOS	(220334) 2003 GV ₃	2003 04 01	704	LINEAR
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(220285) 2003 BS ₆₉	2003 01 30	699	LONEOS	(220337) 2003 GY ₁₁	2003 04 01	291	Spacewatch
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(220287) 2003 BR ₇₇	2003 01 30	704	LINEAR	(220339) 2003 GX ₁₆	2003 04 04	704	LINEAR
(220288) 2003 BH ₇₉	2003 01 31	699	LONEOS	(220340) 2003 GA ₁₈	2003 04 04	691	Spacewatch
(220289) 2003 BP ₈₁	2003 01 31	704	LINEAR	(220341) 2003 GY ₂₀	2003 04 05	428	Broughton, J.
(220290) 2003 BF ₈₉	2003 01 28	291	Spacewatch	(220342) 2003 GP ₂₇	2003 04 07	291	Spacewatch
(220291) 2003 CW ₃	2003 02 02	699	LONEOS	(220343) 2003 GZ ₃₄	2003 04 08	704	LINEAR
(220292) 2003 CZ ₈	2003 02 02	699	LONEOS	(220344) 2003 GK ₄₁	2003 04 09	644	NEAT
(220293) 2003 CA ₁₀	2003 02 02	704	LINEAR	(220345) 2003 GG ₄₄	2003 04 09	704	LINEAR
(220294) 2003 CV ₁₅	2003 02 06	644	NEAT	(220346) 2003 GR ₅₁	2003 04 01	695	Buie, M. W.
(220295) 2003 CU ₁₈	2003 02 06	704	LINEAR	(220347) 2003 GH ₅₄	2003 04 11	699	LONEOS
(220296) 2003 CX ₂₀	2003 02 13	809	Michelsen, R., Masi, G.	(220348) 2003 HB ₅	2003 04 24	699	LONEOS
(220297) 2003 CA ₂₁	2003 02 10	621	Bickel, W.	(220349) 2003 HK ₁₁	2003 04 26	691	Spacewatch
(220298) 2003 DB ₁₈	2003 02 19	644	NEAT	(220350) 2003 HN ₁₃	2003 04 24	691	Spacewatch
(220299) 2003 EE ₁	2003 03 05	704	LINEAR	(220351) 2003 HK ₂₂	2003 04 24	691	Spacewatch
(220300) 2003 EP ₂	2003 03 05	704	LINEAR	(220352) 2003 HQ ₂₃	2003 04 25	691	Spacewatch
(220301) 2003 EQ ₅	2003 03 05	704	LINEAR	(220353) 2003 HH ₅₅	2003 04 25	599	CINEOS
(220302) 2003 EX ₁₁	2003 03 06	704	LINEAR	(220354) 2003 JP ₁	2003 05 01	704	LINEAR
(220303) 2003 EC ₁₃	2003 03 06	704	LINEAR	(220355) 2003 JG ₁₁	2003 05 03	691	Spacewatch
(220304) 2003 EQ ₁₄	2003 03 06	699	LONEOS	(220356) 2003 JJ ₁₅	2003 05 06	691	Spacewatch
(220305) 2003 EN ₁₇	2003 03 05	704	LINEAR	(220357) 2003 MP ₄	2003 06 26	704	LINEAR
(220306) 2003 ET ₂₆	2003 03 06	699	LONEOS	(220358) 2003 MR ₄	2003 06 26	704	LINEAR
(220307) 2003 EW ₂₉	2003 03 06	644	NEAT	(220359) 2003 NN ₁	2003 07 01	704	LINEAR
(220308) 2003 EK ₃₂	2003 03 07	699	LONEOS	(220360) 2003 NV ₂	2003 07 01	608	NEAT
(220309) 2003 EZ ₃₆	2003 03 08	699	LONEOS	(220361) 2003 NL ₅	2003 07 06	290	Ryan, W. H., Martinez, C. T.
(220310) 2003 ER ₃₈	2003 03 08	699	LONEOS	(220362) 2003 NK ₆	2003 07 07	704	LINEAR
(220311) 2003 EU ₄₂	2003 03 10	704	LINEAR	(220363) 2003 NN ₆	2003 07 08	691	Spacewatch
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(220369) 2003 OZ ₉	2003 07 25	644	NEAT
(220370) 2003 OO ₁₂	2003 07 27	704	LINEAR
(220371) 2003 OR ₁₂	2003 07 28	644	NEAT
(220372) 2003 ON ₁₄	2003 07 22	644	NEAT
(220373) 2003 OB ₁₅	2003 07 22	644	NEAT
(220374) 2003 OV ₂₄	2003 07 24	644	NEAT
(220375) 2003 OO ₂₆	2003 07 24	644	NEAT
(220376) 2003 OX ₃₂	2003 07 23	644	NEAT
(220377) 2003 PV	2003 08 01	704	LINEAR
(220378) 2003 QQ	2003 08 18	599	CINEOS
(220379) 2003 QF ₄	2003 08 18	599	CINEOS
(220380) 2003 QO ₂₂	2003 08 20	644	NEAT
(220381) 2003 QF ₂₃	2003 08 20	644	NEAT
(220382) 2003 QD ₃₀	2003 08 20	428	Broughton, J.
(220383) 2003 QO ₄₂	2003 08 22	644	NEAT
(220384) 2003 QN ₄₄	2003 08 23	704	LINEAR
(220385) 2003 QU ₄₅	2003 08 23	704	LINEAR
(220386) 2003 QK ₄₆	2003 08 23	704	LINEAR
(220387) 2003 QN ₄₈	2003 08 20	599	CINEOS
(220388) 2003 QK ₅₁	2003 08 22	644	NEAT
(220389) 2003 QE ₆₈	2003 08 25	704	LINEAR
(220390) 2003 QE ₆₉	2003 08 23	644	NEAT
(220391) 2003 QM ₇₂	2003 08 23	644	NEAT
(220392) 2003 QN ₇₃	2003 08 24	704	LINEAR
(220393) 2003 QN ₈₈	2003 08 25	704	LINEAR
(220394) 2003 QR ₉₈	2003 08 30	291	Spacewatch
(220395) 2003 QJ ₁₀₉	2003 08 31	704	LINEAR
(220396) 2003 RR ₄	2003 09 03	704	LINEAR
(220397) 2003 RK ₁₀	2003 09 12	673	Young, J. W.
(220398) 2003 RC ₁₁	2003 09 13	699	LONEOS
(220399) 2003 RA ₁₆	2003 09 15	644	NEAT
(220400) 2003 RF ₂₀	2003 09 15	699	LONEOS
(220401) 2003 SM ₂₃	2003 09 16	608	NEAT
(220402) 2003 SJ ₃₈	2003 09 16	644	NEAT
(220403) 2003 SH ₄₈	2003 09 18	291	Spacewatch
(220404) 2003 SP ₅₅	2003 09 16	699	LONEOS
(220405) 2003 SY ₅₅	2003 09 16	699	LONEOS
(220406) 2003 SG ₅₆	2003 09 16	699	LONEOS
(220407) 2003 SP ₅₈	2003 09 17	699	LONEOS
(220408) 2003 SG ₆₆	2003 09 18	704	LINEAR
(220409) 2003 SQ ₇₆	2003 09 18	691	Spacewatch
(220410) 2003 SM ₈₉	2003 09 18	644	NEAT
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(220412) 2003 SL ₁₂₈	2003 09 20	608	NEAT
(220413) 2003 SD ₁₉₃	2003 09 20	644	NEAT
(220414) 2003 SK ₁₉₃	2003 09 20	704	LINEAR
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(220416) 2003 SM ₁₉₆	2003 09 20	644	NEAT
(220417) 2003 SS ₁₉₇	2003 09 21	699	LONEOS
(220418) 2003 SL ₂₂₁	2003 09 23	A50	Ivashchenko, Y., Kovalchuk, G.

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(220421) 2003 SU ₂₄₆	2003 09 26	704	LINEAR
(220422) 2003 SQ ₂₅₇	2003 09 28	704	LINEAR
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(220424) 2003 SE ₂₉₅	2003 09 29	699	LONEOS
(220425) 2003 SL ₃₀₄	2003 09 17	644	NEAT
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(220427) 2003 TN ₄₆	2003 10 03	691	Spacewatch
(220428) 2003 UJ ₃	2003 10 17	291	Spacewatch
(220429) 2003 UD ₂₈	2003 10 17	691	Spacewatch
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(220431) 2003 UH ₅₁	2003 10 18	644	NEAT
(220432) 2003 UL ₆₁	2003 10 16	699	LONEOS
(220433) 2003 UC ₁₈₃	2003 10 21	644	NEAT
(220434) 2003 UX ₂₁₁	2003 10 23	691	Spacewatch
(220435) 2003 UX ₂₆₃	2003 10 27	699	LONEOS
(220436) 2003 UO ₂₈₃	2003 10 30	704	LINEAR
(220437) 2003 UD ₂₉₄	2003 10 16	691	Spacewatch
(220438) 2003 WD ₇	2003 11 18	704	LINEAR
(220439) 2003 WL ₃₁	2003 11 18	644	NEAT
(220440) 2003 WH ₄₁	2003 11 19	691	Spacewatch
(220441) 2003 WC ₈₄	2003 11 21	704	LINEAR
(220442) 2003 WQ ₉₁	2003 11 18	691	Spacewatch
(220443) 2003 WV ₁₄₅	2003 11 21	704	LINEAR
(220444) 2003 WL ₁₈₃	2003 11 23	695	Buie, M. W.
(220445) 2003 WR ₁₉₄	2003 11 24	699	LONEOS
(220446) 2003 YX ₂₉	2003 12 17	644	NEAT
(220447) 2003 YG ₄₀	2003 12 19	691	Spacewatch
(220448) 2003 YF ₆₅	2003 12 19	704	LINEAR
(220449) 2003 YN ₁₀₉	2003 12 22	691	Spacewatch
(220450) 2003 YW ₁₁₁	2003 12 23	704	LINEAR
(220451) 2003 YY ₁₁₁	2003 12 23	704	LINEAR
(220452) 2003 YN ₁₁₇	2003 12 27	704	LINEAR
(220453) 2003 YS ₁₂₀	2003 12 27	704	LINEAR
(220454) 2003 YD ₁₃₁	2003 12 28	704	LINEAR
(220455) 2003 YQ ₁₆₃	2003 12 17	691	Spacewatch
(220456) 2004 AJ ₅	2004 01 13	699	LONEOS
(220457) 2004 BY ₁₀	2004 01 17	608	NEAT
(220458) 2004 BJ ₂₀	2004 01 16	644	NEAT
(220459) 2004 BA ₂₅	2004 01 19	691	Spacewatch
(220460) 2004 BE ₃₀	2004 01 18	644	NEAT
(220461) 2004 BD ₃₆	2004 01 19	691	Spacewatch
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(220463) 2004 BA ₄₀	2004 01 21	704	LINEAR
(220464) 2004 BE ₄₀	2004 01 21	704	LINEAR
(220465) 2004 BF ₅₂	2004 01 21	704	LINEAR
(220466) 2004 BB ₅₈	2004 01 23	699	LONEOS
(220467) 2004 BN ₆₇	2004 01 24	704	LINEAR
(220468) 2004 BB ₇₁	2004 01 22	704	LINEAR
(220469) 2004 BU ₇₈	2004 01 22	704	LINEAR
(220470) 2004 BV ₉₇	2004 01 27	691	Spacewatch

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(220472) 2004 BM ₁₀₃	2004 01 18	608	NEAT
(220473) 2004 BN ₁₁₀	2004 01 28	703	CSS
(220474) 2004 BL ₁₄₀	2004 01 19	691	Spacewatch
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(220476) 2004 CF ₄	2004 02 10	644	NEAT
(220477) 2004 CS ₁₄	2004 02 11	644	NEAT
(220478) 2004 CR ₁₅	2004 02 11	291	Spacewatch
(220479) 2004 CR ₁₇	2004 02 12	691	Spacewatch
(220480) 2004 CX ₁₇	2004 02 10	644	NEAT
(220481) 2004 CE ₂₉	2004 02 12	691	Spacewatch
(220482) 2004 CV ₃₅	2004 02 11	644	NEAT
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(220484) 2004 CH ₅₅	2004 02 12	291	Spacewatch
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(220486) 2004 CN ₇₇	2004 02 11	644	NEAT
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(220488) 2004 CX ₈₁	2004 02 12	691	Spacewatch
(220489) 2004 CJ ₈₄	2004 02 13	691	Spacewatch
(220490) 2004 CR ₉₁	2004 02 13	644	NEAT
(220491) 2004 CY ₁₂₀	2004 02 12	291	Spacewatch
(220492) 2004 CJ ₁₂₃	2004 02 12	691	Spacewatch
(220493) 2004 CD ₁₂₉	2004 02 14	691	Spacewatch
(220494) 2004 DK	2004 02 16	333	Yeung, W. K. Y.
(220495) 2004 DO	2004 02 17	198	Apitzsch, R.
(220496) 2004 DB ₁	2004 02 16	049	Uppsala-DLR Asteroid Survey
(220497) 2004 DD ₁	2004 02 16	704	LINEAR
(220498) 2004 DG ₅	2004 02 18	608	NEAT
(220499) 2004 DD ₁₀	2004 02 16	333	Yeung, W. K. Y.
(220500) 2004 DM ₁₁	2004 02 16	691	Spacewatch
(220501) 2004 DB ₁₈	2004 02 18	704	LINEAR
(220502) 2004 DG ₂₁	2004 02 17	703	CSS
(220503) 2004 DP ₂₁	2004 02 17	703	CSS
(220504) 2004 DP ₃₁	2004 02 17	691	Spacewatch
(220505) 2004 DL ₃₃	2004 02 18	704	LINEAR
(220506) 2004 DE ₃₅	2004 02 19	704	LINEAR
(220507) 2004 DH ₄₄	2004 02 25	333	Yeung, W. K. Y.
(220508) 2004 DH ₄₇	2004 02 19	704	LINEAR
(220509) 2004 DA ₆₀	2004 02 26	704	LINEAR
(220510) 2004 EQ ₇	2004 03 12	644	NEAT
(220511) 2004 ET ₉	2004 03 15	644	NEAT
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(220513) 2004 EW ₁₉	2004 03 14	691	Spacewatch
(220514) 2004 EF ₂₁	2004 03 15	691	Spacewatch
(220515) 2004 EZ ₂₁	2004 03 15	333	Yeung, W. K. Y.
(220516) 2004 ES ₂₉	2004 03 15	691	Spacewatch
(220517) 2004 ER ₃₄	2004 03 12	644	NEAT
(220518) 2004 EP ₄₃	2004 03 15	644	NEAT
(220519) 2004 EG ₅₄	2004 03 11	644	NEAT
(220520) 2004 EW ₆₂	2004 03 13	644	NEAT
(220521) 2004 EF ₇₀	2004 03 15	691	Spacewatch
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(220523) 2004 EP ₇₃	2004 03 15	703	CSS
(220524) 2004 EH ₇₈	2004 03 15	703	CSS
(220525) 2004 ET ₈₃	2004 03 14	691	Spacewatch
(220526) 2004 EA ₈₆	2004 03 15	704	LINEAR
(220527) 2004 EO ₉₆	2004 03 11	644	NEAT
(220528) 2004 EC ₁₁₅	2004 03 14	691	Spacewatch
(220529) 2004 FG ₁₈	2004 03 28	333	Yeung, W. K. Y.
(220530) 2004 FT ₁₈	2004 03 26	695	Deep Lens Survey
(220531) 2004 FS ₂₃	2004 03 17	691	Spacewatch
(220532) 2004 FK ₂₅	2004 03 17	704	LINEAR
(220533) 2004 FC ₃₁	2004 03 29	704	LINEAR
(220534) 2004 FC ₃₄	2004 03 16	704	LINEAR
(220535) 2004 FJ ₃₆	2004 03 16	704	LINEAR
(220536) 2004 FC ₄₁	2004 03 18	704	LINEAR
(220537) 2004 FA ₄₈	2004 03 18	704	LINEAR
(220538) 2004 FE ₅₅	2004 03 19	291	Spacewatch
(220539) 2004 FO ₇₅	2004 03 17	691	Spacewatch
(220540) 2004 FQ ₈₀	2004 03 22	704	LINEAR
(220541) 2004 FX ₁₁₀	2004 03 25	699	LONEOS
(220542) 2004 FL ₁₁₈	2004 03 22	704	LINEAR
(220543) 2004 FF ₁₂₄	2004 03 27	291	Spacewatch
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(220545) 2004 FE ₁₄₂	2004 03 27	704	LINEAR
(220546) 2004 FE ₁₄₈	2004 03 18	704	LINEAR
(220547) 2004 FP ₁₅₈	2004 03 18	691	Spacewatch
(220548) 2004 GW ₅	2004 04 12	644	NEAT
(220549) 2004 GH ₈	2004 04 12	644	NEAT
(220550) 2004 GP ₁₄	2004 04 13	644	NEAT
(220551) 2004 GX ₂₀	2004 04 11	644	NEAT
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(220553) 2004 GM ₃₉	2004 04 15	699	LONEOS
(220554) 2004 GW ₅₉	2004 04 13	691	Spacewatch
(220555) 2004 GG ₈₂	2004 04 13	644	NEAT
(220556) 2004 HN ₃	2004 04 16	644	NEAT
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(220559) 2004 HB ₁₀	2004 04 17	704	LINEAR
(220560) 2004 HV ₁₀	2004 04 17	699	LONEOS
(220561) 2004 HN ₁₇	2004 04 17	704	LINEAR
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(220563) 2004 HT ₁₉	2004 04 20	291	Spacewatch
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(220565) 2004 HD ₂₂	2004 04 16	691	Spacewatch
(220566) 2004 HQ ₂₆	2004 04 20	704	LINEAR
(220567) 2004 HJ ₃₇	2004 04 21	703	CSS
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(220569) 2004 HP ₄₇	2004 04 22	703	CSS
(220570) 2004 HB ₅₂	2004 04 24	691	Spacewatch
(220571) 2004 HE ₅₃	2004 04 25	704	LINEAR
(220572) 2004 HZ ₅₄	2004 04 21	599	CINEOS
(220573) 2004 HF ₅₇	2004 04 21	691	Spacewatch
(220574) 2004 HR ₅₇	2004 04 21	691	Spacewatch

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(220578)	2004 JG	2004 05 08	673	Young, J. W.	(220630)	2004 PQ ₁₀₅	2004 08 13	644	NEAT
(220579)	2004 JX ₅	2004 05 12	704	LINEAR	(220631)	2004 QH ₅	2004 08 21	428	Broughton, J.
(220580)	2004 JU ₇	2004 05 10	291	Spacewatch	(220632)	2004 QT ₁₄	2004 08 21	703	CSS
(220581)	2004 JV ₁₀	2004 05 12	703	CSS	(220633)	2004 QV ₁₉	2004 08 21	703	CSS
(220582)	2004 JU ₂₂	2004 05 10	644	NEAT	(220634)	2004 QC ₂₅	2004 08 30	673	Young, J. W.
(220583)	2004 JF ₂₃	2004 05 13	691	Spacewatch	(220635)	2004 QQ ₂₅	2004 08 26	E12	Siding Spring Survey
(220584)	2004 JF ₂₈	2004 05 15	704	LINEAR	(220636)	2004 RL ₁₉	2004 09 07	691	Spacewatch
(220585)	2004 JG ₂₈	2004 05 15	704	LINEAR	(220637)	2004 RQ ₂₁	2004 09 07	691	Spacewatch
(220586)	2004 JL ₃₆	2004 05 09	691	Spacewatch	(220638)	2004 RM ₃₁	2004 09 07	704	LINEAR
(220587)	2004 JB ₃₉	2004 05 14	704	LINEAR	(220639)	2004 RT ₄₀	2004 09 07	704	LINEAR
(220588)	2004 KM ₁₀	2004 05 21	704	LINEAR	(220640)	2004 RY ₄₀	2004 09 07	691	Spacewatch
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(220590)	2004 KE ₁₅	2004 05 24	704	LINEAR	(220642)	2004 RA ₅₂	2004 09 08	704	LINEAR
(220591)	2004 LB ₄	2004 06 07	703	CSS	(220643)	2004 RR ₅₆	2004 09 08	704	LINEAR
(220592)	2004 LY ₁₄	2004 06 11	644	NEAT	(220644)	2004 RW ₅₇	2004 09 08	704	LINEAR
(220593)	2004 LG ₂₃	2004 06 15	704	LINEAR	(220645)	2004 RR ₆₅	2004 09 08	704	LINEAR
(220594)	2004 NQ ₄	2004 07 12	428	Broughton, J.	(220646)	2004 RN ₆₈	2004 09 08	704	LINEAR
(220595)	2004 NR ₄	2004 07 09	644	NEAT	(220647)	2004 RY ₇₁	2004 09 08	704	LINEAR
(220596)	2004 NK ₆	2004 07 11	704	LINEAR	(220648)	2004 RP ₈₃	2004 09 09	704	LINEAR
(220597)	2004 NP ₁₅	2004 07 11	704	LINEAR	(220649)	2004 RG ₈₆	2004 09 07	704	LINEAR
(220598)	2004 NG ₁₇	2004 07 11	704	LINEAR	(220650)	2004 RU ₉₃	2004 09 08	704	LINEAR
(220599)	2004 NY ₁₈	2004 07 14	704	LINEAR	(220651)	2004 RK ₁₀₁	2004 09 08	704	LINEAR
(220600)	2004 NB ₂₃	2004 07 11	644	NEAT	(220652)	2004 RD ₁₀₄	2004 09 08	644	NEAT
(220601)	2004 OP ₁	2004 07 16	704	LINEAR	(220653)	2004 RH ₁₀₅	2004 09 08	644	NEAT
(220602)	2004 OE ₈	2004 07 16	704	LINEAR	(220654)	2004 RX ₁₂₂	2004 09 07	691	Spacewatch
(220603)	2004 OX ₉	2004 07 20	428	Broughton, J.	(220655)	2004 RG ₁₃₀	2004 09 07	691	Spacewatch
(220604)	2004 PA ₁	2004 08 06	644	NEAT	(220656)	2004 RY ₁₃₈	2004 09 08	644	NEAT
(220605)	2004 PB ₆	2004 08 06	644	NEAT	(220657)	2004 RA ₁₄₅	2004 09 09	704	LINEAR
(220606)	2004 PH ₆	2004 08 06	644	NEAT	(220658)	2004 RO ₁₄₈	2004 09 09	704	LINEAR
(220607)	2004 PY ₆	2004 08 06	644	NEAT	(220659)	2004 RN ₁₅₄	2004 09 10	704	LINEAR
(220608)	2004 PQ ₁₂	2004 08 07	644	NEAT	(220660)	2004 RL ₁₆₃	2004 09 11	704	LINEAR
(220609)	2004 PS ₁₄	2004 08 07	644	NEAT	(220661)	2004 RJ ₁₆₄	2004 09 11	704	LINEAR
(220610)	2004 PY ₁₆	2004 08 07	599	CINEOS	(220662)	2004 RW ₁₆₇	2004 09 07	691	Spacewatch
(220611)	2004 PT ₂₀	2004 08 06	644	NEAT	(220663)	2004 RG ₁₇₉	2004 09 10	704	LINEAR
(220612)	2004 PQ ₂₁	2004 08 08	644	NEAT	(220664)	2004 RU ₁₈₀	2004 09 10	704	LINEAR
(220613)	2004 PC ₃₇	2004 08 09	704	LINEAR	(220665)	2004 RA ₁₈₇	2004 09 10	704	LINEAR
(220614)	2004 PH ₅₄	2004 08 08	699	LONEOS	(220666)	2004 RN ₁₈₇	2004 09 10	704	LINEAR
(220615)	2004 PL ₅₄	2004 08 08	699	LONEOS	(220667)	2004 RQ ₁₉₂	2004 09 10	704	LINEAR
(220616)	2004 PC ₅₇	2004 08 09	704	LINEAR	(220668)	2004 RY ₁₉₇	2004 09 10	704	LINEAR
(220617)	2004 PT ₆₇	2004 08 06	644	NEAT	(220669)	2004 RT ₁₉₈	2004 09 10	704	LINEAR
(220618)	2004 PP ₇₇	2004 08 09	704	LINEAR	(220670)	2004 RF ₂₀₀	2004 09 10	704	LINEAR
(220619)	2004 PJ ₇₈	2004 08 09	704	LINEAR	(220671)	2004 RK ₂₀₁	2004 09 10	704	LINEAR
(220620)	2004 PA ₇₉	2004 08 09	704	LINEAR	(220672)	2004 RR ₂₀₁	2004 09 10	691	Spacewatch
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(220688) 2004 RQ ₂₈₇	2004 09 15	H07	Yeung, W. K. Y.	(220740) 2004 TJ ₂₁	2004 10 03	644	NEAT
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(221321)	2005 VD ₈₆	2005 11 04	G96	Mt. Lemmon Survey	(221373)	2005 XV ₆	2005 12 02	G96	Mt. Lemmon Survey
(221322)	2005 VG ₉₈	2005 11 07	704	LINEAR	(221374)	2005 XH ₅₄	2005 12 05	691	Spacewatch
(221323)	2005 VO ₉₈	2005 11 10	703	CSS	(221375)	2005 XF ₅₅	2005 12 05	704	LINEAR
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(221327)	2005 VY ₁₀₉	2005 11 06	G96	Mt. Lemmon Survey	(221379)	2005 XY ₈₁	2005 12 08	691	Spacewatch
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(221330)	2005 VO ₁₂₄	2005 11 12	691	Spacewatch	(221382)	2005 YE ₂	2005 12 21	691	Spacewatch
(221331)	2005 VG ₁₃₁	2005 11 01	705	Becker, A. C.	(221383)	2005 YP ₁₀	2005 12 21	691	Spacewatch
(221332)	2005 WB ₂	2005 11 22	673	Young, J. W.	(221384)	2005 YA ₁₆	2005 12 22	691	Spacewatch
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(221336)	2005 WE ₈	2005 11 22	644	NEAT	(221388)	2005 YB ₃₄	2005 12 24	691	Spacewatch
(221337)	2005 WG ₁₃	2005 11 22	691	Spacewatch	(221389)	2005 YF ₃₄	2005 12 24	691	Spacewatch
(221338)	2005 WP ₁₅	2005 11 22	691	Spacewatch	(221390)	2005 YS ₃₄	2005 12 24	691	Spacewatch
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(221426) 2005 YZ ₂₀₇	2005 12 30	691	Spacewatch	(221478) 2006 BC ₂₃₄	2006 01 31	691	Spacewatch
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(221437) 2006 AQ ₁₅	2006 01 05	G96	Mt. Lemmon Survey	(221489) 2006 CP ₉	2006 02 04	H07	Yeung, W. K. Y.
(221438) 2006 AK ₁₈	2006 01 05	G96	Mt. Lemmon Survey	(221490) 2006 CO ₁₃	2006 02 01	691	Spacewatch
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(221445) 2006 AM ₆₃	2006 01 06	G96	Mt. Lemmon Survey	(221497) 2006 DW ₃	2006 02 20	703	CSS
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(221447) 2006 AJ ₇₅	2006 01 02	704	LINEAR	(221499) 2006 DL ₂₁	2006 02 20	704	LINEAR
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(221454) 2006 BW ₈	2006 01 23	461	Sárneczky, K.	(221506) 2006 DX ₆₆	2006 02 22	699	LONEOS
(221455) 2006 BC ₁₀	2006 01 23	691	Spacewatch	(221507) 2006 DE ₁₀₂	2006 02 25	691	Spacewatch
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(221512)	2006 EY ₃₆	2006 03 03	G96	Mt. Lemmon Survey	(221564)	2006 UU ₂₈₇	2006 10 29	691	Spacewatch
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(221515)	2006 HX ₁₅₀	2006 04 26	691	Spacewatch	(221567)	2006 UW ₃₃₅	2006 10 19	703	CSS
(221516)	2006 PR ₄	2006 08 13	A74	Suessenberger, U.	(221568)	2006 VQ ₈	2006 11 11	691	Spacewatch
(221517)	2006 RB ₄₆	2006 09 14	691	Spacewatch	(221569)	2006 VD ₂₀	2006 11 09	691	Spacewatch
(221518)	2006 RT ₅₃	2006 09 14	691	Spacewatch	(221570)	2006 VG ₂₈	2006 11 10	691	Spacewatch
(221519)	2006 RO ₉₀	2006 09 15	691	Spacewatch	(221571)	2006 VZ ₄₂	2006 11 13	691	Spacewatch
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(221522)	2006 SK ₁₅₄	2006 09 20	704	LINEAR	(221574)	2006 VX ₆₁	2006 11 11	691	Spacewatch
(221523)	2006 SA ₁₆₁	2006 09 23	691	Spacewatch	(221575)	2006 VX ₆₄	2006 11 11	691	Spacewatch
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(221526)	2006 SN ₃₆₂	2006 09 30	G96	Mt. Lemmon Survey	(221578)	2006 VQ ₈₄	2006 11 13	691	Spacewatch
(221527)	2006 SD ₄₁₁	2006 09 25	G96	Mt. Lemmon Survey	(221579)	2006 VC ₉₂	2006 11 15	691	Spacewatch
(221528)	2006 TG ₁₀	2006 10 14	461	Sárneczky, K., Kuli, Z.	(221580)	2006 VX ₉₅	2006 11 15	704	LINEAR
(221529)	2006 TS ₁₀	2006 10 15	461	Sárneczky, K., Kuli, Z.	(221581)	2006 VR ₁₀₂	2006 11 12	G96	Mt. Lemmon Survey
(221530)	2006 TX ₄₄	2006 10 12	691	Spacewatch	(221582)	2006 VL ₁₀₄	2006 11 13	G96	Mt. Lemmon Survey
(221531)	2006 TR ₅₁	2006 10 12	691	Spacewatch	(221583)	2006 VN ₁₁₂	2006 11 13	644	NEAT
(221532)	2006 TH ₆₀	2006 10 13	691	Spacewatch	(221584)	2006 VK ₁₃₀	2006 11 15	691	Spacewatch
(221533)	2006 TX ₇₂	2006 10 11	644	NEAT	(221585)	2006 VW ₁₃₀	2006 11 15	703	CSS
(221534)	2006 TQ ₈₀	2006 10 13	691	Spacewatch	(221586)	2006 VB ₁₄₃	2006 11 14	691	Spacewatch
(221535)	2006 TU ₈₀	2006 10 13	691	Spacewatch	(221587)	2006 VT ₁₄₆	2006 11 15	G96	Mt. Lemmon Survey
(221536)	2006 TS ₈₁	2006 10 13	691	Spacewatch	(221588)	2006 VT ₁₄₈	2006 11 15	G96	Mt. Lemmon Survey
(221537)	2006 TZ ₈₃	2006 10 13	691	Spacewatch	(221589)	2006 VT ₁₅₀	2006 11 09	644	NEAT
(221538)	2006 TC ₈₆	2006 10 13	691	Spacewatch	(221590)	2006 VK ₁₅₂	2006 11 09	644	NEAT
(221539)	2006 TP ₉₀	2006 10 13	691	Spacewatch	(221591)	2006 VD ₁₅₅	2006 11 11	691	Spacewatch
(221540)	2006 TG ₁₂₈	2006 10 01	691	Spacewatch	(221592)	2006 VJ ₁₆₈	2006 11 02	G96	Mt. Lemmon Survey
(221541)	2006 UZ ₆₁	2006 10 18	408	Nyukasa	(221593)	2006 WG ₁₇	2006 11 17	G96	Mt. Lemmon Survey
(221542)	2006 UB ₆₃	2006 10 22	G96	Mt. Lemmon Survey	(221594)	2006 WN ₃₀	2006 11 18	D35	Chang, M.-T., Ye, Q.-z.
(221543)	2006 UF ₆₉	2006 10 16	703	CSS	(221595)	2006 WE ₃₄	2006 11 16	691	Spacewatch
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(221552)	2006 UZ ₁₅₁	2006 10 20	G96	Mt. Lemmon Survey	(221604)	2006 WP ₁₂₃	2006 11 21	G96	Mt. Lemmon Survey
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(221617)	2006	XO ₄₃	2006 12 12	G96	Mt. Lemmon Survey	(221669)	2007	CP ₅₂	2007 02 10	703	CSS
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(221626)	2006	YS ₁	2006 12 17	G96	Mt. Lemmon Survey	(221678)	2007	DL ₁₀	2007 02 17	691	Spacewatch
(221627)	2006	YX ₆	2006 12 20	644	NEAT	(221679)	2007	DH ₁₁	2007 02 17	691	Spacewatch
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(221630)	2006	YA ₃₅	2006 12 21	691	Spacewatch	(221682)	2007	DK ₂₂	2007 02 17	691	Spacewatch
(221631)	2006	YV ₄₇	2006 12 24	703	CSS	(221683)	2007	DB ₂₃	2007 02 17	691	Spacewatch
(221632)	2006	YX ₅₁	2006 12 27	G96	Mt. Lemmon Survey	(221684)	2007	DS ₂₅	2007 02 17	691	Spacewatch
(221633)	2007	AJ ₃	2007 01 08	691	Spacewatch	(221685)	2007	DL ₂₆	2007 02 17	691	Spacewatch
(221634)	2007	AV ₈	2007 01 10	691	Spacewatch	(221686)	2007	DA ₃₅	2007 02 17	691	Spacewatch
(221635)	2007	AO ₂₂	2007 01 14	408	Nyukasa	(221687)	2007	DW ₃₅	2007 02 17	691	Spacewatch
(221636)	2007	AJ ₂₅	2007 01 15	703	CSS	(221688)	2007	DV ₃₆	2007 02 17	691	Spacewatch
(221637)	2007	AC ₂₉	2007 01 10	G96	Mt. Lemmon Survey	(221689)	2007	DW ₄₂	2007 02 17	703	CSS
(221638)	2007	BO ₄	2007 01 16	704	LINEAR	(221690)	2007	DZ ₄₇	2007 02 21	G96	Mt. Lemmon Survey
(221639)	2007	BA ₁₃	2007 01 17	691	Spacewatch	(221691)	2007	DE ₅₀	2007 02 16	644	NEAT
(221640)	2007	BT ₂₅	2007 01 24	G96	Mt. Lemmon Survey	(221692)	2007	DJ ₅₀	2007 02 16	644	NEAT
(221641)	2007	BC ₂₆	2007 01 24	G96	Mt. Lemmon Survey	(221693)	2007	DM ₅₃	2007 02 19	G96	Mt. Lemmon Survey
(221642)	2007	BH ₄₇	2007 01 26	691	Spacewatch	(221694)	2007	DY ₅₃	2007 02 19	G96	Mt. Lemmon Survey
(221643)	2007	BZ ₄₇	2007 01 26	691	Spacewatch	(221695)	2007	DV ₅₄	2007 02 21	G96	Mt. Lemmon Survey
(221644)	2007	BQ ₅₇	2007 01 24	704	LINEAR	(221696)	2007	DE ₅₉	2007 02 22	691	Spacewatch
(221645)	2007	BK ₅₈	2007 01 24	703	CSS	(221697)	2007	DE ₆₀	2007 02 23	704	LINEAR
(221646)	2007	BX ₅₈	2007 01 24	703	CSS	(221698)	2007	DQ ₆₃	2007 02 21	H55	Charleston
(221647)	2007	BB ₆₀	2007 01 26	699	LONEOS	(221699)	2007	DT ₆₉	2007 02 21	704	LINEAR
(221648)	2007	BZ ₆₈	2007 01 27	G96	Mt. Lemmon Survey	(221700)	2007	DH ₇₁	2007 02 21	691	Spacewatch
(221649)	2007	BJ ₇₄	2007 01 17	691	Spacewatch	(221701)	2007	DZ ₇₅	2007 02 21	691	Spacewatch
(221650)	2007	BD ₇₅	2007 01 28	703	CSS	(221702)	2007	DR ₉₅	2007 02 23	691	Spacewatch
(221651)	2007	BE ₇₅	2007 01 28	G96	Mt. Lemmon Survey	(221703)	2007	DT ₉₆	2007 02 23	691	Spacewatch
(221652)	2007	BM ₇₈	2007 01 25	691	Spacewatch	(221704)	2007	DH ₉₇	2007 02 23	G96	Mt. Lemmon Survey
(221653)	2007	BJ ₁₀₁	2007 01 27	691	Spacewatch	(221705)	2007	DT ₁₀₀	2007 02 25	691	Spacewatch
(221654)	2007	CZ	2007 02 06	691	Spacewatch	(221706)	2007	DH ₁₀₆	2007 02 26	G96	Mt. Lemmon Survey
(221655)	2007	CP ₁	2007 02 06	691	Spacewatch	(221707)	2007	DE ₁₁₁	2007 02 23	G96	Mt. Lemmon Survey
(221656)	2007	CH ₄	2007 02 06	291	Spacewatch	(221708)	2007	DB ₁₁₃	2007 02 17	G96	Mt. Lemmon Survey
(221657)	2007	CS ₉	2007 02 06	644	NEAT	(221709)	2007	DK ₁₁₅	2007 02 17	691	Spacewatch
(221658)	2007	CR ₁₅	2007 02 06	644	NEAT	(221710)	2007	EP ₃	2007 03 09	703	CSS
(221659)	2007	CG ₁₆	2007 02 06	G96	Mt. Lemmon Survey	(221711)	2007	EC ₆	2007 03 09	G96	Mt. Lemmon Survey
(221660)	2007	CC ₁₈	2007 02 08	G96	Mt. Lemmon Survey	(221712)	2007	EA ₁₀	2007 03 10	A13	Kocher, P.
(221661)	2007	CW ₂₂	2007 02 06	G96	Mt. Lemmon Survey	(221713)	2007	EM ₁₀	2007 03 09	691	Spacewatch
(221662)	2007	CC ₂₄	2007 02 08	691	Spacewatch	(221714)	2007	EH ₁₃	2007 03 09	G96	Mt. Lemmon Survey
(221663)	2007	CJ ₄₀	2007 02 07	691	Spacewatch	(221715)	2007	EN ₁₃	2007 03 09	G96	Mt. Lemmon Survey
(221664)	2007	CK ₄₀	2007 02 07	691	Spacewatch	(221716)	2007	EY ₂₂	2007 03 10	G96	Mt. Lemmon Survey
(221665)	2007	CE ₄₂	2007 02 07	G96	Mt. Lemmon Survey	(221717)	2007	EH ₂₄	2007 03 10	G96	Mt. Lemmon Survey
(221666)	2007	CG ₄₂	2007 02 07	G96	Mt. Lemmon Survey	(221718)	2007	EY ₃₃	2007 03 10	G96	Mt. Lemmon Survey

(221719) 2007 EB ₃₄	2007 03 10	G96	Mt. Lemmon Survey	(221771) 2007 GM ₆₂	2007 04 15	291	Spacewatch
(221720) 2007 EF ₃₅	2007 03 11	691	Spacewatch	(221772) 2007 GY ₆₄	2007 04 15	691	Spacewatch
(221721) 2007 EV ₃₇	2007 03 11	G96	Mt. Lemmon Survey	(221773) 2007 GZ ₆₉	2007 04 15	G96	Mt. Lemmon Survey
(221722) 2007 EC ₄₃	2007 03 09	691	Spacewatch	(221774) 2007 GB ₇₆	2007 04 15	691	Spacewatch
(221723) 2007 EH ₄₃	2007 03 09	691	Spacewatch	(221775) 2007 HA ₅	2007 04 19	H07	Yeung, W. K. Y.
(221724) 2007 ES ₄₆	2007 03 09	G96	Mt. Lemmon Survey	(221776) 2007 HL ₄₁	2007 04 20	691	Spacewatch
(221725) 2007 EV ₄₈	2007 03 09	691	Spacewatch	(221777) 2007 HY ₅₃	2007 04 22	691	Spacewatch
(221726) 2007 EY ₅₁	2007 03 11	703	CSS	(221778) 2007 KC	2007 05 16	673	Young, J. W.
(221727) 2007 ED ₅₂	2007 03 11	703	CSS	(221779) 2007 LG ₈	2007 06 09	691	Spacewatch
(221728) 2007 EO ₅₂	2007 03 11	703	CSS	(221780) 2007 MD ₁₁	2007 06 21	G96	Mt. Lemmon Survey
(221729) 2007 EM ₅₃	2007 03 11	G96	Mt. Lemmon Survey	(221781) 2007 RD ₆₂	2007 09 10	G96	Mt. Lemmon Survey
(221730) 2007 EJ ₆₄	2007 03 10	G96	Mt. Lemmon Survey	(221782) 2007 RQ ₁₃₇	2007 09 14	699	LONEOS
(221731) 2007 EE ₆₇	2007 03 10	691	Spacewatch	(221783) 2007 TL ₁₅₉	2007 10 09	704	LINEAR
(221732) 2007 EG ₇₅	2007 03 10	691	Spacewatch	(221784) 2007 TW ₄₀₈	2007 10 14	703	CSS
(221733) 2007 EQ ₇₅	2007 03 10	691	Spacewatch	(221785) 2007 VJ ₆	2007 11 04	G96	Mt. Lemmon Survey
(221734) 2007 ES ₈₅	2007 03 12	691	Spacewatch	(221786) 2007 VA ₈	2007 11 04	G96	Mt. Lemmon Survey
(221735) 2007 EQ ₁₀₁	2007 03 11	691	Spacewatch	(221787) 2007 VZ ₃₀	2007 11 02	691	Spacewatch
(221736) 2007 EH ₁₀₉	2007 03 11	691	Spacewatch	(221788) 2007 YC ₃₀	2007 12 30	703	CSS
(221737) 2007 ED ₁₁₂	2007 03 11	691	Spacewatch	(221789) 2008 AP ₂₁	2008 01 10	G96	Mt. Lemmon Survey
(221738) 2007 EN ₁₁₃	2007 03 12	691	Spacewatch	(221790) 2008 AE ₆₆	2008 01 11	691	Spacewatch
(221739) 2007 EE ₁₂₃	2007 03 14	G96	Mt. Lemmon Survey	(221791) 2008 AN ₁₁₄	2008 01 10	691	Spacewatch
(221740) 2007 EX ₁₂₉	2007 03 09	G96	Mt. Lemmon Survey	(221792) 2008 BY ₉	2008 01 16	691	Spacewatch
(221741) 2007 EW ₁₃₃	2007 03 09	G96	Mt. Lemmon Survey	(221793) 2008 BW ₃₁	2008 01 30	G96	Mt. Lemmon Survey
(221742) 2007 EJ ₁₃₇	2007 03 11	691	Spacewatch	(221794) 2008 BC ₃₄	2008 01 30	691	Spacewatch
(221743) 2007 EU ₁₃₉	2007 03 12	691	Spacewatch	(221795) 2008 BM ₃₆	2008 01 30	691	Spacewatch
(221744) 2007 EQ ₁₄₁	2007 03 12	691	Spacewatch	(221796) 2008 BB ₃₈	2008 01 31	G96	Mt. Lemmon Survey
(221745) 2007 EK ₁₅₃	2007 03 12	G96	Mt. Lemmon Survey	(221797) 2008 BO ₄₇	2008 01 30	G96	Mt. Lemmon Survey
(221746) 2007 ER ₁₆₆	2007 03 11	G96	Mt. Lemmon Survey	(221798) 2008 CC ₇	2008 02 01	691	Spacewatch
(221747) 2007 EU ₁₈₇	2007 03 15	G96	Mt. Lemmon Survey	(221799) 2008 CM ₂₃	2008 02 01	691	Spacewatch
(221748) 2007 ES ₁₉₁	2007 03 13	691	Spacewatch	(221800) 2008 CJ ₄₄	2008 02 02	691	Spacewatch
(221749) 2007 EQ ₁₉₆	2007 03 15	691	Spacewatch	(221801) 2008 CX ₆₅	2008 02 08	G96	Mt. Lemmon Survey
(221750) 2007 ES ₁₉₈	2007 03 15	703	CSS	(221802) 2008 CD ₈₆	2008 02 07	G96	Mt. Lemmon Survey
(221751) 2007 EO ₂₀₂	2007 03 09	G96	Mt. Lemmon Survey	(221803) 2008 CK ₈₉	2008 02 07	691	Spacewatch
(221752) 2007 EA ₂₀₉	2007 03 14	691	Spacewatch	(221804) 2008 CF ₁₂₄	2008 02 07	G96	Mt. Lemmon Survey
(221753) 2007 EE ₂₁₀	2007 03 08	644	NEAT	(221805) 2008 CE ₁₂₆	2008 02 08	691	Spacewatch
(221754) 2007 EX ₂₁₁	2007 03 08	644	NEAT	(221806) 2008 CB ₁₄₅	2008 02 09	691	Spacewatch
(221755) 2007 EC ₂₂₀	2007 03 13	691	Spacewatch	(221807) 2008 CM ₁₅₆	2008 02 09	691	Spacewatch
(221756) 2007 EM ₂₂₁	2007 03 10	G96	Mt. Lemmon Survey	(221808) 2008 CY ₁₉₄	2008 02 13	G96	Mt. Lemmon Survey
(221757) 2007 FF ₇	2007 03 16	699	LONEOS	(221809) 2008 CD ₁₉₆	2008 02 10	G96	Mt. Lemmon Survey
(221758) 2007 FS ₁₂	2007 03 19	703	CSS	(221810) 2008 CJ ₁₉₉	2008 02 13	G96	Mt. Lemmon Survey
(221759) 2007 FZ ₁₂	2007 03 19	703	CSS	(221811) 2008 CW ₂₀₀	2008 02 10	G96	Mt. Lemmon Survey
(221760) 2007 FH ₂₃	2007 03 20	691	Spacewatch	(221812) 2008 DN ₄	2008 02 28	703	CSS
(221761) 2007 FX ₂₅	2007 03 20	G96	Mt. Lemmon Survey	(221813) 2008 DN ₁₆	2008 02 27	703	CSS
(221762) 2007 FK ₂₆	2007 03 20	691	Spacewatch	(221814) 2008 DK ₃₉	2008 02 27	G96	Mt. Lemmon Survey
(221763) 2007 FH ₄₀	2007 03 20	G96	Mt. Lemmon Survey	(221815) 2008 EY ₄	2008 03 03	E16	Tozzi, F.
(221764) 2007 FE ₄₃	2007 03 27	E12	Siding Spring Survey	(221816) 2008 EL ₇	2008 03 01	703	CSS
(221765) 2007 GC ₂₆	2007 04 14	G96	Mt. Lemmon Survey	(221817) 2008 EB ₁₅	2008 03 01	691	Spacewatch
(221766) 2007 GG ₃₀	2007 04 14	G96	Mt. Lemmon Survey	(221818) 2008 ES ₁₅	2008 03 01	691	Spacewatch
(221767) 2007 GT ₃₂	2007 04 15	122	Pises	(221819) 2008 EV ₁₅	2008 03 01	691	Spacewatch
(221768) 2007 GD ₃₄	2007 04 13	E12	Siding Spring Survey	(221820) 2008 EX ₂₁	2008 03 02	691	Spacewatch
(221769) 2007 GQ ₅₁	2007 04 15	B11	Osservatorio Cima Rest	(221821) 2008 EU ₂₈	2008 03 04	G96	Mt. Lemmon Survey
(221770) 2007 GG ₆₀	2007 04 15	691	Spacewatch	(221822) 2008 EP ₃₆	2008 03 03	691	Spacewatch

(221823) 2008 EB ₄₁	2008 03 04	703	CSS	(221875) 2008 HS ₁	2008 04 24	691	Spacewatch
(221824) 2008 EL ₄₆	2008 03 05	G96	Mt. Lemmon Survey	(221876) 2008 HG ₁₂	2008 04 24	703	CSS
(221825) 2008 EG ₅₈	2008 03 07	G96	Mt. Lemmon Survey	(221877) 2008 HG ₁₆	2008 04 25	691	Spacewatch
(221826) 2008 EE ₇₃	2008 03 07	691	Spacewatch	(221878) 2008 HY ₁₆	2008 04 25	291	Spacewatch
(221827) 2008 EO ₇₈	2008 03 07	691	Spacewatch	(221879) 2008 HJ ₁₈	2008 04 26	691	Spacewatch
(221828) 2008 ER ₇₉	2008 03 08	691	Spacewatch	(221880) 2008 HW ₃₂	2008 04 29	G96	Mt. Lemmon Survey
(221829) 2008 EG ₁₀₉	2008 03 07	703	CSS	(221881) 2008 HP ₃₇	2008 04 29	J75	La Sagra
(221830) 2008 EX ₁₁₃	2008 03 08	G96	Mt. Lemmon Survey	(221882) 2008 HY ₃₉	2008 04 26	G96	Mt. Lemmon Survey
(221831) 2008 EZ ₁₂₁	2008 03 09	691	Spacewatch	(221883) 2008 HV ₄₄	2008 04 28	691	Spacewatch
(221832) 2008 EC ₁₄₂	2008 03 12	691	Spacewatch	(221884) 2008 HH ₄₅	2008 04 28	691	Spacewatch
(221833) 2008 ER ₁₅₁	2008 03 08	G96	Mt. Lemmon Survey	(221885) 2008 HA ₅₅	2008 04 29	691	Spacewatch
(221834) 2008 EY ₁₅₁	2008 03 10	691	Spacewatch	(221886) 2008 HJ ₆₁	2008 04 30	G96	Mt. Lemmon Survey
(221835) 2008 EJ ₁₅₈	2008 03 09	691	Spacewatch	(221887) 2008 HW ₆₇	2008 04 30	703	CSS
(221836) 2008 EC ₁₆₀	2008 03 13	691	Spacewatch	(221888) 2008 HM ₆₉	2008 04 26	G96	Mt. Lemmon Survey
(221837) 2008 FO ₁	2008 03 25	691	Spacewatch	(221889) 2008 JR ₁₀	2008 05 03	G96	Mt. Lemmon Survey
(221838) 2008 FE ₂₅	2008 03 27	G96	Mt. Lemmon Survey	(221890) 2008 JX ₁₁	2008 05 03	691	Spacewatch
(221839) 2008 FX ₂₆	2008 03 27	691	Spacewatch	(221891) 2008 JD ₁₅	2008 05 05	G92	Jarnac
(221840) 2008 FH ₃₀	2008 03 28	691	Spacewatch	(221892) 2008 JY ₁₇	2008 05 04	691	Spacewatch
(221841) 2008 FZ ₄₆	2008 03 28	G96	Mt. Lemmon Survey	(221893) 2008 JU ₁₉	2008 05 05	300	BATTeRS
(221842) 2008 FD ₆₂	2008 03 26	G96	Mt. Lemmon Survey	(221894) 2008 JK ₃₅	2008 05 12	E16	Tozzi, F.
(221843) 2008 FZ ₆₅	2008 03 28	G96	Mt. Lemmon Survey	(221895) 2008 JA ₃₆	2008 05 03	G96	Mt. Lemmon Survey
(221844) 2008 FT ₆₇	2008 03 28	691	Spacewatch	(221896) 2008 KO ₉	2008 05 27	691	Spacewatch
(221845) 2008 FK ₇₁	2008 03 29	291	Spacewatch	(221897) 2008 KQ ₁₀	2008 05 29	G96	Mt. Lemmon Survey
(221846) 2008 FR ₈₀	2008 03 27	G96	Mt. Lemmon Survey	(221898) 2008 KN ₁₃	2008 05 27	691	Spacewatch
(221847) 2008 FF ₈₃	2008 03 28	691	Spacewatch	(221899) 2008 KC ₁₇	2008 05 27	691	Spacewatch
(221848) 2008 FB ₁₀₅	2008 03 30	691	Spacewatch	(221900) 2008 KD ₃₁	2008 05 29	691	Spacewatch
(221849) 2008 FQ ₁₀₉	2008 03 31	G96	Mt. Lemmon Survey	(221901) 2008 KZ ₃₂	2008 05 29	G96	Mt. Lemmon Survey
(221850) 2008 FL ₁₁₅	2008 03 31	G96	Mt. Lemmon Survey	(221902) 2008 KL ₃₈	2008 05 30	691	Spacewatch
(221851) 2008 FG ₁₂₅	2008 03 30	691	Spacewatch	(221903) 2008 KY ₃₈	2008 05 30	691	Spacewatch
(221852) 2008 FC ₁₂₈	2008 03 28	691	Spacewatch	(221904) 2008 KN ₄₂	2008 05 31	691	Spacewatch
(221853) 2008 GB	2008 04 01	461	Sárneczky, K.	(221905) 2008 LA ₈	2008 06 04	691	Spacewatch
(221854) 2008 GW	2008 04 02	595	Farra d'Isonzo	(221906) 2008 LN ₉	2008 06 04	691	Spacewatch
(221855) 2008 GJ ₆	2008 04 01	691	Spacewatch	(221907) 2008 LP ₁₀	2008 06 06	691	Spacewatch
(221856) 2008 GA ₈	2008 04 01	691	Spacewatch	(221908) 2008 QQ	2008 08 21	A13	Kocher, P.
(221857) 2008 GF ₁₀	2008 04 01	691	Spacewatch	(221909) 2008 QY ₁₄	2008 08 24	941	Ferrando, R.
(221858) 2008 GS ₁₁	2008 04 01	691	Spacewatch	(221910) 2008 QT ₂₃	2008 08 31	F84	Hoenig, S. F., Teamo, N.
(221859) 2008 GT ₂₀	2008 04 11	703	CSS	(221911) 2008 QX ₄₁	2008 08 27	J75	La Sagra
(221860) 2008 GM ₂₅	2008 04 01	G96	Mt. Lemmon Survey	(221912) 2008 RU ₂₅	2008 09 05	735	Dellinger, J., Sexton, C.
(221861) 2008 GR ₅₉	2008 04 05	691	Spacewatch	(221913) 2008 RS ₂₈	2008 09 02	691	Spacewatch
(221862) 2008 GD ₆₅	2008 04 06	691	Spacewatch	(221914) 2008 RW ₃₃	2008 09 02	691	Spacewatch
(221863) 2008 GD ₇₀	2008 04 06	G96	Mt. Lemmon Survey	(221915) 2008 SH ₈	2008 09 22	704	LINEAR
(221864) 2008 GS ₇₆	2008 04 07	691	Spacewatch	(221916) 2008 SQ ₈₁	2008 09 23	A13	Kocher, P.
(221865) 2008 GV ₇₈	2008 04 07	691	Spacewatch	(221917) 2008 SD ₈₃	2008 09 26	B01	Karge, S., Schwab, E.
(221866) 2008 GB ₈₁	2008 04 07	691	Spacewatch	(221918) 2008 UU ₃₄	2008 10 20	691	Spacewatch
(221867) 2008 GR ₉₀	2008 04 06	G96	Mt. Lemmon Survey	(221919) 2008 WZ ₉₂	2008 11 25	595	Farra d'Isonzo
(221868) 2008 GE ₉₄	2008 04 07	691	Spacewatch	(221920) 2009 KF ₅	2009 05 23	703	CSS
(221869) 2008 GM ₁₁₅	2008 04 11	691	Spacewatch	(221921) 2009 MD ₃	2009 06 17	691	Spacewatch
(221870) 2008 GB ₁₂₂	2008 04 13	691	Spacewatch	(221922) 2009 OJ	2009 07 16	J75	La Sagra
(221871) 2008 GK ₁₂₇	2008 04 14	G96	Mt. Lemmon Survey	(221923) 2009 OD ₃	2009 07 22	D90	Mayhill
(221872) 2008 GO ₁₃₀	2008 04 06	691	Spacewatch	(221924) 2009 OE ₅	2009 07 23	F85	Teamo, N.
(221873) 2008 GA ₁₃₂	2008 04 06	G96	Mt. Lemmon Survey	(221925) 2009 ON ₆	2009 07 26	J75	La Sagra
(221874) 2008 GD ₁₃₂	2008 04 07	691	Spacewatch	(221926) 2009 OA ₉	2009 07 28	J75	La Sagra

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(221927)	2009 OQ ₉	2009 07 27	J75	La Sagra
(221928)	2009 OD ₁₃	2009 07 27	691	Spacewatch
(221929)	2009 OM ₁₃	2009 07 27	691	Spacewatch
(221930)	2009 OH ₁₅	2009 07 29	F85	Teamo, N.
(221931)	2009 OD ₁₈	2009 07 28	691	Spacewatch
(221932)	2009 OL ₁₈	2009 07 28	691	Spacewatch
(221933)	2009 PE	2009 08 01	F84	Teamo, N.
(221934)	2009 PK ₁	2009 08 14	A77	Kugel, F.
(221935)	2009 QF ₂	2009 08 17	106	Crni Vrh
(221936)	2009 QP ₃₅	2009 08 29	J75	La Sagra
(221937)	2066 P-L	1960 09 24	675	van Houten & Gehrels
(221938)	3019 P-L	1960 09 24	675	van Houten & Gehrels
(221939)	6017 P-L	1960 09 24	675	van Houten & Gehrels
(221940)	6508 P-L	1960 09 24	675	van Houten & Gehrels
(221941)	1146 T-2	1973 09 29	675	van Houten & Gehrels
(221942)	1543 T-2	1973 09 29	675	van Houten & Gehrels
(221943)	1190 T-3	1977 10 17	675	van Houten & Gehrels
(221944)	2339 T-3	1977 10 16	675	van Houten & Gehrels
(221945)	3227 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 (2009 June 18.0 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>
(219019)	16.1	94.65592	253.16678	332.65730	10.94175	0.2163152	2.7055423160925	
(219020)	15.4	88.74553	14.43237	226.35701	10.88887	0.0770795	3.0196341160925	
(219021)	17.7	253.23206	203.76538	281.07341	53.16281	0.7326614	1.3567104160925	
(219022)	16.1	220.74641	280.01477	211.11920	6.97820	0.1703423	2.7872912160926	
(219023)	15.8	336.55613	1.34882	4.21518	9.04193	0.2417123	3.0672541160926	
(219024)	15.2	328.98219	337.69996	30.25312	13.70333	0.1877175	3.0922876160926	
(219025)	15.5	292.94725	234.91668	191.63995	18.49997	0.2001678	3.0938040160926	
(219026)	16.1	353.99030	195.09509	135.73547	3.64444	0.0745997	2.7369322160927	
(219027)	16.8	295.19064	39.71760	18.44599	3.98520	0.0887569	2.6907705160927	
(219028)	17.4	101.74142	344.99195	225.11201	4.15461	0.1722749	2.3295664160927	
(219029)	17.2	318.52374	302.54033	93.75978	2.28733	0.1953539	2.4092041160928	
(219030)	16.1	96.73926	89.06019	7.04290	12.14454	0.1595465	2.6247959160928	
(219031)	15.8	288.06446	291.71361	128.21699	7.02009	0.1885490	3.0113171160928	
(219032)	18.0	67.93533	329.18233	290.68305	2.01014	0.1074343	2.1722430160928	
(219033)	15.3	339.62760	1.31428	27.19069	5.74128	0.1367012	3.1262169160929	
(219034)	16.1	182.11584	65.18679	126.21208	2.88578	0.1226894	3.1387845160929	
(219035)	16.2	349.63494	277.96750	108.45334	0.83723	0.1767100	2.5302718160929	
(219036)	16.1	251.91222	43.73967	62.78149	4.90392	0.1506414	3.1729038160930	
(219037)	16.6	295.93715	248.68238	171.72751	9.35738	0.0371927	2.7108266160930	
(219038)	16.1	3.82932	350.23398	350.69616	23.86855	0.1814509	2.2874618160930	
(219039)	17.1	259.87650	71.05499	14.30706	3.99900	0.1543180	2.3251232160930	
(219040)	16.7	266.21216	327.80962	121.28357	0.83475	0.0334008	2.7659068160931	
(219041)	16.5	17.57054	281.85796	15.33537	12.83155	0.2250988	2.8061465160931	
(219042)	16.1	5.29507	128.74036	210.96456	2.63844	0.1200722	2.7958469160931	
(219043)	18.1	347.40121	156.96385	148.68527	2.93470	0.2360798	2.3317556160931	
(219044)	16.2	209.37739	140.09068	347.67020	4.48938	0.1019946	2.7873026160932	
(219045)	15.8	9.22831	142.36777	205.31365	5.34515	0.0958947	2.7679856160932	
(219046)	17.5	300.58099	36.06918	346.67343	1.29360	0.2344635	2.3291060160932	
(219047)	18.1	19.08347	80.37905	198.72645	6.21900	0.1816428	2.3292078160932	

(219048)	17.3	323.21492	225.89108	162.93724	3.05645	0.2192219	2.3090037160933	
(219049)	17.6	305.70593	297.46588	84.67384	3.72965	0.2310730	2.3332668160933	
(219050)	16.8	23.72556	98.30949	185.64040	5.37785	0.1830864	2.3623699160933	
(219051)	17.1	166.55927	255.08230	287.36447	3.82953	0.0744585	2.3359996160934	
(219052)	15.6	321.30180	173.45499	206.97249	6.28923	0.1051060	2.8711819160934	
(219053)	16.9	137.02267	248.53953	287.12904	6.24830	0.0770271	2.4464322160934	
(219054)	15.0	132.66758	292.91867	272.76663	9.09388	0.0468563	3.0196259160934	
(219055)	15.3	84.46505	137.91421	105.10210	6.89215	0.0128719	3.0573478160934	
(219056)	17.1	257.06197	102.97604	341.96937	3.22729	0.1068775	2.4160911160935	
(219057)	12.4	353.70918	6.91753	12.64256	12.31587	0.0788795	5.2268485160935	
(219058)	17.1	290.61227	46.74258	5.00739	5.14899	0.1229066	2.2079860160935	
(219059)	16.5	348.53098	9.01267	356.85635	1.33352	0.1384264	2.6691677160936	
(219060)	16.3	258.29645	349.65464	120.35172	4.18108	0.0956809	2.6528187160936	
(219061)	15.6	312.62917	57.90437	6.88202	5.67089	0.2064481	2.6216563160936	
(219062)	16.6	293.12459	60.51121	48.06663	4.23814	0.1212248	2.6306891160936	
(219063)	16.8	301.06044	30.84377	64.01309	5.75192	0.0996565	2.6451397160937	
(219064)	16.9	35.29932	271.37756	27.77533	3.05574	0.1904777	2.3060739160937	
(219065)	16.0	323.11166	195.21548	178.97712	2.12041	0.0710429	2.8869284160937	
(219066)	17.0	142.50010	228.10933	326.76028	5.23312	0.1705232	2.3233542160937	
(219067)	16.6	129.38924	104.05036	118.58911	2.38039	0.1866057	2.3607470160938	
(219068)	16.4	349.47937	96.38138	211.29279	12.40703	0.1708437	2.5898803160938	
(219069)	16.5	251.26338	96.76261	357.84002	9.77395	0.0966988	2.5134952160938	
(219070)	13.2	234.44018	308.48974	209.10425	1.04353	0.0419008	5.2209197160939	
(219071)	17.3	107.37369	357.33585	212.25773	20.01621	0.2818954	1.0526733160939	
(219072)	15.4	301.88837	212.86481	237.38967	8.57221	0.2415703	2.5302373160940	
(219073)	16.4	322.35159	38.37363	328.60755	1.42050	0.0915474	2.6635283160941	
(219074)	16.7	330.06684	52.64913	317.00634	5.34558	0.1368990	2.6702849160941	
(219075)	16.3	266.88994	109.91362	348.80600	2.34395	0.1231136	2.6173709160941	
(219076)	16.2	273.67319	136.21267	328.33504	5.84932	0.2177617	2.6054900160942	
(219077)	15.2	298.80800	286.69169	155.82594	12.40823	0.2689711	2.6104201160942	
(219078)	16.1	314.84095	352.95045	50.29354	3.85692	0.0315665	2.6922750160942	
(219079)	16.1	201.66195	344.67488	177.97787	9.37278	0.0904625	2.7449811160943	
(219080)	17.8	161.26553	263.40723	287.34330	2.48256	0.1498587	2.2053439160943	
(219081)	16.6	349.92523	34.48601	313.73221	3.40886	0.2784114	2.3496202160943	
(219082)	15.5	338.66714	215.35120	166.40913	6.16534	0.3342245	3.0943352160943	
(219083)	16.4	235.57982	298.01111	175.40247	9.96841	0.0576922	3.1072021160944	
(219084)	16.6	355.90681	294.93845	19.90600	1.51081	0.1949006	2.3894335160944	
(219085)	14.5	332.58789	15.49075	325.77300	16.67609	0.2767483	3.1802544160944	
(219086)	14.5	345.71037	145.95277	231.68364	16.23713	0.2023153	3.0581925160945	
(219087)	15.0	334.32825	190.52521	201.83967	14.28202	0.2814222	3.0843545160945	
(219088)	14.3	348.20537	331.39852	5.95265	22.47158	0.0722956	3.1609464160945	
(219089)	16.7	8.79581	286.83428	16.86041	5.35024	0.2376074	2.3617761160946	
(219090)	15.0	42.57331	61.87176	240.13633	5.86363	0.1704469	3.0446185160946	
(219091)	16.6	348.96244	108.80522	244.73497	11.41200	0.2130587	2.3526994160946	
(219092)	16.2	236.85397	105.19002	14.94947	1.10460	0.1326640	3.0987606160946	
(219093)	15.9	7.07799	131.40198	200.61151	6.84036	0.3243252	2.3538329160947	
(219094)	14.6	355.01616	294.58675	37.88906	10.18020	0.1022828	3.1739314160947	
(219095)	14.9	326.34039	197.54642	203.09045	29.40357	0.2365586	3.1462356160947	
(219096)	15.6	21.40530	87.15051	231.55934	23.04369	0.2687897	2.3444294160948	
(219097)	17.3	323.73223	327.06304	29.37502	2.89798	0.2057471	2.4145173160948	
(219098)	14.9	203.69385	324.92542	175.61003	19.38963	0.1940474	3.1327874160948	
(219099)	17.5	296.12714	353.39837	49.53248	0.17170	0.1273241	2.3956983160949	

(219100)	15.1	334.31984	31.51385	13.61182	16.46157	0.1162350	3.0625446160949	(219152)	16.9	319.31709	44.38817	320.08653	26.24011	0.2281245	2.2288825160964
(219101)	17.0	339.48147	236.94939	127.70771	3.13239	0.2293351	2.3634886160949	(219153)	16.9	345.38523	324.61089	15.17755	3.91931	0.1867196	2.2356252160965
(219102)	16.5	296.15617	230.70293	189.77681	11.96597	0.2118372	2.3812970160949	(219154)	16.6	348.59167	10.27781	336.99485	6.49495	0.1943662	2.2017096160965
(219103)	16.3	24.07605	49.55752	267.02775	0.63811	0.0660705	3.1100863160950	(219155)	17.4	345.42754	138.02339	209.31995	6.34983	0.1617437	2.2158366160965
(219104)	15.2	307.71696	54.47825	0.07709	13.48895	0.0655564	3.0794765160950	(219156)	16.8	346.23613	152.70570	198.11719	5.23865	0.2080655	2.2085963160965
(219105)	16.1	52.73437	108.65542	176.26828	1.07789	0.1347815	3.0531370160950	(219157)	17.3	330.87741	345.76959	2.39998	4.78809	0.2309719	2.2402246160966
(219106)	16.1	44.05606	93.78391	211.01190	1.98152	0.0983593	3.1413328160951	(219158)	14.7	310.46834	153.33599	239.25356	9.93798	0.0962283	2.9660105160966
(219107)	16.2	323.59315	35.70076	9.87931	2.63571	0.0467978	3.0415059160951	(219159)	16.9	352.23690	15.24718	308.42513	6.50136	0.1427707	2.2354096160967
(219108)	16.9	237.14300	282.14594	207.65121	4.52464	0.1835383	2.3934730160951	(219160)	16.6	359.76391	12.44604	321.35451	6.74876	0.1929835	2.2152511160967
(219109)	15.9	351.59201	338.96950	27.43657	13.74820	0.2915239	2.3585071160951	(219161)	15.0	11.34999	105.03636	230.29088	7.36852	0.1713723	2.8688225160967
(219110)	16.8	298.15704	16.90741	33.38021	5.06534	0.1455139	2.3936490160952	(219162)	16.2	75.55726	195.62736	89.22432	2.92962	0.1999942	2.1448907160968
(219111)	14.3	25.08437	302.89511	27.15944	17.72091	0.2327315	3.0808364160952	(219163)	16.9	332.45001	269.18750	85.66928	7.40198	0.2172545	2.2403304160968
(219112)	16.1	287.98128	256.91500	178.49071	8.33946	0.1676657	2.3828942160952	(219164)	16.8	332.46671	117.85684	252.50206	4.48684	0.1693567	2.2394510160968
(219113)	15.2	324.77254	355.35106	17.36672	11.64508	0.1667369	3.1519158160953	(219165)	16.0	288.77916	186.71687	228.00508	1.09059	0.2164857	2.9967871160969
(219114)	17.6	347.98121	7.17789	338.99221	1.87273	0.2248094	2.3730756160953	(219166)	16.5	287.55841	187.62421	225.24595	1.31919	0.1067567	2.9505281160969
(219115)	15.5	322.60315	9.70979	23.59307	5.76274	0.1394915	3.1232176160953	(219167)	16.6	306.27227	43.28549	5.56289	3.89631	0.1175464	2.2313439160969
(219116)	15.5	349.03310	304.82917	48.54182	5.53784	0.2432916	3.1218087160954	(219168)	17.7	225.42132	5.84870	108.96030	2.19133	0.1034671	2.2866743160970
(219117)	15.1	336.98598	180.46631	200.03529	10.43733	0.1874860	3.1196774160954	(219169)	17.7	336.44055	17.90767	321.08250	2.38175	0.2048880	2.2408966160970
(219118)	14.7	347.79650	359.55718	25.66254	10.88178	0.1290520	3.0688147160954	(219170)	16.2	0.60615	26.96309	321.03467	1.82561	0.0747650	2.9533364160970
(219119)	15.7	333.75033	178.57218	196.99177	4.97518	0.1695270	3.1373987160955	(219171)	16.3	8.10315	106.79503	242.42600	0.88037	0.0868486	2.9515838160970
(219120)	16.7	307.83775	351.74015	40.87088	3.84401	0.1925778	2.3937788160955	(219172)	17.8	238.85151	90.20097	29.44434	3.54938	0.0988325	2.2205732160971
(219121)	16.4	340.95715	353.48763	2.79666	7.66235	0.1746922	2.3822996160955	(219173)	15.1	302.69351	176.03106	218.56527	7.68781	0.1136165	2.9896492160971
(219122)	15.9	331.67345	202.74365	195.94652	14.30168	0.1008310	3.0852469160955	(219174)	16.8	282.25399	69.07880	354.77746	6.82258	0.1461197	2.2323252160971
(219123)	16.7	39.83444	323.39902	319.61301	1.94115	0.2184652	2.3959458160956	(219175)	16.8	307.84214	44.20783	353.30064	4.41132	0.1332461	2.2360449160971
(219124)	15.8	307.54811	33.81993	14.52612	10.13093	0.0600996	3.1033197160956	(219176)	15.3	298.28056	143.82754	227.32665	8.33116	0.0857855	3.0480118160972
(219125)	13.0	337.40374	336.34078	64.65551	6.86697	0.0919541	5.0626328160956	(219177)	17.1	326.87292	332.67793	25.36709	6.80311	0.2192407	2.2565090160972
(219126)	16.9	333.18332	338.73710	61.26668	2.22580	0.2296084	2.3724253160956	(219178)	14.8	15.46037	103.47145	229.92692	8.87809	0.0841767	2.9659135160972
(219127)	15.5	321.03097	34.58831	33.25962	18.95059	0.3245473	3.1040207160957	(219179)	16.5	257.32148	95.52879	331.09848	5.60185	0.0808723	2.2666214160973
(219128)	15.3	309.01188	146.90944	232.77893	23.17858	0.2648533	2.4216510160957	(219180)	14.6	338.09466	128.55749	239.00548	10.76903	0.0440592	2.9697963160973
(219129)	17.1	325.81198	157.62704	219.27848	2.55891	0.2325399	2.3844315160957	(219181)	16.9	343.06012	330.56533	20.29684	7.78615	0.1718804	2.2545305160973
(219130)	14.6	328.91270	161.28680	211.43900	19.93687	0.1848870	3.1818008160958	(219182)	15.2	353.69360	115.98291	238.44019	4.61986	0.1668019	2.9469431160974
(219131)	14.3	5.89305	302.50040	41.79317	16.78700	0.2987382	3.1079096160958	(219183)	16.2	275.62133	81.93097	329.91842	21.67950	0.2321300	2.2739167160974
(219132)	16.3	314.91037	110.86191	293.17165	4.03404	0.2554801	2.3949812160958	(219184)	14.6	268.19004	132.65313	337.62420	12.43411	0.2670596	3.0470525160974
(219133)	14.4	352.44639	163.91118	226.52468	16.00360	0.1211328	3.0985733160959	(219185)	15.5	288.46294	82.12156	355.84450	4.56331	0.0945160	2.9455384160975
(219134)	15.7	264.01324	30.99470	82.62330	1.68271	0.1611894	3.1798118160959	(219186)	17.1	339.90959	120.49034	228.45645	4.29571	0.1938485	2.2454876160975
(219135)	16.9	151.38410	159.97624	38.52429	3.11687	0.1178793	2.4049210160959	(219187)	17.6	334.76175	159.08630	214.64737	2.06542	0.1694351	2.2296626160976
(219136)	16.9	197.58711	93.28064	53.63341	2.13582	0.1333860	2.4451458160959	(219188)	15.4	280.58903	118.05286	237.88476	23.81682	0.2401939	2.3605884160976
(219137)	17.1	320.30102	314.52959	77.05682	3.28942	0.2070856	2.4271231160960	(219189)	16.9	323.01005	328.18145	55.02545	3.44637	0.1821717	2.2384497160976
(219138)	14.2	16.27101	286.59902	64.54980	21.79464	0.2394318	3.1160431160960	(219190)	16.8	351.50849	332.23671	351.90267	5.49716	0.1635693	2.2560973160976
(219139)	13.7	272.40251	78.63248	37.56995	3.65484	0.1471082	5.1479073160960	(219191)	16.8	10.23355	105.68631	220.81336	1.03055	0.2480751	2.9628607160977
(219140)	13.4	312.62046	188.70313	229.44327	1.94045	0.0915311	5.2411749160961	(219192)	16.2	244.51438	56.47876	347.79439	22.94821	0.0549528	1.9065800160977
(219141)	12.9	302.03818	8.31584	71.20899	8.84435	0.0313899	5.1825325160961	(219193)	15.6	275.44176	38.24018	13.71655	23.69225	0.1883864	2.3015557160978
(219142)	16.5	279.83077	339.84439	101.12987	4.77657	0.1756607	2.4199737160961	(219194)	16.1	343.64475	340.57559	1.32065	11.95314	0.0822802	2.9596176160978
(219143)	15.8	312.47757	38.31852	77.87908	24.56011	0.2038986	2.3405002160961	(219195)	17.4	324.93736	159.47821	196.37086	7.00483	0.1547760	2.2549608160978
(219144)	15.0	297.04645	340.83988	65.68716	6.57287	0.0452187	3.2621296160962	(219196)	17.6	357.86725	282.02779	42.72825	3.98204	0.1718750	2.2543261160978
(219145)	14.9	131.81514	243.74357	299.33520	11.16400	0.1972484	2.5870255160962	(219197)	15.7	288.39089	168.80882	262.89178	3.01817	0.2204602	2.9909340160979
(219146)	15.4	116.38665	33.88680	188.38343	11.02201	0.2057581	2.6416175160962	(219198)	14.7	335.75257	123.18149	244.90179	8.16723	0.0713928	2.9988088160979
(219147)	16.3	328.54724	353.63720	36.81821	12.26452	0.0792060	2.6201422160963	(219199)	17.4	332.29383	11.71052	5.72865	5.64693	0.1422753	2.2342190160979
(219148)	15.9	139.45684	174.96296	36.22022	9.85260	0.1837044	2.6313960160963	(219200)	18.4	21.06332	142.39667	169.08520	1.94785	0.1816057	2.2533051160980
(219149)	15.6	247.14309	163.08803	300.37263	6.70087	0.1357428	2.8080341160963	(219201)	15.1	306.56784	336.29769	90.64016	5.76897	0.2548721	2.9901958160980
(219150)	16.6	339.63624	350.93102	8.09707	6.49281	0.1452336	2.2262325160964	(219202)	16.9	286.45032	296.88574	114.02191	3.43482	0.2182505	2.2787785160980
(219151)	15.6	335.75113	280.10434	103.77107	4.15446	0.2518179	2.8813600160964	(219203)	16.5	311.90259	106.69452	288.08577	2.05686	0.0292427	2.9800539160981

(219204)	14.3	354.04904	290.91831	58.53280	11.47446	0.1815684	3.0141362160981	(219256)	14.7	251.30056	334.43582	126.10120	7.16343	0.0244896	3.2223315160997
(219205)	16.4	52.61599	275.46100	27.94010	5.84735	0.1582403	2.2110390160981	(219257)	14.3	341.53453	98.79078	296.21114	11.24594	0.2086707	2.9920679160998
(219206)	17.2	343.66669	306.42518	21.67947	6.76181	0.1405418	2.2741212160982	(219258)	16.9	241.47507	146.72414	299.38632	17.49698	0.1118821	1.8987015160998
(219207)	15.0	359.36197	288.27840	29.89349	9.29127	0.1419992	3.0590648160982	(219259)	16.0	312.99466	40.05448	3.36693	0.37719	0.0616826	3.1382566160998
(219208)	16.1	265.30291	59.05780	6.55487	8.97605	0.0856542	2.2873620160983	(219260)	16.7	249.07286	175.54814	290.09714	2.42732	0.1140858	2.3242053160998
(219209)	15.4	295.64224	188.51653	219.66871	8.84378	0.0846994	3.0167984160983	(219261)	16.6	322.82153	53.91977	340.65639	2.97686	0.1703561	2.2789252160999
(219210)	15.2	347.63058	145.67895	220.69353	9.71221	0.1061146	2.9714078160983	(219262)	14.5	347.82601	240.91297	128.29976	11.99157	0.2650433	3.0741047160999
(219211)	15.4	107.46313	199.73952	33.83537	12.72128	0.0238037	2.9607257160984	(219263)	14.4	7.95706	51.25778	297.57026	8.34815	0.0911243	3.1046748160999
(219212)	17.6	115.23938	8.17319	196.14534	2.29205	0.0907021	2.3173047160984	(219264)	14.8	247.51731	154.02301	277.11037	17.13386	0.1556590	3.2088066161000
(219213)	15.7	214.85476	186.19421	46.80232	8.02826	0.0330779	2.7345023160984	(219265)	15.5	302.42421	22.15692	58.64648	2.38513	0.2166993	3.0210920161000
(219214)	15.9	335.83328	204.29995	204.51371	5.47705	0.2375772	2.8901589160984	(219266)	16.9	256.47449	193.11523	265.67351	2.82479	0.1801915	2.3181735161000
(219215)	16.1	337.32426	309.48647	76.79825	2.23415	0.1185731	2.9650894160985	(219267)	15.0	270.90480	205.06890	241.34996	11.72172	0.2261314	3.1017629161001
(219216)	15.0	27.01353	237.82764	58.40584	6.88105	0.1671851	3.0601314160985	(219268)	14.3	315.03447	141.92946	275.03014	14.29325	0.1580887	3.0955078161001
(219217)	14.9	332.84723	300.21403	60.86442	10.77413	0.1438202	3.0612154160985	(219269)	15.1	272.28236	273.42508	179.91142	14.55626	0.1968453	3.0930132161002
(219218)	15.7	351.43490	112.67231	228.20801	3.57603	0.1960012	3.0421214160986	(219270)	17.2	261.20624	150.10682	309.56297	2.33530	0.1247534	2.3194591161002
(219219)	16.0	342.02918	336.56672	14.58313	8.79316	0.0997725	2.9997167160986	(219271)	16.2	232.52722	144.59951	341.92077	1.73091	0.1258065	3.1565023161002
(219220)	16.0	332.90496	300.85235	82.78758	3.01599	0.1040652	2.9909733160986	(219272)	16.2	253.95312	344.18030	141.34693	1.01268	0.1759558	3.0953075161003
(219221)	16.2	265.62932	268.43664	195.29460	2.32584	0.3167150	3.0214709160987	(219273)	16.0	175.43701	340.15045	205.23732	6.98106	0.2158681	2.3585612161003
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(219224)	15.2	311.16804	340.98562	62.77997	9.95224	0.1466804	3.0388721160987	(219276)	16.9	217.36764	71.16292	65.69399	3.31981	0.1451707	2.3320536161004
(219225)	16.2	291.04298	44.69551	16.56501	1.78460	0.0589535	3.0040721160988	(219277)	16.9	303.84284	105.28717	295.07368	1.85155	0.0359636	2.3445752161004
(219226)	17.2	342.76830	291.98904	44.89487	5.53653	0.1685194	2.2825998160988	(219278)	16.6	252.67862	254.70205	202.86942	3.85835	0.1136016	2.3436525161005
(219227)	17.7	341.07560	276.51425	89.29383	4.00626	0.1303445	2.2536489160988	(219279)	16.4	69.36377	329.99548	278.07503	19.01398	0.1173514	1.9329526161005
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(219230)	16.5	344.33724	284.99207	39.88432	12.64692	0.2603839	2.2714062160989	(219282)	16.4	249.31285	291.83218	169.78458	0.62930	0.1167674	3.2471521161006
(219231)	16.6	330.32183	333.10219	31.44756	5.86830	0.1573026	2.2634837160989	(219283)	15.8	193.96948	160.08202	344.08763	11.45777	0.1821334	2.4001169161006
(219232)	14.6	136.53857	314.46428	251.94414	10.37126	0.0298593	3.0590618160990	(219284)	17.1	225.75252	46.96518	96.90174	0.54365	0.1470182	2.3148520161006
(219233)	15.2	299.35350	350.00397	60.58638	15.22301	0.1927347	3.0225151160990	(219285)	16.2	276.13604	242.35826	200.66911	0.34988	0.1366694	3.1797977161007
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(219724)	16.4	252.01258	239.41345	223.22642	6.04096	0.0274736	2.6016108161168	(219776)	16.2	217.01157	127.06171	2.83520	3.76815	0.1062699	2.7660573161189
(219725)	16.6	330.39075	147.26427	229.87041	3.11631	0.1910026	2.5775798161168	(219777)	15.4	187.76647	220.49503	284.33613	14.45967	0.0888786	2.7563358161189
(219726)	15.9	54.33165	68.10227	219.10042	4.22942	0.0456960	2.6249960161169	(219778)	15.8	301.67401	118.04944	328.78930	27.32586	0.3829311	2.6099904161189
(219727)	16.7	324.21696	295.78699	97.51150	3.62677	0.2168836	2.5652525161169	(219779)	15.3	285.87321	332.26155	125.04048	13.62732	0.2511934	2.6426528161190
(219728)	15.8	28.37054	60.58822	252.75316	7.81801	0.0655230	2.6271653161170	(219780)	15.8	327.80343	333.69627	38.18216	13.62260	0.2966596	2.6451307161190
(219729)	16.2	310.98603	236.86487	164.70871	2.59091	0.0792453	2.6183505161170	(219781)	15.9	336.99460	207.22861	194.36841	4.16563	0.2715026	2.5744948161190
(219730)	15.5	35.53746	243.16019	87.47990	3.75777	0.1908417	2.5419531161170	(219782)	15.9	189.11890	189.60015	328.92033	7.72857	0.2356698	2.7834962161191
(219731)	15.7	352.23772	244.04372	82.29619	9.68587	0.1929066	2.6755222161171	(219783)	15.3	257.99281	118.41211	353.07477	11.51977	0.1108198	2.6799904161191
(219732)	15.6	278.67449	198.56826	252.80564	9.82403	0.1301103	2.6017153161171	(219784)	16.2	202.34218	252.40922	262.02781	2.04720	0.1301560	2.7147337161191
(219733)	16.3	276.67037	354.31691	96.32498	4.11561	0.1270646	2.6099518161172	(219785)	16.0	302.79870	206.11675	206.74477	0.90820	0.3339619	2.6704776161192
(219734)	16.6	331.92462	249.69634	123.92088	2.55970	0.2243405	2.6039158161172	(219786)	16.3	335.89518	353.00621	55.69877	3.47482	0.2365313	2.5520934161192
(219735)	16.3	265.04244	194.34928	244.38310	3.67628	0.0795325	2.6714105161172	(219787)	16.7	275.38458	292.97985	173.67587	5.15151	0.1856926	2.6006114161193
(219736)	16.5	326.15933	163.00099	196.61507	1.78804	0.3222891	2.6292859161173	(219788)	15.8	342.92011	178.61347	203.15292	4.58876	0.2962824	2.5853759161193
(219737)	15.8	254.98661	205.62029	242.49177	4.64029	0.0280594	2.7122910161173	(219789)	16.0	278.18696	229.25753	190.71588	4.53661	0.1031767	2.7332265161193
(219738)	15.4	313.03398	285.29960	118.66846	10.31396	0.1994771	2.6410524161174	(219790)	16.1	316.93130	273.29854	148.90008	5.83779	0.2629902	2.5841987161194
(219739)	15.8	291.21721	307.58542	113.42995	3.41296	0.1310748	2.6816010161174	(219791)	16.5	329.41253	47.20426	333.10878	2.18785	0.2780104	2.6281629161194
(219740)	16.3	234.00698	252.65481	204.58161	4.34370	0.1236663	2.7121679161175	(219792)	16.5	354.03773	1.01196	60.16366	3.35024	0.1488740	2.5240918161194
(219741)	16.6	349.68232	336.84320	17.69365	0.52531	0.1866326	2.5761034161175	(219793)	16.3	294.48593	96.07839	309.03488	3.73797	0.1546387	2.7027850161195
(219742)	16.1	346.11871	276.21698	58.40879	15.88379	0.2682343	2.6131225161175	(219794)	15.5	318.52222	279.04314	111.70034	7.94022	0.1474768	2.6786039161195
(219743)	15.3	356.63719	84.07929	267.95002	6.16237	0.2147201	2.5761100161176	(219795)	15.6	315.26405	285.24728	120.77708	13.56236	0.2505734	2.6512007161195
(219744)	15.8	338.85252	85.67165	312.06584	1.03052	0.2047673	2.5565568161176	(219796)	16.4	262.23627	132.98168	300.39287	6.19947	0.1617521	2.7276264161196
(219745)	15.6	247.66881	160.97514	270.10869	11.99772	0.1755930	2.7327264161177	(219797)	16.5	256.94873	352.20012	90.95051	2.99252	0.0982154	2.7282074161196
(219746)	16.1	338.05687	4.43046	16.12188	2.76497	0.3006372	2.5735417161177	(219798)	16.8	280.36526	304.74123	137.66510	3.15756	0.1283791	2.6461423161196
(219747)	15.9	266.39948	193.45723	276.45654	2.95511	0.2170895	2.6064549161177	(219799)	15.6	313.38525	119.53421	276.41078	5.06276	0.0529418	2.6959613161197
(219748)	15.8	264.99367	272.90368	175.41852	16.81501	0.2781224	2.6338916161178	(219800)	16.1	4.60308	212.10867	137.23078	3.44896	0.1164970	2.6762911161197
(219749)	16.3	337.91226	173.61065	199.77582	11.06523	0.2598778	2.5502025161178	(219801)	16.6	308.58057	135.98793	265.75272	0.56126	0.2103396	2.6673965161197
(219750)	15.7	340.12931	255.37076	108.45831	14.96313	0.1090637	2.7122016161179	(219802)	16.5	332.45609	2.28424	51.21505	3.06018	0.2336576	2.5639148161198
(219751)	15.4	357.79826	244.96408	106.65744	13.41850	0.1197149	2.6250536161179	(219803)	15.7	344.50798	82.02544	317.56855	3.42831	0.2806416	2.5883794161198
(219752)	17.3	307.06292	183.88431	217.34670	0.26912	0.2142530	2.6061582161179	(219804)	15.6	320.08515	68.15644	357.17298	5.39027	0.2967957	2.6045925161198
(219753)	15.7	322.12370	313.71943	82.39837	16.15786	0.1986777	2.5847922161180	(219805)	16.2	259.33850	156.86671	304.19228	4.09308	0.0715879	2.7172945161199
(219754)	16.2	344.65892	279.56753	69.77683	13.93620	0.2476365	2.5966246161180	(219806)	16.0	310.02782	155.20296	258.18564	2.23647	0.1998336	2.6777697161199
(219755)	16.9	340.63947	315.93110	40.83415	2.87052	0.2487287	2.5910283161180	(219807)	16.5	291.46755	100.94475	319.95344	4.28287	0.1345953	2.7003596161199
(219756)	16.3	307.33955	111.10305	262.97512	5.02172	0.0481560	2.6834587161181	(219808)	15.0	329.53759	62.53447	331.73908	14.27540	0.1106955	2.5985614161200
(219757)	16.3	307.18291	315.51365	66.05437	7.16826	0.0839205	2.6741086161181	(219809)	16.0	286.15599	96.31716	328.69699	11.52631	0.1619650	2.6858072161200
(219758)	16.4	255.53995	121.47418	350.13021	1.96054	0.1027215	2.6052210161181	(219810)	15.7	285.46778	355.43750	64.57613	9.47504	0.2053652	2.7181136161200
(219759)	15.3	351.80144	76.31553	300.17283	3.07864	0.2687981	2.5445838161182	(219811)	15.4	314.60369	223.32362	199.08636	12.87765	0.2450470	2.6066969161201
(219760)	15.7	318.90283	317.88615	69.14506	5.31972	0.1424895	2.6431882161182	(219812)	16.0	339.38000	258.30187	108.10163	6.14805	0.1330510	2.7236267161201
(219761)	15.6	238.17713	174.66925	310.82872	4.57197	0.1159820	2.6607262161182	(219813)	15.2	329.69222	332.00112	75.44256	14.25453	0.1450423	2.6044272161201
(219762)	15.9	323.47435	290.29882	81.16416	6.96007	0.0977802	2.7206826161183	(219814)	16.3	248.81235	118.75274	0.72158	12.84272	0.2083205	2.6751099161202
(219763)	16.4	277.95622	124.62671	313.67132	2.06768	0.1018241	2.6833480161183	(219815)	15.0	259.92244	114.43675	342.89019	16.31518	0.2594338	2.6815068161202
(219764)	15.7	278.12984	175.98185	270.72773	13.13221	0.2192251	2.6752665161183	(219816)	15.3	286.96276	77.55347	2.16249	10.01210	0.2228101	2.6175476161203
(219765)	15.2	304.12923	319.35988	107.61585	14.53264	0.2184331	2.6214209161184	(219817)	15.7	327.30924	6.43873	47.42874	12.37672	0.2013748	2.5735226161203
(219766)	17.0	332.47071	138.64750	220.22521	1.99678	0.2468876	2.5921388161184	(219818)	15.4	303.69989	17.55063	28.56118	11.84005	0.1311904	2.6771697161203
(219767)	15.3	7.49478	233.28903	75.43962	16.19136	0.2103350	2.6455717161185	(219819)	15.8	234.92333	133.67448	348.22871	14.24347	0.1839430	2.6975386161204
(219768)	15.4	329.60748	330.97508	51.11260	4.22435	0.1802561	2.6049173161185	(219820)	15.6	316.16002	42.47682	4.10644	32.83331	0.3114087	2.6115134161204
(219769)	15.6	265.86198	79.99038	349.23967	5.93189	0.1164511	2.6958508161186	(219821)	16.0	341.74870	352.51835	22.01311	4.04632	0.2188678	2.6296553161204
(219770)	16.0	291.45281	2.49363	65.33937	8.55227	0.2847516	2.6352428161186	(219822)	16.3	316.58271	56.90654	53.61394	4.53289	0.1808004	2.5436182161205
(219771)	15.6	298.89373	69.90050	343.11242	11.88351	0.1774694	2.5826324161187	(219823)	15.4	167.57799	206.62095	317.81181	12.15413	0.0763930	2.8104373161205
(219772)	15.6	265.70924	71.07346	21.55430	11.66790	0.1611697	2.6729591161187	(219824)	15.3	355.52591	39.15551	322.17424	11.02893	0.0704196	2.6985788161205
(219773)	14.4	45.38860	305.87887	21.54658	13.84232	0.2074103	2.5484542161188	(219825)	15.4	141.97760	149.09725	65.51000	4.11497	0.0205845	2.7798274161206
(219774)	15.8	8.57488	17.47694	315.68542	9.61378	0.1329827	2.5804670161188	(219826)	15.8	279.03788	339.88424	94.50595	8.73964	0.1777120	2.6954847161206
(219775)	17.0	230.63352	148.76386	331.39849	17.56196	0.0814614	1.9840804161188	(219827)	16.1	241.92896	192.48048	284.62982	3.95151	0.1144274	2.7140522161206

(219828)	15.5	336.64953	253.72906	119.34583	10.16658	0.1329738	2.7326776161207	(219880)	15.7	82.52990	74.20993	166.32027	10.69564	0.0557458	2.9844480161222
(219829)	15.6	287.92128	102.05087	332.29418	10.84721	0.1733549	2.6931634161207	(219881)	12.4	284.63896	57.45869	26.55931	9.87839	0.0277423	5.2031682161222
(219830)	16.5	275.43397	124.58531	316.39753	4.16932	0.1416714	2.7103322161207	(219882)	16.2	267.65338	273.46189	155.04576	9.81399	0.0381628	2.9022795161223
(219831)	15.3	247.73643	134.45402	331.77056	7.99599	0.1251597	2.7907659161208	(219883)	16.0	41.60607	100.48014	203.90144	1.28276	0.0511685	2.9049733161223
(219832)	15.5	205.06109	133.94393	26.74301	9.50470	0.0670823	2.7451443161208	(219884)	14.9	15.21804	300.01413	344.55671	22.70142	0.2130703	3.1060373161223
(219833)	16.1	287.92014	333.64911	83.65314	1.81539	0.0620782	2.7977352161208	(219885)	15.4	106.22256	307.49042	298.33524	3.75913	0.0995403	2.8660786161223
(219834)	12.6	225.03772	157.69693	345.77357	10.35824	0.0396903	5.2477794161209	(219886)	15.4	78.51747	273.93176	317.09834	5.28024	0.1100656	3.0327206161224
(219835)	13.3	272.72223	119.63194	337.74794	6.50144	0.0984576	5.1567592161209	(219887)	15.5	278.48791	233.58899	197.10069	6.13131	0.1272532	2.8122385161224
(219836)	15.9	281.48965	304.67396	112.84651	5.55335	0.0901412	2.7989732161209	(219888)	15.7	130.13628	256.10764	336.56580	5.06261	0.0716342	2.8530662161224
(219837)	12.5	300.33619	91.41250	346.87790	7.07059	0.0652770	5.1451498161210	(219889)	14.9	81.43707	245.44954	351.89230	10.43106	0.0394543	3.0206532161225
(219838)	16.3	285.24484	261.40154	174.63839	4.29628	0.2583888	2.6597427161210	(219890)	12.9	297.50566	71.29225	9.72083	8.50269	0.1307778	5.2519878161225
(219839)	15.6	297.82935	96.84855	301.79426	8.64699	0.070753	2.7742972161210	(219891)	14.4	351.88118	314.06763	2.13612	22.18110	0.1163204	3.1324260161225
(219840)	16.0	299.84787	253.96443	173.99213	4.43894	0.2600912	2.6730641161211	(219892)	13.2	289.17007	290.35000	165.27549	6.08765	0.0461544	5.1940840161225
(219841)	15.9	321.95038	249.43176	152.84825	13.91090	0.2847498	2.6081259161211	(219893)	15.3	39.32559	103.14642	178.18653	13.86486	0.2240172	3.1076766161226
(219842)	16.1	318.46219	167.73709	255.25558	1.33480	0.3090155	2.6257670161211	(219894)	15.7	17.95720	303.79550	344.38488	8.26276	0.0952095	3.0282977161226
(219843)	15.9	289.64280	316.54788	98.58375	4.93139	0.0437803	2.7639923161212	(219895)	16.3	282.36922	239.14971	158.74758	10.21990	0.0717969	2.9501668161226
(219844)	13.5	325.07579	169.74835	233.63259	2.36548	0.0809341	5.0540322161212	(219896)	13.0	23.37444	328.28863	27.08797	2.02189	0.0353306	5.1827429161227
(219845)	16.9	276.43094	39.43097	39.60548	2.14055	0.1777198	2.6970729161212	(219897)	13.7	298.14943	318.12795	121.38162	3.70602	0.1133962	5.2802370161227
(219846)	16.4	240.39041	9.16087	94.10805	2.45044	0.0539445	2.7728141161213	(219898)	15.8	336.40231	91.28325	284.84603	0.96599	0.0796814	2.8588275161227
(219847)	15.8	18.49649	336.26090	341.22812	5.30597	0.0695505	2.8488374161213	(219899)	15.6	67.47390	330.23839	293.75650	3.67223	0.1488751	3.0023065161227
(219848)	15.9	144.61148	232.62739	336.98585	5.09192	0.0198816	2.7907401161213	(219900)	15.7	335.90232	288.45855	94.47408	3.79664	0.0183048	2.7899950161228
(219849)	16.0	84.58368	157.03070	101.33974	3.31361	0.0138104	2.8358994161213	(219901)	15.9	87.03188	73.73022	170.14399	10.26702	0.0557158	2.9817997161228
(219850)	16.1	223.88763	353.88010	117.81714	3.78042	0.1198414	2.8343589161214	(219902)	12.6	326.39757	191.07700	224.55138	4.63993	0.0835233	5.2137057161228
(219851)	15.8	259.49452	103.45326	0.58840	4.05019	0.0965890	2.7512281161214	(219903)	15.5	127.40559	114.58322	116.90088	3.26686	0.0308684	2.8741455161228
(219852)	16.9	291.93535	71.77191	9.55719	1.52794	0.1903643	2.6658397161214	(219904)	15.7	297.43133	257.94918	150.43373	2.56790	0.0609719	2.8637788161228
(219853)	15.9	32.61256	327.97233	331.96950	8.59467	0.0608370	2.8768080161214	(219905)	13.4	298.41980	59.58317	24.77417	5.87947	0.0338214	5.1459953161229
(219854)	14.8	96.28483	239.14081	354.45288	17.68005	0.1477355	2.9905046161215	(219906)	16.3	275.07939	72.44663	14.68635	1.92211	0.1240431	2.7965426161229
(219855)	15.9	260.70105	296.15842	144.94230	2.96967	0.0344125	2.8471676161215	(219907)	13.5	307.94553	283.94381	155.29042	6.75591	0.0826143	5.2327368161229
(219856)	15.6	305.31740	265.79586	164.99830	14.24317	0.3121151	2.5975542161216	(219908)	13.3	283.85093	241.10576	208.61234	8.62180	0.0736622	5.0832164161230
(219857)	14.1	315.39066	255.24265	161.05311	3.06542	0.0785745	5.1602915161216	(219909)	14.8	61.08141	42.31688	192.08921	17.22658	0.1684126	3.1574461161230
(219858)	16.0	306.02977	29.55207	26.46340	6.14346	0.2653623	2.6304872161216	(219910)	16.2	299.84766	224.92580	176.97727	6.32886	0.0902944	2.9088246161230
(219859)	15.5	335.66045	236.53241	172.96008	12.64338	0.2758032	2.5818369161217	(219911)	14.5	35.20439	240.99081	17.23886	27.11451	0.2092263	3.1391054161230
(219860)	15.9	358.42775	203.00127	138.22605	16.36626	0.2196144	2.7943335161217	(219912)	15.5	22.48436	309.71144	357.14364	4.39327	0.1774981	3.1326586161231
(219861)	16.5	297.85143	279.27276	117.24126	3.06918	0.0740786	2.8524557161217	(219913)	15.4	111.45354	9.04166	192.11697	11.11298	0.0646954	3.0995397161231
(219862)	15.8	220.90990	98.08728	24.57287	5.00139	0.0856990	2.7575179161217	(219914)	17.2	24.97458	236.76915	49.28201	7.53436	0.2933284	2.1963907161231
(219863)	15.2	330.73726	33.48429	9.90600	15.00547	0.2700710	2.6351793161217	(219915)	16.2	99.52470	127.61308	120.55733	3.25117	0.1935002	3.0333707161232
(219864)	16.1	231.13912	170.56952	298.53452	3.07407	0.0594985	2.7980266161218	(219916)	14.9	0.32134	306.12974	26.99281	16.08690	0.1075101	3.0769707161232
(219865)	15.4	10.10015	329.81839	322.01248	11.73396	0.1020943	2.9799615161218	(219917)	14.4	300.22048	334.71692	30.86083	9.67871	0.1005822	3.1653143161232
(219866)	14.2	260.83140	54.14142	55.64479	1.61553	0.0233312	5.1330609161218	(219918)	16.0	69.77842	27.00964	245.56499	0.62658	0.1507113	3.0671499161233
(219867)	16.8	243.56332	118.37069	346.04459	2.93252	0.0522755	2.8019652161219	(219919)	14.6	346.53019	320.20017	3.28079	14.76885	0.0594965	3.0762931161233
(219868)	16.3	324.42233	239.72804	150.32804	3.33267	0.0800332	2.7684117161219	(219920)	14.9	344.20842	143.95551	208.50015	9.65386	0.1150963	3.0730206161233
(219869)	16.2	297.97167	266.18214	146.11954	4.43384	0.0916725	2.7669664161219	(219921)	15.0	241.47029	262.25770	191.81538	9.93531	0.0647622	2.9925805161234
(219870)	15.8	61.95267	276.15525	323.18450	10.74950	0.0946011	3.0216364161219	(219922)	14.9	27.56363	116.90212	189.95776	9.72779	0.2294898	3.1397959161234
(219871)	15.4	328.49171	79.49671	297.96205	5.11218	0.0431476	2.7969354161219	(219923)	16.0	255.89209	342.29321	136.20631	5.09669	0.1578836	2.7822572161234
(219872)	16.4	218.98703	72.84330	50.32456	4.01408	0.1331014	2.8002857161220	(219924)	15.3	249.59201	317.98755	170.68972	6.50085	0.1353924	2.7775750161235
(219873)	15.8	264.14057	78.40151	3.80383	6.21207	0.0414830	2.7757270161220	(219925)	15.2	29.58934	285.76106	32.85932	11.95618	0.1073845	2.9959973161235
(219874)	16.8	233.26665	291.14957	188.36568	4.13610	0.0156334	2.8030250161220	(219926)	14.8	179.94591	353.76186	162.99825	11.83683	0.0183569	2.9981330161235
(219875)	15.7	323.22061	207.73638	195.12786	6.07472	0.2825505	2.6156906161221	(219927)	15.4	75.06770	69.21344	171.10767	10.27623	0.0933260	3.1174227161236
(219876)	15.1	318.27109	354.86126	54.23300	14.39139	0.1620215	2.6522015161221	(219928)	14.6	39.41101	226.92959	61.63932	10.54986	0.1326769	3.1010822161236
(219877)	15.9	57.57251	96.60643	197.77546	3.96051	0.0391470	2.8072474161221	(219929)	15.8	78.74346	170.42418	91.38965	2.78053	0.1317285	3.0788102161236
(219878)	16.5	318.21080	169.00112	217.76940	1.22546	0.0631375	2.8682292161222	(219930)	15.2	264.05626	74.87142	6.56654	16.07215	0.0971355	2.9178372161236
(219879)	16.6	27.93050	324.20964	358.41068	1.55654	0.0165284	2.8615911161222	(219931)	14.7	357.58318	294.67729	18.06496	9.52687	0.0873692	3.1701558161237

(219932)	14.7	9.32318	110.45737	215.02567	9.53915	0.1217911	3.0439181161237	(219984)	17.1	29.44113	60.90555	217.04287	4.09200	0.1682466	2.2625291161253
(219933)	15.5	101.38079	3.26306	198.55426	7.64472	0.1426640	3.1308372161237	(219985)	16.8	2.78522	96.91413	240.39937	6.16863	0.1431551	2.2243960161253
(219934)	15.5	86.99534	57.75067	151.26185	6.50113	0.1313516	3.2018516161238	(219986)	17.2	56.13836	220.65352	44.77997	5.24720	0.1779725	2.2244559161253
(219935)	16.0	54.38749	46.70880	202.44708	5.38189	0.1356146	3.1775559161238	(219987)	15.1	64.69507	44.41748	292.44108	15.06011	0.2428660	3.1438940161253
(219936)	15.0	279.98254	203.97198	220.04666	9.25539	0.0333565	2.9745847161238	(219988)	17.4	15.75392	24.10810	272.73730	4.38860	0.1696616	2.2542016161254
(219937)	18.0	62.85001	236.00882	8.20489	5.30266	0.1782844	2.1657202161239	(219989)	17.6	50.65008	314.06760	318.53472	5.36972	0.2142985	2.2227902161254
(219938)	14.8	29.17701	161.23285	145.50873	7.97255	0.0566431	2.9888723161239	(219990)	17.0	37.68343	189.13291	9.23527	7.44660	0.1162154	2.2302524161254
(219939)	15.2	110.09704	114.54246	103.37403	3.80200	0.0722761	3.0385414161239	(219991)	17.2	331.39600	214.54690	163.39600	6.16917	0.0407764	2.1971281161254
(219940)	14.9	48.12279	126.90594	156.12917	9.78096	0.0603034	3.0463664161239	(219992)	17.7	339.15707	168.42774	150.13180	3.11728	0.1859559	2.3122141161255
(219941)	14.5	18.44276	301.86058	358.13852	17.26902	0.1932269	3.1736927161240	(219993)	16.5	31.15425	74.12465	220.13732	6.65068	0.1203402	2.2368622161255
(219942)	15.0	127.35738	211.12976	358.65591	11.01095	0.0422320	3.0002654161240	(219994)	17.3	347.05496	153.58418	181.28370	5.81349	0.2224854	2.2789278161255
(219943)	15.7	172.67553	234.78033	288.67638	1.67116	0.0312531	2.9882453161241	(219995)	17.0	270.89837	220.79922	205.81266	3.88975	0.1211063	2.2506595161256
(219944)	15.0	35.60945	226.36213	55.31025	5.99732	0.1443661	3.1302650161241	(219996)	17.2	14.74730	19.63909	288.12984	3.55375	0.1573662	2.2423867161256
(219945)	16.0	48.51694	10.14736	276.69831	1.10497	0.0806368	3.0387256161241	(219997)	17.4	351.31864	28.34126	297.37590	2.53417	0.1806827	2.2699329161256
(219946)	14.5	6.82092	275.84822	67.14165	10.87544	0.1366377	3.0479000161241	(219998)	17.0	320.97639	193.24645	167.01288	6.61718	0.1429640	2.2901522161256
(219947)	15.4	62.37647	74.56899	194.33073	18.14195	0.1579262	3.1703255161242	(219999)	17.7	28.30437	122.53576	158.22772	5.30011	0.1715339	2.2697777161257
(219948)	15.2	208.08067	303.84808	187.28028	8.60338	0.0564528	3.0166870161242	(220000)	17.8	344.52806	109.32822	224.91495	2.55000	0.2354658	2.2881987161257
(219949)	15.0	40.96262	276.28574	15.45905	10.43986	0.1188626	3.1123796161242	(220001)	17.6	355.80259	35.21661	292.33182	1.57952	0.1998732	2.2728711161257
(219950)	14.5	6.72675	305.71186	18.71024	22.47864	0.1507904	3.1123215161242	(220002)	16.6	335.22270	33.08852	344.09607	6.84863	0.1594805	2.2807487161257
(219951)	15.7	77.73944	129.04526	155.92529	3.41931	0.0477120	2.9252097161243	(220003)	16.3	358.19980	322.71699	37.21106	3.81566	0.2858579	2.2681958161258
(219952)	14.9	22.69109	165.80885	152.69128	10.56593	0.1320269	3.1095586161243	(220004)	16.7	334.42999	176.05571	174.83947	3.22519	0.2019425	2.2959525161258
(219953)	15.4	20.30217	138.50166	196.50819	10.39788	0.0932404	2.9966576161243	(220005)	16.6	337.96244	195.76865	145.97418	11.56296	0.2662968	2.3162744161259
(219954)	13.1	297.27516	248.25690	204.23554	15.55396	0.1170053	5.1667678161244	(220006)	15.7	77.27829	246.01764	327.04333	23.62119	0.2782987	2.2723952161259
(219955)	14.7	54.07521	249.16192	20.21453	11.97043	0.1641245	3.0204687161244	(220007)	17.0	21.37775	291.76942	22.11886	5.07625	0.2235885	2.2458969161259
(219956)	14.9	45.34688	234.20375	41.73536	10.63802	0.1239960	3.1494581161244	(220008)	16.9	338.75255	115.76852	203.90861	6.10047	0.2490890	2.3169580161260
(219957)	15.5	105.96558	10.58543	220.46664	5.68586	0.2248811	3.0537384161244	(220009)	15.3	192.23240	194.17719	298.75431	25.37621	0.1759713	2.2676784161260
(219958)	12.7	153.35030	180.53039	38.44270	16.32110	0.0509820	5.1064981161245	(220010)	16.5	264.25802	105.66858	344.74615	6.05325	0.1048723	2.2243023161260
(219959)	15.0	1.62925	231.64577	103.80728	12.43748	0.081313	3.1047523161245	(220011)	14.9	158.74371	12.11561	233.33581	7.01008	0.0234091	3.1693182161261
(219960)	14.3	124.84918	331.17345	228.50952	16.67152	0.0651347	3.1170775161245	(220012)	16.8	78.37158	300.93095	315.34002	7.02934	0.0972798	2.2355877161261
(219961)	14.3	10.60652	354.07527	2.96460	10.48782	0.1048488	2.9815230161246	(220013)	17.5	7.80443	150.05128	165.99547	3.18025	0.1823353	2.2669691161261
(219962)	14.5	48.94906	93.07911	208.15357	16.03220	0.1382334	3.1395073161246	(220014)	17.4	328.44203	206.19720	138.24227	6.17817	0.2171835	2.3150022161261
(219963)	17.5	28.84832	25.75609	236.31572	3.92369	0.1770534	2.2170190161246	(220015)	16.9	287.36740	294.87989	105.00983	3.33648	0.1776803	2.2973485161262
(219964)	15.0	60.95423	207.37877	48.32859	5.71924	0.1404420	3.2058548161247	(220016)	15.0	290.63793	240.38880	231.35383	16.03514	0.0696299	3.1303663161262
(219965)	15.9	89.49895	190.14738	51.00496	3.15772	0.1355708	3.1254858161247	(220017)	16.4	343.41041	160.26219	188.34523	23.20770	0.1536695	2.2820686161262
(219966)	14.7	20.24629	85.41086	225.90381	8.68461	0.0844060	3.1644142161247	(220018)	16.3	329.65181	186.61699	195.98123	22.69259	0.2545024	2.2680256161263
(219967)	14.4	33.38625	62.11990	243.53731	9.18990	0.1255269	3.1781330161247	(220019)	16.3	1.57093	253.81378	91.24122	6.28001	0.1967632	2.2770109161263
(219968)	15.1	47.17300	32.47730	250.88405	8.62477	0.0673363	3.1894483161248	(220020)	17.1	326.08788	158.25249	202.03417	3.26791	0.1234290	2.2854735161263
(219969)	14.6	123.69366	34.57002	131.98111	17.29420	0.1394028	3.1794447161248	(220021)	16.3	347.63319	116.82472	225.28917	20.80626	0.3060100	2.2818075161263
(219970)	14.8	65.77979	145.91225	113.15972	18.12940	0.0857713	3.0602931161248	(220022)	16.9	7.25951	185.55811	132.81952	7.14686	0.1552487	2.2434771161264
(219971)	15.4	95.75221	66.47002	160.53958	17.06846	0.1838847	3.1488509161249	(220023)	16.7	305.13197	353.44287	31.97274	6.35952	0.2355583	2.2983454161264
(219972)	15.2	213.32021	261.58608	214.15356	9.14438	0.0161259	3.0752778161249	(220024)	16.2	1.19661	311.65041	41.58176	8.11124	0.2270006	2.2487045161264
(219973)	17.8	35.20950	94.89745	179.49066	5.19478	0.2006686	2.1970103161249	(220025)	17.3	68.84150	80.15967	183.78090	5.81193	0.0735024	2.2597923161265
(219974)	16.0	64.29962	18.41061	254.66301	0.73220	0.1519922	3.1445341161250	(220026)	17.0	311.36355	57.31560	331.96485	2.61955	0.1751322	2.2600393161265
(219975)	14.8	70.57017	95.66932	165.38514	7.70025	0.1007603	3.1362374161250	(220027)	17.2	32.83309	315.01944	311.38225	2.12329	0.2188923	2.2900526161265
(219976)	15.0	31.59069	167.33114	127.56507	8.63496	0.0316631	3.2205484161250	(220028)	17.3	299.52690	15.68451	30.71020	4.58972	0.1731341	2.2837196161265
(219977)	17.1	16.07882	179.32282	121.28210	6.53232	0.2374364	2.2140403161250	(220029)	17.1	293.49772	34.31127	18.19903	2.88648	0.1963062	2.2856174161266
(219978)	16.4	359.54834	102.90675	251.44937	2.26021	0.1824026	2.1515346161251	(220030)	17.0	346.36701	65.45905	268.75551	3.88013	0.0434140	2.3080367161266
(219979)	16.6	14.36064	200.73359	98.70246	8.14743	0.2226837	2.2574517161251	(220031)	17.7	36.04533	346.66388	297.13142	2.70332	0.0940231	2.2669940161266
(219980)	16.2	343.54015	66.68823	271.34512	22.41064	0.2336663	2.2729661161251	(220032)	18.0	304.21103	76.87818	303.66691	1.74925	0.1754510	2.2983652161266
(219981)	14.4	25.23967	109.68830	210.90442	16.70110	0.1612067	3.1537186161252	(220033)	18.0	111.81973	103.31092	123.97164	2.30415	0.1410291	2.2183835161267
(219982)	16.9	28.91163	332.98869	314.25904	4.96977	0.2576368	2.2436339161252	(220034)	17.1	339.75904	203.52817	145.78331	5.72859	0.1924868	2.2995086161267
(219983)	17.7	37.76330	85.29842	190.84578	7.36758	0.2346073	2.2050046161252	(220035)	17.1	328.08816	226.32973	145.94457	0.95451	0.2252270	2.2827384161267

(220036) 16.9 338.29565 31.06987 335.84847 3.09245 0.0784197 2.2523970161267
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 (220139) 16.7 319.45095 57.74572 312.60110 6.19235 0.1196048 2.3446740161301

(220140)	16.1	279.66022	168.25309	257.95149	5.42189	0.0869742	2.3073471161301	(220192)	16.9	326.13481	296.72693	50.01616	3.24234	0.2394006	2.3877874161317
(220141)	16.1	340.97664	48.66253	320.50029	6.51446	0.1258929	2.2849487161302	(220193)	16.9	322.12086	113.99914	271.69946	3.99408	0.2038036	2.3267938161318
(220142)	17.0	280.98696	126.52677	305.19954	3.44746	0.2226062	2.3286522161302	(220194)	16.3	266.32812	4.59766	77.26016	5.60927	0.1878063	2.3989601161318
(220143)	16.4	353.77326	69.89460	261.15579	5.51900	0.1321835	2.3240565161302	(220195)	16.4	265.58825	240.99909	216.87706	5.87514	0.0828180	2.3361321161319
(220144)	16.4	320.23465	65.62070	311.34305	6.03994	0.1196926	2.3197491161303	(220196)	16.4	350.49338	283.71119	52.19958	6.75669	0.2563797	2.3444346161319
(220145)	17.2	351.42590	44.04292	281.16291	2.26033	0.1443176	2.3416319161303	(220197)	16.4	261.81024	116.43571	322.40113	2.85675	0.2280697	2.3876064161319
(220146)	17.1	355.65008	84.81200	239.85111	5.86214	0.1371358	2.3095245161303	(220198)	17.7	308.92271	63.05915	333.49575	1.88292	0.2166711	2.3528173161320
(220147)	16.1	355.98582	207.06624	135.81276	11.20513	0.2417885	2.3042043161303	(220199)	16.9	252.20631	192.34021	276.87358	1.76689	0.1455011	2.3617906161320
(220148)	15.9	11.11952	78.17470	244.82990	9.99257	0.2184050	2.2844329161304	(220200)	16.8	324.90877	104.65556	268.06439	2.27917	0.1684458	2.3624771161320
(220149)	14.1	10.52223	127.29363	260.78048	13.45945	0.0650795	3.4017842161304	(220201)	17.2	270.14261	353.60057	94.13536	1.55487	0.1787472	2.3669114161321
(220150)	17.2	345.89596	33.80751	290.94218	1.49951	0.2018486	2.3496441161304	(220202)	17.1	327.95008	137.23023	231.03945	1.73785	0.2060262	2.3525770161321
(220151)	15.8	352.69816	119.97865	214.46527	6.00774	0.1626803	2.3328174161305	(220203)	17.6	289.88588	143.10013	276.02589	1.22968	0.1780126	2.3634711161321
(220152)	16.6	0.47694	86.98905	237.16096	4.78311	0.2137146	2.3084449161305	(220204)	17.4	307.99712	141.17494	258.67625	2.12349	0.2244328	2.3534602161322
(220153)	16.2	336.47465	346.41789	9.54781	7.30381	0.1240690	2.3403546161305	(220205)	16.6	268.53010	198.11352	230.82005	5.59222	0.0837763	2.4050663161322
(220154)	16.7	292.40532	300.39589	115.61237	5.62840	0.2153743	2.3392575161306	(220206)	16.2	345.03157	244.42363	90.66205	7.01583	0.1718607	2.3541474161322
(220155)	16.7	299.62478	279.84172	114.72135	9.58825	0.1742837	2.3428384161306	(220207)	17.4	327.99069	69.07271	291.97220	2.85396	0.2249527	2.3583980161323
(220156)	16.8	308.71125	126.95375	227.93467	4.89797	0.1952528	2.3902589161307	(220208)	16.3	292.30631	328.86276	70.04011	7.40031	0.2379222	2.3893361161323
(220157)	17.0	0.24437	237.79298	111.70150	6.07015	0.1828967	2.2962270161307	(220209)	16.7	334.63381	186.12919	204.65631	3.47114	0.2462893	2.3130652161323
(220158)	16.7	3.13609	273.21021	26.05329	4.20218	0.1527040	2.3792468161307	(220210)	16.3	324.40791	291.84617	70.52300	7.37403	0.1273390	2.3991588161324
(220159)	17.1	12.73852	102.30572	203.32357	11.11653	0.2937657	2.3141976161307	(220211)	16.1	291.28893	27.98224	6.76773	9.98336	0.0388730	2.4042323161324
(220160)	16.4	335.53892	119.62465	224.44104	5.77905	0.1462923	2.3872915161308	(220212)	16.0	245.71885	104.21236	345.49876	4.70017	0.1797317	2.4124710161324
(220161)	16.8	14.18464	250.92744	60.46943	4.67034	0.1003094	2.3233817161308	(220213)	16.7	254.10763	335.39721	114.26296	3.99984	0.1556431	2.3975951161325
(220162)	17.0	345.28770	192.88048	157.52946	4.72807	0.2500469	2.3166020161308	(220214)	17.0	308.70867	210.59744	180.50990	4.28937	0.2491725	2.3631775161325
(220163)	17.4	295.21401	218.13376	188.04132	2.09690	0.2242139	2.3612155161309	(220215)	16.9	323.07043	42.52354	330.08345	3.15589	0.2023742	2.3594146161326
(220164)	17.9	308.72386	36.92081	351.62146	5.05515	0.2067116	2.3353163161309	(220216)	17.2	290.90111	109.91165	320.99871	1.58897	0.1857810	2.3252432161326
(220165)	16.1	335.43951	93.15969	262.08700	3.92790	0.1166207	2.3335558161309	(220217)	16.4	346.01195	237.88837	110.06749	6.78960	0.2193700	2.3323823161326
(220166)	16.3	354.02581	111.67756	234.50477	5.15638	0.1439379	2.3134237161309	(220218)	16.4	138.76193	90.37933	342.29460	4.87597	0.0716223	2.7518046161327
(220167)	16.6	359.20005	71.62486	271.77854	4.47901	0.1507805	2.3114480161310	(220219)	15.8	248.51746	113.27114	10.53548	22.12579	0.3332003	2.3958034161327
(220168)	16.4	261.80430	191.40343	247.09109	6.39254	0.1023435	2.3715189161310	(220220)	16.2	245.14025	85.19933	341.64501	24.82183	0.0717819	1.8317375161327
(220169)	17.1	337.23452	7.13933	0.12990	5.46120	0.2969083	2.3106003161310	(220221)	16.2	231.83328	78.50462	36.13343	7.58033	0.0659145	2.3686732161328
(220170)	16.0	347.79776	329.99404	19.53960	9.28967	0.1405376	2.3380617161311	(220222)	16.3	318.25952	137.35701	255.55665	5.73375	0.1052672	2.3536406161328
(220171)	16.5	265.19659	129.39152	294.27545	3.63167	0.0859701	2.3996749161311	(220223)	16.8	332.34398	31.79600	342.94133	2.76427	0.2558722	2.3358618161328
(220172)	16.3	328.79047	118.68774	238.96991	4.04443	0.1577097	2.3249931161311	(220224)	16.9	318.87765	263.91376	115.13467	6.67772	0.1602265	2.3611070161329
(220173)	15.7	251.89160	184.99643	260.30184	5.90194	0.0730847	2.3616001161312	(220225)	15.6	175.79521	54.25482	327.85120	6.15272	0.1244095	2.7879627161329
(220174)	17.5	66.04439	79.40531	191.98799	3.30654	0.0973837	2.2750527161312	(220226)	16.2	298.76256	33.81772	29.09855	8.92138	0.2350782	2.3704902161329
(220175)	17.8	222.13339	293.30975	167.12098	6.87510	0.0957277	2.3780308161312	(220227)	16.8	333.05244	255.05234	96.87674	8.76558	0.2450815	2.3691716161330
(220176)	17.1	270.74176	58.69306	30.09783	7.21231	0.0926812	2.3229205161313	(220228)	17.7	318.92961	28.68929	339.59945	2.01792	0.2397426	2.3700530161330
(220177)	15.9	151.42165	251.48669	164.79291	13.61350	0.0915790	2.7072966161313	(220229)	16.9	306.19586	53.39133	334.78848	5.25590	0.1328436	2.3623793161330
(220178)	16.5	359.07765	202.39153	125.00086	7.55728	0.1558502	2.3391431161313	(220230)	16.8	10.83299	111.10771	191.74989	2.24414	0.1673838	2.3866306161330
(220179)	16.8	279.41789	320.96291	106.90156	3.14854	0.1829132	2.3659895161313	(220231)	16.9	244.34552	16.54633	91.14486	3.69425	0.1494296	2.3911573161331
(220180)	15.4	327.33148	181.07580	227.58283	24.68303	0.2307431	2.2830968161314	(220232)	17.2	320.75803	312.42310	68.65515	3.00196	0.2300062	2.3560294161331
(220181)	15.9	322.50747	293.55879	70.47788	11.97695	0.1965596	2.3654454161314	(220233)	16.8	300.54750	238.25250	153.77368	5.22192	0.1945225	2.3953071161331
(220182)	17.0	329.52939	133.34507	217.61462	13.03690	0.2492778	2.3578780161315	(220234)	16.8	351.87259	258.28616	70.37207	5.42368	0.2042047	2.3838870161332
(220183)	14.9	72.55894	298.39838	74.97122	5.63711	0.1022504	3.2517245161315	(220235)	17.2	297.72135	254.35540	151.22773	2.78497	0.1883695	2.3775660161332
(220184)	17.1	330.97440	308.85153	73.83735	6.44142	0.0338143	2.2958911161315	(220236)	17.4	292.36508	221.21671	201.61838	2.08219	0.1914698	2.3607289161332
(220185)	15.8	38.99701	33.82674	168.07262	10.34339	0.0758732	2.6039274161315	(220237)	17.4	314.53217	200.07315	225.89414	1.72416	0.1633239	2.3018058161333
(220186)	17.3	340.51981	29.42045	309.74192	1.83795	0.2484987	2.3459320161316	(220238)	17.3	251.69147	316.08700	144.26554	2.90362	0.1474604	2.4012355161333
(220187)	16.7	343.14051	306.63841	32.79827	4.78369	0.1472092	2.3462744161316	(220239)	14.9	65.42384	134.32733	268.48382	15.20303	0.2388142	3.1082135161333
(220188)	16.2	216.14945	200.41106	279.60827	1.77660	0.1666061	2.4221994161316	(220240)	16.6	346.93216	41.03043	306.97681	7.12777	0.2895534	2.3339603161333
(220189)	17.2	340.23127	133.80567	227.45037	3.39497	0.2517625	2.3221441161317	(220241)	16.7	206.32517	60.05217	91.11701	3.31507	0.1132358	2.4103455161334
(220190)	16.4	309.88207	136.29583	267.56219	6.57929	0.1253986	2.3249704161317	(220242)	17.3	300.26664	306.97611	97.53117	2.31367	0.1821142	2.3903603161334
(220191)	15.4	165.12876	62.85239	266.08790	8.69205	0.0881811	2.9819321161317	(220243)	17.0	285.33216	50.74872	1.25985	2.90988	0.1811647	2.4044796161334

(220244)	17.7	274.16623	37.43979	46.49599	2.02749	0.1571249	2.3741071161335	(220296)	16.7	218.68520	303.03948	204.92538	4.62953	0.0710489	2.6225181161351
(220245)	17.3	302.48129	60.48019	333.19853	1.74802	0.1948944	2.4090049161335	(220297)	16.6	142.03495	220.28116	303.21663	3.01440	0.0475201	2.7165511161351
(220246)	16.0	262.95487	251.85744	200.97255	8.82478	0.1824736	2.4397654161335	(220298)	16.6	180.76275	106.35370	54.29608	3.66193	0.1201298	2.5682153161351
(220247)	16.4	277.26158	316.46554	99.90721	7.97524	0.0987972	2.4398897161336	(220299)	17.5	206.60365	138.66606	349.61878	17.57035	0.0428348	1.8623113161352
(220248)	16.9	254.15911	275.09631	171.65227	2.94536	0.1602029	2.4311176161336	(220300)	16.4	229.26861	298.60113	155.44453	15.01299	0.0875800	2.6220032161352
(220249)	16.6	271.89052	38.28407	37.66620	3.00854	0.1609174	2.4117139161336	(220301)	15.7	103.26820	46.53877	165.37975	7.93644	0.2254183	2.7773155161352
(220250)	16.7	282.09030	28.70668	48.02865	3.99986	0.2037293	2.3902396161336	(220302)	15.3	86.44023	256.13811	338.07011	10.38459	0.1579082	2.7640029161353
(220251)	16.8	298.97155	138.31204	279.65405	5.89068	0.1155222	2.3733878161337	(220303)	16.8	188.22965	235.93994	306.56019	3.89407	0.2085210	2.5551708161353
(220252)	16.7	325.02652	208.76667	179.65767	7.61889	0.1941707	2.3494645161337	(220304)	16.6	205.25136	114.07661	37.36687	6.39580	0.1002038	2.5432958161353
(220253)	17.5	287.16233	38.01705	29.66235	1.91505	0.1597781	2.3773316161337	(220305)	17.0	243.05522	246.78631	179.97956	22.13538	0.0938135	1.9004336161354
(220254)	17.1	281.80476	134.94882	279.19257	1.59011	0.1596919	2.4088806161338	(220306)	16.0	95.76269	219.82271	357.98459	4.07367	0.1669760	2.7589995161354
(220255)	16.1	326.45140	276.06181	78.46816	12.34276	0.1288539	2.4652876161338	(220307)	17.0	229.62462	312.45920	158.39820	4.21228	0.1284371	2.5486673161354
(220256)	17.1	311.92408	215.65853	145.25125	2.96518	0.2305675	2.4090940161338	(220308)	16.5	210.20188	208.98712	299.59752	3.11986	0.1130910	2.5443712161355
(220257)	16.8	348.45204	253.21337	76.45864	2.60524	0.1921747	2.3902505161338	(220309)	16.3	85.31030	208.38862	3.04185	21.49914	0.0370685	1.9032592161355
(220258)	16.7	249.06589	306.77302	151.03910	2.52126	0.1731875	2.4400305161339	(220310)	15.5	129.07431	287.67975	258.99980	11.55948	0.0994526	2.7088092161355
(220259)	16.7	267.29823	12.21612	74.88109	2.33646	0.1645820	2.4185885161339	(220311)	15.6	192.14000	338.55585	180.77690	7.82059	0.1361309	2.6038416161356
(220260)	16.2	262.12801	175.19861	270.60789	4.50962	0.0748525	2.4410289161339	(220312)	13.4	344.82962	205.58201	183.06053	13.57768	0.1149042	5.2039640161356
(220261)	16.2	256.49936	334.19691	106.99889	6.78784	0.1047737	2.4527947161340	(220313)	15.7	71.72765	34.40523	210.23735	7.34923	0.1662386	2.7898493161356
(220262)	16.4	241.76026	346.12796	132.17481	2.75821	0.1582878	2.4093628161340	(220314)	15.9	186.36395	318.28235	225.13489	11.99929	0.2189113	2.5694939161357
(220263)	15.8	182.43975	267.19115	249.94240	8.75090	0.0886295	2.5374319161341	(220315)	16.5	220.07863	80.19658	10.24218	23.74974	0.1105907	1.8915968161357
(220264)	16.8	292.54566	349.26526	65.47419	6.09602	0.1823727	2.4118081161341	(220316)	16.1	187.00940	48.18171	130.62732	4.06682	0.1439789	2.5479685161357
(220265)	16.2	275.93306	125.53194	284.16036	10.19248	0.0648826	2.5309505161341	(220317)	16.3	6.15499	354.70115	336.58911	10.16302	0.0758750	2.6266465161358
(220266)	16.9	276.50120	306.22350	155.23828	2.51539	0.1643479	2.3898525161342	(220318)	12.8	52.78496	301.98387	23.40821	11.15244	0.0243219	5.1281724161358
(220267)	16.0	273.18167	192.72862	249.33764	4.78598	0.1444400	2.4272721161342	(220319)	17.1	314.72341	4.13835	3.05445	19.35994	0.0855029	1.8995780161358
(220268)	16.6	328.11670	100.47202	282.67603	9.58859	0.1954937	2.4138067161342	(220320)	16.7	16.86811	268.60336	37.60228	4.16624	0.0843635	2.7767243161359
(220269)	16.8	320.05089	13.68261	22.27879	2.81503	0.2063417	2.3653645161343	(220321)	14.5	97.62658	227.88637	4.74706	22.48310	0.0222357	2.6517273161359
(220270)	16.5	319.93367	48.42218	344.23544	5.17197	0.2142609	2.3820767161343	(220322)	15.9	17.15117	294.09189	6.64087	8.69367	0.1138425	2.7549020161360
(220271)	17.0	279.24743	1.32084	82.52895	3.47997	0.1322278	2.4307151161343	(220323)	16.6	7.49854	148.18250	201.09318	3.64687	0.0245676	2.6117874161360
(220272)	17.1	263.01245	345.75756	121.43305	3.71212	0.1293302	2.4131999161343	(220324)	12.8	289.10961	64.94530	18.86593	8.01793	0.0697494	5.1456422161360
(220273)	16.9	282.15198	88.06168	351.15042	6.01690	0.1421250	2.4086796161344	(220325)	17.2	269.03538	69.95599	37.81660	6.82449	0.1784488	2.4551048161360
(220274)	15.8	166.80996	169.93375	349.92889	13.73842	0.1201546	2.5649219161344	(220326)	16.2	230.95719	307.61431	170.22114	14.40541	0.1361873	2.6047965161361
(220275)	17.1	292.67093	217.39822	201.59528	1.79552	0.1823201	2.4462799161344	(220327)	15.9	135.39858	82.10573	131.50419	4.77609	0.1456415	2.6959237161361
(220276)	16.3	270.98589	198.18626	251.40940	5.29090	0.1639337	2.4238430161345	(220328)	15.7	96.02572	219.41008	9.45173	6.14765	0.0604074	2.7377875161361
(220277)	15.8	155.93493	235.73641	282.86589	5.91255	0.0401975	2.6062318161345	(220329)	15.5	11.94463	312.29326	342.52334	6.43063	0.1337249	2.8681907161362
(220278)	16.5	294.69163	273.11426	128.98817	8.96918	0.1322891	2.4854363161345	(220330)	15.8	79.78885	300.55590	177.47230	16.42725	0.2005155	3.1435333161362
(220279)	16.4	325.12901	281.90211	122.53700	4.26388	0.2068047	2.4066192161345	(220331)	16.3	100.46083	42.76123	181.60854	2.89987	0.0425813	2.6908611161362
(220280)	15.8	134.26854	229.85875	330.93636	4.60132	0.1654968	2.6089759161346	(220332)	16.1	182.98867	341.80833	216.43010	12.56778	0.0970461	2.5847356161363
(220281)	15.3	157.28421	44.38860	101.86294	14.90501	0.0300717	2.6780391161346	(220333)	14.1	205.00193	334.35055	203.20888	2.86747	0.0661189	5.2026250161363
(220282)	16.8	288.96748	277.83670	152.05722	7.65208	0.2106204	2.4509445161346	(220334)	15.9	99.17330	222.30221	10.72938	4.06062	0.0642666	2.7313934161363
(220283)	16.9	275.41831	165.08035	271.04101	0.68929	0.1593882	2.4485191161347	(220335)	12.7	272.99565	85.55990	15.68742	15.01011	0.0673791	5.1763013161363
(220284)	16.6	283.77282	299.16299	156.42533	9.81392	0.2173008	2.4330584161347	(220336)	13.8	189.21372	290.10456	262.30400	1.11417	0.1114131	5.2195501161364
(220285)	16.1	109.59773	138.81967	89.46760	3.37941	0.1107653	2.5799087161347	(220337)	17.3	194.34331	351.39521	157.40184	3.62549	0.0978695	2.5920336161364
(220286)	16.5	284.12986	151.22422	268.04802	8.07978	0.1802815	2.4854908161348	(220338)	15.1	99.67006	227.63742	23.30308	13.49409	0.1170133	2.6443158161364
(220287)	16.9	305.45047	217.25671	225.07635	5.15425	0.1926149	2.3664562161348	(220339)	15.5	115.16600	58.09289	143.65039	12.66881	0.0998354	2.7747070161364
(220288)	15.5	101.69024	225.01592	340.66129	9.53589	0.1762186	2.6952830161348	(220340)	16.7	305.94432	43.91760	343.00453	1.28284	0.1009247	2.6997203161365
(220289)	16.3	122.57767	91.14307	126.33549	5.11154	0.0735802	2.5607131161348	(220341)	15.6	146.15582	191.69935	17.42552	9.07749	0.1532114	2.6812612161365
(220290)	17.5	274.60303	123.57363	323.27297	3.58491	0.1855839	2.4785516161349	(220342)	13.8	281.07135	92.13738	2.98934	3.36840	0.0645645	5.1347194161365
(220291)	14.9	160.03906	357.59767	142.13372	26.03449	0.1326657	2.7442965161349	(220343)	15.6	271.18903	248.68302	184.25073	21.65030	0.0572558	2.6827853161366
(220292)	16.3	269.30308	242.42683	224.68083	4.87349	0.2176789	2.4207988161349	(220344)	15.8	81.05893	79.34589	187.32476	11.28775	0.0328762	2.7060015161366
(220293)	16.7	265.55219	267.68911	179.80439	6.85205	0.1774793	2.4688901161350	(220345)	15.3	28.75910	147.52665	113.55567	15.63118	0.2829545	3.0660264161366
(220294)	15.8	135.93718	290.15601	284.56372	12.79424	0.0602309	2.5755727161350	(220346)	15.8	334.21380	318.50791	28.83179	5.46846	0.0705542	2.7567342161366
(220295)	15.8	168.06163	194.46133	359.51733	12.43170	0.1758960	2.5493193161350	(220347)	15.6	166.53594	226.86391	286.31876	8.18151	0.1657101	2.7205525161367

(220348)	16.5	174.47035	75.71324	105.34746	4.81496	0.1462252	2.6940305161367	(220400)	15.0	308.72908	287.06036	166.73138	12.28768	0.2917227	3.1113387161383
(220349)	16.6	31.75373	56.85501	248.73750	2.10980	0.0807601	2.7484457161368	(220401)	14.1	11.79231	36.25627	306.93637	8.18678	0.2036625	3.2029653161383
(220350)	16.7	21.27690	171.86153	122.49497	3.11762	0.0382354	2.8722213161368	(220402)	14.3	304.66508	144.06108	260.99376	9.60203	0.1510402	3.3891068161383
(220351)	12.8	223.89939	311.55835	208.27926	11.81484	0.0191651	5.2496126161368	(220403)	14.6	2.27499	12.19587	355.55659	6.61368	0.1414656	3.1923745161384
(220352)	16.4	306.12069	29.22526	21.17634	9.85798	0.1390964	2.5956191161368	(220404)	14.9	18.76823	125.05042	207.05137	6.94972	0.1119694	3.2246925161384
(220353)	15.4	124.90526	199.21817	357.55389	11.81959	0.2303815	2.7904576161369	(220405)	14.8	342.04205	137.83825	246.39257	5.50851	0.0555208	3.1701293161385
(220354)	15.4	136.20609	150.80069	62.72327	10.21048	0.0875390	2.7405582161369	(220406)	14.4	274.06281	166.44271	283.55641	5.97602	0.0914154	3.2156386161385
(220355)	13.7	256.97130	123.59886	0.84496	1.40701	0.1585789	5.3056890161369	(220407)	14.8	337.17939	122.44931	265.27813	10.43826	0.1524827	3.1736023161385
(220356)	13.0	207.73034	332.10364	203.65286	11.43753	0.0372335	5.2548998161369	(220408)	14.6	347.05552	315.29970	92.50411	6.55506	0.1579747	3.0977435161385
(220357)	15.2	35.07450	153.37285	149.20515	5.11265	0.1431341	3.0303457161370	(220409)	14.7	342.93708	211.84026	196.98514	18.49193	0.1827290	3.1791368161386
(220358)	14.9	30.11378	21.78191	277.02700	15.15409	0.2857438	3.0898460161370	(220410)	14.3	133.42741	358.83011	228.93948	13.11183	0.0429795	3.1803557161386
(220359)	14.5	2.78990	68.56563	273.66177	13.16212	0.2113958	3.1321733161370	(220411)	15.2	344.60058	168.96415	217.09924	12.34709	0.1465588	3.1329494161387
(220360)	14.7	34.38522	344.29617	311.85177	16.27956	0.1888400	3.1207352161370	(220412)	14.8	298.09282	50.52281	355.69572	7.24295	0.1259532	3.4480642161387
(220361)	16.7	240.01128	211.93261	269.54303	2.43034	0.0622805	2.7280157161371	(220413)	14.9	15.38019	137.45171	232.88314	9.84147	0.0543049	3.1267084161387
(220362)	14.6	352.26370	106.91850	241.90989	24.73619	0.2613265	3.1938453161371	(220414)	15.0	312.95798	225.45238	227.25097	11.92606	0.1702595	3.0425109161387
(220363)	15.7	4.84496	171.47124	179.65806	9.45416	0.1784211	3.0592629161371	(220415)	15.1	345.61235	174.24623	239.10847	7.90784	0.0362301	3.0729568161388
(220364)	15.3	12.88346	193.95692	127.93228	7.67922	0.1822270	3.1514368161371	(220416)	15.1	348.70690	169.11315	230.71322	3.82420	0.1973375	3.1948876161388
(220365)	15.7	1.08049	181.38699	157.07158	16.36225	0.2723567	3.1681165161372	(220417)	14.9	97.38539	241.13281	15.63841	18.08945	0.1321152	3.1824713161388
(220366)	14.7	327.31645	223.56495	141.56137	8.09527	0.1638216	3.1786189161372	(220418)	15.8	1.81254	353.23577	11.80189	8.90898	0.0477760	3.1931115161389
(220367)	15.3	14.20142	191.80917	115.28060	18.46462	0.2503791	3.1792647161372	(220419)	15.4	1.34285	285.40402	93.30389	2.52357	0.1702689	3.0860867161389
(220368)	15.2	83.55784	63.65581	190.47056	13.48484	0.0639512	3.0558697161373	(220420)	15.6	29.79953	293.61715	52.15078	5.76665	0.1433126	3.0890431161389
(220369)	15.3	59.54836	110.72720	156.10003	11.39532	0.0839801	3.1320623161373	(220421)	14.9	320.90518	20.01352	28.59449	4.12871	0.1186202	3.2563875161390
(220370)	14.0	14.68025	81.21653	265.91520	20.56843	0.3444155	3.1273903161373	(220422)	15.3	306.80078	294.76335	127.91627	2.61187	0.0878377	3.2457227161390
(220371)	14.6	336.13632	181.69210	228.20415	16.49653	0.3010455	3.0778381161373	(220423)	14.5	315.23922	199.10684	222.51255	10.80995	0.0342689	3.1391774161390
(220372)	14.2	16.94818	80.97876	240.65492	14.48135	0.2111883	3.1569803161374	(220424)	15.2	327.86248	171.91457	220.14862	8.53605	0.0873084	3.1781025161391
(220373)	14.8	30.21464	15.36817	292.24579	14.47478	0.2690731	3.1601999161374	(220425)	14.4	9.48134	148.22477	184.54395	10.32285	0.1006728	3.3969240161391
(220374)	15.0	322.19760	141.03367	261.36202	4.55056	0.0955367	3.0150902161374	(220426)	15.0	181.89220	344.08458	183.37387	22.06056	0.0567826	3.2216877161391
(220375)	15.4	313.57532	87.21192	300.00530	9.54278	0.0900476	3.1698097161375	(220427)	15.9	323.74735	95.02966	346.08964	7.30671	0.0674949	3.0854528161391
(220376)	15.0	349.16507	186.26937	191.51779	10.85898	0.1774715	3.1139433161375	(220428)	18.4	11.26060	150.49603	157.28513	2.30312	0.2247104	2.1207434161392
(220377)	14.6	10.32757	11.97578	336.17825	22.40230	0.2315179	3.1640104161375	(220429)	14.8	309.25107	206.31864	248.27896	8.60019	0.0139247	3.1011943161392
(220378)	14.8	338.17665	38.02752	316.56760	12.51313	0.0379501	3.2314519161375	(220430)	15.3	320.21882	33.93690	35.39621	10.42332	0.0827018	3.1748866161392
(220379)	14.6	318.15483	91.42111	309.78796	8.98270	0.0864756	3.1206311161376	(220431)	15.2	346.04708	74.55318	329.46649	14.32989	0.1200973	3.1723294161392
(220380)	14.6	347.42025	56.35713	325.93908	15.77800	0.0627092	3.1091712161376	(220432)	14.6	302.02805	65.23758	27.08346	25.71835	0.2174635	3.1867193161393
(220381)	14.2	261.42378	132.84307	332.29524	16.25065	0.0600411	3.1602095161376	(220433)	14.9	309.26364	27.66787	13.60153	6.83767	0.1173003	3.4572823161393
(220382)	14.6	346.50179	5.59129	343.55685	19.38678	0.1438374	3.1963692161377	(220434)	15.6	359.09465	119.09876	273.26996	0.74298	0.1469473	3.2305129161393
(220383)	14.7	83.17009	279.49977	335.68376	14.62233	0.0688491	3.2084953161377	(220435)	14.4	315.51643	281.20434	118.20447	9.25233	0.1686443	3.4470785161393
(220384)	14.6	1.66913	37.67005	323.83995	10.91720	0.2816207	3.0912424161377	(220436)	16.7	292.89414	72.18908	327.94261	3.96702	0.1266244	2.1514167161394
(220385)	14.5	357.69983	1.76108	344.45139	21.03371	0.0411288	3.2162055161378	(220437)	14.9	194.25618	331.29075	237.83886	9.20119	0.0514063	3.0131227161394
(220386)	15.2	358.41580	317.23865	49.75335	3.80521	0.0873738	3.0998969161378	(220438)	14.7	342.16815	266.56316	142.77732	25.88656	0.2607757	3.1707792161395
(220387)	15.6	333.57654	11.65530	6.80857	0.41851	0.1557148	3.2221304161378	(220439)	14.6	218.49357	311.83219	234.62547	14.40082	0.0286530	3.1436208161395
(220388)	14.5	318.92755	311.21712	128.14523	5.74646	0.2965515	3.1515193161379	(220440)	16.7	143.60644	243.89958	311.13762	2.66542	0.0993154	2.1792442161395
(220389)	14.6	79.92782	284.28383	330.86931	14.29949	0.1994355	3.1036998161379	(220441)	14.8	332.87021	80.80008	12.80724	25.46697	0.2294406	3.1360849161395
(220390)	14.3	30.28654	324.53428	356.56276	17.90203	0.2539901	3.1182569161379	(220442)	15.3	324.34855	319.08173	121.54431	5.96121	0.1347833	3.2357289161396
(220391)	14.4	320.67931	132.70743	277.35747	11.14871	0.1915051	3.1623194161380	(220443)	15.4	257.72973	98.42936	61.52021	10.82375	0.1028149	3.2250848161396
(220392)	14.8	344.55562	51.55650	315.46969	10.67238	0.0751051	3.1411714161380	(220444)	16.9	59.61090	309.06882	335.25407	3.95075	0.0497280	2.1437718161396
(220393)	16.9	119.02715	355.29538	4.75642	24.22899	0.1219690	1.8408074161380	(220445)	17.4	157.74130	109.24586	66.01990	5.48736	0.0646269	2.1727690161397
(220394)	15.6	266.09529	119.38427	345.75541	4.67066	0.1234709	3.0918748161381	(220446)	16.7	221.07730	95.35343	29.28677	4.92046	0.1348658	2.2504075161397
(220395)	14.4	50.42627	348.38859	308.36666	16.30190	0.1820275	3.1599847161381	(220447)	17.2	330.76269	254.61066	105.31620	4.68670	0.1716582	2.2042983161397
(220396)	14.4	342.54369	107.06119	273.62520	15.48297	0.1504075	3.1639497161381	(220448)	16.1	274.83602	312.31628	105.52917	5.11164	0.1515372	2.2272735161397
(220397)	15.8	90.20470	67.09866	182.48737	0.80404	0.1392678	3.1470222161382	(220449)	15.8	123.48738	23.84345	136.09213	12.91000	0.2043222	2.4347629161398
(220398)	14.8	350.21326	131.17872	260.00110	7.33446	0.2278020	3.0764648161382	(220450)	14.7	328.12677	161.35329	315.86075	8.13322	0.0297800	3.0972251161399
(220399)	14.5	60.66701	315.90439	342.21986	15.74954	0.1042719	3.1113724161382	(220451)	16.8	289.25956	9.82091	39.71276	4.92475	0.0727547	2.1677661161399

(220452)	17.1	325.10201	7.33359	4.12083	6.81662	0.2944183	2.1546511161399	(220504)	17.0	143.44176	21.46693	164.00341	8.99181	0.1001441	2.3346647161416
(220453)	16.7	289.30544	352.15086	51.28559	6.47704	0.1441680	2.2194600161400	(220505)	16.3	103.71317	240.14222	1.64947	4.86712	0.1225957	2.3626083161416
(220454)	16.8	233.88750	137.39147	325.50327	5.95423	0.1025028	2.2193673161400	(220506)	16.8	108.17032	326.87306	246.21902	4.63505	0.1586372	2.4027828161416
(220455)	18.0	312.54239	342.59144	47.64137	3.35808	0.1250034	2.1394480161400	(220507)	17.2	135.73030	283.39133	285.90761	1.81776	0.1787960	2.3547347161417
(220456)	16.7	263.35603	108.77801	329.99224	2.62928	0.1387887	2.2277967161401	(220508)	16.6	124.21157	11.48091	193.37203	6.18598	0.0760496	2.3796706161417
(220457)	16.7	245.86758	136.97886	306.65783	6.14854	0.0988674	2.2871688161401	(220509)	17.1	232.32192	145.44766	322.24837	1.69492	0.1704430	2.2651539161417
(220458)	16.1	78.87761	259.56110	319.41996	7.84724	0.1762207	2.4229205161401	(220510)	16.9	164.15083	133.92790	30.30062	1.84593	0.1247702	2.3949126161418
(220459)	16.8	294.81956	123.34882	281.72573	2.95740	0.1589784	2.2110771161402	(220511)	15.8	143.66550	9.28283	200.37275	23.63656	0.1856429	2.3653899161418
(220460)	16.5	208.81773	132.65001	344.61147	3.91863	0.0678222	2.3103866161402	(220512)	16.2	136.10810	144.52560	61.08948	7.16605	0.0501817	2.3764109161419
(220461)	15.0	212.88353	108.71151	59.44029	2.72666	0.0655145	3.9478488161403	(220513)	16.7	99.40469	134.39407	89.05547	5.63208	0.1395453	2.4621038161419
(220462)	17.0	59.36223	299.71785	319.77050	6.03568	0.1257150	2.3469801161403	(220514)	17.1	40.72004	294.31761	2.34699	3.29500	0.1596993	2.4165093161419
(220463)	16.5	298.76504	130.59145	279.88955	2.62756	0.1119167	2.1877129161403	(220515)	16.3	185.47348	7.44132	157.53240	5.60941	0.0865930	2.3326047161419
(220464)	17.4	230.52939	326.98758	142.94470	3.15816	0.0865497	2.2536873161404	(220516)	17.3	60.55904	247.36154	28.43291	1.44434	0.1686376	2.4205579161420
(220465)	16.9	109.18449	244.05221	331.66366	1.48243	0.1642916	2.3659419161404	(220517)	17.0	154.78680	141.04487	56.23154	3.14803	0.1450050	2.3504796161420
(220466)	16.3	97.89492	271.63477	328.52089	5.74378	0.0634953	2.3380841161404	(220518)	16.3	228.04945	167.42018	317.54500	7.32690	0.1382398	2.3086260161420
(220467)	16.9	134.85095	251.13615	294.84351	6.14876	0.0334293	2.2970576161405	(220519)	16.5	20.32146	296.73702	8.57554	6.83130	0.1033240	2.4211600161421
(220468)	16.8	221.34998	140.48568	331.42924	3.87665	0.0784709	2.2861211161405	(220520)	16.1	261.23616	105.94680	334.30073	8.15814	0.0605716	2.3148989161421
(220469)	17.1	306.87321	17.27861	21.29437	3.04005	0.1431386	2.1973010161405	(220521)	16.9	98.66478	67.00213	169.78222	2.53301	0.1410032	2.4098578161421
(220470)	17.0	241.51617	273.20649	159.56959	7.07239	0.0823338	2.3918027161406	(220522)	17.0	53.63815	274.78763	352.04387	6.10924	0.0983005	2.4533149161422
(220471)	16.5	197.87997	200.10025	300.78362	2.95520	0.1286159	2.3255859161406	(220523)	17.3	201.63546	111.33223	25.97213	2.47305	0.1647981	2.3389691161422
(220472)	16.4	187.71912	357.36534	138.84405	7.45665	0.0628452	2.3282340161406	(220524)	16.6	107.27454	157.87284	81.38441	3.02218	0.0997442	2.3805629161422
(220473)	16.3	131.58674	176.41804	31.59449	9.23558	0.1674369	2.3518679161407	(220525)	16.5	54.05522	61.82501	175.19590	18.54095	0.2093103	2.6112366161422
(220474)	17.9	309.05058	97.46124	288.30183	2.24317	0.1876793	2.2116293161407	(220526)	16.4	249.74245	34.02456	82.84560	4.47936	0.1618691	2.2502744161423
(220475)	17.7	84.56111	205.81388	41.38549	2.58725	0.1686745	2.3283546161407	(220527)	17.1	351.20319	176.24378	163.02355	6.58817	0.1439649	2.3755941161423
(220476)	16.7	120.55941	220.00669	346.07227	6.24187	0.0549719	2.3239167161407	(220528)	17.2	235.65345	129.70897	330.14199	0.51730	0.0485821	2.3205934161423
(220477)	16.4	125.35387	228.39813	328.52232	5.95074	0.0663074	2.3662262161408	(220529)	17.2	145.50699	273.43778	266.11349	1.25519	0.1522430	2.4121430161424
(220478)	16.9	41.09387	151.72940	142.57821	5.12428	0.1534475	2.3365035161408	(220530)	13.6	76.62908	88.64448	206.63167	17.17711	0.0656946	5.2334489161424
(220479)	17.4	250.57652	274.08609	152.23745	7.32369	0.0907144	2.3379325161408	(220531)	17.1	116.16994	64.01868	160.29156	2.49380	0.1299512	2.3909703161424
(220480)	17.0	231.91944	103.86264	356.85049	4.43338	0.0950775	2.2877266161408	(220532)	16.8	216.47238	255.20642	242.83212	7.40916	0.1309888	2.3013262161424
(220481)	16.7	20.82872	148.84774	127.91409	3.01088	0.1977328	2.4141269161409	(220533)	15.2	283.17363	25.96392	47.28749	29.14502	0.2063273	2.2745281161425
(220482)	16.4	195.47555	190.81874	332.72190	3.11659	0.1163164	2.2642894161409	(220534)	16.1	49.55194	275.07334	342.00826	13.09604	0.2453670	2.5674953161425
(220483)	16.8	192.34797	153.37436	335.76145	5.07689	0.1721205	2.3470034161410	(220535)	15.7	114.58951	196.60119	41.30803	7.17106	0.0746281	2.3827409161425
(220484)	17.1	58.31020	321.49361	301.59098	1.42291	0.1436432	2.4174809161410	(220536)	17.1	97.18759	298.85557	303.09651	0.44387	0.1511858	2.4184154161426
(220485)	16.5	233.81177	64.90822	58.23038	6.95560	0.0466695	2.2387819161410	(220537)	16.9	246.49990	232.36707	246.74110	2.41561	0.0849446	2.2740621161426
(220486)	17.5	115.20948	245.82699	326.07515	2.04138	0.1389303	2.3735111161410	(220538)	17.5	20.49321	187.89469	113.91318	3.13987	0.2116264	2.4549058161426
(220487)	17.7	252.47599	125.48675	306.74492	2.29075	0.1473153	2.2944909161411	(220539)	17.4	330.60838	51.73427	323.12917	1.84463	0.1032745	2.3425624161427
(220488)	16.2	74.27459	301.11448	323.86709	5.75841	0.0856037	2.3177188161411	(220540)	16.8	127.92446	172.33727	42.21651	2.77380	0.1545920	2.4126403161427
(220489)	17.3	143.67948	173.70116	6.45126	1.27837	0.1279165	2.3570429161411	(220541)	17.1	175.26132	305.69864	233.18711	1.01061	0.1264565	2.3449255161427
(220490)	16.4	176.53024	217.99390	280.68855	6.43607	0.0564000	2.3667578161411	(220542)	16.1	216.60985	328.13664	172.73266	4.77685	0.0857868	2.3375958161427
(220491)	17.3	350.94415	3.21075	327.03056	3.58400	0.1786660	2.3786796161412	(220543)	17.5	225.70357	173.29574	297.25479	0.95682	0.1393510	2.3571172161428
(220492)	17.0	74.10777	281.79466	324.22530	2.27086	0.1536799	2.4093542161412	(220544)	16.9	291.90698	87.12885	324.12680	1.16140	0.1385075	2.2972884161428
(220493)	16.4	355.34854	229.13367	89.59823	2.40345	0.2077643	2.4044013161412	(220545)	16.5	146.37524	13.19287	193.30998	2.27914	0.1516880	2.3664217161428
(220494)	16.3	181.63130	305.02063	221.69387	2.50272	0.1323555	2.3116283161412	(220546)	16.4	67.77649	271.91963	6.82599	6.82564	0.1019378	2.4051173161429
(220495)	16.0	254.33924	60.83860	8.96852	23.61039	0.2366400	2.3082327161413	(220547)	16.6	47.80727	152.92768	120.61181	3.72715	0.1890588	2.4143777161429
(220496)	16.6	122.08963	228.32983	349.30929	3.94289	0.1856623	2.3608026161413	(220548)	16.1	157.52806	289.28011	261.80559	6.29386	0.0586736	2.3625528161429
(220497)	17.2	155.11974	199.55120	330.92428	2.05783	0.1224083	2.3282281161414	(220549)	16.4	120.37251	21.69148	154.97944	3.63037	0.1351131	2.5655418161429
(220498)	16.4	65.23635	137.80612	129.17950	4.54964	0.1512393	2.3915273161414	(220550)	16.2	20.67391	239.48436	19.82745	10.88259	0.3079044	2.7589677161430
(220499)	16.4	186.45413	169.69628	343.30528	8.15540	0.1494277	2.3258528161414	(220551)	16.4	192.17260	301.83782	200.07231	5.91518	0.0776849	2.3973060161430
(220500)	17.2	178.19147	344.81115	196.34727	2.41927	0.1007376	2.2757331161415	(220552)	15.9	52.81245	67.27010	199.48020	12.77164	0.2415937	2.6412361161430
(220501)	17.3	152.99422	65.30114	115.74081	3.47992	0.1494925	2.3570356161415	(220553)	16.3	143.14405	203.65816	1.43314	2.28815	0.1519012	2.4136966161431
(220502)	16.8	168.81680	217.47698	306.90526	3.25019	0.1074449	2.3559983161415	(220554)	16.6	8.08135	88.94592	211.88576	11.62353	0.2746907	2.6393747161431
(220503)	16.4	118.18261	18.95653	207.32311	5.78813	0.0910135	2.3488661161416	(220555)	13.4	207.63730	148.69952	13.72510	8.68281	0.0262828	5.2192696161431

(220556)	16.2	68.47434	52.52344	185.86811	7.77798	0.1602384	2.6319724161432	(220608)	16.2	343.11957	226.17495	148.68829	2.96131	0.2380153	2.7909952161447
(220557)	16.9	106.61246	157.83664	62.07883	3.15640	0.1317719	2.4761143161432	(220609)	15.7	338.69988	8.45747	349.03951	13.34813	0.1905736	2.8822102161447
(220558)	16.5	155.15892	72.36969	109.27849	2.32113	0.1071370	2.4278966161432	(220610)	15.6	328.10128	207.95996	163.35562	12.89384	0.1733129	2.8771618161447
(220559)	16.1	87.99907	17.81134	204.48540	11.82321	0.0666070	2.5834726161433	(220611)	15.6	318.68236	222.19370	176.34809	8.29721	0.3201801	2.9014108161448
(220560)	15.6	347.17574	251.89483	55.29815	10.05457	0.2644618	2.7245385161433	(220612)	16.2	325.35878	251.45121	134.91731	5.77366	0.1651949	2.7729622161448
(220561)	17.1	196.33211	297.78283	215.12758	1.63909	0.1037587	2.3658020161433	(220613)	16.3	67.88573	126.89887	158.35831	2.73691	0.1291354	2.6871447161448
(220562)	16.1	20.31875	292.54819	349.62104	5.31641	0.2021951	2.6471245161433	(220614)	15.4	71.82611	320.82883	316.20460	11.40226	0.0596859	2.7370284161449
(220563)	15.8	350.57038	323.81453	38.35994	9.86908	0.0694864	2.4176349161434	(220615)	16.1	11.67225	96.16826	231.58169	2.43825	0.1902987	2.8074334161449
(220564)	16.4	43.65010	87.20404	174.93231	1.86657	0.1329375	2.5855233161434	(220616)	16.0	340.91073	176.42165	183.90653	4.31910	0.0890199	2.7927225161449
(220565)	17.3	216.21075	317.04182	174.85494	2.04468	0.1395761	2.3560614161434	(220617)	16.6	67.19552	68.69714	199.82145	4.95526	0.1577749	2.7168223161450
(220566)	17.1	152.87311	123.93418	145.33290	4.84558	0.1524345	2.2188138161435	(220618)	16.3	78.80014	90.12417	159.55513	13.64435	0.1104440	2.7669651161450
(220567)	16.2	12.46300	193.24745	91.48943	10.77382	0.3375953	2.7382446161435	(220619)	15.7	358.42176	177.30038	163.92172	10.36646	0.1902894	2.7847640161450
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(220569)	15.6	5.56364	191.60678	109.95956	15.75538	0.1043588	2.6103337161435	(220621)	15.7	36.74534	305.98054	357.67324	9.06337	0.2065115	2.8005533161451
(220570)	13.5	337.04246	8.43437	31.86446	6.86510	0.0602468	5.1198300161436	(220622)	14.2	329.55406	329.85038	40.14162	24.59734	0.1890409	3.0950755161451
(220571)	16.1	18.74510	285.21838	17.29589	12.67331	0.2757061	2.6422782161436	(220623)	15.4	32.07639	133.56386	155.38043	14.01844	0.1509385	2.7922975161451
(220572)	16.4	26.05734	120.46431	174.45298	12.62958	0.2464763	2.6137413161436	(220624)	15.7	13.38410	7.85612	336.85970	8.92844	0.1658073	2.7955585161452
(220573)	17.2	12.33681	143.27384	161.08597	2.17880	0.0234333	2.5775040161436	(220625)	15.6	52.59579	78.59177	186.91783	8.43639	0.2371435	2.7833667161452
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(220575)	15.6	29.08275	43.49286	243.68849	14.13462	0.1216286	2.6050378161437	(220627)	15.4	351.38263	136.05382	213.65542	5.54995	0.0781280	2.8636944161453
(220576)	15.6	10.31455	185.61649	100.17689	11.46947	0.1911589	2.6959476161437	(220628)	16.1	89.85714	233.76332	24.62653	12.09887	0.1610776	2.6461653161453
(220577)	16.9	203.08416	341.74437	158.72468	2.22353	0.1031982	2.3670274161437	(220629)	16.7	80.85143	314.74006	291.34150	3.06498	0.0539411	2.8148865161453
(220578)	16.0	316.96995	190.19324	222.07671	23.47659	0.2156718	2.3521298161438	(220630)	15.3	17.03806	72.49623	244.55584	12.08164	0.0800338	2.8436206161454
(220579)	15.9	26.93445	114.16259	169.42902	27.78141	0.2380775	2.6544476161438	(220631)	15.7	326.90004	270.19504	115.21366	13.08522	0.1410982	2.8153982161454
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(220583)	16.5	66.38603	252.80325	54.04805	7.21139	0.1058456	2.4072505161439	(220635)	17.0	162.41181	140.91219	1.38243	20.74297	0.0501280	1.8687097161455
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(220586)	16.3	13.72672	161.31954	153.44035	5.34594	0.2084173	2.6298123161440	(220638)	16.0	319.67978	250.90033	148.58793	7.88143	0.2637795	2.8686405161456
(220587)	15.8	66.60351	94.67641	169.18377	9.07552	0.2220989	2.5951216161441	(220639)	15.1	289.12778	320.32914	117.07771	16.21197	0.1146185	2.8500736161456
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(220764)	14.7	214.47862	183.51550	280.73659	9.18934	0.0670091	3.1333875161494	(220816)	16.1	226.52661	280.92429	223.38386	1.47981	0.0314834	3.0028194161509
(220765)	15.4	256.36320	141.68276	333.90197	8.18213	0.1450351	2.9145141161494	(220817)	15.8	7.22587	351.84983	353.17048	2.55047	0.2155858	2.9775531161509
(220766)	15.7	311.57961	126.46318	253.59970	2.78590	0.0139158	3.0826403161494	(220818)	14.7	82.29059	7.59901	239.30329	13.53333	0.1696477	2.9406047161510
(220767)	15.8	317.28748	258.54015	124.23435	3.35059	0.1051953	3.0187790161495	(220819)	14.9	308.01913	9.93085	24.71552	11.03557	0.0681300	3.1054634161510
(220768)	15.3	334.13524	185.52582	163.63462	9.90838	0.1036688	3.0760497161495	(220820)	16.0	313.03136	275.40632	130.56124	1.55693	0.0546921	3.0468566161510
(220769)	15.5	327.35917	4.62928	54.01335	3.44348	0.0312830	2.7702269161495	(220821)	15.1	18.35229	329.27936	345.40202	11.89030	0.0144652	3.1201544161511
(220770)	16.1	355.80027	135.64332	177.84053	12.02374	0.2123597	3.0459359161496	(220822)	14.7	342.15729	321.40177	33.35406	29.20139	0.1987801	3.1542012161511
(220771)	15.6	0.42098	143.67289	181.00187	9.94331	0.0635657	3.0673715161496	(220823)	15.1	350.69464	33.86283	328.12301	9.35195	0.1279508	3.0387299161511
(220772)	15.2	269.45726	15.94073	82.51002	4.46753	0.1653961	3.0592276161496	(220824)	15.2	320.47370	45.96853	332.14010	9.21174	0.0801174	3.0841757161511
(220773)	16.9	269.42137	201.94220	218.51295	20.97928	0.0991370	1.8917906161497	(220825)	15.9	71.25220	213.20865	35.63210	3.03065	0.1237962	3.0024136161512
(220774)	15.9	273.61672	278.39702	157.53012	3.79427	0.1443290	3.0007346161497	(220826)	14.9	303.95701	259.30289	140.39470	18.08065	0.2569510	3.1165591161512
(220775)	15.0	336.01821	8.55410	354.63317	11.97045	0.0807323	3.0953692161497	(220827)	15.6	14.71463	233.03972	91.46101	1.78290	0.2057803	3.0490620161512
(220776)	14.7	7.37385	65.88789	265.51085	9.94147	0.0829488	3.0728881161498	(220828)	15.8	355.09029	329.84207	10.48181	3.15718	0.1273844	3.0474871161513
(220777)	14.5	278.09439	181.16273	235.43527	8.36576	0.0636962	3.1718989161498	(220829)	15.4	7.43256	344.72992	5.92856	9.07206	0.0835118	2.9514422161513
(220778)	15.1	241.25196	150.24210	295.54594	8.87577	0.0269979	3.0747897161498	(220830)	16.8	88.54619	54.10939	202.23887	0.55446	0.0261608	2.7944396161513
(220779)	15.0	228.33060	187.61252	271.49322	6.03544	0.1117761	3.1852951161498	(220831)	14.7	212.56038	141.92037	336.64180	13.65330	0.0904887	3.1282553161513
(220780)	17.4	213.62574	240.52679	225.45176	20.26144	0.0718104	1.9213355161499	(220832)	15.0	342.15822	109.45950	241.92958	8.42661	0.0177569	3.1078184161514
(220781)	15.8	336.81435	140.27597	202.53193	18.74255	0.2734478	3.0931813161499	(220833)	14.5	311.45007	278.12093	113.45905	16.96358	0.0885659	3.1326175161514
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 (220971) 16.9 21.12452 121.79683 173.57125 4.49800 0.1939266 2.4124092161553

(220972)	16.6	274.82582	110.55615	333.29321	0.87667	0.0837873	2.3910101161553	(221024)	16.5	68.32466	105.25072	159.76044	6.52421	0.1528171	2.3842778161567
(220973)	17.3	2.12397	188.80960	128.91688	3.86010	0.2056402	2.4605922161554	(221025)	16.4	351.62609	11.60991	357.49400	7.11211	0.1412159	2.3792943161568
(220974)	17.4	344.98059	48.23413	299.27259	1.34348	0.2031334	2.4655790161554	(221026)	16.6	258.19439	105.01730	342.92294	4.99049	0.1313614	2.4549025161568
(220975)	17.6	10.03913	80.37528	219.62526	1.11923	0.1685571	2.4530856161554	(221027)	16.6	354.90196	149.49843	184.32335	6.26609	0.1561236	2.4501855161568
(220976)	17.4	29.64749	150.50503	136.17414	2.62499	0.1703438	2.4053519161554	(221028)	16.9	328.34627	15.41638	354.12974	1.68860	0.1855510	2.4346384161569
(220977)	17.0	278.69037	217.32263	211.10001	5.69636	0.1937586	2.3835605161555	(221029)	17.3	33.48694	140.96120	162.97194	5.29505	0.1217487	2.4009782161569
(220978)	17.3	343.92145	152.51984	213.34802	1.49802	0.1198051	2.3505206161555	(221030)	17.1	13.90615	167.75544	160.51459	7.24628	0.1407136	2.4220129161569
(220979)	17.1	308.86534	193.57015	192.53565	2.00747	0.2215785	2.4717807161555	(221031)	17.2	345.96664	226.88911	129.68631	3.36547	0.1843535	2.4654587161570
(220980)	16.7	10.68706	93.76720	203.10175	9.83150	0.2480573	2.3852149161555	(221032)	17.4	342.13316	196.18973	122.75899	1.24035	0.1135236	2.6052175161570
(220981)	17.0	9.77478	152.09574	151.13930	1.75871	0.1874418	2.4212838161556	(221033)	16.8	347.90128	282.71056	56.71421	2.37165	0.1929751	2.4517430161570
(220982)	16.8	350.22691	73.10329	253.08571	4.75176	0.2437943	2.3807604161556	(221034)	16.5	22.10481	103.77145	216.58455	5.13661	0.1755268	2.3799173161570
(220983)	17.2	44.8454	108.50611	137.83277	1.06606	0.1763621	2.4590628161556	(221035)	16.2	13.17305	153.84541	175.26191	7.48877	0.1228831	2.3906794161571
(220984)	16.4	346.97882	245.12915	90.11069	2.32339	0.2005866	2.4366881161556	(221036)	17.0	50.72390	92.47437	181.55352	8.91451	0.2009738	2.4204762161571
(220985)	17.3	54.19596	106.87903	171.41460	6.87673	0.1018950	2.3523301161557	(221037)	16.4	342.81426	201.76003	169.98832	11.76061	0.2602757	2.4232481161571
(220986)	16.7	335.85632	167.40276	202.60481	2.60243	0.2393831	2.4174095161557	(221038)	16.6	335.07895	278.45299	86.10487	7.17333	0.1546622	2.4352021161572
(220987)	17.2	321.95970	199.39030	181.35538	0.88808	0.1918198	2.3899356161557	(221039)	16.5	316.92805	352.64999	38.40583	6.98603	0.1343062	2.4216024161572
(220988)	16.9	340.28554	164.21144	178.54156	6.48528	0.2269633	2.4590050161558	(221040)	15.9	341.94983	329.01652	5.75405	16.28903	0.2655149	2.5915260161572
(220989)	17.5	98.84907	277.41219	311.73556	5.02264	0.1405945	2.3217752161558	(221041)	16.2	2.83855	166.18441	201.98940	3.95920	0.1576391	2.3776461161573
(220990)	17.3	75.07521	284.36406	334.72261	1.96251	0.0788412	2.3321934161558	(221042)	16.1	355.40234	112.80044	238.02012	5.45044	0.1352127	2.3778498161573
(220991)	17.5	153.37255	47.93067	145.92689	5.82975	0.0919743	2.2596907161558	(221043)	16.9	301.52683	297.56070	115.50902	3.20254	0.1636960	2.4369007161573
(220992)	16.4	357.47209	241.37225	76.75461	7.21654	0.1521093	2.4451476161559	(221044)	16.6	54.21462	235.09182	40.99001	1.85487	0.1616195	2.3915648161574
(220993)	16.3	346.77608	321.78250	31.88760	6.36467	0.1539092	2.3985381161559	(221045)	16.9	29.26272	149.17250	142.30457	1.87205	0.1562994	2.4458391161574
(220994)	17.0	26.98921	74.14920	205.15028	3.79876	0.1158829	2.4273272161559	(221046)	15.9	255.20539	104.50587	342.29635	6.70279	0.0639798	2.4327244161574
(220995)	17.3	29.07026	73.27708	207.30894	1.73404	0.1711393	2.4180602161559	(221047)	16.9	340.11250	206.28643	142.91681	7.12121	0.1226057	2.4887032161575
(220996)	17.5	323.38251	82.35075	291.34601	0.95631	0.1999156	2.4446054161560	(221048)	17.0	110.07042	10.10932	223.09475	4.51285	0.0589549	2.4082466161575
(220997)	16.9	68.17302	332.36016	265.26758	1.29250	0.1690467	2.4242609161560	(221049)	17.2	332.99418	210.59870	170.88100	1.40208	0.1924498	2.4504301161575
(220998)	17.3	40.71322	298.45097	334.06025	2.01327	0.1751645	2.4076436161560	(221050)	16.7	46.09093	94.07173	168.71891	6.13851	0.0464723	2.6107432161575
(220999)	16.4	38.98146	328.54226	318.65802	8.20193	0.2418287	2.4125930161561	(221051)	17.0	321.86897	202.24714	155.00180	3.98889	0.1904804	2.6164474161576
(221000)	17.3	283.50751	283.66349	125.11084	2.89582	0.2090599	2.4386019161561	(221052)	15.5	210.62559	117.64237	356.77880	22.09560	0.0247330	2.6239530161576
(221001)	16.9	326.67576	153.18127	211.95164	5.09259	0.1559932	2.4275862161561	(221053)	16.9	304.35918	15.95684	34.54980	1.30604	0.1177037	2.4242512161576
(221002)	17.1	358.49684	143.33834	191.85941	2.28724	0.2427542	2.3857953161561	(221054)	16.9	273.66224	91.37396	351.48852	2.08831	0.1803786	2.4668601161576
(221003)	16.7	345.33760	107.61602	223.96778	5.20658	0.1385906	2.4742360161562	(221055)	16.4	13.25066	246.51809	48.75889	4.44963	0.1658800	2.5565234161577
(221004)	16.9	22.10496	192.75915	113.27624	3.68180	0.1974514	2.3620583161562	(221056)	15.7	351.95878	6.01283	1.33807	8.58916	0.1975923	2.4011389161577
(221005)	17.3	54.07939	98.21673	172.04978	1.27733	0.1648344	2.3635744161562	(221057)	17.1	237.42290	309.62992	158.55293	6.79879	0.1632321	2.5648587161577
(221006)	16.1	326.28995	269.65752	95.63997	8.11778	0.2580815	2.4615393161562	(221058)	16.4	349.29674	318.36476	33.58448	7.63040	0.2136435	2.4089300161578
(221007)	17.4	64.30403	74.18145	185.09705	3.18377	0.2271397	2.3305691161563	(221059)	15.8	3.08412	355.07654	317.35777	14.03847	0.0736212	2.5940710161578
(221008)	17.0	5.84083	174.82076	137.95157	2.78276	0.1861194	2.4703306161563	(221060)	16.6	228.40736	256.89365	212.97866	2.75543	0.0295008	2.4741859161578
(221009)	16.5	48.99904	291.66018	343.82237	4.15212	0.2130700	2.3738912161563	(221061)	16.7	274.33758	94.00550	343.78641	9.63645	0.1067392	2.3950451161578
(221010)	17.0	344.85268	144.30484	214.27809	1.24795	0.1978695	2.4230466161563	(221062)	16.2	253.36262	274.41223	162.29770	14.25665	0.1146900	2.6320155161579
(221011)	16.5	310.32937	53.53852	355.92520	12.47585	0.2190485	2.4501174161564	(221063)	15.9	305.70662	33.27559	15.38229	7.62360	0.1138903	2.4145733161579
(221012)	16.7	30.05972	4.25080	298.83118	5.68741	0.1163502	2.4265991161564	(221064)	16.3	338.46279	267.26494	82.87805	14.79313	0.1764568	2.5592883161579
(221013)	17.1	313.93121	355.71572	24.62649	2.10074	0.1606764	2.5168141161564	(221065)	17.1	346.16901	237.62212	96.87645	5.61898	0.1728733	2.5951157161580
(221014)	16.8	338.43120	186.29047	186.54606	1.31383	0.0951451	2.3942399161565	(221066)	17.1	92.40980	130.92322	113.38912	3.42294	0.13563767	2.4012760161580
(221015)	16.7	15.37809	324.97062	0.71654	4.23179	0.1631451	2.3800837161565	(221067)	15.7	339.09950	88.98477	250.81716	13.02977	0.1319666	2.5990792161580
(221016)	16.0	329.33963	248.09732	125.58395	7.23215	0.1339925	2.4198256161565	(221068)	15.5	353.51733	342.38781	354.88307	14.10425	0.1863204	2.5999104161580
(221017)	16.9	48.88715	280.66295	337.82450	10.57814	0.2262819	2.4444621161565	(221069)	16.0	175.40743	319.08603	207.57614	5.47375	0.0961835	2.4710387161581
(221018)	16.8	349.34662	350.30404	17.59512	2.30185	0.2234977	2.3935277161566	(221070)	15.7	334.92555	225.04237	128.10221	14.46623	0.2843335	2.6330712161581
(221019)	17.6	336.49068	212.18491	142.00985	1.94499	0.2056427	2.4594289161566	(221071)	17.0	305.47660	58.41324	348.62315	2.29952	0.0856068	2.4426213161581
(221020)	16.4	333.11835	54.91451	326.20810	3.35854	0.1767152	2.3924691161566	(221072)	16.1	98.17292	271.95077	309.11197	5.02902	0.1160746	2.5977007161582
(221021)	16.5	67.33435	132.84754	136.64856	1.90099	0.1559109	2.3909231161567	(221073)	16.3	343.99652	153.07445	226.59765	5.74504	0.1620733	2.3959934161582
(221022)	16.8	305.91125	62.19522	331.86118	3.81750	0.1964342	2.4617711161567	(221074)	16.0	334.56779	117.86059	221.60561	5.24684	0.0411582	2.7507765161582
(221023)	16.5	238.06405	138.32321	329.12419	5.86253	0.0921898	2.4429723161567	(221075)	15.7	297.17084	94.82894	195.72529	10.33306	0.2470679	3.1072631161582

(221076)	16.4	328.94240	353.06087	30.26554	7.41405	0.1467754	2.4413154161583	(221128)	16.4	9.24149	124.78859	188.78425	11.99146	0.2291565	2.4463370161599
(221077)	16.5	333.32457	178.13725	173.02483	4.25219	0.2728059	2.6254505161583	(221129)	16.1	275.25951	261.13650	150.05273	14.97038	0.1885604	2.6464971161600
(221078)	15.8	348.21233	335.60027	46.47823	8.25754	0.2063218	2.4048305161584	(221130)	16.9	33.80429	185.26054	114.23339	3.52000	0.0243940	2.6435860161600
(221079)	16.9	5.46139	139.63783	163.44882	5.99598	0.2539249	2.6185560161584	(221131)	15.5	54.06919	230.13531	25.70129	9.56782	0.1887733	2.7199139161600
(221080)	17.1	172.40459	1.08977	159.35593	0.76059	0.0941069	2.6343240161584	(221132)	15.3	347.41125	237.06447	124.37112	18.23989	0.2517105	2.6037627161600
(221081)	16.4	61.04013	316.62008	304.23540	1.35279	0.0520593	2.6609857161584	(221133)	16.7	14.56542	87.54967	218.85597	4.52892	0.1674417	2.7200048161601
(221082)	16.3	244.06250	244.66066	195.33443	4.73193	0.0339596	2.7255284161585	(221134)	16.4	95.80797	35.94679	184.98333	3.77369	0.2166486	2.6009047161601
(221083)	16.1	283.43165	219.70128	198.74565	12.84004	0.1520843	2.6505771161585	(221135)	16.3	318.46749	27.88749	333.07072	9.06948	0.2013689	2.7250522161601
(221084)	16.7	24.13864	91.38102	200.53509	12.39638	0.1164904	2.6642005161585	(221136)	16.9	265.07879	263.05744	179.43612	7.86468	0.0920144	2.6316938161602
(221085)	15.9	251.95832	262.47233	198.53374	12.38538	0.2279745	2.6682568161586	(221137)	17.0	38.02880	126.04529	154.39140	13.23066	0.1608165	2.6657275161602
(221086)	16.5	23.35729	293.08069	20.49883	2.60669	0.1003355	2.5518395161586	(221138)	15.6	97.76363	216.21781	359.29431	12.47550	0.1339786	2.6310520161602
(221087)	16.0	4.91663	116.68665	194.35805	12.45141	0.0972602	2.6609778161586	(221139)	16.2	336.35991	298.12393	44.20771	13.65853	0.2961383	2.6470203161602
(221088)	15.4	3.68639	281.42265	31.82697	12.96704	0.1306354	2.7007420161587	(221140)	15.9	236.96080	118.77173	322.93089	7.87908	0.1356825	2.7792575161603
(221089)	16.4	291.97050	51.42521	2.11682	13.36265	0.1581087	2.5855670161587	(221141)	16.3	205.77291	302.63040	197.80626	8.32091	0.2220080	2.7375440161603
(221090)	16.8	224.20225	346.96766	125.21802	1.17767	0.0080018	2.5533769161587	(221142)	16.7	299.50759	237.97798	167.30406	2.51099	0.2682856	2.6377635161603
(221091)	17.1	57.04863	254.78975	13.16150	3.22402	0.1110301	2.5735841161588	(221143)	17.2	259.20265	230.67612	226.92379	2.07470	0.1546119	2.5355119161604
(221092)	17.0	331.78935	155.19070	193.56070	1.59369	0.2250995	2.6424015161588	(221144)	16.8	35.30798	35.79727	229.15319	1.54923	0.1613178	2.6469395161604
(221093)	16.7	200.55606	265.88616	222.08251	1.12245	0.0231108	2.6790833161588	(221145)	16.6	335.56613	180.29249	163.94907	4.43795	0.1197847	2.6441797161604
(221094)	16.0	323.36774	145.83367	240.14931	13.39765	0.1847607	2.4651277161589	(221146)	17.1	345.85542	167.34083	191.85560	1.78507	0.1287331	2.5871414161605
(221095)	17.2	344.47928	185.00308	152.64642	5.38654	0.2168253	2.5772499161589	(221147)	17.0	265.40728	35.53751	54.21143	2.73198	0.1551114	2.5523055161605
(221096)	17.2	307.34360	223.01633	166.80179	5.11125	0.1879961	2.5958723161589	(221148)	16.1	326.69906	18.51489	35.45623	2.29155	0.2400460	2.6613069161605
(221097)	16.3	11.03232	340.12335	345.39054	6.11240	0.1190920	2.5553264161590	(221149)	16.7	314.56308	35.10678	341.08132	3.88180	0.0364989	2.6142600161606
(221098)	16.5	358.24289	315.81134	18.52158	10.09687	0.2321688	2.5565259161590	(221150)	15.9	315.17343	168.32560	202.12791	9.65374	0.1234933	2.6461006161606
(221099)	16.9	344.28535	262.34125	82.96443	2.96909	0.1503384	2.6226199161590	(221151)	17.6	16.25204	147.92552	165.55021	2.80156	0.1623625	2.5938142161606
(221100)	16.5	318.52434	184.76603	184.62996	13.07719	0.1933925	2.6769561161591	(221152)	16.4	307.07172	185.26132	191.44260	6.30933	0.0612511	2.7212433161607
(221101)	16.8	277.04022	47.40263	3.89621	4.30311	0.1027901	2.6747299161591	(221153)	17.0	2.38729	291.89797	39.17093	7.15131	0.1533807	2.4808337161607
(221102)	17.3	196.86411	278.03722	226.44746	1.45773	0.0543245	2.6053458161591	(221154)	15.2	330.02004	147.47031	226.30290	12.11921	0.2120453	2.6176571161607
(221103)	15.8	285.23030	50.33585	4.30573	13.90089	0.1498857	2.6490470161591	(221155)	16.5	33.77060	290.96043	345.33081	12.84653	0.2071617	2.6098237161608
(221104)	17.0	15.81842	264.26971	84.05554	2.41263	0.1960174	2.3954528161592	(221156)	16.1	42.38523	53.92718	213.88888	13.10882	0.1025219	2.6770459161608
(221105)	15.7	132.02752	165.98302	21.54484	16.05043	0.1459554	2.6694247161592	(221157)	16.3	53.05784	324.86358	292.99681	5.21864	0.0754801	2.7069556161608
(221106)	17.5	245.34804	21.70106	81.10182	2.92030	0.0934949	2.5579505161593	(221158)	15.9	198.51380	100.00044	31.47252	11.88813	0.0219616	2.6789184161608
(221107)	16.8	312.46084	202.94166	168.74479	2.81772	0.1048685	2.6744130161593	(221159)	16.6	313.22021	30.34377	354.09628	7.34302	0.2732332	2.6435282161609
(221108)	15.4	314.65003	172.92044	213.79441	14.55512	0.1203377	2.6825006161593	(221160)	16.1	46.86094	266.70335	5.46609	7.28945	0.1922544	2.6336268161609
(221109)	17.8	314.28621	113.77547	314.21872	0.94432	0.1878735	2.4139600161593	(221161)	15.8	260.33974	124.18447	329.98130	11.20685	0.1329560	2.6155012161609
(221110)	16.5	325.03205	333.97785	43.63246	7.38235	0.1496601	2.4753805161594	(221162)	17.4	268.67396	64.91930	24.50685	2.93068	0.0986997	2.5426610161610
(221111)	16.5	305.91476	223.99228	188.42073	7.29675	0.1069949	2.4341681161594	(221163)	17.3	171.05524	173.87623	356.49173	1.45390	0.0779521	2.5779593161610
(221112)	16.2	207.31287	142.48105	359.12920	13.20180	0.0968529	2.5497989161594	(221164)	17.7	275.85496	262.78249	194.46720	11.94711	0.2366588	2.5374986161610
(221113)	16.1	112.59757	248.42752	326.17432	4.72572	0.1542537	2.5556129161595	(221165)	16.8	171.69883	161.96560	16.27395	7.61916	0.1352808	2.5931499161610
(221114)	17.0	37.30736	255.49046	37.94559	2.15406	0.0238614	2.6401456161595	(221166)	17.2	278.56706	230.72054	171.30006	4.10750	0.0715599	2.7694849161611
(221115)	15.7	278.48212	212.29392	210.01877	11.58819	0.1906498	2.6847104161595	(221167)	16.2	171.12041	119.24118	44.23740	5.81208	0.0942913	2.7173716161611
(221116)	16.6	46.90841	97.54411	166.14677	7.02947	0.1892098	2.4552409161595	(221168)	16.7	313.23447	206.67423	154.13238	1.99844	0.1093375	2.7483205161611
(221117)	16.6	280.07822	73.18158	26.15961	11.90577	0.2402651	2.5588550161596	(221169)	17.3	275.51393	287.57908	159.04484	3.84747	0.1652396	2.5147062161611
(221118)	15.5	356.85575	254.94893	64.27340	6.39272	0.1348945	2.7071619161596	(221170)	16.5	28.52262	166.76381	149.65372	4.45706	0.0675057	2.5590235161611
(221119)	16.0	18.86077	283.23379	29.13508	13.15680	0.2213592	2.4063195161597	(221171)	16.9	174.48939	235.32301	295.47485	3.32770	0.0274615	2.5943486161612
(221120)	16.0	321.19185	347.95230	49.46595	4.66013	0.2224145	2.6321393161597	(221172)	15.3	73.51871	342.29300	276.53213	10.90975	0.0231846	2.6238731161612
(221121)	15.7	308.49303	225.71587	159.87280	26.18395	0.0613310	2.5563787161597	(221173)	16.7	302.36341	67.65676	345.46510	10.16462	0.2864561	2.6141388161612
(221122)	16.3	320.64116	235.43509	138.74434	14.13419	0.1921094	2.5673847161598	(221174)	16.8	63.56972	207.44759	53.70157	0.66965	0.1414393	2.5979241161613
(221123)	15.9	284.19128	307.87861	113.17218	15.34465	0.0901952	2.5844159161598	(221175)	15.0	113.52751	340.10549	238.59127	12.68446	0.1476146	2.5748945161613
(221124)	16.3	263.07301	235.49591	192.36752	6.94978	0.1332722	2.7018277161598	(221176)	16.7	295.64237	239.94634	171.11001	7.60846	0.1863058	2.6190034161613
(221125)	16.7	334.26357	152.79495	210.21816	2.02852	0.0896060	2.6344459161599	(221177)	16.0	310.52794	215.06673	159.04038	7.08099	0.1101066	2.7046382161614
(221126)	17.0	252.35517	244.10478	202.73854	2.99902	0.0612629	2.7081366161599	(221178)	16.6	297.86750	136.60869	264.42671	1.04110	0.0881856	2.6370933161614
(221127)	16.5	48.24610	43.49281	221.72057	11.00455	0.1546675	2.6945127161599	(221179)	16.0	354.30726	255.17730	90.34888	2.90545	0.1437716	2.6397071161614

(221180)	15.3	248.77799	233.44962	235.50358	12.89926	0.1466748	2.6807250161615	(221232)	16.2	27.04004	277.38754	31.80521	4.14236	0.0757466	2.7171696161632
(221181)	16.7	163.78042	160.38037	16.81045	5.66990	0.0944108	2.6967303161615	(221233)	16.2	327.89714	330.85437	36.93108	6.57086	0.0435392	2.7447034161632
(221182)	17.1	86.40429	264.56362	342.36687	1.11095	0.0189169	2.7022998161615	(221234)	16.7	321.35107	0.05377	21.15026	3.19980	0.0929743	2.6803888161632
(221183)	16.4	314.98502	34.91096	4.91840	2.41445	0.2142721	2.6010892161615	(221235)	17.0	48.04046	322.04571	325.49634	0.03384	0.0404252	2.7643192161632
(221184)	16.1	311.67573	151.00132	232.16201	6.36555	0.0953868	2.7170378161616	(221236)	16.3	319.69269	146.51369	233.73795	2.14117	0.1054439	2.6883208161633
(221185)	15.8	204.09871	276.48505	227.87946	4.47695	0.0576404	2.6994183161616	(221237)	16.7	359.17647	105.21882	234.88786	1.64022	0.1593407	2.6279285161633
(221186)	15.7	279.67507	16.46365	54.05077	10.53145	0.1549414	2.7075136161617	(221238)	17.1	248.80126	262.35274	181.33127	2.13579	0.0255573	2.7744002161633
(221187)	16.8	294.16543	210.49633	197.41741	1.81980	0.0442291	2.6656694161617	(221239)	16.2	5.77276	257.73302	54.88344	5.67159	0.1190095	2.7669578161633
(221188)	16.4	317.79020	197.32982	189.68456	3.84386	0.2262741	2.6529470161617	(221240)	15.5	209.87308	301.00626	176.56667	11.53872	0.1614802	2.7999596161634
(221189)	15.5	315.14053	228.48434	192.14587	8.42187	0.1513591	2.5624384161618	(221241)	15.6	10.39303	222.91370	90.40079	12.65022	0.1060969	2.7010229161634
(221190)	16.3	328.63431	14.15448	347.53060	3.24595	0.1101467	2.7022089161618	(221242)	16.1	324.37242	309.66406	71.50015	3.18656	0.2153482	2.6691808161634
(221191)	16.5	357.57413	242.52808	102.21340	3.98177	0.1841170	2.5564056161618	(221243)	16.9	51.86490	294.09347	323.66680	3.19664	0.0729967	2.8440072161635
(221192)	15.9	37.96480	11.50433	264.93358	3.79713	0.0475802	2.7613882161619	(221244)	16.3	2.88461	279.46202	60.98949	3.27561	0.0206280	2.76676947161635
(221193)	16.1	347.21067	308.01138	37.12232	3.12388	0.0783904	2.7224036161619	(221245)	15.6	354.17721	254.74692	90.21086	6.69714	0.1285525	2.6649135161635
(221194)	15.7	277.89291	145.35693	274.90997	5.81464	0.0757172	2.6983630161619	(221246)	15.9	14.06049	106.89022	196.39719	8.61798	0.1492789	2.7620518161636
(221195)	16.0	241.22696	353.94969	95.12589	3.37270	0.0316518	2.7404674161620	(221247)	15.7	299.90095	331.59672	67.48783	14.79812	0.1998495	2.7173913161636
(221196)	16.2	333.77812	124.92367	243.55320	11.10218	0.2816649	2.5925569161620	(221248)	16.3	349.94139	8.71843	339.51428	4.34766	0.2747902	2.5894887161636
(221197)	16.2	336.30198	4.18398	8.00278	4.71383	0.2888901	2.5742752161620	(221249)	16.7	322.24366	46.94609	338.81031	2.94611	0.2513483	2.6362742161637
(221198)	16.4	345.93874	340.78700	3.02800	3.92238	0.2245907	2.6308764161621	(221250)	16.1	330.96840	339.68661	20.90241	7.22513	0.1322766	2.7287233161637
(221199)	16.3	277.06795	213.35330	217.11969	7.08062	0.1940513	2.7055559161621	(221251)	17.0	14.42785	128.74842	179.47548	2.26491	0.0509832	2.7470081161637
(221200)	16.1	335.74960	146.12697	219.09922	1.66626	0.1714920	2.6446493161622	(221252)	16.2	40.16511	207.76293	69.99745	3.76107	0.1525862	2.7144985161638
(221201)	15.9	354.73139	331.46380	6.38557	7.63819	0.0181218	2.6887529161622	(221253)	17.1	101.66656	75.25906	178.90640	3.26384	0.0215309	2.6207099161638
(221202)	16.6	225.09561	82.51036	64.92344	3.57893	0.0995433	2.6025824161622	(221254)	15.3	252.79345	166.36937	296.42999	17.88509	0.1436754	2.5802364161638
(221203)	16.1	274.62788	96.70156	313.70435	6.01687	0.1789434	2.7256821161623	(221255)	16.1	350.27387	79.88474	256.24451	4.17991	0.0740939	2.7086422161638
(221204)	16.9	273.21625	281.09785	167.94163	3.67439	0.1973354	2.5997171161623	(221256)	17.0	359.66391	228.63837	104.37395	2.77581	0.0999291	2.6313066161639
(221205)	15.8	252.50850	137.11795	305.12300	11.26762	0.1344731	2.7069986161623	(221257)	16.7	342.21543	248.91890	103.29807	4.73764	0.0944823	2.6503409161639
(221206)	16.4	319.90117	204.02768	182.46595	1.71022	0.1050348	2.6333945161624	(221258)	16.4	56.38089	300.81452	353.24389	2.87602	0.0583898	2.6082578161639
(221207)	15.9	292.04470	208.15586	201.30424	4.64545	0.1087719	2.7402559161624	(221259)	16.5	229.56735	283.22213	212.25903	2.26858	0.1065969	2.6465564161639
(221208)	16.3	342.79312	217.16400	136.63717	12.48450	0.1861783	2.6061358161624	(221260)	16.2	337.65776	203.77729	159.69128	5.51005	0.2092437	2.6397019161639
(221209)	15.9	320.52819	263.48265	117.55355	12.75809	0.2051792	2.6227006161624	(221261)	16.1	316.72397	176.52227	192.74577	9.32682	0.1018602	2.8041580161640
(221210)	15.4	316.71262	204.21294	208.61566	11.54892	0.0554048	2.5665195161625	(221262)	17.1	316.06128	359.79101	23.99058	2.41145	0.0357737	2.6683154161640
(221211)	15.7	330.48765	169.70751	207.31118	9.47650	0.2345268	2.6192234161625	(221263)	17.2	67.25930	31.05172	219.86215	2.31016	0.1401735	2.6750699161640
(221212)	16.1	334.27924	288.29349	72.54369	9.68638	0.2010564	2.6871364161626	(221264)	15.6	48.95893	87.91662	202.92292	13.86982	0.0324769	2.6353343161641
(221213)	16.5	301.78824	89.00135	292.44480	0.98629	0.0805054	2.8696648161626	(221265)	15.3	150.00925	300.57082	234.79169	18.72300	0.0803799	2.8932368161641
(221214)	16.7	170.82684	44.89333	139.92359	2.28669	0.0516888	2.5847245161626	(221266)	17.0	19.54354	228.35490	85.82956	2.52201	0.0572353	2.6090072161641
(221215)	17.0	24.79829	118.72637	197.91131	3.79728	0.1549344	2.5426423161627	(221267)	15.7	333.66322	262.25982	77.36580	15.99313	0.1617517	2.7302976161641
(221216)	15.6	24.37627	331.90040	338.77326	4.42259	0.1504869	2.6185441161627	(221268)	16.6	253.53047	80.72263	35.90291	10.04891	0.0463563	2.5480875161642
(221217)	15.8	325.53896	308.91451	51.79787	12.25771	0.2033736	2.6898262161627	(221269)	16.5	191.12178	15.82833	153.12473	2.95911	0.1822231	2.6764945161642
(221218)	16.1	71.29638	168.78141	87.38375	4.29375	0.0477538	2.7596645161628	(221270)	16.4	183.12745	136.97591	37.62426	3.92608	0.1293217	2.7419511161642
(221219)	16.3	294.30056	220.30147	172.37625	5.63099	0.0825537	2.7727630161628	(221271)	16.4	54.86891	337.33307	310.79637	1.03181	0.0328005	2.6622525161643
(221220)	16.9	308.85517	68.30875	349.03759	1.91442	0.1855635	2.6003690161628	(221272)	16.2	356.70809	177.45414	174.98352	2.55618	0.0704731	2.6099206161643
(221221)	16.1	317.64840	190.88573	182.07164	14.37462	0.1349024	2.6688238161628	(221273)	16.0	316.99748	303.36879	79.77021	5.99256	0.1322509	2.7297107161643
(221222)	16.4	13.10882	295.86217	9.35374	1.59468	0.0701522	2.8069071161629	(221274)	15.8	4.27343	341.99851	320.64122	11.77716	0.2559319	2.6252570161644
(221223)	16.6	7.06298	280.97508	37.81640	2.82970	0.1195472	2.7224901161629	(221275)	16.4	349.54974	254.78633	97.75287	2.88121	0.0923104	2.6385617161644
(221224)	17.0	346.14122	61.50946	264.06244	0.91981	0.0710883	2.8444208161629	(221276)	16.6	311.62156	229.46507	140.52130	4.28804	0.1077105	2.7846884161644
(221225)	15.6	292.94652	223.01891	185.51604	13.27163	0.1383631	2.7217094161629	(221277)	16.3	349.76603	194.16535	150.87617	3.96179	0.1756823	2.6434798161644
(221226)	16.3	236.66808	275.23312	202.90136	2.51091	0.0631085	2.6700826161630	(221278)	16.3	298.00205	228.54646	160.09757	5.49937	0.1748845	2.7636149161645
(221227)	16.5	155.36531	191.39391	13.68595	4.42793	0.0853167	2.6012215161630	(221279)	14.8	38.50002	278.40209	20.21187	13.07722	0.2015240	2.6346420161645
(221228)	15.5	53.44165	37.42798	218.25750	9.36939	0.2101528	2.7384810161630	(221280)	15.9	320.55197	189.27186	197.62714	13.46949	0.2483561	2.6200790161645
(221229)	17.4	5.49023	106.61512	219.31496	0.46711	0.0989482	2.6432814161631	(221281)	16.5	40.26137	342.86138	315.76133	3.61032	0.1486894	2.5543197161646
(221230)	16.3	276.24091	180.87913	239.72272	2.49181	0.0918494	2.7983316161631	(221282)	16.2	353.30579	353.55762	344.36329	5.31345	0.0632026	2.7131537161646
(221231)	16.4	309.44953	193.22147	187.70582	11.81712	0.1874553	2.6702835161631	(221283)	16.0	6.44703	320.07121	17.60624	5.92214	0.2125771	2.6173724161646

(221284)	16.1	352.02428	252.43508	99.73981	2.93373	0.1052936	2.6868000161646	(221336)	15.3	336.48564	352.37171	25.38139	13.66948	0.2903053	2.6447466161661
(221285)	16.4	107.94854	250.41783	331.26574	3.80982	0.0967661	2.5617396161647	(221337)	16.0	44.58086	49.87333	211.66283	1.22494	0.0120717	3.0596593161662
(221286)	16.6	339.59951	63.37058	270.02943	0.95723	0.0775007	2.8910610161647	(221338)	15.9	343.71896	112.89066	251.26185	5.62214	0.0650858	2.7124386161662
(221287)	16.6	25.32324	105.57588	194.52743	5.53327	0.1108622	2.6703693161647	(221339)	16.8	346.77499	29.73239	315.36406	2.99449	0.1102721	2.7906849161662
(221288)	15.8	7.73034	166.53167	157.13012	13.49823	0.2560215	2.5913185161647	(221340)	16.0	339.02654	322.22400	62.51436	6.13683	0.2732804	2.5800535161662
(221289)	15.6	344.16122	243.03686	104.89445	14.31459	0.2153924	2.6105654161648	(221341)	16.1	5.92964	125.68418	199.48142	1.24600	0.0702277	2.8884691161663
(221290)	16.2	336.30116	121.14583	239.13923	13.88414	0.0847330	2.5675222161648	(221342)	15.3	166.15468	293.24661	236.26500	6.60829	0.0835613	3.1141150161663
(221291)	15.8	269.29984	181.31601	239.31116	13.43019	0.0479964	2.6906134161648	(221343)	15.5	273.21451	333.35623	119.67036	7.20367	0.1316733	2.7826944161663
(221292)	15.7	323.22421	24.11134	1.79713	7.78645	0.1924587	2.6392505161648	(221344)	15.9	256.44686	202.46540	241.88443	3.17349	0.0314522	2.7787891161663
(221293)	16.1	298.02636	37.86965	7.18076	9.27555	0.1134901	2.7265328161649	(221345)	15.6	106.14293	161.93012	57.07527	1.96830	0.1237850	3.0686198161664
(221294)	16.0	11.80977	8.49748	310.59688	2.78005	0.0915675	2.7901431161649	(221346)	16.1	224.70352	269.47939	210.39166	6.49482	0.1322461	2.6885466161664
(221295)	16.5	1.63053	283.66124	35.47980	3.60248	0.1409137	2.8116876161649	(221347)	16.4	354.92063	126.39214	217.95962	2.11138	0.1098377	2.7125502161664
(221296)	16.4	267.60724	297.54368	162.22405	6.25943	0.2320452	2.6344916161650	(221348)	16.2	345.64643	121.33825	238.17199	3.60091	0.3447574	2.5949639161665
(221297)	17.0	265.16533	121.70864	317.82056	2.45126	0.0944781	2.6243142161650	(221349)	15.1	69.51756	174.11396	83.21131	11.70536	0.1221467	3.0007182161665
(221298)	16.0	356.31496	2.21460	324.83396	14.91032	0.1499663	2.6087307161650	(221350)	14.7	272.52019	239.67389	234.62519	33.59422	0.0616845	2.5865077161665
(221299)	15.7	355.19269	336.92300	352.30488	6.70740	0.1172047	2.7192038161650	(221351)	16.2	348.10806	166.54359	186.75775	1.68462	0.1012940	2.6845823161666
(221300)	15.9	310.00027	43.06190	335.04166	11.44502	0.1903984	2.7089193161651	(221352)	16.1	47.83346	217.29413	85.48163	2.58663	0.0634250	2.7082984161666
(221301)	16.1	278.12058	280.74669	154.65506	13.74869	0.1638840	2.7140945161651	(221353)	16.3	322.35608	49.82731	334.16087	3.29591	0.1545282	2.7066252161666
(221302)	16.1	9.07424	145.60133	182.73120	14.11968	0.1924553	2.6035807161651	(221354)	16.5	340.40683	343.20649	10.54777	3.50350	0.1739841	2.7209684161666
(221303)	16.4	346.28876	181.65371	171.39961	14.68886	0.2676101	2.6123147161651	(221355)	15.8	240.09200	248.13507	234.77287	7.51445	0.2395015	2.7634974161667
(221304)	16.4	10.17886	41.61715	272.79445	3.18117	0.0639474	2.7894783161652	(221356)	15.7	354.82327	75.70113	246.32443	5.99893	0.1263035	2.8542247161667
(221305)	16.6	18.98071	79.53483	231.23604	5.46840	0.0326010	2.8145103161652	(221357)	16.7	32.52686	12.22701	288.00719	1.02119	0.0460391	2.8709605161667
(221306)	16.6	257.34483	263.55129	155.91450	5.56138	0.0301351	2.7240321161652	(221358)	15.4	291.07155	119.04305	279.96910	8.31333	0.0521907	3.0844962161667
(221307)	16.6	268.88020	224.55690	206.16899	3.55517	0.0824266	2.8085515161652	(221359)	15.4	1.84185	248.64882	79.00159	15.74723	0.1288821	2.6827429161668
(221308)	16.6	323.58615	181.77734	181.11196	5.30489	0.0799713	2.7130283161653	(221360)	15.9	8.38784	329.11192	15.29340	3.34998	0.1591184	2.5982316161668
(221309)	15.8	10.99705	47.22503	289.00102	7.12045	0.2052751	2.5457221161653	(221361)	15.6	38.24979	243.05147	75.02982	4.60420	0.0362849	2.7531053161668
(221310)	16.1	29.84648	0.12120	313.21560	12.76180	0.1450741	2.5437112161653	(221362)	15.0	40.90030	189.95515	99.88247	5.29049	0.1780657	3.1626069161668
(221311)	15.4	309.11773	205.41693	193.63394	14.06379	0.1073419	2.6730027161654	(221363)	15.5	27.55899	193.43505	128.17167	15.17639	0.1702916	2.6132099161669
(221312)	16.0	281.04309	222.59928	207.93840	8.95498	0.1496900	2.7530860161654	(221364)	16.7	225.75334	284.63152	214.03756	1.71206	0.0251407	2.6842159161669
(221313)	16.5	358.10619	73.70889	259.58606	3.91111	0.2634858	2.5769419161654	(221365)	16.2	307.12987	122.01717	271.93745	6.79472	0.2944253	2.7238193161669
(221314)	15.5	3.24701	226.21328	90.53308	10.23103	0.1362843	2.7138230161654	(221366)	15.5	180.31476	313.40971	230.23373	8.22603	0.1990350	2.6993005161670
(221315)	15.9	353.00143	166.14994	186.27504	10.13856	0.2534924	2.5873130161655	(221367)	17.1	7.49044	27.89786	295.12369	1.01748	0.0641879	2.8396732161670
(221316)	16.7	306.08639	226.15465	164.80810	7.27675	0.1342057	2.6613712161655	(221368)	15.6	268.81831	123.43868	322.73759	15.02385	0.1367119	2.6460110161670
(221317)	16.0	30.10023	129.31276	166.45141	9.92165	0.0871861	2.6925183161655	(221369)	15.8	303.39314	282.22345	117.16293	12.13227	0.0676867	2.6901725161670
(221318)	15.6	321.95227	235.32883	174.85951	4.36965	0.1166745	2.5966290161656	(221370)	15.2	314.56157	301.68610	70.21398	11.25799	0.1159666	2.9289448161671
(221319)	15.4	15.23460	125.17346	197.39303	11.91499	0.1478773	2.6303809161656	(221371)	16.3	329.23544	227.56907	169.56841	7.86078	0.1955337	2.5836393161671
(221320)	16.4	93.31702	260.80246	327.67329	1.59781	0.0484257	2.7542599161656	(221372)	16.0	9.04514	306.22168	36.47626	5.52701	0.3037110	2.5544829161671
(221321)	16.5	347.36353	185.32615	186.96218	4.88532	0.1497389	2.6023374161657	(221373)	16.3	323.54441	156.53198	242.18065	1.63664	0.1100723	2.6522488161671
(221322)	16.3	15.16714	83.64670	242.27939	6.91964	0.2193365	2.5741826161657	(221374)	17.1	321.78409	96.65738	295.04459	1.69823	0.0901665	2.6931522161672
(221323)	15.0	330.00175	57.51027	321.69193	14.37486	0.0802666	2.6178071161657	(221375)	16.3	304.57109	359.68363	44.07079	5.05318	0.1101163	2.7648229161672
(221324)	14.7	244.29619	134.77799	11.88512	12.85363	0.2254285	2.5827233161658	(221376)	16.7	17.15480	143.03738	293.72322	6.95051	0.1835946	2.2731595161672
(221325)	16.1	308.66982	358.07655	54.00002	15.54673	0.2457192	2.6179307161658	(221377)	16.5	300.49278	225.28957	195.77349	2.85706	0.0988612	2.7129024161673
(221326)	16.3	311.92493	349.41475	52.43604	4.54351	0.1865554	2.6552313161658	(221378)	16.6	295.55559	42.46997	41.74618	7.93014	0.2917306	2.6858870161673
(221327)	16.2	159.85045	146.42097	53.04348	7.12441	0.1038330	2.6157245161659	(221379)	16.1	193.41073	306.56353	177.68320	1.57722	0.0395159	3.0836613161673
(221328)	15.8	341.38172	220.78521	151.24516	14.77272	0.1334749	2.5999722161659	(221380)	14.3	169.95387	224.79616	301.29414	14.96786	0.0594200	3.2184348161673
(221329)	15.7	291.26508	78.39414	320.89988	3.65500	0.1952062	3.1674261161659	(221381)	15.1	109.55846	314.20837	269.99119	4.28301	0.1151770	3.1745475161674
(221330)	16.8	121.48696	288.87626	299.19272	0.72959	0.0107262	2.7157883161659	(221382)	16.9	1.27520	27.33553	308.87014	3.98644	0.0833390	2.7694008161674
(221331)	16.4	14.40159	146.67877	153.13098	6.99471	0.0212433	2.7501442161660	(221383)	17.4	301.21580	290.79830	119.89616	1.70064	0.0627511	2.7689115161674
(221332)	16.4	341.92124	263.35374	74.57395	3.03557	0.0867811	2.8774782161660	(221384)	16.6	245.41211	203.12429	272.79053	1.33755	0.0326297	2.9580400161674
(221333)	14.9	248.50901	129.60426	358.22462	32.04187	0.1955674	2.6115067161660	(221385)	16.4	351.74692	190.43721	140.81773	2.84880	0.1106574	2.8376249161675
(221334)	15.3	28.98294	317.36456	337.57328	11.22532	0.1793142	2.6154314161661	(221386)	15.4	163.99938	73.40253	107.33487	6.03465	0.1153779	3.1432328161675
(221335)	16.4	303.95298	33.23230	8.18391	5.24824	0.0647411	2.6938296161661	(221387)	15.0	329.80369	266.42877	102.75559	12.28629	0.0441957	3.0784379161675

(221388)	16.6	0.60787	152.47243	220.87445	0.27732	0.1796374	2.6871223161676	(221440)	15.4	324.13574	342.94477	72.46150	10.57559	0.1564835	2.7538030161689
(221389)	15.7	196.06739	227.64207	294.16836	6.20718	0.0638647	3.0069444161676	(221441)	14.6	9.06433	256.90174	85.01425	17.58010	0.1269551	3.1153992161690
(221390)	16.2	243.74429	298.29527	170.16695	2.65624	0.1133228	3.0116239161676	(221442)	16.7	22.21530	318.20225	15.54144	2.33553	0.0963163	2.9560866161690
(221391)	15.7	102.49673	101.44875	138.44813	1.92176	0.1171397	3.1651028161676	(221443)	14.8	120.70074	145.07482	75.81114	9.28921	0.0859496	3.1376265161690
(221392)	15.4	294.37861	118.44066	320.77153	11.71079	0.1746405	2.7581096161677	(221444)	17.0	308.39465	239.01802	161.11347	0.09193	0.0955699	2.9855068161690
(221393)	15.2	347.92904	226.92281	116.42737	17.36735	0.0961625	3.1155415161677	(221445)	16.4	315.25759	152.42931	239.97541	0.89714	0.0971696	2.9515273161691
(221394)	16.9	265.20698	264.38487	189.85754	1.73787	0.0251767	2.8691682161677	(221446)	16.1	246.58564	203.21832	268.71780	2.44819	0.1664872	2.9746894161691
(221395)	16.8	297.17920	125.79555	279.93330	1.78085	0.0871925	3.0083470161677	(221447)	15.1	189.69464	16.45807	144.29537	9.56960	0.1148993	3.2092674161691
(221396)	15.5	192.76445	17.22028	141.60950	3.30518	0.1198833	3.0808027161678	(221448)	14.5	229.01679	132.86770	16.82153	18.88318	0.1018166	3.1131646161692
(221397)	17.0	165.94340	257.05800	298.70742	0.99807	0.0179087	2.6716063161678	(221449)	15.0	252.38867	279.90553	169.75262	10.13940	0.0625078	3.1565319161692
(221398)	15.9	56.25624	119.48152	172.97321	1.99602	0.0789010	3.0540120161678	(221450)	15.8	165.76271	38.98898	153.69134	5.47858	0.0772050	3.1754405161692
(221399)	15.9	21.11893	223.03686	81.57576	3.49074	0.2091236	3.0550238161679	(221451)	15.8	313.24425	52.27540	9.79058	12.18003	0.2931432	2.5731457161692
(221400)	15.8	350.42889	263.26209	82.88776	5.30309	0.0822209	3.0328224161679	(221452)	15.6	322.27404	285.67750	114.75180	2.99503	0.0609514	2.9759682161693
(221401)	16.1	125.19995	205.09702	16.16366	1.64708	0.1015773	3.0907126161679	(221453)	14.4	237.84508	187.00873	281.95818	14.90164	0.0260861	3.1756922161693
(221402)	15.2	131.02034	213.16203	342.38879	4.76112	0.0699540	3.1929112161679	(221454)	15.3	73.47707	5.49766	247.47887	8.35868	0.0217112	3.1542203161693
(221403)	16.7	214.44212	150.94394	348.52524	1.38548	0.0867588	2.9909227161680	(221455)	19.5	13.16253	233.43454	21.74324	0.93651	0.6602595	2.0137441161694
(221404)	15.9	15.73524	113.77301	208.66400	1.27008	0.0449071	3.0989307161680	(221456)	15.7	233.33495	315.30628	161.99417	1.72615	0.1472228	3.1464179161695
(221405)	15.2	8.15917	210.03368	111.98723	12.55994	0.2202199	3.0508528161680	(221457)	15.7	334.88993	43.59175	338.53759	0.77193	0.1409130	3.1386901161695
(221406)	16.2	335.91810	344.36502	28.51010	2.34067	0.0822071	2.8819767161680	(221458)	15.2	219.74039	349.05170	140.57958	10.34276	0.0354115	3.1746842161695
(221407)	15.7	32.95894	118.70362	196.34944	1.50486	0.0821198	2.9160715161681	(221459)	16.0	289.62436	23.80429	84.05314	2.99703	0.0252970	2.7628812161695
(221408)	14.7	120.56251	285.01866	304.80217	8.54144	0.0457324	3.0790485161681	(221460)	15.3	103.94010	283.35084	327.93637	6.67959	0.0929813	3.1880467161696
(221409)	16.2	235.29553	106.25503	1.91828	2.58824	0.1323433	3.0695984161681	(221461)	16.0	14.83161	203.06608	120.26761	2.12902	0.1899645	3.1998991161696
(221410)	15.0	324.47848	286.48419	77.06850	10.77596	0.0902172	2.9844831161681	(221462)	15.8	269.74579	301.72500	161.64019	2.45793	0.0372998	2.8979095161696
(221411)	15.6	220.59216	147.17398	335.60202	4.04536	0.1516894	3.0886984161682	(221463)	15.8	303.48072	58.47728	337.13828	7.33429	0.1715040	3.1033358161697
(221412)	15.9	273.46652	25.61394	72.24559	5.80997	0.0714014	2.7711825161682	(221464)	15.5	324.64660	259.52362	120.83709	6.49501	0.1833049	3.0732959161697
(221413)	15.5	347.71133	46.68033	307.61612	9.51237	0.1263380	3.0939951161682	(221465)	14.8	321.64656	58.65849	330.98594	16.60520	0.1738787	3.1427462161697
(221414)	14.8	177.63557	191.30923	323.65664	9.11457	0.0717114	3.1867128161683	(221466)	16.0	259.71154	286.66136	158.59554	11.49788	0.2340033	3.1367910161697
(221415)	15.3	21.55477	230.86675	84.85506	5.64704	0.1008204	3.0399303161683	(221467)	16.0	187.11659	61.82726	124.85586	2.92641	0.0681352	3.1548006161698
(221416)	16.1	280.56292	349.93529	98.38939	3.35884	0.0645712	2.9143287161683	(221468)	16.2	209.23873	115.34880	40.64155	1.09221	0.1166161	3.0708652161698
(221417)	15.5	38.95545	243.64356	65.80563	2.03164	0.1058631	3.1264947161683	(221469)	15.0	38.91600	143.94018	155.57536	14.99736	0.0287520	3.4477639161698
(221418)	16.5	181.23405	214.84306	305.43913	0.70613	0.0768685	2.9663655161684	(221470)	15.5	305.64775	252.59404	141.03419	13.77915	0.1453457	3.0297838161698
(221419)	14.7	194.94979	165.25723	349.21835	16.89009	0.1342943	3.1151207161684	(221471)	15.5	223.31339	330.20914	156.88718	12.88560	0.1201900	3.1834475161699
(221420)	14.5	239.41241	119.04108	330.60821	26.28051	0.1147262	3.1920018161684	(221472)	14.9	316.16935	279.81863	116.30686	13.77156	0.0530444	3.0695941161699
(221421)	14.4	265.13314	153.27354	296.48399	15.58094	0.0796189	3.0747671161684	(221473)	14.7	309.87335	265.19602	132.45604	21.93665	0.1271834	3.1517524161699
(221422)	15.0	273.91097	165.55323	286.22100	10.92782	0.0721046	2.9884821161685	(221474)	15.4	232.38860	39.15389	107.07395	1.70748	0.1229142	3.0839318161699
(221423)	15.9	4.22272	231.26818	105.99386	2.64380	0.0885878	3.0181301161685	(221475)	15.5	342.88990	234.93044	144.38469	11.83394	0.0580870	2.9743329161700
(221424)	16.9	311.82078	159.66016	258.11572	0.82006	0.2046462	2.7107061161685	(221476)	16.3	131.87621	188.50409	31.25163	1.89061	0.0768569	3.0522624161700
(221425)	16.1	298.76478	37.94132	8.69337	8.35246	0.1336420	2.7498288161686	(221477)	14.9	17.72393	358.91560	338.15927	4.20113	0.1552543	3.0510897161700
(221426)	16.5	329.25098	77.48779	319.11529	1.18583	0.0743689	2.8859379161686	(221478)	16.4	301.46247	38.60471	10.89293	1.99146	0.0747402	3.0542567161700
(221427)	16.4	15.37068	340.15315	342.37084	3.34141	0.0576121	3.0059290161686	(221479)	15.9	308.22798	273.19386	122.05527	2.32252	0.1632284	3.1911608161701
(221428)	14.1	241.41489	199.42502	276.52886	26.20167	0.1035114	3.1586515161686	(221480)	16.2	254.06188	78.24074	26.71842	1.05757	0.1394601	3.0991958161701
(221429)	15.8	315.42459	326.57971	62.37011	2.89096	0.0771819	2.8857713161687	(221481)	16.5	322.21442	241.51746	152.88309	2.67819	0.0549081	3.0121806161701
(221430)	16.3	283.73265	66.36931	345.80705	1.35652	0.0595233	2.8771911161687	(221482)	15.9	274.18313	108.61290	329.29762	0.86197	0.0694430	3.1828907161701
(221431)	16.4	356.54322	269.15660	71.83010	2.49833	0.1017561	3.0142377161687	(221483)	15.9	313.10105	309.31815	87.14697	2.84569	0.1692760	3.2348699161702
(221432)	16.0	144.40645	328.09055	238.95377	3.38036	0.1134953	3.1739798161687	(221484)	15.4	325.60555	9.26249	17.11437	2.73559	0.1853474	3.2169484161702
(221433)	16.6	50.92069	108.52037	204.14900	3.05818	0.0335581	2.9143284161688	(221485)	14.7	314.87716	58.80630	347.62901	8.74236	0.1190671	2.9961023161702
(221434)	15.5	114.20418	351.45631	246.10017	3.89768	0.1044098	3.1914154161688	(221486)	15.2	306.88708	247.31208	143.48954	10.72353	0.1248218	3.1416756161703
(221435)	15.7	201.14267	184.93631	340.10738	5.01321	0.1789341	3.0512595161688	(221487)	15.6	348.74605	211.71552	181.06409	1.86175	0.0708270	2.8609176161703
(221436)	14.7	332.32180	10.77935	356.57999	9.55634	0.0776500	3.1481000161688	(221488)	15.4	246.77706	130.38568	334.74082	7.90963	0.1869795	3.1125120161703
(221437)	15.6	189.31858	352.16355	159.50046	1.10603	0.1038014	3.2284029161689	(221489)	16.3	254.15304	306.68046	154.74105	2.04764	0.1236986	3.1178998161703
(221438)	16.6	277.99346	235.09035	200.99670	0.84292	0.1564245	3.0075360161689	(221490)	15.9	295.25739	47.36653	4.73391	0.11644	0.0207216	3.2174124161704
(221439)	15.5	282.90629	58.90186	8.82481	10.98279	0.1763034	2.9813920161689	(221491)	15.2	234.28587	139.56684	351.04120	16.80990	0.1851955	3.1085540161704

(221492)	15.6	316.94482	46.04152	36.14082	2.18645	0.0550013	2.9125586161704	(221544)	17.7	318.81651	27.12131	335.97284	2.80731	0.2019981	2.1861763161719
(221493)	15.0	226.29714	273.05163	222.51359	4.13141	0.1136314	3.2249165161704	(221545)	16.9	65.53984	6.29245	237.55479	6.21899	0.1466859	2.3051268161719
(221494)	16.2	150.82509	49.57834	166.68406	2.58509	0.0902341	3.1756084161705	(221546)	16.9	60.90524	243.78018	11.20459	2.69308	0.1218503	2.2887694161719
(221495)	16.0	231.88004	315.71741	168.42818	0.68134	0.1252472	3.1543198161705	(221547)	17.5	344.71361	207.72368	125.32739	2.78232	0.1833357	2.1736003161720
(221496)	14.9	268.37109	95.28907	350.84668	16.77275	0.1350784	3.1417710161705	(221548)	17.6	115.79956	4.79324	201.44339	4.78550	0.1085943	2.2045374161720
(221497)	15.5	234.73218	169.50372	325.41056	2.35094	0.1121882	3.1374930161705	(221549)	17.7	24.84421	293.28367	349.32768	3.36201	0.1351934	2.2284021161720
(221498)	15.4	318.44497	253.85182	161.73835	9.49998	0.1398502	3.0523723161706	(221550)	16.8	273.04768	0.30556	60.63271	5.41037	0.0977078	2.2066825161720
(221499)	15.2	285.55696	54.86584	11.29345	13.54345	0.1035092	3.1339896161706	(221551)	16.1	306.80684	134.64472	243.87483	6.91782	0.1293022	2.2104401161721
(221500)	15.9	236.77476	83.97712	42.87276	1.78194	0.1333746	3.1853734161706	(221552)	17.3	326.35779	209.33867	155.14150	3.32194	0.1481088	2.1879394161721
(221501)	15.8	328.60007	227.59577	153.50352	7.63513	0.1600386	3.2166237161707	(221553)	17.1	253.89417	352.63414	91.77679	4.85050	0.0845610	2.1959894161722
(221502)	14.4	309.21539	47.96739	7.93513	10.14677	0.0727736	3.1351579161707	(221554)	17.2	347.87115	350.46651	335.46332	3.51004	0.1947714	2.2019577161722
(221503)	16.0	331.28931	182.68663	237.01101	0.62069	0.2130928	2.9940764161707	(221555)	17.4	25.24254	204.69660	78.79261	3.96902	0.1453773	2.1513818161722
(221504)	14.6	352.58163	341.71564	28.30159	12.01132	0.1549472	3.0604146161707	(221556)	16.8	259.46843	258.32448	173.80619	6.20288	0.0677858	2.2391060161722
(221505)	14.6	215.85277	325.67382	189.44376	11.28133	0.1459253	3.1459488161708	(221557)	17.6	348.57553	180.77869	147.97370	5.64965	0.2227143	2.1619450161723
(221506)	15.0	251.32006	156.87382	321.53289	16.08061	0.1492397	3.1323078161708	(221558)	17.4	257.68588	78.51152	12.66948	3.65044	0.0867839	2.2000819161723
(221507)	14.5	0.46476	278.12126	47.18234	3.13342	0.1295011	3.9572275161708	(221559)	17.5	170.49347	24.11273	132.77003	1.93468	0.1764675	2.2807343161723
(221508)	15.9	336.83298	306.69420	83.68268	3.53808	0.0810015	3.1425088161708	(221560)	16.7	152.68851	172.98905	18.67335	5.05445	0.0756940	2.1754515161724
(221509)	15.9	17.63112	63.58498	353.27613	5.98548	0.0581027	2.7587310161709	(221561)	17.5	70.02082	359.38322	236.83079	3.71176	0.1762957	2.2192605161724
(221510)	16.1	298.75167	58.46291	6.79436	6.13895	0.1992995	3.1237189161709	(221562)	17.5	270.37846	229.32671	197.69310	2.20224	0.1098677	2.2157999161724
(221511)	15.9	303.35383	250.19684	177.13894	3.78266	0.1721072	3.1199996161709	(221563)	17.2	324.22538	178.09274	189.09376	2.93805	0.1430432	2.1840969161724
(221512)	16.0	275.38220	46.22096	44.14956	1.63977	0.2353686	3.0636734161709	(221564)	17.7	59.21176	55.90797	197.99282	4.24224	0.0912434	2.2445639161725
(221513)	14.3	158.08972	357.03947	276.30810	14.11247	0.2437110	3.1375580161710	(221565)	16.6	346.45280	9.15504	318.33195	6.45228	0.1517567	2.2455098161725
(221514)	15.4	244.53759	288.49495	205.07839	4.64016	0.1367048	3.1981153161710	(221566)	16.4	302.41632	285.71002	108.23646	2.22341	0.1821600	2.4611548161725
(221515)	16.0	79.16634	319.05541	48.78509	2.65121	0.1987927	2.9829214161710	(221567)	16.8	350.29644	33.81279	278.49533	7.21425	0.1484376	2.2743296161726
(221516)	17.0	251.78463	208.43900	259.22616	17.91349	0.1143636	1.9230500161710	(221568)	17.1	33.53464	184.61746	113.68731	1.89897	0.0992111	2.2227332161726
(221517)	17.6	161.41865	339.20249	166.89496	5.32198	0.0886129	2.2674314161711	(221569)	17.7	146.44600	288.35442	250.41887	2.93113	0.0797067	2.3242519161726
(221518)	18.3	334.04760	232.88406	121.67520	1.37603	0.0837689	2.1246859161711	(221570)	16.6	43.85634	238.11565	38.12186	7.07366	0.1249788	2.302980161726
(221519)	17.9	282.60195	218.34964	186.03816	5.11024	0.0859169	2.1572898161711	(221571)	17.0	28.75338	326.97462	300.26982	2.96503	0.1238868	2.3964867161727
(221520)	17.4	355.92328	335.66089	319.50597	6.48690	0.1455482	2.2167178161711	(221572)	16.8	311.09019	321.04505	51.83252	8.15799	0.2561198	2.2349193161727
(221521)	18.0	320.56823	100.76288	245.09084	5.90963	0.1779141	2.1840951161712	(221573)	17.4	346.62169	219.79234	109.63384	2.55073	0.1754963	2.2462569161727
(221522)	16.9	308.60094	13.52686	23.82287	4.56467	0.1402298	2.1390749161712	(221574)	17.9	311.30359	63.79696	310.83493	0.76543	0.1739923	2.2378465161727
(221523)	17.7	30.03820	192.00006	88.01121	2.43025	0.1712539	2.1484730161712	(221575)	17.5	27.12758	228.94610	69.71000	5.30816	0.1689264	2.2272877161728
(221524)	17.1	289.47883	208.68621	197.84373	5.75675	0.133572	2.1755396161713	(221576)	17.0	273.02431	87.61460	327.64423	4.53063	0.1468762	2.2599204161728
(221525)	17.8	47.79360	242.99354	25.98227	4.37678	0.1357957	2.2175784161713	(221577)	16.9	95.17250	157.44675	70.56808	3.60553	0.1322110	2.3821035161728
(221526)	17.1	118.58931	20.94116	179.55560	3.25142	0.1523781	2.3139877161713	(221578)	17.4	294.36524	139.04726	264.75300	3.49655	0.1459774	2.2045483161729
(221527)	15.6	4.11188	216.09034	99.29686	22.80235	0.0379075	2.6686930161714	(221579)	17.0	258.49983	153.77741	271.13153	5.68127	0.0877593	2.3066708161729
(221528)	18.0	3.75036	225.25953	74.19623	5.42300	0.1790195	2.1587072161714	(221580)	17.2	317.62522	323.57636	44.18627	7.63131	0.2559260	2.2122716161729
(221529)	16.7	309.63517	288.08510	84.71574	5.93299	0.0581688	2.2857045161714	(221581)	16.6	341.06767	263.51547	77.16767	7.39263	0.1557935	2.2409932161730
(221530)	17.5	34.45013	225.19063	55.23215	5.99221	0.1645203	2.2217029161715	(221582)	17.5	51.11402	35.14720	218.08772	5.73380	0.0752972	2.2773754161730
(221531)	17.0	302.71212	299.58967	76.78990	4.42458	0.1332146	2.2681388161715	(221583)	17.4	279.87407	50.50004	11.89020	8.24518	0.1601087	2.2125043161730
(221532)	17.3	34.23931	258.89033	19.97953	6.08936	0.1645060	2.2399495161715	(221584)	16.8	22.92420	204.37930	72.77501	3.87425	0.1720002	2.3730829161730
(221533)	17.1	290.19135	33.36230	4.07772	4.84291	0.1330983	2.1951598161715	(221585)	17.0	335.16668	256.57107	87.75074	7.97676	0.1631912	2.2373335161731
(221534)	16.7	117.41530	253.86143	305.41457	4.52957	0.0819245	2.2863302161716	(221586)	16.4	149.44701	269.26804	270.06846	6.15612	0.0486644	2.3322761161731
(221535)	17.1	13.16764	320.94201	329.57366	4.23676	0.1628106	2.2384475161716	(221587)	17.4	170.36871	349.12275	177.95740	4.63516	0.1136090	2.2987452161731
(221536)	17.7	15.23463	332.19879	331.51968	3.41466	0.1314813	2.1782495161716	(221588)	17.3	345.25188	356.19242	347.37965	5.33824	0.1746366	2.1671256161731
(221537)	17.5	8.86655	348.74702	317.04820	3.21871	0.1724371	2.1600861161717	(221589)	17.8	11.78217	307.65419	16.15567	4.19376	0.1416552	2.1170914161732
(221538)	16.6	330.57317	351.74731	355.24118	3.59462	0.1420916	2.2111728161717	(221590)	16.7	136.52105	269.57447	293.68037	4.69506	0.0916561	2.2319156161732
(221539)	17.5	343.32346	113.83634	239.33530	5.07181	0.0469298	2.1797976161717	(221591)	17.6	336.97951	120.35615	223.06900	3.33204	0.1916110	2.2280180161732
(221540)	16.1	339.02135	241.86346	98.60929	3.46854	0.1967854	2.4199983161717	(221592)	16.5	332.53805	328.05400	50.99941	5.34981	0.2094829	2.2038727161732
(221541)	16.9	10.29085	47.16963	231.36253	6.56686	0.1072881	2.2969258161718	(221593)	17.0	298.54570	24.03947	2.04294	2.33400	0.0403761	2.2310799161733
(221542)	12.4	319.64246	301.48799	140.88993	26.29122	0.0673999	5.1460313161718	(221594)	16.8	304.41776	204.46362	199.33439	7.20637	0.1866956	2.2033035161733
(221543)	17.0	338.28164	253.35023	82.82887	5.13140	0.1917993	2.1865845161718	(221595)	16.6	48.49679	56.30658	203.39332	5.51507	0.1302907	2.3769719161733

(221596)	16.3	100.74217	45.47554	149.67869	5.30315	0.1692305	2.6158067161734	(221648)	17.1	226.97509	177.58587	300.90782	1.89429	0.1664183	2.5581352161748
(221597)	17.3	111.92684	166.44805	58.36540	4.68141	0.1196832	2.3137657161734	(221649)	16.3	355.50380	352.22130	341.13427	6.26518	0.0352051	2.6837270161748
(221598)	16.9	122.51321	229.44224	330.14871	3.26604	0.1209840	2.5485341161734	(221650)	16.6	250.59969	285.34184	172.55961	13.91494	0.1803467	2.4491735161748
(221599)	17.3	23.01939	234.65146	55.25540	3.59358	0.1595332	2.2985715161734	(221651)	15.9	37.21539	322.89479	326.77605	3.57561	0.0445935	2.7839190161748
(221600)	17.4	303.26044	229.87726	148.26376	4.50115	0.1810196	2.2609092161735	(221652)	17.8	311.03562	22.55891	6.62369	0.95414	0.1859411	2.4144374161749
(221601)	16.6	298.79451	344.87827	43.42883	4.17018	0.2210578	2.2892131161735	(221653)	17.1	278.74930	257.30722	146.50640	3.72896	0.0810096	2.7459992161749
(221602)	16.4	73.32281	321.24503	287.86154	6.90901	0.0795880	2.4791825161735	(221654)	16.5	235.34016	315.97430	143.28414	4.15551	0.0555136	2.6392040161749
(221603)	17.5	287.08546	284.34596	135.82219	2.74881	0.0186476	2.2768332161735	(221655)	15.4	58.08488	114.48398	138.95350	11.19088	0.0605374	3.0204603161749
(221604)	17.0	280.50466	173.10901	246.22466	2.50260	0.1619004	2.4709077161736	(221656)	16.8	298.58111	3.49608	43.66425	5.98545	0.2212022	2.4001789161750
(221605)	16.6	11.80460	53.06549	255.29661	4.95614	0.1013071	2.3548939161736	(221657)	16.4	218.51146	257.21384	228.87206	4.74213	0.0696043	2.5138126161750
(221606)	16.9	217.64947	106.75947	14.02490	1.92939	0.0830184	2.5551522161736	(221658)	16.2	266.04255	78.86292	340.36583	13.70258	0.0815219	2.5977839161750
(221607)	17.1	91.73148	317.58064	274.83144	0.60228	0.1416787	2.3809720161736	(221659)	16.4	131.82680	226.27009	331.23244	5.28104	0.0444570	2.7354895161751
(221608)	16.8	196.21753	320.10579	173.11020	5.22447	0.0525909	2.2216892161736	(221660)	15.6	53.52807	169.83753	98.77832	3.36982	0.1562651	3.0324171161751
(221609)	17.5	293.31479	219.88163	168.84457	0.60258	0.1478656	2.5221463161737	(221661)	16.3	96.34840	79.34207	153.28639	4.05470	0.0340865	2.7350886161751
(221610)	17.1	357.82407	299.38310	27.06913	3.20119	0.1970939	2.3898499161737	(221662)	15.7	136.26716	43.62031	152.34673	12.26971	0.0549681	2.7681619161751
(221611)	16.7	294.12621	292.52617	102.31275	8.03830	0.1127275	2.3040777161737	(221663)	16.9	263.70227	307.11765	138.34449	2.88563	0.1499720	2.4431756161752
(221612)	17.2	277.53743	355.32345	69.68778	3.75432	0.1335427	2.3011149161737	(221664)	15.1	67.79642	292.16861	320.50426	9.73796	0.1553679	3.0090661161752
(221613)	16.5	319.98233	71.74083	290.08765	7.64071	0.1628034	2.3622626161738	(221665)	16.5	31.99287	47.43555	225.10199	0.37096	0.1374306	3.2107157161752
(221614)	17.3	268.45153	336.74145	104.88838	4.39011	0.1296633	2.3183901161738	(221666)	16.6	6.34638	175.33504	142.76931	2.27630	0.0782885	2.8121185161752
(221615)	16.7	349.70666	240.40873	99.71898	11.18186	0.2653971	2.3371376161738	(221667)	17.0	242.25811	151.97249	336.14231	1.68704	0.1395085	2.4378100161753
(221616)	16.5	331.57510	245.30180	100.75133	5.25363	0.2581437	2.4177650161738	(221668)	16.5	219.08057	22.33114	123.91170	5.01471	0.0692432	2.4865467161753
(221617)	15.5	89.34796	299.53210	288.38976	10.61758	0.1028550	2.7901925161739	(221669)	14.9	223.30417	153.87674	331.16973	17.12309	0.1010484	2.6384030161753
(221618)	16.0	294.12578	283.15481	95.09623	12.23036	0.2267585	2.3487990161739	(221670)	16.5	296.34199	258.47348	169.18634	3.36001	0.1567987	2.3759592161754
(221619)	17.1	294.75591	45.83779	3.85295	3.29814	0.1526138	2.2890035161739	(221671)	14.8	148.36959	171.55170	355.64124	9.70985	0.1216261	3.1134487161754
(221620)	16.4	336.88582	258.13316	84.61249	9.55338	0.1617928	2.3054759161740	(221672)	16.1	59.07601	122.01660	150.96884	4.56012	0.0141094	2.7760107161754
(221621)	15.0	27.80816	18.93686	265.60890	24.12161	0.1926163	2.3936297161740	(221673)	16.6	356.15518	154.55531	184.09844	5.80421	0.0719229	2.7728687161755
(221622)	15.6	25.84646	327.42304	310.79938	7.43887	0.1128500	2.7717272161740	(221674)	16.7	283.55885	29.47016	44.84822	8.24956	0.3233831	2.2921631161755
(221623)	16.8	350.41752	243.58643	92.68429	8.26479	0.0862992	2.4238176161740	(221675)	16.5	290.03431	246.57754	166.39251	13.57216	0.1130260	2.5793402161755
(221624)	16.7	290.05947	280.67563	132.11488	5.97022	0.2026158	2.2849620161741	(221676)	15.4	284.95843	86.10543	348.91505	21.92305	0.0420522	2.6445299161756
(221625)	17.3	327.87423	218.62892	138.94819	2.87643	0.2221751	2.3920653161741	(221677)	16.2	339.91223	37.22752	338.56085	5.47163	0.0726874	2.5866267161756
(221626)	16.9	182.59475	76.47931	104.86556	3.51350	0.1756805	2.4171993161741	(221678)	15.8	219.54556	307.10837	156.41224	9.30101	0.0482999	2.9851316161756
(221627)	17.1	225.57091	300.58397	172.32795	2.27053	0.1581809	2.3371702161741	(221679)	15.7	132.06314	222.62535	342.90390	6.22699	0.1426305	3.0226481161756
(221628)	14.5	149.31668	175.63253	357.90659	32.39238	0.2432950	3.1477096161742	(221680)	16.3	50.97049	135.13794	145.19113	1.04738	0.1970907	3.1120351161757
(221629)	17.3	273.31746	304.02605	150.83415	2.15175	0.1566461	2.3349126161742	(221681)	15.8	151.80678	210.29112	341.88193	10.41434	0.0428635	2.7505889161757
(221630)	16.8	320.50571	46.61330	323.82252	5.88844	0.1451563	2.4289928161743	(221682)	16.8	320.33860	219.72484	164.91952	2.81293	0.1184058	2.6367215161757
(221631)	17.4	257.67839	258.09709	189.30695	2.14381	0.1691985	2.3605788161743	(221683)	16.7	29.81459	18.45744	286.64108	0.94702	0.0534264	2.8569461161757
(221632)	17.3	341.45601	152.99798	194.63425	1.79415	0.2194434	2.3833726161743	(221684)	16.3	325.98058	341.80378	19.04949	2.68376	0.1690984	2.8768653161758
(221633)	17.1	299.65782	324.43380	81.43995	6.47859	0.1469687	2.2961305161743	(221685)	16.2	28.75716	306.91718	352.99278	11.57554	0.0245997	2.9523499161758
(221634)	16.8	270.87843	188.12321	259.37830	3.39052	0.1015687	2.3880762161744	(221686)	15.3	17.72725	320.26741	348.97179	6.08559	0.1182881	3.1447825161758
(221635)	16.8	302.58705	3.67668	54.15652	6.26677	0.1465686	2.3006539161744	(221687)	17.2	294.89508	255.87551	166.09900	12.04339	0.2136912	2.4584972161758
(221636)	16.6	195.91269	322.31273	191.24864	2.11248	0.0425652	2.4733782161744	(221688)	15.6	124.68651	46.90104	163.43355	9.88313	0.1956804	3.1395680161759
(221637)	16.2	21.63421	153.57346	146.69384	5.52131	0.1004841	2.7573995161744	(221689)	16.7	269.53467	260.23742	211.10968	5.34354	0.0447681	3.297524161759
(221638)	15.7	150.56124	292.74961	329.15538	8.72820	0.0858426	2.7248848161745	(221690)	16.3	320.88447	48.80645	342.26663	4.34903	0.0182604	2.6397096161759
(221639)	16.9	316.66786	329.85946	50.08610	1.88303	0.1896441	2.4284905161745	(221691)	16.9	168.37129	64.73223	99.96973	2.48112	0.1322972	2.7844032161759
(221640)	17.4	325.24231	29.31535	344.83788	0.91630	0.1938601	2.3732746161745	(221692)	16.3	212.96450	304.44776	178.61643	4.78112	0.0465075	2.7467180161760
(221641)	17.5	295.30953	280.72830	114.16588	3.45747	0.1824243	2.4469697161746	(221693)	15.5	46.90031	103.20357	185.59120	9.25703	0.0521929	3.0500282161760
(221642)	16.3	112.51075	166.74339	50.74618	2.94797	0.0351855	2.8125400161746	(221694)	15.9	249.20949	273.29213	180.16477	9.62302	0.1082224	2.7835372161760
(221643)	16.2	343.31067	292.28293	64.13636	3.98450	0.0421205	2.6643720161746	(221695)	17.4	171.90788	297.40961	226.04539	4.41261	0.1107456	2.6329256161760
(221644)	16.4	289.71562	102.35562	327.48724	9.43953	0.1132566	2.3975551161746	(221696)	15.7	25.95173	156.33507	157.19025	7.06299	0.0478831	2.7087138161761
(221645)	16.9	246.54488	100.87725	14.93992	1.35132	0.1404964	2.4228863161747	(221697)	14.8	137.27289	16.98881	168.11065	28.18514	0.1028402	3.1643737161761
(221646)	17.3	246.70652	290.66968	185.99259	1.63671	0.1663418	2.4258775161747	(221698)	16.0	200.43499	134.17318	358.69349	4.10313	0.0099997	2.7924862161761
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(221804)	17.4	9.73576	109.05576	176.15129	3.75838	0.2353305	2.4095444161788	(221856)	16.7	330.46469	308.57641	55.09902	2.18324	0.1998825	2.4307008161802
(221805)	16.7	43.50561	308.85181	303.36834	5.78024	0.1584532	2.3576535161788	(221857)	17.0	56.68940	147.45622	120.20102	2.83950	0.0937189	2.6290799161802
(221806)	17.2	20.46174	102.83687	178.08101	5.05506	0.2160707	2.4200593161789	(221858)	15.4	328.92291	296.33318	60.80789	6.08972	0.2206667	3.1139663161802
(221807)	17.2	59.58403	245.59199	8.84753	4.05083	0.1381685	2.2850402161789	(221859)	16.0	123.77525	354.10573	208.04434	21.85287	0.1622176	2.2803169161802
(221808)	17.3	64.16574	263.80010	355.83719	2.40825	0.1635610	2.3150647161789	(221860)	16.7	31.47540	136.38415	134.49431	4.54386	0.0804645	2.7185206161803
(221809)	16.9	349.17919	327.81096	356.02195	6.26632	0.1519747	2.4348168161789	(221861)	16.8	96.22407	60.62873	165.20449	2.88763	0.0935280	2.5551429161803
(221810)	17.1	12.21672	164.27311	140.37866	1.76962	0.1901668	2.4453611161790	(221862)	17.4	64.90681	167.14326	96.77900	2.28428	0.1704434	2.4037818161803
(221811)	17.3	353.67079	156.10789	177.36059	7.75778	0.1831817	2.2511835161790	(221863)	17.1	354.00208	190.50108	152.59420	9.54859	0.0875397	2.5395498161804
(221812)	17.3	235.84768	262.91456	186.69877	21.49608	0.1028679	1.9181744161790	(221864)	16.3	353.95142	140.92968	192.13020	15.05178	0.1430663	2.6569059161804
(221813)	17.2	236.40029	290.64779	172.19520	21.52222	0.0771404	1.8828518161790	(221865)	17.3	126.36700	100.93563	102.48709	2.20492	0.1237296	2.3689573161804
(221814)	17.5	101.01962	228.48001	342.90290	3.51518	0.1548535	2.3798902161791	(221866)	17.1	56.67647	124.41855	158.73807	3.79867	0.0676862	2.4412760161804
(221815)	15.6	76.17693	320.44778	272.51566	10.78221	0.2482388	2.5929550161791	(221867)	17.2	1.59983	245.16697	96.73148	1.77525	0.2340721	2.3267524161804
(221816)	17.3	272.71465	224.95440	185.89214	21.76277	0.0972371	1.9126230161791	(221868)	16.7	20.50304	225.17699	72.08339	2.00083	0.2000882	2.3535663161805
(221817)	16.8	57.67537	73.62055	177.25233	7.62530	0.1850933	2.6471354161792	(221869)	17.4	297.11092	273.84253	122.02759	6.10663	0.1361432	2.2783557161805
(221818)	17.1	9.06170	157.15422	161.78006	2.72075	0.1789055	2.3730276161792	(221870)	16.8	78.05752	98.95282	149.07035	4.47911	0.0697511	2.4047405161805
(221819)	17.9	130.94531	23.55896	171.83467	6.09925	0.1213409	2.1984967161792	(221871)	15.1	315.47355	227.04313	129.61942	12.20256	0.0919014	3.1610109161805
(221820)	17.4	107.42341	250.96848	322.81748	1.60397	0.1334585	2.3269776161792	(221872)	17.1	327.99636	157.42993	211.24653	3.57516	0.1823067	2.3965485161806
(221821)	16.1	69.31887	70.05368	180.47992	13.44449	0.2261833	2.6341291161792	(221873)	16.0	12.69089	136.78842	171.60347	9.74541	0.1091087	3.1059811161806
(221822)	17.3	86.07908	169.81493	64.16574	2.19849	0.1622614	2.4008267161793	(221874)	17.3	347.39982	182.30291	167.74504	5.55753	0.0789109	2.5466572161806
(221823)	16.0	72.48955	199.86168	48.04108	12.97318	0.1305577	2.3893438161793	(221875)	17.3	119.03775	69.91491	154.93470	6.94995	0.0663818	2.2835001161806
(221824)	17.1	77.48948	26.38291	211.01896	4.84441	0.1510633	2.2951714161793	(221876)	16.6	96.20403	53.68853	179.35414	6.28896	0.0537790	2.3335494161807
(221825)	16.0	48.02223	226.54165	36.22676	13.99031	0.1632742	2.7219291161794	(221877)	16.1	81.33554	56.04228	181.42265	8.90367	0.0474258	2.8373157161807
(221826)	16.7	58.04927	189.54373	63.46357	2.78091	0.1649674	2.4802603161794	(221878)	16.8	44.28477	163.72513	114.17973	4.06505	0.0768258	2.6588616161807
(221827)	17.2	106.01180	16.62904	209.74976	6.50960	0.0895854	2.2153733161794	(221879)	15.9	9.91584	119.46809	189.51130	15.88948	0.2112655	3.1626458161807
(221828)	16.4	65.28317	29.27351	205.19383	9.74764	0.1463462	2.7240219161794	(221880)	15.1	358.12236	248.66251	62.43013	10.10161	0.1342327	3.1265479161808
(221829)	16.8	23.75673	165.14250	128.99281	6.45868	0.1470582	2.3130103161795	(221881)	15.5	6.20740	309.43533	33.45923	5.88303	0.2723099	2.6389110161808
(221830)	17.2	12.64171	56.10481	246.19919	1.44598	0.2239110	2.4085314161795	(221882)	17.1	33.15945	80.45212	205.32328	6.78043	0.1856631	2.6224192161808
(221831)	17.1	336.37943	161.52223	189.63737	4.58375	0.1756954	2.2097586161795	(221883)	17.2	359.64160	248.96117	92.97752	3.15738	0.1077491	2.2060145161808
(221832)	16.6	15.91217	335.25413	331.25434	6.42607	0.1483821	2.4085286161796	(221884)	16.9	203.49432	316.92186	175.94129	5.23530	0.0867856	2.2844316161809
(221833)	17.3	356.69165	307.32348	16.24582	1.47152	0.1931301	2.3825647161796	(221885)	16.0	27.71482	183.72180	105.84591	2.27467	0.1530651	3.1597827161809
(221834)	17.2	355.45143	330.98751	0.65106	2.11487	0.2282688	2.3552128161796	(221886)	16.1	0.13425	292.23939	42.65073	6.41172	0.1116202	2.6514187161809
(221835)	16.8	7.37403	63.50109	276.17165	4.71264	0.2004034	2.1767834161796	(221887)	16.1	83.82944	331.57122	263.99011	6.61046	0.1669422	2.7513569161809
(221836)	17.3	88.18269	81.23044	143.20712	1.94663	0.1485172	2.4305841161797	(221888)	16.2	223.21072	237.13204	233.32726	4.20055	0.0564580	2.4756597161810
(221837)	16.9	347.79739	166.19229	159.98601	7.28896	0.1698877	2.2484992161797	(221889)	16.1	336.90570	174.73390	188.96708	13.41232	0.2726533	2.4184255161810
(221838)	17.0	330.90605	174.74563	176.93023	2.15974	0.2477262	2.3825280161797	(221890)	17.5	7.32775	175.45617	169.36113	3.83692	0.0522072	2.3422339161810
(221839)	17.3	138.77090	351.68907	199.68825	3.47371	0.1615245	2.2625901161797	(221891)	17.6	114.23655	280.35649	288.10911	1.33643	0.1307970	2.3612734161810
(221840)	17.3	50.46432	182.43537	77.45638	3.46741	0.1593552	2.3494819161798	(221892)	15.5	36.40765	88.38591	187.19289	15.45039	0.0747678	3.1436078161811
(221841)	17.9	22.91823	163.81079	130.22490	2.02941	0.1864934	2.4195494161798	(221893)	14.6	0.81904	226.27870	81.23403	18.03130	0.1083667	3.4334123161811
(221842)	16.6	16.27584	125.44633	178.34586	7.97843	0.1363612	2.3440456161798	(221894)	16.3	61.40933	120.61607	163.37773	4.75440	0.1262304	2.5695458161811
(221843)	17.6	148.79201	354.39260	187.95492	2.37708	0.0929019	2.2900449161799	(221895)	17.0	266.14004	307.42319	118.48532	3.14876	0.0448643	2.6063428161812
(221844)	17.1	69.36149	219.59780	55.73614	3.16440	0.0703056	2.3000510161799	(221896)	16.9	347.49928	240.62269	103.61616	3.61840	0.0152365	2.5950634161812
(221845)	16.5	316.35834	324.40289	41.80762	15.75644	0.1474395	2.5613323161799	(221897)	15.7	352.23989	220.87301	119.53980	5.22960	0.2886598	3.1192135161812
(221846)	17.1	38.78944	88.88334	198.25755	3.77534	0.2382116	2.3232530161799	(221898)	16.1	2.96438	187.12795	133.41029	1.68837	0.1788985	3.1236852161812
(221847)	16.2	84.19933	116.35858	106.81493	3.52012	0.1371878	2.6198137161799	(221899)	16.0	354.97289	174.05766	165.95861	9.82578	0.1474908	3.0479361161813
(221848)	15.2	10.62160	178.25770	127.29918	2.98362	0.1408287	3.1597013161800	(221900)	16.6	329.72848	198.07544	171.04211	9.20220	0.1132474	2.7081569161813
(221849)	16.3	15.96413	97.47493	176.01708	12.71846	0.1502569	3.0796823161800	(221901)	16.5	265.42636	254.65444	176.33702	6.59450	0.0879898	2.4231659161813
(221850)	17.2	318.71639	192.61041	174.64644	8.23832	0.1392819	2.2260074161800	(221902)	17.4	336.10567	208.68240	153.00078	3.35586	0.0920739	2.6309341161813
(221851)	14.8	5.95228	269.31459	52.48203	10.56457	0.2395262	3.1439849161801	(221903)	15.6	344.60725	195.81499	187.28199	13.87187	0.3328179	2.5990780161813
(221852)	17.3	249.62548	271.60223	165.36756	6.90515	0.0562216	2.2562379161801	(221904)	15.3	62.84273	68.74143	180.15429	10.01396	0.1362107	3.2008675161814
(221853)	16.2	35.31848	142.17774	144.36017	10.83862	0.1335691	2.6840582161801	(221905)	17.3	282.55138	243.87466	187.01574	5.27200	0.1176898	2.2142306161814
(221854)	16.6	28.09549	194.70430	90.03132	2.67129	0.1570825	2.5782000161801	(221906)	15.1	346.61135	257.24303	79.04587	10.81004	0.2382585	3.1348871161814
(221855)	16.9	16.62210	161.46090	139.03784	5.76664	0.1215560	2.5843553161801	(221907)	16.6	5.48173	193.50490	129.79608	2.90235	0.0650844	2.8507518161814

(221908)	12.6	321.60730	141.59999	271.85125	7.34162	0.0667289	5.1105772161815
(221909)	13.3	319.48453	237.83931	175.10267	6.26989	0.0655188	5.2848999161815
(221910)	12.4	308.69145	7.06720	59.03260	19.71925	0.1121301	5.1923309161815
(221911)	12.8	306.68557	255.37314	177.05344	5.60975	0.0322500	5.2994856161816
(221912)	13.1	331.95970	280.40756	125.16490	5.29886	0.0942745	5.2743951161816
(221913)	13.8	317.06940	127.13490	302.16759	2.34495	0.0548084	5.1192859161816
(221914)	13.9	62.71470	89.81243	229.13363	3.14783	0.0253129	5.2253119161816
(221915)	12.9	325.80456	188.64762	220.38901	4.07486	0.0614343	5.1560227161816
(221916)	13.1	347.98175	286.29701	107.02811	5.39312	0.0433546	5.0955359161817
(221917)	12.4	317.81326	85.57636	328.64688	23.86526	0.0783248	5.2955070161817
(221918)	15.9	87.98254	268.94712	87.62631	4.34627	0.0514784	3.0346886161817
(221919)	16.4	39.11956	39.12377	29.16681	2.78322	0.0911218	2.6310835161817
(221920)	16.1	296.45265	154.83036	165.25587	12.91012	0.1374192	2.5834273161818
(221921)	15.7	33.48063	138.40291	122.96387	10.22920	0.0438677	3.0694577161818
(221922)	16.0	2.39564	341.55544	313.31901	6.68829	0.2366254	2.4618048161818
(221923)	17.1	320.23077	173.04986	188.02533	2.96725	0.2290080	2.4174394161819
(221924)	17.5	18.54953	293.19781	351.74333	1.53389	0.1198934	2.3010123161819
(221925)	16.9	3.85217	25.23134	268.60521	3.52206	0.1338647	2.2619560161819
(221926)	17.5	354.89992	114.12297	198.04565	6.14519	0.1561914	2.2614310161819
(221927)	16.6	317.63453	185.41020	189.19617	5.64337	0.2915818	2.4733086161820
(221928)	15.5	318.42695	122.81443	246.44245	6.91812	0.1222625	3.2255245161820
(221929)	16.7	3.34837	33.95198	271.56055	0.91698	0.0596782	2.7235199161820
(221930)	17.2	315.41695	29.76947	337.18210	3.02334	0.1466790	2.3931485161821
(221931)	17.6	311.92882	218.26894	153.90760	7.10584	0.2069358	2.2262490161821
(221932)	17.1	24.94765	46.98541	224.22690	1.75199	0.1778358	2.3733308161821
(221933)	17.8	332.92329	258.56890	87.37770	0.82728	0.2471895	2.2840586161821
(221934)	16.5	17.86755	137.64103	145.50776	4.98416	0.1781843	2.3983373161822
(221935)	15.6	349.10165	110.85314	223.74228	12.78753	0.2992622	3.1537818161822
(221936)	17.3	327.87495	228.21541	136.56265	6.46803	0.2270856	2.2126156161822
(221937)	15.5	346.09387	351.35994	4.17466	11.27957	0.1820914	2.5539110161822
(221938)	15.6	0.23014	27.26425	327.44504	11.98089	0.2538811	2.6994186161823
(221939)	16.9	341.75699	352.16729	351.75384	12.28969	0.1817601	2.5572271161823
(221940)	17.1	351.99643	305.54785	29.87547	5.91901	0.1086970	2.2016865161824
(221941)	17.0	314.19269	358.68726	4.92559	7.71586	0.1658083	2.2102798161824
(221942)	16.9	9.87209	302.17280	358.30981	2.55757	0.1794018	2.3529806161824
(221943)	16.6	343.59411	120.36685	253.99788	5.78313	0.2221151	2.3237959161825
(221944)	15.6	286.64948	146.16707	284.65485	4.00398	0.1527944	3.0758405161825
(221945)	15.7	42.02700	276.81633	34.07010	9.51024	0.1415313	2.7435553161825

SUMMARY OF IDENTIFICATIONS

The following identification is invalid:

2003 JS₁₂ = 2005 UR₈₀ MPO 89474

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

1990 SH₄ = 2009 QG₂₂
 1994 PV₂ = 2004 BD₁₄₂ = 2008 CH₁₃₀
 1995 CJ₁₀ = 1995 DT₆ = 2009 SA₁₁₂
 1995 SO₁₂ = 2009 SS₁₅₁
 1995 SF₃₁ = 2009 QL₄₆

1995 ST₄₉ = 2009 QL₄₂
 1996 RT₁₄ = 2009 SH₄₄
 1996 TX₁₇ = 2009 SK₄₄
 1996 TY₃₀ = 2009 RG₄
 1996 XZ₉ = 2009 RO₃₁
 1997 SV₁₁ = 2008 RK₈₃ = 2009 SR₆₁
 1997 SU₃₂ = 2009 ST₂₁₂
 1998 QV₂₉ = 2009 RK₃₆
 1998 RV₃ = 2009 RZ₂
 1998 RS₁₃ = 2009 SQ₉₈
 1998 SE₃₄ = 2009 QG₄₅
 1998 SY₄₀ = 2009 QS₁₂
 1998 SQ₅₁ = 2009 PA₁₂
 1998 SX₁₁₈ = 2009 RU₁₉
 1998 SF₁₄₆ = 2009 RP₃
 1998 TQ₂₂ = 2009 SF₄₂
 1998 VM₄₃ = 2009 SZ₁₆₃
 1998 WJ₂₄ = 2009 SS₁₆
 1998 WK₄₀ = 2009 QC₅₁
 1999 RD₁₅₉ = 2009 OE₁₁
 1999 SU₂₈ = 2009 SE₆₅
 1999 TV₅₆ = 2009 ST₁₈
 1999 TK₇₆ = 2009 SG₁₅₆
 1999 TK₁₃₃ = 2009 QW₄₈
 1999 TD₁₄₆ = 2009 RU
 1999 TK₃₁₃ = 2006 YL₁₉ = 2009 QY₃₈
 2000 AP₂₁₈ = 2005 NG₅₇ = 2009 QF₄₉
 2000 DD₂₂ = 2009 SL₁₁
 2000 DY₉₀ = 2000 CB₁₄₅ = 2009 SC₂₁₄
 2000 FP₆ = 2008 CY₇₀ = 2009 RN₁
 2000 PF₄ = 2009 QG₄
 2000 QZ₂₁ = 2009 RS₁₇
 2000 QV₃₆ = 2009 SA₁₀₃
 2000 QB₁₄₄ = 2009 SZ₁₅₈
 2000 QG₁₆₆ = 2009 RC₂₇
 2000 QL₂₁₂ = 2009 SH₄₉
 2000 QG₂₃₁ = 2009 QS₁₉
 2000 RY₁₃ = 2009 SR₅₇
 2000 RO₁₇ = 2009 RM₅
 2000 SF₂₁ = 2009 RU₃₃
 2000 SN₉₃ = 2009 SO₂₁
 2000 SB₁₁₀ = 2009 QZ₄₂
 2000 SY₁₂₉ = 2009 SS₁₂₈
 2000 ST₁₄₉ = 2009 RD₇
 2000 SB₂₃₆ = 2009 RS₁₁
 2000 SM₃₂₁ = 2001 YV₁₅₉ = 2009 RZ₂₉
 2001 CU₄₃ = 2009 SH₆₄
 2001 FV₂₃ = 2009 SP₁₆₆
 2001 FY₅₆ = 2009 RT₅₃
 2001 FQ₈₃ = 2009 QY₄₂
 2001 QC₂₃₇ = 2009 SV₁₀₉
 2001 SG₂ = 2009 RR₂₆

2001 SQ₁₀₀ = 2009 QX₁₂
 2001 SC₂₈₄ = 2009 SW₂₁₅
 2001 ST₃₃₅ = 2001 RP₁₀₇ = 2009 QJ₂₃
 2001 TC₁₃ = 2009 SC₃₉
 2001 TQ₁₈₄ = 2009 SO₄₆
 2001 UT₂₂₃ = 2009 SP₁₈₈
 2001 WD₉ = 2009 SA₁₆₃
 2001 WC₆₆ = 2009 RY₃₈
 2001 XY₈ = 2009 SV₂₁₁
 2002 AP₁₄₃ = 2009 RT₅₅
 2002 CZ₁₁₃ = 2009 SV₉₀
 2002 CU₁₄₇ = 1999 UX₁₀
 2002 CN₁₈₂ = 2009 ST₁₂₄
 2002 CO₁₈₃ = 2009 RP₄₀
 2002 CJ₂₀₄ = 2009 SE₇₉
 2002 CW₃₁₅ = 2009 RE₄₆
 2002 DH₁₉ = 2009 SH₆₂
 2002 DS₁₉ = 2009 SM₂₁₁
 2002 DP₂₀ = 2009 RP₅₆
 2002 EY₃₇ = 2009 SY₄₉
 2002 FL₂₁ = 2009 SS₁₉₇
 2002 GO₂₉ = 2009 SC₂₆
 2002 GS₅₁ = 2009 SA₆
 2002 GN₆₀ = 2009 SB₁₉₁
 2002 GU₁₂₅ = 2009 QZ₂₇
 2002 GL₁₄₂ = 2009 SO₁₂₈
 2002 GT₁₆₉ = 2009 SU₅₆
 2002 GJ₁₈₂ = 2009 SY₄
 2002 GR₁₈₄ = 2009 SZ₃₂
 2002 LQ₆₂ = 2009 SN₁₄₈
 2002 NA₁₆ = 2009 RA₆
 2002 NF₃₁ = 2009 SQ₃
 2002 NN₆₅ = 2009 SZ₂₁₆
 2002 OX₂₇ = 2009 RF₅₃
 2002 PB₁₁ = 2009 RA₅₁
 2002 PV₃₂ = 2002 PY₃₄
 2002 PS₁₀₁ = 2009 SA₁₄₀
 2002 PE₁₈₆ = 2009 RA₄₇
 2002 PP₁₈₇ = 2009 SU₃₂
 2002 PN₁₉₀ = 2005 GU₁₉₀
 2002 QO₁₁ = 2009 SW₃₅
 2002 QR₁₃ = 2009 QP₃₈
 2002 QQ₁₄ = 2009 SE₁₇₈
 2002 QE₄₄ = 2009 QW₄₂
 2002 QC₇₈ = 2009 SM₂₀₅
 2002 QZ₁₁₁ = 2009 SS₁₂₃
 2002 QX₁₁₂ = 2009 SO₃₆
 2002 QX₁₃₂ = 2009 RJ₅₈
 2002 QK₁₃₄ = 2005 JY₁₂₈
 2002 QR₁₃₄ = 2004 AT₁₁
 2002 QS₁₃₄ = 2004 BF₆₆
 2002 QP₁₃₅ = 2007 TB₇₉

2002 RK₇ = 2009 RE₃₀
 2002 RJ₃₇ = 2009 RV₃₂
 2002 RA₇₆ = 2009 SO₁₃₆
 2002 RS₁₇₈ = 2009 ST₃₉
 2002 RC₁₈₈ = 2009 RW₁
 2002 RB₂₁₇ = 2009 SW₂₅
 2002 RS₂₅₇ = 2009 RD₅₆
 2002 RJ₂₅₈ = 2009 RU₁₇
 2002 RK₂₆₁ = 2009 SP₁₀₆
 2002 RE₂₇₀ = 2009 SZ₂₂₇
 2002 RW₂₇₁ = 2009 RA₄₁
 2002 RT₂₇₉ = 2009 RU₁₆
 2002 SA₃ = 2009 SW₁₂₇
 2002 SU₅ = 2009 QY₄₅
 2002 SW₈ = 2009 QB₄₂
 2002 SL₂₆ = 2009 RN₁₉
 2002 TS₄₂ = 2009 SH₂₀₇
 2002 TT₆₃ = 2009 SN₂₀₅
 2002 TK₈₀ = 2009 RC₃₂
 2002 TV₁₁₀ = 2008 EM₁₄₁ = 2009 RO₇
 2002 TP₁₃₁ = 2009 SP₅₉
 2002 TQ₁₄₇ = 2009 RG₃₁
 2002 TZ₂₂₂ = 2009 QF₄₇
 2002 TO₃₈₁ = 2009 SQ₁₈₀
 2002 UA₈ = 2009 QF₄₁
 2002 UH₂₃ = 2009 SO₉₆
 2002 UF₂₅ = 2009 QS₄₂
 2002 UO₃₇ = 1999 YK₂₉ = 2009 SS₁₁₉
 2002 UB₇₄ = 2009 SD₄₂
 2002 UE₇₈ = 2005 JA₉₆
 2002 UF₇₈ = 2007 BU₆₆
 2002 UO₇₈ = 1999 FR₆₃
 2002 VD₁₃ = 2009 RN₃₈
 2002 VX₂₁ = 2009 QF₈
 2002 VK₄₂ = 2009 QS₄₁
 2002 VP₅₇ = 2009 SZ₂₁₈
 2002 VE₆₄ = 2009 SH₁₅₄
 2002 VA₆₇ = 2009 RS₂₈
 2002 VU₉₂ = 2009 RQ₅₁
 2002 VL₁₁₄ = 2009 RX₃₇
 2002 VK₁₂₃ = 2009 SA₁₃₀
 2002 VB₁₃₄ = 2009 RQ₃₅
 2002 VO₁₄₅ = 2009 SX₃₇
 2002 VE₁₄₇ = 2009 SL₁₈₆
 2002 WK₂₅ = 2009 SF₉₄
 2002 WM₂₇ = 2009 SP₁₀
 2002 WD₂₉ = 2009 SF₃₇
 2002 XC₁₅ = 2009 ST₁₅₉
 2002 XW₄₁ = 2009 RP₅₈
 2002 XE₅₁ = 2009 SQ₁₅₀
 2002 XO₆₆ = 2009 SN₁₀₅
 2002 XY₁₁₈ = 2009 SB₁₇₂

2002 XK₁₁₉ = 2009 SA₁₉₇
 2003 DY₉ = 2009 SS₈₆
 2003 DB₂₁ = 2009 SC₁₂₅
 2003 EJ₆₃ = 2007 CS₁₆ = 2009 SN₁₉₀
 2003 FY₇ = 2009 QV₃₂
 2003 FD₇₇ = 2009 RO₄₄
 2003 FB₁₃₃ = 2009 SX₁₅₁
 2003 FG₁₃₃ = 2009 SQ₂₉
 2003 GM = 2009 SW₄₈
 2003 GZ₁₃ = 2009 SD₁₄₄
 2003 GO₂₇ = 2009 RD₁₁
 2003 GZ₃₇ = 2009 QP₄₉
 2003 OK₃₂ = 2009 SR₂
 2003 QB₇ = 2009 RP₂₆
 2003 QM₂₀ = 2009 SW₃₈
 2003 RV₁₉ = 2009 QB₄₆
 2003 SP₆₂ = 2009 SE₁₈₄
 2003 SW₂₄₃ = 2009 SO₂₇
 2003 SA₃₂₃ = 2009 SE₁₄₀
 2003 SU₃₃₁ = 2009 SD₁₈₀
 2003 SD₃₃₇ = 2009 RF₄₄
 2003 SS₃₆₃ = 2004 VZ₄₇ = 2009 SS₂₀₉
 2003 ST₃₆₅ = 2009 SH₃₇
 2003 SL₃₆₆ = 2009 RY₁₆
 2003 SQ₃₈₉ = 2009 SL₂₀₃
 2003 SV₄₀₈ = 2009 SQ₁₇₇
 2003 SX₄₂₇ = 2009 SE₁₉₉
 2003 SE₄₂₈ = 2009 SY₁₂₆
 2003 SV₄₂₈ = 2009 RC₃₀
 2003 UQ₂₇ = 2009 SJ₉₆
 2003 UE₃₂₅ = 2009 SL₅₇
 2003 UU₃₄₈ = 2009 RR₃₅
 2003 UX₃₇₂ = 2009 SN₄₄
 2003 UP₃₇₄ = 2009 RH₃₀
 2003 WM₁₆ = 2009 SA₁₃₉
 2003 YF₁₀₉ = 2008 WF₁₀₆
 2004 DZ₁ = 2009 RK₄₈
 2004 ET = 2009 SE₈₆
 2004 ED₈ = 2009 SX₁₂₅
 2004 EM₈ = 2004 FQ₁₆₃
 2004 EC₂₀ = 2009 RW₅₄
 2004 EH₈₆ = 2009 SO₂₂₀
 2004 FE₂₃ = 2009 SX₉₁
 2004 FS₉₂ = 2009 SL₂₁₄
 2004 GC₂₀ = 2004 FU₁₁₀
 2004 GP₄₉ = 2009 SJ₁₁₅
 2004 HS₁₈ = 2006 WL₁₁₂ = 2009 SN₁₂₆
 2004 HY₄₀ = 2009 SC₂₀₉
 2004 HV₅₈ = 2009 HB₁₀₁
 2004 JU₂₁ = 1993 FR₇₄ = 2009 SU₁₄₁
 2004 KV = 2009 SD₇₈
 2004 KK₉ = 2009 SY₅₅

2004 LD₇ = 2009 SU₉₉
 2004 NY₁₉ = 2009 RQ₂
 2004 PH₃₂ = 2009 SZ₁₄₁
 2004 PJ₅₅ = 2009 RW₂₈
 2004 PP₁₀₄ = 2009 RT₅₈
 2004 QT₁₈ = 2009 SC₅₃
 2004 QG₂₈ = 2005 XC₁₅ = 2009 RK₄₇
 2004 RY₅₆ = 1995 WM₄₃ = 2009 SW₃₂
 2004 RF₆₄ = 2009 PM₈
 2004 RG₈₄ = 2009 SH₁₆
 2004 RA₁₃₇ = 2009 RJ₅₆
 2004 RR₁₄₀ = 2009 ST₂₂
 2004 RN₁₅₃ = 2009 SF₄₉
 2004 RA₁₅₆ = 2009 SD₁₁₄
 2004 RX₁₈₄ = 2009 QV₃₉
 2004 RM₁₈₅ = 2009 RA₂₉
 2004 RV₂₀₇ = 2009 RJ₃₂
 2004 RW₂₄₀ = 1995 WY₂₄ = 2009 SE₄₈
 2004 RX₂₆₉ = 2009 SP₁₂
 2004 RE₂₉₆ = 2009 RV₁₃
 2004 RQ₂₉₆ = 2009 SU₇₇
 2004 RB₃₂₅ = 2009 SK₁₅₈
 2004 TM₃ = 2009 RV₂₀
 2004 TV₃ = 2009 SV₂₉
 2004 TW₄ = 2009 SO₇₉
 2004 TT₂₁ = 2009 SU₇₈
 2004 TW₂₇ = 2009 RM₂₈
 2004 TN₃₂ = 2009 QK₃₈
 2004 TD₃₆ = 2009 SD₂₂₆
 2004 TH₅₃ = 1999 TL₈₆
 2004 TW₅₃ = 2009 SF₈₉
 2004 TK₅₄ = 2009 SC₁₂₇
 2004 TH₇₁ = 2009 RN₂₀
 2004 TF₇₅ = 2009 SM₁₀₉
 2004 TY₉₀ = 2009 ST₄₆
 2004 TK₉₁ = 2009 SQ₁₅₂
 2004 TT₉₂ = 2009 SF₁₂₆
 2004 TW₉₆ = 2009 RR₅₁
 2004 TV₁₁₆ = 2004 TL₄₃ = 2009 SB₉₉
 2004 TC₁₄₃ = 2009 RS₅₇
 2004 TH₁₄₅ = 2001 DA₅₀ = 2006 AX₃₃ = 2009 RJ₂₈
 2004 TD₁₄₈ = 2009 SV₄
 2004 TX₁₄₈ = 2009 SU₁₁₃
 2004 TW₁₅₃ = 2009 SG₁₆₆
 2004 TM₁₆₁ = 2009 SF₂₂₄
 2004 TX₁₆₉ = 2001 FH₁₉₅ = 2009 QA₄₈
 2004 TN₁₇₂ = 2009 RN₄₂
 2004 TR₁₉₀ = 2004 TT₇₆
 2004 TF₂₀₅ = 2009 SA₅₈
 2004 TS₂₀₉ = 2009 SB₁₃₇
 2004 TW₂₂₂ = 2009 RK₁₉
 2004 TW₂₃₈ = 2009 SG₁₃₃

2004 TF₂₅₀ = 2009 RS₁₂
 2004 TB₂₅₃ = 2009 RK₃₄
 2004 TH₂₅₉ = 2009 RB₃₅
 2004 TX₂₆₅ = 2009 QY₄₄
 2004 TX₂₇₅ = 2009 SJ₇₈
 2004 TR₂₇₇ = 2009 QK₂₆
 2004 TW₃₂₃ = 2009 RO₅₁
 2004 TT₃₃₃ = 2009 SK₁₅₇
 2004 TA₃₄₁ = 2009 RV₄₁
 2004 TG₃₄₇ = 2009 RM₂₃
 2004 TH₃₄₈ = 2009 QE₃₈
 2004 TK₃₆₉ = 2009 SA₁₃₅
 2004 VX = 2009 RS
 2004 VW₂₄ = 2009 SE₅₆
 2004 VT₃₄ = 2009 SM₁₆₅
 2004 VY₃₇ = 2009 SG₇₇
 2004 VR₃₉ = 2009 SP₁₅₀
 2004 VM₅₄ = 2009 RC₃₇
 2004 VF₅₈ = 2009 RJ₃
 2004 VL₇₁ = 2009 QC₂₉ = 2009 QC₈
 2004 VC₉₄ = 2009 SH₁₄₉
 2004 XR = 2009 RZ₃₂
 2004 XR₆ = 2009 SS₁₇₃
 2004 XB₂₀ = 2008 OB₇ = 2009 QT₅₀
 2004 XO₂₆ = 2009 RV₅₇
 2004 XK₇₅ = 2009 SC₇₄
 2004 XE₁₂₄ = 2009 SP₅₃
 2005 AP₂₄ = 2009 QP₃₄
 2005 ER₁₄₅ = 2009 RY₁₂
 2005 EJ₂₅₉ = 2007 UK₅ = 2009 BW₁₆₂
 2005 JB₂₉ = 2009 RM₄₁
 2005 LY₁ = 2009 QU₄₁
 2005 LD₁₇ = 2009 SY₂₁
 2005 LT₁₈ = 2009 RC₅₄
 2005 LQ₃₀ = 1994 VV₅ = 2009 QU₄₅
 2005 LP₄₁ = 2009 QN₄₇
 2005 LR₄₁ = 2009 SY₁₄₇
 2005 LZ₄₁ = 2009 SU₂₁₉
 2005 LB₅₂ = 2009 RT₅₇
 2005 MY₇ = 2009 SZ₉₈
 2005 MX₂₃ = 2009 SQ₁₉₇
 2005 MS₂₇ = 2009 SF₁₃₇
 2005 MJ₃₀ = 2009 RP₂₉
 2005 MR₃₃ = 2009 SC₈₆
 2005 NP₄₁ = 2009 QK₄₀
 2005 NQ₅₀ = 2009 RQ₃₉
 2005 NP₇₄ = 2009 SJ₂₁₀
 2005 NB₈₃ = 2009 QT₂₀
 2005 NG₈₄ = 2009 SQ₁₈₇
 2005 NX₈₇ = 2009 SY₂₁₉
 2005 QL₃₄ = 2009 SA₁₂₂
 2005 QT₅₃ = 2009 SJ₉₉

2005 QE₆₂ = 2009 SS₁₂₀
 2005 QT₈₇ = 2009 SO₂₀
 2005 QC₁₂₃ = 2009 SV₂₂₂
 2005 QP₁₂₅ = 2009 RQ₅₀
 2005 QJ₁₅₈ = 2009 SM₁₄₆
 2005 QA₁₉₀ = 2009 SH₂₁₁
 2005 SU₂₇ = 2009 SJ₂₁₇
 2005 SN₄₂ = 2009 SE₅₉
 2005 SN₄₃ = 2009 SJ₁₅₀
 2005 SG₄₄ = 2009 QF₄₆
 2005 SS₄₆ = 2009 RD₁₃
 2005 ST₅₈ = 2009 RR₁₃
 2005 SW₉₈ = 2009 SO₁₈₉
 2005 SV₁₀₇ = 2009 SD₈₄
 2005 SK₁₁₀ = 2009 SP₂₆
 2005 SO₁₁₃ = 2009 SG₈₇
 2005 SE₁₁₉ = 2009 PZ₁₆
 2005 SP₂₂₁ = 2009 RD₂₄
 2005 SY₂₃₉ = 2009 RB₄₁
 2005 SA₂₄₆ = 2009 SW₁₁₆
 2005 TZ₁₂ = 2009 SH₂₂₄
 2005 TA₅₈ = 2009 RA₃₄
 2005 TL₆₂ = 2009 SV₁₅₅
 2005 TS₈₃ = 2005 TL₁₈₉ = 2009 RE₃₂
 2005 TG₁₁₁ = 2009 SV₁₉₄
 2005 TK₁₂₃ = 2009 SA₁₄₆
 2005 TC₁₃₃ = 2001 DZ₁₀₄
 2005 TW₁₅₄ = 2009 SC₁₀
 2005 TW₁₅₆ = 2009 SG₁₉₅
 2005 TK₁₅₇ = 2009 SD₉
 2005 TT₁₅₈ = 2005 SY₁₈₄ = 2009 SU₄₉
 2005 TC₁₇₂ = 2009 SF₁₂₈
 2005 TC₁₉₃ = 2009 SL₁₈₀
 2005 TP₁₉₄ = 2009 ST₁₈₄
 2005 UA = 2009 QD₅₂
 2005 UL₁₁ = 2009 RF₃
 2005 US₁₁ = 2009 RR₄₄
 2005 UV₁₁ = 2009 SP₁₄₁
 2005 UL₂₁ = 2009 RZ₄
 2005 UJ₂₂ = 2009 RF₄₆
 2005 UT₂₃ = 2009 SG₃₆
 2005 UO₄₄ = 2009 RG₃₃
 2005 UX₄₄ = 2009 SQ₁₅₃
 2005 UJ₄₅ = 2009 SJ₁₈₇
 2005 UN₄₈ = 2009 SO₁₅₆
 2005 UC₅₁ = 2009 SS₁₈₄
 2005 UZ₅₁ = 2009 RY₁₈
 2005 UL₅₅ = 2009 SP₁₇
 2005 UX₅₇ = 2009 SX₁₄₄
 2005 UV₇₀ = 2009 SH₂₁₂
 2005 UG₇₇ = 2001 XB₂₅₂
 2005 UH₇₉ = 2009 RU₃₅

2005 UF₈₅ = 2009 RL₅₆
 2005 UK₉₀ = 2009 RW₄₇
 2005 UW₉₁ = 2009 QK₄₅
 2005 UK₉₂ = 2009 SN₆₄
 2005 UV₉₂ = 2009 RG₄₅
 2005 US₉₃ = 2009 RG₄₃
 2005 UW₉₃ = 2009 PV₁₂
 2005 UE₉₆ = 2009 RJ₁₁
 2005 UR₉₇ = 2009 SD₁₃₇
 2005 UC₉₈ = 2009 SA₄₈
 2005 UB₁₀₄ = 2009 SO₂₁₁
 2005 UW₁₀₄ = 2009 ST₃₁
 2005 UY₁₀₄ = 2009 RX₃₂
 2005 UK₁₀₉ = 2009 RW₂₀
 2005 UO₁₀₉ = 2009 QT₂₃
 2005 UG₁₁₁ = 2009 SG₂₁₇
 2005 UX₁₁₈ = 2009 SH₈₃
 2005 US₁₂₃ = 2009 ST₁₅₃
 2005 US₁₃₀ = 2009 SN₁₉₁
 2005 UD₁₃₂ = 2009 RS₃₅
 2005 UV₁₃₃ = 2009 RU₃₂
 2005 UW₁₃₃ = 2009 SB₂₂
 2005 UX₁₃₃ = 2009 SN₂₀₆
 2005 UE₁₄₉ = 2009 QO₄₃
 2005 UB₁₅₆ = 2009 QG₄₈
 2005 UT₁₆₃ = 2009 SA₁₉₈
 2005 UA₁₇₈ = 2009 RV₅₃
 2005 UV₁₈₀ = 2005 VV₁₂₁
 2005 UB₁₉₉ = 2009 SK₁₃₄
 2005 UH₁₉₉ = 2009 SL₁₂₆
 2005 UC₂₁₁ = 2005 WY₂₀₆
 2005 UD₂₂₃ = 2009 SJ₇₂
 2005 UM₂₂₅ = 2009 SR₂₀₅
 2005 UM₂₃₀ = 2009 SB₇₃
 2005 UD₂₃₂ = 2009 SF₅₇
 2005 UA₂₃₄ = 2009 SV₂₂₈
 2005 UE₂₃₅ = 2009 SC₁₃₁
 2005 UZ₂₃₅ = 2009 SD₇₅
 2005 UF₂₃₈ = 2009 SW₇₆
 2005 UM₂₄₁ = 2009 RZ₄₇
 2005 UY₂₆₀ = 2009 SE₁₉₃
 2005 UD₂₇₆ = 2009 SJ₁₉₅
 2005 UF₂₇₆ = 2009 SP₁₂₉
 2005 US₂₈₀ = 2009 SK₇₀
 2005 UU₂₉₀ = 2009 SV₆₀
 2005 UN₂₉₂ = 2009 SU₁₃₇
 2005 UQ₃₀₃ = 2009 RA₃₁
 2005 UR₃₁₅ = 2009 SG₂₀₈
 2005 UV₃₁₉ = 2009 SV₁₇₅
 2005 UM₃₂₁ = 2009 SM₇₉
 2005 UO₃₄₅ = 2009 SW₈₃
 2005 UC₃₅₂ = 2009 QU₄₃

2005 UO₃₅₃ = 2009 SD₂₁₃
 2005 UN₃₅₄ = 2009 SU₂₁₄
 2005 UN₃₇₀ = 2009 SQ₂₁₈
 2005 UE₃₉₈ = 2009 RW₃
 2005 UT₄₁₄ = 2005 VJ₅₉ = 2009 RN₃₅
 2005 US₄₁₈ = 2009 RY₃₇
 2005 UG₄₂₃ = 2009 SN₂₁₇
 2005 UR₄₇₅ = 2009 SP₁₁₀
 2005 UR₄₈₅ = 2009 SR₁₅₀
 2005 UU₅₀₉ = 2009 SX₂₀₅
 2005 UY₅₀₉ = 2009 QS₄₇
 2005 UB₅₁₇ = 2009 SY₇₂
 2005 UG₅₂₇ = 2009 SX₁₈₄
 2005 VZ₈ = 2009 SX₁₈₀
 2005 VU₉ = 2009 SO₁₁₁
 2005 VD₂₅ = 2009 ST₂₁₆
 2005 VP₂₆ = 2009 PD₈
 2005 VP₂₇ = 2009 RL₃₆
 2005 VU₂₇ = 2009 RJ₃₇
 2005 VW₄₇ = 2009 RJ₂₇
 2005 VL₇₃ = 2009 RL₅₁
 2005 VM₉₆ = 2009 RU₇
 2005 VA₁₀₃ = 2009 RB₇
 2005 VW₁₀₉ = 2009 SG₂₄
 2005 VG₁₁₂ = 2009 SK₅₈
 2005 VL₁₃₄ = 2009 SK₁₈₄
 2005 WY₈ = 2009 SZ₂₀₄
 2005 WN₂₆ = 2009 RV₅₄
 2005 WH₄₀ = 2009 SC₁₈₇
 2005 WG₄₅ = 2000 WE₁₉₈
 2005 WF₄₆ = 2009 ST₁₂₅
 2005 WJ₈₁ = 2009 SP₁₁₃
 2005 WE₈₇ = 2009 RC₂₁
 2005 WD₁₀₂ = 2009 SB₉
 2005 WR₁₂₁ = 2009 RW₁₉
 2005 WK₁₂₆ = 2009 SY₁₂₀
 2005 WN₁₃₂ = 2009 RG₁₀
 2005 WP₁₃₃ = 2009 SK₅₇
 2005 WM₁₄₄ = 2009 RT₃₂
 2005 WB₁₅₁ = 2009 SG₁₀₉
 2005 WH₁₅₆ = 2009 SZ₅₇
 2005 WV₁₅₈ = 2009 RX₄₀
 2005 WN₁₅₉ = 2009 SW₁₀₀
 2005 WJ₁₈₇ = 2009 SQ₂₄
 2005 XS₁₅ = 2009 SF₁₁₂
 2005 XA₂₄ = 2009 RD₄₀
 2005 XV₅₂ = 2002 FC₄₁ = 2009 SL₃₃
 2005 XV₅₄ = 2009 SS₂₂₃
 2005 XA₁₀₉ = 2005 WU₁₇₂
 2005 XX₁₁₇ = 2009 SV₂₁₄
 2005 YT₃₀ = 2009 SB₁₀₇
 2005 YB₃₂ = 2009 SV₁₇₉

2005 YK₆₃ = 2009 SM₁₂₅
 2005 YS₆₈ = 2009 SG₂₂
 2005 YM₇₄ = 2009 SH₉₂
 2005 YU₇₅ = 2009 RR₁₈
 2005 YC₇₇ = 2005 YV₂₈₇ = 2009 SM₁₁₁
 2005 YR₁₁₁ = 2007 ES₁₂₅ = 2009 SK₂₂₈
 2005 YW₁₂₄ = 2009 SS₇
 2005 YD₁₃₅ = 2009 RY₄₅
 2005 YD₁₆₂ = 2009 RM₂₉
 2005 YV₁₆₂ = 2009 RV₇
 2005 YY₁₇₈ = 2009 SZ₉₃
 2005 YL₁₉₂ = 2009 RE₅₈
 2005 YZ₂₀₅ = 2009 SC₁₅₇
 2005 YO₂₁₀ = 2009 SQ₉₆
 2005 YQ₂₁₃ = 2009 SX₂₁₃
 2006 AF₁₆ = 2009 RE₁₈
 2006 AL₆₆ = 2009 QC₄₇
 2006 AP₇₀ = 2005 YF₂₆₈
 2006 AC₇₇ = 2009 SW₁₁₃
 2006 AG₉₀ = 2009 SC₁₀₁
 2006 BX₂₀ = 2009 QN₄₀
 2006 BN₅₇ = 2009 RQ₄
 2006 BK₆₆ = 2009 RP₄₄
 2006 BW₇₀ = 2009 RJ₁₉
 2006 BB₇₁ = 2009 SM₁₂₀
 2006 BW₇₃ = 2009 RA₁₅
 2006 BZ₇₄ = 2009 SY₁₁₂
 2006 BP₈₆ = 2009 SZ₇₂
 2006 BD₉₅ = 2009 SN₁₈₉
 2006 BJ₁₀₄ = 2009 SV₁₈
 2006 BF₁₄₇ = 2009 RF₄₇
 2006 BO₁₆₀ = 2009 SQ₇₆
 2006 BS₁₇₁ = 2009 SG₈
 2006 BD₁₈₈ = 2009 SS₁₈₂
 2006 BO₁₉₈ = 2009 SS₁₁₁
 2006 BB₂₃₂ = 2009 RO₁₂
 2006 BG₂₇₈ = 2009 SQ₁₂₆
 2006 BV₂₇₈ = 2009 RC₄₂
 2006 BA₂₈₀ = 2009 SK₁₁
 2006 BN₂₈₃ = 2009 SR₁₁₅
 2006 CK₉ = 2003 UQ₃₇₅ = 2009 RH₅₀
 2006 DZ₅₀ = 2009 SR₁₈₀
 2006 DZ₁₁₉ = 2009 RQ₉
 2006 DA₁₉₅ = 2009 SN₁₇
 2006 EX₄₇ = 2009 SM₄₀
 2006 EB₄₈ = 2009 QG₄₇
 2006 EW₅₅ = 2009 SP₄₄
 2006 EU₇₃ = 2009 SG₃₅
 2006 FO₆ = 2009 SV₁₄₀
 2006 HH₆₁ = 2009 RC₅₃
 2006 KL₁₃ = 2002 QP₁₃₄
 2006 UK₈₈ = 2009 QQ₄₀

2006 UE₁₅₆ = 2009 QD₃₈
 2006 UU₂₇₀ = 2009 SF₃₃
 2006 VS₃₁ = 2009 QD₅₁
 2006 VN₅₅ = 2009 RY₄₃
 2006 VU₇₇ = 2009 SE₂₂₁
 2006 VM₁₇₁ = 2009 SA₈₄
 2006 WX₁₀ = 2009 QO₂₄
 2006 WV₄₄ = 2009 SA₈₆
 2006 WT₉₈ = 2009 RW₁₄
 2006 WK₁₉₃ = 2009 QH₅₁
 2006 XZ₄ = 2009 SK₆₃
 2006 XO₁₅ = 2009 RQ₅₇
 2006 XM₄₅ = 2009 SF₆₉
 2006 XQ₅₈ = 2009 SE₁₁₁
 2006 YJ₆ = 2009 SE₃₃
 2006 YQ₄₉ = 2009 SN₂₁₁
 2007 BA₅₆ = 2009 SO₅₄
 2007 CA₃ = 2009 RN₄₈
 2007 CO₁₇ = 2001 SP₁₉₂ = 2009 RL₄₄
 2007 CV₁₈ = 2009 QS₅₀
 2007 CZ₃₅ = 2009 SN₁₆₁
 2007 CX₃₇ = 2009 SU₆₈
 2007 CK₆₁ = 2009 SH₂₀₉
 2007 CG₆₂ = 2009 SP₄₇
 2007 DA₃ = 2009 SX₁₃₇
 2007 DR₅ = 2009 SL₁₁₄
 2007 DY₁₂ = 2007 EO₂₀₃
 2007 DB₁₈ = 2009 RZ₅₂
 2007 DE₁₈ = 2009 SR₃₁
 2007 DT₂₀ = 2009 RU₄₂
 2007 DU₃₈ = 2009 QR₄₂
 2007 DO₄₀ = 2009 SN₁₃₉
 2007 DP₄₀ = 2009 SK₉₃
 2007 DN₅₄ = 2009 SG₃₂
 2007 DE₆₅ = 2009 QS₅
 2007 DQ₆₅ = 2009 SY₈₂
 2007 DW₆₈ = 2009 SQ₁₃₆
 2007 DU₇₀ = 2009 QP₄₆
 2007 DU₇₇ = 2009 SM₈₈
 2007 DM₈₅ = 2009 SM₅₉
 2007 DJ₈₆ = 2009 SK₇₉
 2007 DC₈₇ = 2009 ST₁₈₂
 2007 DY₁₀₉ = 2009 SB₇₆
 2007 DO₁₁₅ = 2009 SA₂₁₄
 2007 EK₃ = 2009 SY₁₄
 2007 EU₅ = 2007 FJ₄₀
 2007 ER₈ = 2009 SF₁₂₅
 2007 EK₉ = 2009 QD₄₉
 2007 ER₁₄ = 2007 EG₂₀₉
 2007 EX₁₆ = 2009 SU₈₃
 2007 ES₂₀ = 2009 RS₅₆
 2007 EW₂₉ = 2009 SU₁₀₇

2007 EM₃₂ = 2009 PS₁₂
 2007 ER₄₁ = 2007 CA₆₄
 2007 EO₄₃ = 2009 SX₄₇
 2007 EX₆₅ = 2009 SQ₁₄₅
 2007 EF₇₅ = 2009 RX
 2007 ED₈₂ = 2009 RN₁₆
 2007 EP₈₅ = 2009 RG₆
 2007 ED₉₅ = 2009 SW₁₅₅
 2007 EU₁₁₁ = 2009 ST₁₃₇
 2007 EL₁₁₇ = 2009 ST₇₄
 2007 EX₁₁₈ = 2009 SU₂₀₁
 2007 EH₁₄₀ = 2009 SM₆₈
 2007 EP₁₄₃ = 2009 SZ₁₁₂
 2007 EZ₁₄₄ = 2008 KH₄₂
 2007 EY₁₅₅ = 2009 RH₄₁
 2007 EA₁₅₈ = 2009 SN₆₂
 2007 EY₁₆₆ = 2009 SO₉₂
 2007 EX₁₆₈ = 2009 SC₅₂
 2007 ES₁₇₂ = 2009 SV₁₂₈
 2007 EU₁₇₈ = 2009 SR₁₀₁
 2007 EX₁₇₉ = 2009 SP₁₉₀
 2007 EQ₁₈₁ = 2009 SH₉₁
 2007 EW₁₉₀ = 2009 SX₂₁₅
 2007 EL₂₀₅ = 2009 RE₇
 2007 EH₂₁₇ = 2009 SZ₃₃
 2007 EO₂₁₈ = 2009 SZ₆₁
 2007 FK₂₄ = 2009 SJ₁₃₉
 2007 GF₃ = 2009 SU₄₅
 2007 GT₁₄ = 2009 SH₁₂₉
 2007 GB₃₁ = 2009 RR₄₆
 2007 GD₄₅ = 2009 SC₂₉
 2007 GO₄₅ = 2009 SY₁₄₂
 2007 GP₄₆ = 2009 SG₁₃₈
 2007 GG₅₃ = 2009 SW₉₃
 2007 GU₅₈ = 2009 SZ₂₈
 2007 GC₆₂ = 2009 SP₄₂
 2007 GS₆₃ = 2009 RR₅₈
 2007 GL₆₄ = 2009 SC₁₉₈
 2007 GW₆₆ = 2009 SO₁₈₄
 2007 GY₆₈ = 1982 VO₁ = 2009 SA₇₂
 2007 HB₈ = 2009 SG₁₄₂
 2007 HH₁₂ = 2009 SL₁₆₆
 2007 HT₃₂ = 2009 SE₄₀
 2007 HG₄₀ = 2009 SH₁₀₀
 2007 HV₄₃ = 2009 RQ₅₄
 2007 JZ₁₅ = 2009 SD₁₅₉
 2007 JW₃₈ = 2009 SM₆₇
 2007 JK₃₉ = 2009 RP₄₆
 2007 JG₄₄ = 2009 SO₁₄₈
 2007 LR₃₀ = 2009 SV₇₄
 2007 MW₂ = 2009 SV₂₃
 2007 PT₄ = 2009 SX₁₆₃

2008 CS₁₈₀ = 2009 QS₂₇
 2008 DT₁₉ = 2005 QR₂₉ = 2009 OH₁₂
 2008 EK₉ = 2009 SH₉₈
 2008 EM₃₉ = 2009 SE₁₈₉
 2008 EX₄₅ = 2009 RJ₂₀
 2008 EK₁₄₅ = 2009 RV₄₄
 2008 EB₁₅₇ = 2008 GV₁₀₉
 2008 FQ₁₀ = 2009 SW₄₄
 2008 FC₁₆ = 2008 GB₁₃₅
 2008 FX₂₀ = 2009 SN₃₂
 2008 FC₃₃ = 2009 SR₂₀₃
 2008 FV₅₈ = 2009 SO₁₃₄
 2008 FK₆₁ = 2009 RF₇
 2008 FO₆₂ = 2009 PG₁₆
 2008 FO₁₁₀ = 2009 SY₁₃₁
 2008 FZ₁₁₂ = 2009 QN₃₆
 2008 GR₁₃ = 2006 WN₈₂ = 2009 RA₁₈
 2008 GS₂₀ = 2009 SX₂₁₄
 2008 GP₄₈ = 2006 XH₅₆
 2008 GB₅₃ = 2006 WD₆₈ = 2009 SY₁₆₉
 2008 GS₆₂ = 1995 RV
 2008 GG₁₀₀ = 2007 CO₇₇
 2008 HB₂₈ = 2009 SF₂₀₆
 2008 HR₃₇ = 2004 CN₁₁₃ = 2009 SJ₉₀
 2008 HT₅₆ = 2009 RS₄₃
 2008 JA₂₃ = 2007 EU₅₈
 2008 JV₃₉ = 2009 RE₃₁
 2008 KE₃₁ = 2009 RK₂₀
 2008 LG = 2009 SV₁₅₃
 2008 RM₅₁ = 2009 RE₄₂
 2008 RE₅₄ = 2009 RK₄₄
 2008 RH₆₉ = 2002 QL₁₃₄
 2008 RA₈₃ = 1998 XE₂ = 2009 RG₉
 2008 RC₉₅ = 2009 RD₄₂
 2008 RC₁₂₄ = 2009 SE₂₀₀
 2008 RW₁₂₈ = 2009 SP₅₇
 2008 SO₃₆ = 2009 SN₂₀₂
 2008 TT₆₄ = 2009 SG₁₀₇
 2008 UO₃₃₆ = 2002 QV₁₃₃
 2008 US₃₅₁ = 2003 YL₄₇
 2009 KT₃₀ = 1998 HS₁₅
 2009 MA₆ = 2008 AG₁₂₁
 2009 NG = 2004 LM₂₄
 2009 OG₅ = 2003 UH₃₂₄
 2009 OE₁₀ = 2005 UF₂₇₅
 2009 OA₁₂ = 2001 FT₁₃₀
 2009 OM₁₉ = 1994 UE₁₂
 2009 OL₂₁ = 2008 FM₁₂₂
 2009 OO₂₁ = 2001 DT₁₀ = 2007 HJ₁₇
 2009 OA₂₃ = 1994 PQ₃₆
 2009 PJ₁ = 2005 NG₆₆
 2009 PS₁ = 2005 UL₄₉₆

2009 PQ₂ = 1995 SW₆₅ = 2006 TV₃₄

2009 PO₃ = 2002 GZ₇₅

2009 PN₄ = 1998 VJ₅₁

2009 PZ₄ = 2005 LX₄₆

2009 PH₅ = 2001 SH₁₈₁

2009 PW₅ = 2006 VV₄₈

2009 PD₇ = 2008 JH₁₆

2009 PY₈ = 1999 RG₁₅₈

2009 PA₉ = 1998 QH₁₀₉

2009 PW₉ = 1998 SQ₁₁₇

2009 PE₁₂ = 2004 TA₃₀₀

2009 PL₁₂ = 1995 SC₆

2009 PD₁₄ = 1995 SC₁₀

2009 PP₁₄ = 2008 FB₇₁

2009 PQ₁₄ = 2008 FB₃₃

2009 PT₁₄ = 2009 PM₁₅

2009 PX₁₄ = 2004 TJ₂₈₂

2009 PA₁₅ = 2008 EE₇₉

2009 PR₁₅ = 2003 EL₄₆

2009 PT₁₅ = 2006 BR₂₀₅

2009 PH₁₆ = 2007 HW₅₄

2009 PO₁₆ = 1996 TD₁₇

2009 PQ₁₆ = 2006 DJ₁₃₄

2009 PU₁₆ = 2005 WV₁₀₂

2009 PY₁₆ = 2001 WH₈₅

2009 QW = 2005 YA₂₁₀ = 2008 FF₅₇

2009 QH₁ = 2002 TL₂₆₀

2009 QS₁ = 1992 DK₁₂

2009 QO₃ = 2005 YA₂₂₄

2009 QY₃ = 2008 KG₃₁

2009 QE₅ = 1998 SC₁₇₆

2009 QL₅ = 1996 VL₃₂

2009 QR₇ = 2007 EM₁₅₅

2009 QG₈ = 2005 UR₂₃₉

2009 QY₈ = 2006 BT₇₁

2009 QR₉ = 2007 FB₆

2009 QT₉ = 2005 NJ₃₂

2009 QY₉ = 2005 WV₂₀₈

2009 QC₁₀ = 2002 XC₁₀₀

2009 QU₁₀ = 2004 VE₉

2009 QC₁₁ = 2000 AU₂₉

2009 QF₁₁ = 2008 GH₅₃

2009 QQ₁₁ = 2006 WD₇₅

2009 QN₁₂ = 2001 SA₂₉₆

2009 QZ₁₂ = 2008 KH₁₉

2009 QC₁₃ = 2001 QZ₃₀₁

2009 QD₁₃ = 2006 DP₁₂₅

2009 QN₁₃ = 2007 EG₂₀₄

2009 QO₁₃ = 2005 UP₃₃₄

2009 QF₁₄ = 2008 DR₂₃

2009 QK₁₄ = 2008 GO₄

2009 QL₁₄ = 2004 TY₄₇ = 2005 YX₁₈₄ = 2008 GC₁₁

2009 QD₁₅ = 1995 SD₄₀

2009 QM₁₅ = 2008 JB₁₂

2009 QM₁₆ = 2005 UH₄₀₁

2009 QZ₁₆ = 2007 HW₇

2009 QK₁₉ = 1998 SM₁₄₈

2009 QR₁₉ = 1998 SD₃₉

2009 QW₁₉ = 2003 YZ₁₇₀

2009 QZ₂₀ = 2007 CZ₁₉

2009 QK₂₁ = 2008 FD₅₉

2009 QD₂₂ = 2006 XJ₆₄

2009 QF₂₂ = 1994 PZ₆

2009 QH₂₂ = 1995 SY₃₂

2009 QU₂₂ = 2007 FP₁₁

2009 QV₂₂ = 2007 BQ₈₅

2009 QY₂₂ = 2002 EC₁₂₁

2009 QB₂₃ = 2001 HS₁₈

2009 QH₂₃ = 2000 SW₂₀₂ = 2005 UZ₂₇₁

2009 QQ₂₃ = 2008 DD₆₄ = 2008 EJ₁₆₄

2009 QW₂₃ = 2008 DX₄₈

2009 QE₂₄ = 2003 OY₈

2009 QK₂₄ = 2008 CQ₁₅₂

2009 QX₂₅ = 2001 QK₂₉₀

2009 QS₂₆ = 2008 FR₇₆

2009 QE₂₇ = 1998 SU₁₆₁

2009 QT₂₇ = 1999 FX₇₄

2009 QB₂₈ = 2007 DN₄₅

2009 QH₂₈ = 2004 FO₂₂

2009 QX₂₈ = 2008 FE₁₆

2009 QR₂₉ = 2008 KA₂₆

2009 QD₃₀ = 2004 RB₂₁₅

2009 QE₃₀ = 2002 PR₂₁

2009 QH₃₀ = 2004 TR₂₉₇

2009 QK₃₀ = 2003 JN₁₅

2009 QX₃₀ = 2004 UM

2009 QA₃₁ = 2005 GL₁₇₇ = 2008 EL₉₄

2009 QK₃₁ = 2005 SJ₂₆₈

2009 QM₃₁ = 1998 WD₃₉

2009 QX₃₂ = 2003 ML₉

2009 QY₃₂ = 2004 FC₁₅₅

2009 QT₃₃ = 1998 SG₃₁

2009 QU₃₃ = 1995 SJ₆₆ = 2002 QP₃₉ = 2006 YU₂₇

2009 QA₃₄ = 2002 AQ₂₀₇ = 2005 XH₈₃

2009 QJ₃₄ = 2007 ES₁₆₀

2009 QN₃₅ = 2007 EK₂₇

2009 QE₃₆ = 2001 TY₂₂₃

2009 QT₃₆ = 2000 TH₁₀

2009 QX₃₆ = 2005 VX₆₆

2009 QA₃₇ = 2005 ST₁₆₉

2009 QA₃₈ = 2008 GU₈₄

2009 QU₃₈ = 1998 WU₃₆

2009 QA₃₉ = 2004 TY₁₄₀ = 2005 YO₁₆₆

2009 QC₃₉ = 2007 BW₄

2009 QU₃₉ = 2004 ED₁₀₈
 2009 QJ₄₀ = 2000 SL₁₉₅
 2009 QN₄₂ = 2007 BG₅₄
 2009 QF₄₄ = 2004 TL₁₆₉
 2009 QN₄₄ = 2005 UX₄₉₀
 2009 QC₄₅ = 2007 EU₁₅₈
 2009 QE₄₅ = 2002 SU₅₉
 2009 QO₄₅ = 1998 SS₁₀₇
 2009 QJ₄₆ = 2005 NT₅₆
 2009 QD₄₇ = 2008 FC₈₂
 2009 QJ₄₇ = 1999 VF₇₆
 2009 QQ₄₇ = 1999 VV₁₄₂
 2009 QT₄₇ = 1995 SX₈₄ = 2000 WL₁₂₉
 2009 QZ₄₇ = 2008 SU₆₁
 2009 QX₅₀ = 2006 VO₁₄₅
 2009 QF₅₁ = 2001 SJ₃₃₈
 2009 QJ₅₁ = 1991 TS₁₀
 2009 QU₅₁ = 2006 UH₁₀₈
 2009 QY₅₁ = 1998 BX₄₂
 2009 QZ₅₁ = 2007 BU₃₇ = 2008 HM₂₁
 2009 RF = 1998 TV₂₁
 2009 RG = 2002 QQ₃₉
 2009 RL₁ = 2005 UE₃₇₆
 2009 RM₁ = 2005 WA₁₉₇
 2009 RP₁ = 2009 KB₅
 2009 RQ₁ = 2008 GQ₃₄
 2009 RL₂ = 2000 KX₄₄ = 2007 DR₇₉
 2009 RM₂ = 2003 OC₁₁
 2009 RR₂ = 2008 KF₁₂
 2009 RV₂ = 2009 OV₁ = 1998 SK₆₈
 2009 RA₃ = 2000 CH₁₄₀
 2009 RB₃ = 2005 UV₂₅₀
 2009 RO₃ = 1996 TW₄
 2009 RT₃ = 1998 TG₆
 2009 RU₃ = 2003 BN₈₅ = 2007 BD₆₇
 2009 RU₄ = 2008 CX₉₃ = 2008 EK₁₆₄
 2009 RJ₅ = 1998 SH₁₆₇ = 1998 SX₅₂ = 2004 VT₈₆
 2009 RB₆ = 2004 TQ₅₉
 2009 RV₆ = 2000 CT₁₄₇ = 2006 BS₂₂₁
 2009 RH₇ = 1999 VU₁₄₅
 2009 RM₇ = 2009 QL₄₈
 2009 RY₇ = 2007 EE₃₃
 2009 RB₈ = 2003 SJ₃₆₁
 2009 RC₈ = 2005 NO₆₄
 2009 RD₈ = 2006 BT₂₃₅
 2009 RF₈ = 2005 VT₄₄
 2009 RJ₈ = 2004 TJ₃₃₁
 2009 RN₈ = 2005 QW₁₂₀
 2009 RX₉ = 2003 FG₃₉
 2009 RT₁₀ = 1999 WS₂₆ = 2008 GJ₁₆
 2009 RF₁₁ = 2007 EJ₇₁
 2009 RH₁₁ = 2005 UZ₃₀₃ = 2008 KC₃₂

2009 RM₁₁ = 2006 DJ₉₁
 2009 RU₁₁ = 2006 EO₄₇
 2009 RW₁₁ = 2000 TN₃₂
 2009 RZ₁₁ = 2007 EA₂₀₁
 2009 RR₁₂ = 2007 ES₁₁₂
 2009 RW₁₂ = 2005 NQ₉₂
 2009 RB₁₃ = 2000 ST₃₂₆
 2009 RA₁₄ = 1998 SQ₁₇₆
 2009 RB₁₄ = 2007 EA₈₆
 2009 RD₁₄ = 2005 WW₁₅
 2009 RK₁₄ = 2007 HB₄₄
 2009 RN₁₄ = 2003 UC₃₇₅ = 2006 ED₅₉
 2009 RX₁₄ = 2004 TQ₃₁₂
 2009 RL₁₅ = 2001 QE₃₂₀ = 2007 DC₂
 2009 RQ₁₅ = 2006 WD₉₄
 2009 RV₁₅ = 2005 VX₉₀
 2009 RB₁₆ = 2003 SJ₃₆₆
 2009 RL₁₆ = 2004 RX₂₉₉ = 2005 YZ₁₉₇
 2009 RV₁₆ = 2004 PW₆₄ = 2007 DS₆₄
 2009 RW₁₆ = 2005 GS₁₀₁
 2009 RH₁₇ = 2004 XG₇₄
 2009 RK₁₇ = 2003 UX₄₀₂ = 2007 LL₁₆
 2009 RM₁₇ = 2006 EF₁₃
 2009 RY₁₇ = 2004 TG₁₇₉
 2009 RT₁₈ = 2005 UK₁₇₄
 2009 RZ₁₈ = 2001 QB₁₇₃ = 2005 TO₅₃
 2009 RQ₂₀ = 2000 SJ₃₂₄ = 2007 EX₁₈₈
 2009 RJ₂₂ = 2005 TR₁₁₇
 2009 RC₂₄ = 2005 YE₂₆₁ = 2007 EL₉
 2009 RM₂₅ = 2002 VU₁₁₁
 2009 RV₂₅ = 2008 SO₁₆₉
 2009 RH₂₆ = 1999 TM₂₂₉
 2009 RK₂₆ = 2006 UZ₈₄
 2009 RT₂₆ = 2003 SX₁₁₂
 2009 RU₂₆ = 2002 TR₂₇₃
 2009 RX₂₆ = 2008 CA₁₄₀
 2009 RK₂₇ = 2007 FM₂₆
 2009 RN₂₇ = 2007 EF₁₃₄ = 2007 GG₃
 2009 RO₂₇ = 2002 NG₅₆
 2009 RQ₂₈ = 2002 XP₁₀₇ = 2008 HD₂₅
 2009 RT₂₉ = 2008 GR₁₁₆
 2009 RU₂₉ = 2005 WZ₇₈
 2009 RA₃₀ = 2006 CB₂₂
 2009 RB₃₀ = 2008 GM₁₁₆
 2009 RD₃₀ = 2005 UB₃₇₅
 2009 RG₃₀ = 1995 OO₉ = 2007 BL₈
 2009 RO₃₀ = 2005 VX₈₉
 2009 RP₃₀ = 2008 EZ₂₀
 2009 RQ₃₀ = 1993 FJ₆₆ = 1995 QK₁₅ = 2000 WO₁₉₇ = 2000 WP₁₉₇ = 2007 EU₇₆
 2009 RU₃₀ = 2002 TT₂₃₄
 2009 RF₃₁ = 2005 RM₁
 2009 RK₃₁ = 2005 UD₄₁₃

2009 RM₃₁ = 2005 YD₁₇₆
 2009 RS₃₁ = 2002 EM₁₀₉
 2009 RV₃₁ = 2001 SA₂₉₇ = 2007 BK₃₉
 2009 RX₃₁ = 2007 DR₅₆
 2009 RZ₃₁ = 2005 YQ₂₇₈
 2009 RG₃₂ = 2005 XJ₆₉
 2009 RF₃₃ = 2005 XZ₇₈
 2009 RV₃₃ = 1999 RC₂₄₈ = 2004 TN₅₈
 2009 RB₃₄ = 2004 XK₁₅₆
 2009 RM₃₄ = 2005 PU₁₃
 2009 RN₃₄ = 1991 TQ₈ = 2000 TJ₆₅ = 2006 BT₆₁
 2009 RO₃₄ = 2005 UM₁₇₈
 2009 RT₃₄ = 2003 UV₃₂₈
 2009 RZ₃₄ = 2004 TF₂₁₆
 2009 RE₃₅ = 1998 SX₁₄₈
 2009 RH₃₅ = 2005 VQ₆₅
 2009 RN₃₇ = 2001 YC₃₆ = 2005 US₃₁₈
 2009 RA₃₉ = 2008 EC₁₈
 2009 RJ₃₉ = 2005 TG₉₀
 2009 RO₃₉ = 2008 EO₃₁
 2009 RR₃₉ = 2002 VC₅₉
 2009 RK₄₀ = 2004 TQ₁₅₇
 2009 RT₄₀ = 2006 BT₁₆₇
 2009 RA₄₄ = 2004 QY₁₅
 2009 RL₄₅ = 2005 UY₃₆₄
 2009 RU₄₅ = 2004 EB₁₀₈
 2009 RD₄₆ = 2006 GW₂₂
 2009 RU₄₆ = 2004 TS₃₁₅
 2009 RC₄₇ = 2004 SZ₅ = 2005 YH₂₀₂
 2009 RS₄₇ = 2005 UR₈₀ = 2005 UE₄₉₄ = 2005 UY₅₂₉ = 2005 XD₇ = 2008 JD₂₅
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 2009 RX₄₇ = 2005 US₂₂₃
 2009 RX₄₉ = 1998 RV₅₁ = 1998 SR₁₄₉
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 2009 RN₅₁ = 2004 RM₂₈₈
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 2009 RD₅₂ = 2007 HL₄₂
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 2009 RD₅₅ = 2007 HS₆₀
 2009 RM₅₅ = 2006 BA₁₂
 2009 RS₅₅ = 2006 WC₁₈₃
 2009 RZ₅₅ = 2007 GS₃₄
 2009 RG₅₆ = 2007 HX₅₅
 2009 RK₅₆ = 2006 BQ₂₇
 2009 RW₅₇ = 2007 AV₁₄
 2009 RB₅₈ = 2000 QL₁₀₆
 2009 RF₅₈ = 2004 VG₈₃
 2009 RM₅₈ = 2005 WV₁₉₀
 2009 SO = 1998 SB₉₁
 2009 SZ₁ = 2005 LQ₇

2009 SB₃ = 2005 UT₁₄₃
 2009 SL₆ = 2007 FD₃₅
 2009 SS₈ = 2003 GJ₁₉
 2009 SX₈ = 2006 BU₂₁₉
 2009 SA₉ = 2000 SP₃₄₅ = 2008 GX₉₂
 2009 SY₉ = 2002 RX₂₆₆
 2009 ST₁₄ = 2005 UU₄₀₇
 2009 SO₁₅ = 2005 QS₃₁
 2009 SP₁₅ = 2004 ST₄₆
 2009 SX₁₉ = 2007 EQ₁₀₅
 2009 SL₂₀ = 1996 BE₁₆ = 2004 TA₃₀₂
 2009 SW₂₀ = 2008 GW₈₄
 2009 SD₂₁ = 2007 ET₂₇
 2009 SX₂₁ = 2005 JN₉₇
 2009 SJ₂₂ = 2008 DF₈₀
 2009 SX₂₂ = 2008 EU₈₀
 2009 SZ₂₂ = 2007 ER₄₂
 2009 SW₂₃ = 2000 WW₁₈₅
 2009 SA₂₅ = 2005 WO₂₀₂ = 2007 EU₁₇₉
 2009 SP₂₅ = 2005 XA₇₄
 2009 SR₂₆ = 2005 VM₄₇
 2009 SY₂₆ = 2005 QC₁₄₆
 2009 SJ₂₇ = 1998 BE₁₄
 2009 ST₂₈ = 2008 JX₁₅
 2009 SX₂₈ = 2005 QT₁₆₆
 2009 SD₂₉ = 1998 UT₂
 2009 SF₃₀ = 1999 UG₅₇
 2009 SV₃₀ = 2002 UG₆₆
 2009 SY₃₀ = 2007 EQ₉₀
 2009 SL₃₁ = 2002 CX₂₈₆
 2009 SK₃₅ = 2005 QZ₆₁
 2009 SS₃₅ = 2004 TK₂₁₆ = 2006 BL₂₁₅
 2009 SL₃₉ = 2007 GQ₆₂
 2009 SJ₄₀ = 1995 QH₆
 2009 SP₄₀ = 2005 TJ₁₃₂
 2009 SQ₄₀ = 2005 GK₁₄₆
 2009 SS₄₀ = 2004 XU₁₁₄
 2009 SE₄₃ = 2005 XJ₇₃
 2009 SP₄₃ = 2008 JX₇
 2009 SQ₄₃ = 2005 PX₁₁
 2009 SM₄₆ = 2003 JL₁₂
 2009 SY₄₆ = 2007 EA₈₇
 2009 SG₄₇ = 2003 RG₅
 2009 SM₄₇ = 2006 DN₁₂₈
 2009 SH₄₈ = 1997 UD₁₃
 2009 SK₄₈ = 2003 GG₂₄
 2009 SW₄₉ = 2004 FY₁₀₂
 2009 SP₅₀ = 2004 CW₉₃ = 2005 NG₅₉
 2009 SE₅₂ = 1993 VF₇
 2009 SP₅₂ = 2004 TN₅₉
 2009 SJ₅₃ = 1996 VU₃₈
 2009 SM₅₇ = 2002 VR₉₅

2009 SX₅₈ = 2004 EM₁₀₈
 2009 SR₆₀ = 2000 DU₄₅ = 2004 YR₃₀
 2009 SE₆₁ = 2002 XS₉₄
 2009 SN₆₁ = 2005 UG₃₆₃
 2009 SO₆₁ = 2006 AA₈₈ = 2007 EJ₁₈₀
 2009 SV₆₂ = 2004 ER₉₉
 2009 SU₆₅ = 2003 SQ₁₃₆
 2009 ST₆₇ = 2003 KD₂₄
 2009 SG₆₉ = 2000 SA₁₅₉ = 2005 YF₁₅₇
 2009 SX₇₀ = 2008 QZ₁₄
 2009 SQ₇₁ = 2004 TM₂₅₃
 2009 SO₇₂ = 1999 TB₄₃ = 1999 TU₃₃₆ = 2004 RT₂₉₆
 2009 SJ₇₄ = 2004 VT₁₀₈
 2009 SO₇₄ = 2008 GP₁₁₄
 2009 SQ₇₄ = 2007 EB₁₅₈
 2009 SZ₇₄ = 1995 UM₃₅
 2009 SG₇₅ = 2005 WW₁₆₀
 2009 SR₇₅ = 2006 DM₁₃ = 2008 OT₅
 2009 SE₇₆ = 2007 EO₁₂₂
 2009 SB₇₉ = 2006 XB₃₄
 2009 SN₈₆ = 2005 YK₄₂
 2009 SR₈₇ = 2004 RL₃₅₄ = 2006 AW₉
 2009 ST₈₇ = 2005 RV₄₁
 2009 SY₈₉ = 2005 YD₂₄₀
 2009 SV₉₂ = 2005 UD₃₉₂
 2009 SB₉₆ = 2008 CV₁₃₉
 2009 SV₉₈ = 2004 LE₂₄
 2009 SG₉₉ = 2007 BV₆₃
 2009 SF₁₀₀ = 2004 RR₂₉₅ = 2005 YY₁₀₁
 2009 SM₁₀₀ = 1997 TE₁₄
 2009 SR₁₀₀ = 2007 DU₆₅
 2009 SQ₁₀₂ = 2004 RZ₂₉₆
 2009 SE₁₀₄ = 2001 FM₁₁₂ = 2007 HS₈₈
 2009 SF₁₀₄ = 2008 EK₁₂
 2009 SC₁₀₅ = 2005 VO₆₁
 2009 SD₁₀₅ = 2007 HQ₅
 2009 SQ₁₁₀ = 2007 ER₄₆
 2009 SC₁₁₁ = 2008 JV₁₈
 2009 SD₁₁₁ = 2003 SQ₄₁₀
 2009 SR₁₁₁ = 2002 XU₉₈ = 2005 QW₄₀
 2009 SD₁₁₂ = 2005 SD₅₂
 2009 SS₁₁₂ = 2005 QA₁₆₈
 2009 SG₁₁₃ = 2000 BZ₇ = 2006 XK₆₄
 2009 SJ₁₁₃ = 2004 VB₈₉
 2009 SK₁₁₄ = 1999 FB₆₇
 2009 SA₁₁₅ = 2006 UZ₃₄₇
 2009 SS₁₁₅ = 2008 GT₁₁₅
 2009 SO₁₁₇ = 1998 QQ₂
 2009 SU₁₁₇ = 2004 TP₂₆₈
 2009 SV₁₁₇ = 2007 EX₃₃
 2009 SB₁₁₈ = 2007 EH₁₇₉
 2009 SP₁₁₈ = 2003 UG₂₉₀ = 2006 ES₅₉

2009 SS₁₁₈ = 2005 UW₃₄₅
 2009 SF₁₁₉ = 2005 TO₉₇
 2009 SC₁₂₀ = 2006 AS₅₁
 2009 SK₁₂₀ = 2005 UC₄₁₃
 2009 SX₁₂₁ = 2001 DE₆₆
 2009 SO₁₂₃ = 2003 YH₉₇
 2009 SR₁₂₃ = 2006 ED₆₈
 2009 SK₁₂₄ = 2007 EQ₉₁
 2009 SZ₁₂₄ = 2006 WU₁₇₂
 2009 SB₁₂₅ = 2002 UR₂₃
 2009 SL₁₂₅ = 2007 CN₁₄ = 2007 EV₈₀
 2009 SW₁₂₅ = 2005 GB₁₄₃
 2009 SC₁₂₆ = 2008 FK₆
 2009 SR₁₂₆ = 2006 DD₁₈
 2009 SU₁₂₆ = 2005 UE₄₆₈ = 2007 DY₇₉
 2009 SF₁₂₇ = 2006 DE₂₀₅
 2009 SQ₁₂₇ = 2008 DU₅₀
 2009 SU₁₂₇ = 2005 GV₉₁
 2009 SL₁₂₈ = 2005 UF₄₂₇
 2009 SC₁₂₉ = 2005 UH₄₆₄
 2009 SU₁₃₀ = 2002 TP₃₂₇
 2009 SJ₁₃₁ = 2003 HC₃₂
 2009 SL₁₃₁ = 1998 TY₂₇
 2009 SB₁₃₂ = 2007 RE₂₃₇
 2009 SF₁₃₂ = 2004 VM₂₅
 2009 SG₁₃₂ = 2005 VD₅₀
 2009 SC₁₃₃ = 2004 RP₃₀₁ = 2007 EQ₉₉
 2009 SV₁₃₃ = 2007 EN₁₀₉
 2009 SD₁₃₅ = 2003 LK₇
 2009 SK₁₃₆ = 2003 UT₃₇₂
 2009 SM₁₃₆ = 2005 UV₄₀₅
 2009 SS₁₃₆ = 2004 TQ₇₈
 2009 SB₁₃₈ = 2005 JJ₁₂₆ = 2008 DP₇₄
 2009 SJ₁₃₈ = 2005 UA₄₆₄
 2009 SE₁₄₁ = 2004 RB₂₉₉
 2009 SH₁₄₁ = 2005 UD₄₄₃
 2009 SE₁₄₂ = 2008 KW₁
 2009 ST₁₄₂ = 2004 GL₅₇
 2009 SN₁₄₃ = 2007 HX₇₂
 2009 SO₁₄₃ = 2004 FT₇₀
 2009 SY₁₄₃ = 2007 EQ₁₄₄
 2009 SN₁₄₆ = 2005 UJ₃₁₃
 2009 SA₁₄₇ = 2006 BX₂₀₆ = 2007 EG₁₁₈
 2009 SS₁₆₉ = 1999 VP₁₃₉

NEW NAMES OF MINOR PLANETS

(4897) Tomhamilton = 1987 QD₆

Discovered 1987 Aug. 22 by E. F. Helin at Palomar.

Thomas William Hamilton (b. 1939) determined radar and fuel requirements for the Apollo Project. Later he wrote shows (in a dozen languages and also for the deaf) for programmable planetaria, taught astronomy for 32 years and trained students to enter the planetarium field.

(5277) Brisbane = 1988 DO

Discovered 1988 Feb. 22 by R. H. McNaught at Siding Spring.

Brisbane, the name of the capital city of Queensland, itself honors Sir Thomas Makdougall Brisbane, an astronomer and the colonial governor who established Australia's first permanent observatory in 1822. The minor planet's discoverer was born 20 km from Brisbane's birthplace in Ayrshire, Scotland.

(5741) Akanemaruta = 1989 XC

Discovered 1989 Dec. 2 at Oohira.

Akane Maruta (1988–1998) was a girl who loved stars. She was killed in an accident caused by a drunk driver. The Akane Astronomical Observatory was built in her memory. A public concert is held there every May to honor her around the time of her birthday. The name was suggested by N. Matsumoto.

(5821) Yukiomaeda = 1989 VV

Discovered 1989 Nov. 4 at Oohira.

Yukio Maeda (b. 1948), a space engineer at the Institute of Space and Astronautical Science, has been one of the key participants in Japanese scientific satellite projects since 1971. He is also a well-known amateur astronomer and solar eclipse enthusiast. The name was suggested by Y. Matogawa and R. Hasuo.

(6098) Mutojunkyū = 1991 UW₃

Discovered 1991 Oct. 31 by M. Matsuyama and K. Watanabe at Kushiro.

Junkyū Muto (b. 1950) is famous worldwide as a Japanese sculptor and painter living in Rome. His series of Kazenowa ("circle wind") sculptures is particularly well known, and in 2000 one of them was installed permanently at the papal villa in Castel Gandolfo as its first abstract sculpture as a monument to world peace.

(9107) Narukospa = 1997 AE₄

Discovered 1997 Jan. 6 by T. Kobayashi at Oizumi.

Naruko-onsen is a town famous for its hot springs, visited by tourists all year long. Narukokyo is a gorge, 100 meters deep and known for its beautiful autumn leaves. Onikobe geyser ejects hot water 20 meters into the air. The Naruko crater on Mars is also named for the town.

(9108) Toruyusa = 1997 AZ₆

Discovered 1997 Jan. 9 by T. Kobayashi at Oizumi.

Toru Yusa (b. 1966) is director of the planetarium and observatory at the Osaki Lifelong Learning Center in Miyagi Prefecture and a member of the board of directors of the Japan Public Observatory Society. In addition to being a popularizer of astronomy, he is an enthusiastic observer of comets.

(10480) Jennyblue = 1982 JB₂

Discovered 1982 May 15 at Palomar.

Jennifer S. Blue (b. 1954), of the U.S. Geological Survey, Flagstaff, Arizona, has been the *sine qua non* of the IAU Working Group on Planetary System Nomenclature since 1995, serving both as its secretary and as the keeper of the *Gazetteer of Planetary Nomenclature*.

(10545) Källunge = 1992 EQ₉

Discovered 1992 Mar. 2 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Källunge is a small parish on Gotland. The architecture of the church, the only one on the island of its kind, is very strange.

(10553) Stenkumla = 1993 FZ₄

Discovered 1993 Mar. 17 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Stenkumla is a small parish on the island Gotland. The oldest parts of its church date from the twelfth century.

(10572) Kominejo = 1994 VO₇

Discovered 1994 Nov. 8 by S. Otomo at Kiyosato.

Kominejo castle, in Sirakawa city, is famous as a place where observations were made of the 1887 Aug. 19 total solar eclipse, the track of which passed across the center of Japan.

(10794) Vänge = 1992 DW₅

Discovered 1992 Feb. 29 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Vänge is the place where, according to an old saga, a man called Tjelvar first came ashore on Gotland. After he lit a fire the spell was broken, and the island did not sink into the ocean at night any more.

(10795) Babben = 1992 EB₅

Discovered 1992 Mar. 1 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Barbro Babben Larsson (b. 1956), born on Gotland, is a Swedish actress, singer and comedienne. Famous for her one-liners, she was one of those who introduced stand-up comedy in Sweden.

(10796) Sollerman = 1992 EB₈

Discovered 1992 Mar. 2 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Jesper Sollerman (b. 1968) is an astronomer working at the department of astronomy, Stockholm University. He works on supernovae, pulsars and γ -ray bursts but is also very interested in presenting astronomy for the general public.

(10814) Gnisvård = 1993 FW₃₁

Discovered 1993 Mar. 19 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Gnisvård is a small fishing village on Gotland. One of the largest stone ships on the island, almost 50 meters in length, can be found there.

(10815) Östergarn = 1993 FU₃₂

Discovered 1993 Mar. 19 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

The parish of Östergarn is situated in a very attractive part of Gotland with lots of natural beauty. Several fishing villages are to be found there, such as Katthammarsvik, Herrvik and Sysne.

(11507) Danpascu = 1990 OF

Discovered 1990 July 20 by E. F. Helin at Palomar.

Dan Pascu (b. 1938), at the U.S. Naval Observatory since 1963, developed techniques for astrometric observations of the planetary satellites and produced the largest astrometric archive and observational database for these objects. In 1980 he rediscovered Saturn X (Janus) and codiscovered Saturn XIV (Calypso).

(11926) Orinoco = 1992 YM₂

Discovered 1992 Dec. 18 by E. W. Elst at Caussols.

The Orinoco, a river in the extreme northern part of South America, has its source in the Parima mountain range on the Venezuelan-Brazilian border. Draining 880 000 km² of the Colombian and Venezuelan region, it forms an enormous delta before reaching the Atlantic Ocean near the island of Trinidad.

(12031) Kobaton = 1997 BY₄

Discovered 1997 Jan. 30 by N. Sato at Chichibu.

Since 2005, Kobaton (also known as Shirakobato, or the Eurasian collared dove) has been the official bird of Saitama prefecture.

(12095) Pinel = 1998 HE₁₀₂

Discovered 1998 Apr. 25 by E. W. Elst at the European Southern Observatory.

Philippe Pinel (1745–1826), a French physician who made revolutionary contributions to the treatment of patients suffering from mental illness, became chief physician at the La Salpêtrière clinic in Paris. His *Traité médico-philosophique sur l'Aliénation mentale* (1801) has been translated into several languages.

(12100) Amiens = 1998 HR₁₄₉

Discovered 1998 Apr. 25 by E. W. Elst at the European Southern Observatory.

Amiens, the capital of Picardy, is famous for its cathedral, the tallest of the Gothic churches in France. Notable for its beautiful sculptures on the principal façade, it has been named the “Parthenon of Gothic architecture”. The city is also worth a visit for its complex of gardens along the Somme river.

(12229) Paulsson = 1985 UK₃

Discovered 1985 Oct. 17 by C.-I. Lagerkvist at Kvistaberg Observatory.

Rolf Paulsson (b. 1943), a lecturer at Uppsala University, has been an outstanding teacher of theoretical physics for generations of students.

(12286) Poiseuille = 1991 GY₄

Discovered 1991 Apr. 8 by E. W. Elst at the European Southern Observatory.

Jean Louis Marie Poiseuille (1797–1869) was a French physicist and physiologist who, through his work on the pressure of blood, became interested in the resistance of the flow of viscous fluids in small tubes. This led to the formulation of the Hagen-Poiseuille Law. The unit of viscosity is named the poise.

(12819) Susumutakahasi = 1996 JO

Discovered 1996 May 12 by R. H. McNaught and Y. Ikari at Moriyama.

Susumu Takahasi (b. 1958), director of the Dync Astronomical Observatory “Tenkyukan”, is ardent about astronomical education and a fine observer of variable stars.

(13037) Potosi = 1990 EN₃

Discovered 1990 Mar. 2 by E. W. Elst at the European Southern Observatory.

Potosi, a famous mining town in Bolivia, was founded in 1546. During 1556–1783 almost 45 000 tons of pure silver were mined from the Cerro Rico, with 7000 tons going to the Spanish monarchy. Thousands of Incan workers died from exhaustion and mercury poisoning. They were replaced by African slaves.

(13069) Umbertoeco = 1991 RX₁

Discovered 1991 Sept. 6 by E. W. Elst at Haute Provence.

Umberto Eco (b. 1932) is an Italian philosopher and novelist, well known for his novels *Il nome della rosa* (1980) and *Il pendolo di Foucault* (1988). He is now the president of the Scuola Superiore di Studi Umanistici at the University of Bologna.

(13918) Tsukinada = 1984 QB

Discovered 1984 Aug. 24 by T. Seki at Geisei.

The sea off the town of Otsuki, Kochi prefecture, is well known for coral products. Underwater corals make the sea of Tsukinada appear pinkish. Its beauty attracts tourists and is also sung of in a folksong.

(13978) Hiwasa = 1992 JQ

Discovered 1992 May 4 by T. Seki at Geisei.

Hiwasa is a coastal town in Tokushima prefecture. Its Ohama Beach is known for sea turtles coming ashore to lay eggs and has an aquarium specializing in sea turtles.

(17501) Tetsuro = 1992 FG

Discovered 1992 Mar. 23 by K. Endate and K. Watanabe at Kitami.

Since retiring as principal of a junior high school “child astronomy club” sponsored by Kuroishi city, Tetsuro Fukushi (b. 1936) has worked as a volunteer lecturer. Since 1998 he has worked to further the spread of astronomical activities for local citizens as vice president of the Kuroishi Subaru Association.

(17502) Manabeseiji = 1992 FD₁

Discovered 1992 Mar. 23 by K. Endate and K. Watanabe at Kitami.

Seiji Manabe (b. 1947) was a project manager of the VLBI Exploration of Radio Astronomy, which led to the high-precision determination of trigonometric parallaxes for Galactic radio sources. He served as head of the Earth Rotation Division at the National Observatory of Japan and as director of Mizusawa Observatory.

(17516) Kogayukihito = 1992 UZ₆

Discovered 1992 Oct. 28 by M. Yanai and K. Watanabe at Kitami.

Yukihito Koga (b. 1959), the executive announcer at the broadcasting station in Fukuoka, is also very well known as an amateur astronomer and as an astronomical anchorperson in Kyushu. His main interests are comets, meteors, solar eclipses and deep-space observations.

(19872) Chendonghua = 6097 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Donghua Chen (b. 1948) of Gulangyu, Xiamen, is a retired surgeon and active amateur astronomer well known throughout China. He helped organize the fourth International Workshop on Cometary Astronomy in Shanghai in July 2009. The name was suggested by D. W. E. Green.

(19873) Chentao = 6632 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Tao Chen (b. 1980) of Suzhou, Jiangsu, is a well-known amateur astronomer who codiscovered comet C/2008 C1 (Chen-Gao) and who helped organize the fourth International Workshop on Cometary Astronomy in Shanghai in July 2009. The name was suggested by D. W. E. Green.

(19874) Liudongyan = 6775 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Dongyan Liu (b.1987) of Suzhou, Jiangsu, a student majoring in English at Suzhou University, served as interpreter for the International Workshop on Cometary Astronomy and a total solar eclipse expedition in China in July 2009. The name was suggested by D. W. E. Green.

(19875) Guedes = 6791 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Leandro Lage dos Santos Guedes (b.1976), an astronomer at the Rio de Janeiro planetarium, helped to organize the fifth International Workshop on Cometary Astronomy in Aug. 2009. The name was suggested by D. W. E. Green.

(21073) Darksy = 1991 RE

Discovered 1991 Sept. 4 by R. H. McNaught at Siding Spring.

Part of a worldwide initiative, Dark Sky Scotland promotes the use of Scotland's dark rural areas for astronomy outreach. Its events encourage the public to enjoy the night sky and learn how astronomers are exploring the wonders of the Universe.

(23648) Kolář = 1997 CB

Discovered 1997 Feb. 1 by L. Šarounová at Ondřejov.

Czech amateur astronomer and telecommunication engineer Jan Kolář (b.1936) served for decades as chairman of the Optical Group of the Czech Astronomical Society and was elected an honorary fellow of the Society in 2001. He constructed "Bikukr", a pair of telescopes for high-quality deep-sky visual observation.

(24601) Valjean = 1971 UW

Discovered 1971 Oct. 26 by L. Kohoutek at Bergedorf.

When Jean Valjean, the central character in Victor Hugo's *Les Misérables*, was in prison, he was known by the number 24601. By associating this minor planet with Valjean's name, a connection is established with one of the world's greatest works of literature.

(26194) Chasolivier = 1997 CO₂₆

Discovered 1997 Feb. 10 by Spacewatch at Kitt Peak.

Charles P. Olivier (1884–1975) was an American astronomer who, with William Denning in England, developed the scientific visual study of meteors. He founded the American Meteor Society in 1911 and led the AMS for decades. He encouraged many young observers, including the discoverer, J. Montani.

(28341) Bingaman = 1999 EU₅

Discovered 1999 Mar. 13 by R. Tucker at Goodricke-Pigott Observatory.

Missouri-born Kory Bingaman (b.1984) is a talented artist and graphic novelist.

(29311) Lesire = 1994 BQ₃

Discovered 1994 Jan. 16 by E. W. Elst and C. Pollas at Caussols.

Though suffering severely from hardness of hearing from an early age and moving from one school to another, Louise Lesire (b.1990) managed by extreme perseverance and help from her parents and teachers to finish high school successfully. She plans now to proceed with kinesitherapy in Ghent.

(29825) Dunyazade = 1999 DB₄

Discovered 1999 Feb. 20 by R. A. Tucker at Goodricke-Pigott Observatory.

Dunyazade was the sister of the master story-teller of the *1001 Arabian Nights*.

(30882) Tomhenning = 1992 SG₂

Discovered 1992 Sept. 21 by L. D. Schmadel and F. Börngen at Tautenburg.

Thomas Henning (b.1956), managing director of the Heidelberg Max-Planck-Institute for Astronomy, is a leading expert in the fields of the formation of stars and planets, as well as in laboratory astrophysics. The name was suggested by the first discoverer.

(32272) Hasegawayuya = 2000 PV₄

Discovered 2000 Aug. 4 by the BATTeRS project at Bisei Spaceguard Center.

Yuya Hasegawa (b.2002) was a prizewinner in the 2008 Space Day Award, an essay competition for children in elementary school. He attends the Iwazono Elementary School, Ashiya-shi, Hyogo-ken, and his winning essay was entitled "Dream of riding on Halley's Comet".

(32288) Terui = 2000 QN₁

Discovered 2000 Aug. 23 by the BATTeRS project at Bisei Spaceguard Center.

Yoshihiro Terui (b.1994) won the 2008 Space Day Award essay competition for students in junior high school with his essay "Is there extraterrestrial life?". He attends the Daiichi Junior high School, Fuchu-shi, Tokyo.

(34088) Satokosuka = 2000 PC₇

Discovered 2000 Aug. 6 by the BATTeRS project at Bisei Spaceguard Center.

Kosuke Sato (b.2001) won the 2008 Space Day Award painting competition for elementary school with his "Dream of space journey". He attends the Inokashira Elementary School, Musashino-shi, Tokyo.

(34123) Uedayukika = 2000 QD

Discovered 2000 Aug. 25 by the BATTeRS project at Bisei Spaceguard Center.

Yukika Ueda (b.1994) was a prizewinner in the 2008 Space-Day Award painting competition. She attends the Nazuka Junior High School, Nagoya-shi, Aichi-ken, and her winning painting was entitled "Imagination of space journey".

(35350) Lespaul = 1997 LP₁₄

Discovered 1997 June 8 by E. W. Elst at the European Southern Observatory.

Les Paul (Lester William Pollfuss, 1915–2009) was a famous guitarist who, in 1950, invented the solid-body electric guitar. In his music he also for the first time used multitrack recording.

(49698) Váchal = 1999 VA

Discovered 1999 Nov. 1 by J. Tichá and M. Tichý at Kleť.

Josef Váchal (1884–1969) was a Czech artist whose specific work combined graphic art, wood carving, handmade printing, poetry and writing on the borderline of symbolism, secession and expressionism. His masterpieces include *The Bloody Romance* and *Šumava mountains dying and romantic*.

(52422) LPL = 1994 LP

Discovered 1994 June 7 by Spacewatch at Kitt Peak.

The University of Arizona's Lunar and Planetary Laboratory was founded in 1960. Its scientists pursue research and education in the formation and evolution of planetary systems, employing telescopic observing, spacecraft remote and *in situ* sensing, as well as laboratory, field and theoretical studies.

(65672) Merrick = 1988 QD

Discovered 1988 Aug. 16 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

In spite of facing the challenge of a rare form of leukemia, Dawson Tate Merrick (1999–2009) excelled at all he attempted, from his academic studies to sports.

(71885) Denning = 2000 WD

Discovered 2000 Nov. 16 by Spacewatch at Kitt Peak.

British amateur astronomer William Frederick Denning (1848–1931) was renowned for his visual study of the heights and velocities of meteors and for his catalogues of meteor radiants. He also maintained an interest in Jupiter's red spot and discovered five comets, two of them of short period.

(79117) Brydonejack = 1988 QC₁

Discovered 1988 Aug. 16 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

William Brydone Jack (1817–1886) was a pioneer of Canadian astronomy. He built British North America's first astronomical observatory in 1851. Jack practised public outreach in astronomy. He determined Canada's first longitude readings, delivered the first engineering lecture and created the first engineering chair in Canada.

(80179) Václavknoll = 1999 VK

Discovered 1999 Nov 1 by L. Šarounová at Ondřejov.

Václav Knoll (b. 1964) has been a prominent promoter and popularizer of astronomy, natural sciences and technologies in the Czech city and region of Pardubice and particularly for young people. Since 1994 he has been the chief of the Pardubice's observatory of Baron Arthur Kraus.

(90826) Xuzhihong = 1995 TL₁

Discovered 1995 Oct. 14 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Chinese botanist Xu Zhihong (b. 1942) steadfastly and effectively supported the development of Chinese astronomy during the periods when he was president of Beijing University and vice president of the Chinese Academy of Sciences.

(99949) Miepgies = 1972 FD

Discovered 1972 Mar. 16 by T. Gehrels at Palomar.

Miep Gies (*née* Hermine Santrouschitz; b. 1909) is one of the Dutch citizens who hid Anne Frank and her family from the Nazis during World War II. She discovered and preserved Anne's diary after her arrest and deportation. The name was suggested by C. Koppeschaar.

(124104) Balcony = 2001 HJ₄₆

Discovered 2001 Apr. 17 at the Saint-Véran Observatory.

Balcony is the nickname of Francis Faux (b. 1959), a French amateur astronomer who lives in Médoc, in the Bordeaux wine region. He is a friend of Michel Hernandez, one of the discoverers of this minor planet.

(129561) Chuhachi = 1997 CS₂₁

Discovered 1997 Feb. 9 by A. Nakamura at Kuma Kogen.

In 1891 a self-taught aviation engineer, Chuhachi Ninomiya (1866–1936) became the first Japanese to fly a propeller-driven model aircraft. A manpowered aircraft, not completed in Ninomiya's time because of the lack of funds, was manufactured in 1991 following his design, and it flew 50 meters.

(133243) Essen = 2003 RT₁

Discovered 2003 Sept. 2 by T. Payer at the Walter Hohmann Observatory, Essen.

Essen, in the German agglomeration "Ruhrgebiet", is the former center of German heavy industry. It has emerged as a modern city with various scientific and cultural activities. Essen is the location of the observatory where this minor planet was discovered.

(137039) Lisiguang = 1998 UX₃₁

Discovered 1998 Oct. 26 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Li Siguang (1899–1971), founder of and pioneer in modern Chinese geology, contributed tremendously to earth sciences by creating the new discipline of geomechanics, which made theoretical breakthroughs in geological prospecting, hydrogeology, engineering geology, environmental geology, seismic geology and tectonic geology.

(154902) Davidtoth = 2004 RU₂₄₇

Discovered 2004 Sept. 12 at Jarnac.

David Toth (b. 1955) is a Canadian Emergency Room physician, private pilot and radio operator (call sign VE3GYQ). He has always been willing to diagnose problems and assist fellow amateur astronomers in resolving their issues.

(155083) Banneker = 2005 SE₁₃₄

Discovered 2005 Sept. 30 by L. Molnar at the Calvin-Rehoboth Observatory.

Benjamin Banneker (1731–1806) was a freeborn African-American farmer, clock-maker, writer and scientist. Self-taught in mathematics and astronomy, he wrote six published almanacs that sold throughout the mid-Atlantic region. He assisted in the 1791 survey of the Federal Territory (the District of Columbia).

(156880) Bernardtregon = 2003 ES₁

Discovered 2003 Mar. 4 at the Saint-Véran Observatory.

French amateur astronomer Bernard Tregon (b. 1968), from Bretagne, is a friend of Michel Hernandez, one of the discoverers of this minor planet. Tregon, who specialises in interferometry, often uses the amateur telescope at Pic du Midi.

(161693) Attiladanko = 2006 HL₄₆

Discovered 2006 Apr. 26 by A. Lowe at RAS Observatory, Mayhill.

Attila Danko (b. 1955) is a Canadian software designer and amateur astronomer. He developed and maintains the Clear Sky Charts, which are a primary planning tool for astronomical observers in North America.

(167960) Rudzikas = 2005 EV₂₄₉

Discovered 2005 Mar. 13 by K. Černis and J. Zdanavicius at the Moletai Astronomical Observatory.

Zenonas Rokus Rudzikas (b. 1940), president of the Lithuanian Academy of Sciences, is a well-known theoretical physicist, the author of some 250 scientific publications, including five monographs. Known for his talent as an organizer, he organized the Institute of Theoretical Physics and Astronomy and served as its head.

(171153) Allanrahill = 2005 GL₈₁

Discovered 2005 Apr. 10 by A. Lowe at RAS Observatory, Mayhill.

Allan Rahill (b. 1958) is a meteorologist at the Canadian Meteorological Centre, an amateur astronomer and accomplished optician. His astronomy forecast models feed the Clear Sky Charts, a primary planning tool for observers across North America.

(178830) Anne-Véronique = 2001 HT

Discovered 2001 Apr. 18 at the Saint-Véran Observatory.

Anne-Véronique (b. 1969) is the wife of Michel Hernandez, one of the discoverers of this minor planet.

(184501) Pimprenelle = 2005 PV₅

Discovered 2005 Aug. 9 by B. Christophe at Saint-Sulpice.

Caroline “Pimprenelle” Christophe (b. 1978) is the discoverer’s daughter. “Pimprenelle” was a puppet character on the 1970s French television show *Bonne nuit les petits*.

(184535) Audouze = 2005 QN₃₀

Discovered 2005 Aug. 29 by B. Christophe at Saint-Sulpice.

Jean Audouze (b. 1940) has worked on cosmic rays, nuclear cosmochronology, explosive nucleosynthetic processes and chemical evolution of galaxies. He directed the Paris Institute of Astrophysics (1978–1989), chaired the Canada-France-Hawaii Telescope board (1985–1986) and represents France on the COSPAR board.

(195998) Skipwilson = 2002 RO₂₃₅

Discovered 2002 Sept. 1 by R. Matson on NEAT images taken at Haleakala.

Ivan “Skip” Wilson (b. 1941) is a pioneer of systematic meteorite recovery. He has found over 100 distinct meteorites in the blowouts of eastern New Mexico since 1966, and he witnessed and recovered the 1998 Portales Valley fall. He has coauthored papers about meteorite accumulation rates and pairing.

(196481) VATT = 2003 KS₂

Discovered 2003 May 23 by W. H. Ryan and C. T. Martinez using the Vatican Advanced Technology Telescope at Mt. Graham International Observatory.

The Vatican Advanced Technology Telescope (VATT) is the result of a collaboration between the Vatican Observatory Research Group and Steward Observatory. The VATT has hosted astronomers who have made significant contributions to a variety of fields including solar system research.

(202787) Kestecher = 2008 OG

Discovered 2008 July 25 at the Observatorio de La Sagra.

Natalie Kestecher (b. 1961) is a multi-award-winning Australian radio producer. Her outstanding documentaries are characterised by a high personal engagement with and a respect for her interview partners all over the world. Natalie’s broadcasts bring unique, often niche themes, to her audience’s attention.

(207385) Maxou = 2005 RU₄

Discovered 2005 Sept. 4 by P. Kocher at Observatoire Naef, Marly.

Despite refusal of credit for a new building at Freiburg University, Max “Maxou” Aebischer (1914–2009) succeeded in getting it built with the help of private funds—a risky undertaking in his position as director of the education department. Aebischer also reorganized primary and middle schools in Freiburg.

(211613) Christophelovis = 2003 UB₃₀

Discovered 2003 Oct. 25 by M. Ory at Vicques.

Christophe Lovis (b. 1977) is a Swiss astrophysicist. Born in Jura, he is a member of the extrasolar planet group at Geneva University. In 2006 he discovered three Neptune-class planets around the star HD 69830.

(212723) Klitschko = 2007 RN₁₃₈

Discovered 2007 Sept. 14 at Andrushivka.

The brothers Vitali (b. 1971) and Wladimir (b. 1976) Klitschko are well-known Ukrainian heavyweight boxers and philanthropists. They have been promoters and supporters of UNESCO’s Programme for the Education of Children in Need and organizers of numerous charitable events.

(212924) Yurishchuk = 2008 AK₁

Discovered 2008 Jan. 6 at Zelenchukskaya.

Yuri Yulianovich Shevchuk (b. 1957) is a Russian poet, composer and producer, cult rock performer and long-time leader of the rock band DDT. He is also engaged in struggling for freedom of speech and guarding cultural values, taking part in humanitarian tours in the former USSR and making donations to injured soldiers.

(212929) Satovski = 2008 AD₁₁₂

Discovered 2008 Jan. 15 at Zelenchukskaya.

Boris Ivanovich Satovski (1908–1982) was twice a laureate of the USSR State Prize, an inventor, scientist and technician, the founder of Russian excavator construction and inventor of a walking excavator.

(214911) Viehboeck = 2007 TM₁₈₄

Discovered 2007 Oct. 11 by R. Gierlinger at Gaisberg Observatory.

In 1991, Franz Viehboeck (b. 1960) became the first Austrian astronaut, when he completed a seven-day stay on the space station MIR within the Soviet-Austrian project AUSTROMIR.

(216433) Milianleo = 2009 DM₃

Discovered 2009 Feb. 19 by E. Schwab at Tzec Maun.

Milian Leo Schwab (b. 2004) is the first-born son of the discoverer.

(216897) Golubev = 2009 HJ₅₈

Discovered 2009 Apr. 24 by V. Nevski at the Vitebsk Amateur Observatory.

Golubev Vladimir Aleksandrovich (b. 1940), on the astronomy faculty at Vitebsk State University, is a well-known astronomy popularizer and publicist in Belarus. He is president of the School Astronomy Club “Helios”.

(50000) Quaoar I = Weywot

Discovered 2006 Feb. 14 by M. E. Brown and T.-A. Suer at Palomar.

Weywot is the god of the sky in Tongva Mythology. Weywot was created by Quaoar when he sang the song of creation. The name was chosen by the Tongva tribe.

EPHEMERIDES

C/2009 S3 (Lemmon)						Elements MPC 67148			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		18 01.76	+33 06.7	8.510	8.548	88.8	6.7	20.5	
2009 10 06		18 04.27	+32 27.2	8.559	8.509	83.8	6.7	20.5	
2009 10 16		18 07.63	+31 49.9	8.606	8.470	78.9	6.6	20.5	
2009 10 26		18 11.76	+31 16.1	8.650	8.432	74.1	6.5	20.4	
2009 11 05		18 16.61	+30 47.0	8.688	8.394	69.6	6.4	20.4	
2009 11 15		18 22.08	+30 23.4	8.719	8.356	65.4	6.2	20.4	
2009 11 25		18 28.10	+30 06.4	8.741	8.319	61.7	6.0	20.4	
2009 12 05		18 34.58	+29 56.4	8.754	8.281	58.5	5.8	20.4	
2009 12 15		18 41.42	+29 53.9	8.756	8.244	55.9	5.7	20.4	
2009 12 25		18 48.53	+29 59.4	8.746	8.208	54.0	5.6	20.4	
2010 01 04		18 55.81	+30 13.0	8.725	8.171	53.0	5.5	20.3	
2010 01 14		19 03.18	+30 34.7	8.692	8.135	52.8	5.5	20.3	
2010 01 24		19 10.53	+31 04.6	8.647	8.099	53.4	5.6	20.3	
2010 02 03		19 17.77	+31 42.4	8.591	8.063	54.8	5.7	20.2	
2010 02 13		19 24.81	+32 27.6	8.524	8.028	56.9	5.9	20.2	
2010 02 23		19 31.55	+33 19.9	8.447	7.993	59.7	6.1	20.2	

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M.P.C. 67221

C/2009 R1 (McNaught)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		21 02.35	-33 15.7	3.699	4.339	123.9	11.1	17.2	
2009 10 06		20 54.13	-32 38.8	3.732	4.227	113.3	12.5	17.1	
2009 10 16		20 47.96	-31 51.7	3.777	4.114	102.8	13.7	17.0	
2009 10 26		20 43.94	-30 56.6	3.830	3.999	92.5	14.4	16.9	
2009 11 05		20 42.04	-29 55.6	3.884	3.883	82.6	14.7	16.8	
2009 11 15		20 42.12	-28 50.0	3.933	3.765	73.0	14.6	16.7	
2009 11 25		20 44.00	-27 40.7	3.974	3.646	63.7	14.1	16.6	
2009 12 05		20 47.48	-26 28.1	4.001	3.525	54.7	13.2	16.5	
2009 12 15		20 52.36	-25 12.3	4.011	3.402	46.0	12.0	16.3	
2009 12 25		20 58.47	-23 52.8	4.001	3.277	37.6	10.5	16.2	

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P/2009 Q5 (McNaught)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		01 26.20	-25 15.9	2.024	2.922	147.9	10.5	16.2	
2009 10 06		01 22.46	-27 53.1	2.044	2.927	146.0	11.0	16.2	
2009 10 16		01 18.12	-29 59.9	2.089	2.933	141.2	12.3	16.3	
2009 10 26		01 13.94	-31 30.9	2.157	2.942	134.7	13.9	16.4	
2009 11 05		01 10.65	-32 25.2	2.244	2.953	127.4	15.5	16.5	
2009 11 15		01 08.82	-32 45.3	2.347	2.966	119.9	16.8	16.6	
2009 11 25		01 08.80	-32 35.2	2.461	2.981	112.4	17.8	16.7	
2009 12 05		01 10.76	-32 00.2	2.584	2.998	105.2	18.5	16.8	
2009 12 15		01 14.65	-31 05.5	2.713	3.016	98.3	18.8	17.0	
2009 12 25		01 20.37	-29 55.5	2.844	3.037	91.7	18.9	17.1	
2010 01 04		01 27.73	-28 34.5	2.977	3.059	85.4	18.7	17.2	
2010 01 14		01 36.50	-27 05.7	3.109	3.083	79.4	18.3	17.4	
2010 01 24		01 46.52	-25 31.9	3.239	3.109	73.6	17.7	17.5	
2010 02 03		01 57.57	-23 55.6	3.366	3.136	68.2	17.0	17.6	
2010 02 13		02 09.50	-22 18.6	3.488	3.164	63.0	16.1	17.7	
2010 02 23		02 22.16	-20 42.9	3.605	3.194	58.1	15.2	17.8	
2010 03 05		02 35.42	-19 09.9	3.716	3.226	53.5	14.3	17.9	
2010 03 15		02 49.17	-17 41.0	3.820	3.259	49.2	13.4	18.0	
2010 03 25		03 03.32	-16 17.2	3.918	3.292	45.2	12.4	18.1	
2010 04 04		03 17.76	-14 59.7	4.008	3.328	41.6	11.5	18.2	

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P/2009 QG₃₁ (La Sagra)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		22 22.24	-10 04.3	1.219	2.151	150.8	13.2	17.8	
2009 10 06		22 20.17	-09 41.2	1.280	2.149	140.6	17.2	17.9	
2009 10 16		22 21.01	-09 05.7	1.358	2.149	131.1	20.5	18.0	
2009 10 26		22 24.77	-08 17.7	1.449	2.151	122.3	23.0	18.1	
2009 11 05		22 31.23	-07 17.9	1.552	2.157	114.2	24.8	18.3	
2009 11 15		22 40.02	-06 07.3	1.663	2.164	106.6	26.0	18.5	
2009 11 25		22 50.80	-04 46.7	1.782	2.175	99.5	26.6	18.6	
2009 12 05		23 03.20	-03 17.4	1.905	2.187	92.8	26.7	18.8	
2009 12 15		23 16.90	-01 40.6	2.032	2.202	86.4	26.5	19.0	
2009 12 25		23 31.67	+00 02.5	2.161	2.219	80.3	25.9	19.1	
2010 01 04		23 47.28	+01 50.4	2.292	2.239	74.5	25.0	19.3	
2010 01 14		00 03.57	+03 41.9	2.422	2.260	68.8	23.9	19.5	
2010 01 24		00 20.41	+05 35.7	2.551	2.283	63.2	22.6	19.6	
2010 02 03		00 37.70	+07 30.3	2.678	2.308	57.8	21.2	19.8	
2010 02 13		00 55.36	+09 24.6	2.802	2.335	52.4	19.6	19.9	
2010 02 23		01 13.33	+11 17.3	2.922	2.363	47.2	17.9	20.1	
2010 03 05		01 31.57	+13 07.2	3.036	2.393	42.0	16.1	20.2	

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227P/Catalina-LINEAR

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		02 46.03	+13 06.0	2.374	3.206	139.7	11.7	21.6	
2009 10 06		02 41.31	+12 52.3	2.246	3.156	150.7	8.9	21.4	
2009 10 16		02 34.58	+12 31.6	2.141	3.105	162.2	5.6	21.1	
2009 10 26		02 26.30	+12 05.6	2.064	3.055	173.9	2.0	20.7	
2009 11 05		02 17.19	+11 37.4	2.017	3.004	173.1	2.3	20.7	
2009 11 15		02 08.14	+11 10.6	1.999	2.952	161.0	6.3	20.8	
2009 11 25		02 00.08	+10 49.5	2.009	2.900	149.0	10.1	21.0	
2009 12 05		01 53.81	+10 37.8	2.044	2.848	137.4	13.6	21.1	
2009 12 15		01 49.83	+10 38.2	2.099	2.796	126.3	16.5	21.2	
2009 12 25		01 48.45	+10 51.9	2.168	2.744	115.9	18.8	21.3	
2010 01 04		01 49.69	+11 18.9	2.247	2.692	106.1	20.5	21.4	
2010 01 14		01 53.47	+11 58.5	2.331	2.639	97.0	21.7	21.5	
2010 01 24		01 59.63	+12 49.2	2.417	2.587	88.6	22.4	21.6	
2010 02 03		02 07.96	+13 49.4	2.501	2.535	80.7	22.6	21.6	
2010 02 13		02 18.26	+14 57.2	2.580	2.483	73.3	22.4	21.6	
2010 02 23		02 30.40	+16 10.8	2.654	2.431	66.3	21.9	21.6	
2010 03 05		02 44.22	+17 28.3	2.719	2.381	59.8	21.1	21.6	
2010 03 15		02 59.61	+18 47.9	2.776	2.330	53.7	20.1	21.6	
2010 03 25		03 16.51	+20 07.6	2.824	2.281	48.0	19.0	21.5	
2010 04 04		03 34.82	+21 25.4	2.864	2.233	42.6	17.6	21.5	
2010 04 14		03 54.52	+22 39.3	2.894	2.186	37.5	16.2	21.4	
2010 04 24		04 15.55	+23 47.2	2.915	2.140	32.7	14.7	21.3	

Elements MPC 67148

P/2009 Q1 (Hill)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		23 16.66	-04 22.1	1.873	2.854	165.4	5.1	17.4	
2009 10 06		23 13.63	-05 41.0	1.936	2.871	154.4	8.7	17.5	
2009 10 16		23 12.08	-06 45.4	2.024	2.888	143.7	11.8	17.6	
2009 10 26		23 12.32	-07 32.4	2.133	2.908	133.5	14.4	17.8	
2009 11 05		23 14.48	-08 01.1	2.259	2.928	123.8	16.3	17.9	
2009 11 15		23 18.49	-08 12.1	2.399	2.951	114.6	17.7	18.1	
2009 11 25		23 24.23	-08 06.7	2.549	2.974	105.8	18.6	18.3	
2009 12 05		23 31.50	-07 46.9	2.707	2.999	97.5	19.0	18.4	
2009 12 15		23 40.08	-07 14.7	2.869	3.026	89.6	19.0	18.6	
2009 12 25		23 49.78	-06 32.0	3.032	3.053	81.9	18.6	18.8	
2010 01 04		00 00.40	-05 40.8	3.195	3.082	74.5	17.9	18.9	
2010 01 14		00 11.77	-04 42.9	3.355	3.112	67.4	17.0	19.1	
2010 01 24		00 23.76	-03 39.7	3.510	3.143	60.4	15.8	19.2	
2010 02 03		00 36.25	-02 32.9	3.658	3.175	53.6	14.5	19.3	
2010 02 13		00 49.12	-01 23.7	3.798	3.207	47.0	13.0	19.5	
2010 02 23		01 02.30	-00 13.4	3.928	3.241	40.6	11.4	19.6	
2010 03 05		01 15.70	+00 56.8	4.048	3.276	34.2	9.8	19.7	

Elements MPC 67147

P/2009 S2 (McNaught)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		03 33.80	-25 33.4	1.609	2.325	124.2	20.9	18.7	
2009 10 06		03 32.63	-27 08.9	1.593	2.351	128.6	19.4	18.7	
2009 10 16		03 28.48	-28 20.6	1.592	2.379	132.2	18.1	18.8	

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M.P.C. 67222

2009 10 26	03 21.98	−28 59.3	1.606	2.408	134.3	17.2	18.8
2009 11 05	03 14.16	−28 58.6	1.638	2.440	134.7	16.8	18.9
2009 11 15	03 06.15	−28 16.6	1.688	2.473	133.2	17.0	19.1
2009 11 25	02 59.06	−26 55.7	1.756	2.507	129.9	17.6	19.2
2009 12 05	02 53.76	−25 02.1	1.842	2.543	125.4	18.4	19.4
2009 12 15	02 50.71	−22 44.3	1.944	2.580	120.0	19.3	19.6
2009 12 25	02 50.08	−20 10.2	2.060	2.619	113.9	20.1	19.8
2010 01 04	02 51.81	−17 27.5	2.189	2.658	107.6	20.6	19.9
2010 01 14	02 55.66	−14 42.0	2.329	2.698	101.1	21.0	20.1
2010 01 24	03 01.42	−11 58.1	2.478	2.739	94.6	21.0	20.3
2010 02 03	03 08.80	−09 19.1	2.633	2.781	88.1	20.7	20.5

P/2009 S1 (Gibbs)					Elements MPC 67148				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		04 02.40	−11 33.8	1.784	2.457	121.1	20.5	18.2	
2009 10 06		04 04.71	−13 51.1	1.729	2.468	127.4	18.8	18.1	
2009 10 16		04 04.26	−16 02.7	1.690	2.481	133.1	17.1	18.1	
2009 10 26		04 01.21	−17 58.5	1.669	2.496	137.7	15.6	18.1	
2009 11 05		03 56.09	−19 28.6	1.668	2.512	140.3	14.6	18.1	
2009 11 15		03 49.68	−20 25.2	1.687	2.530	140.5	14.4	18.2	
2009 11 25		03 42.94	−20 43.6	1.726	2.549	138.3	14.9	18.3	
2009 12 05		03 36.90	−20 23.8	1.785	2.570	134.1	16.0	18.4	
2009 12 15		03 32.36	−19 29.8	1.862	2.592	128.6	17.3	18.5	
2009 12 25		03 29.87	−18 07.8	1.954	2.616	122.3	18.5	18.6	
2010 01 04		03 29.68	−16 25.1	2.061	2.641	115.7	19.6	18.8	
2010 01 14		03 31.78	−14 28.6	2.179	2.666	109.0	20.4	19.0	
2010 01 24		03 36.08	−12 24.4	2.306	2.693	102.3	20.9	19.1	
2010 02 03		03 42.33	−10 17.4	2.440	2.721	95.7	21.1	19.3	
2010 02 13		03 50.30	−08 11.4	2.579	2.750	89.3	21.0	19.5	
2010 02 23		03 59.76	−06 09.1	2.721	2.779	83.0	20.7	19.6	
2010 03 05		04 10.48	−04 12.8	2.864	2.810	76.9	20.1	19.8	
2010 03 15		04 22.24	−02 23.9	3.007	2.841	70.9	19.3	19.9	
2010 03 25		04 34.89	−00 43.6	3.148	2.873	65.0	18.3	20.1	

P/2009 Q4 (Boattini)				Elements MPC 67147					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		06 01.32	+07 45.1	1.014	1.456	92.5	43.5	17.2	
2009 10 06		06 34.04	+07 04.1	0.935	1.413	93.8	44.9	16.9	
2009 10 16		07 07.11	+06 12.9	0.867	1.377	95.0	46.1	16.6	
2009 10 26		07 39.99	+05 16.7	0.809	1.350	96.4	47.1	16.3	
2009 11 05		08 12.12	+04 22.5	0.760	1.330	98.0	47.6	16.1	
2009 11 15		08 42.87	+03 37.7	0.718	1.320	100.1	47.5	16.0	
2009 11 25		09 11.53	+03 11.1	0.682	1.320	103.1	46.7	15.9	
2009 12 05		09 37.43	+03 10.8	0.651	1.330	107.0	45.1	15.8	
2009 12 15		09 59.87	+03 44.1	0.624	1.349	112.0	42.6	15.8	
2009 12 25		10 18.07	+04 58.0	0.602	1.377	118.5	38.9	15.8	
2010 01 04		10 31.44	+06 55.5	0.586	1.412	126.4	34.1	15.8	
2010 01 14		10 39.50	+09 35.1	0.578	1.455	135.7	28.2	15.9	
2010 01 24		10 42.20	+12 46.6	0.582	1.504	146.3	21.3	16.1	
2010 02 03		10 40.26	+16 09.5	0.601	1.557	157.3	14.2	16.3	
2010 02 13		10 35.10	+19 18.2	0.638	1.615	166.7	8.1	16.6	
2010 02 23		10 28.75	+21 49.8	0.695	1.676	168.1	7.0	17.0	
2010 03 05		10 23.22	+23 32.3	0.773	1.740	160.4	11.0	17.3	

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2010 03 15	10 19.87	+24 25.7	0.870	1.805	150.9	15.6	17.8
2010 03 25	10 19.36	+24 36.8	0.985	1.872	141.6	19.3	18.2
2010 04 04	10 21.72	+24 15.2	1.115	1.940	132.9	22.2	18.6
2010 04 14	10 26.60	+23 29.3	1.258	2.008	124.9	24.2	19.0
2010 04 24	10 33.57	+22 25.6	1.413	2.077	117.3	25.5	19.4
2010 05 04	10 42.19	+21 09.5	1.576	2.145	110.3	26.2	19.8
2010 05 14	10 52.05	+19 44.4	1.748	2.214	103.5	26.4	20.2

226P/Pigott-LINEAR-Kowalski					Elements MPC 67148				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 09 26		08 22.33	+46 28.3	2.314	2.166	68.9	25.6	17.7	
2009 10 06		08 48.54	+48 27.4	2.264	2.216	74.4	25.8	17.7	
2009 10 16		09 14.41	+50 27.3	2.217	2.267	80.0	25.7	17.8	
2009 10 26		09 39.64	+52 30.3	2.173	2.319	85.6	25.3	17.8	
2009 11 05		10 03.91	+54 38.3	2.134	2.372	91.2	24.7	17.9	
2009 11 15		10 26.88	+56 52.8	2.101	2.425	96.7	23.9	18.0	
2009 11 25		10 48.04	+59 14.8	2.077	2.480	102.1	22.9	18.0	
2009 12 05		11 06.78	+61 43.6	2.063	2.535	107.1	21.8	18.1	
2009 12 15		11 22.31	+64 17.7	2.060	2.590	111.6	20.7	18.2	
2009 12 25		11 33.49	+66 53.4	2.070	2.645	115.4	19.6	18.3	
2010 01 04		11 38.94	+69 25.0	2.093	2.700	118.2	18.7	18.4	
2010 01 14		11 36.94	+71 44.7	2.131	2.756	119.8	18.0	18.5	
2010 01 24		11 25.82	+73 41.7	2.184	2.811	120.2	17.6	18.7	
2010 02 03		11 05.31	+75 03.6	2.251	2.866	119.4	17.4	18.8	
2010 02 13		10 37.94	+75 39.8	2.332	2.921	117.4	17.5	19.0	
2010 02 23		10 09.48	+75 25.7	2.426	2.976	114.5	17.6	19.2	
2010 03 05		09 45.94	+74 26.4	2.531	3.030	110.9	17.8	19.3	
2010 03 15		09 30.24	+72 52.9	2.647	3.084	106.7	18.0	19.5	
2010 03 25		09 22.35	+70 56.3	2.772	3.138	102.2	18.1	19.7	
2010 04 04		09 20.80	+68 45.8	2.904	3.192	97.4	18.1	19.9	
2010 04 14		09 23.90	+66 27.4	3.042	3.244	92.5	18.0	20.0	
2010 04 24		09 30.31	+64 05.0	3.184	3.297	87.5	17.7	20.2	

C/2007 Q3 (Siding Spring)					Elements MPC 61437				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 16		11 17.66	+08 48.1	2.983	2.254	36.0	15.1	10.4	
2009 10 26		11 37.06	+10 03.0	2.896	2.262	42.3	17.2	10.4	
2009 11 05		11 56.57	+11 30.1	2.803	2.276	48.8	19.1	10.3	
2009 11 15		12 16.17	+13 12.4	2.707	2.295	55.4	20.8	10.3	
2009 11 25		12 35.81	+15 13.3	2.610	2.320	62.2	22.1	10.2	
2009 12 05		12 55.44	+17 35.7	2.515	2.349	69.0	23.1	10.2	
2009 12 15		13 14.96	+20 21.7	2.426	2.384	75.8	23.6	10.2	
2009 12 25		13 34.22	+23 32.7	2.347	2.424	82.5	23.7	10.2	
2010 01 04		13 53.02	+27 07.9	2.281	2.467	88.9	23.5	10.2	
2010 01 14		14 11.12	+31 04.5	2.232	2.515	94.9	22.9	10.2	
2010 01 24		14 28.18	+35 17.3	2.202	2.567	100.2	22.2	10.3	
2010 02 03		14 43.80	+39 38.8	2.193	2.621	104.6	21.3	10.4	
2010 02 13		14 57.53	+44 00.3	2.206	2.679	107.9	20.5	10.5	
2010 02 23		15 08.84	+48 12.2	2.240	2.740	109.9	19.8	10.6	
2010 03 05		15 17.23	+52 06.0	2.294	2.803	110.8	19.3	10.8	
2010 03 15		15 22.21	+55 34.3	2.366	2.869	110.5	18.9	10.9	
2010 03 25		15 23.44	+58 31.2	2.452	2.937	109.3	18.7	11.1	
2010 04 04		15 20.92	+60 52.2	2.550	3.006	107.5	18.5	11.3	

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2010 04 14	15 15.06	+62 34.7	2.657	3.077	105.3	18.3	11.5
2010 04 24	15 06.79	+63 37.5	2.771	3.150	102.8	18.1	11.7
2010 05 04	14 57.50	+64 01.8	2.890	3.223	100.1	17.9	11.9
2010 05 14	14 48.59	+63 50.5	3.013	3.298	97.4	17.7	12.1
2010 05 24	14 41.26	+63 08.1	3.137	3.374	94.7	17.4	12.3
2010 06 03	14 36.27	+62 00.2	3.263	3.451	92.0	17.1	12.4
2010 06 13	14 33.88	+60 32.2	3.389	3.529	89.4	16.7	12.6
2010 06 23	14 34.07	+58 49.0	3.516	3.607	86.9	16.3	12.8
2010 07 03	14 36.58	+56 55.1	3.642	3.686	84.5	15.9	13.0
2010 07 13	14 41.10	+54 53.8	3.768	3.765	82.1	15.5	13.1
2010 07 23	14 47.33	+52 48.2	3.894	3.845	79.7	15.1	13.3
2010 08 02	14 54.97	+50 41.0	4.019	3.925	77.4	14.6	13.5
2010 08 12	15 03.76	+48 34.2	4.144	4.005	75.1	14.2	13.6
2010 08 22	15 13.51	+46 29.8	4.268	4.086	72.8	13.7	13.8
2010 09 01	15 24.03	+44 29.3	4.391	4.166	70.6	13.2	13.9
2010 09 11	15 35.17	+42 34.2	4.514	4.247	68.4	12.7	14.1
2010 09 21	15 46.81	+40 45.9	4.634	4.328	66.2	12.3	14.2
2010 10 01	15 58.83	+39 05.4	4.753	4.409	64.1	11.8	14.3
2010 10 11	16 11.13	+37 33.8	4.869	4.490	62.2	11.3	14.5
2010 10 21	16 23.64	+36 12.0	4.982	4.571	60.3	10.9	14.6

C/2009 K3 (Beshore)				Elements MPC 66205				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 10 26		11 50.63	−03 11.3	6.185	5.386	33.6	5.9	19.8
2009 11 05		11 52.08	−03 55.6	6.013	5.331	43.0	7.3	19.7
2009 11 15		11 52.85	−04 38.8	5.819	5.277	52.6	8.6	19.5
2009 11 25		11 52.77	−05 20.2	5.607	5.223	62.4	9.6	19.4
2009 12 05		11 51.61	−05 58.9	5.380	5.169	72.5	10.5	19.3
2009 12 15		11 49.14	−06 34.1	5.144	5.117	82.9	11.0	19.1
2009 12 25		11 45.12	−07 04.5	4.905	5.065	93.7	11.2	19.0
2010 01 04		11 39.32	−07 28.6	4.669	5.013	104.9	10.9	18.8
2010 01 14		11 31.54	−07 44.9	4.444	4.962	116.6	10.2	18.7
2010 01 24		11 21.66	−07 51.6	4.238	4.912	128.5	9.0	18.5
2010 02 03		11 09.71	−07 47.1	4.059	4.863	140.7	7.4	18.4
2010 02 13		10 55.90	−07 30.3	3.916	4.814	152.6	5.4	18.3
2010 02 23		10 40.69	−07 00.9	3.813	4.766	162.5	3.6	18.2
2010 03 05		10 24.74	−06 20.4	3.756	4.719	164.4	3.2	18.1
2010 03 15		10 08.84	−05 31.4	3.746	4.673	156.3	4.9	18.1
2010 03 25		09 53.76	−04 37.7	3.779	4.628	144.6	7.2	18.0
2010 04 04		09 40.15	−03 43.5	3.850	4.583	132.3	9.3	18.0
2010 04 14		09 28.42	−02 52.2	3.953	4.540	120.1	11.0	18.1
2010 04 24		09 18.76	−02 06.8	4.079	4.498	108.4	12.3	18.1
2010 05 04		09 11.16	−01 29.0	4.218	4.457	97.1	13.0	18.1
2010 05 14		09 05.51	−00 59.6	4.364	4.416	86.3	13.2	18.2
2010 05 24		09 01.60	−00 39.1	4.509	4.378	76.1	13.0	18.2
2010 06 03		08 59.19	−00 27.3	4.646	4.340	66.3	12.4	18.2
2010 06 13		08 58.05	−00 24.0	4.771	4.303	57.0	11.4	18.2
2010 06 23		08 57.94	−00 28.7	4.878	4.268	48.2	10.2	18.2
2010 07 03		08 58.65	−00 41.1	4.965	4.234	39.8	8.8	18.2
2010 07 13		08 59.98	−01 00.8	5.029	4.202	32.0	7.4	18.2

P/1999 XB ₆₉ (LINEAR)					Elements MPC 56804				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		11 53.02	−08 00.0	2.680	1.910	31.9	16.0		21.9
2009 11 05		12 14.03	−10 30.4	2.675	1.962	36.0	17.3		22.0
2009 11 15		12 34.18	−12 52.6	2.665	2.016	40.4	18.5		22.1
2009 11 25		12 53.41	−15 05.6	2.647	2.073	45.2	19.7		22.2
2009 12 05		13 11.65	−17 08.7	2.622	2.133	50.4	20.8		22.3
2009 12 15		13 28.79	−19 01.4	2.588	2.193	55.9	21.8		22.3
2009 12 25		13 44.69	−20 43.5	2.546	2.256	61.8	22.6		22.4
2010 01 04		13 59.16	−22 14.6	2.497	2.319	68.2	23.2		22.4
2010 01 14		14 12.02	−23 34.8	2.440	2.383	75.0	23.5		22.4
2010 01 24		14 22.99	−24 43.8	2.377	2.448	82.3	23.5		22.4
2010 02 03		14 31.81	−25 41.3	2.311	2.514	90.1	23.1		22.4
2010 02 13		14 38.22	−26 26.7	2.242	2.580	98.5	22.2		22.4
2010 02 23		14 41.94	−26 59.1	2.176	2.646	107.4	20.9		22.3
2010 03 05		14 42.83	−27 17.1	2.114	2.712	116.9	19.0		22.3
2010 03 15		14 40.86	−27 19.1	2.063	2.778	127.1	16.6		22.2
2010 03 25		14 36.21	−27 03.5	2.026	2.844	137.7	13.7		22.1
2010 04 04		14 29.39	−26 29.9	2.009	2.910	148.6	10.3		22.0
2010 04 14		14 21.14	−25 39.2	2.016	2.975	159.3	6.8		21.9
2010 04 24		14 12.39	−24 34.8	2.050	3.040	168.0	3.9		21.8
2010 05 04		14 04.10	−23 22.2	2.112	3.105	168.1	3.8		21.9
2010 05 14		13 57.03	−22 07.8	2.202	3.170	159.7	6.3		22.2
2010 05 24		13 51.73	−20 57.5	2.320	3.234	149.6	9.1		22.5

211P/Hill				Elements MPC 64768				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 10 26		12 26.54	+09 53.5	3.383	2.599	32.4	11.8	19.3
2009 11 05		12 43.53	+08 46.4	3.336	2.625	37.9	13.4	19.3
2009 11 15		13 00.01	+07 45.9	3.280	2.652	43.5	14.9	19.3
2009 11 25		13 15.92	+06 53.7	3.215	2.679	49.4	16.2	19.3
2009 12 05		13 31.15	+06 11.0	3.141	2.707	55.5	17.4	19.3
2009 12 15		13 45.61	+05 38.8	3.060	2.736	61.8	18.5	19.3
2009 12 25		13 59.16	+05 18.5	2.972	2.765	68.4	19.3	19.3
2010 01 04		14 11.62	+05 10.9	2.879	2.795	75.2	19.9	19.3
2010 01 14		14 22.83	+05 16.7	2.782	2.825	82.4	20.2	19.2
2010 01 24		14 32.56	+05 36.5	2.683	2.856	89.9	20.2	19.2
2010 02 03		14 40.59	+06 10.1	2.585	2.887	97.7	19.8	19.2
2010 02 13		14 46.69	+06 57.0	2.491	2.919	105.8	19.0	19.1
2010 02 23		14 50.63	+07 55.7	2.403	2.951	114.2	17.8	19.1
2010 03 05		14 52.26	+09 03.4	2.326	2.983	122.8	16.2	19.1
2010 03 15		14 51.50	+10 16.4	2.263	3.015	131.5	14.3	19.1
2010 03 25		14 48.43	+11 29.4	2.218	3.047	139.7	12.2	19.1
2010 04 04		14 43.35	+12 36.2	2.194	3.080	146.8	10.2	19.1
2010 04 14		14 36.73	+13 30.6	2.194	3.113	151.6	8.8	19.1
2010 04 24		14 29.26	+14 07.0	2.219	3.145	152.5	8.5	19.2
2010 05 04		14 21.72	+14 22.1	2.269	3.178	149.3	9.3	19.3
2010 05 14		14 14.82	+14 14.9	2.343	3.211	143.3	10.9	19.4
2010 05 24		14 09.18	+13 46.7	2.440	3.243	135.8	12.6	19.5
2010 06 03		14 05.17	+13 00.2	2.556	3.276	127.7	14.2	19.7
2010 06 13		14 02.97	+11 59.0	2.687	3.308	119.5	15.5	19.8
2010 06 23		14 02.63	+10 46.6	2.832	3.340	111.5	16.4	20.0
2010 07 03		14 04.06	+09 26.3	2.986	3.373	103.6	17.0	20.2

2010 07 13	14 07.11	+08 00.7	3.146	3.405	95.9	17.3	20.3
2010 07 23	14 11.61	+06 32.0	3.309	3.436	88.5	17.2	20.5
2010 08 02	14 17.40	+05 02.1	3.474	3.468	81.3	16.8	20.6
2010 08 12	14 24.31	+03 32.2	3.637	3.500	74.2	16.2	20.7
2010 08 22	14 32.19	+02 03.5	3.795	3.531	67.3	15.3	20.9
2010 09 01	14 40.91	+00 36.9	3.948	3.562	60.5	14.3	21.0
2010 09 11	14 50.35	−00 46.8	4.093	3.592	53.8	13.1	21.1
2010 09 21	15 00.42	−02 07.0	4.229	3.623	47.2	11.7	21.2
2010 10 01	15 11.00	−03 23.0	4.352	3.653	40.7	10.3	21.3
2010 10 11	15 22.03	−04 34.5	4.464	3.683	34.3	8.8	21.4

C/2007 M1 (McNaught)

Elements MPC 63376

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		16 33.73	+14 26.9	8.706	7.985	41.1	4.7	19.7	
2009 11 15		16 35.90	+14 13.6	8.769	8.007	37.5	4.3	19.7	
2009 11 25		16 38.29	+14 06.4	8.808	8.029	35.9	4.1	19.8	
2009 12 05		16 40.78	+14 06.0	8.823	8.052	36.5	4.2	19.8	
2009 12 15		16 43.25	+14 12.5	8.814	8.075	39.1	4.4	19.8	
2009 12 25		16 45.58	+14 26.1	8.782	8.098	43.6	4.8	19.8	
2010 01 04		16 47.66	+14 46.9	8.729	8.122	49.3	5.3	19.8	
2010 01 14		16 49.36	+15 14.8	8.656	8.146	55.9	5.7	19.8	
2010 01 24		16 50.56	+15 49.8	8.567	8.171	63.2	6.2	19.8	
2010 02 03		16 51.15	+16 31.3	8.465	8.196	70.9	6.5	19.8	
2010 02 13		16 51.01	+17 18.9	8.354	8.221	78.9	6.8	19.8	
2010 02 23		16 50.04	+18 11.6	8.239	8.247	87.0	6.9	19.7	
2010 03 05		16 48.15	+19 08.3	8.123	8.273	95.2	6.9	19.7	
2010 03 15		16 45.28	+20 07.5	8.014	8.299	103.3	6.7	19.7	
2010 03 25		16 41.40	+21 07.5	7.914	8.326	111.1	6.4	19.7	
2010 04 04		16 36.51	+22 06.3	7.830	8.353	118.4	6.0	19.7	
2010 04 14		16 30.68	+23 01.7	7.766	8.380	124.9	5.6	19.7	
2010 04 24		16 24.02	+23 51.5	7.724	8.408	130.2	5.2	19.7	
2010 05 04		16 16.71	+24 33.6	7.709	8.436	133.6	5.0	19.7	
2010 05 14		16 08.95	+25 06.4	7.720	8.464	134.9	4.8	19.7	
2010 05 24		16 01.01	+25 28.7	7.760	8.493	133.8	4.9	19.7	
2010 06 03		15 53.14	+25 40.0	7.827	8.522	130.6	5.2	19.8	
2010 06 13		15 45.60	+25 40.5	7.920	8.551	125.6	5.5	19.8	
2010 06 23		15 38.61	+25 30.8	8.035	8.581	119.5	5.9	19.9	
2010 07 03		15 32.35	+25 12.3	8.170	8.611	112.5	6.3	19.9	
2010 07 13		15 26.94	+24 46.3	8.319	8.641	105.1	6.5	20.0	
2010 07 23		15 22.45	+24 14.6	8.480	8.671	97.5	6.7	20.0	
2010 08 02		15 18.90	+23 38.7	8.647	8.702	89.7	6.7	20.1	
2010 08 12		15 16.28	+23 00.1	8.816	8.733	82.0	6.6	20.1	
2010 08 22		15 14.55	+22 20.5	8.983	8.764	74.4	6.4	20.2	
2010 09 01		15 13.64	+21 41.1	9.142	8.796	66.9	6.1	20.2	

C/2007 S2 (Lemmon)

Elements MPC 64767

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		12 08.67	−15 56.9	6.761	5.993	36.5	5.6	18.4	
2009 11 15		12 15.19	−16 58.1	6.683	6.013	44.1	6.6	18.4	
2009 11 25		12 21.20	−17 58.5	6.590	6.033	52.0	7.4	18.4	
2009 12 05		12 26.60	−18 57.3	6.482	6.053	60.2	8.1	18.4	
2009 12 15		12 31.29	−19 53.9	6.364	6.074	68.6	8.7	18.4	
2009 12 25		12 35.16	−20 47.5	6.237	6.096	77.3	9.1	18.3	

2010 01 04	12 38.12	−21 37.3	6.105	6.117	86.1	9.2	18.3
2010 01 14	12 40.08	−22 22.4	5.972	6.139	95.2	9.2	18.3
2010 01 24	12 40.99	−23 01.7	5.842	6.161	104.4	8.9	18.2
2010 02 03	12 40.83	−23 34.3	5.720	6.184	113.8	8.4	18.2
2010 02 13	12 39.61	−23 59.1	5.610	6.207	123.3	7.6	18.2
2010 02 23	12 37.42	−24 15.4	5.516	6.230	132.7	6.7	18.2
2010 03 05	12 34.40	−24 22.6	5.443	6.254	142.0	5.6	18.1
2010 03 15	12 30.76	−24 20.6	5.393	6.277	150.5	4.5	18.1
2010 03 25	12 26.76	−24 09.8	5.370	6.301	157.3	3.5	18.1
2010 04 04	12 22.70	−23 51.4	5.375	6.326	160.4	3.0	18.2
2010 04 14	12 18.86	−23 26.9	5.408	6.350	158.2	3.4	18.2
2010 04 24	12 15.50	−22 58.4	5.470	6.375	152.0	4.3	18.2
2010 05 04	12 12.83	−22 28.0	5.558	6.400	143.9	5.3	18.3
2010 05 14	12 11.02	−21 57.8	5.669	6.426	135.2	6.4	18.3
2010 05 24	12 10.16	−21 29.8	5.801	6.451	126.2	7.3	18.4
2010 06 03	12 10.28	−21 05.6	5.950	6.477	117.3	8.0	18.5
2010 06 13	12 11.38	−20 46.2	6.111	6.503	108.4	8.5	18.6
2010 06 23	12 13.42	−20 32.6	6.281	6.529	99.7	8.8	18.6
2010 07 03	12 16.33	−20 25.0	6.456	6.556	91.2	8.9	18.7
2010 07 13	12 20.04	−20 23.6	6.632	6.583	82.8	8.8	18.8
2010 07 23	12 24.48	−20 28.3	6.806	6.610	74.7	8.5	18.9
2010 08 02	12 29.54	−20 38.8	6.974	6.637	66.6	8.1	18.9
2010 08 12	12 35.16	−20 54.9	7.133	6.664	58.8	7.5	19.0
2010 08 22	12 41.25	−21 16.0	7.281	6.692	51.1	6.8	19.1
2010 09 01	12 47.73	−21 41.6	7.416	6.720	43.5	5.9	19.1
2010 09 11	12 54.54	−22 11.3	7.535	6.748	36.1	5.0	19.2

213P/Van Ness

Elements MPC 65058

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		12 33.16	−10 50.1	4.717	3.904	31.3	7.6	19.8	
2009 11 15		12 42.98	−12 06.7	4.600	3.875	38.5	9.1	19.7	
2009 11 25		12 52.51	−13 22.7	4.467	3.846	45.9	10.6	19.6	
2009 12 05		13 01.63	−14 37.6	4.321	3.816	53.4	12.0	19.5	
2009 12 15		13 10.22	−15 50.8	4.162	3.785	61.1	13.2	19.4	
2009 12 25		13 18.13	−17 01.8	3.994	3.755	69.0	14.2	19.3	
2010 01 04		13 25.18	−18 09.8	3.818	3.723	77.1	14.9	19.1	
2010 01 14		13 31.21	−19 14.2	3.637	3.691	85.4	15.4	19.0	
2010 01 24		13 35.97	−20 14.0	3.455	3.659	94.1	15.6	18.8	
2010 02 03		13 39.26	−21 08.2	3.275	3.626	103.0	15.4	18.7	
2010 02 13		13 40.86	−21 55.4	3.101	3.593	112.3	14.7	18.5	
2010 02 23		13 40.57	−22 34.0	2.937	3.560	121.9	13.6	18.4	
2010 03 05		13 38.29	−23 02.0	2.786	3.526	131.8	12.1	18.2	
2010 03 15		13 34.01	−23 17.5	2.654	3.491	142.0	10.1	18.0	
2010 03 25		13 27.93	−23 18.7	2.544	3.457	152.0	7.8	17.9	
2010 04 04		13 20.47	−23 04.6	2.460	3.421	161.1	5.4	17.8	
2010 04 14		13 12.24	−22 36.0	2.404	3.386	166.1	4.1	17.7	
2010 04 24		13 03.99	−21 55.2	2.377	3.350	162.7	5.1	17.6	
2010 05 04		12 56.50	−21 06.5	2.377	3.314	154.2	7.6	17.6	
2010 05 14		12 50.41	−20 15.1	2.404	3.277	144.2	10.4	17.6	
2010 05 24		12 46.20	−19 26.3	2.453	3.241	134.1	13.0	17.6	
2010 06 03		12 44.11	−18 44.4	2.520	3.204	124.3	15.2	17.6	
2010 06 13		12 44.21	−18 12.5	2.601	3.166	115.0	16.9	17.6	
2010 06 23		12 46.44	−17 52.3	2.691	3.129	106.1	18.2	17.6	

2010 07 03	12 50.67	-17 44.4	2.787	3.091	97.6	19.0	17.6
2010 07 13	12 56.73	-17 48.6	2.886	3.053	89.6	19.4	17.6
2010 07 23	13 04.45	-18 04.2	2.983	3.015	82.0	19.5	17.7
2010 08 02	13 13.66	-18 29.9	3.078	2.977	74.8	19.2	17.7
2010 08 12	13 24.24	-19 04.6	3.167	2.939	67.9	18.6	17.7
2010 08 22	13 36.05	-19 46.8	3.249	2.901	61.2	17.8	17.7
2010 09 01	13 49.01	-20 35.1	3.323	2.863	54.8	16.7	17.7
2010 09 11	14 03.05	-21 28.1	3.388	2.825	48.6	15.5	17.7
2010 09 21	14 18.11	-22 24.3	3.442	2.787	42.6	14.1	17.6
2010 10 01	14 34.13	-23 22.2	3.486	2.749	36.7	12.6	17.6
2010 10 11	14 51.09	-24 20.4	3.518	2.712	31.0	10.9	17.6

74P/Smirnova-Chernykh					Elements MPC 56804				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		12 40.33	+01 27.0	4.350	3.574	34.2	9.0	16.5	22.1
2009 11 15		12 51.80	+00 19.0	4.263	3.578	41.1	10.5	16.5	22.1
2009 11 25		13 02.85	−00 44.3	4.163	3.581	48.2	11.9	16.4	22.1
2009 12 05		13 13.36	−01 42.1	4.051	3.585	55.5	13.1	16.4	22.1
2009 12 15		13 23.24	−02 33.8	3.929	3.590	63.0	14.1	16.3	22.0
2009 12 25		13 32.32	−03 18.4	3.798	3.595	70.7	15.0	16.2	22.0
2010 01 04		13 40.46	−03 55.4	3.661	3.600	78.7	15.5	16.2	22.0
2010 01 14		13 47.49	−04 24.2	3.519	3.605	87.0	15.8	16.1	21.9
2010 01 24		13 53.22	−04 44.1	3.378	3.611	95.7	15.7	16.0	21.8
2010 02 03		13 57.46	−04 54.8	3.238	3.617	104.7	15.3	15.9	21.7
2010 02 13		14 00.07	−04 56.2	3.105	3.623	114.2	14.4	15.8	21.6
2010 02 23		14 00.89	−04 48.4	2.983	3.630	124.0	13.1	15.8	21.4
2010 03 05		13 59.90	−04 32.3	2.875	3.637	134.2	11.3	15.7	21.3
2010 03 15		13 57.15	−04 09.0	2.786	3.644	144.8	9.1	15.6	21.1
2010 03 25		13 52.84	−03 40.6	2.720	3.651	155.5	6.5	15.6	21.0
2010 04 04		13 47.34	−03 09.9	2.681	3.659	165.9	3.8	15.6	20.8
2010 04 14		13 41.13	−02 40.0	2.670	3.667	172.7	2.0	15.6	20.7
2010 04 24		13 34.81	−02 14.3	2.688	3.675	167.1	3.5	15.6	20.8
2010 05 04		13 28.96	−01 55.7	2.734	3.683	157.0	6.1	15.7	21.0
2010 05 14		13 24.06	−01 46.1	2.806	3.692	146.5	8.7	15.7	21.2
2010 05 24		13 20.50	−01 47.0	2.902	3.701	136.3	10.9	15.8	21.3
2010 06 03		13 18.48	−01 58.4	3.016	3.710	126.5	12.7	15.9	21.5
2010 06 13		13 18.09	−02 19.8	3.146	3.719	117.0	14.1	16.0	21.6
2010 06 23		13 19.32	−02 50.6	3.287	3.729	108.0	15.0	16.2	21.8
2010 07 03		13 22.08	−03 29.4	3.435	3.738	99.4	15.6	16.3	21.9
2010 07 13		13 26.23	−04 15.2	3.588	3.748	91.1	15.7	16.4	22.0
2010 07 23		13 31.66	−05 06.8	3.741	3.758	83.2	15.6	16.5	22.1
2010 08 02		13 38.21	−06 02.9	3.892	3.769	75.5	15.1	16.6	22.2
2010 08 12		13 45.77	−07 02.5	4.039	3.779	68.1	14.4	16.7	22.2
2010 08 22		13 54.20	−08 04.8	4.179	3.790	60.8	13.5	16.8	22.3
2010 09 01		14 03.40	−09 08.7	4.311	3.801	53.7	12.4	16.9	22.3
2010 09 11		14 13.28	−10 13.4	4.432	3.811	46.6	11.1	16.9	22.3
2010 09 21		14 23.75	−11 18.2	4.541	3.823	39.7	9.7	17.0	22.3
2010 10 01		14 34.72	−12 22.3	4.637	3.834	32.8	8.1	17.1	22.3

C/2006 U6 (Spacewatch)						Elements MPC 66204			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		12 45.36	+07 42.9	6.406	5.643	36.8	6.0	19.5	
2009 11 15		12 51.06	+08 00.5	6.371	5.720	45.4	7.1	19.6	

2009 11 25	12 56.23	+08 24.9	6.317	5.796	54.3	7.9	19.6
2009 12 05	13 00.74	+08 56.9	6.248	5.872	63.3	8.6	19.7
2009 12 15	13 04.50	+09 37.2	6.168	5.948	72.6	9.1	19.7
2009 12 25	13 07.41	+10 26.2	6.079	6.024	82.1	9.3	19.7
2010 01 04	13 09.36	+11 24.1	5.989	6.100	91.8	9.3	19.7
2010 01 14	13 10.28	+12 30.6	5.900	6.175	101.7	9.0	19.8
2010 01 24	13 10.09	+13 44.9	5.819	6.251	111.7	8.4	19.8
2010 02 03	13 08.77	+15 05.7	5.752	6.326	121.7	7.6	19.8
2010 02 13	13 06.35	+16 30.8	5.704	6.401	131.5	6.6	19.8
2010 02 23	13 02.91	+17 57.8	5.680	6.476	140.7	5.6	19.9
2010 03 05	12 58.58	+19 23.5	5.683	6.551	148.7	4.5	19.9
2010 03 15	12 53.59	+20 44.9	5.717	6.625	154.0	3.8	20.0
2010 03 25	12 48.19	+21 59.1	5.783	6.700	155.0	3.6	20.1
2010 04 04	12 42.68	+23 03.6	5.880	6.774	151.3	4.1	20.2
2010 04 14	12 37.33	+23 57.1	6.006	6.848	144.6	4.9	20.2
2010 04 24	12 32.43	+24 38.7	6.160	6.922	136.3	5.8	20.4
2010 05 04	12 28.19	+25 08.5	6.337	6.996	127.4	6.6	20.5
2010 05 14	12 24.76	+25 27.4	6.533	7.070	118.4	7.2	20.6
2010 05 24	12 22.25	+25 36.4	6.743	7.143	109.4	7.7	20.7
2010 06 03	12 20.69	+25 36.9	6.963	7.216	100.5	7.9	20.8
2010 06 13	12 20.08	+25 30.5	7.187	7.289	91.8	8.0	20.9

C/2007 D1 (LINEAR)					Elements MPC 61436				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 05		13 02.60	+08 00.1	10.915	10.107	33.8	3.1	18.7	
2009 11 15		13 06.97	+07 56.2	10.845	10.135	42.3	3.8	18.7	
2009 11 25		13 11.05	+07 56.1	10.755	10.162	50.9	4.3	18.7	
2009 12 05		13 14.80	+08 00.3	10.650	10.190	59.9	4.8	18.7	
2009 12 15		13 18.13	+08 09.0	10.531	10.219	69.0	5.2	18.7	
2009 12 25		13 20.99	+08 22.3	10.403	10.247	78.2	5.4	18.7	
2010 01 04		13 23.33	+08 40.2	10.270	10.276	87.6	5.5	18.7	
2010 01 14		13 25.09	+09 02.7	10.137	10.305	97.1	5.4	18.7	
2010 01 24		13 26.24	+09 29.5	10.008	10.334	106.7	5.2	18.6	
2010 02 03		13 26.77	+09 59.9	9.888	10.363	116.3	4.9	18.6	
2010 02 13		13 26.68	+10 33.3	9.783	10.393	125.9	4.4	18.6	
2010 02 23		13 26.01	+11 08.7	9.696	10.422	135.3	3.8	18.6	
2010 03 05		13 24.81	+11 45.1	9.631	10.452	144.2	3.2	18.6	
2010 03 15		13 23.17	+12 21.3	9.592	10.482	152.2	2.5	18.6	
2010 03 25		13 21.19	+12 55.9	9.581	10.512	158.1	2.0	18.6	
2010 04 04		13 18.99	+13 27.9	9.599	10.543	159.8	1.9	18.6	
2010 04 14		13 16.72	+13 56.2	9.645	10.573	156.7	2.2	18.7	
2010 04 24		13 14.49	+14 20.0	9.720	10.604	150.2	2.7	18.7	
2010 05 04		13 12.45	+14 38.7	9.821	10.635	142.1	3.3	18.7	
2010 05 14		13 10.71	+14 52.1	9.945	10.666	133.5	3.9	18.8	
2010 05 24		13 09.37	+15 00.0	10.090	10.697	124.6	4.5	18.8	
2010 06 03		13 08.48	+15 02.6	10.251	10.729	115.6	4.9	18.9	
2010 06 13		13 08.12	+15 00.4	10.424	10.760	106.7	5.2	18.9	
2010 06 23		13 08.29	+14 53.7	10.606	10.792	97.9	5.4	19.0	
2010 07 03		13 09.01	+14 43.2	10.791	10.824	89.2	5.4	19.0	
2010 07 13		13 10.27	+14 29.5	10.976	10.856	80.6	5.3	19.1	
2010 07 23		13 12.05	+14 13.1	11.156	10.888	72.2	5.1	19.1	
2010 08 02		13 14.30	+13 54.8	11.329	10.921	63.9	4.8	19.2	
2010 08 12		13 17.00	+13 35.1	11.490	10.953	55.8	4.4	19.2	

2010 08 22	13 20.10	+13 14.8	11.637	10.986	48.0	3.9	19.2
2010 09 01	13 23.54	+12 54.2	11.767	11.019	40.4	3.4	19.3
2010 09 11	13 27.27	+12 34.1	11.879	11.051	33.4	2.9	19.3

C/2008 Q3 (Garradd)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	Elements MPC 66204
2009 11 05		13 26.71	+11 44.1	3.232	2.459	32.9	12.6	16.5		
2009 11 15		13 31.79	+13 27.4	3.192	2.540	41.7	15.0	16.6		
2009 11 25		13 36.18	+15 29.5	3.130	2.624	51.0	17.0	16.7		
2009 12 05		13 39.61	+17 54.4	3.051	2.709	60.7	18.5	16.7		
2009 12 15		13 41.75	+20 46.3	2.959	2.795	70.8	19.4	16.8		
2009 12 25		13 42.15	+24 08.6	2.863	2.882	81.2	19.7	16.9		
2010 01 04		13 40.27	+28 02.9	2.771	2.971	91.9	19.3	16.9		
2010 01 14		13 35.42	+32 27.7	2.691	3.060	102.5	18.3	17.0		
2010 01 24		13 26.76	+37 16.2	2.635	3.149	112.7	16.8	17.1		
2010 02 03		13 13.38	+42 14.3	2.610	3.239	121.7	15.0	17.2		
2010 02 13		12 54.50	+47 01.6	2.625	3.329	128.4	13.4	17.3		
2010 02 23		12 29.88	+51 13.4	2.684	3.420	131.4	12.5	17.5		
2010 03 05		12 00.52	+54 28.1	2.786	3.511	130.3	12.4	17.7		
2010 03 15		11 28.85	+56 33.9	2.929	3.601	125.7	13.0	17.9		
2010 03 25		10 58.27	+57 32.4	3.106	3.692	118.9	13.7	18.1		
2010 04 04		10 31.69	+57 36.8	3.309	3.783	110.9	14.3	18.4		
2010 04 14		10 10.60	+57 03.8	3.532	3.873	102.4	14.6	18.6		
2010 04 24		09 55.16	+56 08.9	3.766	3.963	93.9	14.7	18.9		
2010 05 04		09 44.73	+55 03.6	4.005	4.054	85.5	14.4	19.1		
2010 05 14		09 38.40	+53 55.0	4.244	4.144	77.4	13.8	19.3		
2010 05 24		09 35.33	+52 47.7	4.477	4.233	69.7	13.0	19.5		
2010 06 03		09 34.76	+51 44.1	4.700	4.323	62.3	12.0	19.7		

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2009 QK	2009 09 20.0	23 49.16	-01 18.4	20.1	-0.71	- 9.4	0.0/20.0	62551
2005 TQ ₁₅₀	2009 09 20.0	23 49.16	-04 40.9	20.5	-0.79	- 7.7	1.4/18.8	61948
2005 JM ₈₂	2009 09 20.0	23 49.17	-10 18.3	20.6	-1.04	- 5.0	3.5/17.2	62419
2006 AQ ₉₆	2009 09 20.0	23 49.17	-04 57.1	20.1	-0.68	- 6.7	1.0/18.6	62475
2000 YZ ₁₂	2009 09 20.0	23 49.23	+09 02.9	19.0	-0.72	- 9.9	3.0/23.9	62311
2004 RP ₃₄₀	2009 09 20.0	23 49.24	-26 43.4	19.0	-0.81	- 2.0	10.2/11.1	62401
2008 JW ₂₁	2009 09 20.0	23 49.26	-14 21.3	21.2	-0.86	- 4.8	3.9/15.7	40771
2001 FC ₄₆	2009 09 20.0	23 49.29	+07 31.9	19.5	-0.65	- 9.6	2.1/23.4	20741
2002 CV ₂₀₂	2009 09 20.0	23 49.30	+06 20.7	19.5	-0.90	- 2.4	2.6/22.3	69239
2005 YR ₁₃₁	2009 09 20.0	23 49.34	-03 45.2	21.0	-0.72	- 5.0	0.7/19.2	62471
2006 YR ₈	2009 09 20.0	23 49.36	-00 17.0	20.6	-0.87	- 4.9	0.3/20.3	62497
2000 KM ₇₅	2009 09 20.0	23 49.37	-21 47.1	19.8	-0.90	- 5.2	6.7/13.2	40087
2009 PJ ₉	2009 09 20.0	23 49.37	-02 44.7	19.5	-0.70	- 5.8	0.5/19.5	62126
2005 MP ₄	2009 09 20.0	23 49.38	-00 49.3	19.7	-0.92	- 5.7	0.1/20.2	62421
2003 YN ₁₄₅	2009 09 20.0	23 49.40	-06 26.9	19.0	-1.12	- 1.9	2.5/18.6	62382
2004 EZ ₈₂	2009 09 20.0	23 49.41	-13 08.5	20.5	-0.97	- 3.4	4.1/16.4	40121
2008 EA ₄₈	2009 09 20.0	23 49.41	-06 38.9	21.3	-1.00	- 3.7	1.9/18.4	62527
2004 RR ₁₉₇	2009 09 20.0	23 49.42	+08 36.9	19.4	-0.86	- 2.1	3.3/23.0	62399
2004 TK ₂₇	2009 09 20.0	23 49.43	+02 35.2	19.4	-0.70	- 8.1	1.2/21.4	60814
2009 QE ₂₇	2009 09 20.0	23 49.45	-07 04.1	18.3	-0.82	- 6.4	2.7/18.0	62155
2005 WJ ₁₇₉	2009 09 20.0	23 49.45	-20 11.8	20.1	-0.85	- 4.7	6.2/13.5	98014

2008 GP ₁₄₀	2009 09 20.0	23 49.50	-03 24.2	20.1	-0.87	-10.1	0.9/19.3	62092
2004 BB ₂₈	2009 09 20.0	23 49.52	-17 14.8	19.8	-0.90	- 7.4	5.5/14.5	39191
2005 TH ₁₉₁	2009 09 20.0	23 49.53	-20 57.7	19.4	-0.90	- 4.8	7.4/13.2	62442
1999 RP ₁₃₁	2009 09 20.0	23 49.53	+11 47.1	18.1	-0.76	- 6.2	6.7/24.8	62297
2008 KX ₂₉	2009 09 20.0	23 49.55	-13 15.1	19.5	-0.69	- 8.4	3.7/15.5	62540
2005 NH ₁₀₁	2009 09 20.1	23 49.53	+00 14.3	20.5	-0.93	- 6.0	0.5/20.6	62424
2004 TT ₁₉₆	2009 09 20.1	23 49.54	-10 34.1	20.4	-0.82	- 2.5	2.7/17.2	62408
2005 YS ₃₅	2009 09 20.1	23 49.58	-02 29.9	21.0	-0.72	- 5.1	0.4/19.7	62468
2005 NM ₈₃	2009 09 20.1	23 49.59	+01 38.4	20.1	-0.87	- 7.5	1.1/21.1	62423
2002 EC ₅₁	2009 09 20.1	23 49.60	-03 45.4	20.0	-0.77	- 6.9	0.9/19.2	62344
2003 DX ₁₇	2009 09 20.1	23 49.60	-08 53.6	20.1	-0.89	- 4.6	2.6/17.6	62368
2001 VT ₇	2009 09 20.1	23 49.61	+03 02.3	19.5	-0.82	- 6.5	1.6/21.5	62326
2005 WC ₁₃₈	2009 09 20.1	23 49.62	-08 38.4	20.3	-0.84	- 4.4	2.7/17.7	61994
2005 UJ ₁₉₆	2009 09 20.1	23 49.63	+02 24.1	20.7	-0.80	- 6.6	1.2/21.3	62449
2003 GV ₁₀	2009 09 20.1	23 49.64	-39 11.6	21.1	-1.19	- 0.1	10.7/07.3	18050
2002 AY ₉	2009 09 20.1	23 49.65	+12 20.6	19.3	-0.96	- 2.5	4.8/24.1	62336
2004 RP ₄₇	2009 09 20.1	23 49.69	-04 50.3	19.4	-0.74	-11.0	1.3/18.7	62397
2005 UU ₄₃	2009 09 20.1	23 49.70	+16 19.7	19.6	-0.79	- 7.4	6.0/26.7	62444
2000 OA ₅₈	2009 09 20.1	23 49.74	+03 06.0	18.2	-0.81	- 2.6	2.0/21.5	62305
2005 ON ₁₁	2009 09 20.1	23 49.78	+15 01.6	19.2	-1.18	+ 0.3	6.9/25.0	61924
2009 QD ₁₅	2009 09 20.1	23 49.81	+03 35.6	19.5	-0.98	- 0.6	1.8/21.4	62147
2005 JN ₂₉	2009 09 20.1	23 49.82	-45 06.9	20.0	-1.33	+ 2.1	16.2/07.3	62419
2002 XV ₃₉	2009 09 20.1	23 49.83	-06 04.7	20.2	-0.93	- 6.1	2.0/18.6	62364
2009 SY ₂₀	2009 09 20.1	23 49.84	+00 43.0	20.3	-0.74	- 5.0	0.6/20.8	62202
2005 QC ₁₁₈	2009 09 20.1	23 49.86	-04 53.5	20.2	-0.88	- 6.9	1.3/18.9	62428
1998 VL ₄₁	2009 09 20.1	23 49.87	-06 32.6	20.8	-0.92	- 5.5	1.9/18.4	62296
2007 EV ₁₄₆	2009 09 20.1	23 49.89	-06 08.0	21.1	-0.78	- 6.7	1.6/18.4	62514
2005 LD ₆	2009 09 20.1	23 49.91	+42 06.8	19.6	-0.93	- 9.5	16.5/13.5	61917
2000 DT ₆₄	2009 09 20.1	23 49.91	+01 34.2	20.4	-0.96	- 5.1	0.9/21.0	62303
2008 CH ₁₉₆	2009 09 20.1	23 49.94	-00 51.7	19.8	-0.93	- 5.5	0.1/20.3	62524
2007 CH ₅₁	2009 09 20.2	23 49.86	+07 07.0	20.2	-0.98	- 2.6	3.0/22.6	62042
2007 LJ ₁₃	2009 09 20.2	23 49.87	+14 37.5	21.6	-0.66	- 7.4	3.6/26.2	21708
2008 EG ₁	2009 09 20.2	23 49.91	-14 12.3	19.8	-0.95	- 5.4	4.9/16.0	62526
2004 RN ₁₈₆	2009 09 20.2	23 49.92	+03 07.2	19.8	-0.69	- 9.2	1.4/21.8	62399
2006 YM ₅₀	2009 09 20.2	23 49.98	+01 12.7	20.8	-0.92	- 5.4	0.8/21.0	62031
2000 TE ₇₃	2009 09 20.2	23 49.98	-14 47.9	19.1	-0.78	- 5.4	5.5/15.4	62309
2001 FW ₆₆	2009 09 20.2	23 50.00	-06 16.0	20.1	-0.65	- 7.5	1.3/18.3	62313
2005 UJ ₉₄	2009 09 20.2	23 50.02	-07 01.6	19.7	-0.92	- 2.5	2.0/18.5	62445
2008 GK ₄	2009 09 20.2	23 50.03	-28 29.0	20.6	-0.85	- 2.5	7.5/11.3	58605
2009 QX ₃₆	2009 09 20.2	23 50.09	+00 35.3	19.9	-0.76	- 7.9	0.7/20.8	62163
2006 UD ₁₃₅	2009 09 20.2	23 50.11	-14 53.7	19.5	-1.08	- 1.4	6.5/16.5	33521
2005 VZ ₁₃₄	2009 09 20.2	23 50.13	-04 57.4	20.0	-0.86	- 4.1	1.4/19.0	60850
2000 DZ ₉	2009 09 20.2	23 50.21	-03 02.3	20.3	-0.91	- 7.0	0.8/19.6	62303
2005 YF ₁₄₁	2009 09 20.2	23 50.22	-00 36.4	20.4	-0.78	- 4.4	0.1/20.4	62471
2008 FT ₁₀₄	2009 09 20.2	23 50.28	-11 12.8	20.8	-0.96	- 4.1	3.6/17.2	41576
2005 JC ₇₆	2009 09 20.2	23 50.29	-08 18.2	20.0	-1.01	- 3.6	3.2/18.2	62419
2007 CD ₂₉	2009 09 20.3	23 50.22	+10 27.7	20.4	-0.90	- 3.7	3.8/24.0	18196
2009 QK ₁₉	2009 09 20.3	23 50.25	-06 39.2	18.5	-0.57	-10.2	2.3/18.1	62148
2007 DM ₉₂	2009 09 20.3	23 50.25	-04 13.9	19.7	-0.77	- 5.9	1.1/19.2	62508
2005 NO ₁₄	2009 09 20.3	23 50.28	+05 34.2	21.0	-0.95	- 5.6	2.3/22.4	60828
2008 GE ₁₃₀	2009 09 20.3	23 50.31	-09 11.0	20.1	-0.90	- 8.1	3.1/17.5	62535

2005 YQ ₁₂₁	2009 09 20.3	23 50.32 +07 11.8 19.8	-0.80 - 3.0	2.4/23.0	62470
2006 WQ ₁₉₅	2009 09 20.3	23 50.32 -13 11.6 19.1	-1.00 - 4.5	5.4/16.5	62495
2004 BE ₅₅	2009 09 20.3	23 50.33 -10 22.3 20.2	-0.89 - 8.0	3.4/17.1	56933
2005 YM ₈₆	2009 09 20.3	23 50.35 -20 08.0 20.5	-0.76 - 5.3	5.7/13.4	98047
2006 WB ₁₆₂	2009 09 20.3	23 50.35 -15 10.8 21.2	-0.99 - 4.7	5.4/15.8	39270
2005 WU ₁₃₁	2009 09 20.3	23 50.38 -13 05.7 20.5	-0.83 - 4.0	3.9/16.4	96538
2001 FR ₁₄₀	2009 09 20.3	23 50.44 -03 04.2 21.5	-0.96 - 5.8	0.7/19.7	62313
2009 QP	2009 09 20.3	23 50.45 -00 47.2 19.4	-1.00 - 1.3	0.1/20.4	62134
2005 TL ₃₅	2009 09 20.3	23 50.45 -04 43.2 20.5	-0.87 - 5.2	1.2/19.2	62439
2007 EB ₁₃₆	2009 09 20.3	23 50.47 -00 26.5 19.3	-0.64 -10.9	0.2/20.6	62055
2004 HT ₄₅	2009 09 20.3	23 50.48 +06 55.6 19.3	-0.83 - 7.8	2.8/23.2	62392
2006 TH ₁₀₂	2009 09 20.3	23 50.49 -04 00.3 20.5	-1.05 - 4.7	1.2/19.5	62017
2009 QF ₁₁	2009 09 20.3	23 50.49 -06 54.0 18.9	-0.76 - 7.9	2.8/18.2	62143
2005 UZ ₁₆₀	2009 09 20.3	23 50.50 -01 45.1 19.3	-0.81 - 8.4	0.3/20.1	62447
2001 DT ₃	2009 09 20.3	23 50.52 -31 44.4 21.2	-0.73 - 5.6	6.7/08.4	59662
2005 UK ₂₅₄	2009 09 20.3	23 50.60 -08 57.0 20.3	-0.82 - 4.9	2.6/17.8	62450
2003 FS ₁₄	2009 09 20.3	23 50.64 +01 26.6 20.7	-0.77 - 8.4	0.8/21.3	62369
2004 VP ₇₀	2009 09 20.4	23 50.58 -09 00.3 19.4	-0.76 - 4.4	2.7/17.7	62412
2006 VJ ₁₄₈	2009 09 20.4	23 50.60 -17 31.5 20.3	-0.92 - 5.5	6.8/14.8	40168
1999 QV ₂	2009 09 20.4	23 50.61 -09 07.7 20.4	-1.01 -13.1	3.8/17.5	62297
2003 OT ₂₀	2009 09 20.4	23 50.62 +11 21.1 19.4	-0.89 - 2.0	3.7/24.3	62373
2006 WJ ₁₉₈	2009 09 20.4	23 50.63 +20 05.9 20.4	-0.91 - 3.5	6.6/27.5	62495
2008 GB ₇₃	2009 09 20.4	23 50.63 -07 01.4 20.5	-1.00 - 3.5	2.3/18.6	39309
2005 TQ ₁₅₄	2009 09 20.4	23 50.63 +00 37.8 19.8	-0.99 - 2.3	0.5/20.9	62441
2005 SL ₂₂₅	2009 09 20.4	23 50.68 -06 54.3 20.2	-0.93 - 2.9	2.5/18.6	97840
2005 UB ₂₀	2009 09 20.4	23 50.69 +15 01.0 19.7	-0.79 - 7.3	5.9/26.2	61952
2008 KU ₁₄	2009 09 20.4	23 50.69 -05 42.5 20.6	-0.76 - 8.4	1.5/18.7	62096
2000 QA ₈₅	2009 09 20.4	23 50.71 +18 31.3 17.7	-0.96 + 4.0	9.9/25.0	62306
2005 UO ₄₈	2009 09 20.4	23 50.74 -03 58.4 20.6	-0.81 - 5.9	1.0/19.4	62444
2005 WB ₄₆	2009 09 20.4	23 50.78 -05 40.3 20.3	-0.86 - 5.1	1.7/18.9	61989
2002 JA ₁₃₇	2009 09 20.4	23 50.80 +11 15.5 19.3	-0.71 - 6.1	3.8/24.9	62348
2009 SK ₂₀	2009 09 20.4	23 50.87 +00 47.6 19.9	-0.93 - 6.4	0.8/21.0	62202
2004 TO ₁₄₄	2009 09 20.4	23 50.88 -14 31.5 18.9	-0.87 - 1.5	4.7/16.4	62406
2004 TK ₃₄₃	2009 09 20.4	23 50.90 -16 26.8 19.2	-0.84 - 2.2	5.0/15.6	62410
1993 TV ₄₅	2009 09 20.4	23 50.91 -12 02.0 19.0	-0.94 - 3.4	4.9/17.0	62291
2005 WX ₁₁₀	2009 09 20.4	23 50.92 -11 28.1 19.9	-0.82 - 4.4	3.6/17.1	60442
2004 KH ₁₈	2009 09 20.4	23 50.93 -22 33.3 20.4	-0.96 - 2.3	7.5/13.9	58478
2001 SR ₇₆	2009 09 20.4	23 50.96 +04 14.3 18.9	-0.87 - 4.7	2.2/22.2	62318
2006 XK ₃₇	2009 09 20.4	23 50.99 -14 49.5 20.3	-0.90 - 6.4	5.0/15.7	40705
2005 UF ₂₇₀	2009 09 20.5	23 50.93 -13 25.1 20.8	-0.95 - 2.8	4.9/16.7	56033
2003 NB ₉	2009 09 20.5	23 50.96 +45 45.7 19.1	-1.10 - 0.5	13.4/12.2	53736
2005 MV ₄₅	2009 09 20.5	23 50.97 -04 50.9 18.7	-0.78 - 9.4	1.6/19.1	62422
2008 HT ₅	2009 09 20.5	23 50.97 -04 28.4 21.0	-0.93 - 6.5	1.3/19.4	62536
2005 UT ₂₀₇	2009 09 20.5	23 51.00 -21 18.5 20.9	-1.06 - 1.7	7.6/14.2	96206
2005 SM ₁₀₂	2009 09 20.5	23 51.01 +06 26.7 19.6	-0.85 - 5.9	2.7/23.0	62434
2001 RE ₁₄	2009 09 20.5	23 51.02 +00 24.7 19.8	-0.65 - 4.0	0.4/21.0	61838
1997 GB ₂	2009 09 20.5	23 51.02 -05 34.6 23.6	-0.79 - 2.9	1.1/19.1	30085
2001 KR ₃	2009 09 20.5	23 51.03 +07 00.1 18.6	-0.81 - 9.3	3.4/23.5	62314
2005 UE ₅₁₆	2009 09 20.5	23 51.04 +01 17.0 19.6	-0.79 - 6.0	0.8/21.3	62456
2005 VM ₉₆	2009 09 20.5	23 51.05 +02 46.4 19.4	-0.84 - 4.9	1.3/21.7	61983
2004 TN ₂₀₅	2009 09 20.5	23 51.06 -04 39.9 19.5	-0.76 - 4.1	1.3/19.3	62408

2005 SZ ₁₆₉	2009 09 20.5	23 51.07 +03 39.8 20.2	-0.90 - 4.0	1.9/22.0	62436
2004 TA ₄₃	2009 09 20.5	23 51.10 +01 50.6 20.8	-0.73 - 4.6	0.8/21.5	60814
2005 SA ₃₄	2009 09 20.5	23 51.11 -00 01.6 18.9	-0.56 -14.5	0.4/20.9	62432
2005 WG ₁₈₆	2009 09 20.5	23 51.13 -12 06.3 21.0	-0.75 - 5.9	3.3/16.6	98015
2004 TS ₂₄₃	2009 09 20.5	23 51.14 -21 38.8 18.8	-0.99 + 1.8	7.9/15.2	62408
2001 DP ₁₅	2009 09 20.5	23 51.15 +11 25.4 20.6	-0.92 - 0.5	3.2/24.1	41763
2006 XM ₁₂	2009 09 20.5	23 51.16 -02 10.0 19.5	-0.93 - 5.1	0.5/20.2	62496
2001 OB ₇₅	2009 09 20.5	23 51.18 +42 33.2 19.9	-1.82 + 7.8	22.1/03.7	33316
2006 WQ ₃₃	2009 09 20.5	23 51.23 -00 34.5 20.4	-0.90 - 8.1	0.2/20.7	62494
2006 AB ₈₁	2009 09 20.5	23 51.25 +14 28.5 20.0	-0.79 - 3.8	5.0/25.8	62007
2001 XH ₁₄	2009 09 20.5	23 51.26 +29 00.2 18.4	-0.98 + 0.2	12.8/30.8	62330
2008 GP ₈₂	2009 09 20.5	23 51.26 -16 22.7 20.1	-1.01 - 1.7	6.0/16.1	41922
2008 GT ₁₆	2009 09 20.5	23 51.26 -04 38.1 20.1	-0.77 - 7.5	1.2/19.3	62533
2001 RC ₅₄	2009 09 20.5	23 51.27 -08 42.1 18.9	-0.82 -25.3	3.3/17.2	62317
2001 YX ₁₂₆	2009 09 20.5	23 51.30 +06 16.2 19.8	-0.92 - 3.5	2.6/22.8	62335
2008 CP ₁₇₆	2009 09 20.5	23 51.30 +08 18.6 19.3	-1.67 + 5.5	4.6/22.1	62524
2006 KF ₁₁₄	2009 09 20.5	23 51.31 -00 34.9 18.1	-0.71 -30.7	0.1/20.7	62484
2002 QK ₇₇	2009 09 20.5	23 51.32 -04 37.0 20.2	-1.03 - 4.5	1.6/19.5	62352
2006 UP ₂₇₉	2009 09 20.5	23 51.35 -09 46.6 20.4	-1.01 - 4.5	3.5/17.9	62491
2007 EF ₂₉	2009 09 20.5	23 51.36 -07 02.3 20.2	-0.77 - 6.9	2.0/18.5	62510
2007 AZ ₁₂	2009 09 20.6	23 51.29 +09 49.5 20.9	-0.97 - 5.3	3.9/24.0	22868
2002 VK ₈₁	2009 09 20.6	23 51.30 -07 16.2 18.4	-0.80 - 7.1	3.1/18.4	62362
2002 CV ₂₃₄	2009 09 20.6	23 51.33 +02 03.6 19.8	-0.84 - 4.1	1.1/21.6	62342
2002 JA ₉₀	2009 09 20.6	23 51.41 +04 04.4 19.8	-0.74 - 4.8	1.5/22.3	62348
2005 SD ₂₇₉	2009 09 20.6	23 51.45 -09 27.3 20.8	-0.88 - 4.6	2.9/17.9	62438
1999 XL ₂₁₇	2009 09 20.6	23 51.46 -11 26.9 21.3	-0.72 - 4.9	2.7/17.0	93792
2005 TK ₇	2009 09 20.6	23 51.47 +10 55.7 19.1	-1.05 - 0.8	4.4/23.8	62439
2008 JT ₂₈	2009 09 20.6	23 51.51 -01 21.9 20.0	-0.82 - 7.7	0.2/20.5	62539
2007 CP ₁₀	2009 09 20.6	23 51.55 +01 45.6 20.0	-0.95 - 5.4	1.1/21.5	60516
2006 AN ₄₄	2009 09 20.6	23 51.56 +05 02.0 19.8	-0.83 - 2.6	1.9/22.5	62474
2005 MG ₃₇	2009 09 20.6	23 51.57 -11 01.6 20.5	-0.89 - 7.4	3.8/17.2	37380
2002 RA ₂₀₃	2009 09 20.6	23 51.60 +09 02.2 19.0	-0.99 - 2.3	4.7/23.6	61862
2000 SM ₂₅₈	2009 09 20.6	23 51.60 -19 43.8 19.0	-1.00 - 0.2	7.1/15.2	62308
2000 UH ₉₃	2009 09 20.6	23 51.62 +14 42.4 19.3	-0.77 - 5.3	6.3/26.2	62309
2000 BY ₁₉	2009 09 20.6	23 51.63 -01 55.7 19.8	-0.73 - 5.3	0.3/20.3	62302
2008 HE ₁₆	2009 09 20.6	23 51.66 -25 18.3 21.0	-0.93 - 3.4	8.4/12.5	41643
2001 TJ ₁₃	2009 09 20.6	23 51.67 +15 47.7 18.7	-0.83 -20.4	7.3/27.9	62321
2004 DO ₅₉	2009 09 20.6	23 51.69 -01 42.9 21.4	-0.89 - 6.7	0.3/20.4	62386
2005 GK ₁₂₇	2009 09 20.6	23 51.80 -49 14.8 19.5	-1.55 + 8.2	21.0/10.3	60825
2005 TK ₇₅	2009 09 20.7	23 51.66 -03 38.2 18.4	-1.15 + 3.0	1.2/20.1	62440
2001 TX ₁₀₂	2009 09 20.7	23 51.66 -08 10.9 18.9	-1.25 + 4.3	3.3/19.2	62322
2001 TM ₈₁	2009 09 20.7	23 51.71 +11 04.8 18.7	-0.82 - 7.2	5.0/24.9	62322
2006 VU ₇₇	2009 09 20.7	23 51.77 -10 00.1 19.2	-0.87 - 5.4	4.5/17.7	62023
2008 LB ₁₁	2009 09 20.7	23 51.77 -03 24.5 20.2	-0.93 - 7.2	0.9/19.9	62541
2001 UM ₂₁	2009 09 20.7	23 51.80 +08 05.0 18.4	-1.13 + 1.6	3.9/22.9	62324
2004 VV ₁₃	2009 09 20.7	23 51.90 +13 50.1 18.9	-0.75 - 4.4	4.5/25.8	62411
2004 FZ ₇₂	2009 09 20.7	23 51.90 +00 06.2 18.9	-0.98 - 2.5	0.5/21.0	62389
2008 EL ₈₉	2009 09 20.7	23 51.91 +06 19.8 20.3	-0.92 - 6.4	2.5/23.2	62528
2000 SC ₂₆₃	2009 09 20.7	23 51.94 -10 24.0 19.0	-0.84 - 4.5	3.6/17.6	62308
2002 AL ₅₄	2009 09 20.7	23 51.96 -13 05.4 20.6	-0.78 - 6.5	3.7/16.4	17987
2001 RZ ₆₄	2009 09 20.7	23 51.99 +09 14.2 18.5	-0.43 -15.5	4.8/25.5	62317

2006 SN ₃₉₃	2009 09 20.7	23 52.00 -13 20.4 20.3	-0.97 - 4.6	4.6/16.9	40163
2001 SO ₃₅₃	2009 09 20.7	23 52.00 -22 54.2 19.5	-0.77 - 9.2	8.7/11.7	62321
2007 DZ	2009 09 20.7	23 52.04 +17 46.9 20.0	-0.94 - 1.3	6.0/26.7	62504
2008 FO ₁₃₀	2009 09 20.7	23 52.05 -10 02.0 22.0	-0.79 - 7.3	2.6/17.6	50121
1999 JS ₄	2009 09 20.7	23 52.08 -22 40.9 20.0	-0.95 - 2.1	7.2/14.3	62297
1999 WS ₁₅	2009 09 20.8	23 52.02 -05 43.4 21.0	-0.77 - 4.5	1.5/19.2	62300
2005 SZ ₁₅₂	2009 09 20.8	23 52.06 +04 38.4 19.5	-0.75 -10.6	2.1/22.9	62435
2005 UD ₁₄₉	2009 09 20.8	23 52.08 +09 26.9 21.3	-0.78 - 6.6	3.2/24.5	16325
2008 GK ₆₈	2009 09 20.8	23 52.10 +07 37.8 19.5	-0.63 -11.9	3.0/24.3	62090
1999 VY ₂₁₂	2009 09 20.8	23 52.12 -01 02.9 20.7	-0.76 - 5.1	0.1/20.8	62300
2005 UH ₄₇₈	2009 09 20.8	23 52.12 -22 56.7 20.7	-0.92 - 2.7	7.2/13.6	01090
2005 TM ₅₂	2009 09 20.8	23 52.12 -13 24.3 19.8	-0.82 - 6.0	4.6/16.5	39773
2007 EY ₁₁	2009 09 20.8	23 52.21 -01 55.9 22.4	-0.85 - 4.1	0.3/20.5	20851
2006 TC ₉₄	2009 09 20.8	23 52.21 -08 41.4 20.8	-1.02 - 5.2	3.1/18.4	62488
2005 UW ₉₃	2009 09 20.8	23 52.22 +01 19.3 19.9	-0.88 - 3.2	0.9/21.5	61960
2005 UZ ₄₆	2009 09 20.8	23 52.23 -11 28.9 20.1	-0.86 - 4.0	3.8/17.4	97883
2005 UB ₃₆₂	2009 09 20.8	23 52.24 -04 05.2 20.8	-0.86 - 5.0	1.1/19.8	62453
2002 JL ₉₈	2009 09 20.8	23 52.25 -06 47.5 19.3	-0.81 - 2.8	1.8/19.0	62348
2007 FX ₁₈	2009 09 20.8	23 52.27 -01 39.7 20.4	-0.82 - 5.1	0.3/20.6	62516
2009 QD ₄₇	2009 09 20.8	23 52.28 -06 37.7 19.1	-1.02 - 1.2	2.6/19.3	62169
2001 VW ₈₀	2009 09 20.8	23 52.28 +31 05.7 19.4	-0.86 - 6.5	10.5/03.7	62327
2008 FZ ₂	2009 09 20.8	23 52.29 +01 48.5 19.4	-1.01 - 4.2	1.1/21.7	62529
2002 CK ₆₂	2009 09 20.8	23 52.29 -17 38.1 20.7	-0.85 - 4.3	5.3/15.2	17993
2000 XF ₃	2009 09 20.8	23 52.33 +00 46.3 18.1	-0.96 + 0.7	0.7/21.3	62310
2005 UZ ₇₉	2009 09 20.8	23 52.41 -01 18.4 19.3	-0.77 - 7.7	0.2/20.7	62445
2007 EA ₄	2009 09 20.8	23 52.43 -00 33.4 18.5	-0.84 - 2.1	0.1/21.0	62509
2009 RZ ₅	2009 09 20.8	23 52.44 +09 39.2 19.2	-1.03 - 1.7	5.0/23.9	62175
2002 OR	2009 09 20.8	23 52.45 +13 09.1 19.1	-0.94 - 8.4	6.2/26.0	62349
2007 CM ₁₀	2009 09 20.9	23 52.37 -08 13.4 20.2	-0.90 - 8.4	3.0/18.3	62502
2006 CY ₂₄	2009 09 20.9	23 52.38 +09 21.2 19.4	-0.85 - 2.1	3.6/24.0	56040
2008 EZ ₈₁	2009 09 20.9	23 52.39 +02 30.7 20.5	-1.06 - 4.2	1.2/21.9	62527
2005 UP ₄₂₂	2009 09 20.9	23 52.39 -08 55.6 20.8	-0.89 - 3.1	3.0/18.4	01083
2003 EW ₃₅	2009 09 20.9	23 52.40 -06 37.5 20.4	-0.95 - 2.2	1.8/19.2	62369
2007 BV ₅₈	2009 09 20.9	23 52.41 -07 44.0 20.2	-0.84 - 8.0	2.5/18.5	62501
2008 KJ ₁₈	2009 09 20.9	23 52.45 -11 08.1 20.3	-0.70 - 7.1	2.9/17.2	40626
2002 PY ₁₂₄	2009 09 20.9	23 52.45 +04 29.5 19.2	-0.86 - 5.2	2.6/22.7	62350
2002 QD ₄₇	2009 09 20.9	23 52.47 -01 01.1 18.2	-0.94 + 6.4	0.1/20.9	61855
2005 WE ₂₈	2009 09 20.9	23 52.48 +04 43.6 19.8	-0.80 - 5.3	1.9/22.8	62460
1999 TC ₂₅₄	2009 09 20.9	23 52.51 +06 33.7 19.9	-0.74 - 5.9	2.2/23.5	62298
2001 QG ₁₉₃	2009 09 20.9	23 52.53 +18 44.2 18.3	-0.92 - 2.9	8.3/27.4	62316
2005 SM ₆₅	2009 09 20.9	23 52.53 -03 39.2 19.4	-1.47 + 5.2	1.1/20.4	62433
2008 FP ₁₀	2009 09 20.9	23 52.54 +02 48.8 19.5	-0.89 - 7.1	1.6/22.2	62529
2005 YW ₂₇₄	2009 09 20.9	23 52.56 +06 45.2 20.1	-0.81 - 2.8	2.3/23.3	98072
2007 AF ₈	2009 09 20.9	23 52.56 +03 24.9 21.5	-0.85 - 5.5	1.3/22.3	62499
2006 BB ₄₉	2009 09 20.9	23 52.57 +09 19.2 20.8	-0.80 - 3.0	2.9/24.2	02273
2005 YN ₂₄	2009 09 20.9	23 52.59 -00 47.8 20.8	-0.72 - 4.7	0.0/21.0	62468
2005 UQ ₂₃₂	2009 09 20.9	23 52.61 -02 12.4 20.4	-0.83 - 5.6	0.5/20.5	62450
2006 AN ₁₇	2009 09 20.9	23 52.62 +00 11.2 20.8	-0.73 - 5.0	0.3/21.3	20480
2008 BN ₄₉	2009 09 20.9	23 52.64 -17 37.4 19.4	-0.81 -26.0	7.2/13.3	62523
2002 EY ₃₇	2009 09 20.9	23 52.67 -00 23.5 20.2	-0.77 - 7.2	0.1/21.1	61846
2002 TV ₂₇₀	2009 09 20.9	23 52.73 +06 20.2 19.3	-0.91 - 5.6	3.2/23.3	62359

2004 TU ₅₈	2009 09 21.0	23 52.76 -00 46.7 20.1	-0.76 - 5.5	0.0/21.0	62404
2007 DL ₇	2009 09 21.0	23 52.76 -09 19.0 20.6	-0.89 - 5.1	2.7/18.2	62505
2002 GU ₁₀₉	2009 09 21.0	23 52.78 -09 56.4 19.2	-0.67 - 9.1	2.8/17.5	61847
2001 YL ₉₁	2009 09 21.0	23 52.79 +20 42.5 19.3	-0.96 - 2.5	7.6/27.7	62335
2004 HJ ₂₀	2009 09 21.0	23 52.83 -10 50.5 20.5	-0.87 - 6.1	3.3/17.7	58477
2005 SJ ₂₁₁	2009 09 21.0	23 52.83 -01 53.6 19.2	-1.01 - 0.8	0.5/20.7	62436
2008 FW ₉₆	2009 09 21.0	23 52.83 -00 31.2 21.4	-0.78 - 8.0	0.1/21.1	40206
2005 MW ₃₇	2009 09 21.0	23 52.87 -08 13.1 20.1	-0.89 - 7.6	2.9/18.5	62421
2005 UP ₃₀₆	2009 09 21.0	23 52.88 -06 01.4 20.2	-0.89 - 3.8	1.9/19.4	62451
2005 SF ₂₁₁	2009 09 21.0	23 52.88 -11 20.7 19.7	-1.16 + 1.4	3.8/18.5	00993
2008 FZ ₂₅	2009 09 21.0	23 52.89 -11 54.5 20.7	-1.00 - 2.1	3.7/17.9	60901
2004 PM ₁₁	2009 09 21.0	23 52.89 +03 21.0 19.8	-0.82 - 5.0	1.4/22.4	62394
2009 RV ₆	2009 09 21.0	23 52.90 +06 40.9 18.7	-0.76 - 2.8	3.0/23.4	62175
2008 BF ₄₀	2009 09 21.0	23 52.95 +19 16.5 19.1	-1.52 + 3.3	9.8/25.5	62523
2007 DE ₁₈	2009 09 21.0	23 52.97 +03 32.6 19.8	-0.98 - 2.8	2.0/22.3	62044
2004 BW ₁₃₅	2009 09 21.0	23 53.00 -04 41.2 21.3	-0.95 - 5.5	1.4/19.8	62383
2009 QA ₃₉	2009 09 21.0	23 53.01 +01 25.0 20.5	-0.74 - 6.1	0.7/21.8	62165
2008 FS ₉₈	2009 09 21.0	23 53.02 -02 03.8 21.8	-0.78 - 9.0	0.4/20.6	56130
2008 KK ₁₂	2009 09 21.0	23 53.08 -08 02.0 19.9	-0.81 - 4.1	2.5/18.7	62540
2002 QK ₇₁	2009 09 21.0	23 53.08 +03 35.1 19.1	-0.91 - 2.6	2.2/22.4	62352
2006 VX ₄₆	2009 09 21.0	23 53.08 +04 25.9 20.3	-0.95 - 6.4	1.9/22.8	62492
2008 GY ₂	2009 09 21.0	23 53.08 -39 33.1 21.6	-1.15 - 3.4	12.4/06.9	39306
2009 ND	2009 09 21.0	23 53.08 +31 08.1 17.7	-0.49 -17.5	13.4/08.4	62546
2003 WT ₁₃₉	2009 09 21.0	23 53.09 +09 59.3 18.9	-0.91 - 7.1	5.1/24.7	62380
2005 NG ₃₃	2009 09 21.0	23 53.10 -06 59.0 18.9	-0.84 - 6.1	2.8/19.0	62422
2005 UH ₂₈	2009 09 21.0	23 53.16 -03 27.5 19.3	-0.86 - 4.6	1.0/20.2	62443
2005 SU ₁₈₁	2009 09 21.0	23 53.16 +04 39.6 20.4	-0.84 - 5.9	1.8/22.9	60837
2007 CT ₄₆	2009 09 21.0	23 53.16 +07 29.5 19.2	-0.82 - 3.4	2.5/23.8	62503
2001 CT ₂₀	2009 09 21.1	23 53.09 -31 53.5 22.6	-0.73 - 4.4	5.9/09.1	13810
2002 DM ₅	2009 09 21.1	23 53.10 +02 37.1 21.6	-0.75 - 6.8	0.9/22.3	62343
2004 VU ₉₀	2009 09 21.1	23 53.14 -03 02.1 20.4	-0.72 - 4.3	0.6/20.3	62413
2001 SX ₁₃₂	2009 09 21.1	23 53.15 +02 51.3 18.9	-0.86 - 6.2	1.2/22.3	62319
2008 KK ₂₀	2009 09 21.1	23 53.20 -03 02.3 20.2	-0.78 - 7.1	0.8/20.3	62540
2004 EZ ₃₃	2009 09 21.1	23 53.21 +01 26.7 21.5	-0.90 - 6.4	0.7/21.8	62386
2005 SQ ₄₄	2009 09 21.1	23 53.21 +03 51.0 20.8	-0.86 - 6.2	1.6/22.7	62432
2006 WF ₁₅₈	2009 09 21.1	23 53.21 -09 43.9 19.6	-1.03 - 3.6	3.5/18.5	62495
2004 GZ ₅₆	2009 09 21.1	23 53.21 -01 39.7 20.8	-0.88 - 6.6	0.3/20.8	62391
2005 WY ₇₇	2009 09 21.1	23 53.27 -08 55.2 19.9	-0.84 - 4.2	3.0/18.5	62462
2008 EE ₅₁	2009 09 21.1	23 53.28 +01 18.0 20.7	-0.97 - 6.7	0.8/21.8	62527
2002 XN ₉₄	2009 09 21.1	23 53.29 +02 16.6 20.2	-0.98 - 5.0	1.1/22.1	62364
2008 KV ₂₀	2009 09 21.1	23 53.31 -13 11.4 19.4	-0.81 - 5.9	4.9/16.8	62540
2005 TH ₇₅	2009 09 21.1	23 53.31 -14 49.0 18.4	-1.07 + 1.2	5.8/17.6	62440
2004 TL ₁₄₇	2009 09 21.1	23 53.38 -03 06.7 20.1	-0.80 - 2.6	0.6/20.4	62407
2004 KM ₃	2009 09 21.1	23 53.40 -08 11.2 20.1	-0.89 - 5.0	2.5/18.8	62393
2001 WC ₆₆	2009 09 21.1	23 53.41 +13 38.0 19.9	-0.73 - 9.5	6.1/26.7	61843
2006 WZ ₁₅₉	2009 09 21.1	23 53.41 -01 40.0 19.9	-0.93 - 5.2	0.4/20.9	16370
2000 SG ₂₈₄	2009 09 21.1	23 53.43 +11 55.8 18.6	-0.88 - 3.2	4.9/25.0	62308
2001 WU ₁₀₀	2009 09 21.1	23 53.48 -07 57.2 19.0	-0.83 - 2.8	3.5/18.9	62330
1999 TL ₅₈	2009 09 21.1	23 53.51 -17 05.8 20.9	-0.84 - 2.5	5.3/16.0	13611
2004 JE ₁₈	2009 09 21.1	23 53.51 -08 45.4 20.8	-0.91 - 4.4	2.6/18.7	62392
2001 FP ₅₉	2009 09 21.1	23 53.51 -07 22.5 20.0	-1.05 - 3.3	2.4/19.3	62313

2008 DF ₅₄	2009 09 21.1	23 53.61	-01 12.1	18.2	-1.80	+ 8.7	0.3/21.1	62075
2000 SR ₁₄	2009 09 21.2	23 53.47	+13 29.5	19.1	-1.04	+ 0.4	5.7/25.1	62307
2007 CK ₁₈	2009 09 21.2	23 53.51	+02 19.1	20.2	-0.88	- 3.2	0.9/22.1	62502
2005 MU ₃₀	2009 09 21.2	23 53.52	+04 40.3	20.0	-0.92	- 5.9	2.2/23.0	62421
2004 TG ₉₉	2009 09 21.2	23 53.52	-04 31.3	20.9	-0.73	- 4.7	1.0/19.9	62405
2005 TT ₈₂	2009 09 21.2	23 53.54	-11 22.9	18.1	-1.15	+ 3.2	4.6/18.8	61947
2006 BP ₂₄₉	2009 09 21.2	23 53.58	-12 15.7	19.2	-0.68	- 7.1	3.4/16.9	62479
2006 AZ ₄₃	2009 09 21.2	23 53.60	-27 36.4	19.8	-0.79	- 3.7	7.7/11.4	62474
2005 SP ₅₃	2009 09 21.2	23 53.61	+11 29.9	20.4	-0.74	-11.0	4.5/26.0	95792
2005 WD ₉₀	2009 09 21.2	23 53.62	+07 55.2	19.7	-0.80	- 5.9	3.0/24.2	61991
2004 RS ₃₄₆	2009 09 21.2	23 53.66	-17 48.6	19.4	-1.11	+ 1.4	5.6/16.7	11069
2002 PV ₃₂	2009 09 21.2	23 53.67	+10 03.4	19.3	-0.89	- 3.3	5.4/24.7	61852
2000 XH ₃₉	2009 09 21.2	23 53.68	-02 07.5	18.4	-1.04	+ 0.6	0.6/20.9	62310
2006 XO ₁₇	2009 09 21.2	23 53.68	-00 28.1	20.2	-0.93	- 4.8	0.1/21.3	62496
2008 DY ₃₁	2009 09 21.2	23 53.69	-07 29.9	20.6	-0.95	- 6.1	2.7/19.1	62525
2005 US ₂₁₅	2009 09 21.2	23 53.70	-11 22.9	19.3	-0.89	- 3.5	3.8/17.9	62449
2002 FY ₁₅	2009 09 21.2	23 53.75	-14 54.0	20.3	-0.74	- 5.7	4.1/16.3	58427
2008 EL ₁₀	2009 09 21.2	23 53.78	-09 19.8	20.4	-0.92	- 7.4	3.3/18.4	38159
2007 DG ₆₇	2009 09 21.2	23 53.78	-04 30.7	20.3	-0.73	- 4.9	1.1/20.0	62507
2002 JN ₁₄₇	2009 09 21.2	23 53.84	-12 47.8	21.6	-0.79	- 3.0	3.0/17.4	37956
2006 WU ₆₂	2009 09 21.3	23 53.81	+03 30.5	21.2	-0.93	- 5.1	1.4/22.6	62494
2007 DM ₁₀₀	2009 09 21.3	23 53.83	+07 13.3	19.1	-0.79	- 5.2	3.1/24.0	62508
2005 VL ₂₆	2009 09 21.3	23 53.86	+02 36.9	20.4	-0.92	- 3.6	1.4/22.3	61981
2008 GZ ₁₂₇	2009 09 21.3	23 53.95	-16 35.3	19.3	-0.78	- 8.2	6.5/15.3	62535
2006 BU ₁₆₄	2009 09 21.3	23 53.95	+00 52.7	20.5	-0.73	- 3.8	0.4/21.8	62478
2007 EJ ₁₃₈	2009 09 21.3	23 53.95	+05 11.5	22.4	-0.93	- 2.8	1.7/23.1	56090
2001 YG ₁₄₅	2009 09 21.3	23 54.00	+07 45.5	19.5	-0.84	- 4.7	3.0/24.1	62336
2005 SN ₁₃₃	2009 09 21.3	23 54.03	-06 03.4	18.4	-0.89	- 0.2	2.7/19.8	62435
2001 TP ₁₈₃	2009 09 21.3	23 54.06	+02 11.1	20.3	-0.82	- 6.3	1.2/22.3	62323
2008 DX ₃₇	2009 09 21.3	23 54.07	+02 36.6	19.6	-0.96	- 3.4	1.2/22.3	62073
2005 UF ₄₀	2009 09 21.3	23 54.11	-04 53.6	20.4	-0.83	- 5.0	1.5/20.0	62443
2002 CZ ₈₉	2009 09 21.3	23 54.12	-14 41.8	19.2	-0.73	- 9.5	4.8/15.9	62340
2005 WS ₁₀₄	2009 09 21.3	23 54.14	-26 27.7	19.0	-0.86	- 4.1	9.9/11.8	38082
2006 XE ₄₂	2009 09 21.3	23 54.22	-22 04.0	22.6	-0.88	- 5.9	6.5/13.8	16373
2008 DA ₅₆	2009 09 21.3	23 54.25	+04 09.7	20.9	-0.92	- 6.9	1.6/23.0	62075
2005 UY ₁₇₅	2009 09 21.4	23 54.22	-03 15.7	18.8	-0.88	- 2.7	1.2/20.6	61966
2007 DB ₁₁₀	2009 09 21.4	23 54.22	+00 15.0	21.1	-0.75	- 4.7	0.2/21.7	62509
2005 SY ₁₅₄	2009 09 21.4	23 54.24	+05 30.7	20.2	-0.68	-14.1	2.4/23.9	62435
2004 WK ₅	2009 09 21.4	23 54.25	-04 11.5	18.5	-0.85	- 1.7	1.2/20.4	62413
2005 UK ₂₉	2009 09 21.4	23 54.25	-08 41.5	18.5	-0.86	- 1.2	3.9/19.0	61953
2005 UW ₁₀₄	2009 09 21.4	23 54.28	+03 21.2	19.9	-0.71	- 8.8	1.7/22.9	61961
2004 FX ₂₅	2009 09 21.4	23 54.29	-15 11.7	19.5	-1.19	+ 0.6	5.2/17.8	62388
2005 VY ₅₆	2009 09 21.4	23 54.30	-17 15.6	19.3	-0.78	- 5.1	8.0/15.2	97967
2006 BF ₁₄₉	2009 09 21.4	23 54.34	-04 03.7	20.4	-0.65	- 7.5	0.9/20.2	62478
2005 UJ ₄₉₀	2009 09 21.4	23 54.35	+06 30.6	18.9	-0.92	- 2.6	2.9/23.6	62455
2008 HU ₁₉	2009 09 21.4	23 54.39	-12 46.2	20.2	-0.83	- 7.3	4.2/17.2	40600
2004 XL ₄₂	2009 09 21.4	23 54.39	-09 00.8	18.5	-0.74	- 3.2	3.7/18.7	61914
2005 QH ₁₅₃	2009 09 21.4	23 54.40	-05 18.5	20.2	-0.92	- 5.3	1.9/20.0	62429
2008 CL ₁₉₅	2009 09 21.4	23 54.43	-02 36.6	20.3	-0.95	- 6.5	0.8/20.8	62524
2007 BH ₅₆	2009 09 21.4	23 54.46	-14 52.2	20.4	-0.91	- 7.0	5.4/16.5	22871
2006 WS ₁₈₄	2009 09 21.4	23 54.48	+07 12.2	19.5	-0.92	- 5.1	3.0/24.0	62495

2009 OW ₄	2009 09 21.4	23 54.49	+23 10.7	17.5	-0.59	- 9.1	11.4/02.4	62111
2007 YW ₄₄	2009 09 21.4	23 54.49	+31 48.5	20.3	-1.40	- 0.3	14.0/01.4	62522
2002 CR ₂₀₇	2009 09 21.4	23 54.49	+22 27.6	20.2	-0.63	- 0.4	3.9/29.3	47203
2006 UF ₂₇₈	2009 09 21.4	23 54.52	-04 32.7	19.9	-1.03	- 4.5	1.6/20.3	62491
2004 RO ₁₀₈	2009 09 21.4	23 54.52	+08 10.1	19.3	-0.76	- 6.4	3.1/24.6	62398
2007 EC ₁₇₀	2009 09 21.4	23 54.53	+01 18.6	20.5	-0.84	- 4.1	0.6/22.1	62515
2008 HO ₁₉	2009 09 21.4	23 54.55	-07 19.6	20.9	-0.79	- 8.5	2.2/19.1	62536
2005 UX ₁₃₅	2009 09 21.4	23 54.56	-00 20.7	20.4	-0.88	- 4.9	0.1/21.6	62447
2005 XX ₈₂	2009 09 21.4	23 54.57	+03 21.9	19.3	-0.94	- 2.5	1.5/22.7	62467
1999 XW ₆₂	2009 09 21.4	23 54.59	+12 20.3	19.4	-0.73	- 5.8	3.9/26.1	62300
2002 XT ₃₅	2009 09 21.4	23 54.60	-14 41.2	19.4	-0.93	- 3.3	6.2/17.1	62363
2002 RC ₇₉	2009 09 21.4	23 54.61	-00 31.9	18.5	-0.98	- 1.0	0.0/21.5	62353
2008 CQ ₁₀₉	2009 09 21.5	23 54.52	+01 33.4	21.0	-0.92	- 7.4	0.8/22.2	38147
2004 TN ₈₇	2009 09 21.5	23 54.54	-00 32.7	20.5	-0.76	- 5.3	0.0/21.5	62405
2008 HM ₃₄	2009 09 21.5	23 54.57	-30 16.4	19.9	-0.83	- 3.0	9.8/11.0	62537
2004 TH ₁₇₃	2009 09 21.5	23 54.58	+11 47.4	18.8	-0.83	- 2.5	4.1/25.4	62407
2005 VA ₃₃	2009 09 21.5	23 54.59	-09 07.8	19.9	-0.82	- 4.8	2.7/18.7	62457
2007 EW ₁	2009 09 21.5	23 54.60	+06 45.3	19.0	-1.00	+ 0.7	2.6/23.5	62509
2008 FK ₇₃	2009 09 21.5	23 54.62	-04 06.8	21.7	-0.79	- 7.5	1.1/20.3	60569
2006 US ₁₉₂	2009 09 21.5	23 54.63	+05 02.3	19.3	-1.10	- 2.8	2.4/23.1	62490
2003 NH ₁	2009 09 21.5	23 54.68	+21 03.8	19.6	-0.88	- 2.6	7.1/29.0	61878
2005 UZ ₃₇₃	2009 09 21.5	23 54.72	+16 50.5	20.6	-0.80	- 6.3	5.7/27.9	97944
2008 GC ₈₇	2009 09 21.5	23 54.73	-05 07.4	18.9	-0.83	- 7.0	2.1/20.0	62534
2006 VQ ₁₃₅	2009 09 21.5	23 54.76	-03 49.8	20.3	-1.00	- 5.8	1.4/20.5	62493
2006 AQ ₁₃	2009 09 21.5	23 54.77	+07 56.6	20.9	-0.73	- 3.9	2.3/24.4	01203
2004 FC ₆₁	2009 09 21.5	23 54.77	-02 11.9	21.4	-0.90	- 6.1	0.6/21.0	39198
2009 QN ₁₉	2009 09 21.5	23 54.79	-10 50.4	18.6	-0.65	-10.8	4.9/17.5	62148
2000 QZ ₁₇₃	2009 09 21.5	23 54.86	+10 08.0	18.5	-0.83	- 4.8	4.2/25.2	62306
2005 SY ₂₇	2009 09 21.5	23 54.89	+01 48.2	20.0	-1.03	- 0.6	1.0/22.2	62431
2007 DU ₃₈	2009 09 21.5	23 54.91	-04 15.5	19.2	-0.67	- 9.2	1.2/20.2	62045
2002 QR ₃	2009 09 21.5	23 54.93	+12 11.1	19.6	-0.80	- 3.8	6.8/26.0	48252
2006 XB ₆₈	2009 09 21.5	23 54.94	-05 58.8	20.3	-0.91	- 6.4	2.0/19.8	16375
2005 SS ₇	2009 09 21.5	23 54.94	+00 56.3	20.5	-0.88	- 5.0	0.5/22.1	60834
2005 UK ₁₅₂	2009 09 21.5	23 54.94	+02 48.2	19.7	-0.82	- 5.8	1.2/22.7	62447
2005 WQ ₅₈	2009 09 21.5	23 54.95	+12 08.5	20.2	-0.77	- 4.1	3.7/25.9	62461
2007 AS ₂₂	2009 09 21.5	23 54.96	+00 41.4	20.7	-0.88	- 6.4	0.4/22.0	62499
1999 JG ₄₇	2009 09 21.6	23 54.89	+10 05.3	21.2	-0.80	- 6.8	3.0/25.4	40084
2003 FR ₄	2009 09 21.6	23 54.92	-41 17.4	20.9	-1.06	- 1.5	10.8/06.6	18046
2005 YF ₇₃	2009 09 21.6	23 54.94	+13 33.8	19.5	-0.82	- 3.8	4.7/26.3	62469
2007 DJ ₂₉	2009 09 21.6	23 54.94	-03 58.3	19.5	-0.76	- 5.7	1.2/20.4	62505
2006 BM ₂₁₉	2009 09 21.6	23 54.95	-03 28.3	20.3	-0.85	- 2.1	0.8/20.7	62479
2002 AX ₆₅	2009 09 21.6	23 54.96	+22 50.5	19.0	-0.92	- 0.1	10.7/28.7	62337
2005 YH ₂₇	2009 09 21.6	23 54.97	+11 25.8	19.8	-0.80	- 3.3	3.8/25.6	62468
2008 GJ ₆₈	2009 09 21.6	23 54.98	-09 58.2	20.6	-0.97	- 6.6	3.6/18.5	62534
2004 TT ₁₄₇	2009 09 21.6	23 55.00	-04 02.2	19.9	-0.86	- 1.9	1.1/20.6	62407
2002 FA ₁₄	2009 09 21.6	23 55.01	+01 43.0	19.6	-0.68	- 9.3	0.6/22.5	62345
2003 AX ₇	2009 09 21.6	23 55.03	+12 12.7	20.1	-0.91	- 3.7	3.8/25.7	62365
2008 HY ₆₉	2009 09 21.6	23 55.04	+02 04.9	21.0	-0.82	- 6.4	0.9/22.5	62538
2008 FK ₂₆	2009 09 21.6	23 55.04	-07 59.3	20.5	-0.96	- 3.6	2.7/19.4	62084
2008 EB ₆₀	2009 09 21.6	23 55.08	+08 07.3	20.3	-1.04	- 4.8	3.3/24.3	62527
2005 SB ₅₁	2009 09 21.6	23 55.10	-01 39.6	20.6	-0.86	- 4.9	0.4/21.3	62432

2005 EK ₂₁₅	2009 09 21.6	23 55.13 +03 03.7 20.7	-1.06	- 5.4	1.5/22.8	60823
2007 EF ₇₀	2009 09 21.6	23 55.20 -06 13.4 20.3	-0.79	- 4.5	1.8/19.8	62511
2004 UT ₆	2009 09 21.6	23 55.20 -14 14.6 20.6	-0.81	- 3.0	4.0/17.2	62411
2006 BW ₂₈₀	2009 09 21.6	23 55.22 -02 22.2 19.0	-0.84	- 2.4	0.6/21.1	62479
2006 BK ₂₃₈	2009 09 21.6	23 55.24 -03 55.4 20.5	-0.73	- 4.0	1.0/20.6	62479
2004 LA ₁₆	2009 09 21.6	23 55.24 +20 40.8 19.7	-0.88	- 5.4	6.6/29.4	62393
2005 XD ₉₁	2009 09 21.6	23 55.24 -13 31.2 20.5	-0.75	- 3.8	3.6/17.4	22804
2005 YC ₁₁₁	2009 09 21.6	23 55.25 -01 35.6 21.0	-0.70	- 5.4	0.3/21.3	62470
2005 UM ₁₁₆	2009 09 21.6	23 55.27 -13 26.6 20.0	-0.86	- 4.2	4.6/17.5	62446
2004 YA ₁₀	2009 09 21.6	23 55.27 -04 15.1 20.1	-0.73	- 4.5	1.1/20.4	62416
2008 EP ₄₀	2009 09 21.6	23 55.34 +05 50.6 20.4	-1.02	- 4.0	2.5/23.6	62077
2006 US ₂₃	2009 09 21.7	23 55.31 -21 27.4 20.1	-1.30	+ 1.3	7.7/16.7	62488
2001 SH ₁₄₇	2009 09 21.7	23 55.31 -11 47.7 19.4	-1.24	+ 2.6	4.4/19.2	62319
2005 UF ₅₀₉	2009 09 21.7	23 55.36 -24 19.9 20.0	-0.90	- 2.8	8.2/13.8	39248
2004 VQ ₇	2009 09 21.7	23 55.38 +06 31.9 19.4	-0.68	- 7.6	2.3/24.3	62411
2001 SX ₂₄₃	2009 09 21.7	23 55.43 -03 15.2 20.1	-0.83	- 8.0	1.1/20.8	62320
2004 VO ₁₇	2009 09 21.7	23 55.48 -16 20.3 19.6	-0.79	- 3.1	4.9/16.5	62411
2002 QQ ₁₁₆	2009 09 21.7	23 55.48 -03 29.8 19.6	-0.98	- 4.2	1.4/20.8	62352
2001 TM ₂₈	2009 09 21.7	23 55.48 +03 55.6 19.1	-0.88	- 4.4	1.8/23.2	62321
2004 TG ₁₅₇	2009 09 21.7	23 55.49 -03 45.5 20.4	-0.79	- 4.6	1.1/20.7	62407
2004 VL ₄₅	2009 09 21.7	23 55.51 +23 28.5 20.3	-0.71	- 7.2	6.3/01.1	62412
2005 YE ₁₁₈	2009 09 21.7	23 55.53 +12 37.9 20.1	-0.80	- 3.3	3.9/26.1	62470
2007 CZ ₁₁	2009 09 21.7	23 55.68 -05 46.6 20.6	-0.83	- 5.5	1.8/20.0	22873
2004 PA ₈₆	2009 09 21.8	23 55.60 +17 28.3 19.9	-0.91	- 3.5	5.8/27.8	62395
2005 TB ₁₀₉	2009 09 21.8	23 55.61 +02 33.2 20.0	-0.94	- 2.3	1.4/22.7	62441
2006 UF ₁₀₄	2009 09 21.8	23 55.61 -04 31.3 20.4	-0.94	- 6.6	1.8/20.5	62489
1993 PA ₁	2009 09 21.8	23 55.64 -11 36.7 19.5	-0.59	-12.0	5.7/17.1	62291
2005 UR ₁₇₃	2009 09 21.8	23 55.66 +01 15.6 19.9	-0.82	- 5.6	0.6/22.4	62448
2005 YA ₇₁	2009 09 21.8	23 55.67 -24 39.9 21.1	-0.73	- 4.9	6.0/12.9	98044
2004 XV ₁₃₀	2009 09 21.8	23 55.70 -44 50.2 20.7	-1.41	+ 0.1	18.0/05.8	35898
2007 JE ₁₅	2009 09 21.8	23 55.71 +08 00.5 22.3	-0.68	- 5.7	2.1/24.8	41345
2006 XK ₄₁	2009 09 21.8	23 55.72 -09 48.3 20.8	-0.91	- 6.4	3.5/18.7	14820
2006 UR ₁₉	2009 09 21.8	23 55.73 +05 52.4 20.6	-0.96	- 7.6	2.7/23.9	62488
2008 EP ₄₃	2009 09 21.8	23 55.77 +21 23.8 19.8	-1.83	+ 9.9	12.0/24.8	62527
2007 AG ₁	2009 09 21.8	23 55.78 +05 21.6 20.6	-0.85	- 4.8	1.9/23.7	60884
2007 DE ₇₁	2009 09 21.8	23 55.81 -02 45.6 21.1	-0.76	- 4.5	0.6/21.1	62507
2007 DL ₄₂	2009 09 21.8	23 55.82 -07 46.1 20.5	-0.89	- 7.5	2.8/19.3	62046
1999 VG ₁₆₅	2009 09 21.8	23 55.82 -11 47.9 19.5	-0.84	- 2.6	3.6/18.3	62300
2002 GS ₁₂₀	2009 09 21.8	23 55.84 -18 49.5 20.2	-0.81	- 3.1	5.4/15.8	18008
2004 TO ₃₅₉	2009 09 21.8	23 55.88 +13 12.7 19.7	-0.80	- 3.9	4.1/26.5	62410
2007 BJ ₅₀	2009 09 21.8	23 55.90 -20 09.9 21.1	-0.81	- 6.5	5.7/14.7	16387
1998 QW ₂₈	2009 09 21.8	23 55.91 +06 36.2 20.0	-0.74	- 6.0	2.3/24.4	62294
2007 CG ₂₆	2009 09 21.8	23 55.91 -10 34.2 21.4	-0.80	- 5.7	3.1/18.4	26244
2006 UX ₂₅₄	2009 09 21.8	23 55.93 -09 55.3 19.4	-1.01	- 2.8	4.6/19.1	62490
2007 EQ ₂₆	2009 09 21.8	23 55.96 +02 43.3 19.9	-0.95	- 1.5	1.1/22.8	60520
2002 AZ ₁₂₆	2009 09 21.8	23 55.98 +11 03.5 17.3	-0.54	- 2.5	6.3/26.0	62337
2005 UY ₃₇₂	2009 09 21.8	23 55.99 -05 29.5 20.8	-0.85	- 3.9	1.7/20.3	62453
2006 UA ₂₇₂	2009 09 21.8	23 56.00 +05 00.0 19.6	-0.85	- 7.7	2.6/23.8	12962
2002 YD ₂₁	2009 09 21.8	23 56.02 -18 56.1 20.8	-0.92	- 5.6	5.9/15.5	19587
2001 TD ₇₄	2009 09 21.8	23 56.02 -13 10.3 18.5	-1.04	0.0	5.6/18.4	62322
2007 CT ₄₅	2009 09 21.8	23 56.02 +08 52.0 20.1	-0.88	- 5.6	3.4/25.0	62503

2004 BX ₅₀	2009 09 21.8	23 56.04 -09 01.4 19.7	-0.90	- 7.5	3.2/19.0	62383
2007 DY ₇₇	2009 09 21.9	23 55.98 -08 15.2 21.5	-0.85	- 7.0	2.6/19.2	41863
2003 KP ₁₈	2009 09 21.9	23 56.03 -09 02.5 20.2	-0.73	-11.8	2.6/18.6	60786
2005 UB ₄₇₃	2009 09 21.9	23 56.05 -04 23.9 20.3	-0.85	- 3.8	1.4/20.7	62455
2006 UN ₂₈₆	2009 09 21.9	23 56.06 -12 11.2 20.3	-1.06	- 3.3	4.8/18.5	58553
2007 DT ₉₀	2009 09 21.9	23 56.06 -02 28.8 19.9	-0.86	- 4.6	0.7/21.3	62508
1995 SR ₅₂	2009 09 21.9	23 56.07 -04 25.8 20.9	-1.04	- 3.1	1.6/20.8	62292
2006 AC ₂₄	2009 09 21.9	23 56.09 -20 26.2 19.9	-0.80	- 3.8	5.8/15.1	22806
2006 XK ₄₉	2009 09 21.9	23 56.09 +11 33.2 20.1	-0.94	- 4.9	5.2/25.8	16374
2004 FZ ₅₅	2009 09 21.9	23 56.11 -11 48.6 19.2	-1.06	- 0.5	4.6/19.0	62389
2008 JB ₂₁	2009 09 21.9	23 56.12 -11 17.9 20.3	-0.72	- 5.8	3.2/18.1	40042
2005 XH ₆₅	2009 09 21.9	23 56.16 +22 54.9 19.7	-0.78	- 5.6	6.7/30.6	62466
2005 YO ₇₉	2009 09 21.9	23 56.18 -07 31.4 20.0	-0.74	- 4.7	2.1/19.6	62469
1996 VQ ₉	2009 09 21.9	23 56.19 -11 36.2 20.1	-0.79	- 6.5	4.0/18.0	41067
2001 XX ₅₅	2009 09 21.9	23 56.21 -07 44.1 20.0	-0.86	- 6.0	2.5/19.5	62331
2006 VP ₁₁₉	2009 09 21.9	23 56.23 +04 09.7 20.6	-0.95	- 7.0	1.8/23.5	60879
2003 BE ₂₈	2009 09 21.9	23 56.26 +04 07.8 19.4	-0.90	- 5.9	1.8/23.4	62367
2003 QL ₂₄	2009 09 21.9	23 56.27 +20 20.6 18.8	-0.97	+ 0.5	6.6/28.0	62373
2003 EN ₂₃	2009 09 21.9	23 56.29 -05 14.0 20.3	-0.97	- 1.9	1.5/20.6	60784
2005 SJ ₁₃₂	2009 09 21.9	23 56.36 -08 52.0 19.4	-1.03	- 0.7	3.1/19.7	60836
2006 BL ₃₉	2009 09 21.9	23 56.36 -02 28.8 20.2	-0.78	- 4.4	0.7/21.3	60450
2006 BH ₁₄₆	2009 09 21.9	23 56.37 -06 59.3 21.4	-0.72	- 5.9	1.8/19.7	62478
2005 YH ₂₀	2009 09 22.0	23 56.36 +04 41.4 20.1	-0.74	- 4.5	1.5/23.7	26112
2006 TJ ₉₀	2009 09 22.0	23 56.41 -08 11.2 20.0	-1.07	- 2.9	3.2/19.8	62488
2000 AJ ₂₀	2009 09 22.0	23 56.43 -20 29.0 19.2	-0.81	- 4.7	6.5/14.8	97365
2006 UR ₁₁₈	2009 09 22.0	23 56.45 +00 53.4 20.1	-0.94	- 7.4	0.6/22.5	62489
2001 UT ₄₂	2009 09 22.0	23 56.46 +07 54.9 19.3	-0.70	-12.9	3.4/25.4	62324
2006 TZ ₉₄	2009 09 22.0	23 56.46 +08 35.4 20.1	-0.99	- 6.7	3.5/25.0	62488
2008 GD ₁₂₁	2009 09 22.0	23 56.49 -09 38.9 21.4	-1.01	- 4.2	3.4/19.2	62535
2000 WP ₁₈₁	2009 09 22.0	23 56.50 -41 47.5 18.5	-0.75	- 7.0	15.5/05.0	62310
2007 BG ₆₈	2009 09 22.0	23 56.57 -04 26.0 20.6	-0.89	- 6.5	1.5/20.7	62502
2005 UZ ₁₄₇	2009 09 22.0	23 56.57 -00 35.3 20.4	-0.86	- 4.3	0.1/22.0	62447
2002 VP ₂₀	2009 09 22.0	23 56.58 +06 17.6 19.1	-0.81	- 9.0	2.9/24.5	62361
2001 UN ₂₂₁	2009 09 22.0	23 56.58 +05 09.0 19.7	-0.79	- 8.8	2.4/24.0	62326
2002 QT ₆	2009 09 22.0	23 56.58 +26 42.8 18.7	-1.64	+ 9.1	13.2/27.0	61853
2004 TY ₁₅	2009 09 22.0	23 56.59 +02 22.9 19.6	-0.75	- 4.8	0.8/23.0	62403
2007 BB ₄₄	2009 09 22.0	23 56.59 -02 18.4 18.4	-0.85	- 6.6	0.8/21.4	62501
2001 QD ₉₁	2009 09 22.0	23 56.60 +22 18.7 18.8	-0.73	-22.6	10.1/02.8	62315
2002 RA ₂₆₈	2009 09 22.0	23 56.61 +00 41.9 20.0	-1.14	- 1.7	0.5/22.3	62355
2007 BF ₇₄	2009 09 22.0	23 56.62 +09 34.2 20.3	-0.95	- 4.3	4.1/25.2	62502
2009 ST ₁₄	2009 09 22.0	23 56.64 +05 09.7 19.4	-0.83	- 5.1	2.5/23.9	62200
2002 GY ₆₃	2009 09 22.0	23 56.65 +01 41.2 20.7	-0.71	- 5.6	0.5/22.8	20765
2006 AM ₈₃	2009 09 22.0	23 56.68 -01 00.1 19.7	-0.92	- 0.4	0.2/21.9	62475
2002 CG ₂₉	2009 09 22.0	23 56.75 -09 09.2 19.7	-0.83	- 4.6	2.9/19.2	62339
2004 AG ₂₁	2009 09 22.1	23 56.68 -09 12.6 19.3	-0.94	- 6.0	3.7/19.3	62382
2009 QM ₃₁	2009 09 22.1	23 56.68 -02 45.5 18.5	-0.77	- 5.7	1.2/21.3	62159
2004 HN ₂	2009 09 22.1	23 56.73 +04 34.3 19.9	-0.80	-10.0	1.6/23.9	60802
2007 DE ₃₂	2009 09 22.1	23 56.73 +03 51.8 20.7	-0.85	- 2.0	1.3/23.4	62044
2007 BG ₄₂	2009 09 22.1	23 56.76 +00 43.2 21.0	-0.86	- 5.4	0.3/22.5	19695
2007 DE ₁₁₃	2009 09 22.1	23 56.78 +00 52.7 20.0	-0.77	- 6.5	0.4/22.5	62509
2009 SO ₁₅	2009 09 22.1	23 56.79 +05 31.7 19.4	-0.84	- 8.3	2.5/24.2	62201

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2007 ED ₅₀	2009 09 22.1	23 56.80 +02 30.7 20.6	-0.77 - 3.9	0.8/23.1	62511
2007 DK ₇₄	2009 09 22.1	23 56.80 -02 19.2 19.6	-0.76 - 7.3	0.7/21.4	62507
2006 WV ₁₅₃	2009 09 22.1	23 56.81 -07 42.2 20.3	-1.02 - 4.8	2.8/19.9	62495
2004 RW ₁₉₉	2009 09 22.1	23 56.83 +22 05.3 18.2	-0.75 - 4.4	8.4/30.4	62399
2004 EM ₇₁	2009 09 22.1	23 56.83 +00 17.8 20.4	-0.91 - 6.2	0.2/22.3	60799
2002 LZ ₆₁	2009 09 22.1	23 56.86 +01 15.9 18.8	-0.82 -10.3	0.7/22.7	62349
2008 EM ₆₇	2009 09 22.1	23 56.88 +07 05.5 19.1	-1.03 - 2.1	3.7/24.3	62527
2001 DU ₁₄	2009 09 22.1	23 56.89 +08 55.5 19.8	-0.82 - 2.1	2.4/25.0	62312
2005 UH ₃₈	2009 09 22.1	23 56.91 -08 00.6 20.4	-0.83 - 4.6	2.5/19.6	62443
2004 HV ₇	2009 09 22.1	23 56.91 +07 33.3 20.1	-0.77 -11.1	2.8/25.2	62391
2008 FV ₁₂₆	2009 09 22.1	23 56.93 -21 54.2 21.2	-0.96 - 2.3	6.7/15.6	40753
2008 HK ₂	2009 09 22.1	23 56.95 +00 47.9 20.2	-0.85 - 6.8	0.4/22.5	62536
2002 AS ₁₉₃	2009 09 22.1	23 56.96 +12 07.3 20.2	-0.80 - 5.5	3.8/26.4	62338
2004 RE ₁₉₃	2009 09 22.1	23 56.98 +12 24.5 18.8	-0.79 - 4.4	4.3/26.5	62399
2001 SF ₂₆₄	2009 09 22.1	23 57.00 -14 57.5 19.8	-1.84 +11.9	7.1/20.4	94106
2003 EV ₁₈	2009 09 22.1	23 57.04 +02 35.9 20.3	-0.93 - 3.6	1.0/23.1	60784
2008 GW ₁₀	2009 09 22.1	23 57.11 +00 07.7 21.4	-0.90 - 6.3	0.2/22.3	62532
2005 SL ₈₈	2009 09 22.2	23 57.04 +00 37.1 19.4	-0.92 - 2.7	0.4/22.5	62433
2005 SC ₂	2009 09 22.2	23 57.05 -12 13.1 18.7	-1.18 + 2.5	4.8/19.5	62431
2001 XR ₁₇₈	2009 09 22.2	23 57.06 +20 31.0 19.3	-0.85 - 4.7	7.6/29.5	97527
2006 VX ₁₅₄	2009 09 22.2	23 57.07 -05 02.3 19.6	-0.89 - 9.5	2.1/20.5	62493
2002 UY ₉	2009 09 22.2	23 57.08 +06 00.5 19.0	-0.98 - 4.4	2.9/24.2	61869
2006 WH ₇₀	2009 09 22.2	23 57.09 -04 41.4 20.2	-1.01 - 4.3	1.7/20.9	62494
2007 CU ₂₃	2009 09 22.2	23 57.10 -08 53.5 19.8	-0.84 - 9.0	3.3/19.1	62503
2000 QM ₁₆₂	2009 09 22.2	23 57.10 +20 13.7 18.8	-0.94 - 2.7	8.0/29.1	62306
2007 DQ ₂₇	2009 09 22.2	23 57.10 -03 13.7 20.3	-0.84 - 3.9	1.0/21.3	60888
2008 JD ₃	2009 09 22.2	23 57.18 -31 24.3 21.2	-0.87 - 1.4	9.2/12.0	40220
2008 GK ₁₉	2009 09 22.2	23 57.20 -07 32.0 21.2	-0.92 - 7.9	2.5/19.8	62533
2002 NN ₁₁	2009 09 22.2	23 57.25 -17 55.3 19.5	-0.87 - 7.8	7.8/16.0	62349
2008 GZ ₄₉	2009 09 22.2	23 57.25 -07 14.0 21.8	-0.99 - 4.8	2.4/20.1	41922
2006 UA ₃₂₉	2009 09 22.2	23 57.28 -06 37.5 21.0	-0.98 - 4.7	2.2/20.3	62491
2008 KK ₂₇	2009 09 22.2	23 57.31 -09 21.5 20.9	-0.89 - 6.5	3.1/19.2	62540
2005 VN ₁₆	2009 09 22.2	23 57.38 -12 12.4 18.9	-0.79 - 3.6	5.7/18.3	61981
2002 JU ₁₀₈	2009 09 22.2	23 57.39 -18 32.5 20.9	-0.68 - 6.8	4.3/15.5	18013
2008 HG ₆₃	2009 09 22.2	23 57.41 -04 07.3 20.2	-0.92 - 7.7	1.5/21.0	62538
1998 EX ₃	2009 09 22.2	23 57.42 +28 54.1 20.5	-1.81 +10.8	16.3/26.3	35749
2005 UM ₁₁₀	2009 09 22.2	23 57.46 +07 20.1 19.0	-0.81 - 5.6	3.3/24.9	62446
2000 DA ₈₂	2009 09 22.2	23 57.46 -22 38.1 19.7	-0.69 - 6.6	5.8/13.6	62303
2004 TE ₃₀₈	2009 09 22.3	23 57.41 +13 27.2 19.5	-0.77 - 4.4	4.1/27.0	62409
2007 GX ₅₈	2009 09 22.3	23 57.42 -01 38.8 20.6	-0.82 - 2.8	0.4/21.9	62519
2005 UU ₃₂₅	2009 09 22.3	23 57.43 +01 52.5 20.3	-0.79 - 7.8	0.8/23.1	62452
2001 RV ₁₂₉	2009 09 22.3	23 57.43 -03 40.8 18.7	-0.91 - 4.7	1.3/21.2	62317
2002 JP ₁₂₂	2009 09 22.3	23 57.45 -13 29.6 19.8	-0.68 - 7.8	3.6/17.4	62348
2007 EU ₁₅₂	2009 09 22.3	23 57.48 -06 54.6 20.4	-0.88 - 3.9	2.3/20.2	62514
2005 NZ ₁₂₄	2009 09 22.3	23 57.49 -05 39.8 20.1	-0.78 - 8.9	2.3/20.4	62424
2005 ST ₃₉	2009 09 22.3	23 57.50 +00 04.7 19.7	-0.81 - 6.5	0.1/22.4	61933
2008 FN ₁₂₈	2009 09 22.3	23 57.53 -02 11.7 20.9	-0.91 - 7.5	0.7/21.7	62532
2001 XV ₉₂	2009 09 22.3	23 57.55 -11 19.8 19.8	-0.92 - 4.7	3.9/18.7	20754
2001 QR ₂₂₆	2009 09 22.3	23 57.55 +07 44.6 19.1	-0.59 - 5.8	2.1/25.3	62316
2003 FE ₁₃₀	2009 09 22.3	23 57.56 -02 44.6 20.5	-0.88 - 3.6	0.8/21.6	62371
2007 GG ₅₃	2009 09 22.3	23 57.58 -05 34.9 21.0	-0.75 - 3.4	1.4/20.6	62063

2005 JC ₈₅	2009 09 22.3	23 57.65 -05 06.3 19.8	-0.94 - 6.9	2.1/20.8	60826
2001 RF ₁₃₃	2009 09 22.3	23 57.66 -06 53.7 19.1	-0.92 - 4.6	2.3/20.3	62317
2001 PZ ₁₆	2009 09 22.3	23 57.67 +42 30.6 19.6	-1.01 - 3.9	20.9/14.0	72393
2001 VE ₅₅	2009 09 22.3	23 57.70 -11 32.3 20.1	-1.03 - 1.7	4.2/19.1	17970
2007 FQ ₄₅	2009 09 22.3	23 57.70 +06 26.5 20.5	-0.68 - 6.5	1.9/24.8	37615
1999 SL ₂	2009 09 22.3	23 57.71 -00 46.4 19.9	-1.10 - 3.5	0.2/22.2	60541
2002 JD ₁₄₃	2009 09 22.3	23 57.72 -20 05.2 19.6	-0.80 - 3.0	5.8/15.9	62348
2005 SP ₁₅₃	2009 09 22.3	23 57.77 +05 58.0 20.9	-0.79 - 8.8	2.0/24.6	21835
2005 YW ₂₈₂	2009 09 22.3	23 57.77 -01 13.7 19.9	-0.79 - 4.5	0.3/22.1	62473
1999 XT ₁₈₈	2009 09 22.3	23 57.77 +09 05.4 18.2	-1.00 - 3.3	4.3/25.0	62301
2005 WM ₁₃₄	2009 09 22.3	23 57.79 -38 41.8 18.8	-0.83 - 3.4	13.1/06.3	62463
2008 DY ₁₅	2009 09 22.3	23 57.81 -11 24.1 20.4	-0.94 - 6.8	4.0/18.7	58596
2005 NO ₇₈	2009 09 22.3	23 57.82 +04 05.6 19.8	-0.89 - 5.6	1.9/23.8	62423
2008 DX ₃₁	2009 09 22.3	23 57.82 -05 19.4 20.6	-0.97 - 5.2	1.9/20.8	39289
2005 VR ₂₃	2009 09 22.4	23 57.83 +19 25.5 20.2	-0.80 - 8.1	6.2/30.1	40154
2004 VQ ₄	2009 09 22.4	23 57.83 +22 19.9 19.6	-0.80 - 4.0	6.8/30.3	02224
2006 AM ₈₅	2009 09 22.4	23 57.85 +22 04.7 20.9	-0.80 - 2.7	5.7/30.0	98087
2008 HB ₃₉	2009 09 22.4	23 57.85 -02 29.3 19.2	-1.01 - 2.8	1.0/21.8	62537
2004 XE ₁₂₄	2009 09 22.4	23 57.86 +12 02.4 18.2	-1.01 + 2.0	4.9/25.5	61915
2005 YQ ₉₂	2009 09 22.4	23 57.88 +03 24.4 21.0	-0.75 - 4.9	1.1/23.7	62470
1999 TK ₃₁₃	2009 09 22.4	23 57.90 +01 05.6 18.7	-0.66 -10.2	0.7/22.9	61832
2007 GO ₃₅	2009 09 22.4	23 57.90 +02 29.8 20.7	-0.68 - 7.3	0.8/23.4	41871
2002 GE ₁₈₂	2009 09 22.4	23 57.91 -11 22.7 20.7	-0.68 - 7.5	3.0/18.3	20283
2005 NU ₄₈	2009 09 22.4	23 57.93 +20 43.2 19.1	-1.06 - 2.5	9.3/29.4	61921
2004 HT ₂₀	2009 09 22.4	23 57.94 -02 38.9 20.5	-0.88 - 6.5	0.8/21.6	62391
2001 FK ₇₃	2009 09 22.4	23 57.94 -06 54.9 20.5	-0.71 - 4.6	1.7/20.2	62313
2001 SN ₁₆₀	2009 09 22.4	23 57.94 +07 46.2 18.8	-0.63 -11.0	3.6/25.7	62319
2007 FE ₂₃	2009 09 22.4	23 57.94 -02 15.3 20.0	-0.69 - 6.3	0.6/21.7	62517
2007 AY ₁₅	2009 09 22.4	23 57.96 -03 17.6 20.9	-0.89 - 6.6	1.1/21.4	19694
2002 GD ₄	2009 09 22.4	23 57.98 -18 48.1 21.3	-0.69 - 8.5	4.8/15.3	41781
2005 UT ₃₇₁	2009 09 22.4	23 58.02 +15 48.1 20.7	-0.81 - 6.9	5.6/28.2	56034
2005 WS ₅₇	2009 09 22.4	23 58.02 +18 00.5 20.5	-0.84 - 5.2	6.0/28.8	97990
2005 UK ₄₉₅	2009 09 22.4	23 58.03 -01 53.3 18.4	-1.07 + 0.8	0.7/22.0	62455
2000 GW ₂₃	2009 09 22.4	23 58.04 +00 29.8 21.3	-0.89 - 5.6	0.2/22.7	39141
2000 EB ₄	2009 09 22.4	23 58.04 -06 05.3 20.0	-0.94 - 6.5	2.2/20.5	62303
2005 TD ₁₁₃	2009 09 22.4	23 58.05 +00 12.1 19.8	-0.98 - 3.5	0.2/22.6	62441
2004 EK ₉₀	2009 09 22.4	23 58.08 -06 13.7 20.6	-0.96 - 5.9	2.1/20.5	62388
2004 JD ₂₅	2009 09 22.4	23 58.09 -07 22.5 20.0	-0.84 - 6.6	2.5/20.1	62393
2004 TQ ₂₇₂	2009 09 22.4	23 58.11 +13 19.6 19.4	-0.71 - 6.4	4.3/27.4	62409
2004 FN ₁₀₂	2009 09 22.4	23 58.15 +23 19.5 20.6	-0.92 - 8.2	7.5/01.2	60801
2004 TR ₂₄₁	2009 09 22.4	23 58.18 +17 29.8 19.0	-0.79 - 4.6	5.7/28.7	62408
2001 QM ₂₇₉	2009 09 22.5	23 58.14 -10 17.8 19.2	-0.73 - 1.7	3.0/19.4	62316
2005 VB ₃₅	2009 09 22.5	23 58.14 +00 47.6 20.8	-0.83 - 4.6	0.3/22.8	62457
2007 EH ₁₉₅	2009 09 22.5	23 58.20 -01 31.2 19.9	-0.78 - 7.4	0.5/22.1	62515
2006 BD ₂₇₀	2009 09 22.5	23 58.23 -00 32.6 19.7	-0.68 - 6.9	0.1/22.4	62479
2004 JE ₆	2009 09 22.5	23 58.23 -10 00.5 19.4	-0.87 - 8.1	3.5/19.1	62392
2004 KL ₁₄	2009 09 22.5	23 58.24 -02 22.7 20.2	-0.80 - 9.4	0.7/21.7	62393
2007 DV ₃₉	2009 09 22.5	23 58.26 -07 38.7 20.9	-0.86 - 5.7	2.6/20.1	40177
2004 TR ₅₃	2009 09 22.5	23 58.26 -10 49.1 19.3	-0.83 - 2.4	3.3/19.2	62404
2005 YH ₁₉₂	2009 09 22.5	23 58.26 -17 01.2 19.1	-0.71 - 5.7	5.9/16.4	62472
2006 WE ₁₀₃	2009 09 22.5	23 58.28 -06 38.2 20.2	-0.97 - 5.5	2.5/20.5	60881

2005 UL ₂₉₉	2009 09 22.5	23 58.32 +02 21.4 21.0	-0.79	- 5.6	0.8/23.4	62451
2005 YR ₇₃	2009 09 22.5	23 58.33 +25 57.3 19.3	-0.86	- 2.3	11.5/01.5	96740
2004 RV ₃₀₈	2009 09 22.5	23 58.34 -04 56.1 19.5	-0.77	- 5.4	1.5/20.9	62401
2005 UC ₈₁	2009 09 22.5	23 58.35 -08 07.8 19.1	-0.86	- 0.4	3.9/20.3	61959
2008 CH ₉₄	2009 09 22.5	23 58.38 +12 25.0 19.6	-1.65	+ 7.1	6.5/24.6	38147
2006 XF ₆₉	2009 09 22.5	23 58.43 -05 44.2 19.3	-0.89	- 7.0	2.4/20.7	62497
2008 GK ₃₈	2009 09 22.5	23 58.47 -19 46.6 19.8	-0.98	- 2.2	6.5/16.7	40757
2005 XP ₂₇	2009 09 22.5	23 58.47 +01 46.8 19.8	-0.88	- 3.9	0.8/23.2	61997
2002 JT ₁₀₈	2009 09 22.5	23 58.50 -51 10.2 17.9	-0.88	+ 0.9	24.3/05.0	60764
2008 JM ₁₂	2009 09 22.5	23 58.51 -11 20.7 21.0	-0.76	- 7.2	3.6/18.6	40037
2008 HP ₆₆	2009 09 22.5	23 58.51 -17 01.2 21.8	-0.83	- 5.8	4.8/16.8	40219
2002 GQ ₃₈	2009 09 22.5	23 58.54 -07 36.8 21.1	-0.84	- 2.5	2.1/20.3	75322
2008 FS ₂₆	2009 09 22.5	23 58.55 -01 46.7 20.5	-0.95	- 4.9	0.6/22.1	62529
2001 WA ₁₇	2009 09 22.5	23 58.56 -17 42.6 19.4	-1.09	+ 1.3	7.6/18.0	21771
2009 SE	2009 09 22.5	23 58.63 -12 08.0 19.6	-2.74	+28.6	8.3/23.0	62569
2003 QX ₁₁₂	2009 09 22.6	23 58.48 +29 30.4 19.3	-0.81	- 3.2	9.2/03.3	62374
2006 FZ ₅	2009 09 22.6	23 58.49 +03 53.5 19.7	-0.68	-11.4	1.1/24.2	62482
2005 VY ₅₅	2009 09 22.6	23 58.51 +05 21.8 19.6	-0.85	- 5.2	2.0/24.4	62457
1999 VY ₂₁₅	2009 09 22.6	23 58.52 -08 47.6 20.4	-0.87	- 2.0	2.5/20.0	62300
2004 TT ₂₆₅	2009 09 22.6	23 58.53 -14 36.8 19.6	-0.86	- 1.5	4.4/18.2	62409
2008 DC ₆₇	2009 09 22.6	23 58.58 +03 22.3 21.2	-0.95	- 8.5	1.3/23.8	47445
2008 FD ₅₀	2009 09 22.6	23 58.59 -04 53.8 20.1	-1.00	- 2.8	1.9/21.3	62530
2000 LT ₂₉	2009 09 22.6	23 58.62 +19 20.9 19.8	-0.95	- 6.3	6.9/29.8	35765
2007 BJ ₂₈	2009 09 22.6	23 58.66 +03 10.3 19.9	-0.86	- 4.3	1.2/23.7	62500
2005 XE ₅	2009 09 22.6	23 58.74 -09 06.0 19.4	-0.75	- 7.1	3.6/19.4	62465
2002 HY ₁₆	2009 09 22.6	23 58.74 -06 58.1 20.6	-0.82	- 3.0	2.0/20.5	58429
2008 FK ₃₂	2009 09 22.6	23 58.75 +02 15.9 20.6	-1.04	- 4.7	0.9/23.4	62530
2002 JT ₁₀₀	2009 09 22.6	23 58.76 -01 14.5 21.1	-0.75	- 4.7	0.3/22.3	22704
2002 FM ₂₉	2009 09 22.6	23 58.78 -11 32.2 19.6	-0.92	- 1.6	3.5/19.3	18005
2007 DB ₄₆	2009 09 22.6	23 58.80 -09 05.6 21.3	-0.93	- 8.8	3.5/19.5	56089
2005 YR ₁₀₈	2009 09 22.6	23 58.80 -16 41.5 20.3	-0.73	- 5.9	5.0/16.7	96766
2004 SB ₆₁	2009 09 22.6	23 58.81 -18 13.6 18.5	-0.70	- 8.4	6.7/15.5	62403
2009 QQ ₄₇	2009 09 22.6	23 58.82 -07 34.3 18.4	-1.02	+ 1.1	4.0/20.8	62169
2001 YC ₁₅₇	2009 09 22.6	23 58.82 +14 09.9 21.0	-0.96	- 2.4	4.5/27.0	85385
2006 UA ₂₁₁	2009 09 22.6	23 58.82 -00 10.2 19.8	-1.02	- 4.5	0.0/22.7	62490
2004 TQ ₃₃	2009 09 22.6	23 58.90 -03 58.6 20.3	-0.79	- 2.9	1.0/21.5	19634
2006 XN ₅₃	2009 09 22.6	23 58.92 -11 39.4 20.8	-0.96	- 5.0	4.0/19.0	59783
2008 FG ₅₃	2009 09 22.7	23 58.88 +01 29.0 21.8	-0.90	- 8.0	0.6/23.3	40748
1999 VC ₁₆₃	2009 09 22.7	23 58.90 -06 01.2 19.1	-1.08	- 4.7	2.4/20.9	60725
2006 BE ₁₂₄	2009 09 22.7	23 58.93 -00 39.0 19.7	-0.74	- 4.7	0.2/22.5	62477
2008 JK ₁₇	2009 09 22.7	23 58.93 -15 43.6 19.2	-0.85	- 4.4	5.7/17.6	62538
2005 JK ₁₂₇	2009 09 22.7	23 58.95 -06 31.0 20.4	-0.98	- 6.6	2.5/20.7	41180
2006 BG ₂₃	2009 09 22.7	23 58.96 +13 33.0 19.3	-0.83	- 2.9	4.3/27.1	62476
2001 WJ ₁₇	2009 09 22.7	23 58.97 +05 13.8 18.7	-0.69	- 5.9	2.6/24.6	62329
2000 EZ ₈	2009 09 22.7	23 58.98 +10 44.2 18.9	-0.95	0.0	3.8/25.7	62303
2005 UE ₅₀	2009 09 22.7	23 58.99 -03 07.8 18.7	-0.93	- 2.7	1.3/21.8	62444
2001 XX ₃₄	2009 09 22.7	23 59.00 +15 57.3 19.6	-0.97	- 2.3	5.9/27.6	62331
2003 EN ₁₃	2009 09 22.7	23 59.00 +04 00.9 21.1	-0.86	- 5.5	1.3/24.1	62369
2008 GW ₁₁	2009 09 22.7	23 59.00 -16 07.4 21.0	-0.96	- 1.9	5.0/18.1	39049
2005 UL ₄₆	2009 09 22.7	23 59.00 -22 35.3 19.6	-1.01	- 0.7	8.6/15.9	97883
2007 FR ₁₆	2009 09 22.7	23 59.01 -02 06.1 21.3	-0.83	- 7.0	0.7/22.1	62516

2004 HA ₂₆	2009 09 22.7	23 59.03 -14 13.6 20.0	-0.96	- 2.8	5.0/18.6	39201
2005 YA ₂₂₇	2009 09 22.7	23 59.04 -17 13.7 19.7	-0.78	- 4.0	5.2/17.0	22806
2005 VL ₁₁₈	2009 09 22.7	23 59.05 +65 35.6 18.5	-0.89	+15.8	37.0/06.0	96422
2007 CG ₅₃	2009 09 22.7	23 59.06 +11 04.6 21.2	-0.78	- 3.0	2.7/26.4	59787
2001 TM ₆₆	2009 09 22.7	23 59.08 -05 19.6 19.0	-0.92	- 4.2	2.1/21.1	62322
2005 XP ₂₆	2009 09 22.7	23 59.08 -22 46.6 21.0	-0.77	- 5.1	6.6/14.4	98021
2003 BG ₆₄	2009 09 22.7	23 59.12 -07 50.3 20.8	-0.83	- 6.3	2.4/20.1	60783
2008 CZ ₁₉₄	2009 09 22.7	23 59.13 -00 37.1 20.5	-0.95	- 5.0	0.2/22.6	62524
2008 FK ₅₄	2009 09 22.7	23 59.14 +05 52.7 21.1	-0.76	-10.4	1.9/25.0	39301
2005 WP ₃₃	2009 09 22.7	23 59.15 +09 35.5 20.7	-0.81	- 5.1	3.3/26.0	04363
2007 EP ₂₅	2009 09 22.7	23 59.16 -14 00.6 21.0	-0.97	+ 0.2	3.8/19.0	20852
2002 TJ ₄₄	2009 09 22.7	23 59.18 -05 51.7 18.7	-0.86	- 5.3	2.9/20.9	62357
2004 TC ₂₇₃	2009 09 22.7	23 59.18 +11 59.8 19.3	-0.71	- 6.3	3.8/27.2	62409
2005 UX ₂	2009 09 22.7	23 59.19 -09 07.6 19.2	-0.99	+ 1.6	4.8/20.4	97872
2007 BK ₅₆	2009 09 22.7	23 59.20 -08 01.8 20.3	-0.88	- 5.6	2.9/20.2	38126
2008 FG ₅₂	2009 09 22.7	23 59.27 -03 55.1 21.5	-0.99	- 5.0	1.3/21.6	40205
2006 UG ₂₄₅	2009 09 22.7	23 59.28 -10 36.8 20.3	-1.10	- 2.9	4.4/19.8	62490
2002 JG ₁₄₅	2009 09 22.8	23 59.20 +01 45.3 19.6	-0.66	- 8.1	0.5/23.5	62348
2006 TL ₂₀	2009 09 22.8	23 59.20 +05 05.8 20.0	-0.90	- 7.5	2.5/24.6	62487
2005 XR ₁₁₂	2009 09 22.8	23 59.22 +01 23.0 20.4	-0.80	- 5.0	0.5/23.3	62467
2005 UO ₃₁₃	2009 09 22.8	23 59.24 -04 48.0 18.2	-0.66	-12.7	2.0/20.9	62452
2008 HH ₃₆	2009 09 22.8	23 59.25 -07 18.3 20.5	-0.77	- 7.3	2.4/20.3	60905
2007 EK ₃	2009 09 22.8	23 59.28 +06 33.0 19.5	-0.87	- 1.8	2.0/25.0	62049
2005 UD ₄₅	2009 09 22.8	23 59.28 -03 32.1 20.4	-0.81	- 6.2	1.1/21.6	60842
2007 CY ₆₄	2009 09 22.8	23 59.30 +01 59.2 22.0	-0.83	- 5.8	0.6/23.5	24148
2007 EN ₁₄	2009 09 22.8	23 59.33 -11 37.2 21.0	-0.78	- 8.8	3.6/18.6	22879
2004 EN ₁₁₄	2009 09 22.8	23 59.35 -03 34.7 20.0	-0.89	- 6.7	1.2/21.7	60800
2000 CN ₃₉	2009 09 22.8	23 59.37 -28 55.5 20.1	-0.97	-15.8	11.8/10.2	37916
2008 CG ₁₄₂	2009 09 22.8	23 59.38 -02 51.9 21.5	-0.94	- 7.0	1.0/21.9	40195
2002 XW ₄₈	2009 09 22.8	23 59.38 +07 35.0 19.9	-0.90	- 6.4	2.7/25.4	62725
2005 QM ₁₅₆	2009 09 22.8	23 59.39 +25 41.1 19.7	-0.91	- 3.8	10.4/02.1	62429
2005 JT ₂	2009 09 22.8	23 59.42 +00 12.1 21.2	-0.98	- 6.9	0.1/22.9	56986
2009 RH ₂₆	2009 09 22.8	23 59.42 -10 01.7 19.0	-0.94	- 1.5	5.2/20.0	62185
1998 DV ₂₁	2009 09 22.8	23 59.51 -00 38.4 22.0	-0.81	- 4.6	0.2/22.7	62294
2006 BO ₁₄	2009 09 22.8	23 59.57 +10 15.5 21.9	-0.75	- 3.8	2.6/26.3	38084
2005 SZ ₂₄₈	2009 09 22.8	23 59.57 +01 12.7 20.2	-0.85	- 5.3	0.5/23.3	62437
2000 SN ₂₈₉	2009 09 22.8	23 59.62 +07 50.3 19.4	-0.86	- 4.4	2.8/25.5	62308
2005 TC ₁₆₁	2009 09 22.8	23 59.63 -05 49.2 20.3	-1.05	- 0.3	2.4/21.4	17590
2007 CT ₄₃	2009 09 22.9	23 59.56 -04 01.5 20.2	-0.77	- 7.5	1.4/21.5	62503
2002 JF ₈₆	2009 09 22.9	23 59.59 -13 00.8 20.0	-0.82	- 2.2	3.9/18.9	62348
2005 WS ₁₀₁	2009 09 22.9	23 59.59 -14 57.2 20.4	-0.84	- 5.0	4.8/17.8	26102
2004 TE ₂₀₇	2009 09 22.9	23 59.63 -14 09.9 18.1	-0.83	- 0.7	5.9/18.7	62408
2005 TX ₅₄	2009 09 22.9	23 59.67 -14 47.8 19.9	-1.05	- 0.4	5.5/19.0	38067
2004 XC ₁₄₇	2009 09 22.9	23 59.68 +16 55.7 18.2	-0.92	+ 1.0	7.2/27.6	62415
2002 TE	2009 09 22.9	23 59.70 -19 35.6 18.1	-0.29	-15.4	9.8/12.9	62356
2007 EF ₇₄	2009 09 22.9	23 59.75 +02 10.3 20.8	-0.78	- 8.7	0.7/23.7	62512
2000 AP ₂₃	2009 09 22.9	23 59.75 -17 27.6 18.9	-0.77	- 4.4	5.3/16.8	60727
2004 TY ₁₈	2009 09 22.9	23 59.77 +25 44.0 19.9	-1.02	-15.6	10.4/03.6	62403
2002 CQ ₆₁	2009 09 22.9	23 59.79 -21 18.8 20.6	-0.80	- 5.5	6.1/15.3	21775
2008 JX ₃₆	2009 09 22.9	23 59.79 -13 09.5 20.2	-0.79	- 8.3	4.6/18.1	40618
2004 VR ₆	2009 09 22.9	23 59.79 +09 25.1 19.8	-0.68	- 6.9	2.7/26.4	62411

2002 SL ₅₂	2009 09 22.9	23 59.81 -16 52.7 19.3	-0.96 - 4.5	7.2/17.4	62356
2007 EP ₁₅₇	2009 09 22.9	23 59.81 -04 54.1 19.9	-0.88 - 7.1	2.1/21.3	62514
2005 UH ₄₅₆	2009 09 22.9	23 59.83 +04 43.9 19.6	-1.03 - 0.8	1.7/24.2	62454
2007 EB ₁₉₁	2009 09 22.9	23 59.84 +01 18.1 18.9	-0.69 - 7.3	0.4/23.4	62515
2005 YD ₈₆	2009 09 22.9	23 59.91 +18 12.5 20.4	-0.81 - 3.6	5.3/29.1	96748
2003 FS ₉₁	2009 09 22.9	23 59.92 -09 25.2 20.2	-0.86 - 6.4	3.0/19.8	62370
2007 DY ₇₅	2009 09 22.9	23 59.92 -00 35.5 20.7	-0.77 - 5.7	0.2/22.8	62507
2004 VO ₂₅	2009 09 22.9	23 59.92 +13 45.0 19.4	-0.74 - 5.0	4.3/27.8	62411
2009 QM ₁₆	2009 09 22.9	23 59.95 -02 44.3 20.3	-0.79 - 6.3	1.0/22.1	62147
2002 VP ₁₄₂	2009 09 22.9	23 59.97 -06 12.1 20.9	-0.91 - 6.3	2.2/21.0	62362
2001 UG ₁₄₈	2009 09 23.0	00 00.03 +02 46.0 20.8	-0.88 - 6.6	0.9/23.9	62325
2005 PW	2009 09 23.0	00 00.03 +05 59.7 19.8	-0.97 - 4.4	2.2/25.0	62425
2001 VF ₁₉	2009 09 23.0	00 00.05 +06 23.2 20.0	-0.87 - 6.4	2.4/25.0	62327
2001 SD ₃₂₅	2009 09 23.0	00 00.08 -10 54.3 19.2	-0.90 - 4.3	4.4/19.5	40095
2004 DU ₆₀	2009 09 23.0	00 00.08 +01 21.8 21.4	-0.96 - 6.3	0.5/23.5	12869
2004 TM ₂₆₁	2009 09 23.0	00 00.09 -08 53.2 20.1	-0.82 - 2.6	2.8/20.3	62409
2005 TQ ₇₇	2009 09 23.0	00 00.10 -12 58.5 19.4	-1.14 + 3.1	5.9/20.0	62440
2005 US ₁₀₄	2009 09 23.0	00 00.12 -01 31.1 20.1	-0.80 - 6.2	0.5/22.5	62446
2007 EW ₁₀₆	2009 09 23.0	00 00.14 -08 58.3 19.7	-0.77 - 5.4	2.7/20.0	62513
2007 BG ₄₇	2009 09 23.0	00 00.15 +01 11.5 19.7	-0.90 - 3.0	0.4/23.4	62501
2005 UZ ₅₀	2009 09 23.0	00 00.16 -01 18.9 18.4	-0.86 - 2.8	0.6/22.7	61955
2002 TB ₃₂₀	2009 09 23.0	00 00.18 +01 31.3 20.1	-1.06 - 2.7	0.6/23.5	62359
2002 AU ₄₁	2009 09 23.0	00 00.24 +04 55.3 20.2	-0.84 - 5.6	1.6/24.7	60757
2008 GU ₉₉	2009 09 23.0	00 00.26 -05 07.1 21.1	-0.91 - 6.2	1.8/21.4	62534
2008 KH ₄₀	2009 09 23.0	00 00.26 -28 13.5 21.0	-0.85 - 2.4	7.7/13.8	40776
2006 VA ₆₃	2009 09 23.0	00 00.26 +06 51.0 20.3	-0.93 - 6.6	2.4/25.3	62492
2001 XE ₆₀	2009 09 23.0	00 00.27 -32 17.0 19.7	-0.94 - 4.6	10.8/10.4	62331
2005 NS ₅₅	2009 09 23.0	00 00.28 +14 57.0 18.1	-0.56 -10.5	7.2/29.5	62423
2002 RZ ₂₇₃	2009 09 23.0	23 59.93 +02 10.7 20.2	-0.92 + 0.8	1.2/23.6	61864
2005 NE ₅₄	2009 09 23.0	23 59.99 +05 47.2 20.5	-0.94 - 6.5	2.3/25.0	62423
2007 BX ₁₇	2009 09 23.1	00 00.28 +05 38.5 19.5	-0.91 - 2.9	1.8/24.8	62500
2004 TJ ₈₀	2009 09 23.1	00 00.28 +01 31.1 20.3	-0.82 - 3.0	0.4/23.6	62405
2001 TO ₂₅₈	2009 09 23.1	00 00.30 -27 26.2 19.5	-1.03 + 0.2	11.1/14.8	62324
2008 HJ ₄₆	2009 09 23.1	00 00.31 -04 20.6 21.1	-0.88 - 6.3	1.5/21.7	62537
2001 WU ₅	2009 09 23.1	00 00.34 +11 02.5 19.1	-0.85 - 5.0	4.7/26.7	62328
2007 BE ₃₄	2009 09 23.1	00 00.39 +02 33.8 20.8	-0.84 - 5.2	0.8/24.0	62500
2007 CS ₁₁	2009 09 23.1	00 00.42 +08 56.8 19.4	-0.89 - 6.3	3.4/26.1	62502
2001 WN ₁₉	2009 09 23.1	00 00.44 -01 26.1 19.5	-0.87 - 4.6	0.6/22.7	62329
2002 GH ₁₀₄	2009 09 23.1	00 00.45 -20 17.0 19.8	-0.79 - 3.4	5.7/16.3	19578
2005 UG ₇₇	2009 09 23.1	00 00.47 +08 05.2 19.0	-0.73 - 5.5	3.9/25.9	61958
2001 XT ₁₃₄	2009 09 23.1	00 00.58 +12 07.2 21.6	-0.77 - 5.1	2.9/27.3	20755
2006 ES ₄₈	2009 09 23.1	00 00.58 +03 16.8 21.0	-0.84 - 1.8	0.9/24.1	02306
2002 PK ₁₇₅	2009 09 23.1	00 00.59 -13 10.3 20.0	-0.63 - 7.3	3.7/18.1	62351
2005 QH ₇₉	2009 09 23.1	00 00.61 +09 28.3 19.2	-0.89 - 6.8	3.6/26.4	62427
2006 VQ ₇₈	2009 09 23.1	00 00.62 -11 49.6 19.5	-0.97 - 5.1	4.7/19.4	60878
2002 QZ ₉₁	2009 09 23.1	00 00.71 -10 08.3 19.7	-1.02 - 2.9	4.5/20.2	62352
2000 HA ₈₃	2009 09 23.2	00 00.63 -10 10.3 20.1	-0.94 - 3.7	3.7/20.1	62305
2004 GU ₇₃	2009 09 23.2	00 00.66 -10 01.9 20.4	-0.90 - 5.6	3.6/20.0	62391
2000 TP ₂₁	2009 09 23.2	00 00.69 -13 04.2 19.1	-0.74 - 9.6	5.3/18.0	62309
2002 XY ₃₄	2009 09 23.2	00 00.69 +01 31.1 20.0	-0.96 - 5.2	0.6/23.7	62363
2003 CT ₁₀	2009 09 23.2	00 00.72 -06 10.3 19.3	-0.96 - 4.9	2.4/21.2	60783

2005 UY ₃₃₂	2009 09 23.2	00 00.73 -00 13.0 20.7	-0.82 - 6.2	0.1/23.1	62452
2008 ES ₆₅	2009 09 23.2	00 00.77 +00 53.7 18.7	-0.84 -23.7	0.3/23.6	62078
2004 TB ₃₈	2009 09 23.2	00 00.79 -10 33.4 20.0	-0.84 - 2.0	2.9/20.0	62404
2008 DP ₈₅	2009 09 23.2	00 00.81 -05 27.5 19.6	-0.76 -10.8	2.1/21.2	43296
2000 CB ₉₉	2009 09 23.2	00 00.87 -02 13.2 21.1	-0.90 - 6.5	0.8/22.5	62302
2005 XZ ₇₃	2009 09 23.2	00 00.90 -35 36.2 19.9	-0.83 - 2.5	9.1/10.0	18165
2007 BJ ₆₂	2009 09 23.2	00 00.90 +27 53.2 21.3	-1.07 - 0.3	7.5/01.7	20847
2004 XQ ₈₄	2009 09 23.2	00 00.96 -04 51.9 20.4	-0.72 - 4.6	1.4/21.6	60820
2000 UG ₉₆	2009 09 23.2	00 00.97 +13 09.6 18.4	-0.80 - 5.1	5.2/27.7	62309
2005 YF ₁₈₅	2009 09 23.2	00 00.98 +06 37.4 20.5	-0.73 - 4.4	1.8/25.5	62472
2005 UT ₁₀₆	2009 09 23.2	00 00.98 +00 05.0 18.6	-0.71 - 7.9	0.0/23.3	62446
2006 WY ₈₅	2009 09 23.2	00 00.98 +08 29.9 19.8	-0.90 - 7.8	3.2/26.2	40705
2007 GA ₄	2009 09 23.2	00 00.99 -10 20.6 20.3	-0.69 - 6.7	3.1/19.5	62517
2005 YU ₁₅₅	2009 09 23.2	00 00.99 +28 56.1 20.1	-0.82 - 2.3	7.1/03.5	96804
2004 TP ₁₆	2009 09 23.2	00 01.06 +09 42.1 19.4	-0.78 - 4.1	3.1/26.5	62403
2001 TM ₆₁	2009 09 23.3	00 00.99 +02 59.0 18.9	-0.81 - 6.5	1.2/24.3	62322
2002 QF ₁₀₄	2009 09 23.3	00 01.03 -00 39.7 20.0	-0.84 -11.5	0.3/23.0	62352
2003 BB ₇₂	2009 09 23.3	00 01.08 +18 24.5 20.0	-0.88 - 4.4	5.3/29.6	62367
2006 BV ₂₆	2009 09 23.3	00 01.10 -11 39.3 19.7	-0.76 - 2.0	3.0/19.6	41840
2003 BJ ₂₆	2009 09 23.3	00 01.13 +10 03.7 19.7	-0.84 - 6.9	3.2/26.8	14695
2005 UO ₅₀	2009 09 23.3	00 01.13 +07 11.5 18.7	-0.78 - 6.4	3.0/25.8	62444
2004 WE ₆	2009 09 23.3	00 01.17 +11 18.0 19.5	-0.77 - 4.7	3.4/27.1	57407
2006 BC ₂₁₇	2009 09 23.3	00 01.20 -11 59.5 19.6	-0.78 - 4.3	3.9/19.3	62479
2001 VZ ₈₃	2009 09 23.3	00 01.21 -05 01.4 18.6	-1.17 + 2.9	2.3/22.2	62327
2004 XB ₁₁₁	2009 09 23.3	00 01.23 +26 08.3 18.8	-0.79 - 3.9	8.4/03.0	62415
2004 TU ₃₀₈	2009 09 23.3	00 01.24 +15 08.2 19.6	-0.79 - 4.4	4.6/28.5	62409
2006 BC ₁₉₃	2009 09 23.3	00 01.24 -11 46.1 21.1	-0.68 - 7.4	3.2/18.9	21174
2001 SF ₂₄₆	2009 09 23.3	00 01.26 -04 36.7 18.8	-0.91 + 0.3	2.4/22.1	62320
2008 GP ₄₀	2009 09 23.3	00 01.26 -12 57.7 21.0	-1.05 - 3.7	5.0/19.4	40576
2007 CN ₄₆	2009 09 23.3	00 01.26 -05 11.6 20.2	-0.92 - 7.2	2.0/21.6	26774
2008 GC ₇₃	2009 09 23.3	00 01.30 -00 26.2 19.4	-0.80 - 7.5	0.2/23.2	62534
2005 SG ₁₂₀	2009 09 23.3	00 01.30 +04 12.3 20.3	-0.67 -14.6	1.6/25.0	62434
2006 VZ ₆₃	2009 09 23.3	00 01.34 -07 42.7 19.6	-0.94 - 4.4	3.9/20.9	62492
2005 SR ₂₆₄	2009 09 23.3	00 01.37 +02 20.9 19.6	-0.80 - 5.6	1.0/24.1	62438
2001 TF ₂₁₀	2009 09 23.3	00 01.37 +15 23.3 18.9	-0.95 - 2.6	6.4/28.1	62323
2005 GY ₁₀₉	2009 09 23.3	00 01.37 +07 03.5 20.1	-0.92 -10.2	2.7/25.9	62418
2005 SN ₅₁	2009 09 23.3	00 01.37 +05 36.3 19.5	-0.78 - 8.7	2.0/25.4	62432
2008 GN ₄₀	2009 09 23.3	00 01.39 -05 29.4 20.4	-0.80 - 7.1	2.2/21.4	39058
2005 TT ₁₃₄	2009 09 23.3	00 01.39 -05 47.8 20.1	-0.99 - 0.4	2.6/21.8	11138
2006 BV ₁₁₂	2009 09 23.3	00 01.41 -07 28.7 21.1	-0.70 - 5.0	2.1/20.8	62477
2002 SM ₄₄	2009 09 23.4	00 01.35 -07 25.4 19.0	-1.04 - 1.7	3.4/21.3	62356
2003 HP ₂₇	2009 09 23.4	00 01.35 -47 59.7 19.7	-1.40 + 1.5	21.3/05.0	60786
2008 MA ₅	2009 09 23.4	00 01.36 +51 21.1 18.6	-1.17 - 0.2	18.3/15.0	41701
2005 TX ₈₁	2009 09 23.4	00 01.41 +06 32.8 20.4	-0.81 - 7.2	2.0/25.7	62440
2001 VP ₈₅	2009 09 23.4	00 01.43 +01 11.8 19.7	-0.90 - 4.3	0.4/23.7	62327
2004 EF ₁₂	2009 09 23.4	00 01.50 -05 39.3 20.2	-0.89 - 6.4	2.0/21.5	39196
2007 GF ₆₅	2009 09 23.4	00 01.51 -02 09.3 21.1	-0.75 - 3.9	0.6/22.7	62519
2007 EA ₁₂₀	2009 09 23.4	00 01.52 -12 55.5 20.1	-0.83 - 2.6	4.0/19.3	26259
2005 VD ₃	2009 09 23.4	00 01.53 -11 39.3 19.4	-0.88 - 3.8	4.2/19.7	62456
2005 EM ₇₆	2009 09 23.4	00 01.55 -01 20.6 18.1	-0.66 -13.0	0.8/22.8	62417
2008 FS ₁₁₁	2009 09 23.4	00 01.59 -14 22.5 20.1	-0.83 - 4.6	5.2/18.6	41578

2005 MO ₁₂	2009 09 23.4	00 01.59 +10 41.5 19.5	-0.98 - 4.7	4.1/26.8	62421
2007 BJ ₂₀	2009 09 23.4	00 01.60 +20 04.1 19.9	-1.36 + 2.6	7.7/27.8	62500
1999 UD ₅₄	2009 09 23.4	00 01.62 -11 49.1 21.3	-0.81 - 2.9	3.5/19.6	19047
2005 JG ₅₅	2009 09 23.4	00 01.64 -13 03.5 20.7	-0.97 - 5.8	5.3/19.2	56989
2005 UE ₈₉	2009 09 23.4	00 01.66 +18 17.6 20.2	-0.81 - 6.3	5.3/30.1	01039
2006 VU ₆₀	2009 09 23.4	00 01.67 +04 24.2 20.3	-0.95 - 6.5	1.6/24.8	60878
2002 HR ₃	2009 09 23.4	00 01.68 -13 44.9 20.0	-0.72 - 5.5	3.8/18.6	19579
2008 EB ₅₁	2009 09 23.4	00 01.71 +02 30.5 20.9	-0.93 - 6.1	0.8/24.2	62527
2008 GL ₁	2009 09 23.4	00 01.78 -04 20.5 19.1	-1.03 - 0.8	1.7/22.3	62532
2001 VA ₇₆	2009 09 23.4	00 01.79 -04 51.0 20.9	-1.23 - 4.9	2.0/22.1	62327
2005 VN ₁₂₆	2009 09 23.4	00 01.80 -07 45.8 20.2	-1.05 - 0.3	3.2/21.4	21611
2005 UT ₃₉₀	2009 09 23.4	00 01.80 -19 22.4 19.3	-1.04 + 1.3	8.3/18.4	62453
2004 VV ₉₉	2009 09 23.5	00 01.73 +00 54.5 20.8	-0.73 - 5.0	0.2/23.8	62413
2008 EK ₁₅₁	2009 09 23.5	00 01.73 -02 40.1 20.1	-0.84 - 7.1	1.0/22.5	62529
2005 YM ₁₈₆	2009 09 23.5	00 01.75 -33 47.6 20.0	-0.75 - 6.6	9.0/09.2	98064
2002 EZ ₁₁₈	2009 09 23.5	00 01.77 +07 39.2 21.0	-0.87 - 3.6	2.2/25.8	31983
2008 FU ₁₀₆	2009 09 23.5	00 01.78 -05 06.0 20.8	-0.98 - 5.5	2.2/21.9	60903
2008 FF ₁₂₈	2009 09 23.5	00 01.82 -02 59.8 21.0	-0.90 - 6.2	1.1/22.5	62532
2007 EN ₉₂	2009 09 23.5	00 01.82 +11 00.1 19.9	-0.85 - 4.0	3.3/27.0	62512
2006 YT ₄₃	2009 09 23.5	00 01.83 -13 31.5 19.4	-1.00 - 4.7	6.0/19.1	62498
2000 UF ₁₈	2009 09 23.5	00 01.84 -12 57.0 18.4	-0.77 - 4.9	5.4/19.0	62309
2007 AS ₂₅	2009 09 23.5	00 01.85 -21 35.1 20.5	-0.85 - 5.4	6.3/15.8	22869
2000 QO ₂₈	2009 09 23.5	00 01.88 +05 14.7 18.1	-1.05 + 1.4	2.2/25.0	62305
2000 GY ₁₂₀	2009 09 23.5	00 01.88 -00 21.9 21.2	-0.87 - 6.7	0.2/23.3	62304
2001 TP ₂₀₄	2009 09 23.5	00 01.88 -06 42.7 19.1	-0.66 - 9.4	3.2/20.9	62323
1994 SV ₁₁	2009 09 23.5	00 01.90 -04 51.5 19.7	-0.82 - 3.5	1.7/21.9	54042
2003 EL ₄₁	2009 09 23.5	00 02.00 -22 00.9 20.5	-0.90 - 4.3	7.2/15.9	19594
2006 YP ₄	2009 09 23.5	00 02.02 -03 01.3 20.8	-0.92 - 6.4	1.2/22.5	19693
2007 DO ₇₀	2009 09 23.5	00 02.07 +01 10.9 20.3	-0.86 - 3.8	0.3/23.9	62047
2007 BR ₆₇	2009 09 23.5	00 02.08 -04 22.7 20.3	-0.85 - 3.9	1.5/22.1	62501
2006 WY ₈₆	2009 09 23.5	00 02.09 -45 30.7 18.8	-1.25 + 4.3	19.8/07.6	62494
2003 HF ₄₉	2009 09 23.5	00 02.10 -05 58.9 20.5	-0.79 - 5.3	1.8/21.5	16255
2006 BG ₆₁	2009 09 23.5	00 02.11 -24 09.9 19.3	-0.84 - 2.2	7.5/15.4	62477
2005 GE ₂₀	2009 09 23.5	00 02.12 -14 30.7 20.5	-1.07 - 3.5	5.9/19.3	33436
2006 PQ ₃₆	2009 09 23.5	00 02.14 -35 35.6 19.8	-1.02 -11.3	14.1/07.8	62484
2004 EE ₈₈	2009 09 23.6	00 02.09 +00 32.9 21.9	-0.85 - 8.4	0.1/23.7	62388
2003 GE ₄₃	2009 09 23.6	00 02.10 -20 27.3 21.3	-0.83 - 5.3	5.8/16.4	16253
2002 TO ₃₈₁	2009 09 23.6	00 02.11 +01 59.1 19.7	-0.70 -10.3	0.8/24.3	61868
2004 TK ₁₁₇	2009 09 23.6	00 02.11 -05 09.7 19.2	-0.78 - 4.8	1.9/21.8	60815
2009 QL ₄₁	2009 09 23.6	00 02.13 -00 38.3 18.5	-0.91 - 3.6	0.4/23.4	62166
2005 UC ₅₆	2009 09 23.6	00 02.15 +14 24.1 19.0	-0.79 - 7.9	5.1/28.8	62444
2006 DD ₁₈₆	2009 09 23.6	00 02.16 -04 33.0 20.9	-0.70 - 3.9	1.3/22.0	60861
2004 CS ₆₁	2009 09 23.6	00 02.20 -02 13.1 19.9	-1.04 - 4.0	1.0/22.9	62384
2003 FP ₂	2009 09 23.6	00 02.21 -24 04.5 19.4	-1.49 +10.6	11.2/21.3	48341
2003 QS ₇₄	2009 09 23.6	00 02.23 +16 28.3 18.8	-0.83 - 2.4	5.1/28.9	62374
2007 BR ₁₄	2009 09 23.6	00 02.24 +03 19.4 20.3	-0.88 - 4.1	1.0/24.6	62500
2003 GM ₂₂	2009 09 23.6	00 02.25 +17 03.6 19.0	-0.90 -20.2	7.2/30.7	62371
2001 YT ₅₁	2009 09 23.6	00 02.28 -24 26.6 19.7	-0.92 - 3.1	8.4/15.3	16194
2003 ED ₃	2009 09 23.6	00 02.32 -08 11.7 21.1	-0.83 - 5.5	2.5/20.8	62369
2001 EE ₁₇	2009 09 23.6	00 02.32 -38 02.8 20.5	-0.84 - 2.4	8.7/09.0	21303
2008 ER ₅	2009 09 23.6	00 02.33 +00 16.1 20.7	-0.94 - 5.7	0.0/23.7	62526

2004 VX ₃₅	2009 09 23.6	00 02.34 +03 49.4 19.2	-0.74 - 5.2	1.3/24.9	62411
2002 DF ₃	2009 09 23.6	00 02.35 -20 07.4 20.5	-0.84 - 2.1	4.9/17.4	35808
2001 TV ₃₆	2009 09 23.6	00 02.38 -04 27.2 18.3	-1.01 + 0.2	2.1/22.4	62321
2007 DB ₉₃	2009 09 23.6	00 02.40 +04 06.0 20.1	-0.88 - 3.7	1.3/24.9	62508
2001 UJ ₂₂₇	2009 09 23.6	00 02.44 -07 30.1 20.7	-0.88 - 5.5	2.9/21.1	62326
2006 DZ ₅₀	2009 09 23.6	00 02.45 +02 22.1 20.1	-0.66 - 6.8	0.5/24.5	62013
2005 YO ₈₄	2009 09 23.6	00 02.45 -19 01.7 19.5	-0.78 - 4.6	6.2/17.0	62470
2005 EK ₁₆₉	2009 09 23.6	00 02.46 -15 59.3 18.9	-0.76 -24.5	6.9/16.3	62417
2002 WG ₁₀	2009 09 23.6	00 02.49 -05 56.1 18.4	-0.75 - 7.6	3.0/21.5	62363
2009 QY ₅	2009 09 23.7	00 02.43 +08 52.0 18.8	-0.98 - 0.1	3.0/26.1	62137
1997 YN ₁	2009 09 23.7	00 02.44 -18 39.3 18.6	-0.83 - 9.3	7.0/16.3	62294
1996 XK ₃₅	2009 09 23.7	00 02.45 -12 19.3 21.1	-1.04 - 4.1	5.0/19.9	41068
2004 FX ₁₁₈	2009 09 23.7	00 02.50 -07 05.5 20.2	-0.97 - 5.1	2.6/21.4	62390
2004 RX ₂₆₉	2009 09 23.7	00 02.50 +00 33.3 20.6	-0.74 - 6.9	0.1/23.8	61899
2005 YP ₁₄₂	2009 09 23.7	00 02.54 -05 00.2 20.2	-0.78 - 4.8	1.7/22.0	26117
2005 TU ₅₂	2009 09 23.7	00 02.57 -01 21.9 19.7	-0.91 - 3.9	0.6/23.2	62440
2006 AL ₆₆	2009 09 23.7	00 02.58 -06 08.7 19.0	-0.73 - 5.5	2.4/21.5	62006
2009 QK ₁₅	2009 09 23.7	00 02.61 +00 23.3 20.5	-0.76 - 3.8	0.0/23.8	62147
2005 YW ₁₉₉	2009 09 23.7	00 02.63 +16 51.1 20.6	-0.75 - 3.5	4.1/29.4	62472
2007 BW ₇₄	2009 09 23.7	00 02.63 +02 41.3 20.6	-0.87 - 5.3	0.8/24.5	62502
2001 XQ ₁	2009 09 23.7	00 02.64 -21 43.7 15.8	-2.44 +21.8	12.4/22.9	62330
2004 KM ₁₆	2009 09 23.7	00 02.67 +04 05.3 20.2	-0.77 -10.3	1.3/25.2	60804
2005 YE ₁₈₁	2009 09 23.7	00 02.71 +49 19.7 18.7	-1.80 +22.7	26.7/18.0	98063
2004 FJ ₃₂	2009 09 23.7	00 02.75 -35 29.2 21.1	-1.06 - 3.4	10.6/10.8	32971
2002 JD ₁₃₅	2009 09 23.7	00 02.81 -09 00.3 19.8	-0.82 - 2.7	2.7/20.9	62348
2004 TV ₁₇₅	2009 09 23.7	00 02.82 -10 15.1 19.4	-0.81 - 2.7	3.1/20.5	62407
2001 SS ₂₇₅	2009 09 23.7	00 02.83 +01 19.8 20.8	-0.74 -11.6	0.4/24.2	16170
1999 AE ₁₁	2009 09 23.7	00 02.83 -03 30.4 21.1	-0.86 - 6.2	1.2/22.5	62296
2006 VC ₁₃₇	2009 09 23.7	00 02.84 -04 30.8 20.9	-0.95 - 5.2	1.7/22.3	60879
2009 QM ₁₅	2009 09 23.7	00 02.84 -01 20.5 20.6	-0.82 - 5.6	0.6/23.2	62147
1999 TH ₃₂₈	2009 09 23.7	00 02.85 +01 37.3 19.8	-0.86 - 2.7	0.4/24.2	62298
2004 FK ₁₂₆	2009 09 23.8	00 02.82 -00 09.5 20.7	-0.89 - 6.7	0.2/23.7	40685
2005 WL ₈₇	2009 09 23.8	00 02.84 -05 40.1 19.4	-0.79 - 4.7	2.1/21.8	62462
2002 AO ₁₄₈	2009 09 23.8	00 02.87 +14 35.4 21.1	-0.44 - 1.8	1.8/29.0	47197
2005 VN ₂₅	2009 09 23.8	00 02.88 +06 10.2 19.8	-0.88 - 5.0	2.0/25.7	60849
2005 SP ₂₆₀	2009 09 23.8	00 02.91 +08 33.0 20.3	-0.78 - 9.4	2.7/26.9	62438
2002 HA ₁₅	2009 09 23.8	00 02.95 -04 02.8 20.1	-0.76 - 4.6	1.3/22.4	62347
2001 WA	2009 09 23.8	00 03.00 +09 42.9 19.0	-0.86 - 5.4	3.3/26.9	62328
2007 CY ₆₅	2009 09 23.8	00 03.02 +05 52.8 17.5	-0.78 - 1.3	3.0/25.5	62504
2007 JH ₃₅	2009 09 23.8	00 03.03 +24 13.7 20.2	-0.68 - 7.7	5.7/03.5	41875
2000 DT ₁₀₈	2009 09 23.8	00 03.05 -16 05.8 19.5	-0.72 - 7.0	4.9/17.7	62303
2000 CT ₁₃₀	2009 09 23.8	00 03.08 -05 55.1 19.1	-0.68 - 6.1	2.3/21.6	62302
2005 YV ₆₇	2009 09 23.8	00 03.10 +12 40.6 20.2	-0.79 - 3.7	3.6/28.0	98044
2006 BZ ₆₈	2009 09 23.8	00 03.11 -11 30.9 19.2	-0.76 - 4.8	4.2/19.8	62477
2000 DX ₈₅	2009 09 23.8	00 03.16 +06 40.3 19.3	-0.90 - 1.0	1.8/25.7	62303
2006 YT ₉	2009 09 23.8	00 03.17 +07 17.5 19.6	-0.95 - 5.6	2.9/26.1	62497
2001 SF ₃₀₅	2009 09 23.8	00 03.18 +00 47.7 19.3	-1.12 + 1.0	0.2/24.0	60744
2001 UL ₁₂₀	2009 09 23.8	00 03.19 -09 35.0 19.5	-0.87 - 4.3	4.3/20.7	62325
2009 QN ₄₄	2009 09 23.8	00 03.20 -00 45.8 18.8	-0.57 - 9.9	0.5/23.5	62167
2004 DJ ₄₇	2009 09 23.8	00 03.20 -00 17.8 20.4	-0.91 - 6.5	0.2/23.7	60798
2002 TA ₁₃₂	2009 09 23.8	00 03.21 +07 49.2 19.2	-1.02 - 3.9	3.1/26.2	62358

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2005 TE ₁₇₈	2009 09 23.8	00 03.21 -03 40.6 20.4 -0.82 - 7.1	1.6/22.5	61950
2004 YW	2009 09 23.8	00 03.22 +28 27.7 20.8 -0.92 - 1.3	6.7/02.6	73715
2006 VF ₁₅₀	2009 09 23.9	00 03.17 -09 10.8 20.4 -1.02 - 4.7	3.8/21.0	40168
2005 VZ ₈	2009 09 23.9	00 03.17 +02 12.1 20.4 -0.75 - 5.9	0.8/24.5	61980
1999 XS ₂₅₉	2009 09 23.9	00 03.18 -26 48.7 19.6 -0.90 - 1.2	8.6/15.0	10720
2007 CR ₂	2009 09 23.9	00 03.19 +06 52.4 21.1 -0.94 - 4.6	2.3/25.9	18193
2004 BH ₁₀₈	2009 09 23.9	00 03.25 -05 19.5 20.2 -0.98 - 4.8	2.1/22.2	60795
2006 DZ ₇₂	2009 09 23.9	00 03.27 -00 55.0 20.4 -0.69 - 5.9	0.3/23.5	62013
2004 QL ₉	2009 09 23.9	00 03.28 -05 14.6 18.5 -0.92 - 1.3	2.1/22.3	62396
2001 VB ₃₂	2009 09 23.9	00 03.29 +08 20.1 18.7 -0.84 - 5.5	3.1/26.6	62327
2005 TC ₄₂	2009 09 23.9	00 03.30 -01 49.3 19.6 -1.10 - 1.8	0.9/23.3	62439
2004 BW ₄₄	2009 09 23.9	00 03.34 +35 53.8 20.3 -1.16 - 2.6	11.1/06.9	62382
2005 YW ₅₇	2009 09 23.9	00 03.34 -03 57.7 21.4 -0.73 - 4.5	1.2/22.5	62469
2007 DF ₃₄	2009 09 23.9	00 03.34 +00 54.4 21.1 -0.84 - 4.5	0.2/24.1	20849
2007 AF ₁₁	2009 09 23.9	00 03.35 -06 02.8 20.4 -0.89 - 7.5	2.3/21.8	18185
1995 WG ₁₄	2009 09 23.9	00 03.41 -11 23.8 21.0 -0.78 - 5.2	3.8/20.0	93699
1999 TG ₁₆₇	2009 09 23.9	00 03.42 +09 33.0 19.0 -0.84 - 8.7	4.1/27.3	62298
2007 DG ₂₀	2009 09 23.9	00 03.44 -05 19.4 20.2 -0.75 - 7.0	1.9/22.0	19355
2007 CO ₂₉	2009 09 23.9	00 03.46 +05 06.5 20.8 -0.93 - 5.0	1.6/25.5	62503
2009 PR ₁₅	2009 09 23.9	00 03.49 -01 01.1 19.7 -0.76 -10.6	0.5/23.5	62132
2008 FR ₉₄	2009 09 23.9	00 03.55 -07 46.6 19.9 -0.84 - 4.9	2.9/21.3	40564
2007 DW ₄₀	2009 09 23.9	00 03.56 -02 11.2 21.2 -0.80 - 7.8	0.8/23.1	62506
2008 LV ₁₅	2009 09 23.9	00 03.58 -12 18.5 20.8 -0.93 - 6.8	4.8/19.7	41698
2002 CX ₂₀₆	2009 09 24.0	00 03.51 -11 20.2 19.9 -0.75 - 6.5	3.5/19.8	19571
2007 FW ₃₉	2009 09 24.0	00 03.53 -15 19.5 21.7 -0.76 - 3.0	3.7/18.9	58892
2007 CN ₂₀	2009 09 24.0	00 03.57 +00 36.5 19.1 -0.84 - 6.1	0.1/24.1	62503
2006 WX ₃₅	2009 09 24.0	00 03.59 -07 33.1 20.5 -0.90 - 7.8	3.7/21.3	10553
2004 DC ₄₃	2009 09 24.0	00 03.65 -07 04.6 19.9 -0.93 - 7.5	2.9/21.5	62386
2004 TL ₃₄₄	2009 09 24.0	00 03.69 +11 26.4 18.9 -0.69 - 7.9	3.7/28.2	62410
2007 DT ₆₇	2009 09 24.0	00 03.71 -01 32.8 21.3 -0.81 - 5.1	0.6/23.4	62507
2005 SY ₃₈	2009 09 24.0	00 03.71 +02 01.3 20.6 -0.84 - 7.3	0.6/24.6	61933
2009 SW ₄₉	2009 09 24.0	00 03.71 +02 33.8 18.7 -1.22 + 5.4	1.1/24.5	62208
2005 UX ₅₇	2009 09 24.0	00 03.72 -02 16.9 20.2 -0.88 - 3.9	1.0/23.2	61956
2004 PV ₉₂	2009 09 24.0	00 03.74 +07 15.7 19.2 -0.87 - 2.6	2.4/26.2	62395
2005 TC ₃₄	2009 09 24.0	00 03.81 -08 14.7 20.9 -1.02 - 1.7	3.5/21.6	21841
2006 BW ₂₄₄	2009 09 24.0	00 03.81 -04 02.8 21.5 -0.77 - 5.0	1.3/22.6	62479
2004 PU ₅₉	2009 09 24.0	00 03.84 -00 06.3 18.5 -0.72 - 6.8	0.2/23.9	61893
2005 WH ₆₀	2009 09 24.0	00 03.92 -03 29.8 19.5 -0.72 -10.5	1.3/22.6	62461
2007 BP ₅₈	2009 09 24.0	00 03.93 -05 13.1 20.6 -0.79 - 7.4	1.7/22.1	22871
2007 AO ₁₇	2009 09 24.0	00 03.94 -14 47.0 21.2 -0.79 - 6.3	4.2/18.7	59784
2002 XC ₃₅	2009 09 24.1	00 03.90 -15 36.0 19.9 -0.84 - 6.2	5.0/18.6	62363
2005 UE ₇₉	2009 09 24.1	00 03.98 +12 48.8 18.8 -0.67 -11.4	4.9/29.1	61959
2006 WM ₃₄	2009 09 24.1	00 03.98 +01 11.8 20.6 -0.91 - 7.8	0.3/24.4	60880
2005 YY ₁₃₇	2009 09 24.1	00 04.00 +27 07.5 21.4 -0.85 - 2.8	7.5/03.7	96791
2005 UY ₅₀₉	2009 09 24.1	00 04.04 -05 22.3 18.6 -1.15 + 4.9	2.8/22.9	61979
2005 VS ₁₀₈	2009 09 24.1	00 04.05 +11 50.0 18.5 -0.66 - 3.5	5.9/28.1	61984
2004 RY ₁₄₉	2009 09 24.1	00 04.05 +00 41.9 19.6 -0.90 - 2.0	0.1/24.2	60809
2008 FV ₁₀₂	2009 09 24.1	00 04.06 -06 24.7 20.3 -0.78 - 8.2	2.5/21.7	40206
2004 CY ₄₈	2009 09 24.1	00 04.12 -09 45.1 19.7 -0.89 - 7.2	3.7/20.7	62384
2005 QE ₃₁	2009 09 24.1	00 04.15 -05 41.8 18.8 -0.95 - 2.5	2.7/22.4	62426
2006 WV ₁₉₈	2009 09 24.1	00 04.17 -05 00.2 21.3 -0.95 - 5.7	2.0/22.4	24140

2003 EW ₂₄	2009 09 24.1	00 04.19 -00 29.2 20.6 -0.76 - 8.8	0.3/23.8	62369
2004 CP ₉₅	2009 09 24.1	00 04.20 +00 05.3 20.6 -0.93 - 6.0	0.1/24.1	60797
2005 XZ ₅₈	2009 09 24.1	00 04.23 -03 56.3 20.3 -0.83 - 5.0	1.4/22.7	62466
2003 GS ₂₈	2009 09 24.1	00 04.27 -08 55.5 21.3 -0.96 - 2.5	2.9/21.4	21794
2002 RZ ₁₅₂	2009 09 24.1	00 04.27 +12 31.5 18.4 -0.96 - 4.0	5.5/28.0	62354
1995 FZ ₁₉	2009 09 24.1	00 04.28 -01 21.7 20.8 -0.74 - 3.4	0.5/23.6	62291
2005 YU ₄₈	2009 09 24.2	00 04.22 +09 37.8 20.6 -0.74 - 3.7	2.4/27.3	62469
2006 CJ ₁₅	2009 09 24.2	00 04.24 -07 35.4 20.1 -0.69 - 6.2	2.2/21.3	60860
2002 CB ₂₅₇	2009 09 24.2	00 04.29 -12 07.8 19.6 -0.80 - 5.8	4.2/19.9	62342
2007 AE ₂₇	2009 09 24.2	00 04.32 +02 42.7 19.8 -0.93 - 5.0	1.0/24.9	62499
2004 SS ₂₁	2009 09 24.2	00 04.32 +07 15.6 19.4 -0.90 - 2.8	2.3/26.3	62402
2002 VH ₉₀	2009 09 24.2	00 04.39 +09 46.7 18.9 -0.65 -10.4	4.5/27.9	61872
1998 RM ₂₃	2009 09 24.2	00 04.40 +00 52.6 17.7 -0.86 - 0.1	0.2/24.4	62294
2006 BW ₈₆	2009 09 24.2	00 04.46 -02 21.4 21.3 -0.72 - 4.5	0.8/23.3	62477
2003 FT ₆₁	2009 09 24.2	00 04.47 -09 22.9 20.6 -0.87 - 5.3	3.2/21.0	19100
2008 HW ₅₁	2009 09 24.2	00 04.57 +09 54.3 20.1 -0.70 - 8.1	3.4/27.8	62537
2008 DB ₃₄	2009 09 24.2	00 04.59 -00 02.8 20.9 -0.96 - 6.3	0.2/24.1	60898
2004 TM ₃₄	2009 09 24.2	00 04.59 +07 16.5 19.1 -0.70 - 7.8	2.2/26.8	62404
2007 HB ₈₁	2009 09 24.2	00 04.60 -22 25.6 19.8 -0.97 + 0.6	6.9/17.7	20661
2005 YX ₆₉	2009 09 24.2	00 04.63 +07 47.2 20.8 -0.75 - 4.0	2.0/26.7	98044
2001 YH ₁₃₄	2009 09 24.2	00 04.64 +19 30.4 19.4 -0.93 - 2.7	7.6/30.3	62336
2005 UF ₁₆₂	2009 09 24.2	00 04.67 -19 26.6 19.0 -0.90 - 2.5	7.7/18.1	62448
2002 AE ₃	2009 09 24.2	00 04.70 -31 37.5 18.9 -1.67 + 8.0	16.2/18.0	04190
2001 XM ₁₁₆	2009 09 24.3	00 04.58 -08 53.2 19.4 -0.91 - 2.9	4.4/21.4	97523
2004 TM ₂₂₈	2009 09 24.3	00 04.59 +09 07.0 20.6 -0.70 - 7.8	2.6/27.5	62408
2003 ED ₈	2009 09 24.3	00 04.60 +02 02.5 20.7 -0.79 - 7.3	0.5/24.8	62369
2005 XA ₁₀₉	2009 09 24.3	00 04.61 +04 53.6 20.7 -0.79 - 6.0	1.4/25.8	61998
2006 VT ₇₅	2009 09 24.3	00 04.62 -11 24.1 20.1 -1.00 - 5.0	4.7/20.5	56081
2004 XB ₁₆₄	2009 09 24.3	00 04.63 -24 00.5 19.3 -0.78 - 3.9	6.3/15.4	62415
2007 AY ₂₀	2009 09 24.3	00 04.67 -04 25.2 21.4 -0.79 - 5.9	1.5/22.7	62499
2005 QD ₁₈₃	2009 09 24.3	00 04.67 +00 11.4 19.4 -0.94 - 4.3	0.1/24.2	62429
2009 QQ ₁₆	2009 09 24.3	00 04.67 +01 47.2 18.9 -1.06 + 0.5	0.5/24.6	62148
2005 UB ₅₁₇	2009 09 24.3	00 04.72 +03 02.0 20.9 -0.77 -10.8	0.9/25.0	61980
2005 UU ₂₇₄	2009 09 24.3	00 04.72 +22 35.5 18.2 -0.65 - 8.6	9.7/03.6	61972
2004 FF ₁₁₁	2009 09 24.3	00 04.72 +07 27.3 20.3 -0.85 - 8.0	2.2/26.8	61889
2007 DC ₉₁	2009 09 24.3	00 04.74 +03 18.8 20.5 -0.86 - 4.1	0.9/25.2	62508
2007 EM ₁₂₇	2009 09 24.3	00 04.81 +00 18.0 19.8 -0.76 - 5.4	0.1/24.3	60891
2005 TS ₅₆	2009 09 24.3	00 04.88 +03 08.4 19.9 -0.99 - 1.3	1.2/25.0	62440
2005 YY ₅₈	2009 09 24.3	00 04.91 -04 57.2 20.0 -0.77 - 5.1	1.9/22.5	98042
2005 UB ₄₁₆	2009 09 24.3	00 04.92 +00 40.1 21.0 -0.78 - 6.8	0.0/24.4	22525
2001 YN ₃₃	2009 09 24.3	00 04.94 -31 26.4 19.3 -0.98 + 1.8	14.3/14.0	62334
2002 RN ₁₇₅	2009 09 24.3	00 04.96 +10 00.1 18.7 -0.73 - 7.9	4.7/27.9	61861
2000 RK ₂₇	2009 09 24.3	00 04.96 +12 11.3 17.3 -0.60 - 7.9	5.4/29.0	62306
2006 AJ ₈	2009 09 24.3	00 04.96 -04 56.9 19.6 -0.82 - 2.6	1.6/22.7	62474
2007 AB ₁₁	2009 09 24.3	00 04.96 -20 18.7 19.7 -0.85 - 8.6	8.5/16.3	38970
2000 AU ₁₀₇	2009 09 24.3	00 04.97 -20 04.6 18.7 -0.77 - 6.1	6.6/16.6	62301
2006 BP ₈₆	2009 09 24.3	00 05.00 +02 49.6 21.9 -0.74 - 3.8	0.6/25.1	62009
2007 EX ₁₅₂	2009 09 24.3	00 05.01 -06 27.2 20.1 -0.76 - 4.9	2.1/22.1	60891
2008 KF ₁₅	2009 09 24.3	00 05.02 +05 31.7 20.2 -0.87 - 8.8	2.0/26.1	62096
2005 UK ₄₈₅	2009 09 24.4	00 04.94 -27 17.7 19.9 -1.03 - 0.9	11.7/14.9	21848
2001 SE ₃₀₁	2009 09 24.4	00 04.98 +09 13.4 18.9 -0.87 - 5.4	3.5/27.3	62320

2009 PO ₁₆	2009 09 24.4	00 04.99 +09 09.4 18.3	-1.14 + 5.2	4.3/26.2	62132
2008 EW ₄₁	2009 09 24.4	00 05.02 -04 37.0 20.7	-1.08 - 2.8	2.1/23.0	62527
2005 UP ₄₃₀	2009 09 24.4	00 05.03 +04 49.8 21.6	-0.79 - 5.2	1.2/25.9	62454
2008 FP ₅₇	2009 09 24.4	00 05.03 -02 27.5 21.0	-0.98 - 5.1	1.1/23.5	62530
2004 TJ ₂₁₂	2009 09 24.4	00 05.11 -01 57.1 20.8	-0.73 - 4.6	0.7/23.6	62408
2002 VU ₁₀₂	2009 09 24.4	00 05.12 +02 06.4 19.2	-0.94 - 4.3	0.7/24.9	62362
2004 PT ₃₅	2009 09 24.4	00 05.12 -10 54.2 19.3	-0.75 - 5.6	4.5/20.5	62394
2007 CX ₃₇	2009 09 24.4	00 05.12 +05 32.9 20.3	-0.87 - 3.8	1.6/26.0	62041
2008 AT ₁₀₂	2009 09 24.4	00 05.13 -13 43.7 19.6	-0.79 - 8.0	5.0/19.3	62522
2007 BX ₆	2009 09 24.4	00 05.16 -13 36.3 20.6	-0.77 - 7.6	4.3/19.3	62500
2004 TZ ₃₆₁	2009 09 24.4	00 05.17 +14 31.3 19.4	-0.74 - 6.5	4.2/29.5	62410
2002 GF ₁₄₂	2009 09 24.4	00 05.20 -09 56.2 19.7	-0.79 - 3.6	3.0/21.1	62347
2005 GV ₅₆	2009 09 24.4	00 05.20 -01 55.1 21.0	-1.00 - 6.8	1.0/23.7	39213
2008 JK ₂₀	2009 09 24.4	00 05.21 -27 02.2 20.0	-0.82 - 2.7	8.9/15.2	40221
2005 UM ₄₈₃	2009 09 24.4	00 05.21 -01 26.4 19.5	-0.80 - 8.5	0.8/23.7	62455
2004 TT ₃₄₆	2009 09 24.4	00 05.22 +13 00.0 19.3	-0.72 - 6.9	4.2/29.1	62410
2005 NE ₃₄	2009 09 24.4	00 05.22 -20 59.9 19.9	-0.84 - 8.8	8.7/16.0	39216
2005 YK ₁₆₈	2009 09 24.4	00 05.24 -16 44.2 20.9	-0.67 - 6.3	4.1/18.0	41837
2003 OK ₃₂	2009 09 24.4	00 05.24 +08 14.4 20.9	-0.80 - 3.4	2.5/26.9	61879
2006 EC ₃₉	2009 09 24.4	00 05.24 +09 03.6 20.0	-0.67 - 9.8	2.2/27.7	62482
2006 CB ₂	2009 09 24.4	00 05.31 +06 26.5 20.3	-0.81 - 2.7	1.7/26.3	62012
2001 BB ₁₈	2009 09 24.4	00 05.36 -16 15.1 19.5	-0.69 - 6.4	4.2/18.3	19533
1999 FP ₈₄	2009 09 24.4	00 05.37 +08 35.3 20.5	-0.84 - 6.2	2.5/27.2	62297
2005 VA ₁₀₃	2009 09 24.5	00 05.31 +10 53.3 18.4	-0.80 + 0.7	5.5/27.4	61984
2008 HO ₄₉	2009 09 24.5	00 05.32 +09 38.0 19.4	-0.86 - 6.0	3.0/27.6	62537
2004 VY ₉	2009 09 24.5	00 05.32 -02 30.9 18.5	-0.66 - 7.1	1.2/23.4	62411
1996 YF ₁	2009 09 24.5	00 05.38 -13 51.7 21.3	-1.00 - 5.6	4.4/19.8	60719
2004 TM ₁₆₁	2009 09 24.5	00 05.38 +10 02.6 19.8	-0.70 - 7.3	2.9/28.0	61905
2009 QL ₃₃	2009 09 24.5	00 05.40 +22 43.7 19.1	-0.79 - 5.5	9.3/03.0	62161
2005 YP ₂₅₁	2009 09 24.5	00 05.41 +10 36.7 19.8	-0.74 - 4.9	3.0/28.0	62473
2005 NU ₈₁	2009 09 24.5	00 05.43 +11 17.5 19.8	-1.00 - 4.1	4.3/27.8	62423
2001 XE ₁₉₈	2009 09 24.5	00 05.45 +24 55.7 17.7	-0.82 - 0.2	12.1/02.3	62333
2008 HB ₄₂	2009 09 24.5	00 05.46 +07 13.5 20.6	-0.88 - 7.6	2.4/26.8	62537
2001 UY ₁₉₉	2009 09 24.5	00 05.49 -00 39.3 20.0	-0.92 - 3.9	0.4/24.2	62326
2005 UA ₄₀₃	2009 09 24.5	00 05.50 +04 00.4 19.9	-0.77 - 7.1	1.1/25.7	62453
2005 VA ₈₉	2009 09 24.5	00 05.51 -07 38.7 19.3	-0.81 - 5.9	3.4/21.7	62458
2006 PK ₅	2009 09 24.5	00 05.52 +25 55.2 19.3	-1.54 + 3.5	12.2/30.5	62484
2004 DK ₄₀	2009 09 24.5	00 05.54 -00 34.0 20.8	-0.87 - 7.5	0.4/24.2	60798
2001 DF ₅₅	2009 09 24.5	00 05.55 +02 27.5 21.3	-1.01 - 5.5	0.7/25.1	62312
2002 TH ₉₈	2009 09 24.5	00 05.56 +01 47.8 19.6	-0.82 - 9.5	0.5/25.0	61866
2007 CN ₆₅	2009 09 24.5	00 05.56 +00 25.2 20.2	-0.90 - 9.6	0.1/24.5	40708
2007 GW ₅₈	2009 09 24.5	00 05.59 +02 35.2 20.3	-0.69 - 8.5	0.6/25.3	62519
2003 OE ₂₀	2009 09 24.5	00 05.59 +07 15.3 19.2	-0.74 - 5.5	2.1/26.9	62373
2005 UM ₂₃₀	2009 09 24.5	00 05.60 +02 48.8 20.3	-0.76 - 7.2	0.9/25.3	61970
2006 WM ₁₇₈	2009 09 24.5	00 05.62 +10 57.8 19.6	-0.79 - 4.4	3.0/28.1	62495
2008 FN ₃₀	2009 09 24.5	00 05.63 -03 04.1 20.2	-0.91 - 6.8	1.4/23.4	62530
2004 XU ₃₀	2009 09 24.5	00 05.63 -31 12.1 18.7	-1.79 +11.7	17.2/20.3	62414
2009 PH ₁₆	2009 09 24.5	00 05.64 -01 04.3 20.1	-0.68 - 7.6	0.5/24.0	62132
2005 YH ₁₈₄	2009 09 24.5	00 05.66 +02 59.5 21.9	-0.68 - 5.3	0.6/25.4	20473
2002 YC ₂₃	2009 09 24.5	00 05.67 +08 04.4 20.1	-0.94 - 5.3	2.8/27.0	62365
2005 MQ ₂	2009 09 24.5	00 05.68 -20 20.7 18.6	-0.70 - 6.8	9.8/16.5	62421

2007 EN ₁₂	2009 09 24.5	00 05.71 -06 34.7 19.2	-0.72 -13.8	2.4/21.7	62509
2002 AR ₈₀	2009 09 24.6	00 05.69 +22 20.9 17.6	-0.85 + 2.3	11.3/01.1	62337
2001 WD ₃₇	2009 09 24.6	00 05.70 -35 10.0 19.3	-1.13 + 0.5	12.1/12.8	17972
2005 YV ₁₆₈	2009 09 24.6	00 05.72 -16 45.4 19.5	-0.82 - 2.7	5.1/19.0	20472
2005 QS ₁₄₈	2009 09 24.6	00 05.75 -11 09.6 18.8	-0.90 - 0.2	5.9/21.3	87750
2007 EM ₁₇₁	2009 09 24.6	00 05.78 -02 10.0 20.8	-0.75 - 3.6	0.7/23.7	62515
2007 BA ₂₂	2009 09 24.6	00 05.79 +08 25.8 20.0	-1.09 - 1.9	3.4/26.8	62034
2004 FO ₆₄	2009 09 24.6	00 05.80 -05 16.6 20.5	-0.91 - 5.7	2.0/22.7	60801
2005 YA ₆₀	2009 09 24.6	00 05.80 +36 25.4 20.8	-0.88 - 2.0	8.4/07.9	43247
2008 GS ₉₇	2009 09 24.6	00 05.80 +03 04.8 20.9	-0.96 - 5.9	0.9/25.4	62534
2007 EE ₂₀₂	2009 09 24.6	00 05.81 +01 23.1 20.0	-0.74 - 5.7	0.2/24.9	62515
2005 UP ₅₈	2009 09 24.6	00 05.81 -01 02.2 20.6	-0.86 - 4.6	0.6/24.1	61956
2008 WG ₆₁	2009 09 24.6	00 05.90 +36 33.5 19.1	-0.60 - 1.5	6.2/09.1	62543
2005 SP ₂₈₉	2009 09 24.6	00 05.92 -06 47.6 19.8	-1.01 - 0.3	3.3/22.7	62438
2008 GU ₉₇	2009 09 24.6	00 05.92 +03 24.9 21.0	-0.92 - 6.0	1.0/25.6	62534
2005 TZ ₁₂	2009 09 24.6	00 05.93 +10 09.4 20.0	-0.74 -10.2	3.6/28.3	61944
2007 CU ₉	2009 09 24.6	00 05.98 -10 56.3 20.4	-0.86 - 5.8	3.9/20.8	62502
2001 UU ₁₄₃	2009 09 24.6	00 05.99 +21 13.4 19.5	-0.76 -11.8	7.0/03.1	62325
2007 CW ₃	2009 09 24.6	00 06.00 -00 35.0 19.6	-0.91 - 6.4	0.5/24.3	62502
2005 UB ₃₄₉	2009 09 24.6	00 06.00 +22 57.9 18.9	-1.23 + 2.5	8.5/30.2	62452
2004 TU ₂₃₃	2009 09 24.6	00 06.01 -13 17.1 20.1	-0.83 - 1.9	3.7/20.4	02221
2005 TR ₁₃₂	2009 09 24.6	00 06.03 +07 26.5 20.8	-0.79 - 8.3	2.1/27.1	62441
2008 FR ₅₇	2009 09 24.6	00 06.04 -05 29.4 19.6	-0.92 - 4.9	2.4/22.7	60902
2005 UN ₃₇₄	2009 09 24.6	00 06.08 +08 04.7 20.0	-0.81 - 6.0	2.6/27.2	61976
2007 DY ₉	2009 09 24.7	00 06.03 +03 16.6 20.4	-0.87 - 2.2	0.8/25.5	62043
2007 JL ₃₁	2009 09 24.7	00 06.04 +09 30.1 20.5	-0.69 - 6.2	2.5/27.9	62521
2007 XT ₅₀	2009 09 24.7	00 06.05 -39 26.3 20.0	-1.09 - 8.7	15.9/07.1	36008
2004 VP ₆₆	2009 09 24.7	00 06.06 -12 01.3 19.4	-0.80 - 2.8	4.0/20.7	74436
2002 LS ₄₉	2009 09 24.7	00 06.12 +04 07.3 19.1	-0.66 - 8.8	1.0/26.0	62349
2007 EV ₁₇₁	2009 09 24.7	00 06.13 +01 36.0 20.6	-0.75 - 9.0	7.8/05.0	62515
2004 GB ₇₇	2009 09 24.7	00 06.13 -07 47.7 20.5	-0.81 -10.8	2.8/21.6	62391
2006 WL ₁₅₃	2009 09 24.7	00 06.14 -17 13.9 19.3	-0.95 - 5.1	8.4/18.5	62495
2001 SA ₂₆₆	2009 09 24.7	00 06.14 +10 51.9 18.9	-0.71 -12.0	4.1/28.8	62320
2005 VX ₅₀	2009 09 24.7	00 06.15 -05 58.0 19.1	-0.73 - 8.0	2.9/22.3	60849
2008 FP ₁₂₆	2009 09 24.7	00 06.15 -10 43.3 20.0	-0.96 - 3.9	4.3/21.3	40753
2008 EJ ₁₁₈	2009 09 24.7	00 06.17 -15 59.5 19.9	-0.79 -27.1	7.3/17.1	38165
2005 MK ₂₂	2009 09 24.7	00 06.23 +05 37.7 19.8	-0.95 - 5.8	2.0/26.4	62421
2008 EY ₁₄₈	2009 09 24.7	00 06.24 +04 06.4 19.8	-1.03 - 2.6	1.5/25.7	62529
2006 WY ₁₆₇	2009 09 24.7	00 06.25 -04 43.0 21.7	-0.95 - 5.9	1.9/23.0	15963
2005 NC ₈	2009 09 24.7	00 06.26 -10 48.8 19.5	-0.84 - 9.6	4.4/20.5	41183
2005 ST ₁₄₂	2009 09 24.7	00 06.26 -10 05.8 19.8	-0.96 - 2.7	3.8/21.6	62435
2006 YO ₃₂	2009 09 24.7	00 06.30 -07 33.0 19.5	-0.94 - 3.5	3.6/22.3	62498
2008 GK ₁₁₁	2009 09 24.7	00 06.31 +08 47.9 19.3	-0.75 -11.0	2.9/27.9	62535
2006 AN ₃₂	2009 09 24.7	00 06.37 -14 21.5 20.4	-0.72 - 6.8	4.7/19.2	38084
2008 EA ₇₇	2009 09 24.7	00 06.38 -04 02.9 21.0	-0.97 - 6.7	1.9/23.3	62527
2003 BM ₇₆	2009 09 24.7	00 06.41 -15 17.2 19.8	-0.93 - 2.9	5.2/19.9	62367
2006 YH ₅₂	2009 09 24.7	00 06.42 +08 56.2 20.8	-1.00 - 3.6	3.4/27.2	62031
1999 XN ₆₃	2009 09 24.7	00 06.42 +04 05.7 19.5	-0.78 - 5.0	1.2/25.9	62300
2004 EF ₉₄	2009 09 24.7	00 06.47 -03 53.3 20.8	-0.94 - 5.9	1.6/23.3	62388
2006 YZ ₇	2009 09 24.8	00 06.41 +06 32.8 20.2	-0.91 - 6.9	2.1/26.7	62497
2004 BZ ₃₄	2009 09 24.8	00 06.42 +09 06.0 19.9	-1.07 - 3.2	3.7/27.2	61885

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2005 WE ₉₆	2009 09 24.8	00 06.43 -26 00.3 20.0	-0.88 - 3.1	8.3/15.5	97998
2005 YS ₂₇₈	2009 09 24.8	00 06.44 -23 48.4 21.3	-0.73 - 3.5	5.6/16.2	20478
2003 FH ₄	2009 09 24.8	00 06.45 -29 10.8 20.8	-0.82 - 9.7	8.2/12.6	59696
2006 WK ₂₁	2009 09 24.8	00 06.45 -08 27.5 20.9	-0.90 - 6.1	3.0/21.8	59116
2005 UU ₁₈₄	2009 09 24.8	00 06.51 -10 12.9 20.5	-0.87 - 3.7	3.9/21.4	62448
2004 RO ₈₈	2009 09 24.8	00 06.51 +09 59.1 18.2	-0.72 - 8.3	3.5/28.3	62397
2007 EC ₈₀	2009 09 24.8	00 06.52 +04 45.1 21.0	-0.66 - 7.7	1.0/26.3	20854
2005 SY ₅₁	2009 09 24.8	00 06.55 -07 09.9 19.3	-0.97 - 1.7	3.2/22.6	62432
2007 CK ₃₇	2009 09 24.8	00 06.58 +01 04.4 19.9	-0.93 - 5.4	9.3/05.0	62503
2005 TL ₁₉₂	2009 09 24.8	00 06.61 +04 42.1 19.4	-0.71 -12.1	1.5/26.4	62442
2001 XH ₁₄₆	2009 09 24.8	00 06.63 -10 22.6 20.3	-0.83 - 5.0	3.4/21.2	62333
2001 KD ₅₂	2009 09 24.8	00 06.65 -08 19.3 19.3	-1.00 - 3.9	3.7/22.2	62314
2007 DD ₉₈	2009 09 24.8	00 06.66 -03 54.6 19.9	-0.89 - 6.8	1.9/23.3	62508
2004 TT ₃	2009 09 24.8	00 06.67 -05 18.7 20.2	-0.85 - 2.4	1.9/23.0	60813
2005 YB ₁₈₉	2009 09 24.8	00 06.68 +00 29.0 21.0	-0.72 - 4.7	0.1/24.8	62472
2006 AC ₃₅	2009 09 24.8	00 06.70 +10 47.1 21.0	-0.77 - 3.7	2.8/28.2	62474
2005 XH ₉₂	2009 09 24.8	00 06.72 +22 28.6 20.7	-0.75 - 4.8	5.4/02.7	98030
2005 UX ₃₂₀	2009 09 24.8	00 06.74 +03 15.8 19.6	-0.77 - 7.5	0.9/25.8	62452
2004 VT ₇	2009 09 24.8	00 06.78 -18 08.3 19.9	-0.82 - 2.6	5.7/18.7	62411
2005 VQ ₁₁₀	2009 09 24.8	00 06.78 +03 31.2 20.1	-0.80 - 6.8	1.0/25.9	62458
2007 EH ₁₄₀	2009 09 24.8	00 06.80 +07 53.1 20.6	-0.85 - 4.2	2.5/27.2	62056
2004 RM ₉₀	2009 09 24.9	00 06.75 -03 49.4 18.6	-0.68 -11.4	1.6/23.1	62397
2005 YT ₂₅	2009 09 24.9	00 06.75 -07 10.6 21.2	-0.70 - 5.0	2.0/22.2	62468
2004 GC ₃₈	2009 09 24.9	00 06.77 -20 43.4 20.1	-0.88 - 5.1	7.1/17.6	59723
2007 BZ ₂₉	2009 09 24.9	00 06.79 -06 41.3 22.2	-0.83 - 5.9	2.2/22.4	38126
2004 ET ₂₈	2009 09 24.9	00 06.79 -00 24.1 21.8	-0.89 - 6.5	0.4/24.5	39196
2007 CW ₅₇	2009 09 24.9	00 06.83 -10 10.6 20.3	-0.79 - 3.7	3.1/21.4	62504
2001 CD ₄₈	2009 09 24.9	00 06.86 -24 48.2 20.6	-0.75 - 4.0	6.1/15.7	20741
2007 EO ₉₉	2009 09 24.9	00 06.87 +01 08.6 20.7	-0.87 - 3.8	8.4/05.0	62512
2009 PT ₁₅	2009 09 24.9	00 06.90 +03 26.2 19.8	-0.74 - 4.9	0.9/25.9	62132
2004 PL ₃₃	2009 09 24.9	00 06.92 -11 30.5 19.4	-0.80 - 5.1	4.3/20.8	62394
2005 QW ₇₉	2009 09 24.9	00 06.93 +09 30.2 18.2	-1.05 + 1.8	4.4/27.2	62427
2006 WS ₂₀₂	2009 09 24.9	00 06.93 -16 18.2 20.5	-0.79 - 7.6	5.9/18.7	41296
2005 TS ₁₆₃	2009 09 24.9	00 06.94 -07 14.7 20.5	-1.04 - 1.2	2.9/22.7	62442
2005 YX ₁₇₉	2009 09 24.9	00 06.95 +22 12.3 22.2	-0.79 - 3.1	5.3/02.3	98063
1995 KG ₄	2009 09 24.9	00 06.98 -37 58.1 20.5	-1.56 + 2.8	17.1/13.7	71945
2006 YH ₁₀	2009 09 24.9	00 06.99 -15 17.3 20.2	-0.94 - 5.2	6.7/19.6	40172
2005 WA ₁₆₃	2009 09 24.9	00 07.00 +23 07.3 19.8	-0.80 - 7.3	8.4/03.5	61996
1999 AC ₃₂	2009 09 24.9	00 07.01 -03 54.5 19.8	-0.85 - 5.9	2.0/23.4	62296
2009 QT ₁₅	2009 09 24.9	00 07.04 -01 23.0 20.1	-0.91 - 6.7	0.9/24.3	62147
2004 VL ₂₇	2009 09 24.9	00 07.04 -06 32.7 19.3	-0.82 - 2.4	2.2/22.7	62411
2005 UN ₅₁₁	2009 09 24.9	00 07.06 +02 02.5 20.4	-0.83 - 5.0	0.5/25.4	62455
2005 UH ₁₇₂	2009 09 24.9	00 07.07 +06 50.8 20.2	-0.79 - 7.0	2.2/27.1	61966
2009 QC ₂₈	2009 09 24.9	00 07.11 -01 58.5 19.2	-0.73 -12.0	1.1/23.9	62156
2005 UK ₁₂₂	2009 09 24.9	00 07.13 +06 52.5 20.4	-0.80 - 7.2	2.2/27.1	62446
2004 TN ₁₆	2009 09 24.9	00 07.16 +03 34.7 19.1	-0.86 - 2.2	0.9/25.8	62403
2005 VR ₄₄	2009 09 24.9	00 07.17 -18 16.8 20.0	-0.95 - 2.0	6.5/19.1	18153
2004 CC ₆₈	2009 09 25.0	00 07.10 -02 39.4 19.6	-1.02 - 4.4	1.3/24.0	62384
2004 RJ ₄₂	2009 09 25.0	00 07.11 -05 48.6 19.4	-0.87 - 2.1	2.2/23.0	35895
2005 SO ₁₁₂	2009 09 25.0	00 07.11 -16 17.1 19.2	-1.17 + 3.5	7.9/20.9	61938
2005 OR ₁₈	2009 09 25.0	00 07.11 +07 50.2 19.6	-0.95 - 4.8	2.8/27.3	62424

2006 AP ₇₄	2009 09 25.0	00 07.13 +02 20.5 20.1	-0.81 - 2.1	0.4/25.5	62007
2002 AB ₆	2009 09 25.0	00 07.14 +35 08.0 19.1	-1.08 - 0.4	11.6/06.6	60756
2007 BT ₄₇	2009 09 25.0	00 07.15 -01 34.5 21.1	-0.83 - 4.4	0.7/24.3	62501
2004 TY ₈₆	2009 09 25.0	00 07.16 +00 23.5 20.5	-0.76 - 5.1	0.1/24.9	62405
2001 FP ₃₁	2009 09 25.0	00 07.17 -06 39.6 20.7	-0.74 - 3.6	2.0/22.6	62313
2008 CN ₁₉₈	2009 09 25.0	00 07.20 +00 04.2 20.1	-0.95 - 7.3	0.3/24.8	62524
2007 CC ₂₀	2009 09 25.0	00 07.21 -04 45.5 20.3	-0.92 - 6.9	2.2/23.2	41860
2004 HD ₇₀	2009 09 25.0	00 07.23 +23 26.2 18.9	-0.50 - 6.7	4.2/04.4	62392
2007 DL ₂₇	2009 09 25.0	00 07.27 +00 12.3 21.6	-0.83 - 4.3	0.2/24.9	59788
2005 TN ₃₉	2009 09 25.0	00 07.28 -00 26.4 19.5	-0.81 - 8.9	0.5/24.6	62439
2005 YB ₂₀₉	2009 09 25.0	00 07.32 -23 28.6 20.9	-0.79 - 2.9	6.0/16.7	60857
2008 KV ₁₁	2009 09 25.0	00 07.34 +04 36.2 20.2	-0.83 - 6.6	1.2/26.4	62539
2008 EE ₄₅	2009 09 25.0	00 07.39 +01 24.1 20.6	-0.96 - 5.0	0.2/25.3	62527
2005 US ₂₈₈	2009 09 25.0	00 07.40 -08 24.9 20.0	-0.87 - 4.0	3.8/22.2	62451
2005 UD ₂₀₀	2009 09 25.0	00 07.42 +09 04.9 20.0	-0.78 - 7.4	2.6/28.0	62449
2005 UN ₃₇₀	2009 09 25.0	00 07.44 -08 34.3 20.7	-0.84 - 4.8	3.6/22.0	61976
1999 TB ₂₃	2009 09 25.0	00 07.44 -07 29.0 19.9	-0.90 - 1.6	2.7/22.6	62297
2002 QO ₁₃₀	2009 09 25.0	00 07.45 +00 26.8 19.0	-1.08 0.0	0.2/25.0	62352
2008 DL ₄₉	2009 09 25.0	00 07.51 -10 02.9 20.0	-1.02 - 0.4	3.4/22.3	62074
2002 PT ₁₂₄	2009 09 25.0	00 07.52 -05 19.7 18.3	-0.67 - 8.6	3.1/22.8	62350
2009 SA ₂₅	2009 09 25.0	00 07.53 +06 37.5 20.1	-0.80 - 5.9	1.9/27.1	62204
2006 AP ₇₀	2009 09 25.1	00 07.50 +13 19.2 21.2	-0.77 - 3.8	3.5/29.3	62006
2008 GZ ₁	2009 09 25.1	00 07.50 +06 15.3 20.6	-0.92 - 7.8	2.0/27.0	62088
2001 CC ₂₈	2009 09 25.1	00 07.51 -30 16.6 19.8	-0.73 - 5.7	7.5/13.0	21763
2006 YC ₄₇	2009 09 25.1	00 07.63 -12 00.3 20.0	-0.94 - 5.4	4.7/21.0	40172
2005 UT ₂₉₆	2009 09 25.1	00 07.63 +03 55.3 20.2	-0.81 - 6.2	1.2/26.2	61973
2005 UM ₂₇₆	2009 09 25.1	00 07.67 +03 18.5 19.5	-0.84 - 5.5	0.9/26.0	62451
2004 RW ₄₅	2009 09 25.1	00 07.67 -02 05.6 19.9	-0.77 - 5.7	0.9/24.2	62397
2006 CX ₃₉	2009 09 25.1	00 07.68 -09 13.0 21.3	-0.72 - 7.4	3.0/21.5	98143
2004 RR ₁₉₂	2009 09 25.1	00 07.69 +11 28.1 18.5	-1.02 + 1.4	4.2/27.9	61898
2005 YM ₇₄	2009 09 25.1	00 07.71 +08 06.4 20.1	-0.87 - 4.7	2.9/27.5	62001
2008 CY ₂₀₀	2009 09 25.1	00 07.74 -03 24.2 20.4	-0.89 - 7.2	1.7/23.7	62524
2005 SQ ₇₉	2009 09 25.1	00 07.77 -01 56.1 20.1	-0.89 - 3.2	1.2/24.3	62433
2006 AC ₁	2009 09 25.1	00 07.77 +13 19.7 20.2	-0.77 - 5.0	4.1/29.5	62005
2005 UD ₂₂₃	2009 09 25.1	00 07.83 +02 00.2 20.3	-0.86 - 4.0	0.5/25.5	61969
2005 UY ₄₂₀	2009 09 25.1	00 07.85 -07 16.6 19.8	-0.84 - 4.6	2.8/22.5	62454
1998 XT ₅	2009 09 25.1	00 07.86 -15 10.3 20.2	-0.76 - 3.5	4.5/19.8	62296
2009 SW ₂₃	2009 09 25.1	00 07.87 +07 18.3 20.9	-0.77 - 6.5	2.1/27.5	62203
2004 CV ₈₀	2009 09 25.1	00 07.88 -05 10.5 20.0	-0.90 - 6.8	2.2/23.2	60797
2003 SN ₁₃₀	2009 09 25.1	00 07.89 +37 10.9 19.7	-1.03 + 0.3	10.5/08.1	62376
2002 PW ₁₅₄	2009 09 25.1	00 07.89 +02 46.0 18.8	-0.79 - 6.0	1.0/25.9	61853
2003 ED ₁₆	2009 09 25.1	00 07.90 +21 07.4 21.8	-1.00 - 1.6	5.2/01.5	60784
2005 UZ ₄₅₄	2009 09 25.2	00 07.84 -04 22.6 18.6	-0.66 - 8.3	2.4/23.2	61978
2006 UM ₂₁₃	2009 09 25.2	00 07.87 +08 15.5 20.2	-0.96 - 6.7	3.1/27.6	62019
2007 GL ₁₅	2009 09 25.2	00 07.89 +02 25.3 20.1	-0.70 - 8.1	0.5/25.8	62518
2005 UK ₃₇	2009 09 25.2	00 07.89 +12 55.2 19.7	-0.81 -10.0	4.8/29.6	61953
2004 JJ ₇	2009 09 25.2	00 07.91 -04 26.9 21.3	-0.91 - 5.5	1.7/23.5	62392
2002 AV ₁₈₇	2009 09 25.2	00 07.91 -18 27.3 19.3	-0.81 - 9.2	7.2/17.6	62338
1995 SJ ₆₄	2009 09 25.2	00 07.96 +01 57.0 20.2	-0.78 - 6.5	0.4/25.6	62292
2005 SP ₁₉₁	2009 09 25.2	00 07.96 +07 07.2 18.9	-0.72 -11.1	2.4/27.7	62436
2008 HL ₁	2009 09 25.2	00 07.96 -10 10.4 20.9	-0.76 - 6.3	3.5/21.4	62536

2005 YK ₁₉₀	2009 09 25.2	00 07.97 +05 31.0 19.9	-0.77 - 4.3	1.5/26.8	62472
2005 TV ₁₉₅	2009 09 25.2	00 07.97 -02 11.9 20.7	-0.84 - 6.3	1.1/24.2	62442
2008 EF ₆₀	2009 09 25.2	00 07.97 +06 02.5 19.8	-0.93 - 7.9	2.0/27.0	62527
2008 FK ₅₇	2009 09 25.2	00 07.98 -05 57.4 20.6	-0.98 - 3.6	2.6/23.2	62530
1999 TN ₁₄₁	2009 09 25.2	00 07.99 -01 24.6 19.6	-1.06 - 3.4	1.0/24.6	62298
2005 WD ₈₀	2009 09 25.2	00 08.00 -09 16.5 20.7	-0.85 - 4.5	3.4/21.9	62462
2005 UP ₆₀	2009 09 25.2	00 08.02 -03 57.5 20.9	-0.90 - 4.7	1.8/23.7	62444
2006 UM ₈₇	2009 09 25.2	00 08.02 -15 56.7 20.6	-1.06 - 2.4	6.0/20.3	39263
2008 FE ₉₂	2009 09 25.2	00 08.05 -02 35.7 20.1	-0.94 - 7.1	1.3/24.1	62531
2002 CZ ₁₁₃	2009 09 25.2	00 08.05 +08 19.7 19.0	-1.01 - 0.2	3.0/27.2	61844
2004 TL ₈₃	2009 09 25.2	00 08.06 +05 59.6 20.5	-0.69 - 9.8	1.6/27.2	62405
2005 UQ ₃₀	2009 09 25.2	00 08.12 +02 31.2 20.4	-0.83 - 6.1	0.5/25.8	62443
2004 TB ₅₁	2009 09 25.2	00 08.13 +19 46.9 20.6	-0.70 - 7.1	4.7/02.4	02216
2001 VT ₇₃	2009 09 25.2	00 08.18 +16 32.4 18.9	-1.06 - 0.5	6.4/29.5	62327
2005 UX ₁₂₀	2009 09 25.2	00 08.21 -06 59.6 20.6	-0.87 - 3.4	2.4/22.8	61963
2004 EO ₉	2009 09 25.2	00 08.23 +00 40.3 20.4	-0.91 - 6.7	0.1/25.2	62386
2005 UR ₁₄	2009 09 25.2	00 08.24 -04 22.6 20.4	-0.86 - 4.5	1.8/23.6	62443
2002 RB ₄₃	2009 09 25.2	00 08.25 -09 07.8 18.8	-0.81 - 8.3	4.6/21.7	62353
2008 GG ₃₉	2009 09 25.3	00 08.18 +10 32.2 20.3	-0.70 - 8.5	2.8/29.0	62089
2008 LG ₈	2009 09 25.3	00 08.20 -02 38.0 20.2	-0.80 - 8.3	1.1/24.1	62540
2007 DG ₂₉	2009 09 25.3	00 08.21 +05 24.3 20.9	-0.94 - 2.4	1.3/26.6	62505
2008 GJ ₁	2009 09 25.3	00 08.22 +03 11.1 20.0	-0.99 - 4.7	0.9/26.0	62532
2005 UD ₄₈₀	2009 09 25.3	00 08.25 +25 57.7 18.8	-1.04 + 2.6	12.4/03.0	62455
2005 XE ₁₇	2009 09 25.3	00 08.25 +07 45.9 18.7	-0.74 - 6.8	3.1/27.7	62465
2002 CC ₉₄	2009 09 25.3	00 08.28 +09 34.1 19.9	-0.54 - 1.7	1.5/28.3	62340
2008 KN ₆	2009 09 25.3	00 08.30 -03 59.5 20.7	-0.77 - 7.3	1.5/23.6	60907
2004 TT ₂₆₆	2009 09 25.3	00 08.30 -05 09.4 19.9	-0.79 - 3.4	1.9/23.4	60817
2005 SO ₁₄₇	2009 09 25.3	00 08.31 -02 53.5 19.9	-0.89 - 4.1	1.7/24.1	62435
2000 CX ₄₁	2009 09 25.3	00 08.32 -13 11.7 20.2	-0.68 - 6.9	3.6/20.1	21296
2005 XQ ₃₂	2009 09 25.3	00 08.37 -17 42.2 21.2	-0.91 - 4.8	6.5/18.9	98022
2008 KB ₁₁	2009 09 25.3	00 08.37 -26 59.1 19.4	-0.91 - 0.7	10.5/16.4	62539
1999 XR ₁₂₉	2009 09 25.3	00 08.38 -09 22.0 19.5	-0.85 - 2.6	2.8/22.1	62300
2004 VX ₂₉	2009 09 25.3	00 08.41 -13 37.5 20.6	-0.78 - 3.2	4.3/20.6	20370
2006 BK ₁₈₅	2009 09 25.3	00 08.43 -11 44.0 20.7	-0.73 - 5.8	3.8/20.9	38085
2002 CJ ₄₇	2009 09 25.3	00 08.48 +18 45.6 19.4	-0.95 - 2.4	6.5/30.9	62340
2000 EL ₂₇	2009 09 25.3	00 08.49 +06 40.0 20.5	-0.96 - 4.1	1.9/27.1	62304
2005 SU ₄₉	2009 09 25.3	00 08.49 -00 11.4 19.6	-0.80 - 5.9	0.5/25.0	62432
2005 UP ₂₄₈	2009 09 25.3	00 08.54 -13 07.5 20.2	-0.90 - 2.7	5.0/21.1	62450
1995 UB ₆₂	2009 09 25.3	00 08.54 +05 18.5 20.3	-0.93 - 6.3	1.7/26.8	62292
2007 CY ₁₀	2009 09 25.3	00 08.55 -02 40.0 20.7	-0.92 - 7.2	1.4/24.2	62039
2008 EP ₃₅	2009 09 25.3	00 08.55 -09 16.6 21.2	-1.04 - 4.2	3.9/22.3	38994
2008 DC ₈₂	2009 09 25.3	00 08.55 -02 09.4 21.1	-0.94 - 5.5	1.1/24.4	62075
2005 JE ₁₁₁	2009 09 25.3	00 08.57 -10 54.3 19.1	-0.74 - 3.7	6.3/21.4	62419
2005 YW ₁₆₄	2009 09 25.3	00 08.59 +19 53.2 19.2	-0.87 - 3.1	6.2/01.6	62472
2003 DT ₁₇	2009 09 25.3	00 08.61 +15 24.0 20.0	-0.89 - 4.2	4.3/30.2	62368
2003 QV ₈₆	2009 09 25.3	00 08.61 +17 00.2 18.8	-0.90 - 0.5	5.6/30.0	62374
2000 QV ₅₆	2009 09 25.3	00 08.61 +14 49.0 19.6	-1.06 - 0.7	5.1/29.3	62306
2001 WE ₃₃	2009 09 25.3	00 08.62 -07 55.3 20.6	-0.87 - 5.0	3.1/22.5	17972
2001 TV ₈₈	2009 09 25.4	00 08.54 +05 41.3 19.0	-0.75 - 6.3	2.2/27.1	62322
2007 FC ₃₉	2009 09 25.4	00 08.58 +24 04.7 21.2	-0.84 - 8.4	6.5/04.1	21363
2004 RZ ₁₁₇	2009 09 25.4	00 08.59 +02 10.6 20.6	-0.80 - 4.8	0.4/25.8	62398

2004 TY ₁₈₅	2009 09 25.4	00 08.59 +03 01.8 20.8	-0.78 - 4.4	0.6/26.1	62407
2005 UO ₂₇₈	2009 09 25.4	00 08.61 -15 53.7 20.0	-0.94 - 1.8	5.6/20.4	62451
2002 CA ₂₀₁	2009 09 25.4	00 08.61 -09 56.2 19.8	-0.75 - 7.9	3.7/21.4	62341
2005 OM ₂₆	2009 09 25.4	00 08.62 +09 20.2 19.3	-0.89 - 6.7	3.5/28.3	62424
2005 TT ₁₅₆	2009 09 25.4	00 08.64 +10 43.5 20.0	-0.81 - 7.8	3.0/28.9	62441
2005 SS ₂₈₅	2009 09 25.4	00 08.69 -20 19.6 20.1	-0.78 - 6.7	8.1/17.6	24037
2007 BT ₃	2009 09 25.4	00 08.69 -02 58.2 20.0	-0.92 - 7.1	1.6/24.1	62500
2001 WC ₃₀	2009 09 25.4	00 08.73 +00 18.7 19.9	-0.91 - 5.9	0.3/25.2	62329
2002 CF ₂₃₄	2009 09 25.4	00 08.74 +04 10.3 17.5	-1.12 + 2.7	1.5/26.2	62342
2005 UX ₂₁₄	2009 09 25.4	00 08.81 -08 31.7 19.9	-0.83 - 5.9	3.3/22.3	62449
2006 YL ₄	2009 09 25.4	00 08.85 +12 55.9 20.1	-0.87 - 5.4	4.0/29.5	62030
2006 XT ₄₀	2009 09 25.4	00 08.90 -01 42.4 20.4	-0.88 - 7.0	0.9/24.6	62496
2007 EV ₈₄	2009 09 25.4	00 08.91 -12 43.4 19.5	-0.71 - 5.9	3.9/20.6	62512
2002 PR ₁₅₉	2009 09 25.4	00 08.93 +08 25.5 19.3	-1.09 - 3.8	3.2/27.7	62351
2008 JE ₁₅	2009 09 25.4	00 08.95 -07 40.9 19.8	-0.94 - 4.7	3.5/22.8	62538
2005 UN ₄₀₉	2009 09 25.4	00 08.97 -16 50.8 20.5	-1.02 - 2.7	6.4/19.9	03781
2008 EX ₃₉	2009 09 25.4	00 08.97 +03 44.3 21.2	-0.84 - 9.7	0.9/26.5	40200
2008 DP ₂₇	2009 09 25.5	00 08.90 +02 53.0 18.3	-1.83 +10.4	1.1/25.7	62073
2005 LC ₂₄	2009 09 25.5	00 08.94 +43 22.7 19.6	-0.99 - 8.4	16.1/17.3	62420
2008 EM ₅₄	2009 09 25.5	00 08.94 -06 55.5 20.1	-1.05 - 3.4	3.0/23.2	62527
2008 GS ₆₈	2009 09 25.5	00 08.96 -15 32.6 20.9	-0.88 - 3.3	5.5/20.3	39066
2004 DZ ₂₅	2009 09 25.5	00 08.97 +01 12.8 20.7	-0.94 - 5.5	0.1/25.6	62385
2005 BE ₁₉	2009 09 25.5	00 08.97 +40 10.6 19.5	-1.11 + 2.4	12.3/07.5	62416
1999 VB ₁₂₄	2009 09 25.5	00 08.99 +10 15.6 20.6	-0.71 - 6.9	2.8/28.9	62299
2002 CF ₂₆₃	2009 09 25.5	00 09.00 -17 11.6 19.7	-0.82 - 2.5	4.8/19.8	17998
2008 FZ ₁₅	2009 09 25.5	00 09.00 -07 41.5 21.2	-0.93 - 6.4	3.0/22.7	41543
2005 QT ₈₇	2009 09 25.5	00 09.05 +13 14.6 19.7	-0.87 - 6.5	4.9/30.0	61928
2005 SZ ₈₄	2009 09 25.5	00 09.05 +00 30.1 20.9	-0.90 - 5.3	0.2/25.4	62433
2005 VC ₇₆	2009 09 25.5	00 09.08 +20 54.0 19.3	-0.81 - 7.8	7.3/03.1	62458
2004 SY ₄₀	2009 09 25.5	00 09.13 -05 50.7 19.1	-0.89 - 1.3	2.4/23.6	62402
2006 VH ₁₄₈	2009 09 25.5	00 09.16 -17 18.7 20.1	-0.89 - 4.7	6.2/19.5	14811
2002 FS ₄₁	2009 09 25.5	00 09.19 -00 12.2 21.6	-0.71 - 5.9	0.3/25.2	56869
2006 WP ₁₆₀	2009 09 25.5	00 09.21 +14 00.7 19.2	-0.91 - 6.6	5.4/30.1	62495
2002 RW ₂₆₈	2009 09 25.5	00 09.22 +06 45.2 20.4	-1.04 - 4.1	2.2/27.3	62355
2004 RD ₃₄₆	2009 09 25.5	00 09.23 +18 48.4 19.5	-0.86 - 3.0	5.7/01.3	62402
2009 OY ₁	2009 09 25.5	00 09.23 +13 46.5 19.1	-0.93 - 5.8	5.6/29.8	62546
2007 BC ₁	2009 09 25.5	00 09.26 +07 17.9 20.6	-0.84 - 4.5	1.8/27.6	62499
2001 YF ₁₀₁	2009 09 25.5	00 09.30 -12 05.8 19.5	-0.83 - 5.9	4.8/21.1	17984
2004 TJ ₁₈₂	2009 09 25.6	00 09.28 -03 32.8 20.0	-0.79 - 4.5	1.6/24.1	62407
2007 EF ₁₁₅	2009 09 25.6	00 09.32 -08 46.2 19.4	-0.83 - 3.6	3.2/22.5	62513
2005 TN ₁₂	2009 09 25.6	00 09.35 -02 11.3 19.4	-0.80 - 6.1	1.4/24.5	62439
2005 UC ₅₂₄	2009 09 25.6	00 09.36 -02 58.9 19.7	-0.74 - 9.5	1.6/24.1	62456
2007 MW ₂	2009 09 25.6	00 09.37 +09 00.4 20.0	-0.49 - 3.2	1.4/28.5	62066
2004 RK ₁₆₇	2009 09 25.6	00 09.38 -06 57.4 19.2	-1.02 + 0.4	3.1/23.5	62398
2004 PV ₆₈	2009 09 25.6	00 09.40 +25 34.5 18.6	-0.92 + 2.5	11.5/02.5	62395
2001 ST ₇₈	2009 09 25.6	00 09.41 -00 14.9 19.9	-0.82 - 7.2	0.5/25.2	62318
2005 UX ₃₄₁	2009 09 25.6	00 09.42 +15 25.4 20.1	-0.85 - 6.3	4.5/30.8	40696
2008 DF ₃₆	2009 09 25.6	00 09.43 +05 40.0 19.7	-1.21 + 0.8	1.9/26.8	62525
2006 BW ₂₇₃	2009 09 25.6	00 09.45 +12 11.3 19.0	-0.94 0.0	4.0/28.8	62479
2008 HM ₁₂	2009 09 25.6	00 09.47 -08 17.2 20.6	-0.95 - 4.0	3.3/22.8	62536
2005 MT ₃₄	2009 09 25.6	00 09.49 +11 31.2 20.1	-0.93 - 4.1	4.6/29.0	90215

2003 FT ₂₈	2009 09 25.6	00 09.50 -13 55.8 21.6	-0.81 - 4.7	4.2/20.7	14026
2007 CY ₅₉	2009 09 25.6	00 09.51 +00 27.6 20.9	-0.79 - 6.7	0.2/25.5	62504
2001 YW ₁₀₅	2009 09 25.6	00 09.52 -15 08.7 19.8	-0.82 - 6.8	5.9/19.8	19562
2006 BQ ₂₆₄	2009 09 25.6	00 09.54 -08 05.5 21.3	-0.69 - 6.7	2.4/22.4	02283
2004 TT ₁₁₃	2009 09 25.6	00 09.54 +09 59.7 19.4	-0.74 - 6.0	2.7/28.8	62406
2002 CL ₈₉	2009 09 25.6	00 09.56 +07 48.2 20.2	-0.88 - 3.1	2.1/27.8	62340
2008 DO ₁₉	2009 09 25.6	00 09.57 +04 02.7 20.6	-1.01 - 4.6	1.2/26.6	62525
2002 UC ₃₁	2009 09 25.6	00 09.57 +11 09.3 18.5	-0.88 - 6.2	4.6/29.1	62360
2004 TC ₁₅₂	2009 09 25.6	00 09.58 +07 35.7 20.3	-0.70 - 7.5	1.9/28.1	62407
2000 UJ ₁₈	2009 09 25.6	00 09.59 -12 35.7 19.4	-0.91 - 4.6	4.8/21.1	93879
2002 CB ₉₁	2009 09 25.6	00 09.60 +00 08.6 19.0	-0.52 - 2.6	0.2/25.4	62340
2005 VU ₁₀₉	2009 09 25.6	00 09.60 +05 00.7 20.3	-0.80 - 6.5	1.3/27.0	16335
2002 EG ₂₁	2009 09 25.6	00 09.66 -13 56.3 20.7	-0.76 - 4.5	4.0/20.6	18001
2005 TP ₁₃₂	2009 09 25.6	00 09.67 -01 34.4 19.7	-0.84 - 5.2	1.1/24.8	62441
2009 RA ₇	2009 09 25.6	00 09.67 +08 03.6 18.8	-1.08 - 0.9	3.5/27.6	62176
2007 BS ₇₄	2009 09 25.6	00 09.69 +02 33.0 20.5	-0.88 - 5.0	0.5/26.2	62502
2008 CA ₈₈	2009 09 25.6	00 09.70 -09 40.5 20.5	-0.95 - 6.5	4.4/22.2	38146
2007 FS ₄	2009 09 25.7	00 09.62 -06 02.8 22.0	-0.86 - 3.5	2.1/23.5	19452
2005 WL ₁₂₃	2009 09 25.7	00 09.63 +01 03.9 20.5	-0.84 - 5.7	0.0/25.7	62463
2007 GY ₆₈	2009 09 25.7	00 09.64 +02 37.2 20.3	-0.68 - 7.4	0.5/26.3	62064
2006 UJ ₂₇₈	2009 09 25.7	00 09.65 +03 18.3 20.2	-0.98 - 6.5	1.0/26.4	62020
2008 DJ ₃₄	2009 09 25.7	00 09.65 +00 41.2 20.7	-0.91 - 7.0	0.1/25.6	62073
2004 QC ₁	2009 09 25.7	00 09.66 +25 01.4 19.5	-0.87 - 4.0	8.1/04.0	62396
2002 EN ₈₂	2009 09 25.7	00 09.66 +01 14.5 20.2	-0.72 - 6.3	0.1/25.8	62344
1998 QG ₃	2009 09 25.7	00 09.73 +23 00.3 18.5	-1.15 - 0.5	10.2/02.6	62294
2007 CV ₅₅	2009 09 25.7	00 09.74 -02 04.1 20.3	-0.87 - 7.2	1.4/24.7	62504
2002 VD ₆₇	2009 09 25.7	00 09.74 +04 04.6 18.5	-0.87 - 5.9	1.4/26.7	62362
2002 XS ₃₃	2009 09 25.7	00 09.78 +02 08.1 18.4	-1.03 - 1.8	0.5/26.0	62363
2001 XV ₉₃	2009 09 25.7	00 09.80 -19 34.5 19.3	-0.96 - 1.6	7.7/19.5	62332
2008 ED ₁₂₆	2009 09 25.7	00 09.82 +02 10.8 19.6	-0.84 -23.3	0.5/26.2	62081
2005 JF ₃₉	2009 09 25.7	00 09.84 -03 29.4 20.4	-1.02 - 5.5	1.7/24.4	77884
2009 SO ₁	2009 09 25.7	00 09.85 -01 19.7 19.1	-0.91 - 3.2	1.1/25.0	62199
2001 UP ₇₄	2009 09 25.7	00 09.87 +04 55.6 18.6	-0.72 -10.6	1.6/27.2	62324
2007 AD ₁₈	2009 09 25.7	00 09.89 +03 44.7 20.0	-0.95 - 5.3	1.0/26.6	62499
2002 QY ₆₅	2009 09 25.7	00 09.90 +05 17.5 20.2	-1.05 - 4.9	1.9/27.1	62351
2008 ES ₇₃	2009 09 25.7	00 09.91 -06 05.1 20.8	-0.98 - 4.4	2.7/23.6	62527
2007 BH ₇₈	2009 09 25.7	00 09.94 +02 13.6 21.0	-0.80 - 4.9	0.3/26.2	62037
2001 TB ₂₂₈	2009 09 25.7	00 09.94 +01 27.9 19.9	-0.91 - 4.3	0.1/25.9	62323
2002 AN ₁₃	2009 09 25.7	00 09.97 +10 12.7 20.8	-0.87 - 4.2	2.7/28.7	62336
2006 VZ	2009 09 25.7	00 09.98 -18 37.5 20.9	-0.84 - 5.3	5.7/18.9	19693
2009 RK ₂₆	2009 09 25.7	00 09.99 -07 46.1 18.6	-0.99 - 0.2	4.7/23.4	62185
2005 UR ₇₀	2009 09 25.7	00 10.00 +02 55.2 18.4	-0.87 - 1.6	0.9/26.3	62445
2005 UA ₅₀₉	2009 09 25.7	00 10.00 +09 22.4 19.8	-0.83 - 5.2	2.9/28.6	62455
2007 DO ₁₃	2009 09 25.7	00 10.01 +10 49.3 20.5	-0.98 - 1.8	3.1/28.6	26774
2009 SO ₇₂	2009 09 25.7	00 10.02 +02 21.0 20.4	-0.77 - 5.4	0.4/26.2	62211
2001 UG ₁₀₅	2009 09 25.7	00 10.05 -16 49.2 19.5	-0.99 - 1.5	6.2/20.6	62325
2002 AG ₁₂₀	2009 09 25.8	00 09.98 +10 17.7 19.0	-0.92 - 3.5	3.4/28.6	62337
2007 EY ₁₆₆	2009 09 25.8	00 09.99 +07 23.8 19.9	-0.67 - 8.6	1.8/28.2	62057
2009 RU ₃	2009 09 25.8	00 09.99 -01 57.4 19.6	-0.86 - 6.7	1.3/24.8	62174
2004 KK	2009 09 25.8	00 10.01 +15 25.2 19.9	-0.85 - 7.3	5.2/01.0	62393
2005 YF ₁₂₇	2009 09 25.8	00 10.01 -16 47.8 20.4	-0.82 - 3.8	5.4/19.8	38084

2005 YV ₈₆	2009 09 25.8	00 10.03 +08 38.5 19.0	-0.79 - 4.4	2.6/28.3	62470
2008 FF ₂₇	2009 09 25.8	00 10.11 +04 56.3 19.6	-0.89 - 7.6	1.5/27.1	40204
2004 TP ₁₁₁	2009 09 25.8	00 10.15 +07 05.2 20.0	-0.72 - 7.3	1.8/28.0	62406
2005 CH ₂₄	2009 09 25.8	00 10.15 +14 31.9 18.8	-0.81 - 3.2	4.1/30.0	62417
2002 EY ₉₉	2009 09 25.8	00 10.15 +12 42.4 20.3	-0.80 - 5.5	3.4/29.8	62344
2005 JG ₇₅	2009 09 25.8	00 10.16 +20 33.4 19.5	-0.91 -11.3	7.9/03.7	62419
2007 BN ₅₀	2009 09 25.8	00 10.17 -23 17.1 20.0	-0.89 - 5.0	8.3/17.2	40174
2003 OF ₁₂	2009 09 25.8	00 10.18 +17 43.4 18.3	-0.66 - 9.4	5.2/02.6	62372
2005 NE ₁₂₃	2009 09 25.8	00 10.20 -07 51.8 18.1	-0.99 + 0.1	4.4/23.4	62424
2002 HE ₁₅	2009 09 25.8	00 10.22 -03 20.7 21.0	-0.75 - 4.4	1.2/24.4	62347
2006 VH ₆₇	2009 09 25.8	00 10.22 +11 48.1 19.3	-0.84 - 8.1	5.1/29.7	62492
2005 UE ₄₆₇	2009 09 25.8	00 10.24 -12 46.6 20.8	-0.98 - 1.3	4.6/21.9	24476
2006 XH ₅₃	2009 09 25.8	00 10.24 +04 26.2 20.4	-1.01 - 5.0	1.3/26.9	62028
2008 GL ₁₀₇	2009 09 25.8	00 10.26 -12 09.2 20.4	-0.89 - 6.0	5.3/21.4	41626
2003 SH ₅₉	2009 09 25.8	00 10.28 +26 09.3 18.5	-0.90 - 1.2	8.9/04.5	62375
2004 WJ	2009 09 25.8	00 10.28 -03 00.8 19.0	-0.71 - 6.5	1.6/24.4	62413
2001 TG ₃₂	2009 09 25.8	00 10.29 +08 34.8 18.2	-0.93 - 2.0	3.3/28.1	62321
2008 FO ₆₂	2009 09 25.8	00 10.36 +05 09.9 19.6	-1.09 - 1.9	1.8/27.0	62086
2006 DV ₁₂	2009 09 25.8	00 10.41 -06 57.1 20.3	-0.79 - 3.5	2.3/23.3	62480
2005 WS ₂₅	2009 09 25.9	00 10.34 +22 09.9 20.9	-0.80 - 5.5	6.1/03.6	97981
2005 WM ₄₇	2009 09 25.9	00 10.36 -03 48.6 20.0	-0.83 - 4.6	1.7/24.3	61989
2008 ET ₁₃₃	2009 09 25.9	00 10.38 +05 41.5 20.3	-0.88 -10.9	1.8/27.6	62528
2000 SM ₁₅₁	2009 09 25.9	00 10.38 -07 01.3 18.8	-1.00 + 0.1	3.5/23.7	62308
2008 JA ₃	2009 09 25.9	00 10.45 +15 24.3 20.5	-0.78 -10.0	4.9/01.5	60576
2003 AO ₅	2009 09 25.9	00 10.49 -04 26.0 20.5	-0.82 - 6.5	1.7/24.0	62365
1999 XO ₂₃₅	2009 09 25.9	00 10.52 +14 43.1 19.4	-0.87 - 7.0	6.2/30.7	62301
2001 UP ₅₅	2009 09 25.9	00 10.53 +06 38.5 19.1	-0.87 - 4.0	2.4/27.7	62324
2001 DX ₈₀	2009 09 25.9	00 10.54 +13 58.1 20.0	-0.81 - 3.1	3.6/30.1	97433
2004 JD ₃₂	2009 09 25.9	00 10.54 -09 33.0 19.8	-0.88 - 4.9	3.9/22.5	62393
2005 QP ₆₃	2009 09 25.9	00 10.55 +02 48.3 19.9	-0.98 - 2.5	0.7/26.4	61927
2005 UC ₂₁₁	2009 09 25.9	00 10.57 +06 32.1 20.1	-0.77 - 7.9	2.1/27.9	61968
2005 VD ₃₁	2009 09 25.9	00 10.58 +05 28.8 20.1	-0.79 - 6.0	1.4/27.4	62457
2007 EL ₉₇	2009 09 25.9	00 10.63 -03 45.6 20.1	-0.74 - 8.8	1.6/24.2	62054
2004 UA ₁₀	2009 09 25.9	00 10.64 +27 21.4 19.7	-1.04 -12.7	10.8/06.4	62411
2005 YN ₆₆	2009 09 25.9	00 10.66 -27 06.9 20.0	-0.75 - 4.1	8.0/15.6	98043
2005 TD ₁₅₂	2009 09 25.9	00 10.67 +01 30.7 21.1	-0.82 - 5.9	0.1/26.1	62441
2002 OU ₂₁	2009 09 25.9	00 10.67 +14 29.3 18.9	-0.91 - 6.1	6.2/30.6	62349
2005 VA ₅₂	2009 09 25.9	00 10.70 +05 25.0 18.5	-0.65 -13.8	1.7/27.7	61983
2008 KK ₁₇	2009 09 25.9	00 10.71 -05 41.5 19.4	-0.68 - 7.9	2.5/23.5	62540
2007 FK ₂₁	2009 09 25.9	00 10.76 -02 04.8 19.9	-0.82 - 8.3	1.4/24.8	62517
2005 FS ₅	2009 09 26.0	00 10.70 -04 42.8 19.8	-1.01 - 6.1	2.4/24.2	60824
2005 TA ₁₄₅	2009 09 26.0	00 10.70 -10 05.1 20.9	-0.87 - 1.3	5.3/22.7	97865
2002 AR ₁₇₁	2009 09 26.0	00 10.72 +05 19.6 19.3	-0.89 - 3.8	1.6/27.3	62338
2002 EL ₈₂	2009 09 26.0	00 10.74 +02 14.8 19.9	-0.77 - 5.2	0.3/26.4	62344
1996 VB ₃₆	2009 09 26.0	00 10.75 +10 27.5 19.7	-1.03 - 4.2	4.2/28.8	62293
2004 TA ₂₁₅	2009 09 26.0	00 10.76 -12 07.6 19.9	-0.71 - 6.7	4.1/21.2	18105
2007 EW ₆₂	2009 09 26.0	00 10.79 -04 21.5 19.7	-0.75 - 7.5	1.9/24.0	62511
2006 XP ₇₂	2009 09 26.0	00 10.80 +06 41.3 20.1	-1.02 - 3.9	2.3/27.7	62029
2005 QC ₁₂₃	2009 09 26.0	00 10.80 +05 46.2 19.7	-0.96 - 4.0	1.6/27.4	61929
2001 VX ₅₅	2009 09 26.0	00 10.84 -12 04.7 19.5	-1.12 + 0.4	5.4/22.5	62327
2007 EY ₁₁₀	2009 09 26.0	00 10.86 -02 36.7 18.9	-0.68 - 8.3	1.2/24.6	62513

2004 EB ₇₇	2009 09 26.0	00 10.87 -02 56.0 20.4 -0.91 - 5.9 1.4/24.7 62387
2001 WT ₇₂	2009 09 26.0	00 10.87 -19 52.4 19.7 -0.97 - 1.4 8.3/19.6 37944
2002 CG ₂₀₅	2009 09 26.0	00 10.87 +02 05.6 20.7 -0.50 - 2.9 0.2/26.4 62341
2009 SD ₂₁	2009 09 26.0	00 10.89 +13 24.2 19.1 -1.09 + 2.3 5.4/29.1 62203
2001 SQ ₁₇₇	2009 09 26.0	00 10.90 -15 40.7 18.8 -1.12 + 1.6 7.1/21.7 62319
2004 RX ₃₂	2009 09 26.0	00 10.95 +06 30.8 18.8 -1.03 + 0.8 2.1/27.4 62397
2005 SZ ₂₀₆	2009 09 26.0	00 10.96 +02 09.1 20.7 -0.87 - 5.3 0.3/26.4 62436
2008 EG ₆₀	2009 09 26.0	00 10.97 +04 58.4 20.8 -0.94 - 6.4 1.3/27.3 52506
2005 TT ₅₄	2009 09 26.0	00 10.98 +05 51.4 19.3 -0.66 -13.8 1.9/28.0 61946
2004 DQ ₄₄	2009 09 26.0	00 11.00 -01 50.9 20.7 -0.88 - 7.8 1.1/25.0 62386
2005 YN ₂	2009 09 26.0	00 11.01 -00 23.0 19.2 -0.79 - 4.3 0.7/25.6 98031
2005 SL ₄₆	2009 09 26.0	00 11.05 -00 37.8 19.6 -1.10 - 0.1 0.8/25.6 62432
2003 FC ₄₈	2009 09 26.0	00 11.05 +01 10.7 20.3 -0.52 - 2.5 0.0/26.1 62370
2004 JC ₅₄	2009 09 26.0	00 11.09 -23 20.8 21.3 -0.98 - 1.9 8.3/18.8 55994
2008 FR ₇	2009 09 26.0	00 11.09 +01 03.7 20.7 -1.04 - 5.0 0.1/26.0 62529
2007 AN ₂₇	2009 09 26.0	00 11.11 -12 29.1 20.6 -0.95 - 5.1 5.1/21.7 39274
2005 YG ₄₈	2009 09 26.0	00 11.13 +03 19.8 19.8 -0.77 - 4.6 0.7/26.8 62469
2001 XY ₁₀₉	2009 09 26.1	00 11.06 -27 03.6 19.0 -0.90 0.0 12.9/16.6 62332
2002 GV ₅	2009 09 26.1	00 11.08 -18 06.7 20.0 -0.79 - 2.8 4.9/19.9 19576
2008 JA ₂₃	2009 09 26.1	00 11.08 -04 46.1 19.6 -0.74 - 8.3 2.3/23.9 62094
2008 FH ₁₂₈	2009 09 26.1	00 11.09 -05 25.1 21.0 -1.03 - 4.0 2.4/24.1 43299
2008 KA ₃₀	2009 09 26.1	00 11.09 -17 17.1 20.2 -0.82 - 7.9 6.0/19.3 62540
2005 UP ₂₂₉	2009 09 26.1	00 11.17 +01 11.6 19.9 -0.80 - 6.6 0.0/26.1 62450
2005 US ₄₅	2009 09 26.1	00 11.19 -16 20.5 19.0 -1.08 + 1.5 7.1/21.7 62444
2007 AJ	2009 09 26.1	00 11.20 -46 55.7 21.6 -1.19 - 1.2 12.7/10.0 20507
2001 SQ ₂₉₃	2009 09 26.1	00 11.23 +00 11.5 19.5 -0.90 - 4.1 0.4/25.8 62320
2001 XF ₂₆₆	2009 09 26.1	00 11.26 -22 37.6 19.5 -0.98 - 2.8 9.4/18.0 62334
2001 UH ₁₁	2009 09 26.1	00 11.28 -25 36.7 20.7 -1.16 - 0.1 7.6/18.3 22688
2005 XP ₂₂	2009 09 26.1	00 11.35 +00 02.1 19.1 -0.88 - 3.4 0.5/25.8 62465
2002 TB ₁₄₆	2009 09 26.1	00 11.35 +06 32.6 19.5 -0.76 -10.2 2.4/28.2 50683
2005 TO ₉₉	2009 09 26.1	00 11.35 +03 30.1 20.7 -0.90 - 4.4 0.9/26.9 61947
2005 YN ₁₅₅	2009 09 26.1	00 11.43 -39 21.2 19.9 -0.83 - 2.9 10.4/10.1 22805
2004 FB ₁₅₂	2009 09 26.1	00 11.43 -01 37.6 21.0 -0.90 - 6.9 1.0/25.2 62390
2005 UR ₃₇₅	2009 09 26.1	00 11.44 +11 46.6 20.5 -0.81 - 5.5 3.1/29.8 62453
1998 SR ₁₆₅	2009 09 26.1	00 11.50 +07 05.0 18.7 -0.97 - 1.8 2.8/27.9 62295
2008 JD ₅	2009 09 26.2	00 11.44 -10 32.8 19.2 -1.08 + 0.5 5.2/23.2 62538
2005 WS ₁₆₆	2009 09 26.2	00 11.44 -03 55.3 20.5 -0.81 - 5.0 1.7/24.5 62464
2003 ED ₃₁	2009 09 26.2	00 11.45 +03 15.6 21.5 -0.83 - 4.6 0.6/26.9 62369
2237 P-L	2009 09 26.2	00 11.51 +01 21.0 18.6 -0.81 - 1.1 0.0/26.3 62596
2005 UY ₅₂₆	2009 09 26.2	00 11.52 -01 55.3 20.7 -0.81 - 5.3 1.0/25.2 62456
2006 BM ₈₈	2009 09 26.2	00 11.52 -07 46.1 20.7 -0.70 - 5.1 2.4/23.1 62477
2005 KZ ₁₂	2009 09 26.2	00 11.54 +01 11.3 18.5 -1.11 - 1.5 0.0/26.2 62420
2008 DO ₂₅	2009 09 26.2	00 11.55 -08 50.6 19.9 -1.03 - 3.0 3.7/23.4 62525
2004 GW ₃₉	2009 09 26.2	00 11.55 +13 31.8 20.6 -0.88 - 6.9 3.9/30.5 62391
2007 CA ₂₈	2009 09 26.2	00 11.55 +09 27.0 19.3 -0.90 - 3.2 3.0/28.8 62503
2001 VT ₅	2009 09 26.2	00 11.59 +05 46.7 20.1 -0.90 - 5.8 1.6/27.7 62326
2000 QT ₁₆₇	2009 09 26.2	00 11.60 +14 04.0 17.9 -1.00 - 1.9 5.2/29.9 62306
2001 FC ₁₈₆	2009 09 26.2	00 11.62 -09 08.4 20.5 -1.03 - 3.8 3.6/23.2 62314
2002 AS ₁₈₆	2009 09 26.2	00 11.65 +01 05.2 20.3 -0.80 - 6.4 0.1/26.2 62338
2004 TQ ₁₁₁	2009 09 26.2	00 11.66 -00 50.8 20.5 -0.78 - 4.5 0.7/25.6 95517
2002 GO ₆₄	2009 09 26.2	00 11.68 -00 59.8 20.8 -0.76 - 5.6 0.6/25.5 62346

2005 WZ ₄₀	2009 09 26.2	00 11.69 +03 10.3 19.7 -0.81 - 5.1 0.8/26.9 62461
2005 SX ₂₁	2009 09 26.2	00 11.70 +07 33.9 19.7 -0.91 - 4.5 2.3/28.3 60834
2005 SK ₈₀	2009 09 26.2	00 11.70 -02 08.3 20.2 -0.96 - 4.4 1.2/25.2 62433
2005 SD ₁₈₅	2009 09 26.2	00 11.72 +05 10.0 20.2 -0.85 - 6.0 1.4/27.6 62436
2005 OP ₂₂	2009 09 26.2	00 11.77 +00 58.8 19.4 -0.97 - 4.8 0.1/26.2 61924
1998 UZ ₉	2009 09 26.2	00 11.79 +01 14.9 19.4 -0.85 - 6.3 0.0/26.3 61830
2009 PQ ₁₆	2009 09 26.2	00 11.80 +05 45.2 19.3 -1.02 + 2.4 1.9/27.4 62133
2005 YD ₅₂	2009 09 26.2	00 11.80 +02 01.3 20.0 -0.79 - 4.8 0.2/26.5 62469
2007 EX ₁₃₀	2009 09 26.2	00 11.84 +00 09.6 20.6 -0.85 - 6.9 0.4/25.9 62513
2005 NO ₁₂₃	2009 09 26.2	00 11.85 +02 44.4 20.0 -0.87 - 8.8 0.6/26.8 62424
1999 UA ₃₂	2009 09 26.2	00 11.85 -09 17.8 20.1 -0.83 - 2.6 3.1/23.0 62299
2006 BS	2009 09 26.2	00 11.86 -19 38.7 20.1 -0.94 - 0.3 5.5/20.1 01223
2005 TW ₁₂₆	2009 09 26.3	00 11.79 +00 09.8 20.7 -0.87 - 4.7 0.4/25.9 62441
2004 TE ₉₇	2009 09 26.3	00 11.80 +03 35.6 20.0 -0.72 - 7.8 0.8/27.1 62405
2008 EN ₅₂	2009 09 26.3	00 11.81 +00 17.7 19.1 -0.97 - 3.8 0.4/26.0 62527
2007 ED ₇	2009 09 26.3	00 11.81 -00 26.3 20.3 -0.77 - 5.7 0.5/25.7 20549
2008 FC ₃₃	2009 09 26.3	00 11.84 +01 05.5 20.0 -0.91 - 8.2 0.1/26.3 62084
2004 TZ ₁₁₀	2009 09 26.3	00 11.84 -04 56.5 21.0 -0.82 - 2.6 1.6/24.4 60815
2007 EX ₆₅	2009 09 26.3	00 11.86 -03 04.6 20.8 -0.89 - 1.0 1.2/25.1 62052
2008 CE ₉₅	2009 09 26.3	00 11.91 -08 48.3 20.5 -0.95 - 5.3 3.8/23.2 62524
2001 BU ₇₇	2009 09 26.3	00 11.96 +19 48.3 20.9 -0.72 - 5.2 4.2/03.0 12283
2003 FW ₆₇	2009 09 26.3	00 11.96 -11 01.8 19.7 -0.90 - 2.5 4.1/22.7 58449
2000 BP ₃₇	2009 09 26.3	00 11.99 +07 43.7 19.5 -0.97 - 4.8 2.7/28.3 62302
2002 HW ₁₅	2009 09 26.3	00 11.99 -01 49.7 20.4 -0.73 - 4.9 0.9/25.3 62347
1998 TR ₂₀	2009 09 26.3	00 11.99 -04 57.0 19.9 -0.98 - 3.6 2.3/24.5 62295
2005 NK ₅₂	2009 09 26.3	00 12.01 -03 46.4 18.8 -0.95 - 4.8 2.1/24.8 62423
2007 AU ₂₁	2009 09 26.3	00 12.02 +00 29.9 20.4 -0.96 - 5.0 0.3/26.1 62499
2002 TQ ₃₆₃	2009 09 26.3	00 12.02 -04 41.3 20.7 -0.87 - 5.9 2.8/24.4 62360
2003 FR ₁₂₄	2009 09 26.3	00 12.05 +10 00.4 20.0 -0.77 - 6.5 2.4/29.4 62371
2005 UH ₁₅₆	2009 09 26.3	00 12.05 -29 42.3 18.7 -0.36 - 4.5 16.0/10.1 61965
2001 XX ₉₄	2009 09 26.3	00 12.05 +12 33.0 19.6 -0.88 - 5.1 4.1/30.0 62332
2005 UE ₂₅₈	2009 09 26.3	00 12.06 +02 15.3 20.4 -0.80 - 6.9 0.3/26.7 62450
2001 XX ₂₅₂	2009 09 26.3	00 12.08 -07 17.9 20.4 -0.88 - 6.6 2.9/23.4 19561
2005 YR ₂₈₀	2009 09 26.3	00 12.08 -00 36.4 20.5 -0.74 - 5.2 0.6/25.7 18171
2004 CO ₆	2009 09 26.3	00 12.08 +12 35.7 21.1 -1.30 + 0.5 4.1/29.0 87612
2005 UB ₁₃₆	2009 09 26.3	00 12.08 +00 56.4 19.5 -0.72 - 6.8 0.2/26.2 62447
2006 AF ₄₉	2009 09 26.3	00 12.10 -00 26.6 20.2 -0.80 - 4.4 0.6/25.8 60858
2004 XX ₆₄	2009 09 26.3	00 12.13 +21 43.0 18.8 -0.78 - 3.0 8.1/03.5 62414
2002 RH ₅₆	2009 09 26.3	00 12.15 +08 29.5 19.0 -1.00 - 2.7 3.4/28.5 61860
2005 UA ₂₃₄	2009 09 26.3	00 12.15 -08 29.2 20.6 -0.84 - 5.1 3.3/23.1 61970
2007 BC ₇₁	2009 09 26.3	00 12.18 +09 48.9 20.9 -0.87 - 4.5 2.7/29.1 62502
1999 TU ₂₂₅	2009 09 26.3	00 12.18 -01 28.0 18.7 -0.87 - 2.2 1.0/25.6 62298
2008 HR ₃₇	2009 09 26.3	00 12.19 +08 42.0 20.6 -0.93 - 6.5 2.5/28.8 62093
2001 YO ₇₁	2009 09 26.3	00 12.20 -01 57.3 19.8 -0.92 - 5.2 1.2/25.4 62335
2005 SV ₃₂	2009 09 26.3	00 12.20 -01 51.6 20.3 -0.81 - 7.1 1.2/25.3 60834
2008 EQ ₁₁₉	2009 09 26.4	00 12.14 +00 03.5 20.0 -1.07 - 0.9 0.5/26.1 62528
2006 TE ₉₂	2009 09 26.4	00 12.14 -03 02.3 20.0 -1.05 - 3.2 2.0/25.1 62017
1999 VC ₄₃	2009 09 26.4	00 12.15 -14 39.2 19.8 -0.81 - 3.0 5.0/21.3 62299
2006 AA ₂₇	2009 09 26.4	00 12.18 +01 43.5 21.9 -0.72 - 4.9 0.1/26.5 60858
2005 NT ₆₇	2009 09 26.4	00 12.21 +11 08.7 20.4 -0.98 - 5.8 3.6/29.6 62423
2006 WD ₁₇₅	2009 09 26.4	00 12.21 -12 12.8 20.1 -0.93 - 4.8 4.6/22.1 40170

2006 BY ₁₁₇	2009 09 26.4	00 12.22 +03 35.6 20.5	-0.76 - 3.9	0.6/27.2	62477
2007 EU ₉₂	2009 09 26.4	00 12.24 -04 35.6 21.5	-0.69 - 6.5	1.5/24.3	22882
2005 WT ₁₀₁	2009 09 26.4	00 12.24 +25 33.4 17.8	-0.65 - 6.8	11.1/06.6	62462
2008 HV ₂₁	2009 09 26.4	00 12.27 -02 11.6 20.9	-0.92 - 5.4	1.2/25.3	62536
2005 TK ₁₂₃	2009 09 26.4	00 12.34 -03 19.1 20.5	-1.00 - 0.8	2.0/25.2	61948
2001 SS ₂₄₃	2009 09 26.4	00 12.36 -01 48.7 19.8	-1.10 + 1.0	1.4/25.7	62320
2004 JS ₂₆	2009 09 26.4	00 12.42 -45 01.3 20.8	-1.26 + 1.7	13.6/11.4	40124
2006 UN ₃₅₉	2009 09 26.4	00 12.45 +06 10.3 20.2	-0.97 - 5.9	2.2/28.0	59508
2005 ST ₇₆	2009 09 26.4	00 12.53 +00 06.7 20.3	-0.85 - 6.0	0.5/26.1	62433
2002 TT ₈₈	2009 09 26.4	00 12.54 +11 19.0 18.9	-0.74 - 5.2	5.2/30.0	61866
2008 CY ₇₅	2009 09 26.4	00 12.58 +01 27.2 19.9	-1.04 - 2.0	0.0/26.5	62069
2005 UA ₄₉₄	2009 09 26.4	00 12.59 -01 09.6 19.0	-1.06 + 0.5	1.0/25.9	62455
2005 TX ₁₂₀	2009 09 26.5	00 12.50 +00 14.2 21.1	-0.84 - 5.9	0.4/26.1	62441
2005 VO ₁₁₆	2009 09 26.5	00 12.51 +04 07.7 19.1	-0.89 - 3.7	1.1/27.4	62459
2005 MD ₁₂	2009 09 26.5	00 12.51 -03 35.9 20.6	-0.93 - 5.8	2.0/24.9	62421
2002 PE ₁₁₃	2009 09 26.5	00 12.52 +17 24.4 18.9	-0.93 + 0.4	8.7/01.3	62350
2005 YS ₁	2009 09 26.5	00 12.52 +01 44.0 19.9	-0.78 - 7.9	0.1/26.6	62467
2006 AQ ₉₁	2009 09 26.5	00 12.52 +03 06.6 21.1	-0.76 - 4.5	0.5/27.1	62475
2005 YX ₁₅	2009 09 26.5	00 12.55 +05 50.9 20.6	-0.73 - 4.6	1.2/28.0	60855
2004 CX ₉₉	2009 09 26.5	00 12.55 -03 24.1 20.8	-0.93 - 5.3	1.6/25.0	62385
2004 LM ₃	2009 09 26.5	00 12.56 -15 45.1 20.0	-0.82 - 6.9	5.5/20.5	62393
2004 CU ₁₁₂	2009 09 26.5	00 12.58 +02 10.9 19.8	-1.11 - 2.6	0.4/26.7	61886
2005 VW ₁₀₉	2009 09 26.5	00 12.59 +07 33.8 20.2	-0.59 - 8.0	3.1/28.9	61984
2008 EW ₁₄₇	2009 09 26.5	00 12.60 -01 14.5 19.4	-0.82 - 9.8	1.1/25.6	62081
2005 TS ₃₉	2009 09 26.5	00 12.61 +05 56.3 19.8	-0.77 -10.0	1.5/28.2	62439
2008 EQ ₂₅	2009 09 26.5	00 12.61 -10 13.4 20.5	-1.04 - 4.4	4.4/23.0	62526
2003 EQ	2009 09 26.5	00 12.61 -12 05.7 21.3	-0.89 - 4.3	4.1/22.2	16246
2005 UL ₅₉	2009 09 26.5	00 12.63 -04 27.3 20.6	-0.88 - 4.4	2.0/24.7	62444
2004 TQ ₃₂₂	2009 09 26.5	00 12.66 +10 18.7 19.3	-0.70 - 6.4	2.6/29.8	62410
2008 GM ₁₀₉	2009 09 26.5	00 12.69 -17 59.8 19.4	-0.89 - 2.9	7.0/20.3	62535
2006 YC ₃₉	2009 09 26.5	00 12.71 -02 25.0 21.4	-0.82 - 4.9	1.1/25.3	16377
2004 CX ₄	2009 09 26.5	00 12.71 -11 49.4 19.4	-0.98 - 6.1	5.8/22.2	60795
2004 QT ₁₈	2009 09 26.5	00 12.73 +10 10.9 19.1	-0.98 - 1.1	3.0/29.1	61894
2006 VZ ₁₀₂	2009 09 26.5	00 12.78 -19 04.3 19.2	-1.07 + 3.3	10.8/21.7	62492
2006 BD ₁₇	2009 09 26.5	00 12.79 -09 20.2 20.2	-0.70 - 4.8	2.8/22.9	62476
2008 HT ₆₅	2009 09 26.5	00 12.80 -16 14.6 19.9	-0.82 - 2.5	5.6/21.1	40608
2004 OL ₃	2009 09 26.5	00 12.80 +23 00.3 20.5	-0.98 - 3.3	6.6/03.9	70371
2007 EK ₁₈	2009 09 26.5	00 12.81 -01 28.6 19.9	-0.73 - 6.6	0.9/25.6	60890
2005 VO ₁₃₅	2009 09 26.5	00 12.86 +07 45.3 20.6	-0.82 - 5.1	2.2/28.7	62459
2005 WY ₁₈₅	2009 09 26.5	00 12.88 +15 06.8 19.0	-0.82 - 6.6	4.9/01.4	62464
1997 WP ₄	2009 09 26.5	00 12.89 -08 00.8 19.4	-0.92 - 3.1	3.9/23.7	62293
2002 RC ₅₅	2009 09 26.5	00 12.89 +07 53.9 18.8	-0.80 -10.0	2.9/29.0	62353
2003 SY ₂₅₀	2009 09 26.6	00 12.92 -09 48.7 18.8	-0.93 + 0.8	3.5/23.7	62377
2007 BR ₂₇	2009 09 26.6	00 12.93 +02 54.7 20.1	-0.92 - 5.8	0.6/27.1	62500
2007 DN ₁₄	2009 09 26.6	00 13.02 -06 28.7 20.1	-0.85 - 4.6	3.0/24.1	62505
2006 WN ₁₉₂	2009 09 26.6	00 13.03 +04 57.0 20.6	-0.93 - 6.4	1.3/27.8	62495
2003 SD ₃₃	2009 09 26.6	00 13.05 +06 02.5 19.8	-0.83 - 2.2	1.5/28.1	62375
2006 UP ₂₃₈	2009 09 26.6	00 13.05 +07 01.6 20.3	-1.01 - 7.0	2.3/28.5	62490
2001 DA ₆	2009 09 26.6	00 13.07 -17 42.1 19.8	-0.69 - 6.1	4.7/19.6	41763
1995 UB ₂	2009 09 26.6	00 13.09 +14 00.7 20.2	-0.87 -13.0	4.2/01.5	62292
2004 TS ₃₈	2009 09 26.6	00 13.11 -19 30.7 20.4	-1.00 + 0.8	5.8/21.0	19635

2005 HV ₁	2009 09 26.6	00 13.14 -09 25.5 19.3	-1.05 - 2.5	4.9/23.6	62419
2005 ST ₂₇₂	2009 09 26.6	00 13.15 +02 02.3 20.4	-0.84 - 6.2	0.2/26.9	62438
2007 AX ₁₆	2009 09 26.6	00 13.16 +07 58.3 20.5	-0.93 - 5.1	2.3/28.8	62499
2006 AM ₉₃	2009 09 26.6	00 13.16 +18 39.8 20.6	-0.83 - 2.1	4.9/02.2	01220
2005 VO ₁₃₀	2009 09 26.6	00 13.17 -05 17.0 21.5	-0.82 - 6.2	2.0/24.4	40155
2005 QM ₄₅	2009 09 26.6	00 13.19 +05 09.6 20.0	-1.07 - 0.4	1.6/27.7	62426
2008 HY ₆₄	2009 09 26.6	00 13.20 -11 18.3 19.7	-0.75 - 4.6	4.6/22.4	40029
2004 RQ ₉₂	2009 09 26.6	00 13.20 +16 50.4 20.2	-0.93 - 3.3	5.0/01.7	40128
2005 VZ ₁₃₃	2009 09 26.6	00 13.23 -11 08.1 20.3	-0.76 - 8.5	4.1/22.1	60850
2006 BF ₂₆₃	2009 09 26.6	00 13.25 +12 34.5 18.8	-0.95 + 0.2	3.7/29.7	62479
2008 JZ ₈	2009 09 26.6	00 13.26 -02 44.0 19.7	-0.78 - 9.7	1.5/25.2	62538
2005 NL ₈₀	2009 09 26.6	00 13.26 +09 05.2 20.1	-1.03 - 5.5	2.7/29.1	62423
2007 DW ₇₄	2009 09 26.6	00 13.27 +00 06.7 20.1	-0.77 - 5.9	0.4/26.2	62507
2004 GK ₈₄	2009 09 26.6	00 13.27 -00 48.0 20.8	-0.93 - 5.4	0.8/26.0	60802
2001 YT ₈	2009 09 26.6	00 13.27 +09 31.0 19.0	-0.87 - 4.9	3.0/29.3	62334
1999 JR ₅₀	2009 09 26.6	00 13.28 -15 36.7 20.6	-0.86 - 4.3	4.7/21.1	21293
2008 FH ₄₀	2009 09 26.6	00 13.28 -05 45.2 20.8	-0.99 - 4.0	2.7/24.5	62530
2004 QA ₁₂	2009 09 26.7	00 13.22 -03 21.8 18.9	-1.04 + 1.4	1.9/25.5	62396
2002 FM ₈	2009 09 26.7	00 13.24 +07 22.3 20.3	-0.75 - 6.4	1.7/28.8	62345
2005 VM ₁₁₄	2009 09 26.7	00 13.25 -09 19.2 20.0	-0.85 - 3.6	3.7/23.3	62459
2004 XL ₁₇₉	2009 09 26.7	00 13.25 -00 22.8 19.8	-0.73 - 5.3	0.6/26.1	60821
2006 BA ₆	2009 09 26.7	00 13.27 +15 52.4 20.4	-0.76 - 4.5	4.0/01.7	98090
2005 QW ₁₀	2009 09 26.7	00 13.28 +02 24.5 19.1	-0.92 - 5.7	0.4/27.0	62426
2002 GB ₁₂₀	2009 09 26.7	00 13.28 -19 39.4 19.9	-0.81 - 2.7	6.5/19.8	62347
2005 XQ ₆₅	2009 09 26.7	00 13.29 +15 59.8 19.1	-0.86 - 4.5	5.6/01.5	62466
2005 NW ₆	2009 09 26.7	00 13.29 -29 40.7 21.2	-0.95 - 7.3	9.8/15.0	39216
2008 FN ₁₁₃	2009 09 26.7	00 13.31 -02 41.5 21.2	-0.93 - 6.0	1.5/25.4	41920
2005 TJ ₁₆	2009 09 26.7	00 13.37 +03 53.5 19.8	-0.88 - 4.2	1.1/27.5	97848
2005 UN ₃₀₂	2009 09 26.7	00 13.37 -16 39.1 19.8	-0.86 - 4.4	6.2/20.6	01068
2004 LH ₁₆	2009 09 26.7	00 13.41 -19 14.1 19.0	-0.77 - 7.9	8.5/19.3	62393
2004 CF ₉₇	2009 09 26.7	00 13.45 -01 14.6 20.3	-0.94 - 7.0	1.0/25.9	60797
2007 HF ₆₂	2009 09 26.7	00 13.46 -08 57.3 20.1	-0.89 - 1.7	3.5/23.7	62520
2007 AK ₉	2009 09 26.7	00 13.47 +02 11.3 21.0	-0.97 - 4.8	0.3/27.0	18185
2007 GH ₂₅	2009 09 26.7	00 13.54 -20 16.0 22.2	-0.71 - 4.6	4.9/19.0	20602
2001 WE ₂₅	2009 09 26.7	00 13.54 +06 23.0 20.4	-0.85 - 7.3	2.1/28.4	62329
2007 EZ ₉₉	2009 09 26.7	00 13.54 +00 20.2 20.8	-0.78 - 4.5	0.3/26.4	62512
2004 TP ₉₉	2009 09 26.7	00 13.54 -00 57.3 20.8	-0.72 - 5.2	0.7/25.9	60815
2007 FC ₄₂	2009 09 26.7	00 13.55 +01 37.1 19.8	-0.69 - 7.5	0.0/26.8	42880
2008 GG ₆₈	2009 09 26.7	00 13.57 +05 41.6 19.9	-0.75 -10.9	1.4/28.4	62534
2002 CG ₃₁₄	2009 09 26.7	00 13.60 +00 18.5 21.3	-0.89 - 2.9	0.3/26.4	62343
2007 EO ₁₉	2009 09 26.7	00 13.61 +03 16.5 21.3	-0.92 - 5.3	0.7/27.4	19380
2007 EM ₈₃	2009 09 26.7	00 13.63 -04 48.3 20.9	-0.88 - 4.8	2.1/24.8	58565
2008 DX ₁₄	2009 09 26.7	00 13.63 +02 43.0 19.8	-1.05 - 3.4	0.5/27.1	62525
2008 JY ₂₆	2009 09 26.7	00 13.64 -19 21.3 19.6	-0.92 - 1.1	6.9/20.7	59811
2002 ES ₁₂₉	2009 09 26.8	00 13.58 -01 19.1 19.8	-0.68 - 9.8	0.9/25.7	62345
2006 BK ₁₆₀	2009 09 26.8	00 13.60 -15 31.6 19.8	-0.74 - 4.8	4.8/20.8	62478
2003 SE ₂₅₄	2009 09 26.8	00 13.61 +15 36.7 20.7	-0.71 - 4.7	4.0/01.8	76012
2004 RQ ₂₂₉	2009 09 26.8	00 13.67 +07 42.4 20.2	-0.71 - 7.6	2.0/29.1	20800
2005 UB ₉₈	2009 09 26.8	00 13.68 +01 37.6 20.6	-0.80 - 7.0	0.0/26.9	62446
2004 CC ₁₀	2009 09 26.8	00 13.68 +07 46.8 19.6	-1.09 - 3.3	2.7/28.6	62384
2002 CK ₃₉	2009 09 26.8	00 13.68 +06 14.3 20.1	-0.84 - 4.5	1.6/28.4	62340

2004 FK ₁₂₁	2009 09 26.8	00 13.70	-13 53.6	21.1	-0.96	- 3.2	5.3/22.2	60365
2005 VP ₃₂	2009 09 26.8	00 13.71	+17 45.1	20.2	-0.79	- 7.5	5.6/02.8	55202
1999 XV ₁₄	2009 09 26.8	00 13.73	+29 59.3	20.0	-0.97	- 7.8	9.2/07.5	62300
2004 PF ₉₅	2009 09 26.8	00 13.78	+11 11.9	18.9	-0.82	- 4.8	3.6/30.0	62395
2008 CC ₇₆	2009 09 26.8	00 13.79	-07 27.1	20.4	-0.92	- 6.2	3.2/24.0	62523
2007 FX ₂	2009 09 26.8	00 13.80	-23 26.5	20.1	-0.90	- 6.0	8.3/17.6	60892
2005 UP ₄₆₇	2009 09 26.8	00 13.81	+08 57.9	19.5	-0.86	- 4.5	2.6/29.3	62454
2004 BM ₈₁	2009 09 26.8	00 13.82	+10 21.9	19.3	-1.09	- 3.1	3.6/29.4	62383
2007 BB ₆	2009 09 26.8	00 13.85	+18 31.3	20.4	-0.86	- 5.6	5.0/02.8	21664
2004 JM ₄₁	2009 09 26.8	00 13.85	-11 03.1	20.3	-0.93	- 3.6	4.5/23.0	62393
2007 ET ₁₈₂	2009 09 26.8	00 13.86	+09 24.3	20.5	-0.67	- 6.9	2.0/29.8	62515
2008 FW ₂₁	2009 09 26.8	00 13.86	-07 43.8	20.9	-0.84	- 6.6	3.3/23.8	62084
2008 FM ₄	2009 09 26.8	00 13.90	-03 02.4	21.5	-0.99	- 5.5	1.6/25.5	56129
1995 SL ₈₀	2009 09 26.8	00 13.91	+03 19.2	20.8	-0.79	- 5.7	0.6/27.5	62292
2008 KK ₄₀	2009 09 26.8	00 13.91	-08 44.9	19.5	-0.75	- 4.7	3.3/23.4	62540
2000 KJ ₁₃	2009 09 26.8	00 13.91	-11 04.5	21.3	-0.93	- 3.9	4.0/23.0	40087
2004 PV ₇₁	2009 09 26.8	00 13.93	+17 32.5	19.9	-1.00	- 1.4	5.8/01.7	62395
2005 JF ₁₉	2009 09 26.8	00 13.95	+06 45.2	18.7	-0.85	- 8.1	2.6/28.7	62419
2005 XC ₈₅	2009 09 26.8	00 13.96	-02 34.6	20.7	-0.85	- 3.9	1.4/25.6	62467
2003 JN ₂	2009 09 26.8	00 13.97	-37 09.5	19.7	-1.69	+ 6.4	18.7/17.4	62372
2007 BB ₇₅	2009 09 26.8	00 13.99	+11 48.8	20.6	-0.95	- 2.5	3.5/30.0	62037
2007 EE ₂₅	2009 09 26.8	00 14.00	+01 55.3	21.4	-0.70	- 5.3	0.1/27.0	62510
2006 VF ₁₉	2009 09 26.8	00 14.01	+07 51.5	20.6	-0.96	- 6.6	2.4/29.0	40168
2007 BK ₆₁	2009 09 26.8	00 14.01	+06 51.7	21.4	-0.98	- 4.7	2.0/28.5	41859
2006 XZ ₄₃	2009 09 26.9	00 13.94	-38 41.4	19.9	-1.00	- 6.6	14.2/10.0	16373
2007 CA ₅₃	2009 09 26.9	00 13.94	-08 04.9	20.3	-0.76	- 7.0	2.9/23.5	62042
2005 YL ₂₆₂	2009 09 26.9	00 13.94	-03 04.5	19.9	-0.77	- 5.5	1.5/25.4	62473
2008 CM ₁₈₀	2009 09 26.9	00 13.95	+40 20.3	19.8	-1.59	+ 3.3	18.6/08.4	37706
2001 DN ₂	2009 09 26.9	00 13.97	-01 02.2	19.9	-0.77	- 5.6	0.9/26.0	19534
2002 QH ₅₉	2009 09 26.9	00 13.97	-01 51.1	20.1	-1.02	- 4.3	1.4/25.9	62351
2001 SF ₁₄₄	2009 09 26.9	00 13.97	+12 24.2	18.6	-1.76	+ 8.8	5.9/28.4	61839
2008 GR ₁₀₅	2009 09 26.9	00 13.99	-03 52.8	18.8	-1.24	+ 3.3	2.5/25.8	62535
2008 DX ₆₇	2009 09 26.9	00 14.01	+07 55.7	20.5	-0.94	- 7.5	2.4/29.1	62526
2008 EO ₄₆	2009 09 26.9	00 14.01	-05 18.8	21.4	-0.93	- 6.2	2.3/24.7	40200
2001 XD ₁₆₁	2009 09 26.9	00 14.03	-03 56.6	20.1	-0.84	- 5.5	2.0/25.1	62333
2009 SC ₁₀₅	2009 09 26.9	00 14.06	+06 46.3	19.1	-0.74	- 7.5	2.2/28.8	62215
2002 QF ₁₀₆	2009 09 26.9	00 14.08	-10 37.7	19.5	-0.90	- 3.1	6.0/23.2	62352
2001 UF ₁₂₁	2009 09 26.9	00 14.08	-09 38.0	19.1	-0.95	- 1.7	4.9/23.6	62325
2003 DY ₅	2009 09 26.9	00 14.08	-01 37.3	19.3	-0.91	- 5.9	1.3/25.9	62368
2008 FB ₁₂₈	2009 09 26.9	00 14.09	-09 59.7	19.9	-0.95	- 3.7	4.8/23.4	62532
2006 GS ₄₉	2009 09 26.9	00 14.10	-16 06.6	22.4	-0.86	- 1.9	4.0/21.4	59109
2007 DT ₅₉	2009 09 26.9	00 14.14	+02 04.6	21.3	-0.86	- 4.8	0.2/27.1	59789
2003 BE ₅₂	2009 09 26.9	00 14.14	+04 54.3	20.0	-0.87	- 6.2	1.1/28.1	62367
2005 WC ₁₉	2009 09 26.9	00 14.15	+19 48.3	19.8	-0.80	- 6.4	5.7/03.6	61987
2002 GK ₁₃	2009 09 26.9	00 14.15	+05 02.4	19.7	-0.71	- 6.5	1.0/28.2	62345
2000 EO ₃₅	2009 09 26.9	00 14.19	-01 35.4	20.2	-0.92	- 5.5	1.1/26.0	14597
2006 GD ₄	2009 09 26.9	00 14.20	+09 37.2	19.6	-0.88	- 1.6	2.5/29.3	62015
2002 VC ₁₃₅	2009 09 26.9	00 14.22	-05 05.5	20.4	-0.95	- 5.5	2.5/24.9	59689
2007 EE ₂₀₆	2009 09 26.9	00 14.23	+06 38.8	20.3	-0.72	- 6.9	1.5/28.8	62516
2003 YS ₂₅	2009 09 26.9	00 14.23	-11 32.8	17.9	-0.91	- 3.0	6.8/22.9	62381
2001 XU ₂₂₇	2009 09 26.9	00 14.28	-00 17.7	20.3	-0.89	- 4.5	0.7/26.4	62334

2001 FX ₁₄₀	2009 09 26.9	00 14.29	-01 09.3	20.8	-0.98	- 5.1	1.0/26.1	39707
2009 SB ₃	2009 09 26.9	00 14.29	+08 30.3	19.1	-0.93	- 3.5	3.2/29.1	62199
2006 WD ₉₅	2009 09 26.9	00 14.31	-10 05.4	21.6	-0.94	- 5.0	3.8/23.3	62494
2004 TH ₁₄₅	2009 09 26.9	00 14.31	+03 00.7	19.5	-0.89	- 1.9	0.5/27.4	61904
2007 DJ ₈₆	2009 09 26.9	00 14.32	+11 59.2	19.9	-1.58	+ 6.7	5.0/28.6	62048
2001 DC ₄₉	2009 09 26.9	00 14.32	-21 05.7	20.3	-0.71	- 4.4	5.3/18.9	19057
2000 SL ₄₁	2009 09 26.9	00 14.33	-07 28.6	18.9	-0.89	- 2.9	3.3/24.2	62307
2009 SQ ₇₁	2009 09 26.9	00 14.34	+02 29.2	20.9	-0.76	- 5.5	0.3/27.3	62211
2005 SN ₂₈₂	2009 09 26.9	00 14.36	-10 53.5	20.8	-0.87	- 2.7	5.6/23.2	21840
2005 YY ₃₄	2009 09 26.9	00 14.37	-19 39.0	20.6	-0.79	- 7.0	6.7/18.9	26113
2006 WH ₄₀	2009 09 26.9	00 14.37	-10 27.7	19.5	-0.89	- 6.8	5.5/22.9	62494
2002 TQ ₃₇₈	2009 09 26.9	00 14.38	-02 10.0	19.4	-1.18	0.0	1.6/26.1	62360
2008 CO ₁₁	2009 09 26.9	00 14.42	+22 22.4	20.4	-1.53	+ 2.8	9.6/01.7	40502
2005 WP ₃₂	2009 09 27.0	00 14.32	-01 08.0	20.3	-0.81	- 4.5	0.9/26.1	18157
2007 GK ₃₃	2009 09 27.0	00 14.35	+02 34.3	21.0	-0.71	- 5.4	0.3/27.4	62518
2005 QF ₆₀	2009 09 27.0	00 14.41	+05 49.5	19.0	-0.97	- 3.5	1.8/28.3	62427
2008 FR ₁₀₄	2009 09 27.0	00 14.42	-17 14.7	20.1	-1.01	+ 0.1	7.2/21.9	41576
2008 ES ₁₀₀	2009 09 27.0	00 14.43	+12 36.5	18.1	-1.69	+ 9.2	6.1/28.6	62528
2001 DD ₈₃	2009 09 27.0	00 14.44	-04 41.5	20.9	-0.67	- 6.8	1.7/24.8	62312
2008 KJ ₂₀	2009 09 27.0	00 14.46	-03 56.5	21.2	-0.84	- 6.8	1.9/25.2	62540
2006 BV ₈₇	2009 09 27.0	00 14.47	-01 07.2	21.4	-0.72	- 4.4	0.7/26.1	20486
2004 TY ₁₃	2009 09 27.0	00 14.48	-12 47.6	18.1	-0.87	- 0.7	5.6/22.8	62403
2001 FF ₁₃₀	2009 09 27.0	00 14.49	+04 31.4	20.4	-0.81	- 4.1	0.9/28.0	62313
2007 DF ₃₈	2009 09 27.0	00 14.49	+05 33.6	20.2	-0.93	- 3.7	1.5/28.3	19703
1999 JV ₁₁₆	2009 09 27.0	00 14.50	+15 03.1	19.6	-0.84	- 6.1	4.2/01.8	60722
2005 TA ₁₇₁	2009 09 27.0	00 14.50	+04 04.2	18.2	-0.83	- 0.1	1.3/27.8	62442
2005 NR ₁₂₄	2009 09 27.0	00 14.51	+12 44.9	20.2	-0.90	- 7.2	4.4/30.9	62424
2005 WZ ₉₆	2009 09 27.0	00 14.52	+03 07.9	20.7	-0.78	- 5.3	0.5/27.6	62462
2008 FZ ₉₀	2009 09 27.0	00 14.56	+01 12.5	20.4	-1.00	- 5.3	0.1/26.9	62531
2007 HT ₁₀	2009 09 27.0	00 14.59	+05 14.2	20.1	-0.71	- 7.8	1.1/28.4	62519
2000 EW ₃₃	2009 09 27.0	00 14.61	-12 04.3	20.5	-0.87	- 6.6	4.4/22.4	50888
2004 HL ₄₈	2009 09 27.0	00 14.62	+26 41.9	19.5	-1.01	- 8.9	8.7/06.1	62392
2005 WE ₃	2009 09 27.0	00 14.64	-01 31.1	18.4	-0.64	-10.9	1.3/25.9	61985
2008 KU ₁₃	2009 09 27.0	00 14.66	-23 32.8	20.4	-0.87	- 5.3	8.1/18.2	40774
2006 VD ₁₇₂	2009 09 27.0	00 14.69	-12 49.4	19.8	-0.92	- 5.9	5.8/22.2	62493
2008 FP ₈₄	2009 09 27.0	00 14.72	-01 24.9	19.0	-0.93	- 5.1	1.3/26.2	62531
2004 VZ ₂₆	2009 09 27.0	00 14.75	-36 37.6	19.4	-1.14	+ 2.7	12.2/15.0	60819
2005 SS ₁₀₈	2009 09 27.1	00 14.66	-01 15.5	19.9	-0.91	- 3.4	0.9/26.2	62434
2005 VP ₈₅	2009 09 27.1	00 14.66	+01 05.4	20.6	-0.79	- 6.7	0.2/26.9	62458
2006 WW ₅₂	2009 09 27.1	00 14.67	-07 27.2	21.6	-0.99	- 4.9	3.2/24.3	62494
2002 VV ₁₈	2009 09 27.1	00 14.68	-02 27.6	19.2	-0.94	- 5.3	1.8/25.8	62361
2005 TH ₁₀₇	2009 09 27.1	00 14.69	+00 29.0	20.7	-0.81	- 6.8	0.4/26.7	61947
2002 GO ₁₃₁	2009 09 27.1	00 14.69	+04 54.6	19.9	-0.99	- 7.7	1.4/28.2	62347
2007 DZ ₁₀₅	2009 09 27.1	00 14.77	+01 20.3	20.9	-0.76	- 4.7	0.1/27.0	62508
2004 TW ₅₃	2009 09 27.1	00 14.78	+08 39.2	19.4	-0.70	- 7.4	2.2/29.7	61902
2005 WJ ₁₈₇	2009 09 27.1	00 14.79	+08 16.2	20.2	-0.83	- 4.9	2.4/29.3	61996
2001 CZ ₁₀	2009 09 27.1	00 14.80	+09 37.8	19.4	-0.52	- 2.2	1.4/29.9	47163
2006 BO ₁₇₇	2009 09 27.1	00 14.83	-07 21.8	19.6	-0.70	- 7.7	3.0/23.8	62478
2000 YM	2009 09 27.1	00 14.83	+18 35.6	19.2	-1.12	+ 1.8	7.2/01.2	62311
2007 CR ₅₆	2009 09 27.1	00 14.86	-06 22.9	20.4	-0.76	- 8.8	2.5/24.2	62042
2005 RE ₄₅	2009 09 27.1	00 14.88	+19 49.0	18.8	-1.10	+ 0.7	8.0/02.3	62431

2008 FV ₁₂₅	2009 09 27.1	00 14.89 +12 41.8 19.8	-0.79 - 9.3	4.1/01.3	62532
2005 NB ₉	2009 09 27.1	00 14.89 +12 52.7 20.0	-0.98 - 5.1	4.1/30.8	62422
2001 VZ ₂₁	2009 09 27.1	00 14.90 -53 43.9 18.7	-1.72 +17.5	27.7/20.8	60750
2005 QV ₈₈	2009 09 27.1	00 14.92 +02 33.1 19.7	-0.91 - 4.9	0.3/27.5	62427
2004 VF ₈₅	2009 09 27.1	00 14.92 +06 33.0 20.5	-0.71 - 5.2	1.4/28.9	62412
2005 WA ₄₅	2009 09 27.1	00 14.92 +06 00.4 19.5	-0.81 - 5.6	1.8/28.6	62461
2007 ET ₁₆₃	2009 09 27.1	00 14.93 -05 43.7 20.1	-0.72 - 5.1	2.0/24.7	62514
2004 TK ₃₃₃	2009 09 27.1	00 14.96 -00 01.3 20.8	-0.73 - 4.5	0.4/26.6	62410
2005 VY ₁₂	2009 09 27.1	00 14.97 -02 34.4 19.4	-0.91 - 3.3	1.5/25.9	62456
2007 GK ₆₁	2009 09 27.1	00 14.99 +11 38.0 20.5	-0.70 - 5.7	2.6/30.7	62519
2005 SY ₂₅₃	2009 09 27.1	00 15.03 +06 29.7 19.4	-0.87 - 5.6	2.1/28.8	62438
2007 DH ₁₀₂	2009 09 27.1	00 15.03 -00 17.4 18.9	-0.89 - 4.4	0.9/26.6	62508
2006 BR ₄₃	2009 09 27.1	00 15.04 +16 59.6 19.8	-0.88 - 2.1	4.9/01.9	62476
2008 HF ₂₆	2009 09 27.1	00 15.05 -08 16.5 21.0	-0.95 - 6.5	3.5/23.9	62536
2006 BJ ₆₄	2009 09 27.1	00 15.09 +12 02.0 20.8	-0.82 - 3.2	3.4/30.5	62008
2009 SY ₈₉	2009 09 27.1	00 15.10 +09 47.1 19.5	-0.91 - 2.1	3.4/29.6	62213
2003 FX ₄₇	2009 09 27.1	00 15.11 +01 48.1 20.1	-0.97 - 3.1	0.1/27.2	62370
2003 EL ₁₁	2009 09 27.2	00 15.02 +04 31.9 20.7	-0.85 - 7.1	0.9/28.2	62369
2008 GB ₁₂₇	2009 09 27.2	00 15.02 -27 17.2 21.2	-0.96 - 1.9	9.2/18.0	40593
2006 BD ₃₄	2009 09 27.2	00 15.03 -03 39.9 20.1	-0.74 - 6.3	1.6/25.4	98095
2002 GX ₁₃₁	2009 09 27.2	00 15.03 -03 32.5 19.7	-0.88 - 2.2	1.6/25.7	62347
2001 XP ₂₃₄	2009 09 27.2	00 15.03 -26 39.1 18.2	-0.87 + 2.4	14.1/18.1	62334
2005 UY ₄₈₇	2009 09 27.2	00 15.04 +22 47.4 19.3	-0.88 - 4.5	8.6/04.5	62455
2005 SK ₆	2009 09 27.2	00 15.04 +02 00.5 19.2	-0.96 - 2.5	0.1/27.3	62431
2008 FZ ₅₃	2009 09 27.2	00 15.05 +00 06.0 20.9	-0.92 - 6.8	0.6/26.7	62530
2002 BT ₆	2009 09 27.2	00 15.08 -07 44.9 19.2	-0.95 - 3.3	3.8/24.3	62339
2005 UA ₄₅₉	2009 09 27.2	00 15.09 -17 10.6 18.9	-0.86 - 5.0	9.0/20.0	62454
2008 GL ₉₇	2009 09 27.2	00 15.09 +10 34.8 20.7	-0.81 - 8.6	3.0/30.5	62534
2006 BS ₄₄	2009 09 27.2	00 15.13 +07 03.5 20.8	-0.77 - 3.0	1.4/28.9	02273
2006 WD ₁₈₉	2009 09 27.2	00 15.15 -21 00.4 20.7	-0.84 - 6.9	7.0/18.8	18183
2006 YD ₅₂	2009 09 27.2	00 15.20 -05 51.4 20.2	-0.88 - 2.9	2.3/25.0	62498
2006 WZ ₁₇	2009 09 27.2	00 15.20 -00 05.1 20.5	-1.05 - 4.2	0.7/26.7	62493
2005 ST ₂₂₂	2009 09 27.2	00 15.23 +29 27.9 18.9	-0.90 - 4.4	11.2/07.9	62437
2001 VY ₇₆	2009 09 27.2	00 15.27 -50 44.0 18.8	-1.27 + 1.7	24.0/10.0	60750
2006 YS ₄₆	2009 09 27.2	00 15.28 +07 44.3 20.8	-0.86 - 6.2	2.0/29.3	62498
2007 DN ₇₅	2009 09 27.2	00 15.31 +03 09.2 20.6	-0.89 - 3.6	0.5/27.7	62507
2005 WJ ₉₀	2009 09 27.2	00 15.33 -18 01.4 19.8	-0.91 - 1.9	5.9/21.2	19671
2006 WC ₁₁	2009 09 27.2	00 15.34 +06 45.7 19.2	-0.98 - 5.3	2.3/28.9	62493
2004 FK ₄₀	2009 09 27.2	00 15.36 +03 22.2 20.3	-0.94 - 5.4	0.6/27.8	62389
2002 AX ₇₁	2009 09 27.2	00 15.39 +39 44.4 19.2	-1.07 - 0.6	13.7/10.9	62337
2005 VT ₃₉	2009 09 27.2	00 15.41 -08 21.1 21.6	-0.95 - 2.5	3.1/24.3	19667
2004 XJ ₇₉	2009 09 27.2	00 15.42 -02 05.1 19.7	-0.76 - 4.4	1.2/26.1	62415
2009 RJ ₅	2009 09 27.3	00 15.45 +08 33.6 19.3	-0.69 - 6.7	2.1/29.8	62175
2005 QQ ₁₀₀	2009 09 27.3	00 15.46 +04 14.2 19.1	-0.76 - 7.9	1.2/28.2	62428
2008 HQ ₄₅	2009 09 27.3	00 15.47 +05 40.2 19.4	-0.72 - 9.6	1.6/28.8	62537
2005 SK ₁₃₃	2009 09 27.3	00 15.47 +09 34.2 19.2	-0.76 -10.5	3.0/30.0	62435
2004 TN ₆₅	2009 09 27.3	00 15.49 -18 57.9 19.3	-0.79 - 3.9	6.7/20.2	62404
2005 WN ₃₁	2009 09 27.3	00 15.49 +06 31.4 21.2	-0.82 - 4.9	1.6/28.9	18157
2001 FM ₁₁₉	2009 09 27.3	00 15.50 +02 27.1 20.5	-0.86 -13.6	0.2/27.6	62313
4106 T-3	2009 09 27.3	00 15.50 -05 03.1 19.7	-0.81 - 5.5	2.7/25.1	62596
2008 EX ₄₂	2009 09 27.3	00 15.52 +00 41.7 19.2	-0.73 -11.9	0.4/27.0	62527

2001 SM ₃₀₅	2009 09 27.3	00 15.54 +05 49.6 19.0	-1.07 - 0.4	1.6/28.4	62320
2004 DK ₅₆	2009 09 27.3	00 15.56 +04 39.4 20.9	-0.93 - 6.1	1.1/28.3	62386
2000 DR ₁	2009 09 27.3	00 15.57 +01 20.5 20.6	-0.92 - 6.3	0.1/27.2	62302
2003 DG ₄	2009 09 27.3	00 15.59 -00 56.9 21.4	-0.76 - 7.9	0.7/26.4	48327
2005 VH ₄₆	2009 09 27.3	00 15.60 -01 06.3 19.9	-0.78 - 7.0	1.0/26.4	62457
2004 PZ ₄₃	2009 09 27.3	00 15.60 -07 58.0 19.8	-0.74 - 7.7	3.5/23.9	62395
2000 DO ₉₀	2009 09 27.3	00 15.60 +10 50.1 19.5	-0.99 - 3.5	3.9/30.1	62303
2002 VO ₁₆	2009 09 27.3	00 15.61 -03 45.5 19.3	-1.02 - 3.1	2.1/25.8	62361
2002 BA ₂₃	2009 09 27.3	00 15.61 -16 39.9 18.7	-1.01 - 0.7	7.3/22.0	62339
2005 SB ₉₉	2009 09 27.3	00 15.62 +06 02.4 19.4	-0.98 - 2.7	1.4/28.6	62434
2007 EC ₁₈₃	2009 09 27.3	00 15.65 -03 24.5 20.2	-0.83 - 6.6	1.8/25.6	62515
2000 GX ₁₆₄	2009 09 27.3	00 15.71 +02 34.3 21.2	-0.88 - 6.3	0.3/27.7	62305
2005 YH ₂₁₄	2009 09 27.3	00 15.72 +05 55.5 19.7	-0.84 - 2.4	1.2/28.7	62473
2008 GB ₃₉	2009 09 27.3	00 15.73 -00 08.0 20.7	-0.91 - 8.1	0.7/26.8	62533
2006 YG ₈	2009 09 27.3	00 15.82 -04 01.1 19.8	-0.93 - 6.4	2.3/25.5	62497
2000 RL ₅₂	2009 09 27.3	00 15.85 +40 32.8 20.5	-1.29 - 0.9	11.3/11.9	40089
2005 WU ₁₀₃	2009 09 27.4	00 15.74 +21 22.2 20.4	-0.90 - 5.5	7.0/04.0	62462
2005 MS ₃₉	2009 09 27.4	00 15.74 -05 28.2 20.2	-0.86 - 7.6	2.8/24.9	62421
2006 AY ₆	2009 09 27.4	00 15.75 +16 38.1 19.0	-0.84 - 2.5	4.5/02.2	62474
2002 GV ₁₁₈	2009 09 27.4	00 15.83 -11 00.4 18.7	-0.88 - 2.1	4.4/23.6	62346
2008 DS ₃₅	2009 09 27.4	00 15.84 +03 46.9 18.7	-0.86 - 9.4	0.8/28.2	62525
2008 CY ₁₀₈	2009 09 27.4	00 15.87 +01 52.3 19.3	-0.88 - 9.0	0.1/27.5	62524
2008 DE ₆₇	2009 09 27.4	00 15.88 +03 58.9 21.2	-0.91 - 8.5	0.8/28.2	62526
2007 FQ ₂₉	2009 09 27.4	00 15.92 -00 45.4 20.8	-0.78 - 6.5	0.8/26.6	62517
2005 YA ₂₆₅	2009 09 27.4	00 15.93 -01 31.6 21.1	-0.70 - 4.4	0.8/26.3	60857
2001 XD ₁₂₄	2009 09 27.4	00 15.96 -25 10.5 18.7	-0.93 - 0.0	11.7/19.1	62332
2001 YL ₇₃	2009 09 27.4	00 15.97 +20 19.6 20.2	-0.90 - 4.1	6.2/03.5	13861
2002 XQ ₁₁₅	2009 09 27.4	00 15.98 -07 04.1 17.9	-0.96 - 1.9	4.2/24.9	62364
2004 FK ₁₁₈	2009 09 27.4	00 15.98 -03 39.1 19.7	-0.92 - 6.4	1.9/25.7	62390
2008 HR ₆₉	2009 09 27.4	00 15.98 -03 29.9 19.7	-0.75 - 4.9	1.8/25.7	62538
2005 QV ₁₅₉	2009 09 27.4	00 16.00 +11 05.9 18.6	-1.38 + 4.7	4.0/29.3	61930
2008 KN ₃₄	2009 09 27.4	00 16.02 -31 49.1 19.4	-0.66 - 6.1	12.0/12.9	40057
2001 XT ₁₂₅	2009 09 27.4	00 16.06 -25 00.4 19.2	-0.90 - 2.0	11.4/18.2	62332
2002 VS ₆₀	2009 09 27.4	00 16.07 +04 17.6 18.9	-0.80 - 9.9	1.1/28.4	61871
2002 TR ₆₃	2009 09 27.4	00 16.08 +05 11.8 19.8	-0.87 - 8.6	1.5/28.7	62357
2002 RE ₂₇₀	2009 09 27.4	00 16.10 +03 05.8 20.1	-0.89 - 4.7	0.7/27.9	61863
2006 VQ ₁₇	2009 09 27.4	00 16.10 +04 36.8 19.6	-0.99 - 5.9	1.2/28.4	62491
2005 UM ₄₂₂	2009 09 27.4	00 16.11 -27 41.6 20.3	-1.07 + 0.8	9.7/18.9	62454
2008 GM ₈₁	2009 09 27.4	00 16.11 -15 26.2 20.3	-0.93 - 3.3	6.2/22.1	40212
2005 YS ₂₈₄	2009 09 27.4	00 16.14 +01 15.4 21.8	-0.73 - 4.9	0.1/27.3	26121
2005 VY ₁₄	2009 09 27.4	00 16.16 -10 41.8 19.6	-0.86 - 4.2	4.5/23.5	62456
2005 PL ₁₀	2009 09 27.4	00 16.17 +03 06.2 19.0	-0.96 - 1.8	0.6/27.9	61925
2008 GZ ₁₂₃	2009 09 27.5	00 16.10 +00 47.3 20.6	-1.01 - 2.0	0.3/27.2	41923
2007 EF ₉₆	2009 09 27.5	00 16.10 +04 31.1 19.0	-0.68 - 7.6	0.9/28.5	62512
2001 WM ₅₅	2009 09 27.5	00 16.10 +06 37.5 19.2	-0.80 - 6.1	2.1/29.2	62329
2000 ES ₁₂₁	2009 09 27.5	00 16.11 +10 31.3 19.2	-1.00 + 0.5	2.5/29.8	62304
2003 YN ₁₈₀	2009 09 27.5	00 16.13 +12 35.2 19.7	-1.04 - 3.8	3.8/30.8	62382
2005 SD ₂₇₀	2009 09 27.5	00 16.15 -03 11.4 19.5	-0.98 - 1.7	1.9/26.1	62438
2001 XO ₁₅₁	2009 09 27.5	00 16.16 +06 21.2 20.5	-0.88 - 5.8	1.7/29.0	62333
2005 SO ₂₁₁	2009 09 27.5	00 16.17 +03 35.8 20.5	-0.84 - 6.1	0.6/28.1	62437
2004 TN ₃₉	2009 09 27.5	00 16.17 -00 50.1 20.3	-0.86 - 2.5	0.8/26.7	62404

2005 XU ₁₀₉	2009 09 27.5	00 16.18 -13 32.1 19.7	-0.72 - 5.5	4.5/22.1	62467
2002 VY ₂₂	2009 09 27.5	00 16.18 -06 12.6 19.2	-1.01 - 2.5	3.4/25.2	62361
2004 HT ₆₅	2009 09 27.5	00 16.18 -00 07.4 19.5	-1.05 - 4.8	0.8/27.0	62392
2001 TA ₂₃₈	2009 09 27.5	00 16.21 +11 15.6 19.3	-0.91 - 4.2	3.8/30.5	62323
2005 UE ₁₆₇	2009 09 27.5	00 16.21 -02 22.8 21.0	-0.86 - 4.2	1.3/26.2	14767
2001 SZ ₃₂₀	2009 09 27.5	00 16.21 +00 52.6 19.9	-0.91 - 2.8	0.4/27.3	62320
2006 BZ ₁₅₃	2009 09 27.5	00 16.28 +12 15.3 20.8	-0.74 - 4.0	2.7/01.0	97090
2003 BP ₁₆	2009 09 27.5	00 16.29 -10 33.6 20.0	-0.83 - 5.8	3.8/23.4	62366
2001 ST ₅₅	2009 09 27.5	00 16.31 -15 26.4 17.8	-1.08 + 1.4	7.7/23.0	62318
1998 RD ₁₀	2009 09 27.5	00 16.31 +03 13.5 20.4	-1.01 - 4.5	0.6/28.0	62294
2007 CM ₃₆	2009 09 27.5	00 16.33 -10 58.4 21.2	-0.82 - 7.2	4.0/23.1	62503
2004 XH ₉₂	2009 09 27.5	00 16.38 +18 14.4 20.0	-0.76 - 4.2	4.4/03.2	02232
2005 UR ₁₁₃	2009 09 27.5	00 16.38 -09 31.1 20.8	-0.88 - 2.7	3.7/24.2	96152
2005 UH ₂₃₂	2009 09 27.5	00 16.44 -05 36.6 20.2	-0.85 - 4.1	2.4/25.2	61970
2005 US ₂₃₁	2009 09 27.5	00 16.49 +08 14.2 20.8	-0.79 - 6.7	2.0/29.8	16327
2005 AA ₁₀	2009 09 27.5	00 16.50 +35 51.3 20.1	-1.43 + 0.4	14.8/08.1	35898
1999 VM ₈₀	2009 09 27.5	00 16.51 +17 19.3 19.0	-0.64 -10.7	5.8/03.9	62299
2003 EV ₃₇	2009 09 27.5	00 16.52 -07 32.4 20.1	-0.77 -11.2	3.0/24.0	62369
2001 OZ ₂₂	2009 09 27.5	00 16.53 +40 04.4 19.2	-1.04 -10.2	16.7/15.8	62314
2005 TJ ₅₉	2009 09 27.6	00 16.47 -13 25.9 19.5	-1.15 + 4.6	7.1/24.4	57017
2005 UX ₇₇	2009 09 27.6	00 16.50 +27 19.5 20.1	-1.08 - 0.8	9.4/05.2	62445
2004 TC ₄₀	2009 09 27.6	00 16.52 +02 49.8 21.3	-0.76 - 5.4	0.3/28.0	62404
2005 YC ₂₇₄	2009 09 27.6	00 16.52 +13 23.4 20.3	-0.87 - 2.5	3.8/01.2	62004
2002 CA ₂₀₈	2009 09 27.6	00 16.52 -01 27.6 21.1	-0.75 - 5.0	0.9/26.5	62341
2004 AS ₁₀	2009 09 27.6	00 16.53 -14 36.6 20.7	-0.94 - 6.3	5.9/22.1	39191
2005 SQ ₂₂₀	2009 09 27.6	00 16.56 +18 57.6 18.6	-1.07 + 0.3	7.4/02.1	62437
2002 CU ₃₉	2009 09 27.6	00 16.57 +12 32.9 20.3	-0.81 - 6.2	3.2/01.3	41778
2004 RX ₁₅₅	2009 09 27.6	00 16.58 +09 32.9 19.3	-0.88 - 2.4	2.9/30.0	62398
2001 SN ₂₂₄	2009 09 27.6	00 16.61 -03 19.6 19.6	-0.96 - 2.2	2.3/26.2	62320
2005 UF ₄₁₅	2009 09 27.6	00 16.62 -02 48.2 19.5	-0.81 - 5.7	1.9/26.1	62453
2004 TO ₂₁₁	2009 09 27.6	00 16.64 +01 06.5 20.7	-0.75 - 3.7	0.2/27.4	62408
2008 JX ₈	2009 09 27.6	00 16.66 -19 09.6 20.4	-1.04 - 2.5	7.3/21.4	58608
2007 FT ₁₉	2009 09 27.6	00 16.66 +02 06.5 20.6	-0.87 - 6.6	0.1/27.7	33537
2000 SN ₉₃	2009 09 27.6	00 16.70 +12 26.1 18.1	-0.58 -11.3	4.7/02.0	61835
1999 WJ ₁₄	2009 09 27.6	00 16.72 -04 45.7 20.1	-0.98 - 5.3	2.5/25.6	62300
2008 FV ₆₄	2009 09 27.6	00 16.73 -02 29.5 20.9	-0.95 - 5.9	1.6/26.3	62530
2005 PX ₁₉	2009 09 27.6	00 16.75 +10 36.1 20.3	-0.99 - 4.1	3.5/30.4	62425
2005 VB ₁₂₆	2009 09 27.6	00 16.78 -00 35.0 20.5	-0.89 - 3.4	1.1/26.9	62459
2007 HO ₁	2009 09 27.6	00 16.78 -06 59.8 19.6	-0.82 - 2.5	2.5/25.0	62519
2000 DJ ₃₁	2009 09 27.6	00 16.79 +00 47.3 20.3	-0.91 - 6.3	0.4/27.3	62303
2006 XT ₃₀	2009 09 27.6	00 16.80 -09 03.6 20.3	-0.94 - 7.1	4.3/24.0	14473
2005 UV ₄₇₆	2009 09 27.6	00 16.87 -04 30.8 19.6	-0.85 - 4.4	2.6/25.7	62455
1995 YL ₉	2009 09 27.6	00 16.89 +15 21.0 20.8	-0.80 - 4.4	4.1/02.3	93700
2007 JP ₃₆	2009 09 27.7	00 16.85 +00 48.2 20.6	-0.81 - 3.8	0.3/27.4	62521
2005 WJ ₁₈₃	2009 09 27.7	00 16.86 +11 21.2 20.2	-0.91 - 4.3	3.9/30.7	62464
2007 KK ₇	2009 09 27.7	00 16.88 -29 06.5 21.3	-0.71 - 5.7	6.9/15.6	14875
2004 EN ₄₁	2009 09 27.7	00 16.89 +03 24.2 19.9	-0.95 - 4.8	0.5/28.2	62387
2001 TZ ₈₈	2009 09 27.7	00 16.90 -00 18.8 19.4	-1.06 - 0.3	0.8/27.2	62322
2008 KL ₄₂	2009 09 27.7	00 16.97 -10 59.1 20.0	-0.70 - 8.5	3.9/23.0	62540
2001 UC ₁₉₂	2009 09 27.7	00 16.98 +25 29.4 19.3	-0.92 - 5.1	8.2/06.1	62326
2008 EF ₇₃	2009 09 27.7	00 16.99 -03 01.7 20.6	-0.97 - 5.0	1.8/26.2	41916

2006 XC ₂₇	2009 09 27.7	00 17.04 +41 57.7 21.3	-1.05 - 2.4	9.7/12.8	18183
2004 CN ₅	2009 09 27.7	00 17.06 -00 50.3 19.6	-1.04 - 3.2	1.0/27.0	41139
1998 SF ₁₇₄	2009 09 27.7	00 17.06 -00 00.4 20.6	-0.73 - 5.2	0.5/27.1	60721
2002 CS ₂₇₂	2009 09 27.7	00 17.07 -08 40.5 19.6	-0.86 - 2.3	3.1/24.6	17999
2003 OK ₁₇	2009 09 27.7	00 17.08 +12 25.2 18.9	-0.82 - 2.9	3.4/01.1	62372
2002 GG ₁₂₂	2009 09 27.7	00 17.09 +05 18.9 19.7	-0.77 - 5.1	1.1/28.9	62347
2006 UY ₅₇	2009 09 27.7	00 17.09 -06 52.7 20.3	-1.02 - 3.5	4.1/25.2	62489
2003 SW ₁₁₅	2009 09 27.7	00 17.09 +12 41.3 19.1	-0.67 - 7.5	3.3/01.8	62376
2004 JK ₁₅	2009 09 27.7	00 17.09 +05 58.5 19.7	-0.85 - 6.9	1.4/29.2	62392
2005 KL	2009 09 27.7	00 17.12 -04 19.2 19.3	-0.90 - 7.3	2.8/25.7	62420
2001 TT ₁₅₆	2009 09 27.7	00 17.14 +05 04.8 20.1	-0.65 -10.2	1.5/29.0	62322
2002 AQ ₁₁₃	2009 09 27.7	00 17.15 +10 59.6 18.3	-0.81 - 3.0	4.3/30.7	62337
2006 OV ₁₂	2009 09 27.7	00 17.18 +42 28.9 19.8	-1.46 + 0.1	18.2/11.7	62484
2007 AT ₂₃	2009 09 27.7	00 17.19 +12 14.2 20.0	-0.91 - 5.8	3.8/01.2	62499
2004 DG ₃₉	2009 09 27.7	00 17.21 -06 35.3 19.9	-0.89 - 8.9	3.5/24.8	62385
2004 FV ₈₆	2009 09 27.7	00 17.21 -11 03.5 20.2	-1.02 - 3.4	5.0/23.9	39198
2005 WX ₁₆₂	2009 09 27.7	00 17.24 -24 55.0 19.5	-0.78 - 4.0	8.4/18.1	61995
2000 GY ₁₁₇	2009 09 27.7	00 17.24 +04 24.1 20.0	-0.99 - 3.4	0.9/28.5	62304
2008 HY ₄₁	2009 09 27.7	00 17.24 +03 55.8 20.4	-0.90 - 6.4	0.7/28.5	62537
1999 CP ₁	2009 09 27.7	00 17.26 -03 35.2 19.5	-0.91 - 4.8	1.8/26.1	62296
2006 BD ₁₈₈	2009 09 27.8	00 17.19 +01 07.1 19.1	-0.85 - 1.6	0.3/27.6	62010
2005 LR ₃₀	2009 09 27.8	00 17.19 -10 21.1 19.4	-0.92 - 5.9	4.9/23.8	62420
2008 FD ₅₂	2009 09 27.8	00 17.21 +00 51.1 22.4	-0.90 - 8.4	0.4/27.5	39301
2001 TA ₁₁₈	2009 09 27.8	00 17.22 +28 45.5 18.5	-0.99 - 1.1	12.0/07.1	62322
2008 GP ₄₈	2009 09 27.8	00 17.22 -05 33.4 18.9	-0.94 - 4.6	3.4/25.5	62089
2007 FB ₁₂	2009 09 27.8	00 17.22 +03 24.4 20.3	-0.84 - 5.8	0.5/28.3	62516
2000 AS ₁₄₆	2009 09 27.8	00 17.23 -35 08.0 20.1	-0.76 - 5.2	9.0/12.4	43102
2004 TO ₃₅₇	2009 09 27.8	00 17.24 -04 07.6 20.7	-0.81 - 2.5	1.7/26.0	62410
2005 SJ ₂₁	2009 09 27.8	00 17.25 +04 19.2 19.4	-0.92 - 0.5	1.2/28.5	04343
2009 SF ₁₆	2009 09 27.8	00 17.26 -05 10.3 19.2	-1.05 + 1.5	2.9/26.1	62201
2008 JE ₁₇	2009 09 27.8	00 17.29 -03 14.3 19.9	-0.93 - 8.4	2.1/26.1	60906
2005 WJ ₆₁	2009 09 27.8	00 17.30 -05 22.2 19.9	-0.93 - 2.4	2.5/25.7	62461
2001 FJ ₁₁₀	2009 09 27.8	00 17.30 +06 38.7 21.5	-0.71 - 6.8	1.1/29.5	02033
2005 SK ₂₇₆	2009 09 27.8	00 17.34 -08 04.1 21.2	-0.87 - 4.4	3.1/24.7	22797
2008 CC ₁₄₂	2009 09 27.8	00 17.35 +02 00.6 20.3	-0.93 - 7.2	0.0/27.9	62524
2007 EB ₂₁₈	2009 09 27.8	00 17.37 +02 19.1 21.0	-0.90 - 5.9	0.2/28.0	39836
2004 CG ₇₅	2009 09 27.8	00 17.37 +01 02.6 21.1	-0.91 - 6.7	0.3/27.6	62384
2002 TG ₃₂₆	2009 09 27.8	00 17.38 +01 24.5 19.6	-0.85 - 9.4	0.2/27.7	62359
2007 EZ ₁₇₀	2009 09 27.8	00 17.40 +00 23.4 19.5	-0.75 - 8.7	0.5/27.3	62515
2004 BN ₈₈	2009 09 27.8	00 17.40 -01 16.7 21.1	-0.89 - 7.7	1.1/26.8	40119
2008 ET ₁₃	2009 09 27.8	00 17.40 -02 55.7 19.2	-1.12 + 0.4	2.0/26.7	62526
2008 FK ₆₂	2009 09 27.8	00 17.43 +00 06.6 20.0	-0.90 - 7.2	0.7/27.3	62530
2003 CX ₁₄	2009 09 27.8	00 17.44 -16 38.0 21.4	-0.81 - 6.0	5.4/21.4	40371
2007 DH ₇₄	2009 09 27.8	00 17.46 -00 36.0 20.8	-0.79 - 6.2	0.8/27.0	62507
2004 TB ₂₃	2009 09 27.8	00 17.46 +06 25.9 19.8	-0.76 - 5.7	1.4/29.4	62403
2007 BL ₅₈	2009 09 27.8	00 17.47 -10 51.1 21.2	-0.78 - 6.4	3.5/23.4	19696
2005 SC ₂₈₂	2009 09 27.8	00 17.48 -17 47.5 20.4	-0.94 - 2.4	6.8/21.8	40694
2007 DQ ₅₆	2009 09 27.8	00 17.55 -02 20.6 20.9	-0.82 - 7.2	1.6/26.4	21666
2006 TU ₂₃	2009 09 27.8	00 17.58 -07 59.1 20.3	-1.09 - 2.7	4.3/25.1	53556
2005 WE ₅₆	2009 09 27.9	00 17.55 -26 32.4 19.9	-1.00 - 5.9	11.6/16.4	97989
2004 XT ₁₆₂	2009 09 27.9	00 17.56 +15 22.4 20.0	-0.80 - 3.1	4.1/02.3	62415

2008 HU ₆₉	2009 09 27.9	00 17.57 -00 01.8 19.5	-0.72 - 5.6	0.7/27.2	62538
2004 RK ₃₀₃	2009 09 27.9	00 17.58 +17 05.2 20.9	-0.95 - 1.9	5.5/02.6	18095
2005 UA ₁₂₂	2009 09 27.9	00 17.60 -01 30.8 19.8	-0.91 - 3.9	1.3/26.9	62446
2007 BG ₃	2009 09 27.9	00 17.62 -03 48.9 20.0	-0.89 - 7.2	2.2/26.0	62033
2001 DH ₂₁	2009 09 27.9	00 17.65 -09 48.6 20.4	-0.75 - 3.3	3.0/24.1	21303
1999 VJ ₁₀₆	2009 09 27.9	00 17.68 -11 57.4 19.4	-0.83 - 2.6	4.5/23.6	59376
2005 WM ₁₅₀	2009 09 27.9	00 17.70 -02 41.6 18.6	-0.85 - 3.5	1.9/26.5	62464
2001 SS ₂₈₈	2009 09 27.9	00 17.71 +14 25.0 18.9	-0.77 -10.9	4.6/02.8	62320
2007 DF ₃₉	2009 09 27.9	00 17.71 -01 21.0 21.0	-0.77 - 4.2	0.9/26.9	62506
2004 EM ₁₃	2009 09 27.9	00 17.73 -00 55.1 21.4	-0.96 - 5.2	1.0/27.1	62386
2005 UL ₂₄₃	2009 09 27.9	00 17.73 -01 17.0 20.1	-0.89 - 3.2	1.1/27.0	62450
2005 QO ₁₂₀	2009 09 27.9	00 17.76 +01 50.1 19.9	-0.92 - 5.2	0.0/27.9	39224
2004 TJ ₂₀	2009 09 27.9	00 17.79 +00 38.0 18.9	-2.08 +13.2	0.7/27.8	62403
2005 UO ₃₄	2009 09 27.9	00 17.79 +08 42.7 19.8	-0.81 - 7.1	2.4/30.3	62443
2004 TM ₆₅	2009 09 27.9	00 17.80 -15 14.7 19.2	-0.76 - 4.6	6.0/22.1	62404
2006 TH ₈₅	2009 09 27.9	00 17.85 +09 53.7 18.7	-0.83 - 5.9	4.2/30.7	62488
2005 XL ₁₁₆	2009 09 27.9	00 17.86 -17 34.7 20.5	-0.79 - 4.3	5.5/21.3	39789
2004 XW ₂₃	2009 09 27.9	00 17.88 +19 38.6 18.8	-0.78 - 4.0	6.0/04.1	62414
2004 TX ₁₄₄	2009 09 27.9	00 17.88 +00 50.7 18.7	-0.79 - 3.4	0.4/27.6	62407
2006 VU ₁₆₉	2009 09 27.9	00 17.93 +09 22.7 20.4	-0.91 - 7.0	2.6/30.5	62493
2004 NR ₃₁	2009 09 27.9	00 17.95 +09 13.6 19.5	-0.87 - 4.5	2.6/30.3	62394
2005 NZ ₈	2009 09 27.9	00 17.97 +07 35.6 20.9	-0.95 - 6.1	1.9/30.0	38044
1999 TR ₄₄	2009 09 28.0	00 17.92 +02 02.7 18.6	-1.07 - 0.3	0.1/28.0	62297
2004 RF ₂₉₂	2009 09 28.0	00 17.93 +14 06.8 19.3	-0.87 - 3.0	4.2/01.8	62401
2005 LN ₁₁	2009 09 28.0	00 17.94 +09 18.2 20.5	-0.95 - 6.5	2.8/30.4	62420
2005 QQ ₁₁₃	2009 09 28.0	00 17.97 -01 30.2 20.3	-0.88 - 5.4	1.3/26.9	62428
2008 CX ₂₄	2009 09 28.0	00 17.98 -02 56.6 20.3	-0.97 - 5.5	1.9/26.5	40502
2004 RL ₂₄₅	2009 09 28.0	00 18.02 -00 02.7 20.3	-0.81 - 4.2	0.6/27.4	62400
2005 TH ₁₆₂	2009 09 28.0	00 18.06 +07 05.4 20.9	-0.83 - 6.2	1.6/29.8	18135
2006 UG ₂₁₂	2009 09 28.0	00 18.06 +02 48.5 20.3	-1.01 - 4.8	0.3/28.3	62490
2001 WE ₂₇	2009 09 28.0	00 18.06 -38 30.4 19.0	-1.03 + 5.6	20.0/12.4	62329
2005 OY ₁₄	2009 09 28.0	00 18.09 -05 15.8 19.3	-1.01 - 1.5	3.2/26.0	62424
2002 TU ₂₀	2009 09 28.0	00 18.13 -03 40.1 18.2	-0.79 - 6.0	2.8/26.2	62356
2005 NF ₈₆	2009 09 28.0	00 18.14 +00 45.0 20.7	-0.93 - 6.7	0.5/27.7	62423
2008 DP ₃₅	2009 09 28.0	00 18.15 +03 26.2 21.1	-0.89 - 8.9	0.5/28.6	39289
2002 AX ₁₃₇	2009 09 28.0	00 18.18 +09 41.4 20.6	-0.83 - 5.6	2.4/30.6	62338
2005 XR ₂₃	2009 09 28.0	00 18.18 -19 37.0 21.0	-0.94 - 2.6	6.6/21.0	20828
2003 GL ₂₇	2009 09 28.0	00 18.19 +03 12.0 19.8	-0.85 - 4.9	0.4/28.5	62371
2002 TZ ₁₆₆	2009 09 28.0	00 18.31 +23 48.9 18.2	-1.00 - 2.2	10.2/05.2	62358
1999 VZ ₅₅	2009 09 28.0	00 18.32 -03 39.4 18.7	-0.91 - 3.3	2.8/26.4	62299
2007 DJ ₇₁	2009 09 28.0	00 18.32 +00 39.6 20.9	-0.88 - 4.3	0.5/27.7	62507
2007 DW ₂₆	2009 09 28.0	00 18.32 +02 22.6 19.2	-0.92 - 2.7	0.2/28.2	62505
2002 QZ ₁₃₁	2009 09 28.0	00 18.34 -01 34.0 18.9	-0.89 - 2.7	1.9/27.0	62352
2002 FJ ₃₃	2009 09 28.1	00 18.27 -13 23.0 19.2	-0.74 - 5.9	4.5/22.7	62345
2005 WP ₁₄₆	2009 09 28.1	00 18.29 -03 17.0 20.2	-0.86 - 3.9	1.9/26.5	62463
2001 BT ₆	2009 09 28.1	00 18.30 +28 45.8 19.8	-0.89 - 2.3	7.3/07.4	59661
2005 QU ₁₀₄	2009 09 28.1	00 18.30 +10 12.7 19.6	-0.96 - 3.5	3.5/30.6	61928
2005 YD ₃	2009 09 28.1	00 18.33 +28 39.8 19.3	-1.18 + 2.1	9.7/05.0	62467
2004 HA ₁₄	2009 09 28.1	00 18.34 -03 10.6 20.9	-0.98 - 5.5	1.9/26.5	60803
2002 AL ₈₂	2009 09 28.1	00 18.34 +23 41.6 19.4	-0.84 - 6.5	7.9/06.0	62337
2005 YB ₈₄	2009 09 28.1	00 18.36 +01 41.4 20.6	-0.72 - 5.3	0.1/28.0	20830

2002 NX ₆₈	2009 09 28.1	00 18.39 -06 12.2 19.7	-0.80 - 8.7	3.9/25.2	61850
2007 DL ₁₀₄	2009 09 28.1	00 18.39 -44 41.2 19.5	-1.18 + 0.9	15.1/10.2	40708
2004 BG ₄₃	2009 09 28.1	00 18.40 +08 34.2 19.7	-1.04 - 4.1	2.7/30.0	62382
2005 UQ ₁₅	2009 09 28.1	00 18.42 +00 00.2 20.3	-0.83 - 5.8	0.7/27.5	62443
2005 XJ ₇₈	2009 09 28.1	00 18.42 -02 35.5 19.1	-0.73 -12.4	1.8/26.3	61998
2007 AR ₂₂	2009 09 28.1	00 18.43 +04 10.1 21.0	-0.89 - 6.1	0.7/28.8	62499
2006 TR ₈₀	2009 09 28.1	00 18.44 +12 25.1 19.2	-0.97 - 7.5	4.6/01.7	62488
2005 VD ₉₅	2009 09 28.1	00 18.45 -08 54.6 20.3	-0.83 - 4.8	4.1/24.5	18154
2005 UE ₃₉₈	2009 09 28.1	00 18.46 +02 22.0 18.2	-0.86 + 3.6	0.2/28.2	61976
2006 DL ₆₄	2009 09 28.1	00 18.47 -01 24.6 20.0	-0.83 - 2.4	1.0/27.1	62481
2009 SS ₁₆₉	2009 09 28.1	00 18.48 +10 13.7 20.0	-0.76 - 7.1	2.8/01.1	62224
2001 WM ₇₂	2009 09 28.1	00 18.49 +06 31.5 20.7	-0.85 - 7.4	1.8/29.7	62330
2004 TO ₂₉₆	2009 09 28.1	00 18.51 +14 08.1 20.5	-0.71 - 7.1	3.5/02.6	97763
2005 SY ₈₉	2009 09 28.1	00 18.52 +04 16.1 19.4	-0.83 - 7.1	0.9/28.9	62433
2006 CX ₅₉	2009 09 28.1	00 18.53 +05 58.2 20.6	-0.82 - 1.7	1.1/29.4	62480
2007 BK ₂₇	2009 09 28.1	00 18.54 -03 22.9 20.5	-0.93 - 6.7	2.1/26.4	16385
2007 BE ₇₄	2009 09 28.1	00 18.55 +08 54.5 20.5	-0.91 - 4.6	2.5/30.3	62502
2003 DD ₆	2009 09 28.1	00 18.58 +01 26.7 19.4	-0.95 - 2.4	0.2/28.0	62368
2005 UO ₂₀₅	2009 09 28.1	00 18.59 +03 37.6 20.0	-0.82 - 6.4	0.6/28.7	62449
2004 FW ₅₈	2009 09 28.1	00 18.62 +02 18.9 21.3	-0.92 - 5.6	0.1/28.3	56938
2004 ER ₆₉	2009 09 28.1	00 18.62 +00 13.3 21.1	-0.92 - 6.5	0.6/27.6	62387
2007 BU ₆	2009 09 28.1	00 18.63 -03 53.7 21.5	-0.79 - 5.4	1.6/26.2	62500
2002 HQ ₁₅	2009 09 28.1	00 18.65 +01 02.2 20.6	-0.74 - 5.2	0.3/27.9	62347
2001 XF ₆₁	2009 09 28.1	00 18.65 -22 34.1 20.1	-0.89 - 3.9	7.7/19.7	17976
2006 BA ₁₁₄	2009 09 28.1	00 18.66 -12 28.4 20.9	-0.70 - 6.4	4.2/22.9	20487
2007 DX ₄₂	2009 09 28.1	00 18.67 +11 24.1 20.7	-0.82 - 4.5	2.7/01.3	38128
2002 JB ₄₆	2009 09 28.1	00 18.69 +15 23.4 19.7	-0.72 - 7.3	3.6/03.2	62347
2002 PS ₁₃	2009 09 28.2	00 18.64 +14 57.7 19.7	-1.02 - 5.4	5.6/02.4	62350
2007 DV ₂₉	2009 09 28.2	00 18.67 -01 13.9 20.7	-0.79 - 5.6	1.1/27.1	26249
2005 QQ ₁₂₂	2009 09 28.2	00 18.68 +02 48.9 20.0	-0.86 - 6.1	0.3/28.5	62428
2004 NH ₁₉	2009 09 28.2	00 18.69 -15 17.2 19.5	-0.77 - 7.5	6.1/21.9	62394
2005 SB ₁₇₆	2009 09 28.2	00 18.69 +10 37.8 20.4	-0.82 - 7.7	2.8/01.3	62436
1999 TT ₁₁₂	2009 09 28.2	00 18.70 +11 50.4 18.4	-0.85 - 7.1	4.7/01.6	62298
2001 UZ ₉₂	2009 09 28.2	00 18.70 +13 43.0 19.3	-0.79 - 9.3	4.3/02.6	62325
2005 QQ ₄₆	2009 09 28.2	00 18.71 -02 34.1 18.3	-0.76 - 9.3	2.0/26.5	62427
2001 KO ₁₉	2009 09 28.2	00 18.71 -07 54.5 20.8	-0.97 - 5.0	3.4/25.2	35777
2007 BL ₂₈	2009 09 28.2	00 18.71 +01 57.1 20.3	-0.95 - 5.4	0.0/28.2	47417
2007 GW ₃₁	2009 09 28.2	00 18.73 -08 53.3 20.2	-0.86 - 1.3	3.1/25.0	20865
2008 EW ₄₇	2009 09 28.2	00 18.73 +01 13.7 20.8	-0.85 - 6.9	0.3/28.0	39294
2005 YC ₂₈₁	2009 09 28.2	00 18.73 +15 26.7 19.6	-0.86 - 2.7	4.6/02.5	62004
2007 BD ₅₈	2009 09 28.2	00 18.76 +18 45.9 20.7	-0.90 - 3.8	4.8/03.7	16388
1996 EB ₁₃	2009 09 28.2	00 18.78 +12 32.1 19.3	-1.09 + 0.9	3.4/31.0	62293
2001 SS ₂₂₀	2009 09 28.2	00 18.82 -01 46.9 18.9	-0.76 - 6.1	1.8/26.9	62320
2009 PC ₁₆	2009 09 28.2	00 18.82 +00 20.9 19.4	-0.76 - 9.1	0.7/27.6	62132
2007 DS ₉₁	2009 09 28.2	00 18.84 -03 53.5 19.8	-0.73 - 6.1	1.8/26.2	62048
2005 RO ₁	2009 09 28.2	00 18.85 -04 49.9 20.1	-0.91 - 5.5	2.8/26.1	62430
2007 EN ₃₇	2009 09 28.2	00 18.88 +04 05.4 20.9	-0.87 - 6.2	0.7/28.9	62510
2005 VF ₁₂₀	2009 09 28.2	00 18.89 +25 15.5 17.6	-0.69 - 3.8	11.1/07.1	62459
2004 RL ₆₁	2009 09 28.2	00 18.90 +08 49.7 19.1	-0.89 - 2.4	2.3/30.3	62397
2002 PO ₈₀	2009 09 28.2	00 18.94 -12 41.6 20.3	-0.98 - 6.3	6.0/23.6	25860
2008 KP ₄₁	2009 09 28.2	00 18.96 +07 12.6 20.8	-0.69 - 9.1	1.5/30.2	62097

2002 TE ₃₁₀	2009 09 28.2	00 18.97 -11 35.2 20.5	-1.00 - 4.1	5.4/24.0	12282
2005 ML ₉	2009 09 28.2	00 19.02 -02 10.4 18.8	-0.81 - 7.6	1.9/26.8	62421
2006 DO ₂₀₁	2009 09 28.2	00 19.02 -24 22.3 20.6	-0.75 - 4.9	6.9/18.3	19692
2003 QX ₃₅	2009 09 28.2	00 19.07 +29 28.1 19.4	-1.08 + 0.6	8.2/06.7	62373
2000 QV ₃₆	2009 09 28.2	00 19.07 +21 56.2 18.7	-0.93 + 2.1	9.8/04.0	61834
2009 SJ ₅₃	2009 09 28.2	00 19.08 +09 16.3 18.6	-1.08 + 0.3	3.7/30.2	62209
2004 FD ₁	2009 09 28.2	00 19.11 +20 16.5 18.3	-2.61 +20.5	11.2/28.8	61888
2002 TN ₂₀₀	2009 09 28.3	00 19.02 +08 00.3 17.9	-0.98 - 1.5	3.0/30.0	62358
2006 BE ₂₁₅	2009 09 28.3	00 19.05 -10 57.8 20.4	-0.71 - 5.7	3.6/23.7	62479
2004 TE ₂₀₅	2009 09 28.3	00 19.06 -24 31.4 20.0	-1.00 + 0.7	8.6/20.3	20808
2004 PQ ₉₆	2009 09 28.3	00 19.09 -11 07.0 20.8	-0.76 - 7.4	3.9/23.6	21814
2002 RV ₁₁₀	2009 09 28.3	00 19.11 +07 40.4 18.9	-0.84 - 9.4	2.4/30.3	62354
2005 UM ₄₇₅	2009 09 28.3	00 19.15 +17 09.5 20.0	-0.83 - 6.7	4.7/03.6	22801
2005 YP ₂₁₈	2009 09 28.3	00 19.18 +14 45.9 21.1	-0.76 - 3.3	3.2/02.6	02267
2001 OJ ₉₀	2009 09 28.3	00 19.20 +29 20.0 19.6	-1.13 - 2.2	10.6/07.7	62314
2005 YD ₁₀	2009 09 28.3	00 19.21 -06 23.6 20.2	-0.81 - 5.2	2.9/25.5	62467
2008 FB ₆₆	2009 09 28.3	00 19.22 -01 32.8 20.7	-0.99 - 5.2	1.4/27.2	40558
2005 SO ₃₀	2009 09 28.3	00 19.24 -05 44.3 20.1	-0.90 - 1.7	3.7/26.1	62431
2004 FE ₂₁	2009 09 28.3	00 19.26 +00 27.3 20.3	-1.27 + 0.8	0.6/28.0	62540
2002 QY ₅₄	2009 09 28.3	00 19.26 +03 10.4 18.7	-1.03 - 2.4	0.5/28.7	62351
2005 SQ ₃₂	2009 09 28.3	00 19.30 +01 06.3 19.7	-0.73 -10.7	0.4/28.0	61932
2005 UU ₂₄₀	2009 09 28.3	00 19.32 -06 49.4 19.8	-0.82 - 5.5	3.0/25.4	62450
2005 XA ₁₀₅	2009 09 28.3	00 19.33 -06 53.8 21.3	-0.72 - 5.0	2.5/25.3	98030
2005 WT ₇₂	2009 09 28.3	00 19.38 +12 29.2 20.1	-0.83 - 5.5	3.3/01.9	62461
2001 XE ₉₆	2009 09 28.3	00 19.43 -02 27.2 19.1	-0.87 - 4.6	1.7/27.0	62332
2002 AN ₁₇₃	2009 09 28.4	00 19.35 -13 35.9 21.4	-0.81 - 5.9	4.8/22.9	03287
2005 YF ₈₀	2009 09 28.4	00 19.38 +04 42.6 19.8	-0.77 - 4.5	0.8/29.3	62469
2005 UM ₁₉₃	2009 09 28.4	00 19.38 +00 57.8 20.5	-0.83 - 6.3	0.4/28.0	97914
2006 JA ₆	2009 09 28.4	00 19.40 -21 13.5 18.8	-0.83 -20.6	10.4/18.1	62483
1991 VX ₁₀	2009 09 28.4	00 19.45 -07 39.6 20.2	-0.94 - 3.9	4.5/25.4	62291
2001 SR ₂₈₅	2009 09 28.4	00 19.49 +00 39.9 19.4	-0.94 - 3.2	0.6/28.0	62320
2004 CF ₄₂	2009 09 28.4	00 19.50 -05 08.2 20.5	-0.94 - 5.7	2.5/26.1	62384
2005 SL ₄₇	2009 09 28.4	00 19.54 +06 18.3 20.0	-0.86 - 5.4	1.7/29.8	62432
2004 EX ₃₇	2009 09 28.4	00 19.55 +05 07.4 20.2	-0.92 - 5.9	1.0/29.4	62387
1999 XZ ₁₃₅	2009 09 28.4	00 19.55 -34 27.0 20.2	-1.25 - 0.4	12.0/16.4	43102
2004 BE ₁	2009 09 28.4	00 19.57 +07 45.3 20.9	-0.95 - 6.4	2.0/30.3	62382
2007 DV ₅₈	2009 09 28.4	00 19.59 -00 04.6 20.7	-0.79 - 6.5	0.7/27.7	62507
2004 VX ₂₇	2009 09 28.4	00 19.61 +07 51.8 19.0	-0.79 - 3.8	1.9/30.3	62411
2000 RL ₁₃	2009 09 28.4	00 19.61 +23 39.1 18.7	-0.94 - 1.9	8.8/05.5	62306
2005 LY ₄₀	2009 09 28.4	00 19.62 -10 29.2 20.0	-0.97 - 6.1	5.0/24.4	62420
2006 WY ₁₆	2009 09 28.4	00 19.62 +01 34.6 18.8	-1.03 - 1.5	0.3/28.3	62493
2004 DL ₆₂	2009 09 28.4	00 19.62 -08 21.6 19.6	-0.81 -13.4	3.3/24.4	60798
2005 SG ₂₄₀	2009 09 28.4	00 19.64 +10 28.6 20.0	-0.89 - 5.3	3.2/01.2	62437
2000 EW ₁₅₂	2009 09 28.4	00 19.64 -05 40.5 19.9	-1.02 - 4.5	2.8/26.1	62304
2001 WR ₅₈	2009 09 28.4	00 19.65 +00 30.6 19.8	-0.88 - 4.7	0.5/28.0	62329
2005 YH ₁₇₅	2009 09 28.4	00 19.65 -19 13.5 20.2	-0.74 - 4.4	6.1/21.0	98062
2008 CY ₄₃	2009 09 28.4	00 19.65 -08 20.9 20.7	-0.95 - 6.5	3.8/25.1	56127
2003 GU	2009 09 28.4	00 19.66 +05 13.9 19.1	-0.87 -23.9	1.3/29.8	62371
2005 VH ₁₂₈	2009 09 28.4	00 19.68 -00 18.3 20.3	-0.85 - 7.0	0.8/27.6	62459
2001 XG ₁₀₈	2009 09 28.4	00 19.69 +25 14.5 17.9	-0.83 - 5.0	9.7/07.2	62332
1999 TR ₂₀₇	2009 09 28.4	00 19.70 +27 22.4 18.5	-0.84 - 3.4	9.3/07.6	62298

2005 WR ₆₇	2009 09 28.4	00 19.70 +06 12.9 20.3	-0.81 - 5.9	1.4/29.9	62461
2007 AQ ₁₂	2009 09 28.4	00 19.72 -04 58.4 20.8	-0.82 - 6.3	2.2/26.1	62499
2004 VY ₂₀	2009 09 28.4	00 19.72 +14 49.0 19.4	-0.71 - 7.5	4.0/03.2	62411
2008 FN ₇	2009 09 28.4	00 19.73 -00 14.4 19.1	-0.96 - 3.0	1.1/27.8	62529
2008 JC ₂₄	2009 09 28.4	00 19.74 +03 18.0 19.4	-0.99 - 2.7	0.5/28.8	62539
2006 AD ₈₁	2009 09 28.5	00 19.73 +15 52.4 20.3	-0.81 - 2.7	3.7/02.9	58523
2007 HY ₉₀	2009 09 28.5	00 19.76 +00 50.9 21.9	-0.71 - 4.5	0.3/28.1	42885
2007 AB ₂₉	2009 09 28.5	00 19.76 -07 06.2 20.1	-0.80 - 7.3	3.2/25.3	62499
2005 XZ ₁₅	2009 09 28.5	00 19.80 -12 07.6 19.8	-0.85 - 4.1	4.9/23.8	56037
2005 XM ₅₄	2009 09 28.5	00 19.81 -04 56.4 21.0	-0.85 - 3.9	2.4/26.3	62466
2005 SX ₁₉₃	2009 09 28.5	00 19.82 +10 08.1 20.2	-0.79 - 8.6	2.6/01.4	62436
1998 FN ₆₇	2009 09 28.5	00 19.84 -03 24.3 20.8	-0.80 - 4.7	1.5/26.7	59646
2005 TA ₁₃₈	2009 09 28.5	00 19.92 +03 27.9 20.3	-0.75 -11.9	0.5/29.1	62441
2007 CB ₆₅	2009 09 28.5	00 19.93 +07 50.1 19.6	-1.01 - 2.4	2.4/30.0	62504
2008 EL ₉₂	2009 09 28.5	00 19.94 -06 17.3 19.8	-0.99 - 2.4	3.1/26.2	62528
2002 TD ₁₀₁	2009 09 28.5	00 19.95 +05 35.5 19.8	-0.89 - 5.3	1.6/29.7	62358
2008 DH ₁₅	2009 09 28.5	00 19.95 -01 32.9 20.9	-0.91 - 6.7	1.3/27.3	43295
2003 FZ ₉₁	2009 09 28.5	00 19.96 -09 30.2 20.6	-0.86 - 3.7	3.6/24.9	16251
2008 JC ₂₀	2009 09 28.5	00 19.97 -19 26.9 20.9	-0.86 - 4.7	6.5/21.4	41672
2005 LX ₃₃	2009 09 28.5	00 19.98 -07 44.9 20.7	-1.02 - 5.3	3.8/25.5	62420
2004 HF ₈	2009 09 28.5	00 19.99 +05 13.9 20.4	-0.94 - 5.9	1.1/29.5	62391
2005 WB ₁₀₀	2009 09 28.5	00 20.02 -01 06.3 19.9	-0.81 - 5.5	1.4/27.5	62462
2008 LY ₂	2009 09 28.5	00 20.02 -04 24.8 20.6	-0.78 - 6.7	2.3/26.3	62540
2002 EJ ₁₁	2009 09 28.5	00 20.03 +08 54.4 19.1	-0.54 - 1.6	1.2/30.8	62343
2003 HM ₃₅	2009 09 28.5	00 20.04 -01 18.7 21.0	-0.77 - 6.5	1.0/27.4	58450
2001 XC ₉₆	2009 09 28.5	00 20.05 -11 46.6 19.0	-0.88 - 3.6	6.3/24.0	62332
2005 UT ₄₆₀	2009 09 28.5	00 20.08 +08 32.5 19.8	-0.81 - 5.9	2.5/30.7	62454
2009 SS ₁₁₂	2009 09 28.5	00 20.12 +09 21.6 19.9	-0.87 - 9.6	2.7/01.2	62216
2006 AF ₈₂	2009 09 28.5	00 20.13 -14 12.7 19.7	-0.72 - 5.0	4.7/22.8	62475
2005 ND ₄₂	2009 09 28.5	00 20.13 -07 40.9 20.0	-0.89 - 7.7	3.6/25.2	62423
2004 HL ₂₉	2009 09 28.5	00 20.13 -00 18.4 20.6	-0.93 - 4.3	0.9/27.8	62391
2005 TR ₂₁	2009 09 28.5	00 20.15 -02 38.4 21.3	-0.93 - 4.2	1.7/27.1	57016
2005 QE ₁₂₆	2009 09 28.5	00 20.16 +05 45.0 20.6	-0.97 - 4.0	1.3/29.7	62428
2000 SL ₂₄₅	2009 09 28.6	00 20.07 +05 03.4 18.9	-0.83 - 5.2	1.1/29.5	62308
2005 VF ₇₇	2009 09 28.6	00 20.09 +12 16.9 19.8	-0.96 - 3.1	3.7/01.6	62458
2008 DC ₂₃	2009 09 28.6	00 20.10 +20 24.3 19.7	-0.97 - 5.3	6.1/04.9	62525
2002 CF ₇₉	2009 09 28.6	00 20.10 +03 54.3 19.5	-0.50 - 2.5	0.3/29.2	62340
2007 CN ₅₄	2009 09 28.6	00 20.15 +07 36.0 21.2	-0.89 - 5.5	1.8/30.4	22874
2005 WB ₂₉	2009 09 28.6	00 20.17 +09 32.7 19.8	-0.78 - 5.2	3.3/01.1	62460
2002 CJ ₂₀₄	2009 09 28.6	00 20.21 +09 31.9 20.0	-0.53 - 2.2	1.4/01.2	61845
2005 YU ₈₄	2009 09 28.6	00 20.21 +18 51.5 19.6	-0.79 - 4.3	4.7/04.4	62470
2008 HJ ₄₇	2009 09 28.6	00 20.22 -26 56.5 20.3	-0.86 - 4.1	9.1/18.4	40604
2002 HS ₁₀	2009 09 28.6	00 20.24 -31 42.2 19.6	-1.07 + 2.1	9.8/19.4	62347
2000 EM ₂	2009 09 28.6	00 20.27 +04 55.4 20.8	-0.93 - 5.5	0.9/29.5	62303
2006 VR ₂₅	2009 09 28.6	00 20.33 -01 17.5 20.8	-0.99 - 4.9	1.3/27.6	58554
2005 YU ₂₇₅	2009 09 28.6	00 20.33 +07 42.3 18.0	-1.05 0.0	2.3/30.1	62451
2005 QM ₈	2009 09 28.6	00 20.36 +02 55.4 19.6	-0.91 - 7.0	0.3/28.9	62425
2004 YY ₅	2009 09 28.6	00 20.36 -11 27.8 18.5	-0.76 - 3.4	4.7/24.2	62416
2005 VF ₄₉	2009 09 28.6	00 20.37 +22 10.7 19.7	-0.89 - 4.7	7.5/05.4	96381
2007 BD ₂	2009 09 28.6	00 20.38 +17 14.9 21.0	-0.92 - 3.2	4.4/03.4	18187
2006 DP ₁₆₁	2009 09 28.6	00 20.39 +01 42.4 20.1	-0.75 - 4.9	0.2/28.5	62482

2005 WX ₂₀₈	2009 09 28.6	00 20.40 +00 37.2 20.9	-0.74 - 4.9	0.4/28.1	62465
2005 WF ₁₈₆	2009 09 28.6	00 20.40 -14 41.8 19.1	-0.86 - 7.3	6.0/22.5	62464
2005 QW ₆₁	2009 09 28.6	00 20.41 +10 51.9 19.9	-0.94 - 6.3	3.2/01.6	62427
2001 TR ₂₉	2009 09 28.6	00 20.41 +02 46.0 18.9	-1.01 - 1.8	0.2/28.8	62321
2006 UR ₃₂₉	2009 09 28.6	00 20.42 -08 19.6 20.3	-0.99 - 5.9	4.3/25.3	62491
2005 UY ₄₈₃	2009 09 28.6	00 20.43 -04 09.7 20.1	-0.81 - 7.8	2.3/26.4	62455
2005 YD ₁₀₈	2009 09 28.6	00 20.46 +09 59.5 19.6	-0.78 - 5.1	2.6/01.3	62470
2008 DR ₆₆	2009 09 28.6	00 20.49 -02 18.9 20.6	-0.93 - 8.7	1.8/27.2	37753
2005 YR ₄₄	2009 09 28.6	00 20.49 +08 12.0 19.2	-0.75 - 5.3	1.9/30.8	62468
2008 GG ₁₃₁	2009 09 28.6	00 20.51 -05 41.8 22.0	-0.95 - 5.5	2.8/26.2	40003
2004 TN ₇₅	2009 09 28.7	00 20.44 -17 42.2 19.4	-0.99 + 0.8	7.1/23.1	62405
2007 CN ₃₆	2009 09 28.7	00 20.45 +02 46.8 20.5	-0.94 - 5.5	0.2/28.9	62041
2007 EZ ₇₃	2009 09 28.7	00 20.49 -04 12.3 20.0	-0.68 - 7.5	1.8/26.4	62511
2007 FJ ₃₉	2009 09 28.7	00 20.51 +07 02.4 19.5	-0.87 - 2.4	1.6/30.2	62061
2001 SW ₁₇₃	2009 09 28.7	00 20.51 -12 22.2 18.7	-1.19 + 3.9	6.5/25.5	62319
1998 XH ₁₈	2009 09 28.7	00 20.52 +16 16.3 20.5	-0.70 - 6.1	3.9/03.9	20728
2005 HC ₆	2009 09 28.7	00 20.53 -08 34.0 20.3	-0.93 - 7.2	4.4/25.1	62419
2006 WR ₂₀₁	2009 09 28.7	00 20.56 +02 28.5 20.7	-0.86 - 6.6	0.1/28.8	62496
2000 GB ₁₃₁	2009 09 28.7	00 20.59 +04 27.6 20.7	-0.93 - 6.7	0.8/29.5	62305
2005 UL ₂₁₈	2009 09 28.7	00 20.60 +06 41.3 21.0	-0.88 - 4.6	1.5/30.2	62449
2004 TX ₅₅	2009 09 28.7	00 20.60 -10 39.9 20.2	-0.83 - 2.3	4.0/24.7	62404
2005 UT ₇	2009 09 28.7	00 20.61 -04 02.5 19.6	-0.91 - 1.9	2.8/26.9	97873
2005 YJ ₂₄	2009 09 28.7	00 20.63 -03 37.4 19.4	-0.76 - 5.3	2.1/26.8	60855
2002 YG ₂₁	2009 09 28.7	00 20.64 +13 16.6 18.7	-0.88 - 6.1	4.7/02.5	62365
2008 HG ₈	2009 09 28.7	00 20.64 -03 15.6 19.4	-0.72 -10.3	2.0/26.7	62536
2002 AK ₁₂₆	2009 09 28.7	00 20.68 +09 17.8 19.5	-0.85 - 4.8	2.6/01.1	62337
2005 SB ₁₄₃	2009 09 28.7	00 20.76 -05 05.5 21.1	-0.87 - 5.9	2.6/26.3	62435
2005 WR ₉₃	2009 09 28.7	00 20.77 -17 24.1 19.7	-0.83 - 6.5	7.0/21.5	19671
2005 JS ₁₁₂	2009 09 28.7	00 20.78 +13 43.6 20.0	-0.46 - 5.6	2.0/03.2	62419
2007 AU ₃	2009 09 28.7	00 20.79 +25 00.2 19.6	-1.08 - 2.0	8.4/05.8	62498
2005 OO ₃₁	2009 09 28.7	00 20.80 +07 12.6 20.2	-0.87 - 8.2	1.8/30.5	62425
2001 XN ₂₄₅	2009 09 28.7	00 20.82 +08 38.2 19.4	-0.87 - 4.9	2.5/30.8	62334
2009 SP ₁₅	2009 09 28.7	00 20.82 +09 23.7 19.7	-0.92 - 1.4	2.5/30.9	62201
2003 KC ₁₃	2009 09 28.7	00 20.83 -14 06.7 21.2	-0.84 - 3.9	5.0/23.5	16255
2005 SL ₂₂₇	2009 09 28.7	00 20.86 +00 45.3 20.1	-0.88 - 5.0	0.6/28.3	62437
2008 GG ₁₂₀	2009 09 28.7	00 20.87 -12 04.6 18.8	-0.95 - 3.8	6.0/24.4	62535
2008 BT ₄₉	2009 09 28.7	00 20.88 -10 58.6 20.5	-0.97 - 5.3	4.9/24.6	62523
2005 VN ₁₁₁	2009 09 28.8	00 20.80 +15 30.2 20.9	-0.83 - 5.7	4.5/03.3	97974
2005 ST ₁₀₆	2009 09 28.8	00 20.82 +03 11.3 20.2	-0.84 - 6.3	0.4/29.1	62434
2005 UX ₁₅₂	2009 09 28.8	00 20.84 -06 35.9 18.9	-0.94 - 2.5	3.6/26.2	62447
2008 EN ₅₉	2009 09 28.8	00 20.88 +00 17.7 21.3	-0.91 - 7.8	0.7/28.2	62527
2007 CP ₃₇	2009 09 28.8	00 20.88 -13 39.6 19.6	-0.75 - 8.7	5.4/22.8	62503
2001 XF ₇₄	2009 09 28.8	00 20.89 +03 45.2 18.7	-0.77 - 7.0	0.6/29.3	62331
2003 OU ₁₀	2009 09 28.8	00 20.90 +24 41.9 19.0	-0.96 - 1.1	7.5/06.1	62372
2003 BK ₃₉	2009 09 28.8	00 20.90 -02 12.0 19.4	-0.88 - 7.0	1.8/27.3	62367
2008 BS ₄₇	2009 09 28.8	00 20.90 -09 30.4 20.1	-0.77 - 8.3	3.7/24.6	62523
2008 HH ₁	2009 09 28.8	00 20.91 -09 30.7 20.2	-0.86 - 6.9	4.2/24.8	62536
2005 SP ₂₃₀	2009 09 28.8	00 20.92 +04 20.5 19.9	-0.79 - 8.1	11.6/20.0	04351
2005 TC ₁₄₂	2009 09 28.8	00 20.92 +03 53.2 20.4	-0.80 - 9.3	0.5/29.4	62441
2001 XJ ₄	2009 09 28.8	00 20.95 +40 43.5 18.8	-1.06 - 7.5	17.3/16.7	62330
2007 CO ₅₁	2009 09 28.8	00 20.95 -02 16.1 19.1	-0.90 - 6.1	1.9/27.4	62504

2005 TD ₁₆₃	2009 09 28.8	00 20.96 +03 53.4 20.1	-0.92 - 4.6	0.6/29.3	97868
2007 GB ₆₈	2009 09 28.8	00 20.98 +01 13.1 20.8	-0.82 - 8.0	0.3/28.5	62519
2007 BZ ₁₉	2009 09 28.8	00 21.00 +08 35.6 21.1	-0.92 - 3.9	2.0/30.8	16009
2007 EA ₁₅₂	2009 09 28.8	00 21.01 -04 55.5 20.3	-0.70 - 5.7	2.1/26.4	62514
2006 AV ₄₇	2009 09 28.8	00 21.02 -04 18.3 21.3	-0.68 - 5.1	1.6/26.6	62475
2004 DU ₃₃	2009 09 28.8	00 21.02 -04 08.0 20.9	-0.90 - 7.2	2.2/26.7	11033
2005 UA ₂₀₂	2009 09 28.8	00 21.03 +06 55.1 20.2	-0.79 - 7.2	1.6/30.5	61968
2008 GO ₁₃₃	2009 09 28.8	00 21.05 -04 51.4 22.2	-0.89 - 6.4	2.4/26.5	40007
2004 TG ₁₁₃	2009 09 28.8	00 21.08 +02 13.9 20.3	-0.75 - 4.7	0.0/28.9	62406
2005 WR ₆₆	2009 09 28.8	00 21.08 -08 22.6 19.3	-0.85 - 3.8	3.8/25.5	62461
2007 EM ₈₀	2009 09 28.8	00 21.08 +00 02.8 20.8	-0.85 - 6.7	0.8/28.1	62512
2000 RO ₁₇	2009 09 28.8	00 21.08 +07 29.2 18.2	-0.55 -12.0	2.3/01.0	61835
2002 RV ₉₅	2009 09 28.8	00 21.09 +02 09.2 18.0	-0.75 -10.5	0.1/28.8	62354
2006 TH ₂₂	2009 09 28.8	00 21.10 +01 57.8 19.3	-0.90 - 8.6	0.1/28.8	62487
2002 UW ₇₅	2009 09 28.8	00 21.11 +08 04.2 19.3	-0.88 - 6.5	2.7/30.8	61870
2001 TO ₁₈₀	2009 09 28.8	00 21.13 +10 54.6 19.2	-0.83 - 4.6	4.0/01.7	62323
2001 TV ₁₈₀	2009 09 28.8	00 21.14 +07 13.1 19.7	-0.85 - 5.7	2.0/30.5	61840
2005 UZ ₃₆₉	2009 09 28.8	00 21.14 -12 09.3 21.3	-0.83 - 3.9	4.1/24.2	01077
2005 TT ₁₁₃	2009 09 28.8	00 21.14 +01 39.1 19.9	-0.95 - 3.0	0.2/28.7	62441
2004 DT ₁₈	2009 09 28.8	00 21.17 -02 12.4 20.5	-0.91 - 7.5	1.5/27.4	62385
2005 XV ₅₄	2009 09 28.8	00 21.20 +03 10.1 19.8	-0.82 - 4.3	0.4/29.2	61998
2006 BE ₆₈	2009 09 28.9	00 21.15 +12 04.7 19.3	-0.82 - 2.9	3.1/02.0	62477
2005 UA	2009 09 28.9	00 21.16 +13 14.9 18.2	-0.60 -30.7	4.3/04.1	61950
2001 SO ₁₃₆	2009 09 28.9	00 21.17 +05 58.0 19.9	-0.79 -10.5	1.2/30.3	62319
2005 UZ ₁₉₀	2009 09 28.9	00 21.19 -04 32.9 20.7	-0.89 - 3.3	2.4/26.8	60845
2007 DT ₃₆	2009 09 28.9	00 21.21 +05 16.7 20.3	-1.06 - 0.5	1.2/29.7	62045
2007 FH ₄₃	2009 09 28.9	00 21.21 +27 57.1 19.8	-1.44 + 4.5	9.5/04.3	62517
2007 DO ₁₀₃	2009 09 28.9	00 21.22 +06 47.9 21.0	-0.88 - 3.1	1.4/30.3	19708
2004 UU	2009 09 28.9	00 21.23 -41 08.5 20.1	-1.63 + 5.0	21.0/14.9	38036
2004 TS ₃₅₇	2009 09 28.9	00 21.24 +05 37.3 19.6	-0.77 - 4.9	1.1/30.0	62410
2001 DW ₁₇	2009 09 28.9	00 21.24 -14 12.2 20.6	-0.67 - 5.8	4.0/23.0	40091
2007 DD ₂	2009 09 28.9	00 21.27 -09 54.7 20.4	-0.83 - 4.2	3.5/25.0	62504
2005 UR ₂₃₆	2009 09 28.9	00 21.30 +15 24.1 18.6	-0.64 -13.7	5.3/04.5	62450
2005 YL ₅₃	2009 09 28.9	00 21.31 -03 02.4 19.8	-0.77 - 5.0	1.9/27.2	62469
2005 UD ₄₄₇	2009 09 28.9	00 21.38 +10 03.4 20.0	-0.90 - 4.3	2.7/01.4	62454
2003 QS ₉₆	2009 09 28.9	00 21.39 +01 38.6 20.5	-0.72 - 5.0	0.2/28.7	62374
2001 DA ₂₂	2009 09 28.9	00 21.41 -12 08.6 20.0	-0.74 - 3.3	3.6/24.2	21303
2005 VM ₄	2009 09 28.9	00 21.46 +05 27.7 19.8	-0.84 - 6.3	1.3/30.0	62456
2005 TO ₁₄₅	2009 09 28.9	00 21.48 -03 54.9 21.2	-0.77 - 7.7	2.7/26.7	21844
1994 UC ₁₀	2009 09 28.9	00 21.50 +04 35.1 20.3	-0.81 - 4.4	0.7/30.0	62291
2005 YQ ₁₆₉	2009 09 28.9	00 21.51 -20 28.0 21.0	-0.70 - 4.9	5.4/20.7	21352
2001 FR ₂₆	2009 09 28.9	00 21.52 +05 51.5 19.4	-0.81 - 2.6	1.0/30.0	62313
2007 EJ ₇₄	2009 09 28.9	00 21.52 +04 02.5 19.9	-0.80 - 4.7	0.6/29.5	62512
2004 TN ₂₆₈	2009 09 28.9	00 21.54 -04 57.7 20.1	-0.78 - 3.7	2.0/26.6	62409
2005 SP ₇₈	2009 09 28.9	00 21.54 +00 39.2 20.2	-0.79 - 9.7	0.6/28.4	61936
2006 DQ ₅₁	2009 09 28.9	00 21.55 +00 30.0 19.9	-0.72 - 4.4	0.5/28.4	62481
2000 RM ₉₈	2009 09 28.9	00 21.55 +27 50.5 18.5	-0.93 - 1.5	10.8/07.8	62307
2002 QM ₁₀₇	2009 09 28.9	00 21.56 +03 34.3 19.8	-0.95 - 7.3	0.5/29.4	62352
2007 FY ₄₆	2009 09 28.9	00 21.57 +01 49.3 20.2	-0.79 - 7.2	0.2/28.8	62061
2008 HB ₂₈	2009 09 28.9	00 21.59 +06 48.6 20.6	-0.92 - 7.6	1.7/30.5	62093
2006 WR ₅₁	2009 09 29.0	00 21.52 -07 57.5 21.0	-0.99 - 4.5	3.6/25.8	62494

2002 EP ₁₃₆	2009 09 29.0	00 21.53 +01 12.0 19.9	-0.81 - 4.5	0.4/28.6	62345
2007 EB ₁₁₃	2009 09 29.0	00 21.54 +03 37.6 20.9	-0.90 - 6.5	0.5/29.4	20855
2007 FZ ₁₆	2009 09 29.0	00 21.54 +03 44.7 21.1	-0.87 - 5.4	0.5/29.5	62516
2002 GC ₃	2009 09 29.0	00 21.55 +15 00.0 20.5	-0.70 - 8.3	3.1/03.8	59391
2008 HF ₅₅	2009 09 29.0	00 21.56 -08 50.5 20.3	-0.89 - 3.4	4.2/25.6	62537
2001 ST ₂₉₂	2009 09 29.0	00 21.56 +04 06.6 19.4	-0.90 - 5.0	0.6/29.6	62320
2002 CF ₁₃₀	2009 09 29.0	00 21.58 +16 03.2 19.7	-0.96 - 1.9	5.0/03.0	61844
2004 XP ₁	2009 09 29.0	00 21.63 -02 30.0 19.0	-0.84 - 2.0	1.5/27.6	18109
2002 RZ ₅₃	2009 09 29.0	00 21.63 -02 11.4 18.6	-0.76 - 4.3	2.4/27.5	62353
2001 XF ₂₀	2009 09 29.0	00 21.64 -12 46.8 18.3	-0.92 - 2.9	6.5/24.2	62330
2004 RJ ₁₈₀	2009 09 29.0	00 21.65 +13 23.1 19.7	-0.86 - 4.3	3.5/02.7	62399
2007 CB ₄₈	2009 09 29.0	00 21.66 -03 54.3 21.0	-0.74 - 6.6	1.8/26.9	41861
2005 UC ₂₉₂	2009 09 29.0	00 21.69 +08 16.3 20.7	-0.82 - 5.2	1.7/01.0	62451
2005 XL ₆₈	2009 09 29.0	00 21.70 -04 57.7 20.1	-0.85 - 3.7	2.6/26.8	62467
2007 EG ₂₁₉	2009 09 29.0	00 21.71 -01 24.1 19.1	-0.79 - 3.3	1.2/27.9	62516
2000 ST ₁₄₉	2009 09 29.0	00 21.71 +06 39.2 18.2	-0.67 -10.6	1.7/30.7	61836
2005 WY ₄₆	2009 09 29.0	00 21.72 -08 00.6 19.3	-0.86 - 3.8	3.6/25.8	62461
2006 BK ₃₀	2009 09 29.0	00 21.76 +07 39.8 20.2	-0.81 - 3.4	1.7/30.7	62476
2003 BO ₄₉	2009 09 29.0	00 21.78 -06 46.8 21.2	-0.84 - 5.4	2.6/26.0	62367
2000 FP ₆	2009 09 29.0	00 21.78 -06 46.9 18.3	-1.66 + 9.7	5.0/27.9	61833
2001 CF ₄₆	2009 09 29.0	00 21.79 -31 51.4 20.1	-0.79 - 5.3	9.0/15.1	43118
2008 HQ ₁₁	2009 09 29.0	00 21.84 -07 27.2 20.5	-0.88 - 7.9	3.6/25.7	62536
2005 YY ₂₅₀	2009 09 29.0	00 21.87 +01 36.5 20.6	-0.76 - 5.8	0.3/28.8	62473
2003 SG ₁₁₃	2009 09 29.0	00 21.87 +16 03.5 19.8	-0.72 - 6.0	4.0/04.0	95078
2005 NJ ₄₀	2009 09 29.0	00 21.89 -01 00.0 19.1	-0.80 - 6.2	1.6/27.9	62423
2008 EU ₁₅₅	2009 09 29.0	00 21.89 -04 21.0 20.5	-0.81 - 7.3	2.3/26.8	41917
1995 DP ₅	2009 09 29.0	00 21.94 +07 50.3 20.4	-0.74 - 4.3	1.5/30.9	62291
2005 US ₁₇₇	2009 09 29.0	00 21.95 -15 14.2 21.1	-0.93 - 1.5	5.5/23.9	15891
1999 TC ₂₀₀	2009 09 29.1	00 21.87 +27 06.1 19.8	-1.00 - 8.8	8.5/08.0	17902
2003 FB ₅₆	2009 09 29.1	00 21.87 +06 09.7 20.3	-0.90 - 3.7	1.2/30.3	16250
2008 LU ₈	2009 09 29.1	00 21.89 -20 08.3 20.5	-0.97 - 2.1	7.7/22.2	40777
2001 VA ₂₈	2009 09 29.1	00 21.89 -04 50.7 18.1	-0.90 - 2.6	3.2/26.9	62327
2005 SE ₁₈₁	2009 09 29.1	00 21.96 +07 32.4 20.8	-0.88 - 5.2	1.7/30.8	62436
2007 CY ₃₂	2009 09 29.1	00 21.96 +02 33.8 20.5	-0.92 - 6.4	0.1/29.2	62503
2005 YS ₁₁₁	2009 09 29.1	00 21.97 +00 35.5 20.2	-0.73 - 5.6	0.5/28.5	62470
2008 HE ₃₅	2009 09 29.1	00 21.98 -10 25.4 19.9	-0.88 - 6.9	4.6/24.8	62537
2005 YX ₂₁₃	2009 09 29.1	00 22.03 -15 24.5 20.0	-0.72 - 4.0	4.8/23.0	19270
2003 FS ₁₂₄	2009 09 29.1	00 22.07 -00 54.9 20.8	-0.79 - 6.0	1.0/28.0	19597
2008 FW ₆₃	2009 09 29.1	00 22.07 -08 26.7 20.0	-0.99 - 0.5	3.4/26.3	62530
2000 SP ₂₈₁	2009 09 29.1	00 22.09 +06 12.5 18.7	-0.73 - 9.3	1.4/30.6	62308
2002 GU ₅	2009 09 29.1	00 22.10 -29 00.2 19.7	-1.07 + 2.4	9.4/21.0	60762
2002 AU ₉₈	2009 09 29.1	00 22.11 -20 16.2 19.8	-0.87 - 6.0	7.4/20.8	21774
2005 NB ₁₁	2009 09 29.1	00 22.14 -04 32.3 19.5	-0.81 - 7.0	3.2/26.8	62422
2004 ED ₄₆	2009 09 29.1	00 22.14 +01 04.2 20.0	-0.88 - 8.9	0.5/28.7	62387
2007 DH ₆₆	2009 09 29.1	00 22.17 +05 51.1 20.1	-1.04 - 2.4	1.4/30.0	62507
2007 ED ₂₁	2009 09 29.1	00 22.20 -02 30.9 20.1	-0.69 - 9.8	1.7/27.3	62510
2007 BO ₅₅	2009 09 29.1	00 22.20 -00 30.5 20.8	-0.98 - 5.1	1.2/28.3	62501
1999 TM ₅₀	2009 09 29.1	00 22.21 +03 27.3 19.8	-0.77 - 5.5	0.4/29.5	62297
2007 CT ₆₀	2009 09 29.1	00 22.22 -11 30.1 23.8	-0.86 - 5.2	4.3/24.5	19350
2005 JU ₉₅	2009 09 29.1	00 22.24 +03 55.9 20.0	-0.92 - 8.9	0.6/29.7	62419
2008 EY ₄₁	2009 09 29.1	00 22.24 -02 37.8 19.3	-1.02 - 2.5	2.1/27.8	62527

2005 UA ₂₆₈	2009 09 29.1	00 22.24 +15 26.1 20.7	-0.80 - 6.6	4.4/03.8	96243
2002 GU ₁₆₉	2009 09 29.1	00 22.25 +02 04.8 20.5	-0.77 - 3.7	0.1/29.1	62347
2004 UQ ₃	2009 09 29.1	00 22.26 +40 53.3 18.5	-1.05 -12.9	15.7/17.5	62410
2002 AY ₁₅₇	2009 09 29.1	00 22.30 -07 39.3 20.2	-0.78 - 6.5	3.0/25.7	62338
2001 TF ₂₀₇	2009 09 29.1	00 22.30 -01 26.4 20.1	-0.99 - 2.3	1.3/28.1	62323
2006 BZ ₇₄	2009 09 29.2	00 22.23 +09 00.6 21.1	-0.80 - 2.9	2.0/01.3	62009
2005 OS ₁₃	2009 09 29.2	00 22.24 +13 03.3 18.0	-0.95 + 0.4	5.5/02.2	62424
2008 GQ ₁	2009 09 29.2	00 22.24 +03 29.0 20.1	-0.96 - 5.6	0.4/29.5	62532
2005 SR ₂₄₆	2009 09 29.2	00 22.25 +10 48.2 20.2	-0.79 -10.0	2.7/02.4	58512
2008 GC ₃₉	2009 09 29.2	00 22.25 -02 28.1 20.7	-0.82 - 6.6	1.7/27.6	62533
2005 YH ₁₄₄	2009 09 29.2	00 22.25 -20 44.8 21.9	-0.71 - 5.2	5.7/20.7	98057
2008 JQ ₂₉	2009 09 29.2	00 22.25 -10 34.5 20.6	-0.71 - 6.2	4.0/24.6	62539
2004 BQ ₁₅	2009 09 29.2	00 22.31 -08 22.0 19.7	-0.94 - 7.6	4.5/25.5	62382
2001 VU ₈₂	2009 09 29.2	00 22.32 -17 55.2 21.0	-1.00 - 2.7	6.8/22.8	46902
2007 EJ ₈₆	2009 09 29.2	00 22.35 +11 32.0 20.2	-0.67 - 7.5	2.3/02.6	59791
2007 GX ₁₈	2009 09 29.2	00 22.37 +11 28.1 20.6	-0.69 - 6.4	2.5/02.5	21879
2007 DK ₄	2009 09 29.2	00 22.38 +04 15.5 21.3	-0.94 - 6.9	0.6/29.8	20849
2002 QW ₁₅	2009 09 29.2	00 22.39 +46 22.4 18.7	-1.17 - 4.3	16.2/20.0	62351
2002 CE ₇₉	2009 09 29.2	00 22.39 +03 02.8 19.5	-0.86 - 4.0	0.2/29.4	19569
2005 UN ₂₃₆	2009 09 29.2	00 22.43 -12 25.2 20.2	-0.82 - 2.7	6.9/24.4	97924
1995 MQ ₆	2009 09 29.2	00 22.47 +22 09.5 19.4	-0.87 - 7.0	8.9/06.6	62291
2006 SU ₉₅	2009 09 29.2	00 22.49 +00 52.1 19.8	-0.92 - 7.7	0.7/28.7	62486
2006 VB ₁₇₀	2009 09 29.2	00 22.49 -03 34.8 20.7	-0.96 - 5.5	2.2/27.4	40169
2006 AV ₁₅	2009 09 29.2	00 22.53 -15 29.9 18.9	-0.84 - 1.3	5.4/23.8	62474
2005 UX ₁₂₆	2009 09 29.2	00 22.54 -05 40.6 19.5	-0.91 - 2.4	3.3/26.9	61963
2005 YA ₁₄	2009 09 29.2	00 22.56 +05 41.5 20.2	-0.83 - 5.0	1.3/30.0	62468
2005 VY ₃₉	2009 09 29.2	00 22.57 -00 24.3 19.2	-0.76 - 9.0	1.0/28.2	62457
2008 CQ ₂₂	2009 09 29.2	00 22.57 -25 43.9 19.0	-0.75 -20.4	12.3/15.9	62069
2004 KS ₆	2009 09 29.2	00 22.60 -00 32.8 20.4	-0.88 - 6.1	1.0/28.3	62393
2004 DZ ₁₁	2009 09 29.2	00 22.60 +15 58.0 19.3	-1.13 - 1.6	5.2/03.1	62385
2008 FL ₁₀₅	2009 09 29.2	00 22.60 -04 25.7 20.7	-0.91 - 4.6	2.6/27.1	60903
2002 GU ₅₆	2009 09 29.2	00 22.60 -25 13.7 20.2	-0.79 - 2.7	7.1/20.0	18006
2005 UT ₂₈₀	2009 09 29.2	00 22.61 -06 39.6 20.1	-0.95 - 2.9	3.2/26.6	62451
2003 CS ₂₀	2009 09 29.2	00 22.61 +05 26.1 24.2	-0.75 - 6.5	0.7/30.3	48327
2005 LV ₂₃	2009 09 29.2	00 22.62 -02 29.2 19.2	-0.91 - 7.2	2.1/27.7	62420
2001 XT ₂₀₀	2009 09 29.2	00 22.65 -02 08.1 20.2	-0.94 - 4.4	1.7/27.9	62333
2007 CX ₃₄	2009 09 29.2	00 22.65 +09 04.2 20.1	-0.93 - 6.8	2.6/01.5	62040
2005 ST ₁₃₃	2009 09 29.2	00 22.65 +02 24.8 19.4	-0.88 - 4.3	0.0/29.3	61939
2007 EP ₁₄₃	2009 09 29.2	00 22.66 +09 59.2 21.2	-0.85 - 1.9	2.0/01.6	62056
2003 AD ₅₄	2009 09 29.2	00 22.69 +40 01.2 20.8	-1.06 - 2.4	9.1/13.3	60781
2005 YM ₂₈₄	2009 09 29.3	00 22.59 -00 15.8 21.6	-0.75 - 4.6	0.7/28.4	20479
2003 UO ₃₂₈	2009 09 29.3	00 22.60 +13 02.3 20.0	-0.82 - 2.5	3.2/02.6	58462
2005 TK ₁₄₅	2009 09 29.3	00 22.63 +01 07.5 19.8	-0.75 -11.6	0.5/28.8	62441
2001 UZ ₂₂₄	2009 09 29.3	00 22.63 -06 28.5 19.5	-0.75 - 9.7	3.4/26.0	62326
2008 GO ₁₂₉	2009 09 29.3	00 22.68 -07 44.6 19.7	-0.83 - 3.5	4.0/26.1	62535
2005 SZ ₁₁₃	2009 09 29.3	00 22.68 +03 47.8 19.8	-0.86 - 5.3	0.6/29.8	62434
2007 EN ₁₆₉	2009 09 29.3	00 22.69 -00 18.4 21.5	-0.71 - 4.4	0.7/28.4	20857
2009 PV ₁₅	2009 09 29.3	00 22.71 -00 21.3 17.9	-0.60 -10.0	1.3/28.2	62132
2006 BQ ₁₅₁	2009 09 29.3	00 22.73 -00 05.4 20.4	-0.79 - 4.7	0.8/28.5	62478
2007 EP ₈₅	2009 09 29.3	00 22.74 +08 40.0 18.5	-0.99 + 0.7	2.1/31.0	62053
2008 ED ₇₄	2009 09 29.3	00 22.74 -03 32.3 20.0	-0.98 - 4.6	2.2/27.5	62527

2008 EN ₁₄₃	2009 09 29.3	00 22.78 -00 31.9 20.2	-1.07 - 3.4	1.2/28.5	62528
2005 WV ₄₄	2009 09 29.3	00 22.79 +09 25.4 20.9	-0.87 - 6.1	2.6/01.6	97986
2005 XX ₂₆	2009 09 29.3	00 22.80 -15 59.4 20.8	-0.82 - 3.7	6.7/23.2	96614
2005 UM ₃₂₁	2009 09 29.3	00 22.80 +09 59.9 20.3	-0.85 - 6.6	3.1/01.9	61974
2004 GO ₅₆	2009 09 29.3	00 22.81 +03 40.1 20.7	-0.96 - 5.1	0.4/29.7	62391
2004 PC ₁₁₄	2009 09 29.3	00 22.82 +20 14.0 19.7	-0.90 - 3.7	5.3/05.3	18082
2002 TA ₂₃	2009 09 29.3	00 22.83 +03 28.9 18.1	-0.70 - 7.0	0.5/29.7	62356
2007 HO ₈₃	2009 09 29.3	00 22.91 +10 23.8 20.2	-0.72 - 5.1	2.2/02.1	62521
2005 UK ₁₀₃	2009 09 29.3	00 22.93 -00 24.0 21.0	-0.83 - 5.8	1.0/28.4	62446
2000 DK ₆₁	2009 09 29.3	00 22.93 +04 03.3 20.2	-1.00 - 4.8	0.6/29.9	62303
2005 UG ₄₅	2009 09 29.3	00 22.93 -12 42.7 21.2	-0.87 - 3.4	4.6/24.6	16321
2006 WP ₃₆	2009 09 29.3	00 22.94 -00 32.5 21.0	-0.92 - 7.5	1.1/28.4	57114
2005 WS ₃₅	2009 09 29.3	00 22.94 +08 28.9 19.1	-0.80 - 6.2	2.2/01.4	62460
2005 UQ ₃₂₄	2009 09 29.3	00 22.96 -12 23.7 20.4	-0.92 - 2.3	5.4/25.0	46314
2006 XY ₁₇	2009 09 29.3	00 22.99 -05 48.6 21.3	-0.85 - 4.7	2.5/26.7	62496
2006 DP ₁₆	2009 09 29.4	00 22.97 +00 03.6 21.4	-0.75 - 4.0	0.7/28.6	01334
2004 TL ₁₂₉	2009 09 29.4	00 22.97 -09 00.1 18.7	-0.69 - 8.2	3.7/25.1	62406
2005 UT ₂₄	2009 09 29.4	00 22.97 +03 09.6 18.7	-0.87 - 4.5	0.3/29.6	62443
1997 SO ₃₀	2009 09 29.4	00 23.03 +00 13.0 20.3	-0.93 - 3.8	0.8/28.7	62293
2007 EQ ₁₆₈	2009 09 29.4	00 23.04 -06 14.3 20.0	-0.81 - 2.3	2.5/26.7	62515
2002 EJ ₇₆	2009 09 29.4	00 23.06 +04 03.8 20.6	-0.79 - 5.1	0.5/29.9	62344
2004 TL ₅₂	2009 09 29.4	00 23.07 +03 47.4 19.4	-0.76 - 4.8	0.4/29.9	62404
2006 CN ₆₁	2009 09 29.4	00 23.10 -09 17.9 19.9	-0.74 - 3.6	3.1/25.5	62480
2005 VX ₂	2009 09 29.4	00 23.12 +24 59.9 20.0	-0.97 - 2.5	7.8/06.7	62456
2008 EM ₃₉	2009 09 29.4	00 23.16 +10 40.0 20.4	-0.98 - 7.0	3.0/02.1	62076
2006 AJ ₂₂	2009 09 29.4	00 23.18 -10 27.4 20.1	-0.80 - 3.0	3.7/25.3	62474
2005 QX ₄₅	2009 09 29.4	00 23.19 +07 24.8 19.2	-1.14 + 0.3	2.0/30.7	61926
2005 YM ₅₄	2009 09 29.4	00 23.24 -09 45.0 21.1	-0.69 - 5.0	3.1/25.2	62469
2005 UR ₂₂₈	2009 09 29.4	00 23.26 -04 59.4 19.5	-0.85 - 3.9	3.1/27.1	61970
2005 WD ₁₁₀	2009 09 29.4	00 23.28 +17 11.4 19.7	-0.79 - 7.1	5.0/04.8	62462
2008 KG ₄	2009 09 29.4	00 23.28 +07 59.8 21.9	-0.77 - 9.0	1.7/01.5	40051
2006 YK ₃₀	2009 09 29.4	00 23.30 +12 51.7 20.3	-0.98 - 3.7	4.6/02.6	14505
1998 QJ ₅₉	2009 09 29.4	00 23.32 +05 50.5 18.8	-0.91 - 1.7	1.2/30.0	62294
2008 EG ₄₅	2009 09 29.4	00 23.34 +01 14.5 21.3	-0.91 - 8.0	0.5/29.1	39294
2000 CF ₁₇	2009 09 29.4	00 23.38 -05 20.1 20.2	-0.86 - 8.4	2.7/26.8	62302
2004 EJ	2009 09 29.4	00 23.40 +11 11.7 19.5	-1.02 - 3.9	3.3/02.1	62386
2006 YB ₄	2009 09 29.5	00 23.34 +08 11.3 19.8	-0.95 - 4.5	1.9/01.3	62497
2002 TD ₁₀₆	2009 09 29.5	00 23.35 +03 30.2 19.8	-1.00 - 4.5	0.4/29.8	61422
2003 FF ₁₁₀	2009 09 29.5	00 23.35 +06 51.3 21.1	-0.84 - 5.4	1.4/30.9	17463
2006 UX ₈₈	2009 09 29.5	00 23.36 +04 36.8 19.4	-0.97 - 6.2	0.9/30.2	62489
2005 UO ₅₈	2009 09 29.5	00 23.37 +04 55.4 20.8	-0.84 - 5.8	0.8/30.3	62444
2005 MK ₁₄	2009 09 29.5	00 23.38 +13 43.6 19.3	-0.88 - 6.0	4.9/03.3	62421
2004 SU ₆₀	2009 09 29.5	00 23.38 -24 41.0 19.0	-0.77 - 3.7	8.4/19.5	62403
2000 DX ₁₁₆	2009 09 29.5	00 23.39 +11 02.1 19.2	-0.82 - 2.5	2.8/02.2	62303
2005 UA ₃₉₇	2009 09 29.5	00 23.43 -13 54.8 20.1	-0.79 - 9.8	6.0/23.1	01080
2002 AJ ₁₈₉	2009 09 29.5	00 23.47 +20 15.2 19.3	-0.85 - 6.6	5.7/05.7	62338
2000 HB ₈₄	2009 09 29.5	00 23.47 -35 47.1 18.3	-1.11 - 0.5	11.6/14.9	62305
2005 UL ₉₁	2009 09 29.5	00 23.48 +13 11.6 19.2	-0.86 - 5.7	3.9/03.2	62445
2007 GJ ₃₇	2009 09 29.5	00 23.48 -02 54.5 21.1	-0.75 - 4.5	1.6/27.7	21879
1997 LY ₅	2009 09 29.5	00 23.49 +08 34.4 20.3	-0.87 - 9.3	2.0/01.7	62293
2006 AY ₄₈	2009 09 29.5	00 23.49 -01 20.3 20.9	-0.72 - 4.9	1.0/28.2	40160

2001 DH ₄₇	2009 09 29.5	00 23.55 -35 46.4 19.9	-0.99 -22.9	18.2/10.4	62312
2002 XT ₄₆	2009 09 29.5	00 23.55 +14 58.5 20.5	-0.95 - 4.6	4.1/03.5	13992
2008 DN ₆₈	2009 09 29.5	00 23.59 -00 20.0 19.9	-0.92 - 3.0	1.0/28.7	62526
2005 SC ₁₉₃	2009 09 29.5	00 23.60 +10 21.8 19.3	-0.75 -10.5	3.2/02.6	61940
2005 YV ₄₁	2009 09 29.5	00 23.60 -13 39.6 20.8	-0.74 - 4.8	4.6/23.9	98039
2004 BV ₉₁	2009 09 29.5	00 23.61 +13 29.1 18.8	-1.02 - 4.2	4.8/02.9	62383
2007 AO ₉	2009 09 29.5	00 23.61 -05 51.0 20.8	-0.92 - 5.5	3.0/26.9	14828
2005 UU ₄₁	2009 09 29.5	00 23.62 -05 34.5 18.3	-0.60 - 2.9	4.4/26.8	62443
2006 WE ₃	2009 09 29.5	00 23.64 -29 29.6 22.3	-1.21 - 0.9	10.7/19.5	15958
2006 VY ₁₁₁	2009 09 29.5	00 23.65 +01 45.2 20.3	-1.02 - 4.5	0.3/29.3	62493
2107 T-3	2009 09 29.5	00 23.66 +08 13.8 18.1	-0.97 - 2.9	2.2/01.2	62596
1999 TT ₁₂₉	2009 09 29.5	00 23.67 +05 14.1 18.6	-1.09 - 0.1	1.3/30.3	62298
2006 VN ₁₃₉	2009 09 29.5	00 23.67 +06 05.6 19.8	-0.96 - 6.6	1.4/30.7	62493
2002 CL ₆₈	2009 09 29.5	00 23.68 -02 23.5 19.4	-0.81 - 4.9	1.6/28.0	62340
2005 UN ₁₈₂	2009 09 29.5	00 23.68 +10 48.0 19.3	-0.80 - 7.3	3.0/02.5	62448
2005 SH ₆₅	2009 09 29.5	00 23.70 +00 32.9 19.4	-1.08 + 0.7	0.8/29.1	62433
2005 MC ₂₄	2009 09 29.5	00 23.71 -15 48.5 21.7	-0.91 - 6.8	6.5/23.4	58502
2005 YT ₇₂	2009 09 29.5	00 23.71 -15 42.1 19.7	-0.79 - 3.6	5.9/23.6	39790
2003 YW ₁₃₈	2009 09 29.5	00 23.71 -34 53.8 19.6	-0.99 - 9.0	12.7/13.1	16259
2005 MW ₁₄	2009 09 29.5	00 23.71 +12 40.8 19.2	-0.86 - 6.0	4.7/03.1	61919
2002 VM ₉₇	2009 09 29.5	00 23.73 +11 00.6 17.9	-0.75 - 5.2	4.4/02.5	62362
2005 TT ₁₆₆	2009 09 29.5	00 23.73 +04 41.2 18.7	-0.80 - 4.5	1.0/30.3	62442
2001 YX	2009 09 29.5	00 23.76 +64 27.7 18.1	-1.06 + 8.0	33.7/10.0	59674
2008 EX ₈₂	2009 09 29.5	00 23.78 +11 53.7 20.1	-1.04 - 6.1	3.7/02.6	62527
2004 TW ₄₇	2009 09 29.6	00 23.68 -01 23.1 20.3	-0.78 - 3.8	1.2/28.3	62404
2006 BJ ₁₉	2009 09 29.6	00 23.69 +01 16.2 21.5	-0.72 - 5.0	0.3/29.2	22533
1998 RS ₅₃	2009 09 29.6	00 23.70 +12 01.2 18.1	-0.79 - 3.0	4.9/02.7	62294
2006 WZ ₂₀₀	2009 09 29.6	00 23.71 -10 21.7 21.0	-0.81 - 7.4	4.3/25.0	40170
2007 EB ₁₄₉	2009 09 29.6	00 23.71 -03 22.4 20.0	-0.85 - 3.8	2.1/27.7	62056
2003 GF ₄₇	2009 09 29.6	00 23.72 -06 17.2 21.5	-0.79 - 6.0	2.6/26.6	18051
2001 TL ₁₀	2009 09 29.6	00 23.73 -12 59.8 18.9	-1.22 + 4.6	7.0/26.3	62321
2005 YQ ₁₂	2009 09 29.6	00 23.73 -02 22.0 20.4	-0.79 - 4.6	1.6/28.0	62468
2004 TA ₁₆₀	2009 09 29.6	00 23.74 +09 07.2 19.9	-0.73 - 6.5	2.1/01.9	62407
2006 VT ₈₇	2009 09 29.6	00 23.74 +06 40.2 18.6	-0.97 - 3.9	2.1/30.9	62492
2004 KU	2009 09 29.6	00 23.75 -40 27.8 21.7	-1.01 - 2.3	10.8/14.2	40686
2005 LP ₄₁	2009 09 29.6	00 23.78 -05 39.1 18.5	-0.82 - 5.4	3.9/26.9	61918
2006 UB ₄₄	2009 09 29.6	00 23.79 +00 33.7 19.5	-0.89 - 4.2	1.1/29.0	62489
2008 MA	2009 09 29.6	00 23.80 -20 36.3 20.3	-0.76 - 4.9	6.9/21.5	40635
2005 OA ₂₉	2009 09 29.6	00 23.80 +12 19.6 19.1	-0.90 - 4.8	4.2/02.8	62425
2005 MT ₁₆	2009 09 29.6	00 23.84 +09 28.9 20.4	-0.95 - 6.5	2.6/01.9	62421
2001 UT ₁₇₉	2009 09 29.6	00 23.84 -42 48.0 19.2	-1.41 + 5.8	16.7/16.8	40098
2007 ES ₁₆₇	2009 09 29.6	00 23.86 +05 36.7 20.7	-0.71 - 5.5	0.8/30.7	62514
2006 VE ₈₆	2009 09 29.6	00 23.87 +02 03.4 20.6	-0.94 - 7.4	0.2/29.5	62492
2007 FK ₂₄	2009 09 29.6	00 23.88 +02 28.2 20.1	-0.68 - 7.8	0.0/29.6	62061
2001 EM ₂₆	2009 09 29.6	00 23.89 +01 26.4 20.3	-0.93 - 7.9	0.4/29.3	62312
2002 EC ₁₄₄	2009 09 29.6	00 23.91 -00 34.0 20.0	-0.79 - 4.4	1.0/28.6	62345
2001 UR ₂₁	2009 09 29.6	00 23.93 +21 34.1 18.3	-0.78 -22.6	8.4/08.2	62324
1996 TT ₂₇	2009 09 29.6	00 23.97 -07 39.0 19.7	-1.05 - 3.4	4.7/26.6	62293
2009 SG ₁₁₃	2009 09 29.6	00 23.99 +09 05.2 20.0	-1.05 - 3.7	2.5/01.6	62216
2005 UT ₄₇₈	2009 09 29.6	00 24.05 +05 50.2 19.7	-0.83 - 5.6	1.1/30.8	62455
2002 VL ₁₁₄	2009 09 29.6	00 24.06 +02 41.9 18.5	-0.79 - 6.4	12.0/10.0	61872

2006 VK ₇₈	2009 09 29.6	00 24.07 -09 09.5 20.1 -0.98 - 4.6 5.2/26.1	56081
2002 AQ ₂₀₃	2009 09 29.6	00 24.07 -00 44.9 20.5 -0.76 - 8.1 1.1/28.5	62338
2003 QF ₂₈	2009 09 29.7	00 24.04 +13 41.8 19.5 -0.85 - 2.7 3.5/03.2	62373
2000 GB ₁₆₅	2009 09 29.7	00 24.04 +00 32.2 20.7 -0.93 - 5.0 0.7/29.1	62305
2005 VV ₁₇	2009 09 29.7	00 24.04 +01 00.9 18.1 -0.56 - 9.9 0.8/29.1	61981
2005 JU ₁₄₉	2009 09 29.7	00 24.06 -07 58.8 20.6 -0.96 - 6.4 4.3/26.3	60826
2004 TN ₃₀₆	2009 09 29.7	00 24.06 +13 36.0 20.0 -0.83 - 3.6 3.7/03.2	95575
2006 UG ₂₉	2009 09 29.7	00 24.08 +05 16.8 20.4 -0.98 - 7.5 1.0/30.6	62488
2008 EB ₂₉	2009 09 29.7	00 24.09 -01 22.3 21.2 -0.92 - 8.3 1.4/28.4	41915
2005 XD ₁₀₆	2009 09 29.7	00 24.09 -03 54.6 21.2 -0.71 - 4.2 1.7/27.5	62467
2008 GX ₂₂	2009 09 29.7	00 24.10 -02 21.0 20.8 -0.94 - 7.8 1.9/28.1	40756
2002 CG ₂₉₄	2009 09 29.7	00 24.12 -02 21.1 20.1 -0.93 - 2.5 1.7/28.3	62342
2005 UB ₆₉	2009 09 29.7	00 24.12 +18 00.4 19.5 -0.82 - 8.5 5.0/05.5	62445
2008 EJ ₇₁	2009 09 29.7	00 24.15 -02 43.8 20.5 -0.99 - 5.2 2.0/28.1	62527
2007 DC ₈₇	2009 09 29.7	00 24.17 +01 30.0 20.7 -0.85 - 4.2 0.4/29.4	62048
2005 US ₄₁₈	2009 09 29.7	00 24.18 +00 57.1 20.2 -0.77 - 7.4 0.7/29.1	61977
2006 AX ₃₅	2009 09 29.7	00 24.19 +14 55.5 20.5 -0.80 - 4.1 3.7/03.8	98079
1995 VQ ₁₀	2009 09 29.7	00 24.20 -01 22.2 19.3 -0.83 - 7.3 1.9/28.4	84437
2008 FG ₁₀₄	2009 09 29.7	00 24.20 +04 05.5 19.6 -0.77 -10.3 0.5/30.3	62531
2005 UX ₄₁₄	2009 09 29.7	00 24.23 -04 20.4 19.6 -0.86 - 4.7 2.6/27.5	62453
2007 GB ₂₅	2009 09 29.7	00 24.24 +24 05.9 20.4 -0.71 - 7.1 5.2/08.0	21363
2005 UO ₂₅₂	2009 09 29.7	00 24.26 +00 48.9 19.3 -0.91 - 3.0 0.7/29.2	62450
2007 BH ₃	2009 09 29.7	00 24.27 +04 03.4 20.9 -0.91 - 6.3 0.5/30.0	18187
2005 ML ₂₆	2009 09 29.7	00 24.28 -09 39.0 19.6 -0.83 - 7.3 5.3/25.5	60827
2006 BG ₂₆₈	2009 09 29.7	00 24.32 +21 19.7 19.7 -1.06 + 1.0 5.5/04.7	62479
2005 XJ ₂₅	2009 09 29.7	00 24.32 -08 32.8 18.3 -0.89 - 0.3 5.4/26.7	62466
1999 HN ₇	2009 09 29.7	00 24.33 -01 41.6 21.8 -0.86 - 4.2 1.3/28.4	12721
2001 YL ₁₁₉	2009 09 29.7	00 24.34 -04 22.1 19.7 -0.87 - 5.5 2.4/27.5	62335
2005 YH ₁₁₇	2009 09 29.7	00 24.39 -22 14.6 19.7 -0.75 - 5.2 7.5/20.6	62470
1999 GB ₁₆	2009 09 29.7	00 24.40 +06 03.8 19.9 -0.78 - 9.4 1.1/01.0	17899
2005 NP ₇₄	2009 09 29.7	00 24.43 -02 37.4 21.6 -0.93 - 6.1 2.3/28.1	61922
2007 DS ₇₁	2009 09 29.7	00 24.44 +00 29.0 20.8 -0.75 - 4.6 0.6/29.1	62507
2008 JB ₃₁	2009 09 29.7	00 24.45 -04 10.9 21.6 -1.05 - 2.7 2.1/27.9	40772
2001 XO ₃₄	2009 09 29.8	00 24.41 +50 28.3 19.0 -1.12 - 2.2 16.3/20.0	94327
2002 GT ₈₅	2009 09 29.8	00 24.41 -03 53.4 19.6 -0.70 - 7.5 1.9/27.4	62346
2005 UJ ₁₁₁	2009 09 29.8	00 24.42 +11 28.9 19.6 -0.82 - 6.2 3.3/02.8	62446
2005 EA ₈₉	2009 09 29.8	00 24.44 +04 06.3 19.7 -0.93 -10.7 0.6/30.3	35900
2006 BY ₂₅₈	2009 09 29.8	00 24.48 -05 39.7 20.0 -0.76 - 6.5 2.8/26.9	02283
2007 EN ₂₁₄	2009 09 29.8	00 24.49 +00 56.1 18.8 -0.68 - 8.6 0.6/29.2	62516
2005 YU ₁₇₅	2009 09 29.8	00 24.49 +24 10.5 20.4 -0.83 - 3.0 5.9/07.2	18170
2001 UB ₁₆₇	2009 09 29.8	00 24.55 +17 38.8 19.3 -0.79 - 8.4 6.5/05.3	62325
2007 FR ₃₀	2009 09 29.8	00 24.56 +03 40.9 19.3 -0.69 - 7.5 0.3/30.2	62517
2005 VO ₁₁₄	2009 09 29.8	00 24.57 -15 43.9 19.1 -0.76 - 6.0 8.9/22.7	97974
2005 SG ₁₆₈	2009 09 29.8	00 24.61 +03 46.1 20.5 -0.86 - 6.8 0.4/30.2	56029
2005 SA ₁₂	2009 09 29.8	00 24.63 +00 13.9 20.1 -0.83 - 7.0 0.9/29.0	62431
2005 UQ ₂₅₁	2009 09 29.8	00 24.63 -28 41.0 20.2 -1.22 + 2.5 10.8/21.2	96234
2006 XU ₁₇	2009 09 29.8	00 24.63 +08 45.9 19.3 -1.03 - 4.6 2.7/01.7	62496
2005 WU ₁₁₉	2009 09 29.8	00 24.66 -24 11.7 18.9 -0.87 + 4.1 13.9/22.1	61992
2005 TL ₁₈₈	2009 09 29.8	00 24.68 +01 06.1 20.4 -0.91 - 3.9 0.6/29.4	62442
2003 HP ₁₃	2009 09 29.8	00 24.71 -02 56.4 19.7 -0.53 - 1.9 1.0/28.0	94985
2008 HA ₄	2009 09 29.8	00 24.72 -05 56.4 21.1 -0.92 - 7.2 3.0/27.0	62536

2005 WB ₁₈₇	2009 09 29.8	00 24.73 +01 23.9 20.0 -0.84 - 4.6 0.4/29.5	62464
2003 SO ₆₂	2009 09 29.8	00 24.76 +12 22.9 19.6 -0.71 - 5.6 2.7/03.3	62375
2006 DC ₇₁	2009 09 29.8	00 24.76 +12 59.1 19.9 -0.88 - 1.7 3.3/03.0	11160
2004 FF ₁₆₅	2009 09 29.8	00 24.78 -09 51.5 19.6 -0.85 - 6.9 4.5/25.6	60802
2002 JU ₁₀₇	2009 09 29.8	00 24.79 -10 00.5 21.1 -0.82 - 1.9 3.2/26.1	41782
2007 CS ₆₂	2009 09 29.8	00 24.79 +10 57.1 20.5 -0.81 - 6.5 2.4/02.7	62504
2002 EU ₁₂₉	2009 09 29.9	00 24.77 +03 01.2 20.5 -0.81 - 3.7 7.3/20.0	62345
2005 WZ ₂₁	2009 09 29.9	00 24.77 -05 45.3 18.9 -0.88 - 2.8 3.4/27.4	62460
2007 FP ₂₃	2009 09 29.9	00 24.78 +00 36.9 20.2 -0.71 - 7.8 0.6/29.2	62517
2006 VG ₁₃₄	2009 09 29.9	00 24.81 -03 01.5 19.6 -0.96 - 6.3 2.5/28.1	62493
2006 BY ₃₆	2009 09 29.9	00 24.82 +08 48.9 18.9 -0.86 - 2.0 2.1/01.8	62476
2005 SG ₁₄₈	2009 09 29.9	00 24.83 -01 13.3 20.0 -0.89 - 4.7 1.5/28.7	37438
2004 RW ₉₅	2009 09 29.9	00 24.87 +22 00.4 19.4 -0.89 - 3.5 6.9/06.3	62398
2005 UL ₇₆	2009 09 29.9	00 24.88 +06 18.9 18.6 -1.11 + 2.0 1.6/30.8	61958
2002 TP ₃₇₀	2009 09 29.9	00 24.88 -16 15.2 20.6 -0.91 - 5.6 7.9/23.4	12282
2005 LR ₄₁	2009 09 29.9	00 24.90 +11 28.8 18.4 -0.80 - 5.1 4.4/02.9	61918
2008 BG ₄₉	2009 09 29.9	00 24.90 +05 15.9 21.2 -0.98 - 5.2 0.9/30.7	41910
2007 GR ₂₇	2009 09 29.9	00 24.93 +11 21.6 20.9 -0.73 -11.7 2.5/03.3	20865
2008 FC ₁₃₅	2009 09 29.9	00 24.94 -01 03.2 21.3 -0.91 - 6.7 1.3/28.7	58142
2001 VU ₁₂₉	2009 09 29.9	00 24.94 +01 07.4 20.2 -0.72 -12.8 0.6/29.3	62328
2002 TH ₂₈	2009 09 29.9	00 24.95 -01 59.9 18.3 -0.99 - 2.7 2.1/28.6	37981
1997 SK ₃₀	2009 09 29.9	00 24.96 +05 30.2 19.4 -0.84 - 6.4 1.1/30.9	62293
2006 XD ₃₄	2009 09 29.9	00 24.96 -17 38.5 20.7 -0.91 - 3.7 5.9/23.4	14474
2005 VP ₉₇	2009 09 29.9	00 24.98 +08 41.8 19.8 -0.85 - 4.8 2.0/01.9	62458
2001 XH ₉₈	2009 09 29.9	00 25.01 +23 27.6 18.4 -0.85 - 6.0 8.0/07.5	62332
2005 WZ ₉₅	2009 09 29.9	00 25.03 -00 24.7 19.6 -0.81 - 5.3 1.1/28.9	62462
2004 FY ₁₄₅	2009 09 29.9	00 25.07 +01 04.8 19.9 -0.97 - 4.3 0.6/29.5	62390
2002 CL ₂₁₈	2009 09 29.9	00 25.13 +18 34.9 19.5 -0.66 - 0.3 3.0/05.0	48861
2002 BC ₂₆	2009 09 29.9	00 25.14 +20 39.6 19.6 -1.63 + 7.5 7.7/02.5	62339
2005 NG ₁₀₂	2009 09 29.9	00 25.15 -02 23.2 19.2 -0.80 - 6.0 2.4/28.3	61922
2001 UA ₁₇₃	2009 09 29.9	00 25.16 +07 52.6 19.4 -0.79 - 9.5 2.0/01.9	62325
2005 YA ₁₂₉	2009 09 29.9	00 25.17 +07 41.5 19.3 -0.79 - 7.5 1.7/01.7	62471
2004 TX ₃₃₂	2009 09 29.9	00 25.18 -06 31.7 20.4 -0.81 - 2.6 2.8/27.1	62410
2005 YJ ₄₀	2009 09 29.9	00 25.19 +25 10.9 20.0 -0.85 - 3.5 7.0/08.0	62468
2005 UU ₁₇₁	2009 09 30.0	00 25.12 -07 08.3 20.2 -0.91 - 2.8 3.6/27.1	40150
2007 EU ₁₇₈	2009 09 30.0	00 25.14 +07 51.7 20.0 -0.77 - 8.0 1.7/01.8	62058
2008 HL ₁₈	2009 09 30.0	00 25.14 -10 53.2 20.1 -0.87 - 6.5 5.0/25.4	62536
2005 TX ₂₇	2009 09 30.0	00 25.15 -13 12.5 18.7 -1.07 + 1.3 6.4/26.0	61944
2006 WB ₁₇₄	2009 09 30.0	00 25.17 -10 29.9 20.9 -0.98 - 5.0 5.2/25.8	39818
2007 EB ₂₀₄	2009 09 30.0	00 25.18 +01 43.1 20.5 -0.81 - 6.3 0.3/29.7	62515
2008 HD ₃₅	2009 09 30.0	00 25.21 -07 15.9 20.2 -0.76 - 8.1 3.6/26.4	41650
2007 GM ₇₅	2009 09 30.0	00 25.22 -32 52.0 21.2 -0.86 - 1.3 8.2/17.5	39839
2002 PW ₁₇₂	2009 09 30.0	00 25.24 -01 17.5 20.3 -0.94 - 6.5 1.7/28.7	37960
2008 KA ₉	2009 09 30.0	00 25.25 -08 35.3 20.7 -0.96 - 4.7 4.3/26.5	41680
2001 XU ₉₀	2009 09 30.0	00 25.31 +04 08.2 20.1 -0.91 - 5.1 0.5/30.5	62331
2002 GB ₅	2009 09 30.0	00 25.31 -14 43.5 20.5 -0.83 - 2.9 5.3/24.5	57365
2008 ET ₁₅	2009 09 30.0	00 25.32 +00 17.3 20.6 -0.95 - 7.1 0.9/29.2	62526
2007 FC ₁₉	2009 09 30.0	00 25.34 +00 38.2 19.7 -0.74 - 6.3 0.7/29.3	62516
2005 MP ₉	2009 09 30.0	00 25.35 +13 22.6 19.1 -0.99 - 4.5 4.4/03.4	62421
2005 UP ₁₈₄	2009 09 30.0	00 25.36 -08 30.9 21.7 -0.90 - 3.0 3.7/26.6	58516
2008 EJ ₄₄	2009 09 30.0	00 25.37 +01 27.8 20.6 -0.98 - 4.8 0.5/29.7	62077

2002 XC ₅₈	2009 09 30.0	00 25.37 +32 20.1 20.1	-0.99	- 5.9	9.1/10.6	22726
2008 KW ₃₄	2009 09 30.0	00 25.45 -04 07.3 20.4	-0.93	- 4.2	2.7/28.0	62540
2002 ES ₁₉	2009 09 30.0	00 25.46 +05 28.9 18.9	-0.90	- 1.5	0.8/30.9	62343
2001 YE ₇	2009 09 30.0	00 25.47 +18 54.0 18.6	-0.91	- 1.7	7.4/05.1	62334
2004 FA ₃₂	2009 09 30.0	00 25.48 -36 02.4 19.8	-1.01	- 2.5	12.8/16.4	39198
2006 WD ₁₀₅	2009 09 30.1	00 25.48 -08 29.9 18.3	-0.90	- 3.0	5.8/26.7	62495
2005 UW ₂₁₁	2009 09 30.1	00 25.50 -10 05.2 20.9	-0.82	- 3.5	3.6/26.1	16326
2008 GP ₁₁₁	2009 09 30.1	00 25.51 +13 29.7 19.9	-0.89	- 8.2	3.6/03.9	62535
2005 OF ₂₁	2009 09 30.1	00 25.52 -01 47.7 20.0	-0.93	- 5.5	1.8/28.7	62424
2007 GY ₃₆	2009 09 30.1	00 25.52 -01 34.5 20.8	-0.73	- 4.9	1.2/28.7	20609
2007 FO ₂₁	2009 09 30.1	00 25.53 -00 00.1 22.4	-0.83	- 6.9	0.9/29.2	20584
2006 YQ ₃₄	2009 09 30.1	00 25.54 -01 58.5 20.6	-0.92	- 4.1	1.6/28.7	62498
2004 HQ ₅₃	2009 09 30.1	00 25.56 -24 39.5 19.8	-0.90	- 3.8	9.8/20.9	39201
2008 HM ₅₈	2009 09 30.1	00 25.57 +04 32.1 20.4	-0.83	- 5.2	0.6/30.7	41660
2001 RL ₂₅	2009 09 30.1	00 25.60 +07 01.4 18.9	-0.89	- 5.4	1.8/01.5	62317
2007 DP ₅₄	2009 09 30.1	00 25.63 +03 39.3 20.4	-0.77	- 5.2	0.3/30.4	62506
1999 XE ₂₆₀	2009 09 30.1	00 25.64 +28 50.2 21.1	-0.82	- 3.0	6.8/09.3	99932
2002 GZ ₁₇₉	2009 09 30.1	00 25.64 -01 45.5 19.3	-1.03	- 4.6	2.1/28.8	62347
2004 TX ₂₇₅	2009 09 30.1	00 25.64 +10 30.3 20.3	-0.70	- 7.1	2.4/02.9	61908
2008 FO ₂₆	2009 09 30.1	00 25.64 -07 52.3 19.7	-1.00	- 1.6	3.5/27.2	62529
2005 KF ₁₃	2009 09 30.1	00 25.65 -03 33.1 19.0	-0.82	- 6.8	2.8/28.0	62420
2002 EE ₁₄₈	2009 09 30.1	00 25.66 +03 39.4 20.1	-0.83	- 3.1	0.3/30.4	42610
1993 FC ₂₆	2009 09 30.1	00 25.68 +05 13.8 20.3	-0.94	- 5.5	0.8/30.9	60718
2002 RJ ₈	2009 09 30.1	00 25.69 -15 22.4 18.5	-0.57	-26.9	7.6/21.2	62353
2006 BD ₃₀	2009 09 30.1	00 25.69 +00 51.3 19.7	-0.75	- 4.3	0.6/29.5	62476
2002 TB ₂₅₄	2009 09 30.1	00 25.69 +03 14.4 18.8	-1.01	- 3.1	0.2/30.3	62359
2005 NF ₁₂₂	2009 09 30.1	00 25.73 +04 05.8 19.5	-1.04	- 3.0	0.5/30.5	62424
2005 UW ₁₂₁	2009 09 30.1	00 25.74 -00 32.4 20.6	-0.92	- 4.1	1.3/29.1	97899
2004 SR ₅₀	2009 09 30.1	00 25.75 +02 27.4 20.0	-0.83	- 2.8	0.1/30.1	62403
2004 TX ₇₅	2009 09 30.1	00 25.76 +08 34.9 18.7	-0.66	- 9.7	2.0/02.4	62405
2007 CB ₂₀	2009 09 30.1	00 25.77 -03 31.0 21.1	-0.92	- 5.6	2.2/28.1	62503
2005 YT ₂₁₃	2009 09 30.1	00 25.77 -16 08.0 19.9	-0.73	- 3.9	5.0/23.7	62473
2006 DA ₁₉₅	2009 09 30.1	00 25.79 +07 59.4 20.3	-0.79	- 3.7	1.8/01.8	62013
2003 FH ₂₇	2009 09 30.1	00 25.79 +04 23.0 20.2	-0.84	- 5.5	0.6/30.7	62370
2001 SV ₂₂₅	2009 09 30.1	00 25.80 +00 30.6 19.6	-0.93	- 2.6	1.0/29.5	62320
2005 MX ₇	2009 09 30.1	00 25.80 +09 42.2 19.5	-0.82	- 9.0	2.9/02.7	62421
2007 CO ₆₂	2009 09 30.1	00 25.80 +05 16.5 20.5	-0.91	- 6.1	0.9/31.0	18200
2005 SA ₂₀₁	2009 09 30.1	00 25.81 -00 33.9 21.2	-0.93	- 4.2	1.0/29.1	20817
2007 EU ₈₄	2009 09 30.1	00 25.84 -11 01.4 19.9	-0.87	- 1.1	3.9/26.2	62512
2007 CJ ₅	2009 09 30.1	00 25.88 +05 17.2 20.3	-0.96	- 5.2	1.0/31.0	19697
2006 XW ₁₇	2009 09 30.1	00 25.92 +01 05.8 19.8	-0.99	- 5.1	0.7/29.7	62496
2006 UA ₁₅₂	2009 09 30.1	00 25.93 -10 09.7 20.5	-1.00	- 4.4	5.2/26.3	60874
2001 FA ₁₀₃	2009 09 30.2	00 25.85 +01 24.2 20.2	-0.69	- 5.5	0.4/29.7	62313
2005 US ₆₁	2009 09 30.2	00 25.87 -05 20.9 20.3	-0.87	- 3.8	2.8/27.7	62444
2003 GO ₂₂	2009 09 30.2	00 25.87 -19 25.1 19.8	-0.85	- 4.7	6.7/22.6	59698
2008 SS ₈₅	2009 09 30.2	00 25.88 +19 40.9 20.6	-0.59	- 1.4	3.1/06.0	46782
2002 RQ ₁₁₂	2009 09 30.2	00 25.88 +20 01.4 17.8	-1.96	+16.4	9.4/01.4	61861
2005 YE ₄₁	2009 09 30.2	00 25.91 -09 29.7 19.3	-0.80	- 5.0	4.4/26.1	62468
2005 UX ₄₅₄	2009 09 30.2	00 25.93 +19 57.7 17.8	-0.52	-13.3	7.7/08.0	61977
1999 TH ₁₃₄	2009 09 30.2	00 25.94 +07 31.6 18.6	-0.71	- 8.3	1.7/02.0	62298
2006 XJ ₇₀	2009 09 30.2	00 25.95 -07 30.0 20.9	-0.96	- 5.1	3.9/27.0	38123

2000 SP ₂₁₄	2009 09 30.2	00 25.98 +04 16.2 19.5	-0.98	- 2.3	0.5/30.6	62308
2005 QC ₁₅	2009 09 30.2	00 25.99 +03 57.9 19.1	-0.92	- 4.5	0.5/30.6	62426
2002 AG ₄₅	2009 09 30.2	00 26.00 +18 57.9 19.9	-0.86	- 4.9	5.5/05.7	62337
2008 EN ₁₄₂	2009 09 30.2	00 26.01 +00 22.6 21.6	-0.96	- 5.9	0.9/29.5	58601
2006 XF ₂₈	2009 09 30.2	00 26.01 -02 26.5 20.5	-0.95	- 5.7	1.9/28.6	62496
2004 XK ₃₆	2009 09 30.2	00 26.02 -12 51.2 19.9	-0.77	- 2.8	4.5/25.2	62414
2005 WG ₂₆	2009 09 30.2	00 26.02 +07 25.1 19.9	-0.83	- 4.7	1.9/01.7	62460
2001 UP ₇₇	2009 09 30.2	00 26.04 +01 51.8 19.6	-0.83	- 8.2	0.3/29.9	62324
2002 WF ₂₂	2009 09 30.2	00 26.10 -01 24.7 19.9	-0.88	- 4.6	2.0/28.9	62363
2008 EH ₄₈	2009 09 30.2	00 26.10 -00 00.4 20.0	-1.04	- 3.1	1.1/29.5	41915
2006 XW ₄₃	2009 09 30.2	00 26.12 -10 41.5 18.8	-0.96	- 3.3	6.4/26.1	62496
2007 FX ₂₀	2009 09 30.2	00 26.14 -03 01.5 20.4	-0.92	- 3.3	2.1/28.5	62516
2006 AW ₃₁	2009 09 30.2	00 26.15 -01 06.0 19.9	-0.75	- 4.5	1.2/29.0	62474
2005 UL ₅₅	2009 09 30.2	00 26.16 +09 10.2 19.4	-0.74	- 5.3	3.0/02.4	61956
2004 EW ₄₀	2009 09 30.2	00 26.16 +04 38.4 19.9	-0.96	- 5.4	0.6/30.8	62387
2005 NB ₁₀	2009 09 30.2	00 26.19 +02 27.7 20.2	-0.93	- 6.6	0.1/30.2	62422
2004 PJ ₆₃	2009 09 30.2	00 26.20 -07 50.9 19.3	-0.80	- 5.5	3.7/26.7	62395
2005 UL ₄₃₀	2009 09 30.2	00 26.21 +05 21.1 20.4	-0.84	- 5.0	0.9/01.1	22801
2006 AM ₃₇	2009 09 30.2	00 26.22 -21 44.7 22.5	-0.73	- 5.3	5.8/21.1	59107
2005 VZ ₈₆	2009 09 30.2	00 26.23 -11 08.1 19.7	-0.72	- 5.3	4.1/25.4	62458
2001 XM ₁₁₇	2009 09 30.2	00 26.24 -21 04.8 20.9	-0.86	- 4.0	6.7/22.0	21772
2002 AK ₁₅	2009 09 30.2	00 26.26 -05 11.9 18.4	-1.13	+ 2.7	3.8/28.4	62336
2005 WD ₅₅	2009 09 30.2	00 26.26 +05 05.5 20.3	-0.81	- 5.4	0.8/01.0	26098
2008 EV ₂₆	2009 09 30.2	00 26.27 -07 22.4 20.2	-0.95	- 5.2	3.6/27.1	58599
2005 YF ₂₇₅	2009 09 30.2	00 26.27 +24 41.1 20.4	-0.83	- 2.7	5.7/07.6	98072
2008 FB ₈₉	2009 09 30.2	00 26.27 -00 37.7 18.6	-0.89	- 4.3	1.6/29.2	62087
2007 HM ₆₂	2009 09 30.2	00 26.27 +09 59.8 19.2	-0.68	- 8.3	2.4/03.0	62520
2007 FK ₂	2009 09 30.2	00 26.27 -10 48.2 20.5	-0.76	- 4.8	3.8/25.7	22884
2005 UG ₃₁₄	2009 09 30.2	00 26.28 +23 13.0 19.0	-0.86	- 7.9	7.4/07.9	62452
2002 BU ₂	2009 09 30.3	00 26.21 +09 03.1 19.8	-0.97	- 2.0	2.1/02.1	62338
2005 GB ₂₇	2009 09 30.3	00 26.22 -02 53.9 21.5	-0.96	- 8.0	1.9/28.4	31911
2008 EF ₄₂	2009 09 30.3	00 26.23 -03 10.1 20.3	-0.99	- 5.5	2.3/28.5	62527
2003 GK ₁₀	2009 09 30.3	00 26.27 +03 09.2 19.3	-0.74	- 9.8	0.1/30.4	62371
2007 DQ ₄₄	2009 09 30.3	00 26.32 +02 42.8 19.4	-0.88	- 7.4	0.1/30.3	20850
2005 YB ₃₁	2009 09 30.3	00 26.33 -02 24.3 19.9	-0.72	- 4.8	1.5/28.6	62468
2008 FF ₁₅	2009 09 30.3	00 26.34 -12 08.2 20.6	-0.89	- 3.3	5.2/25.7	40204
2005 UZ ₃₁₀	2009 09 30.3	00 26.35 +01 02.0 20.5	-0.84	- 6.3	0.6/29.7	62451
2002 XB ₈₇	2009 09 30.3	00 26.36 +15 07.1 20.0	-0.99	- 4.2	4.2/04.1	62364
2002 QF ₅₇	2009 09 30.3	00 26.38 +03 42.7 19.4	-1.07	- 2.4	0.4/30.6	62351
2004 TS ₁₅	2009 09 30.3	00 26.41 +00 41.6 18.6	-0.84	- 2.2	0.9/29.7	62403
2003 FE ₃₅	2009 09 30.3	00 26.41 +04 00.2 21.0	-0.90	- 3.6	0.4/30.7	14701
2007 EC ₉₁	2009 09 30.3	00 26.42 -08 33.4 20.5	-0.78	- 8.3	3.6/26.2	19716
2007 BC ₂₂	2009 09 30.3	00 26.45 +01 18.9 21.7	-0.92	- 5.6	0.5/29.9	56087
2005 UC ₁₆₇	2009 09 30.3	00 26.45 +07 34.4 21.2	-0.82	- 6.9	1.5/02.0	62448
2005 UC ₅₂₀	2009 09 30.3	00 26.47 -03 24.6 21.1	-0.85	- 6.0	2.1/28.3	62456
1999 VQ ₇₁	2009 09 30.3	00 26.47 -11 17.0 20.2	-0.83	- 2.6	4.5/25.9	59651
2001 XE ₂₁₉	2009 09 30.3	00 26.52 -06 33.9 18.4	-0.85	- 2.8	4.4/27.5	62333
2004 XD ₈₇	2009 09 30.3	00 26.53 -00 20.6 19.1	-0.73	- 5.6	1.1/29.3	62415
2007 GC ₆₉	2009 09 30.3	00 26.53 +00 32.6 18.8	-0.67	- 9.0	0.7/29.5	62064
2005 SB ₁₆₄	2009 09 30.3	00 26.59 -08 58.1 18.9	-0.67	- 2.6	6.2/26.5	62436
2005 UT ₅₅	2009 09 30.3	00 26.60 -01 33.3 19.0	-0.86	- 4.2	1.8/29.0	62444

1998 UH ₉	2009 09 30.3	00 26.61 +02 09.8 19.4	-0.83 - 2.4	0.2/30.2	62296
2005 US ₃₁₂	2009 09 30.3	00 26.62 -00 12.2 19.0	-0.91 - 3.2	1.1/29.5	62452
2001 AT ₃₂	2009 09 30.3	00 26.63 +12 16.9 20.0	-0.87 - 3.7	3.0/03.3	62311
2004 PO ₉₂	2009 09 30.3	00 26.63 +20 19.1 19.0	-0.86 - 4.5	6.0/06.4	62395
2005 EQ ₁₀₂	2009 09 30.3	00 26.63 +30 46.2 18.7	-1.63 + 8.5	15.2/05.4	60823
2006 AQ ₈₅	2009 09 30.3	00 26.63 -20 48.1 20.8	-0.82 - 2.3	6.1/22.5	02270
2004 FQ ₉₃	2009 09 30.4	00 26.57 +00 05.7 20.4	-0.94 - 5.1	0.9/29.5	22478
2001 XP ₂₁₈	2009 09 30.4	00 26.59 +20 38.4 19.5	-0.85 - 6.8	5.9/06.7	62333
2003 AB ₈₂	2009 09 30.4	00 26.60 -17 31.3 20.9	-0.94 - 2.5	5.7/24.1	12848
2007 BO ₇₇	2009 09 30.4	00 26.61 +06 29.5 20.2	-0.94 - 4.8	1.5/01.5	62037
2002 YM ₂	2009 09 30.4	00 26.61 -04 41.4 20.3	-0.92 - 7.4	2.7/27.9	62364
2005 WS ₁₉₈	2009 09 30.4	00 26.63 +09 11.8 20.6	-0.83 - 5.0	2.1/02.5	61996
2009 RA ₃	2009 09 30.4	00 26.63 -02 41.8 18.4	-0.75 - 6.6	2.8/28.5	62173
2005 VH ₁₃₀	2009 09 30.4	00 26.69 -01 21.9 20.5	-0.74 - 8.7	1.8/28.9	21850
2001 VR ₁₉	2009 09 30.4	00 26.71 +13 09.8 19.1	-0.84 - 7.1	3.8/04.0	62327
2000 DL ₇₁	2009 09 30.4	00 26.72 +12 21.5 20.1	-0.86 - 2.0	2.7/03.3	62303
1999 TD ₁₄₆	2009 09 30.4	00 26.73 +05 59.6 18.8	-0.88 - 2.5	1.7/01.4	61832
1999 FC ₃	2009 09 30.4	00 26.74 +00 59.0 19.7	-0.91 - 3.4	0.6/29.9	62297
2005 SN ₁₈₉	2009 09 30.4	00 26.74 +00 58.9 20.1	-0.88 - 4.8	0.7/29.8	62436
2002 XB ₁	2009 09 30.4	00 26.74 -12 27.4 18.8	-0.76 - 5.4	7.8/24.9	62363
2008 GB ₄₇	2009 09 30.4	00 26.75 -06 05.8 20.7	-0.91 - 7.9	3.4/27.4	62533
2003 FE ₂₇	2009 09 30.4	00 26.75 +04 54.9 20.4	-0.83 - 5.4	0.6/01.1	62369
2002 EY ₄₀	2009 09 30.4	00 26.75 -00 39.9 18.9	-1.00 + 0.3	1.0/29.5	61846
2007 BW ₄₇	2009 09 30.4	00 26.78 -06 25.5 21.4	-0.82 - 5.3	2.9/27.4	62501
2008 FE ₁₀₂	2009 09 30.4	00 26.80 -05 43.1 19.7	-0.85 - 5.7	2.9/27.6	62531
2005 UO ₁₂₃	2009 09 30.4	00 26.82 -01 31.1 19.8	-0.87 - 3.9	1.4/29.1	62446
2008 ES ₈₁	2009 09 30.4	00 26.82 +01 20.5 19.5	-0.76 -11.4	0.6/29.9	62527
2002 UX ₄₀	2009 09 30.4	00 26.83 +07 18.5 18.8	-0.82 - 8.9	2.0/02.0	62360
2008 JY ₆	2009 09 30.4	00 26.85 -05 23.7 20.6	-0.86 - 5.1	3.1/27.8	62538
2004 RS ₂₉₁	2009 09 30.4	00 26.88 -06 33.4 19.3	-0.84 - 3.6	3.3/27.5	62401
2001 VH ₈₆	2009 09 30.4	00 26.89 +22 02.3 17.5	-0.32 -12.6	9.8/10.2	62328
2005 WZ ₁₅	2009 09 30.4	00 26.90 -08 04.2 20.1	-0.84 - 3.9	3.7/27.0	97980
2005 UA ₁₂	2009 09 30.4	00 26.92 -00 24.9 19.5	-0.80 - 6.9	1.2/29.3	62442
2007 DY ₁₂	2009 09 30.4	00 26.93 +10 14.8 19.5	-1.00 - 0.6	2.7/02.5	62043
2000 SU ₂₉₀	2009 09 30.4	00 26.93 +06 00.0 19.3	-1.01 - 0.8	1.0/01.3	62308
2001 SB ₁₉₃	2009 09 30.4	00 26.93 -00 34.1 19.6	-0.62 - 4.7	1.0/29.3	62319
2003 SG ₃₂₅	2009 09 30.4	00 26.95 +07 05.6 20.1	-0.71 - 5.5	1.2/01.9	62378
2005 VE ₈₃	2009 09 30.4	00 26.96 +03 21.9 19.2	-0.77 - 7.7	0.2/30.6	62458
2001 UK ₄₉	2009 09 30.4	00 26.97 +17 21.5 18.8	-0.90 -19.2	6.1/06.5	62324
2006 UT ₁₉₃	2009 09 30.5	00 26.96 +05 02.0 20.3	-0.96 - 7.6	1.0/01.2	62490
2006 UT ₇₈	2009 09 30.5	00 26.97 +09 12.2 20.4	-1.00 - 6.7	2.7/02.5	62489
2005 WD ₁₅	2009 09 30.5	00 26.98 -02 17.6 19.6	-0.85 - 4.2	2.1/28.9	97979
2005 NO ₁₀₂	2009 09 30.5	00 27.00 -01 52.8 19.6	-0.80 - 9.0	2.0/28.8	62424
2001 HP	2009 09 30.5	00 27.00 -01 19.0 20.8	-0.99 - 4.9	1.6/29.2	40092
2004 HJ ₄₇	2009 09 30.5	00 27.01 -02 02.8 20.0	-0.95 - 5.4	1.8/29.0	62392
2004 LL ₁₅	2009 09 30.5	00 27.04 -12 03.4 18.4	-0.76 - 3.6	6.6/25.6	62393
2001 XG ₁₂₆	2009 09 30.5	00 27.06 -10 00.9 19.7	-0.90 - 3.7	5.0/26.5	10839
2005 UG ₃₀₇	2009 09 30.5	00 27.08 +10 10.3 21.2	-0.79 - 6.2	2.1/03.0	19224
2007 EF ₁₀₀	2009 09 30.5	00 27.09 +02 18.4 20.7	-0.83 - 5.1	0.2/30.3	62512
2002 AF ₁₃₈	2009 09 30.5	00 27.10 +03 06.0 19.5	-0.83 - 5.7	0.1/30.6	19566
2005 UM ₁₆₂	2009 09 30.5	00 27.11 -06 05.0 18.8	-0.59 - 9.8	4.3/26.9	62448

2005 UO ₆₀	2009 09 30.5	00 27.11 +04 57.9 19.4	-0.81 - 6.3	0.8/01.2	61956
2006 UL ₇	2009 09 30.5	00 27.13 -02 46.3 18.8	-0.93 - 7.4	2.6/28.6	62488
2005 WV ₁₂₀	2009 09 30.5	00 27.13 -09 14.1 19.8	-0.84 - 4.4	4.1/26.6	62463
2002 BQ ₁₁	2009 09 30.5	00 27.14 +06 28.6 19.4	-0.84 - 5.0	1.1/01.7	62339
2001 VX ₁₀₉	2009 09 30.5	00 27.15 -05 02.2 19.5	-0.93 - 3.2	3.1/28.1	62328
2005 NZ ₂₀	2009 09 30.5	00 27.17 +18 15.0 17.9	-0.98 - 1.0	7.8/05.3	62422
2005 VC ₆₁	2009 09 30.5	00 27.17 +00 37.4 19.0	-0.75 - 9.2	0.9/29.7	62457
2009 RO ₃	2009 09 30.5	00 27.17 +05 24.8 18.5	-1.04 - 0.8	1.3/01.2	62174
2008 HS ₁₇	2009 09 30.5	00 27.18 -12 09.4 20.3	-0.82 - 5.4	5.1/25.5	40013
2008 GY ₁₀₆	2009 09 30.5	00 27.20 -08 18.1 20.6	-0.94 - 2.4	3.8/27.4	50125
2005 XM ₄₉	2009 09 30.5	00 27.22 -21 52.9 20.7	-0.77 - 2.8	6.0/22.2	21351
2009 SF ₁₀₀	2009 09 30.5	00 27.23 +04 31.3 20.8	-0.79 - 5.1	0.5/01.1	62213
2008 EH ₇₅	2009 09 30.5	00 27.25 -01 59.8 20.8	-0.94 - 5.2	1.8/29.0	56129
2005 QV ₁	2009 09 30.5	00 27.27 +06 13.8 20.1	-0.93 - 6.6	1.2/01.6	62425
2004 RP ₇₉	2009 09 30.5	00 27.28 +01 57.4 18.9	-0.89 - 1.7	0.3/30.3	62397
2005 WB ₄	2009 09 30.5	00 27.33 +06 21.5 18.8	-0.72 - 9.9	1.3/01.9	62459
1998 RH ₉	2009 09 30.5	00 27.35 +02 12.5 19.8	-0.73 - 5.1	0.3/30.3	62294
2000 SV ₂₇	2009 09 30.6	00 27.31 +17 15.3 18.6	-0.88 - 2.1	6.2/05.0	62307
2005 WO ₈₆	2009 09 30.6	00 27.33 -08 30.7 18.9	-0.85 - 4.1	4.0/26.9	62462
2002 XS ₈₄	2009 09 30.6	00 27.38 +18 43.4 19.9	-0.86 - 5.7	4.4/06.0	62364
2002 AE ₁₃₆	2009 09 30.6	00 27.40 -00 49.6 19.9	-0.83 - 6.6	1.4/29.3	19566
2006 DH ₆	2009 09 30.6	00 27.40 +09 05.6 20.4	-0.86 - 1.6	1.7/02.4	62012
2008 GT ₆₄	2009 09 30.6	00 27.41 -04 00.4 19.6	-1.03 - 3.3	2.8/28.6	62534
2002 WG ₂₆	2009 09 30.6	00 27.41 -01 30.0 19.7	-0.82 - 7.1	2.1/29.1	62363
2006 UD ₃₀	2009 09 30.6	00 27.44 +04 05.5 20.1	-1.01 - 6.1	0.5/31.0	62488
2004 FF ₉₇	2009 09 30.6	00 27.44 -06 44.7 20.8	-0.83 - 9.3	3.1/27.2	62389
2002 FW ₂₂	2009 09 30.6	00 27.46 -10 13.5 20.9	-0.94 - 3.5	4.3/26.5	20764
2007 AG ₇	2009 09 30.6	00 27.47 -00 29.7 20.1	-0.91 - 6.3	1.3/29.5	62499
2001 SH ₁₃₄	2009 09 30.6	00 27.48 +08 42.3 19.3	-0.99 - 1.8	2.6/02.3	62319
2008 CD ₁₄₀	2009 09 30.6	00 27.48 +01 23.7 20.4	-0.95 - 7.4	0.6/30.1	62524
2005 WL ₇₅	2009 09 30.6	00 27.51 +03 53.4 20.8	-0.86 - 4.4	0.3/30.9	18158
2004 RU ₂₁	2009 09 30.6	00 27.52 +04 29.2 20.1	-0.80 - 4.9	0.5/01.1	62396
2001 TC ₁₉₈	2009 09 30.6	00 27.52 +09 24.3 19.6	-0.87 - 5.4	2.7/02.8	62323
2003 YM ₈₈	2009 09 30.6	00 27.53 +05 51.4 19.2	-0.99 - 6.2	1.2/01.6	62381
2002 AU ₇	2009 09 30.6	00 27.55 -28 50.2 19.7	-0.86 - 4.3	10.9/18.5	16196
2009 SJ ₁₁₃	2009 09 30.6	00 27.58 +10 03.9 20.3	-0.77 - 4.5	2.3/03.0	62216
2005 QW ₁₂₃	2009 09 30.6	00 27.62 +01 37.6 19.5	-0.83 - 6.9	0.6/30.2	62428
2004 VT ₉₁	2009 09 30.6	00 27.64 -05 55.5 18.7	-0.93 - 0.0	2.9/28.3	62413
2007 ER ₁₄₄	2009 09 30.6	00 27.64 -01 25.8 20.6	-0.78 - 5.6	1.4/29.2	62514
2005 VK ₄₉	2009 09 30.6	00 27.65 +16 28.5 19.2	-0.80 - 3.6	4.2/05.1	62457
2002 TZ ₁₅	2009 09 30.6	00 27.67 +05 21.9 18.8	-0.83 - 6.6	1.2/01.5	62356
2005 YG ₁₆₇	2009 09 30.6	00 27.67 -12 41.3 19.9	-0.74 - 6.1	4.7/25.1	96811
2008 JX ₃₃	2009 09 30.6	00 27.68 -13 24.9 20.1	-0.84 - 4.5	5.7/25.3	59811
1999 JQ ₇	2009 09 30.7	00 27.67 -22 03.3 21.0	-0.93 - 2.1	7.5/23.1	40084
2005 WD ₄₉	2009 09 30.7	00 27.68 -10 20.2 18.7	-0.87 - 2.4	5.7/26.6	62461
2008 HV ₆₇	2009 09 30.7	00 27.69 -12 28.9 20.1	-0.74 - 7.0	5.3/25.1	40609
2002 AS ₃₅	2009 09 30.7	00 27.71 +09 24.3 20.3	-0.84 - 5.0	2.0/02.8	62336
2001 XN ₁₇₃	2009 09 30.7	00 27.71 +07 14.0 19.4	-0.85 - 5.6	1.5/02.1	62333
2001 FV ₆₀	2009 09 30.7	00 27.74 -02 50.4 20.0	-0.91 - 7.9	2.0/28.8	62313
2004 XQ ₁₂₂	2009 09 30.7	00 27.75 -00 08.3 19.7	-0.73 - 5.1	0.9/29.7	62415
2002 CD ₉₉	2009 09 30.7	00 27.76 +06 33.6 20.0	-0.88 - 3.4	1.1/01.8	62340

2005 UL ₂₀₅	2009 09 30.7	00 27.80 -07 27.5 19.1 -0.88 - 3.3	3.8/27.5	62449
2007 CD ₃₅	2009 09 30.7	00 27.82 +01 21.4 20.0 -0.93 - 5.2	0.6/30.2	62503
2004 TT ₂₁	2009 09 30.7	00 27.83 +09 44.9 19.8 -0.67 -11.9	2.2/03.4	61901
2002 CN ₃₆	2009 09 30.7	00 27.84 -02 53.7 19.2 -0.84 - 6.1	2.2/28.8	62339
2001 VF ₄₅	2009 09 30.7	00 27.84 -20 17.6 18.8 -0.97 - 2.1	8.6/23.3	62327
2004 XH ₂	2009 09 30.7	00 27.85 +08 08.2 18.4 -0.83 - 2.6	1.9/02.3	62413
2009 SM ₁₀₀	2009 09 30.7	00 27.85 +07 09.2 20.4 -0.54 - 1.7	0.7/02.1	62214
2005 VU ₂₇	2009 09 30.7	00 27.86 +04 07.4 20.1 -0.87 - 4.8	0.4/01.1	61982
2004 TN ₅₅	2009 09 30.7	00 27.89 -09 14.0 20.4 -0.81 - 2.7	3.4/26.9	21343
2008 GJ ₁₀₈	2009 09 30.7	00 27.89 -01 33.8 21.5 -0.80 - 8.2	1.4/29.2	58606
2004 CE ₃₈	2009 09 30.7	00 27.90 -01 46.6 19.3 -0.88 - 9.9	1.8/29.1	62384
2002 GN ₈₉	2009 09 30.7	00 27.92 +03 36.0 21.0 -0.75 - 4.6	0.2/31.0	17438
2005 VP ₁₆	2009 09 30.7	00 27.92 -17 29.4 19.0 -0.98 + 1.5	9.3/25.3	97962
2004 RD ₂₅₃	2009 09 30.7	00 27.92 +05 47.1 19.9 -0.81 - 6.0	1.0/01.7	62400
2007 BR	2009 09 30.7	00 27.95 +13 28.0 20.0 -0.97 - 4.8	4.1/04.0	20847
2002 JZ ₁₂₃	2009 09 30.7	00 27.96 -14 25.2 20.0 -0.74 - 4.6	5.1/24.8	62348
2006 BO ₂₅₇	2009 09 30.7	00 27.97 +08 30.3 19.6 -0.82 - 2.4	1.7/02.5	62479
2007 EX ₈₇	2009 09 30.7	00 27.98 -06 11.1 20.4 -0.71 - 6.0	2.6/27.6	62512
2007 EG ₁₆₅	2009 09 30.7	00 27.99 +00 51.6 20.1 -0.68 - 8.4	0.7/30.0	62514
2007 EW ₂₂₀	2009 09 30.7	00 28.00 +02 26.5 21.4 -0.70 - 7.0	0.2/30.6	41869
1999 YC ₄	2009 09 30.7	00 28.00 +13 54.4 18.8 -1.44 + 3.3	4.5/02.9	62301
2005 UB ₁₅₆	2009 09 30.7	00 28.00 -07 01.5 19.3 -0.69 -11.7	4.1/26.8	61965
2003 GS ₂₄	2009 09 30.7	00 28.01 -05 14.9 20.5 -0.84 - 6.5	2.8/28.0	62371
2008 GU ₉₆	2009 09 30.7	00 28.01 -02 15.7 19.7 -0.82 - 7.2	2.1/29.0	41621
2005 JL ₁₆₀	2009 09 30.7	00 28.02 +25 53.6 19.6 -0.50 - 5.1	4.0/10.0	62420
2002 JT ₄₂	2009 09 30.7	00 28.03 -15 26.4 19.6 -0.77 - 3.3	5.4/24.7	62347
2004 TS ₁₄₉	2009 09 30.7	00 28.03 +06 28.1 19.4 -0.78 - 5.2	1.2/01.9	62407
2004 FX ₁₂₉	2009 09 30.7	00 28.04 -05 34.3 19.7 -0.84 - 7.6	3.1/27.8	62390
2006 XQ ₅₈	2009 09 30.7	00 28.05 +10 32.3 20.4 -0.91 - 5.0	2.6/03.2	62029
2007 EZ ₃₃	2009 09 30.7	00 28.05 +02 24.4 19.9 -0.67 - 8.0	0.2/30.6	62510
2004 TV ₁₄₄	2009 09 30.7	00 28.06 +02 47.1 18.5 -0.81 - 3.1	0.1/30.7	62406
2008 GQ ₇₄	2009 09 30.7	00 28.07 -15 17.2 20.5 -0.87 - 2.6	6.5/25.2	40760
2009 RA ₂	2009 09 30.7	00 28.08 +09 03.5 18.5 -1.13 + 3.3	2.8/02.1	62172
2004 NM ₁₄	2009 09 30.8	00 28.03 -16 19.8 19.2 -0.76 - 7.1	6.9/23.8	62394
2006 BH ₁₂₁	2009 09 30.8	00 28.03 -06 59.3 20.2 -0.68 - 8.2	3.0/27.1	62477
2001 TW ₁₆₁	2009 09 30.8	00 28.04 +07 38.8 19.7 -0.83 - 7.5	2.0/02.4	62323
2000 CA ₉₈	2009 09 30.8	00 28.11 -02 10.8 19.5 -0.74 - 4.9	1.7/29.1	62302
2005 XZ ₈₁	2009 09 30.8	00 28.12 +05 31.4 21.0 -0.80 - 6.0	0.8/01.7	03816
2007 BU ₈	2009 09 30.8	00 28.14 -02 50.9 20.7 -0.92 - 5.8	2.1/28.9	62500
2006 DZ ₁₁₆	2009 09 30.8	00 28.19 -03 43.6 19.3 -0.97 + 0.5	2.1/29.1	42805
2002 GX ₈₆	2009 09 30.8	00 28.20 -21 41.9 20.5 -0.84 - 1.6	6.6/23.1	19578
2001 XM ₇₈	2009 09 30.8	00 28.21 +23 42.9 18.7 -0.75 - 9.2	8.4/09.2	62331
2008 DP ₆₇	2009 09 30.8	00 28.25 +10 05.3 19.9 -0.96 - 7.0	2.8/03.2	62526
2001 EA ₁₃	2009 09 30.8	00 28.26 -32 15.0 18.7 -0.97 -13.3	15.7/15.1	62312
2004 GZ ₂₆	2009 09 30.8	00 28.28 -14 19.7 19.4 -0.82 - 7.4	5.9/24.7	58476
2002 JD ₈₃	2009 09 30.8	00 28.30 -05 30.8 19.0 -0.86 - 1.7	2.8/28.3	62348
2004 HT ₅₅	2009 09 30.8	00 28.31 -13 03.6 20.4 -0.89 - 5.0	5.5/25.7	40685
2002 WA ₂₃	2009 09 30.8	00 28.31 -07 57.6 21.5 -0.94 - 4.7	3.5/27.4	49856
2008 CE ₁₁₈	2009 09 30.8	00 28.33 -38 58.1 20.2 -0.76 -13.1	19.3/15.0	36033
2003 WM ₁₄₁	2009 09 30.8	00 28.34 -31 45.3 20.5 -1.12 - 3.3	10.3/18.7	66318
2005 TA ₁₆₄	2009 09 30.8	00 28.34 +08 31.0 20.6 -0.84 - 6.8	1.9/02.7	62442

2009 SC ₁₁₁	2009 09 30.8	00 28.36 +10 44.7 20.5 -0.77 - 6.0	2.5/03.5	62215
2007 EV ₁₉₂	2009 09 30.8	00 28.37 +37 44.8 20.5 -0.93 - 2.2	8.3/13.9	47425
2006 CD ₃₇	2009 09 30.8	00 28.37 +14 14.2 21.2 -0.83 - 2.6	3.1/04.4	02285
1999 XE ₁₄₉	2009 09 30.8	00 28.39 +14 15.7 20.4 -0.73 - 6.0	3.1/04.8	62301
2005 UX ₁₃₃	2009 09 30.8	00 28.40 +08 32.8 20.0 -0.77 - 2.8	2.8/02.6	61964
2003 QS ₄₈	2009 09 30.8	00 28.40 -14 47.6 21.1 -0.66 - 8.4	4.7/24.0	19603
2009 QA ₃₁	2009 09 30.8	00 28.41 -05 51.5 18.1 -1.26 + 7.6	5.0/29.4	62159
1998 TK ₂₁	2009 09 30.8	00 28.41 +06 36.7 20.1 -0.48 - 3.4	0.6/02.2	62295
2006 DM ₆₄	2009 09 30.8	00 28.43 -09 56.9 20.8 -0.77 - 4.9	3.6/26.4	04370
2001 XU ₉₆	2009 09 30.8	00 28.43 +20 50.7 19.5 -0.88 - 5.6	5.4/06.9	41775
2007 GN ₄₆	2009 09 30.9	00 28.40 -02 40.8 21.3 -0.76 - 3.9	1.6/29.0	62519
2002 XV ₇₅	2009 09 30.9	00 28.41 +06 22.2 19.9 -0.99 - 4.8	1.3/01.9	62364
2005 WJ ₈₁	2009 09 30.9	00 28.43 +08 51.6 20.2 -0.82 - 5.5	2.0/02.8	61991
2005 XQ ₆₁	2009 09 30.9	00 28.43 +33 52.7 20.2 -0.78 - 4.1	6.6/12.6	47364
2003 GD ₄₀	2009 09 30.9	00 28.45 -07 20.0 20.4 -0.93 - 2.5	3.3/27.9	18051
2008 HD ₁	2009 09 30.9	00 28.47 -05 38.0 21.2 -0.81 - 6.1	2.6/28.0	62536
2005 UA ₁₅₃	2009 09 30.9	00 28.50 -00 28.0 19.7 -0.87 - 4.0	1.3/29.8	62447
2007 EH ₁₂₃	2009 09 30.9	00 28.51 -06 35.1 19.4 -0.80 - 5.0	3.5/27.7	62513
2007 DG ₃₃	2009 09 30.9	00 28.51 +10 50.7 20.6 -0.99 - 1.4	2.6/03.1	62506
2001 DM ₆₁	2009 09 30.9	00 28.53 +02 29.5 19.4 -0.97 - 7.1	0.2/30.7	62312
2005 VU ₃₀	2009 09 30.9	00 28.53 -08 01.5 19.3 -0.85 - 4.1	4.0/27.4	62457
2008 LS ₁₀	2009 09 30.9	00 28.54 -01 26.4 20.6 -0.84 - 5.9	1.6/29.4	62541
2002 BJ ₅	2009 09 30.9	00 28.55 -11 17.7 20.0 -1.02 - 0.7	5.0/26.9	97556
2006 BR ₂₅₆	2009 09 30.9	00 28.59 +11 53.3 20.3 -0.87 - 2.0	2.8/03.6	62011
2008 GA ₁₀₃	2009 09 30.9	00 28.62 -21 48.3 19.0 -1.01 + 1.3	9.0/24.3	62535
2005 SO ₁₃₄	2009 09 30.9	00 28.62 -07 58.3 19.8 -0.79 - 5.5	4.9/27.2	62435
2006 BM ₁₀	2009 09 30.9	00 28.64 +03 38.2 20.6 -0.72 - 4.4	0.1/01.1	62476
2007 DH ₂₇	2009 09 30.9	00 28.67 -02 14.9 19.8 -0.79 - 5.3	1.8/29.2	62505
2003 EJ ₆₃	2009 09 30.9	00 28.68 +10 16.7 20.6 -0.98 - 2.2	2.3/03.0	61876
2007 DY ₉₈	2009 09 30.9	00 28.68 -01 32.4 19.3 -0.88 - 6.9	1.9/29.4	62508
2005 YY ₁₂₀	2009 09 30.9	00 28.69 -19 58.3 20.1 -0.73 - 4.7	6.3/22.7	19680
1999 XR ₂₅₁	2009 09 30.9	00 28.76 +04 39.7 21.1 -0.76 - 5.9	0.5/01.5	62301
2001 XC ₅₁	2009 09 30.9	00 28.77 -06 37.1 20.0 -0.90 - 4.5	3.5/27.9	62331
2009 SD ₁₁₁	2009 09 30.9	00 28.77 +10 47.2 20.7 -0.83 - 2.6	2.2/03.3	62215
2008 EU ₅₅	2009 09 30.9	00 28.78 +31 30.1 20.8 -1.76 + 4.6	12.9/06.8	40740
2000 ON ₈	2009 09 30.9	00 28.80 +35 07.1 18.1 -1.05 - 1.0	13.2/13.0	62305
2005 VJ ₅₀	2009 10 01.0	00 28.73 -01 15.6 19.4 -0.81 - 6.5	1.6/29.5	62457
2001 RJ ₄₇	2009 10 01.0	00 28.76 -12 44.7 19.1 -0.78 -25.5	6.9/23.8	62317
1998 RS ₁₃	2009 10 01.0	00 28.82 +15 15.7 19.9 -0.97 + 0.1	4.1/04.4	61828
2002 YF ₂₅	2009 10 01.0	00 28.82 -03 11.3 18.9 -0.84 - 6.5	2.9/28.9	62365
2004 VK ₉₁	2009 10 01.0	00 28.83 -19 37.7 20.6 -0.90 - 0.5	5.6/24.2	02227
2009 QY ₃	2009 10 01.0	00 28.84 -07 43.6 18.9 -0.67 - 9.2	4.4/26.9	62135
2003 OS	2009 10 01.0	00 28.86 -48 49.2 19.2 -0.57 -16.6	32.6/25.0	60786
2005 WW ₁₄₈	2009 10 01.0	00 28.86 +01 15.8 19.6 -0.86 - 3.8	0.6/30.5	62463
2003 YT ₁₁₁	2009 10 01.0	00 28.86 -11 04.5 19.5 -1.04 - 3.2	6.3/26.9	62381
2004 JA ₃	2009 10 01.0	00 28.89 -14 38.5 20.4 -1.00 - 1.6	6.2/26.0	39201
2001 XV ₁₅₈	2009 10 01.0	00 28.93 +10 36.4 18.6 -0.84 - 5.8	2.9/03.5	62333
2005 TK ₁₄₃	2009 10 01.0	00 28.97 -02 20.1 20.0 -0.84 - 6.1	1.9/29.2	62441
2007 BM ₃₁	2009 10 01.0	00 28.99 -00 50.8 21.0 -0.84 - 6.4	1.3/29.7	62500
2002 GM ₉₁	2009 10 01.0	00 29.01 +04 53.1 19.5 -0.71 - 7.7	0.5/01.7	62346
2005 UY ₁₉₉	2009 10 01.0	00 29.03 +03 32.4 19.2 -0.81 - 6.4	0.2/01.2	62449

2002 EA ₅₁	2009 10 01.0	00 29.05 −04 52.9 20.1 −0.70 − 9.3 2.3/28.1 62344
2007 EC ₁₂₅	2009 10 01.0	00 29.06 +06 02.3 20.3 −0.89 − 3.3 1.0/02.0 62054
2003 FG ₁₃₁	2009 10 01.0	00 29.07 +02 04.0 19.9 −1.00 − 1.8 0.4/30.8 62371
2008 KM ₁	2009 10 01.0	00 29.11 −19 07.0 20.1 −0.83 − 4.0 7.5/23.6 40619
2006 CF ₃₄	2009 10 01.0	00 29.11 +03 47.6 20.7 −0.71 − 5.1 0.2/01.3 62480
2003 FE ₄	2009 10 01.0	00 29.12 −03 47.9 19.5 −1.18 + 1.9 2.6/29.5 62369
2005 YR ₁₁₁	2009 10 01.0	00 29.16 −05 08.2 20.2 −0.71 − 5.3 2.4/28.3 62002
2006 AC ₇₇	2009 10 01.0	00 29.16 +09 04.8 20.5 −0.84 − 3.6 2.0/03.0 62007
2008 EG ₇₀	2009 10 01.0	00 29.16 −08 29.7 19.7 −0.97 − 5.5 4.7/27.5 42960
2005 YF ₁₄₀	2009 10 01.1	00 29.10 −16 52.1 19.5 −0.78 − 4.1 7.0/24.3 62471
2006 BJ ₂₀₁	2009 10 01.1	00 29.11 −12 54.2 19.9 −0.69 − 5.7 4.3/25.4 20489
2002 JU ₈₇	2009 10 01.1	00 29.11 −12 19.2 20.0 −0.80 − 2.4 4.1/26.3 40675
2005 YC ₁₃₃	2009 10 01.1	00 29.11 +18 55.0 21.0 −0.79 − 3.7 4.1/06.4 41233
2004 FY ₉₈	2009 10 01.1	00 29.12 +02 15.0 19.8 −0.91 − 8.2 0.3/30.8 62389
2007 ET ₁₂₀	2009 10 01.1	00 29.12 +00 02.4 19.1 −1.09 − 1.8 1.2/30.3 62513
2009 RQ ₁	2009 10 01.1	00 29.12 +03 34.3 18.6 −0.80 − 6.8 0.2/01.3 62172
2001 TT ₃₉	2009 10 01.1	00 29.13 +34 57.0 20.0 −0.94 − 7.1 9.0/13.0 21306
2007 DB ₇₅	2009 10 01.1	00 29.13 +05 28.7 20.6 −0.88 − 4.2 0.8/01.8 62507
2005 RV ₃₃	2009 10 01.1	00 29.13 +25 40.1 17.9 −1.03 − 0.6 9.9/08.2 62430
2007 ET ₈₅	2009 10 01.1	00 29.17 −05 36.7 20.0 −0.70 − 6.6 2.5/28.0 62512
2005 YL ₂₇	2009 10 01.1	00 29.20 −06 41.1 20.9 −0.73 − 4.4 2.7/27.8 62468
2007 CH ₆₁	2009 10 01.1	00 29.22 −07 11.6 21.7 −0.78 − 8.2 3.1/27.4 38128
2006 VQ ₂₆	2009 10 01.1	00 29.23 −08 06.6 18.8 −1.01 − 1.9 5.5/28.0 62491
2005 SP ₁₀₅	2009 10 01.1	00 29.24 +15 07.3 17.7 −0.60 −12.0 5.3/06.1 62434
2004 VN ₂₄	2009 10 01.1	00 29.24 +10 05.1 19.5 −0.81 − 3.8 2.3/03.3 62411
2005 YE ₁₇₇	2009 10 01.1	00 29.24 −03 05.2 20.1 −0.74 − 5.0 1.8/29.0 62472
2006 VP ₁₄₁	2009 10 01.1	00 29.26 −04 03.5 20.3 −1.05 − 3.3 2.9/29.1 62493
2004 TD ₃₀₂	2009 10 01.1	00 29.28 −02 41.8 19.4 −0.94 − 0.5 2.2/29.5 62409
2005 YA ₁₀₈	2009 10 01.1	00 29.30 +02 24.3 20.4 −0.77 − 5.8 0.3/30.9 62470
2000 AH ₂₀₈	2009 10 01.1	00 29.31 −14 57.2 19.2 −0.78 − 3.3 5.1/25.3 40664
2004 RE ₂₅₅	2009 10 01.1	00 29.31 −17 22.3 19.5 −0.73 − 5.6 7.7/23.6 62401
2008 EA ₁₄	2009 10 01.1	00 29.33 −03 01.6 20.8 −1.05 − 4.4 2.4/29.3 62526
2007 GR ₇	2009 10 01.1	00 29.35 +01 28.4 19.2 −0.84 − 2.2 0.5/30.7 62518
2005 UF ₃₈₅	2009 10 01.1	00 29.35 +11 31.9 20.6 −0.86 − 5.1 2.9/03.9 62453
2004 DA ₄₀	2009 10 01.1	00 29.36 +06 15.3 21.3 −0.94 − 5.8 1.1/02.1 62385
2005 NR ₁₂₂	2009 10 01.1	00 29.39 +02 09.1 19.4 −1.04 − 2.7 0.4/30.9 62424
2008 FA ₉₀	2009 10 01.1	00 29.40 +03 04.0 20.5 −1.06 − 4.4 0.0/01.1 62531
2006 BN ₂₇₈	2009 10 01.1	00 29.40 −00 06.8 20.6 −0.75 − 4.6 0.9/30.1 41241
2004 EB ₄₂	2009 10 01.1	00 29.43 +05 14.2 20.7 −0.92 − 6.1 0.7/01.8 62387
2001 UM ₁₈₆	2009 10 01.1	00 29.46 +07 46.3 19.7 −0.69 − 7.6 2.2/02.9 62326
2002 SH ₆₆	2009 10 01.1	00 29.47 −07 01.4 19.6 −1.03 − 3.0 4.4/28.2 55954
2004 XN ₂	2009 10 01.1	00 29.47 +03 53.6 18.9 −0.81 − 2.9 0.2/01.4 62413
2005 UE ₄₄₈	2009 10 01.1	00 29.48 −04 01.4 19.1 −1.04 − 0.3 2.6/29.3 62454
1999 WT ₈	2009 10 01.1	00 29.49 −35 55.8 19.9 −1.15 − 1.8 12.2/17.2 17905
2008 HO ₄₆	2009 10 01.1	00 29.50 +06 46.8 19.7 −0.72 − 8.9 1.4/02.5 62537
2005 SW ₂₂₆	2009 10 01.1	00 29.51 −00 20.5 20.2 −0.90 − 4.4 1.2/30.1 97840
2005 UO ₂₁₅	2009 10 01.1	00 29.51 −12 47.0 20.1 −1.10 − 0.5 6.5/26.7 96210
2007 BU ₃₅	2009 10 01.1	00 29.54 +05 43.4 21.3 −0.89 − 5.2 0.8/02.0 17685
2001 XA ₃₁	2009 10 01.1	00 29.55 +44 58.3 19.7 −1.39 + 0.8 19.1/15.5 26067
2004 TH ₃₆₆	2009 10 01.2	00 29.46 −01 35.9 20.0 −0.78 − 3.5 1.4/29.7 62410
2001 XV ₂₁₉	2009 10 01.2	00 29.49 +19 37.2 19.4 −0.85 − 6.1 5.0/07.0 62333

2002 XD ₈₆	2009 10 01.2	00 29.51 +08 49.5 19.4 −0.98 − 4.3 2.3/02.9 62364
2007 FL ₂₃	2009 10 01.2	00 29.54 +01 26.6 21.0 −0.73 − 5.0 0.5/30.6 58566
2002 TX ₃₃₁	2009 10 01.2	00 29.55 −01 39.8 20.8 −0.92 − 7.0 1.8/29.6 62359
2004 TT ₂₅₂	2009 10 01.2	00 29.56 +04 10.5 19.8 −0.77 − 5.2 0.3/01.6 62409
2007 FQ ₂₅	2009 10 01.2	00 29.57 +01 30.4 21.3 −0.79 − 4.0 0.5/30.7 62517
2002 AC ₁₉	2009 10 01.2	00 29.57 −05 30.6 18.6 −1.06 + 0.8 3.7/29.0 62336
2004 ST ₃₀	2009 10 01.2	00 29.58 +03 10.7 19.1 −0.76 − 6.0 0.0/01.2 62402
2008 GT ₈₈	2009 10 01.2	00 29.59 −00 42.5 20.5 −0.87 − 6.0 1.4/30.0 62534
2005 YX ₅₅	2009 10 01.2	00 29.59 +06 50.0 20.2 −0.82 − 5.5 1.2/02.4 62469
2005 UD ₂₆₇	2009 10 01.2	00 29.60 −04 57.8 19.9 −0.86 − 4.7 2.9/28.6 62451
2008 GG ₄	2009 10 01.2	00 29.60 +24 01.8 20.5 −0.89 −12.9 6.7/09.7 40208
2007 CB ₅₉	2009 10 01.2	00 29.65 −04 34.6 20.0 −0.77 − 9.8 2.6/28.4 62504
2002 CD ₂₀₀	2009 10 01.2	00 29.65 +12 40.5 20.0 −0.55 − 1.9 1.8/04.5 62341
1998 TO ₈	2009 10 01.2	00 29.66 −02 04.2 20.1 −0.82 − 3.0 1.6/29.6 62295
2005 YP ₁₇₉	2009 10 01.2	00 29.69 −10 43.1 20.9 −0.73 − 5.4 4.1/26.4 98063
2005 UB ₂₅₃	2009 10 01.2	00 29.70 +20 35.1 19.0 −0.76 − 8.3 7.1/07.9 62450
2005 UV ₁₂₂	2009 10 01.2	00 29.71 −08 56.3 20.4 −0.92 − 2.3 3.7/27.6 60843
2008 FB ₁₂₃	2009 10 01.2	00 29.76 −00 27.4 19.3 −1.03 − 1.3 1.7/30.3 62532
2005 UC ₃₃₁	2009 10 01.2	00 29.76 +23 00.0 19.5 −1.08 − 0.1 8.2/06.7 62452
2005 LN ₂₂	2009 10 01.2	00 29.78 +00 06.1 20.9 −0.96 − 7.4 1.2/30.3 62420
2007 GG ₄₆	2009 10 01.2	00 29.80 −21 46.3 20.1 −0.95 + 0.3 7.5/23.8 58566
2005 UR ₁₀₇	2009 10 01.2	00 29.81 −10 07.7 18.7 −0.85 − 4.0 5.9/27.1 21845
2005 PP ₇	2009 10 01.2	00 29.84 +12 28.3 19.7 −1.03 − 2.4 3.9/03.9 62425
2001 SD ₁₄₉	2009 10 01.2	00 29.85 +09 25.9 18.7 −0.96 − 3.6 2.2/03.2 62319
2008 DG ₄₄	2009 10 01.3	00 29.82 −07 01.3 19.8 −0.89 − 7.9 4.0/27.8 62525
2007 CV ₄₇	2009 10 01.3	00 29.82 +02 47.0 20.3 −0.91 − 7.0 0.2/01.2 62042
2005 UR ₂₂₀	2009 10 01.3	00 29.82 +13 56.0 19.8 −0.82 − 6.9 3.5/05.0 62450
2007 ET ₂₀₄	2009 10 01.3	00 29.86 +02 15.7 20.8 −0.87 − 4.4 0.4/01.0 26263
2007 CN ₆₄	2009 10 01.3	00 29.91 +09 11.6 20.6 −0.88 − 5.2 2.1/03.2 62504
2008 CZ ₇₁	2009 10 01.3	00 29.91 −21 00.9 19.5 −0.90 −16.8 9.8/21.1 58593
2007 AX ₁₈	2009 10 01.3	00 29.92 −08 32.4 19.4 −0.88 − 6.3 4.1/27.4 39274
2001 SF ₂₄₁	2009 10 01.3	00 29.96 −01 04.5 19.5 −0.87 − 4.5 1.8/30.0 62320
2001 VF ₁₁₉	2009 10 01.3	00 29.98 −04 30.2 20.4 −0.93 − 4.4 2.7/28.9 62328
2007 DA ₅₁	2009 10 01.3	00 29.99 +00 56.6 20.7 −0.79 − 6.2 0.7/30.6 62506
2002 EJ ₅₂	2009 10 01.3	00 30.04 −10 51.5 20.2 −0.78 −10.6 4.6/25.9 60761
2005 NG ₉	2009 10 01.3	00 30.07 −05 53.1 19.8 −0.84 − 8.0 3.9/28.1 62422
2006 VL ₂₆	2009 10 01.3	00 30.14 +00 30.1 19.8 −0.97 − 4.9 1.3/30.5 12968
2000 WS ₃₉	2009 10 01.3	00 30.14 −10 37.2 19.1 −0.79 − 6.6 4.8/26.4 62310
2004 TX ₁₄₈	2009 10 01.3	00 30.17 +09 46.5 20.7 −0.72 − 6.6 1.8/03.7 61905
1999 XQ ₂₁₁	2009 10 01.3	00 30.18 +09 23.2 18.7 −0.90 − 1.2 2.2/03.1 62301
2006 YF ₄₅	2009 10 01.3	00 30.18 −00 07.9 20.8 −0.92 − 6.2 1.2/30.3 60883
2008 DW ₈₁	2009 10 01.3	00 30.21 −00 06.6 20.7 −0.93 − 4.5 1.2/30.4 62526
1999 XG ₁₈₄	2009 10 01.3	00 30.22 +05 38.6 17.7 −0.89 − 1.6 1.0/02.1 62301
2002 RG ₂₀₃	2009 10 01.3	00 30.25 +13 52.3 18.6 −0.80 − 7.5 5.2/05.2 62355
2007 EH ₁₅₃	2009 10 01.3	00 30.25 −03 38.2 19.4 −0.86 − 3.6 2.5/29.3 62514
2006 VT ₅₄	2009 10 01.4	00 30.18 +05 04.9 20.3 −0.96 − 7.1 0.7/02.0 40704
2001 SP ₂₇₇	2009 10 01.4	00 30.19 +18 12.1 18.1 −0.83 − 3.0 7.3/06.1 62320
2007 CM ₄₇	2009 10 01.4	00 30.20 −02 41.9 20.0 −0.78 − 7.6 1.8/29.3 62503
2007 DL ₁₁₀	2009 10 01.4	00 30.23 +01 34.8 21.1 −0.79 − 7.4 0.5/30.8 40456
2005 WD ₃₁	2009 10 01.4	00 30.26 +08 47.6 20.1 −0.83 − 4.9 1.8/03.2 62460
2005 TW ₁₆₈	2009 10 01.4	00 30.27 +09 53.6 20.6 −0.80 − 8.7 2.5/03.8 62442

2004 SR ₅₈	2009 10 01.4	00 30.29 -02 33.6 18.2	-2.02 +13.7	3.4/31.0	62403
2008 CW ₂₀₁	2009 10 01.4	00 30.29 -00 12.9 18.6	-1.67 +10.2	1.6/01.0	41913
2005 VK ₁₂₂	2009 10 01.4	00 30.30 +40 29.7 20.1	-0.99 - 5.0	9.8/15.8	22803
1998 FL ₁₃₇	2009 10 01.4	00 30.35 +04 57.3 20.1	-0.74 - 8.5	0.5/02.0	62294
1999 XL ₂₅₁	2009 10 01.4	00 30.42 -05 14.5 20.8	-0.97 - 5.4	3.4/28.8	13742
2005 UH ₃₃₁	2009 10 01.4	00 30.43 +00 01.9 19.6	-0.82 - 5.5	1.4/30.4	62452
2000 BN	2009 10 01.4	00 30.47 +06 16.4 19.8	-0.96 - 5.9	1.1/02.4	62302
1996 AS ₁₀	2009 10 01.4	00 30.48 +09 09.6 20.8	-0.77 - 4.9	1.7/03.4	62292
2004 DE ₆₆	2009 10 01.4	00 30.48 +00 18.1 20.5	-0.94 - 5.5	1.0/30.5	62386
2005 QY ₁₃₈	2009 10 01.4	00 30.49 +01 24.3 20.1	-0.91 - 5.5	0.8/30.9	62429
2004 RA ₁₅₆	2009 10 01.4	00 30.49 +09 59.3 20.2	-0.87 - 3.1	2.4/03.5	61897
2007 FH ₈	2009 10 01.4	00 30.49 +06 03.0 20.8	-0.85 - 4.1	0.9/02.3	62516
2008 FC ₅₆	2009 10 01.4	00 30.51 +04 40.0 19.5	-0.85 - 8.9	0.5/02.0	62530
2005 UW ₃₃₃	2009 10 01.4	00 30.53 -07 54.8 19.2	-0.87 - 3.8	4.5/27.9	62452
2005 SN ₄₃	2009 10 01.4	00 30.55 +07 36.7 20.0	-0.90 - 5.2	1.7/02.9	61933
2002 TM ₈₀	2009 10 01.4	00 30.58 +05 34.8 18.6	-1.08 - 1.4	1.0/02.1	62357
2004 FO ₄	2009 10 01.4	00 30.59 +07 22.8 20.4	-0.97 - 4.8	1.5/02.7	62388
2003 PO ₇	2009 10 01.4	00 30.59 +22 51.1 19.5	-0.84 - 4.2	6.3/08.4	95027
2002 PQ ₁₇₃	2009 10 01.4	00 30.60 +00 14.9 19.2	-0.63 - 9.8	1.6/30.3	62351
2005 UO ₅₆	2009 10 01.4	00 30.60 +01 30.3 18.9	-1.09 + 0.3	0.7/01.0	62444
2001 UX ₁₉₁	2009 10 01.4	00 30.65 +23 59.5 18.8	-1.14 + 1.9	9.1/06.9	62326
2002 RO ₄₆	2009 10 01.5	00 30.55 -03 45.8 18.7	-0.69 - 6.6	3.7/29.0	62353
2007 DX ₆₉	2009 10 01.5	00 30.59 +08 32.8 19.5	-0.96 - 1.8	2.0/03.0	62507
1995 UJ ₄₀	2009 10 01.5	00 30.59 +06 26.5 20.0	-0.78 - 6.6	1.1/02.6	62292
2004 CC ₄₂	2009 10 01.5	00 30.61 -03 06.3 20.6	-0.95 - 6.2	2.3/29.5	55986
2005 SR ₁₈₅	2009 10 01.5	00 30.64 +02 07.1 20.9	-0.82 - 7.5	0.5/01.1	61940
2006 VV ₇	2009 10 01.5	00 30.64 -10 14.3 19.9	-1.06 - 2.7	5.9/27.6	40167
2001 DS ₇₂	2009 10 01.5	00 30.64 -00 57.1 21.1	-0.68 - 5.6	1.0/30.0	20741
2004 FV ₄₆	2009 10 01.5	00 30.65 +05 23.3 21.0	-0.92 - 5.8	0.7/02.2	60800
2005 XK ₁₀₁	2009 10 01.5	00 30.66 +11 09.9 20.8	-0.76 - 4.2	2.3/04.1	61998
2004 SD ₁₆	2009 10 01.5	00 30.67 -09 46.0 18.9	-0.79 - 4.4	4.6/27.2	62402
2001 WV ₂₇	2009 10 01.5	00 30.68 -20 43.4 19.3	-0.98 - 1.1	9.7/24.0	62329
2000 QU ₂₂₃	2009 10 01.5	00 30.72 +19 39.4 19.4	-1.04 - 1.7	5.9/06.4	62306
2008 KX ₄₂	2009 10 01.5	00 30.74 +12 39.4 20.0	-0.91 - 7.7	3.6/04.7	41690
2005 SF ₂₀₀	2009 10 01.5	00 30.76 +01 38.1 20.8	-0.87 - 5.6	0.6/01.0	62436
2000 QP ₁₇₅	2009 10 01.5	00 30.78 +14 08.6 19.0	-0.86 - 5.4	4.0/05.2	62306
2003 SF ₂₃₀	2009 10 01.5	00 30.81 +03 23.1 19.3	-0.84 - 1.9	0.0/01.6	62377
2004 FZ ₁₄₂	2009 10 01.5	00 30.81 -02 20.3 20.1	-1.01 - 3.0	1.9/29.9	62390
2005 SU ₂₃₅	2009 10 01.5	00 30.82 +05 35.4 19.3	-0.90 - 3.6	1.0/02.3	61942
2003 QO ₆₉	2009 10 01.5	00 30.84 +00 15.1 20.0	-0.75 - 4.5	1.0/30.6	62374
2001 WC ₂	2009 10 01.5	00 30.84 +42 08.0 19.6	-1.05 - 4.3	10.7/15.6	97509
2001 QC ₂₃₇	2009 10 01.5	00 30.84 +11 25.7 19.4	-0.85 + 0.3	2.5/03.9	61838
2007 EQ ₄₁	2009 10 01.5	00 30.86 +00 08.9 19.9	-0.88 - 7.4	1.3/30.5	41865
2003 EU ₅₇	2009 10 01.5	00 30.87 -18 25.3 20.1	-0.89 - 3.1	6.8/24.7	40679
2005 YA ₁₂₃	2009 10 01.5	00 30.90 +23 39.4 19.8	-0.95 - 2.3	6.8/07.9	02265
2008 JS ₂₁	2009 10 01.5	00 30.92 +05 41.0 19.0	-1.12 + 0.9	1.0/02.2	62094
2004 TW ₁₁₈	2009 10 01.5	00 30.94 -36 44.2 19.4	-1.13 + 2.8	12.6/18.9	62406
2001 XO ₉₅	2009 10 01.5	00 30.96 +07 50.4 18.7	-0.85 - 5.6	1.9/03.1	62332
2008 EF ₉₁	2009 10 01.5	00 30.98 +05 41.6 19.9	-1.63 + 4.9	1.2/02.0	62528
2004 PS ₃₃	2009 10 01.6	00 30.92 +18 32.3 19.8	-0.96 - 2.8	5.0/06.4	62394
2008 HZ ₁₁	2009 10 01.6	00 30.93 +07 09.9 20.7	-0.80 -11.5	1.3/03.0	62536

2002 AK ₁₃₈	2009 10 01.6	00 30.93 -28 16.2 18.9	-0.72 - 7.3	12.9/17.6	62338
2007 GM ₅₉	2009 10 01.6	00 30.98 +08 14.0 21.5	-0.71 - 5.1	1.3/03.3	26272
2008 FV ₁₁₈	2009 10 01.6	00 31.02 -03 24.7 20.2	-0.99 - 5.5	2.7/29.5	62532
2002 TS ₁₈₂	2009 10 01.6	00 31.03 +13 13.9 18.7	-0.96 - 6.8	4.2/05.0	62358
2004 JW ₁₃	2009 10 01.6	00 31.04 +00 22.8 20.0	-0.94 - 5.4	1.1/30.7	62392
2006 DY ₄₆	2009 10 01.6	00 31.06 +00 22.4 20.2	-0.70 - 5.8	0.9/30.6	62481
2002 QO ₁₁₆	2009 10 01.6	00 31.09 +12 01.2 19.6	-0.79 - 2.2	2.6/04.3	62352
2004 GV ₃₁	2009 10 01.6	00 31.10 +03 41.7 21.2	-0.91 - 5.5	0.1/01.8	87629
2004 VK ₆₈	2009 10 01.6	00 31.11 -05 50.9 20.2	-0.78 - 3.8	2.8/28.7	74436
2004 GC ₅₀	2009 10 01.6	00 31.11 +10 32.5 18.7	-0.80 - 8.7	3.0/04.2	62391
2002 QR ₁₃	2009 10 01.6	00 31.11 +12 19.4 19.7	-1.01 - 6.0	3.7/04.5	61854
2006 US ₆₂	2009 10 01.6	00 31.12 +05 02.8 19.9	-0.94 - 6.8	0.8/02.2	62489
2006 WN ₁₉₈	2009 10 01.6	00 31.14 -01 10.0 20.4	-0.97 - 4.6	1.6/30.3	40170
2005 VY ₄	2009 10 01.6	00 31.16 +03 23.1 20.2	-0.81 - 7.1	0.0/01.7	62456
2005 UJ ₂₇	2009 10 01.6	00 31.19 -00 01.6 19.6	-0.89 - 3.4	1.5/30.6	62443
2004 VX	2009 10 01.6	00 31.19 +08 26.7 18.9	-0.97 + 5.5	2.6/02.7	61910
2005 VR ₉₄	2009 10 01.6	00 31.20 -20 55.2 20.9	-0.85 - 2.6	7.0/23.7	97971
2008 EN ₁₁₆	2009 10 01.6	00 31.20 +00 22.5 21.6	-0.96 - 5.5	1.1/30.7	62528
2004 PP ₉₄	2009 10 01.6	00 31.20 +05 17.6 19.7	-0.78 - 8.0	0.7/02.3	62395
2002 AR ₁₇	2009 10 01.6	00 31.23 +42 39.2 19.2	-1.34 + 1.3	19.0/16.0	60756
2006 AR ₇₁	2009 10 01.6	00 31.23 -18 26.5 18.9	-0.70 - 6.9	7.2/23.4	62475
2005 TP ₁₂₈	2009 10 01.6	00 31.24 +05 24.8 20.5	-0.83 - 6.5	0.8/02.4	62441
2005 UC ₂₈₂	2009 10 01.6	00 31.25 -02 50.3 19.8	-0.89 - 4.6	2.5/29.7	62451
2005 TO ₄₀	2009 10 01.6	00 31.25 +01 06.8 19.9	-0.79 - 8.7	0.9/30.9	62439
2007 GN ₄₁	2009 10 01.6	00 31.25 +16 33.5 18.2	-0.64 -11.0	4.5/07.0	62518
2001 CJ ₄₄	2009 10 01.6	00 31.31 -18 25.2 20.4	-0.74 - 3.1	5.1/24.4	59662
2004 ED ₄₂	2009 10 01.6	00 31.31 +06 42.8 19.5	-1.04 - 3.8	1.3/02.7	62387
2008 HC ₃₆	2009 10 01.6	00 31.31 -07 32.8 20.4	-0.91 - 4.0	4.0/28.3	41651
2002 EU ₉₂	2009 10 01.6	00 31.31 +14 03.7 19.7	-0.93 - 2.0	3.2/05.0	59678
2004 GB ₈₅	2009 10 01.6	00 31.33 -02 39.3 19.9	-0.84 - 9.3	2.3/29.5	62391
2002 RN ₇₄	2009 10 01.6	00 31.35 +06 44.6 19.0	-1.00 - 4.5	1.6/02.7	62353
2006 AX ₆₆	2009 10 01.7	00 31.28 +23 04.4 19.5	-0.86 - 3.4	6.8/08.3	62475
2005 TB ₇₅	2009 10 01.7	00 31.30 +04 03.1 19.7	-0.75 -11.1	0.2/02.0	62440
2005 UP ₃₁₄	2009 10 01.7	00 31.31 +06 15.7 19.1	-0.70 -12.9	1.1/02.8	62452
2004 PE ₇₂	2009 10 01.7	00 31.32 -16 54.8 20.0	-0.76 - 7.0	6.7/24.4	62395
2008 EA ₃₈	2009 10 01.7	00 31.34 -02 59.3 20.5	-1.02 - 4.4	2.5/29.8	62527
2005 VD ₂₅	2009 10 01.7	00 31.35 +02 58.6 20.3	-0.84 - 3.7	0.2/01.6	61981
2003 FF ₁₀₉	2009 10 01.7	00 31.36 -01 59.5 20.8	-0.82 - 6.3	1.6/29.9	62371
2007 DR ₅	2009 10 01.7	00 31.36 +09 23.6 20.3	-1.03 - 2.7	2.5/03.4	62043
1999 JX ₁₀₁	2009 10 01.7	00 31.36 +03 41.6 18.3	-0.79 - 9.1	0.1/01.8	62297
2001 XC ₁₁₀	2009 10 01.7	00 31.37 -20 54.5 20.9	-0.93 - 3.8	7.8/23.5	42603
2007 DC ₁₂	2009 10 01.7	00 31.39 -07 04.2 20.4	-0.84 - 4.6	3.3/28.4	22876
2004 FV ₅₅	2009 10 01.7	00 31.43 -02 28.3 21.4	-0.94 - 4.3	1.9/30.0	39198
2004 VE ₄₂	2009 10 01.7	00 31.43 +09 51.5 20.9	-0.71 - 6.4	1.8/04.0	55997
2001 XA ₂₀₆	2009 10 01.7	00 31.44 -21 06.4 20.6	-0.90 - 4.4	7.8/23.2	17980
2008 LU ₇	2009 10 01.7	00 31.45 -23 32.7 19.6	-0.82 - 4.1	8.8/22.4	62540
2005 PX ₂₃	2009 10 01.7	00 31.45 +09 01.6 20.1	-1.01 - 3.7	2.1/03.4	62425
2007 EF ₁₇₆	2009 10 01.7	00 31.47 +07 24.2 21.2	-0.70 - 5.8	1.0/03.1	20857
2002 JV ₅₆	2009 10 01.7	00 31.52 -09 31.9 20.4	-0.83 - 2.0	3.7/27.9	55945
2000 DE ₁₁₈	2009 10 01.7	00 31.53 +05 26.6 21.4	-0.93 - 5.5	0.7/02.4	99942
2008 GZ ₅₀	2009 10 01.7	00 31.54 +01 09.2 20.6	-0.96 - 8.5	0.9/01.0	62533

2004 DD ₉	2009 10 01.7	00 31.54 −01 28.4 19.8 −0.98 − 5.3 1.9/30.3 40120
2004 TW ₁₇₇	2009 10 01.7	00 31.60 +04 49.3 20.6 −0.79 − 4.7 0.4/02.2 62407
2006 BQ ₈₈	2009 10 01.7	00 31.62 −10 32.7 20.5 −0.71 − 5.9 4.2/26.8 38085
2000 SB ₃₀₉	2009 10 01.7	00 31.63 +10 02.7 18.7 −0.99 − 0.8 2.7/03.6 62308
2008 EF ₁₄₆	2009 10 01.7	00 31.64 −07 07.4 20.3 −1.05 − 3.2 4.2/28.8 39951
2005 XU ₅₃	2009 10 01.7	00 31.65 +01 05.5 19.7 −0.91 − 3.4 0.9/01.1 62466
1999 XL ₆₆	2009 10 01.7	00 31.65 −30 08.3 20.5 −0.83 − 1.5 8.3/20.4 62300
2002 CN ₁₇₆	2009 10 01.7	00 31.66 −06 49.5 19.3 −0.79 − 6.2 3.6/28.3 62341
2002 NP ₄₃	2009 10 01.7	00 31.66 −09 15.0 19.7 −1.03 − 3.5 5.5/28.1 62349
2002 CN ₃₀	2009 10 01.7	00 31.66 −22 40.8 19.5 −0.81 − 7.2 10.2/21.2 94572
2005 UL ₅₁₃	2009 10 01.7	00 31.67 +04 34.6 20.3 −0.80 − 5.7 0.4/02.2 58518
2006 BT ₄₂	2009 10 01.7	00 31.68 −02 45.4 20.5 −0.75 − 4.5 1.8/29.8 62476
2007 EY ₂₁₃	2009 10 01.8	00 31.64 +06 37.5 20.7 −0.77 − 7.3 1.0/02.9 20580
2005 TQ ₁₀₄	2009 10 01.8	00 31.66 +07 12.4 19.2 −1.04 − 1.5 1.5/02.8 62440
2004 WH ₈	2009 10 01.8	00 31.68 +10 04.7 19.4 −0.71 − 7.0 2.4/04.2 97772
2007 GE ₄₂	2009 10 01.8	00 31.68 +04 23.2 21.2 −0.87 − 5.4 0.3/02.1 20867
2006 WQ ₁₅₃	2009 10 01.8	00 31.69 −11 28.2 19.6 −0.94 − 3.8 6.6/27.1 62495
2006 BC ₁₂₈	2009 10 01.8	00 31.71 +02 20.8 20.4 −0.72 − 6.0 0.4/01.4 01259
2002 AA ₈₁	2009 10 01.8	00 31.72 −10 06.3 20.5 −0.88 − 6.7 4.4/27.1 33339
2005 XC ₄₂	2009 10 01.8	00 31.75 +12 25.7 20.4 −0.83 − 6.3 3.5/04.9 96624
2005 VK ₇₃	2009 10 01.8	00 31.75 −19 11.5 20.0 −0.92 − 2.9 7.3/24.4 60849
2004 BV ₁₁₀	2009 10 01.8	00 31.76 −10 04.9 19.5 −0.96 − 5.8 5.3/27.5 62383
1999 SO ₁₅	2009 10 01.8	00 31.78 +14 32.8 18.0 −1.03 + 5.4 6.7/05.0 62297
2006 EL ₂₄	2009 10 01.8	00 31.78 +09 28.3 21.1 −0.79 − 3.3 1.9/03.7 62482
2006 BN ₃₀	2009 10 01.8	00 31.79 −02 49.0 20.4 −0.76 − 4.7 1.8/29.8 62476
2007 ED ₁₀₁	2009 10 01.8	00 31.79 −03 04.9 20.4 −0.89 − 5.7 2.3/29.7 62512
2006 VG ₂₀	2009 10 01.8	00 31.81 +13 26.2 19.0 −0.92 − 9.7 4.4/05.5 62491
2007 AT ₂₉	2009 10 01.8	00 31.81 +22 54.0 21.4 −0.99 − 3.1 6.3/08.0 41306
2005 JM ₁₀₇	2009 10 01.8	00 31.85 −02 17.8 20.0 −0.98 − 5.9 2.4/30.1 62419
2009 SK ₁₁₄	2009 10 01.8	00 31.86 +10 00.2 20.2 −0.94 − 3.1 2.7/03.8 62216
2007 EJ ₁₀	2009 10 01.8	00 31.87 +05 36.7 21.0 −0.76 − 7.3 0.6/02.6 62509
2008 GX ₃₇	2009 10 01.8	00 31.89 +04 43.9 20.0 −0.84 − 8.0 0.5/02.3 39056
2001 VY ₁₂₀	2009 10 01.8	00 31.90 −24 23.4 18.8 −1.02 − 1.7 10.8/22.4 62328
2004 TM ₃₅	2009 10 01.8	00 31.91 −00 03.3 20.3 −0.86 − 2.2 1.1/30.8 62404
2008 OU ₂₂	2009 10 01.8	00 31.92 +01 01.2 19.9 −0.48 − 3.4 0.4/01.0 62541
2003 CX ₁	2009 10 01.8	00 31.94 +01 34.2 19.7 −0.83 − 7.6 0.6/01.2 62368
2001 DD ₂₀	2009 10 01.8	00 31.95 +04 03.9 19.9 −0.79 − 3.0 0.2/02.1 62312
1999 VM ₇₃	2009 10 01.8	00 31.97 +02 12.4 20.6 −0.96 − 7.2 0.5/01.5 62299
2005 EQ ₂₆₅	2009 10 01.8	00 31.97 +04 05.8 19.4 −0.98 − 8.7 0.3/02.1 62418
2007 EC ₂₅	2009 10 01.8	00 31.97 +03 40.8 19.4 −0.68 − 6.9 0.1/02.0 62510
2006 AN ₅₃	2009 10 01.8	00 31.98 +03 22.2 20.6 −0.75 − 5.4 0.0/01.9 19685
2007 BO ₁	2009 10 01.8	00 31.98 +18 25.5 21.1 −0.88 − 3.6 4.0/06.7 18187
2006 XR ₃₆	2009 10 01.8	00 31.98 −20 11.8 21.5 −0.88 − 4.2 7.4/24.0 53587
2002 GV ₁₅₂	2009 10 01.8	00 31.99 −13 12.8 20.4 −0.78 − 4.0 4.9/26.3 19579
2001 XN ₂₂₉	2009 10 01.8	00 32.01 −06 10.1 20.9 −0.88 − 4.5 3.0/28.8 62334
2005 UQ ₉₀	2009 10 01.8	00 32.01 +10 43.1 19.5 −0.88 − 4.7 2.4/04.2 62445
2004 PR ₆₄	2009 10 01.8	00 32.04 +11 09.5 20.6 −0.87 − 4.3 2.4/04.4 62395
2008 GH ₁₂₉	2009 10 01.8	00 32.05 +09 22.7 20.6 −0.80 −14.6 1.7/04.2 47446
2002 DJ ₇	2009 10 01.8	00 32.05 −21 21.0 19.6 −0.95 − 3.2 8.5/23.5 97577
2001 YJ ₆₆	2009 10 01.8	00 32.06 −28 00.3 19.7 −0.92 − 2.9 12.1/20.1 97537
2003 HU ₂₁	2009 10 01.8	00 32.06 +04 33.7 20.2 −0.79 − 7.0 0.3/02.3 59699

2004 BB ₁₀₅	2009 10 01.8	00 32.06 −05 29.4 20.5 −0.91 − 7.7 3.1/28.9 62383
2003 BG ₅₂	2009 10 01.8	00 32.17 +41 59.8 19.7 −1.87 + 6.5 19.1/11.3 62367
2006 AH ₉₄	2009 10 01.9	00 31.99 +05 04.3 20.6 −0.79 − 4.7 0.5/02.4 96970
2000 YO ₃₁	2009 10 01.9	00 32.01 −03 55.2 21.6 −0.75 − 4.9 2.1/29.4 62311
2008 CR ₁₉₂	2009 10 01.9	00 32.03 +01 51.2 20.3 −0.97 − 6.7 0.6/01.4 62524
2005 VM ₅₃	2009 10 01.9	00 32.05 +10 00.8 19.2 −0.95 − 2.7 2.7/03.8 62457
2008 RQ ₇₂	2009 10 01.9	00 32.06 +08 28.6 20.3 −0.50 − 2.6 0.9/03.7 62542
2005 UE ₁₁₃	2009 10 01.9	00 32.06 −04 00.0 20.0 −0.89 − 3.4 2.7/29.6 62446
2004 PD ₅₁	2009 10 01.9	00 32.07 +02 42.5 19.1 −0.88 − 3.0 0.3/01.7 62395
2009 QA ₃₈	2009 10 01.9	00 32.09 −05 33.3 18.8 −0.74 − 8.0 4.3/28.7 62164
2007 HC ₅	2009 10 01.9	00 32.10 −06 50.7 20.0 −0.79 − 4.7 3.2/28.5 62519
2007 EX ₁₇₉	2009 10 01.9	00 32.14 +08 43.8 20.4 −0.70 − 7.8 1.5/03.9 62058
2002 CS ₈₆	2009 10 01.9	00 32.15 −01 58.6 19.4 −0.80 − 6.8 2.0/30.1 62340
2004 RH ₇₅	2009 10 01.9	00 32.16 +00 59.5 18.5 −0.88 − 1.6 1.0/01.2 62397
2004 TW ₄	2009 10 01.9	00 32.17 +07 28.0 20.1 −0.57 −10.1 1.7/03.5 61901
2001 XF ₄₄	2009 10 01.9	00 32.17 +11 21.4 19.9 −0.92 − 3.4 2.6/04.3 62331
2006 WU ₁₉₁	2009 10 01.9	00 32.19 −10 26.4 20.3 −0.99 − 4.7 5.4/27.6 38965
2004 TG ₁₀₉	2009 10 01.9	00 32.19 −08 34.1 18.7 −0.86 − 1.3 4.3/28.4 62406
2004 HE ₆₀	2009 10 01.9	00 32.21 +10 01.9 19.3 −0.93 − 5.1 2.4/04.0 62392
2002 BL ₃₁	2009 10 01.9	00 32.21 −05 21.6 20.4 −0.48 − 2.9 1.5/28.8 62339
2006 VC ₂₁	2009 10 01.9	00 32.22 +00 55.2 20.4 −1.01 − 4.9 1.0/01.2 62491
2002 TR ₁₉₈	2009 10 01.9	00 32.34 +13 03.7 18.3 −0.99 − 4.7 4.2/05.0 62358
2004 XC ₇₉	2009 10 01.9	00 32.34 −09 36.7 19.7 −0.74 − 4.5 4.1/27.5 62415
2003 SV ₄₀₈	2009 10 01.9	00 32.35 +05 55.7 20.8 −0.67 − 7.2 0.7/02.9 61882
2007 EL ₁₉₆	2009 10 01.9	00 32.38 +00 01.9 19.9 −0.82 − 2.4 1.0/30.9 62515
2007 EA ₂₂₀	2009 10 01.9	00 32.38 +04 37.0 19.3 −0.68 − 7.7 0.4/02.4 62516
2002 GU ₁₃₈	2009 10 01.9	00 32.40 −02 19.8 20.4 −0.75 − 5.0 1.7/30.1 62347
2003 RH ₉	2009 10 01.9	00 32.40 +33 44.5 20.2 −0.82 − 4.1 7.8/13.6 62374
2001 FY ₆	2009 10 01.9	00 32.43 +01 17.3 20.6 −0.99 − 9.7 0.8/01.3 62312
2005 YC ₇₇	2009 10 01.9	00 32.43 +10 30.6 20.2 −0.82 − 4.1 2.4/04.3 62001
2007 EJ ₅₁	2009 10 02.0	00 32.36 +14 19.2 18.8 −0.88 − 2.0 3.4/05.3 62511
1999 UZ ₁₇	2009 10 02.0	00 32.38 +00 36.5 20.1 −0.76 − 5.7 1.0/01.0 62298
2007 EL ₁₄₁	2009 10 02.0	00 32.39 +05 19.3 19.4 −0.67 − 9.1 0.5/02.7 62514
2007 DN ₇₃	2009 10 02.0	00 32.45 +07 39.3 20.3 −0.99 − 2.9 1.9/03.2 62507
2004 XE ₄₀	2009 10 02.0	00 32.46 −12 51.2 19.3 −0.78 − 3.9 4.9/26.5 62414
2009 SV ₁₀₂	2009 10 02.0	00 32.50 −07 39.5 19.5 −0.84 − 7.2 4.6/28.2 62214
2008 FV ₅₀	2009 10 02.0	00 32.50 −08 38.9 20.1 −0.95 − 3.7 4.7/28.4 43299
2007 BG ₇₁	2009 10 02.0	00 32.52 −02 32.5 21.2 −0.81 − 7.1 1.9/30.0 22578
2002 VN ₈₇	2009 10 02.0	00 32.52 −03 15.8 18.7 −1.04 − 1.4 3.0/30.2 62362
2001 WM ₃₁	2009 10 02.0	00 32.53 −02 52.5 20.0 −0.87 − 4.9 2.4/30.0 62329
2005 WH ₁₁₆	2009 10 02.0	00 32.54 +14 51.3 20.6 −0.81 − 7.1 3.7/06.0 26103
2007 AZ ₁₄	2009 10 02.0	00 32.56 −08 38.0 19.8 −0.94 − 5.8 4.8/28.1 41306
2002 RV ₆₆	2009 10 02.0	00 32.56 +16 38.2 18.1 −0.92 − 5.4 6.1/06.4 62353
2008 HC ₃₄	2009 10 02.0	00 32.57 +00 30.7 19.7 −0.78 − 8.4 1.0/31.0 62537
2001 XR ₃	2009 10 02.0	00 32.58 +40 32.9 19.3 −1.26 − 4.5 16.0/16.8 62330
2004 CK ₇₀	2009 10 02.0	00 32.58 −07 17.8 20.0 −0.93 − 7.4 4.4/28.4 55987
2005 WC ₂₂	2009 10 02.0	00 32.60 +13 50.2 19.3 −0.77 − 5.9 4.7/05.6 97981
2005 UY ₁₂₂	2009 10 02.0	00 32.61 +13 31.0 20.1 −0.79 − 8.5 3.2/05.7 39779
2007 EZ ₁₂₁	2009 10 02.0	00 32.62 −03 39.2 19.8 −0.97 − 1.6 3.0/30.0 62513
2006 BH ₂₇	2009 10 02.0	00 32.64 −00 23.7 20.1 −0.73 − 4.8 1.1/30.8 62476
2001 VY ₄₅	2009 10 02.0	00 32.65 −07 17.8 18.8 −0.92 − 2.6 5.1/28.7 62327

2005 UQ ₄₇₂	2009 10 02.0	00 32.66 +02 19.7 21.0	-0.82	- 5.2	0.4/01.7	62455
1998 UQ ₁₁	2009 10 02.0	00 32.68 -00 31.9 20.2	-0.91	- 5.7	1.4/30.8	60722
2008 FD ₄₁	2009 10 02.0	00 32.70 -01 23.1 20.6	-0.96	- 7.0	1.9/30.5	62530
2008 FW ₁₉	2009 10 02.0	00 32.72 +06 35.4 20.4	-0.92	- 6.4	1.2/03.1	62529
2004 EL ₇	2009 10 02.0	00 32.76 +00 51.3 21.4	-0.92	- 6.6	0.9/01.2	62386
2008 AG ₁₁₂	2009 10 02.0	00 32.76 +41 39.2 20.3	-1.45	- 1.3	16.6/15.3	36018
2007 EJ ₁₅₄	2009 10 02.0	00 32.77 +08 05.1 21.2	-0.74	- 4.3	1.2/03.6	19432
2005 WF ₁₇₂	2009 10 02.0	00 32.78 +05 36.5 20.3	-0.82	- 5.9	0.7/02.8	58521
2005 LF ₄₀	2009 10 02.1	00 32.71 -02 12.3 21.3	-0.94	- 6.3	2.2/30.3	62420
2000 ES ₁₁₅	2009 10 02.1	00 32.72 +20 06.5 20.2	-1.59	+ 3.0	7.7/05.5	41073
2000 AB ₅₅	2009 10 02.1	00 32.73 -24 55.2 19.6	-0.75	- 5.4	8.3/21.0	62301
2007 BE ₄	2009 10 02.1	00 32.74 +20 29.3 20.3	-0.94	- 4.0	5.5/07.6	62500
2005 SE ₁₅₄	2009 10 02.1	00 32.75 +06 34.8 20.3	-0.82	- 8.7	1.2/03.2	61939
2007 CR ₆₀	2009 10 02.1	00 32.78 -10 55.8 21.4	-0.79	- 5.1	3.8/27.2	18199
2006 BA ₄₆	2009 10 02.1	00 32.80 +05 49.0 22.1	-0.73	- 4.4	0.6/02.9	01234
2005 WK ₁₇₃	2009 10 02.1	00 32.80 -01 04.4 21.3	-0.81	- 5.6	1.5/30.6	01153
2005 SW ₉₈	2009 10 02.1	00 32.83 +10 35.1 20.6	-0.99	- 2.9	2.7/04.2	61936
2007 EA ₂₂	2009 10 02.1	00 32.83 +00 25.9 20.8	-0.87	- 7.2	1.1/01.1	62510
2005 UG ₄₇₉	2009 10 02.1	00 32.85 +09 18.6 19.6	-1.03	+ 0.4	2.6/03.6	62455
2004 RF ₂₉₁	2009 10 02.1	00 32.85 +04 49.6 20.0	-0.78	- 6.7	0.4/02.6	62401
2004 FL ₄₇	2009 10 02.1	00 32.87 -01 50.2 19.3	-1.02	- 3.4	2.1/30.6	62389
2003 SX ₄₀	2009 10 02.1	00 32.91 +24 56.8 19.4	-0.98	+ 0.6	7.4/08.4	62375
2001 YH ₁₀	2009 10 02.1	00 32.92 -13 20.8 20.0	-0.85	- 5.8	5.4/26.3	19561
2007 AW ₃	2009 10 02.1	00 32.93 +00 43.0 20.1	-0.98	- 4.3	1.0/01.3	62498
2000 YW ₁₂₀	2009 10 02.1	00 32.94 -11 59.0 20.1	-0.86	- 3.2	5.2/27.2	20740
2005 UP ₂₀₅	2009 10 02.1	00 32.94 +06 28.4 20.8	-0.80	- 6.4	0.9/03.1	56033
2006 AF ₃₂	2009 10 02.1	00 32.99 -11 14.6 19.5	-0.95	- 1.8	6.0/27.7	96918
2005 OG ₁₅	2009 10 02.1	00 33.01 -03 03.4 18.2	-1.00	- 0.1	3.2/30.4	62424
2000 GK ₄	2009 10 02.1	00 33.02 -20 30.3 20.2	-1.18	- 0.7	8.0/25.3	10732
2008 EM ₄₄	2009 10 02.1	00 33.05 +03 13.6 20.4	-0.95	- 5.0	0.1/02.1	62527
2007 LB ₁₆	2009 10 02.1	00 33.05 +10 07.1 20.4	-0.66	- 7.8	1.7/04.6	62521
2007 VL ₁₉₃	2009 10 02.1	00 33.06 -45 31.9 20.0	-1.34	+ 2.5	22.6/15.0	31639
2005 YJ ₄	2009 10 02.1	00 33.08 -01 48.4 20.1	-0.78	- 5.1	1.8/30.4	62467
2004 BO ₁₀₉	2009 10 02.1	00 33.11 -09 11.7 19.7	-1.02	- 4.3	4.8/28.3	62383
2002 RC ₁₈₈	2009 10 02.1	00 33.12 +06 31.6 19.0	-1.06	- 1.0	1.4/03.0	61862
2004 XG ₁₁₂	2009 10 02.1	00 33.14 -42 09.8 19.5	-1.03	+ 2.7	15.4/15.0	61915
2005 UM ₆₃	2009 10 02.1	00 33.14 +03 15.7 20.3	-0.83	- 5.7	0.1/02.1	20413
2007 HP ₃₄	2009 10 02.1	00 33.14 +03 05.4 21.5	-0.75	- 4.7	0.1/02.0	22588
2002 AX ₂₅	2009 10 02.1	00 33.16 +21 55.2 20.4	-0.90	- 4.0	5.9/08.2	19564
2008 GQ ₅₄	2009 10 02.1	00 33.17 -00 29.2 21.1	-0.95	- 5.5	1.5/30.9	41603
1999 XP ₂₂₇	2009 10 02.2	00 33.08 +49 05.7 19.6	-1.30	- 1.4	21.9/24.0	60281
2006 AZ ₅₁	2009 10 02.2	00 33.10 +24 41.3 21.4	-0.77	- 3.7	5.1/09.6	04368
2008 BF ₃₆	2009 10 02.2	00 33.10 -04 21.7 19.5	-0.89	- 8.3	3.1/29.5	62068
2008 EL ₁₃₅	2009 10 02.2	00 33.12 -01 23.4 20.6	-0.92	- 4.8	1.9/30.7	62528
2001 UA ₁₃₉	2009 10 02.2	00 33.13 +01 13.7 20.2	-0.86	- 6.3	0.8/01.4	89024
2002 EY ₅₁	2009 10 02.2	00 33.14 +11 26.7 19.3	-0.53	- 2.3	1.5/04.9	62344
2004 GT ₂₀	2009 10 02.2	00 33.15 -20 14.3 19.3	-0.90	- 4.0	8.3/24.7	62390
2001 XZ ₁₁₁	2009 10 02.2	00 33.16 +16 46.5 19.1	-0.77	- 9.4	5.0/07.2	62332
2003 HQ ₄₄	2009 10 02.2	00 33.17 -01 00.0 19.9	-0.74	- 8.1	1.5/30.6	62372
2002 TS ₄₂	2009 10 02.2	00 33.19 +05 34.7 18.0	-0.65	-10.9	1.0/03.0	61866
2007 FY ₁₀	2009 10 02.2	00 33.21 +09 10.6 21.6	-0.74	- 5.4	1.5/04.1	20859

2004 RO ₂₄₀	2009 10 02.2	00 33.22 +03 33.1 20.0	-0.78	- 5.7	0.0/02.2	62400
2007 DO ₄₀	2009 10 02.2	00 33.22 +14 30.6 19.8	-0.92	- 1.4	3.5/05.5	62045
2007 EX ₂₁₄	2009 10 02.2	00 33.24 +01 33.6 20.8	-0.79	- 4.5	0.6/01.6	31525
2005 WK ₁₉	2009 10 02.2	00 33.27 -08 54.7 21.3	-0.80	- 6.7	3.7/27.9	26097
2005 WC ₈₄	2009 10 02.2	00 33.29 -01 56.9 19.5	-0.86	- 4.0	1.9/30.5	62462
2008 EF ₁₄₉	2009 10 02.2	00 33.29 -08 37.7 19.6	-1.02	- 3.2	4.9/28.7	39955
2001 TQ ₁₆	2009 10 02.2	00 33.30 -24 15.5 19.5	-0.97	- 1.0	10.9/23.5	62321
2004 TV ₂₇₉	2009 10 02.2	00 33.30 +07 22.4 20.8	-0.72	- 5.5	1.0/03.5	62409
2005 MY ₁₂	2009 10 02.2	00 33.32 +49 16.3 19.1	-1.34	- 1.2	17.5/23.6	87687
2001 FM ₅₈	2009 10 02.2	00 33.34 +22 19.7 21.1	-0.80	- 3.2	4.5/08.5	41764
2007 ES ₈₉	2009 10 02.2	00 33.37 +04 11.7 19.9	-0.78	- 6.6	0.2/02.5	62512
2003 JE ₁₈	2009 10 02.2	00 33.37 +19 16.9 19.2	-0.74	-10.7	4.8/08.5	62372
2005 UR ₂₄₀	2009 10 02.2	00 33.39 -05 03.2 20.1	-0.84	- 5.8	3.6/29.4	97924
2008 EE ₅₄	2009 10 02.2	00 33.40 -07 12.1 20.6	-0.99	- 4.6	4.1/29.0	37798
2001 WA ₄₅	2009 10 02.2	00 33.41 +04 15.4 19.6	-0.79	- 9.7	0.2/02.5	21771
2004 TT ₂₀₂	2009 10 02.2	00 33.42 +02 46.5 19.3	-0.80	- 3.8	0.3/02.0	62408
2006 VR ₉₉	2009 10 02.2	00 33.42 +01 07.3 19.5	-0.93	- 4.8	1.2/01.5	12980
2003 YE ₈₂	2009 10 02.2	00 33.43 +04 54.8 18.7	-1.01	- 5.2	0.6/02.7	62381
2004 DL ₁₉	2009 10 02.2	00 33.43 +05 07.5 20.4	-1.00	- 5.2	0.6/02.7	61886
2005 WS ₂₁	2009 10 02.2	00 33.44 +09 09.3 20.4	-0.83	- 5.2	1.8/04.1	62460
2008 LR ₁₀	2009 10 02.2	00 33.44 -06 12.6 20.4	-0.89	- 5.0	3.3/29.2	62540
2004 XJ ₁₁₈	2009 10 02.2	00 33.44 +19 20.9 20.2	-0.78	- 4.3	5.4/07.6	62415
2001 WZ ₈₄	2009 10 02.2	00 33.44 -14 13.5 19.6	-0.75	- 1.2	9.3/26.3	62330
2006 AS ₄₉	2009 10 02.2	00 33.44 -05 21.6 21.2	-0.75	- 4.5	2.5/29.3	62475
2008 EQ ₁₁₆	2009 10 02.2	00 33.45 -00 28.8 21.0	-0.93	- 5.9	1.5/31.0	39297
2005 XV ₇₃	2009 10 02.2	00 33.45 -12 08.8 19.5	-0.82	- 3.0	4.9/27.3	22804
2007 FB ₂	2009 10 02.2	00 33.45 -12 24.9 20.7	-0.72	- 4.4	4.1/26.9	22884
2001 XY ₁₂₅	2009 10 02.2	00 33.47 +14 57.3 18.2	-0.74	- 9.6	4.8/06.7	62332
2001 FZ ₆₁	2009 10 02.2	00 33.48 +02 10.2 19.8	-0.79	- 3.5	0.4/01.8	62313
2006 AR	2009 10 02.2	00 33.51 +09 22.2 20.3	-0.79	- 7.6	2.0/04.3	62473
2001 DE ₁₀₆	2009 10 02.3	00 33.45 +22 08.8 20.4	-0.56	- 1.7	3.2/08.8	50900
2006 UY ₂₈₆	2009 10 02.3	00 33.45 +07 44.2 19.4	-0.86	- 9.7	1.9/03.8	62491
2007 JA ₄	2009 10 02.3	00 33.47 -12 23.1 19.5	-0.82	- 2.5	5.2/27.3	62521
2001 XM ₄	2009 10 02.3	00 33.48 -48 19.3 19.0	-1.27	+ 3.1	24.2/15.0	62330
2005 YW ₂₃₉	2009 10 02.3	00 33.48 -12 18.2 21.1	-0.74	- 5.5	4.7/26.7	96864
2008 FX ₁₀₂	2009 10 02.3	00 33.49 -06 07.7 19.3	-0.80	- 8.0	4.1/28.9	62531
2005 WY ₆₂	2009 10 02.3	00 33.51 -13 44.6 20.0	-0.84	- 5.0	5.5/26.4	60851
2005 SB ₁₅₀	2009 10 02.3	00 33.52 -05 17.1 19.8	-1.04	- 0.3	3.5/30.0	97830
2005 SK ₂₁₁	2009 10 02.3	00 33.53 +02 36.0 19.5	-0.93	- 2.4	0.5/02.0	62437
2003 ET ₃₆	2009 10 02.3	00 33.54 -20 38.5 19.4	-1.05	- 0.5	9.2/25.2	60784
2002 YE ₃	2009 10 02.3	00 33.55 +04 56.3 19.3	-0.89	- 5.5	0.6/02.7	62364
2004 JR ₁₄	2009 10 02.3	00 33.56 -02 31.1 20.7	-0.86	- 6.1	2.1/30.3	40124
2004 TY ₃₁	2009 10 02.3	00 33.57 +05 29.7 20.0	-0.88	- 2.2	0.6/02.9	62404
2000 OZ ₁₅	2009 10 02.3	00 33.61 +26 33.3 18.9	-1.01	- 3.3	9.1/10.3	42580
2004 RK ₂₀₇	2009 10 02.3	00 33.63 +22 35.5 19.0	-0.80	- 8.3	6.7/09.7	62400
2005 UB ₃₇₀	2009 10 02.3	00 33.64 -02 21.6 20.6	-0.82	- 5.6	2.0/30.4	62453
2005 YK ₄₀	2009 10 02.3	00 33.66 -04 32.5 20.5	-0.73	- 4.8	2.3/29.6	62468
2004 DX ₄₀	2009 10 02.3	00 33.67 -02 18.7 20.9	-0.92	- 5.8	1.9/30.5	62386
2004 TE ₄₈	2009 10 02.3	00 33.68 +08 11.4 20.0	-0.70	- 8.1	1.5/04.0	62404
2004 VL ₇₄	2009 10 02.3	00 33.68 -07 30.1 18.5	-0.75	- 4.4	3.9/28.7	62412
2002 CV ₁₈₁	2009 10 02.3	00 33.68 +05 21.0 19.7	-0.84	- 5.0	0.6/02.9	62341

2007 EY ₁₅₅	2009 10 02.3	00 33.69 +13 14.6 20.8	-0.94	- 2.2	3.0/05.2	62057
2007 EQ ₁₄₆	2009 10 02.3	00 33.72 -02 19.8 20.7	-0.81	- 5.1	2.1/30.4	62514
2002 QK ₄₁	2009 10 02.3	00 33.72 +10 05.4 19.2	-1.12	- 3.0	2.8/04.2	62351
2005 QQ ₁₁₆	2009 10 02.3	00 33.73 +00 09.5 19.6	-0.84	- 7.1	1.5/01.2	62428
2005 UH ₂₃₃	2009 10 02.3	00 33.75 -01 50.1 19.0	-0.82	- 6.1	2.3/30.5	62450
2003 HL ₁₇	2009 10 02.3	00 33.75 +04 30.3 19.8	-0.76	- 9.2	0.3/02.7	62371
2004 EA ₅₄	2009 10 02.3	00 33.76 +04 39.1 20.4	-0.96	- 7.0	0.4/02.7	12871
2000 TY ₈	2009 10 02.3	00 33.77 +02 35.0 19.5	-0.90	- 3.0	0.4/02.1	62309
2005 VQ ₆₉	2009 10 02.3	00 33.78 +13 37.4 19.5	-0.77	- 7.9	3.0/06.0	62458
2004 ST ₂₇	2009 10 02.3	00 33.78 +03 00.1 20.6	-0.78	- 5.7	0.2/02.2	62402
2004 VA ₇₅	2009 10 02.3	00 33.79 +14 26.8 19.7	-0.72	- 6.4	3.2/06.2	62412
2007 AU ₈	2009 10 02.3	00 33.83 +13 53.6 20.3	-1.00	- 4.8	4.4/05.6	62499
1997 CL ₄	2009 10 02.3	00 33.87 +16 12.9 20.1	-0.84	- 4.5	3.8/06.5	52293
2005 QX ₁₂₈	2009 10 02.3	00 33.88 -00 32.0 20.4	-0.92	- 5.5	1.6/01.1	62429
2003 FG ₂₀	2009 10 02.4	00 33.83 -01 16.1 20.2	-0.95	- 2.4	1.5/31.0	62369
2007 EU ₇₈	2009 10 02.4	00 33.84 -05 52.7 20.8	-0.82	- 7.1	3.0/29.1	19715
2002 EK ₃₇	2009 10 02.4	00 33.84 -02 04.1 20.0	-0.78	- 4.9	1.9/30.5	17434
2002 XD ₅₁	2009 10 02.4	00 33.86 +06 08.7 19.7	-0.93	- 5.9	0.9/03.2	16234
2005 QV ₆	2009 10 02.4	00 33.86 +06 59.4 19.2	-0.86	- 5.6	1.5/03.5	62425
2005 UF ₄₅₆	2009 10 02.4	00 33.89 +11 46.0 18.6	-1.04	+ 0.7	3.7/04.5	62454
2008 FV ₁₂₂	2009 10 02.4	00 33.90 -04 10.7 22.0	-0.92	- 7.0	2.7/29.9	40207
2005 QW ₅₇	2009 10 02.4	00 33.90 -00 31.3 18.6	-1.14	+ 2.4	2.0/01.5	61927
2001 RW ₁₂₀	2009 10 02.4	00 33.92 +01 39.9 18.3	-0.68	- 3.1	0.6/01.8	62317
2004 TG ₂₀₄	2009 10 02.4	00 33.92 +26 01.8 20.8	-0.74	- 7.3	5.6/10.8	00817
2005 WK ₂₉	2009 10 02.4	00 33.93 -06 17.9 19.9	-0.87	- 3.4	3.5/29.4	61988
2008 EH ₁₁₆	2009 10 02.4	00 33.97 +00 39.9 22.0	-0.85	- 7.4	1.0/01.4	39297
2008 GC ₄	2009 10 02.4	00 33.97 +11 34.4 20.6	-0.98	- 3.3	2.5/05.0	62088
2008 LO ₁₁	2009 10 02.4	00 34.01 +14 05.5 21.3	-0.80	- 8.9	3.3/06.3	43302
2001 SB ₄₉	2009 10 02.4	00 34.03 -00 42.7 18.9	-0.82	- 3.9	2.1/01.1	62318
2005 LF ₅₃	2009 10 02.4	00 34.03 -02 04.9 19.5	-0.89	- 6.2	2.5/30.6	62420
2004 SC ₄₅	2009 10 02.4	00 34.07 +11 09.7 19.6	-0.90	- 2.4	2.5/04.7	62403
2006 UB ₃₇	2009 10 02.4	00 34.10 +03 36.2 20.6	-1.02	- 5.5	0.0/02.4	62488
2005 LA ₅₃	2009 10 02.4	00 34.11 +04 36.6 19.4	-0.88	- 5.7	0.4/02.8	62420
2006 BV ₂₆₃	2009 10 02.4	00 34.12 +00 42.3 20.8	-0.77	- 4.3	0.9/01.5	62479
2006 SN ₂₇₄	2009 10 02.4	00 34.13 +08 19.3 20.0	-0.95	- 7.5	1.9/04.0	62486
2004 VV ₄₂	2009 10 02.4	00 34.13 +00 42.8 21.4	-0.74	- 4.5	0.8/01.5	62412
2002 EZ ₁₂₉	2009 10 02.4	00 34.14 +12 15.0 19.4	-0.80	- 7.6	2.6/05.5	62345
2002 EP ₉₃	2009 10 02.4	00 34.14 +11 53.1 20.9	-0.90	- 2.4	2.4/05.0	62344
2006 BD ₉₅	2009 10 02.4	00 34.16 +10 28.4 19.9	-0.81	- 3.6	2.2/04.6	62009
2007 BM ₁₈	2009 10 02.4	00 34.18 +01 01.6 21.2	-0.81	- 4.5	0.7/01.6	62500
2005 WA ₂₇	2009 10 02.4	00 34.22 -04 01.4 20.5	-0.84	- 3.8	2.6/30.1	62460
2001 WD ₉	2009 10 02.4	00 34.22 -00 09.5 19.9	-0.78	- 7.2	1.6/01.2	61843
2008 GV ₂₃	2009 10 02.4	00 34.23 -06 14.8 19.7	-1.03	- 2.6	4.1/29.7	62533
2005 UM ₃₆	2009 10 02.4	00 34.23 -00 44.7 20.5	-0.84	- 4.4	1.4/01.1	62443
2001 TT	2009 10 02.4	00 34.24 -36 37.5 19.2	-1.31	+ 1.8	12.7/19.3	62321
2002 AH ₅₆	2009 10 02.5	00 34.17 -08 24.5 19.9	-0.80	- 7.1	4.0/28.2	17987
2006 TJ ₃₇	2009 10 02.5	00 34.17 +05 11.1 20.7	-0.99	- 6.6	0.6/03.0	57091
2005 YM ₈	2009 10 02.5	00 34.19 -07 12.4 19.2	-1.04	+ 0.4	4.2/29.7	62467
2007 DT ₇₅	2009 10 02.5	00 34.21 +02 15.7 20.2	-0.79	- 4.5	0.4/02.0	62507
2004 RG ₂₂₃	2009 10 02.5	00 34.21 +05 23.7 19.6	-0.70	- 8.0	0.5/03.1	62400
2008 FC ₆₇	2009 10 02.5	00 34.22 +06 04.9 21.7	-0.88	- 7.3	0.8/03.3	46581

2005 YX ₁₄	2009 10 02.5	00 34.22 -13 42.7 20.8	-0.70	- 4.8	4.7/26.5	98034
2008 ER ₁₃₇	2009 10 02.5	00 34.22 -01 23.9 19.8	-0.99	- 4.1	2.1/01.0	39298
2007 EF ₂₁₃	2009 10 02.5	00 34.23 +07 55.9 20.1	-0.83	- 1.9	1.1/03.8	62516
2005 QY ₁₄₆	2009 10 02.5	00 34.28 -09 45.0 19.6	-0.88	- 5.9	5.3/28.1	40139
2008 FV ₁₀₆	2009 10 02.5	00 34.28 +00 25.3 20.6	-0.89	- 7.5	1.4/01.4	62531
2008 GO ₂₁	2009 10 02.5	00 34.30 -20 31.1 20.5	-0.95	- 1.9	7.5/25.3	40756
2009 SA ₁₁₅	2009 10 02.5	00 34.32 +08 47.0 20.3	-0.93	- 7.9	2.4/04.3	62216
2007 BW ₆₇	2009 10 02.5	00 34.32 -19 39.1 19.2	-0.73	- 6.2	7.1/24.0	62502
2008 DW ₄₆	2009 10 02.5	00 34.32 -02 20.9 20.9	-0.97	- 7.2	2.3/30.6	62525
2005 UF ₅₄	2009 10 02.5	00 34.34 +07 25.6 19.1	-0.75	- 9.9	1.4/03.9	62444
2005 WW ₅	2009 10 02.5	00 34.35 -25 56.1 17.9	-0.82	+ 0.4	13.8/22.9	62459
2003 FY ₂₉	2009 10 02.5	00 34.36 -06 44.3 21.1	-0.81	- 6.5	3.2/29.0	62370
1999 XY ₇₇	2009 10 02.5	00 34.37 +01 04.9 18.3	-0.68	- 3.4	1.2/01.7	62300
2003 YA ₈₂	2009 10 02.5	00 34.40 +13 54.1 19.0	-1.03	- 4.6	4.5/05.7	62381
2002 XT ₁₇	2009 10 02.5	00 34.40 +04 23.7 19.8	-0.92	- 6.1	0.3/02.8	19586
2004 DE ₅₁	2009 10 02.5	00 34.44 -05 32.9 20.2	-0.89	- 8.2	3.5/29.4	62386
2007 HE ₁₃	2009 10 02.5	00 34.44 -01 56.8 20.7	-0.76	- 4.3	1.5/30.7	62520
2003 MZ ₁₂	2009 10 02.5	00 34.49 -32 15.5 17.7	-0.65	- 6.4	13.4/15.5	62372
2005 UA ₁₉	2009 10 02.5	00 34.54 -02 19.8 20.2	-0.86	- 4.8	2.2/30.6	62443
2005 UF ₄₈₄	2009 10 02.5	00 34.54 -02 20.9 19.4	-0.80	- 7.3	2.5/30.5	62455
2007 CL ₅₆	2009 10 02.5	00 34.54 -03 23.8 20.5	-0.78	- 8.3	2.3/30.0	19699
2007 BH ₄₈	2009 10 02.5	00 34.56 -03 25.2 20.4	-0.85	- 5.0	2.5/30.3	62501
2002 CU ₂₆₉	2009 10 02.5	00 34.57 -09 26.0 20.4	-0.46	- 4.0	2.3/27.7	30693
2001 XS ₁₂₂	2009 10 02.5	00 34.57 +30 31.1 20.1	-0.83	- 9.3	9.0/13.4	00099
2009 QT ₄₇	2009 10 02.5	00 34.59 +01 31.5 19.0	-0.86	- 3.5	0.8/01.9	62169
2003 SW ₁₇₉	2009 10 02.6	00 34.55 +16 18.5 19.2	-0.98	+ 0.5	3.9/06.0	62376
2004 EV ₃₄	2009 10 02.6	00 34.56 -01 36.1 20.0	-0.93	- 5.6	1.9/30.9	62387
2005 MS	2009 10 02.6	00 34.58 +07 41.7 19.4	-0.91	- 6.4	1.7/03.9	62421
2007 EJ ₂₀₆	2009 10 02.6	00 34.59 +00 53.4 18.8	-1.02	- 2.8	1.3/01.8	62516
2004 TS ₁₅₆	2009 10 02.6	00 34.59 -02 18.4 20.7	-0.88	- 1.7	1.9/30.9	62407
2005 WA ₃	2009 10 02.6	00 34.59 -24 53.3 18.9	-0.85	+ 1.8	14.0/23.5	61985
2002 PM ₄	2009 10 02.6	00 34.59 -36 59.6 19.0	-0.63	-13.3	17.4/15.0	61851
2005 NN ₈₆	2009 10 02.6	00 34.62 +07 42.3 20.8	-0.97	- 6.6	1.4/03.9	62423
2002 FH ₁₆	2009 10 02.6	00 34.65 -06 25.0 20.3	-0.83	- 2.2	2.8/29.6	62345
2007 BY ₂₈	2009 10 02.6	00 34.68 +04 12.9 20.4	-0.84	- 6.2	0.2/02.8	18189
2001 WS ₅₇	2009 10 02.6	00 34.68 +09 37.4 19.8	-0.76	- 6.1	2.8/04.7	62329
2008 FV ₅₂	2009 10 02.6	00 34.72 +00 59.6 20.8	-0.84	- 7.6	1.0/01.7	41555
2007 DX ₄₈	2009 10 02.6	00 34.76 +01 48.9 19.5	-0.79	- 6.8	0.7/02.0	62506
2008 DY ₄	2009 10 02.6	00 34.78 +24 17.3 19.1	-1.74	+ 7.7	10.7/06.1	62072
2003 BO ₂₁	2009 10 02.6	00 34.84 -37 49.9 20.6	-0.94	- 9.4	19.2/15.0	61875
2005 WX ₁₂₀	2009 10 02.6	00 34.85 -02 56.8 18.1	-0.79	- 4.5	2.9/30.5	62463
2008 HG ₂₆	2009 10 02.6	00 34.85 -04 00.0 21.4	-0.89	- 6.5	2.5/30.1	41647
2000 DR ₈₅	2009 10 02.6	00 34.85 -02 38.2 20.7	-0.95	- 5.5	2.1/30.7	62303
2002 NN ₆₅	2009 10 02.6	00 34.87 +02 20.5 19.7	-1.02	- 2.3	0.7/02.3	61850
2007 CT ₄₂	2009 10 02.6	00 34.89 +03 18.4 21.8	-0.88	- 5.9	0.2/02.5	21666
2005 QO ₃	2009 10 02.6	00 34.89 +05 03.9 19.7	-0.95	- 5.2	0.5/03.1	62425
2006 BG ₃₁	2009 10 02.6	00 34.90 +14 46.6 20.1	-0.80	- 3.3	3.2/06.2	62476
2005 WE ₂₁₁	2009 10 02.6	00 34.91 +09 15.6 19.5	-0.77	- 4.4	1.7/04.5	62465
2000 EQ ₄	2009 10 02.6	00 34.92 +04 47.4 20.8	-0.96	- 5.7	0.4/03.0	14597
2005 SC ₄₅	2009 10 02.6	00 34.93 +10 58.6 20.6	-0.78	-11.0	2.5/05.4	62432
2001 SR ₇₂	2009 10 02.6	00 34.95 -17 05.1 18.6	-0.94	- 1.6	8.6/26.3	62318

2000 DA ₇₇	2009 10 02.7	00 34.90 -03 46.2 19.0	-0.82 -11.0	2.8/29.9	62303
2001 HF ₆₈	2009 10 02.7	00 34.90 -31 14.3 21.5	-0.80 - 1.9	7.5/20.2	62314
2008 FZ ₁₀₀	2009 10 02.7	00 34.93 -10 21.6 20.9	-0.94 - 3.0	5.1/28.5	40206
2005 QT ₅₃	2009 10 02.7	00 34.94 +04 54.9 19.1	-0.89 - 4.4	0.5/03.1	61926
2007 EE ₁₃₈	2009 10 02.7	00 34.97 +07 51.6 19.3	-0.91 - 6.2	1.7/04.0	62514
2005 UG ₄₆₀	2009 10 02.7	00 34.97 +13 18.5 20.8	-0.89 - 6.7	3.6/05.9	97954
2003 CN ₅	2009 10 02.7	00 34.98 -00 51.1 20.0	-0.91 - 4.5	1.5/01.3	62368
2005 MJ ₄	2009 10 02.7	00 35.00 +06 22.3 19.5	-0.90 - 5.6	1.2/03.6	62421
2008 HM ₆₀	2009 10 02.7	00 35.02 -26 54.6 19.0	-0.88 - 0.2	10.8/23.3	59811
2001 VA ₉₇	2009 10 02.7	00 35.02 -09 53.5 20.2	-0.82 - 8.7	4.3/27.7	21770
2009 PB	2009 10 02.7	00 35.02 +20 45.0 16.6	-0.27 - 9.5	9.3/11.0	62548
1999 YR ₇	2009 10 02.7	00 35.02 -10 16.7 19.9	-0.96 - 5.0	5.4/28.3	58399
2004 RX ₂₅₆	2009 10 02.7	00 35.04 -02 09.8 19.3	-0.77 - 6.2	2.2/30.7	62401
2004 HN ₂₈	2009 10 02.7	00 35.04 -07 25.0 20.0	-0.91 - 5.1	3.7/29.2	12879
2008 JT ₃₄	2009 10 02.7	00 35.06 -06 26.0 19.4	-0.70 - 9.0	3.9/28.9	62539
2003 ED ₃₆	2009 10 02.7	00 35.06 -01 31.8 20.7	-0.83 - 5.4	1.6/01.0	62369
2002 GN ₆₀	2009 10 02.7	00 35.08 +08 50.4 19.4	-0.69 - 7.9	1.5/04.6	61847
2009 RA ₃₉	2009 10 02.7	00 35.08 +13 43.7 20.4	-0.89 - 8.4	3.8/06.3	62192
2003 QX ₇₂	2009 10 02.7	00 35.09 +35 27.8 19.7	-1.06 + 0.5	9.7/13.0	62374
2005 VU ₉	2009 10 02.7	00 35.10 +10 31.4 19.1	-0.80 - 4.8	3.1/05.0	61980
2004 TK ₃₇	2009 10 02.7	00 35.11 -01 03.6 20.0	-0.86 - 2.2	1.5/01.3	62404
2008 EQ ₁₁₁	2009 10 02.7	00 35.11 -03 00.3 20.7	-0.96 - 5.2	2.6/30.7	51068
2007 BZ ₅₂	2009 10 02.7	00 35.11 +13 12.1 20.7	-0.92 - 3.7	3.1/05.7	62501
2009 SR ₁₁₁	2009 10 02.7	00 35.15 +10 40.2 19.5	-0.89 - 7.4	2.5/05.1	62215
2005 UG ₂₃₅	2009 10 02.7	00 35.15 -06 14.0 20.3	-0.84 - 4.5	3.4/29.6	62450
2004 RP ₂₂₅	2009 10 02.7	00 35.17 -00 19.5 19.6	-0.81 - 4.4	1.4/01.5	62400
2004 SH ₄₈	2009 10 02.7	00 35.17 +13 46.8 17.9	-0.71 - 4.8	4.2/06.2	61900
2000 AO ₂₀₆	2009 10 02.7	00 35.20 +03 36.1 20.7	-0.77 - 4.9	0.1/02.7	62301
2002 AS ₁₉₆	2009 10 02.7	00 35.23 +10 09.6 20.2	-0.83 - 5.7	2.2/04.9	62338
2005 UK ₁₅₃	2009 10 02.7	00 35.24 +13 35.3 20.5	-0.83 - 7.6	3.3/06.3	62447
2000 AP ₁₉₄	2009 10 02.7	00 35.25 -27 12.5 19.9	-0.71 - 6.8	7.7/20.2	40664
2007 BV ₁	2009 10 02.7	00 35.26 -04 03.4 20.2	-0.92 - 7.4	3.0/30.2	62499
2008 JX ₁₄	2009 10 02.7	00 35.26 -06 11.2 20.4	-0.88 - 6.9	3.7/29.5	62538
2007 EF ₇₅	2009 10 02.7	00 35.29 +05 05.1 19.2	-0.69 - 8.1	0.4/03.3	62052
2001 FP ₁₆₀	2009 10 02.7	00 35.29 -20 43.8 20.1	-0.73 - 4.7	5.6/23.8	62313
2007 HB ₄₇	2009 10 02.8	00 35.26 -05 02.6 21.0	-0.69 - 4.9	2.3/29.8	62520
2005 UK ₄₇₈	2009 10 02.8	00 35.33 +01 05.5 18.4	-0.65 -13.2	1.1/01.7	62455
2004 PP ₁₀₅	2009 10 02.8	00 35.41 +05 19.0 18.2	-0.48 -17.7	0.6/03.5	61894
2006 AF ₉₂	2009 10 02.8	00 35.44 +13 54.6 20.5	-0.80 - 3.7	3.2/06.1	98088
2005 UN ₆₄	2009 10 02.8	00 35.44 -03 38.7 19.1	-0.55 -10.0	3.6/29.8	62445
2005 WP ₁₄₀	2009 10 02.8	00 35.46 +19 30.3 20.5	-0.89 - 4.7	5.8/07.9	03809
1995 SO ₁₂	2009 10 02.8	00 35.49 +06 39.6 20.6	-0.87 - 3.6	1.0/03.7	61826
2002 RB ₂₅₀	2009 10 02.8	00 35.52 +13 02.3 20.6	-1.02 - 4.8	3.6/05.7	62355
2005 UE ₃₈₈	2009 10 02.8	00 35.52 +00 53.6 20.1	-0.83 - 6.0	1.0/01.9	62453
2005 YJ ₁₉₆	2009 10 02.8	00 35.53 +00 23.3 20.2	-0.81 - 4.4	1.2/01.8	62472
2005 WT ₁₁₁	2009 10 02.8	00 35.54 -13 35.6 19.8	-0.89 - 3.9	6.1/27.2	62463
2002 EG ₄₂	2009 10 02.8	00 35.55 -01 08.0 20.8	-0.82 - 8.5	1.6/01.1	19574
2007 DF ₄₂	2009 10 02.8	00 35.59 +06 09.6 19.2	-0.94 - 4.7	1.0/03.6	62506
2007 EM ₁₉₀	2009 10 02.8	00 35.60 +03 00.7 21.2	-0.70 - 7.2	0.2/02.6	20858
2002 XG ₄₃	2009 10 02.8	00 35.61 -09 10.4 19.8	-0.79 -10.0	5.8/27.9	62364
2008 HG ₆₁	2009 10 02.8	00 35.64 -08 03.0 19.3	-0.69 - 7.4	4.1/28.6	62538

2007 DA ₃₆	2009 10 02.8	00 35.64 +05 22.3 20.0	-0.86 - 4.9	0.5/03.4	62506
2008 DF ₃₄	2009 10 02.8	00 35.70 +02 36.6 19.7	-0.92 - 8.6	0.5/02.5	62525
2003 US ₃₂₅	2009 10 02.9	00 35.62 +10 15.3 19.8	-0.66 - 9.6	2.0/05.4	62379
2006 WJ ₈₆	2009 10 02.9	00 35.62 -06 49.7 19.7	-1.06 - 3.6	4.5/29.8	62494
2008 DV ₇₈	2009 10 02.9	00 35.63 -07 59.4 21.0	-0.97 - 5.2	4.0/29.2	41496
2005 XH ₁₁	2009 10 02.9	00 35.65 -17 52.8 19.9	-0.85 - 3.6	7.2/25.6	18163
2007 BH ₂₇	2009 10 02.9	00 35.69 +09 10.2 19.1	-0.92 - 3.2	2.6/04.5	62500
2004 RR ₂₈₅	2009 10 02.9	00 35.72 +01 37.1 20.4	-0.81 - 4.4	0.7/02.2	62401
2006 VQ ₆₈	2009 10 02.9	00 35.72 -09 54.7 20.1	-1.02 - 3.7	5.3/28.8	40168
2002 TU ₉₀	2009 10 02.9	00 35.73 +12 51.8 18.2	-0.68 -12.6	4.2/06.6	62358
2003 FF ₃₉	2009 10 02.9	00 35.73 +05 14.5 20.3	-0.47 - 3.7	0.2/03.4	62370
2004 CH ₁₁₃	2009 10 02.9	00 35.76 -09 25.2 18.6	-0.95 - 6.0	5.9/28.6	62385
2005 VS ₆	2009 10 02.9	00 35.77 +12 15.6 20.4	-0.87 - 4.7	3.1/05.6	62456
2004 TJ ₁₁₀	2009 10 02.9	00 35.78 -15 40.5 19.6	-0.94 - 0.1	5.7/27.4	62406
2004 RW ₉₉	2009 10 02.9	00 35.81 +14 47.1 19.4	-0.87 - 3.0	4.2/06.4	61896
2000 DQ ₉₉	2009 10 02.9	00 35.82 -03 59.3 19.8	-0.94 - 6.0	2.7/30.4	62303
2006 WW ₂₂	2009 10 02.9	00 35.83 -37 16.5 21.0	-1.21 - 0.3	14.4/18.2	22859
2003 FU ₈₅	2009 10 02.9	00 35.84 +07 20.6 19.8	-0.91 - 2.7	1.1/04.0	62370
2002 CV ₂₀₇	2009 10 02.9	00 35.84 +17 23.9 19.4	-0.95 - 1.9	4.1/07.0	62341
2004 PM ₆₅	2009 10 02.9	00 35.87 +14 20.0 18.8	-0.89 - 2.1	4.3/06.2	61893
2004 DR ₅₀	2009 10 02.9	00 35.89 -00 39.7 20.6	-0.95 - 7.3	1.7/01.5	59722
2005 VX ₉₈	2009 10 02.9	00 35.94 +26 20.1 19.4	-0.91 - 4.3	7.6/10.7	62458
2006 YL ₁₇	2009 10 02.9	00 35.97 -01 10.9 20.1	-0.92 - 6.2	1.9/01.3	62498
2008 HE ₃₉	2009 10 02.9	00 35.98 +05 50.5 21.1	-0.92 - 6.5	0.7/03.6	62537
2001 XR ₁₆₂	2009 10 02.9	00 35.98 +07 57.0 19.0	-0.76 - 6.3	1.9/04.4	62333
1999 RP ₁₇₈	2009 10 02.9	00 35.99 -06 58.4 18.5	-0.73 - 8.6	5.4/29.0	62297
2008 GR ₉₄	2009 10 02.9	00 35.99 -03 45.4 19.6	-0.89 - 8.4	3.0/30.4	62534
2007 GA ₅₃	2009 10 02.9	00 36.01 +06 32.5 20.2	-0.69 - 7.0	0.8/03.9	62519
2001 UP ₉₁	2009 10 02.9	00 36.01 +02 51.9 19.6	-0.87 - 5.2	0.4/02.7	62325
1999 VW ₁₁₈	2009 10 03.0	00 35.98 -06 28.0 19.8	-0.95 - 0.2	3.6/30.2	62299
2005 UA ₃₈₉	2009 10 03.0	00 35.98 +00 34.3 20.2	-0.96 - 3.4	1.2/02.0	62453
2004 XV ₁₃	2009 10 03.0	00 36.00 -26 21.9 18.2	-0.87 - 1.1	10.2/22.5	20813
2005 TT	2009 10 03.0	00 36.03 -12 13.2 17.6	-1.91 +18.9	8.6/02.4	61943
2001 DU ₉₀	2009 10 03.0	00 36.17 +09 01.8 19.8	-1.05 - 4.4	1.8/05.0	62312
2003 EY ₅₆	2009 10 03.0	00 36.18 -23 52.0 19.5	-0.92 - 3.9	9.4/23.4	18046
2007 XO ₄₂	2009 10 03.0	00 36.18 -33 40.8 20.2	-0.97 -11.0	15.3/16.2	38135
2005 VL ₄₈	2009 10 03.0	00 36.19 -05 34.2 20.4	-0.80 - 6.8	3.5/29.8	41222
2000 UO ₉₂	2009 10 03.0	00 36.21 +00 53.6 19.1	-1.04 + 0.1	1.1/02.3	62309
2005 SO ₆₉	2009 10 03.0	00 36.22 +02 12.7 19.7	-0.88 - 5.4	0.6/02.5	62433
2000 SD ₂₃₁	2009 10 03.0	00 36.26 +22 03.9 18.6	-0.76 - 9.2	6.6/10.2	62308
2002 EJ ₁	2009 10 03.0	00 36.27 -03 47.2 20.4	-0.46 - 3.8	1.3/30.3	62343
2004 JQ ₃₄	2009 10 03.0	00 36.30 -24 02.6 20.8	-1.00 - 1.5	9.0/24.7	40685
2009 RD ₁₀	2009 10 03.0	00 36.30 +05 33.6 20.2	-1.04 - 5.5	0.7/03.6	62178
2001 VB ₁₃	2009 10 03.0	00 36.32 -01 15.0 18.5	-0.90 - 2.9	2.3/01.5	62326
2007 EA ₁₉₁	2009 10 03.0	00 36.33 +03 39.6 19.8	-0.69 - 7.7	0.1/03.0	62059
2001 YQ ₁₈	2009 10 03.0	00 36.33 -24 53.4 20.2	-0.84 - 4.2	8.1/22.8	22692
2002 JN ₇₃	2009 10 03.0	00 36.33 -07 32.0 20.9	-0.71 - 4.9	2.9/29.2	40105
2002 BK ₃₁	2009 10 03.0	00 36.35 -05 12.8 20.2	-0.77 - 7.7	2.9/29.8	62339
2002 CO ₁₂	2009 10 03.0	00 36.40 -36 48.1 19.1	-0.70 -17.2	15.8/15.0	97558
2001 XU ₁₉₈	2009 10 03.0	00 36.41 -05 08.5 19.8	-0.81 - 6.5	3.0/30.0	62333
2006 XZ ₃₄	2009 10 03.0	00 36.44 +03 59.7 18.1	-1.21 + 1.8	0.0/03.1	62496

2006 YJ ₃₅	2009 10 03.1	00 36.34 +09 22.9 19.3	-0.92	- 2.4	2.8/04.7	62498
2009 SB ₇₉	2009 10 03.1	00 36.34 +11 39.9 20.4	-0.95	- 4.9	2.7/05.5	62212
2005 UT ₂₄₄	2009 10 03.1	00 36.37 +01 49.1 19.7	-0.91	- 2.7	0.8/02.5	62450
2004 LZ ₂₀	2009 10 03.1	00 36.41 -05 53.4 19.5	-0.74	- 9.4	3.9/29.5	62393
2002 AJ ₁₀₅	2009 10 03.1	00 36.45 +15 59.8 20.5	-0.92	- 4.3	4.2/06.9	94506
2001 VD ₁₁₃	2009 10 03.1	00 36.46 +22 58.4 19.3	-0.87	- 6.4	6.9/09.8	62328
2002 XE ₅₁	2009 10 03.1	00 36.47 +06 58.9 19.6	-0.90	- 6.5	1.4/04.1	61875
2008 GX ₁₁₂	2009 10 03.1	00 36.50 -22 39.1 19.5	-0.88	- 3.5	10.1/24.4	62535
2005 WO ₁₅₆	2009 10 03.1	00 36.54 +09 26.7 19.6	-0.74	- 9.4	1.9/05.2	62464
2004 FJ ₁₇	2009 10 03.1	00 36.56 -03 29.3 21.3	-0.86	- 8.3	2.3/30.6	62539
2006 BD ₁₅₆	2009 10 03.1	00 36.57 -00 46.2 19.8	-0.74	- 4.9	1.5/01.6	62478
2008 HY ₅₄	2009 10 03.1	00 36.61 -03 16.1 22.3	-0.99	- 6.2	2.6/30.9	43301
2005 UE ₁₉₃	2009 10 03.1	00 36.63 +03 47.0 20.6	-0.85	- 6.6	0.1/03.1	22800
2008 FK ₁₂₄	2009 10 03.1	00 36.63 +10 14.7 18.7	-0.71	- 9.6	2.6/05.6	62532
2002 GQ ₁₈₁	2009 10 03.1	00 36.64 +04 09.9 20.4	-0.76	- 4.5	0.1/03.2	62347
2008 FH ₁₁₃	2009 10 03.1	00 36.65 -03 56.2 20.0	-1.00	- 2.3	3.2/31.0	62532
2005 PN ₂₃	2009 10 03.1	00 36.66 +00 13.9 19.6	-0.89	- 7.5	1.4/01.9	62425
2005 VH ₁₀₃	2009 10 03.1	00 36.70 -20 49.4 19.7	-1.00	- 1.8	8.3/25.3	60850
2007 BV ₄₃	2009 10 03.1	00 36.71 +10 45.9 20.2	-0.88	- 4.4	2.2/05.3	62501
2003 FN ₂₂	2009 10 03.1	00 36.73 -04 00.7 20.1	-0.79	- 6.9	2.8/30.4	62369
2007 ED ₇₄	2009 10 03.1	00 36.73 +08 22.8 19.7	-0.91	- 1.8	1.4/04.5	62512
2007 DX ₁₅	2009 10 03.1	00 36.75 +09 49.2 21.5	-0.97	- 2.5	1.9/04.9	19701
2008 GK ₁₃₇	2009 10 03.1	00 36.76 +07 38.6 20.6	-0.89	- 8.2	1.3/04.5	62536
2008 DP ₃₁	2009 10 03.1	00 36.77 +02 30.0 20.8	-1.03	- 4.4	0.5/02.8	55479
2005 TH ₁₃₀	2009 10 03.2	00 36.73 +05 17.3 20.2	-0.75	- 8.1	0.6/03.7	56031
2004 VR ₃₉	2009 10 03.2	00 36.74 +06 35.9 19.9	-0.72	- 5.8	0.8/04.1	61911
2008 FD ₁₂₇	2009 10 03.2	00 36.74 +07 31.5 20.9	-0.74	- 9.7	1.2/04.5	62087
2009 RO ₃₉	2009 10 03.2	00 36.76 +14 31.1 18.8	-0.95	- 6.3	5.2/06.8	62192
2000 AE ₁₅₁	2009 10 03.2	00 36.76 +10 13.0 20.1	-0.78	- 4.4	1.8/05.0	62301
2001 TH ₁₀₄	2009 10 03.2	00 36.79 +14 33.1 18.8	-0.71	-12.2	4.2/07.4	62322
2005 TW ₅₀	2009 10 03.2	00 36.80 +08 30.3 20.0	-0.88	- 5.1	1.6/04.7	62439
2008 GT ₁₁₉	2009 10 03.2	00 36.81 -16 31.5 20.2	-1.02	- 0.6	7.3/27.6	40763
2005 UV ₃₀₉	2009 10 03.2	00 36.81 -13 58.1 20.4	-0.93	- 1.5	5.9/28.1	40152
2002 AW ₁₈₅	2009 10 03.2	00 36.84 +02 25.6 21.2	-0.90	- 4.5	0.5/02.8	94541
2005 ON ₁₂	2009 10 03.2	00 36.86 +01 51.9 19.5	-0.94	- 4.8	0.9/02.6	62424
2008 KQ ₁₄	2009 10 03.2	00 36.87 -27 38.9 19.9	-0.81	- 2.1	10.0/22.6	62540
2002 RX ₁₉₆	2009 10 03.2	00 36.88 -09 30.3 18.9	-1.01	- 1.5	6.3/29.4	40107
2008 HL ₃₂	2009 10 03.2	00 36.90 -07 51.5 20.5	-0.85	- 3.2	4.2/29.6	56130
2008 JX ₃₄	2009 10 03.2	00 36.91 -14 49.2 20.9	-0.70	- 8.8	5.6/26.2	40617
2006 BO ₁₉₈	2009 10 03.2	00 36.93 +11 06.6 20.4	-0.85	- 2.2	2.3/05.4	62010
2005 UJ ₁₇₆	2009 10 03.2	00 36.95 +11 06.0 19.3	-0.69	- 7.0	3.4/05.8	61967
2005 UD ₁₆₂	2009 10 03.2	00 36.97 -05 06.4 19.6	-0.82	- 6.7	3.1/30.2	62448
2007 DX ₄₁	2009 10 03.2	00 36.98 -11 01.8 20.6	-0.81	- 7.6	4.8/27.9	59788
2006 DE ₁₅	2009 10 03.2	00 36.99 -01 27.3 20.5	-0.74	- 4.6	1.6/01.5	62480
2008 KB ₃₃	2009 10 03.2	00 37.01 +01 57.1 20.4	-0.82	- 7.7	0.7/02.6	62540
2007 ER ₈₀	2009 10 03.2	00 37.02 +05 34.3 19.6	-0.90	- 6.7	0.6/03.8	62512
2002 UF ₃₃	2009 10 03.2	00 37.02 +03 34.6 19.0	-1.04	- 2.4	0.2/03.2	62360
2002 CE ₂₀₁	2009 10 03.2	00 37.04 -06 35.5 19.9	-0.48	- 3.9	1.9/29.4	62341
2008 LH ₃	2009 10 03.2	00 37.09 -03 11.9 20.5	-0.73	- 9.9	2.5/30.6	62098
2007 CJ ₇	2009 10 03.2	00 37.11 +00 57.2 21.3	-0.94	- 5.7	1.1/02.3	18194
1999 VS ₉₉	2009 10 03.2	00 37.11 +20 48.3 18.7	-0.63	-11.7	6.4/10.4	62299

2004 DR ₅₁	2009 10 03.2	00 37.13 +05 57.2 19.4	-1.06	- 2.7	0.8/03.8	62386
2001 FF ₁₂₆	2009 10 03.3	00 37.09 -01 33.2 19.5	-0.92	0.0	1.8/01.8	62313
2006 HW ₆	2009 10 03.3	00 37.09 -06 51.3 19.8	-0.58	- 4.4	2.4/29.5	62483
2006 FJ ₃₉	2009 10 03.3	00 37.10 +05 09.3 20.8	-0.71	- 5.5	0.3/03.7	55221
2007 GV ₂₂	2009 10 03.3	00 37.14 +10 14.5 20.0	-0.68	- 7.2	1.8/05.6	62062
2006 WZ ₁₂₈	2009 10 03.3	00 37.15 +04 09.2 18.5	-0.90	- 3.6	0.1/03.4	62495
2004 WB ₇	2009 10 03.3	00 37.16 -01 23.3 20.0	-0.83	- 2.3	1.6/01.7	62413
2007 EE ₅₄	2009 10 03.3	00 37.18 +02 48.5 20.9	-0.74	- 5.4	0.3/02.9	20853
2005 SO ₁₄₃	2009 10 03.3	00 37.19 -00 29.6 20.0	-0.80	- 8.6	1.6/01.7	62435
2005 TA ₂₄	2009 10 03.3	00 37.21 -18 18.5 19.5	-0.86	- 3.9	8.8/25.8	62439
2004 FB ₂₃	2009 10 03.3	00 37.22 +05 19.2 19.4	-1.00	- 3.4	0.5/03.7	62388
2005 UV ₂₂₇	2009 10 03.3	00 37.22 -04 16.2 21.5	-0.86	- 3.9	2.6/30.7	96221
2007 BO ₄₂	2009 10 03.3	00 37.23 +02 16.5 20.1	-0.91	- 6.8	0.6/02.8	62501
2001 UR ₂₂₂	2009 10 03.3	00 37.24 -02 29.2 19.6	-0.90	- 2.9	2.8/01.4	62326
1999 VE ₂₂₂	2009 10 03.3	00 37.25 +14 13.9 19.2	-0.73	- 8.0	3.3/07.1	62300
2004 NQ	2009 10 03.3	00 37.26 +16 58.9 19.7	-0.83	- 7.2	4.5/08.0	62394
2005 NQ ₅₀	2009 10 03.3	00 37.27 +14 32.6 20.4	-0.96	- 5.8	4.2/06.7	61921
1995 CJ ₁₀	2009 10 03.3	00 37.28 +11 45.4 19.8	-0.99	- 2.8	2.4/05.6	61826
2007 BY ₃₁	2009 10 03.3	00 37.29 +05 46.0 20.6	-0.95	- 5.1	0.6/03.9	62500
2002 NH ₉	2009 10 03.3	00 37.30 -25 16.4 19.8	-0.78	- 2.7	7.9/23.4	18015
2007 EW ₁₇₀	2009 10 03.3	00 37.36 +05 59.9 20.3	-0.90	- 3.5	0.7/04.0	62515
2003 SY ₁₁₂	2009 10 03.3	00 37.38 +11 36.3 20.7	-0.69	- 9.5	2.4/06.3	62376
2001 YZ ₇₁	2009 10 03.3	00 37.38 +21 46.8 20.5	-0.86	- 4.1	4.6/09.2	20756
2007 CS ₁₅	2009 10 03.3	00 37.39 +06 03.0 20.2	-1.00	- 3.3	0.8/04.0	62502
2004 XY ₃₅	2009 10 03.3	00 37.41 +16 54.2 19.7	-0.73	- 5.2	3.7/07.9	62414
2005 QS ₁	2009 10 03.3	00 37.43 +14 07.9 20.7	-1.01	- 5.4	3.5/06.6	62425
2005 WG ₁₉₇	2009 10 03.3	00 37.46 +24 45.2 20.6	-0.75	- 4.3	5.0/10.7	42785
2004 RH ₁₂₂	2009 10 03.3	00 37.46 +02 35.3 20.3	-0.83	- 4.3	0.5/02.9	62398
2000 SR ₁₉₄	2009 10 03.3	00 37.47 +03 08.5 19.3	-0.90	- 3.2	0.3/03.1	62308
2002 GK ₁₂₃	2009 10 03.3	00 37.49 +03 27.1 21.6	-0.74	- 4.9	0.2/03.2	25850
2007 AB ₁₀	2009 10 03.3	00 37.50 +06 19.3 20.7	-0.91	- 5.6	0.8/04.1	62499
2005 XF ₂₂	2009 10 03.3	00 37.50 +15 57.2 19.3	-0.82	- 7.4	4.7/07.7	62465
2009 RZ ₁₈	2009 10 03.3	00 37.51 +14 42.4 19.5	-0.90	- 6.5	4.0/07.0	62184
2004 GP ₄₉	2009 10 03.4	00 37.47 +08 38.8 21.0	-0.88	- 8.5	1.8/05.0	61890
2004 GU ₃₁	2009 10 03.4	00 37.47 +04 08.6 20.5	-0.91	- 6.3	0.0/03.4	16268
2008 GD ₇₂	2009 10 03.4	00 37.47 +04 56.4 20.9	-0.94	- 6.1	0.3/03.7	41922
2002 GL ₅₉	2009 10 03.4	00 37.47 +17 38.7 19.9	-0.90	- 3.5	4.3/07.6	62346
2008 EH ₁₄₀	2009 10 03.4	00 37.50 -01 31.0 19.6	-0.91	- 7.6	2.3/01.6	62528
2007 BM ₂₃	2009 10 03.4	00 37.51 +12 40.6 18.9	-0.90	- 3.4	4.2/06.1	62034
2005 UW ₃₃₇	2009 10 03.4	00 37.51 +07 05.4 21.0	-0.84	- 7.6	1.2/04.5	97940
2000 EE ₆₂	2009 10 03.4	00 37.53 +18 30.3 20.5	-1.32	+ 0.1	4.8/07.1	35762
2004 TW ₂₆₅	2009 10 03.4	00 37.53 -02 41.3 20.1	-0.83	- 2.4	2.0/01.4	62409
2007 HW ₁₁	2009 10 03.4	00 37.54 -02 49.2 21.3	-0.75	- 3.6	1.8/01.2	62520
2007 DC ₃₃	2009 10 03.4	00 37.55 -01 22.7 20.6	-0.74	- 5.4	1.6/01.6	62506
2004 TL ₂₉₅	2009 10 03.4	00 37.56 -04 32.1 19.3	-0.86	- 1.6	2.8/30.9	62409
2007 EO ₁₅₇	2009 10 03.4	00 37.59 +05 05.9 21.7	-0.88	- 4.5	0.3/03.8	41330
2001 VS ₄₀	2009 10 03.4	00 37.59 +11 03.7 18.7	-0.84	- 4.9	3.1/05.7	62327
2007 EA ₁₈₇	2009 10 03.4	00 37.62 -06 20.9 19.6	-0.79	- 6.3	3.7/29.9	62515
2007 BT ₁₃	2009 10 03.4	00 37.62 +17 55.1 20.4	-0.94	- 3.4	4.4/07.8	58563
2006 DN ₁₂₁	2009 10 03.4	00 37.68 +23 50.7 20.5	-0.99	0.0	5.1/09.0	01413
2009 RO ₄₁	2009 10 03.4	00 37.68 +12 57.7 20.2	-0.77	- 5.6	2.6/06.5	62193

2007 FR ₄₃	2009 10 03.4	00 37.70 +04 26.0 19.3	-0.76	- 4.8	0.1/03.6	62517
2003 BQ ₄₉	2009 10 03.4	00 37.71 -00 29.9 20.2	-0.94	- 5.2	1.7/02.0	19096
1999 VP ₁₄₅	2009 10 03.4	00 37.71 +09 23.1 18.7	-0.82	- 8.8	2.5/05.4	62300
2005 YF ₂₁₂	2009 10 03.4	00 37.72 +02 03.0 19.6	-0.76	- 8.5	0.7/02.7	62473
2007 DW ₁₀₅	2009 10 03.4	00 37.72 +04 42.8 21.3	-0.76	- 5.0	0.2/03.7	22879
2001 DD ₅₅	2009 10 03.4	00 37.77 +09 29.0 21.4	-0.80	- 3.8	1.6/05.2	62312
2008 GU ₇₃	2009 10 03.4	00 37.80 -05 33.8 22.0	-0.86	- 4.8	3.1/30.5	40211
2005 NH ₉₅	2009 10 03.4	00 37.82 +02 10.0 20.2	-0.94	- 6.6	0.7/02.9	62424
2005 ST ₂₈₁	2009 10 03.4	00 37.83 -01 16.0 19.8	-0.90	- 4.5	2.0/01.8	62438
2001 UG ₇₉	2009 10 03.4	00 37.84 +10 11.0 19.0	-0.69	-11.8	2.6/05.9	62324
2005 UN ₆₆	2009 10 03.4	00 37.85 -08 02.7 18.7	-0.84	- 1.0	6.0/29.9	61957
2007 HG ₄	2009 10 03.4	00 37.85 -06 50.1 19.7	-0.72	- 3.6	3.2/29.9	62519
2005 MT ₄₉	2009 10 03.4	00 37.86 +05 38.1 21.5	-0.96	- 6.2	0.6/04.0	57424
2004 FO ₃₀	2009 10 03.4	00 37.92 -44 12.8 20.8	-1.31	+ 3.3	14.5/20.8	39198
2007 EP ₇	2009 10 03.5	00 37.85 +02 54.3 20.2	-0.79	- 6.7	0.4/03.1	62509
2005 SJ ₄₉	2009 10 03.5	00 37.85 +05 22.8 20.3	-0.62	- 9.0	0.6/04.0	62432
2008 KU ₁	2009 10 03.5	00 37.85 +03 02.2 20.2	-0.81	- 8.0	0.4/03.2	62539
2005 HF ₂	2009 10 03.5	00 37.91 +07 53.7 19.7	-0.90	- 9.9	1.6/05.0	62419
2008 JS ₃₇	2009 10 03.5	00 37.93 +15 50.5 18.9	-1.12	- 0.2	4.5/06.7	62095
2003 MF ₄	2009 10 03.5	00 37.94 +26 08.9 20.0	-0.79	- 6.0	6.1/11.8	62372
2004 EL ₃₆	2009 10 03.5	00 38.01 +06 25.7 20.5	-0.93	- 6.1	0.8/04.3	62387
2007 BR ₂₁	2009 10 03.5	00 38.01 +04 42.6 21.0	-0.95	- 5.1	0.2/03.7	62500
2006 UB ₁₂₉	2009 10 03.5	00 38.02 -00 24.4 20.7	-1.08	- 3.6	1.7/02.3	62489
2000 EU ₁₇₀	2009 10 03.5	00 38.02 -05 34.1 19.5	-0.73	- 2.8	2.3/30.5	62304
2006 UH ₈₈	2009 10 03.5	00 38.04 +04 28.2 19.7	-1.05	- 4.6	0.2/03.7	62489
2007 HH ₁₂	2009 10 03.5	00 38.05 +13 39.4 20.2	-0.68	- 9.0	2.9/07.2	62064
2004 FO ₃₅	2009 10 03.5	00 38.12 +00 35.8 20.2	-0.96	- 6.4	1.3/02.5	62388
2005 VF ₆	2009 10 03.5	00 38.12 +06 32.4 18.6	-0.85	- 1.7	1.2/04.3	62456
2009 RR ₃₉	2009 10 03.5	00 38.15 +12 50.2 20.4	-0.90	- 7.9	3.2/06.6	62192
2004 FY ₁₂₃	2009 10 03.5	00 38.15 +00 19.4 20.6	-0.93	- 5.9	1.3/02.4	62390
2007 DL ₇₅	2009 10 03.5	00 38.17 +02 07.8 21.1	-0.72	- 4.9	0.5/02.9	62507
2005 SU ₂₈₇	2009 10 03.5	00 38.21 -10 43.0 20.8	-0.78	- 8.0	5.2/28.3	40145
2001 GV ₅	2009 10 03.5	00 38.22 +04 48.9 21.0	-0.94	- 6.8	0.2/03.8	62314
2005 US ₁₃₀	2009 10 03.5	00 38.22 +09 23.9 19.3	-0.73	- 6.3	2.4/05.4	61963
2003 YR ₄₁	2009 10 03.5	00 38.24 -11 56.3 19.8	-0.95	- 4.8	6.9/28.6	62381
2002 YD ₁₅	2009 10 03.6	00 38.16 -01 45.8 22.2	-0.86	- 5.4	1.8/01.7	22427
2005 UE ₅₄	2009 10 03.6	00 38.18 +00 48.9 19.0	-0.80	- 5.7	1.4/02.5	62444
2008 HL ₁₁	2009 10 03.6	00 38.19 -07 37.5 21.1	-0.89	- 6.8	4.3/29.7	40010
2002 CW ₁₁₆	2009 10 03.6	00 38.20 +14 48.6 20.4	-0.85	- 6.5	3.4/07.2	30662
2005 WX ₄₀	2009 10 03.6	00 38.21 -02 03.3 18.5	-0.62	-14.5	2.5/01.0	62461
2007 FW ₃₀	2009 10 03.6	00 38.21 +03 29.9 20.9	-0.69	- 7.2	0.2/03.4	41869
2003 JD ₆	2009 10 03.6	00 38.23 -02 57.6 20.1	-0.86	- 4.0	2.3/01.4	62372
2005 UO ₃₆₃	2009 10 03.6	00 38.23 +01 38.8 19.9	-0.80	- 6.5	1.0/02.8	62453
2001 VP ₁₂₁	2009 10 03.6	00 38.24 -03 43.1 19.1	-0.87	- 6.3	3.0/01.0	62328
2007 KQ ₂	2009 10 03.6	00 38.26 -04 26.3 21.8	-0.76	- 6.9	2.1/30.6	22891
2007 EW ₁₉₀	2009 10 03.6	00 38.29 +04 01.1 20.2	-0.83	- 2.6	0.0/03.6	62059
2005 UU ₁₅₈	2009 10 03.6	00 38.30 +04 56.1 19.4	-0.80	- 5.1	0.4/03.9	61965
2002 WK ₃	2009 10 03.6	00 38.31 +11 52.2 18.9	-0.94	- 3.2	3.7/06.0	62363
1995 UO ₁₂	2009 10 03.6	00 38.31 +02 11.3 19.6	-1.09	- 3.1	0.8/03.1	62292
2007 BA ₅₁	2009 10 03.6	00 38.34 -07 12.8 21.2	-0.95	- 6.2	4.4/29.9	57473
2006 DO	2009 10 03.6	00 38.34 +14 47.7 20.0	-0.72	- 6.5	3.1/07.4	20841

2005 UB ₁₀₅	2009 10 03.6	00 38.37 -01 04.3 20.5	-0.82	- 5.9	1.9/01.9	62446
2000 UT ₉₈	2009 10 03.6	00 38.38 +22 14.7 17.6	-0.70	- 9.0	7.4/10.9	62309
2005 YZ ₂₀₁	2009 10 03.6	00 38.39 -04 23.1 18.7	-0.75	- 5.0	3.0/30.8	62472
2008 EX ₁₉	2009 10 03.6	00 38.39 +06 24.9 20.7	-1.00	- 5.3	0.8/04.3	62526
2001 SB ₃₅₂	2009 10 03.6	00 38.40 -17 16.4 20.4	-0.91	- 3.4	6.8/26.8	22394
2009 SG ₉₉	2009 10 03.6	00 38.40 +03 58.4 19.1	-0.77	- 7.3	0.1/03.6	62213
2005 AP ₂₈	2009 10 03.6	00 38.42 -43 54.2 19.5	-0.94	- 6.7	21.3/15.0	62416
2009 RY ₇	2009 10 03.6	00 38.43 +06 59.6 20.6	-0.94	- 5.7	1.1/04.6	62176
2003 AU ₂₇	2009 10 03.6	00 38.44 +07 57.9 20.2	-0.87	- 5.9	1.2/04.9	62365
2004 XR ₆₂	2009 10 03.6	00 38.44 -01 40.4 19.2	-0.76	- 4.9	2.1/01.7	62414
2007 FG ₂₆	2009 10 03.6	00 38.44 +08 41.2 19.3	-0.93	- 2.5	1.7/05.0	62061
2006 YQ ₄	2009 10 03.6	00 38.50 +12 53.3 20.1	-0.97	- 6.4	3.4/06.5	62497
2005 UR ₄₈₅	2009 10 03.6	00 38.51 +06 51.1 19.6	-0.77	-10.0	1.0/04.7	61979
2001 UX ₂₁₅	2009 10 03.6	00 38.52 +00 19.9 20.2	-0.96	- 4.1	1.4/02.5	62326
2004 XB ₆₂	2009 10 03.6	00 38.53 +45 17.7 19.9	-0.94	- 2.8	11.9/20.3	38873
2003 FF ₆₇	2009 10 03.6	00 38.53 -03 49.9 20.9	-0.84	- 4.4	2.3/01.2	97645
2005 UE ₂₁₁	2009 10 03.6	00 38.54 +01 55.0 19.1	-0.81	- 5.4	0.9/03.0	62449
2009 RQ ₂₈	2009 10 03.6	00 38.57 +10 40.1 18.5	-0.79	- 7.6	3.1/06.0	62186
2003 FX ₁	2009 10 03.6	00 38.71 +29 23.3 18.3	-2.04	+14.1	11.8/06.0	62369
2003 FQ ₁₃₁	2009 10 03.7	00 38.52 -00 13.3 20.3	-0.77	- 8.7	1.3/02.1	62371
2007 BU ₄₄	2009 10 03.7	00 38.59 +10 59.3 20.1	-0.87	- 5.7	2.2/06.0	62501
2008 GL ₄₆	2009 10 03.7	00 38.60 -11 09.2 21.4	-0.87	- 3.4	5.0/29.0	40210
2005 LZ ₄₁	2009 10 03.7	00 38.61 -03 00.1 20.0	-0.98	- 5.0	3.1/01.6	61918
2007 ES ₁₃	2009 10 03.7	00 38.64 +07 32.6 21.0	-0.91	- 3.2	1.1/04.7	62510
2007 EA ₁₃₁	2009 10 03.7	00 38.64 +03 00.9 20.6	-0.78	- 5.8	0.4/03.3	19719
2005 WG ₈₀	2009 10 03.7	00 38.66 -00 18.8 19.3	-0.83	- 4.4	1.6/02.3	62462
2006 VA ₁₀₅	2009 10 03.7	00 38.68 -01 27.9 20.3	-1.00	- 4.3	1.9/02.1	62492
2009 RS ₄₁	2009 10 03.7	00 38.70 +12 07.5 19.1	-0.82	- 7.5	3.4/06.5	62193
2008 FB ₁₂₁	2009 10 03.7	00 38.76 -06 23.4 20.5	-1.01	- 3.4	4.2/30.7	62532
2006 AH ₁₉	2009 10 03.7	00 38.77 -26 46.2 20.1	-0.80	- 4.4	8.4/22.0	20834
2008 CW ₁₉₃	2009 10 03.7	00 38.80 -04 50.3 22.0	-0.92	- 6.6	3.0/30.9	58595
2008 HO ₅₅	2009 10 03.7	00 38.80 -35 11.4 17.2	-1.13	+ 8.6	17.6/23.7	60906
2006 DT ₄₅	2009 10 03.7	00 38.82 +04 48.3 21.0	-0.82	- 3.8	0.2/04.0	62481
2005 VO ₈₅	2009 10 03.7	00 38.85 +05 32.4 19.8	-0.81	- 8.6	10.4/25.0	62458
2006 BZ ₅₀	2009 10 03.7	00 38.85 +02 42.3 21.2	-0.75	- 4.5	0.4/03.3	03842
2005 AF ₃₁	2009 10 03.7	00 38.86 -40 06.1 19.3	-0.79	- 3.9	13.9/15.0	61916
2001 YS ₁₅₀	2009 10 03.7	00 38.86 -13 35.8 19.4	-0.91	- 1.2	7.7/28.5	62336
2002 FZ ₄₀	2009 10 03.7	00 38.87 -04 53.2 20.0	-0.68	-10.0	2.5/30.4	62345
2005 YV ₁₆₂	2009 10 03.7	00 38.90 +06 26.2 20.6	-0.82	- 6.0	0.8/04.5	62003
2007 FH ₂₇	2009 10 03.7	00 38.94 +05 39.1 20.0	-0.79	- 5.2	0.5/04.3	62517
1996 XW ₂₅	2009 10 03.7	00 39.00 -51 01.3 19.4	-1.42	+ 3.3	22.7/15.0	40082
2004 EM ₄₂	2009 10 03.8	00 38.92 -12 13.4 20.7	-0.90	- 5.5	5.3/28.5	40684
2004 SC ₂₉	2009 10 03.8	00 38.94 +03 56.7 18.5	-0.66	- 8.4	0.1/03.7	62402
2007 CR ₁₂	2009 10 03.8	00 38.95 +07 08.8 20.5	-0.96	- 5.1	1.1/04.7	62039
2004 EJ ₂₄	2009 10 03.8	00 38.97 -05 12.2 20.3	-0.93	- 5.0	3.1/30.9	62386
2005 YP ₁₈₆	2009 10 03.8	00 38.97 -22 19.2 20.2	-0.72	- 4.2	6.6/24.2	20832
2001 FK ₁₃₇	2009 10 03.8	00 38.98 -13 34.1 20.8	-0.80	- 2.1	4.5/28.2	10765
2008 GC ₁₀₃	2009 10 03.8	00 39.01 -10 55.4 19.7	-0.90	- 2.1	5.7/29.4	62535
2008 KU ₃₈	2009 10 03.8	00 39.01 -01 42.7 21.2	-0.92	- 5.5	2.0/02.0	62540
2007 EJ ₁₁₈	2009 10 03.8	00 39.01 +00 24.0 21.7	-0.70	- 4.5	1.0/02.6	41329
2009 RJ ₃₉	2009 10 03.8	00 39.02 +13 15.8 20.3	-0.76	- 9.5	3.9/07.2	62192

2005 SR ₁₈₉	2009 10 03.8	00 39.04 +04 30.8 19.2	-0.73	- 9.0	0.1/03.9	61940
2007 LB ₃	2009 10 03.8	00 39.07 +07 54.3 19.5	-0.70	- 7.1	1.1/05.0	62521
2006 WV ₁₄₇	2009 10 03.8	00 39.09 -01 32.2 20.2	-1.02	- 3.9	2.6/02.2	56085
2004 GB ₇₄	2009 10 03.8	00 39.10 -00 11.9 21.2	-0.92	- 5.6	1.5/02.5	12878
2008 GT ₁₀₂	2009 10 03.8	00 39.14 -06 41.3 19.7	-0.90	- 5.9	3.9/30.4	62535
2008 HY ₂₇	2009 10 03.8	00 39.18 +05 15.2 20.9	-0.94	- 5.9	0.4/04.2	62536
2005 UQ ₄₆₀	2009 10 03.8	00 39.20 -07 13.5 20.2	-0.90	- 2.6	3.8/30.4	22801
2005 WU ₃₇	2009 10 03.8	00 39.22 +08 46.7 19.6	-0.80	- 5.8	1.5/05.4	62460
2006 UQ ₁₂₇	2009 10 03.8	00 39.23 +05 17.7 20.3	-1.04	- 5.0	0.5/04.2	62489
2009 RC ₈	2009 10 03.8	00 39.27 +05 28.4 20.6	-0.91	- 7.1	0.5/04.3	62177
2008 GQ ₃₇	2009 10 03.8	00 39.27 -11 15.6 20.0	-0.96	- 1.6	5.6/29.5	62533
2005 UQ ₈₄	2009 10 03.8	00 39.30 +01 10.5 20.8	-0.87	- 4.7	1.1/02.9	62445
2007 HX ₄₉	2009 10 03.9	00 39.26 -36 50.3 21.6	-1.02	+ 1.3	10.3/20.4	26281
2004 JL ₁₂	2009 10 03.9	00 39.27 -13 55.5 20.7	-0.86	- 5.9	5.8/27.9	39202
2001 TB ₁₇₁	2009 10 03.9	00 39.29 +11 42.3 19.1	-0.85	- 7.8	2.5/06.5	62323
2002 VP ₅₇	2009 10 03.9	00 39.31 -06 26.4 18.3	-0.79	- 3.7	5.5/30.5	61871
2003 FY ₉₇	2009 10 03.9	00 39.32 +13 03.3 20.1	-0.97	- 2.4	2.7/06.5	62370
2005 YH ₉₉	2009 10 03.9	00 39.32 -04 25.8 20.5	-0.75	- 4.2	2.3/01.1	62470
2006 AV ₂₆	2009 10 03.9	00 39.36 +02 09.2 20.7	-0.75	- 4.4	0.6/03.2	62474
2006 VA ₃₅	2009 10 03.9	00 39.37 +08 04.8 20.1	-0.89	- 7.5	1.9/05.2	62022
2005 UK ₁₀₉	2009 10 03.9	00 39.39 +03 24.0 19.9	-0.89	- 3.5	0.3/03.7	61962
2007 HR ₄₇	2009 10 03.9	00 39.43 +03 22.2 18.9	-0.70	- 6.4	0.3/03.6	62520
2007 ES ₂₁₉	2009 10 03.9	00 39.43 +02 58.6 22.4	-0.69	- 5.2	0.3/03.5	40710
2005 SY ₈₈	2009 10 03.9	00 39.45 +07 35.8 20.1	-0.85	- 6.3	1.1/05.1	62433
2007 EC ₄₄	2009 10 03.9	00 39.48 +06 23.9 20.7	-0.76	- 4.7	0.6/04.7	62510
2004 VU ₃₃	2009 10 03.9	00 39.49 -18 20.8 20.9	-0.79	- 2.2	5.7/26.6	20811
2005 UL ₇₇	2009 10 03.9	00 39.50 +03 52.3 18.8	-0.73	-12.5	0.2/03.8	61958
2004 XL ₁₈	2009 10 03.9	00 39.50 +10 45.7 18.9	-0.75	- 5.3	2.0/06.2	62414
2005 UG ₄₂₃	2009 10 03.9	00 39.51 +07 11.2 20.7	-0.82	- 4.7	1.3/05.0	61977
1999 VX ₁₁₁	2009 10 03.9	00 39.53 -02 59.1 18.2	-0.79	- 2.7	3.0/01.7	62299
2009 SS ₁₁₅	2009 10 03.9	00 39.57 +08 40.2 20.5	-0.96	- 5.1	1.6/05.3	62216
2005 WP ₅₃	2009 10 03.9	00 39.57 -11 00.3 19.4	-0.85	- 1.2	7.0/29.4	34915
2003 EY ₂₂	2009 10 03.9	00 39.59 +07 04.4 20.4	-0.95	- 2.9	0.9/04.8	62369
2009 RV ₃₁	2009 10 03.9	00 39.64 +08 29.9 20.3	-0.92	- 4.7	1.6/05.3	62189
2001 VP ₅	2009 10 03.9	00 39.64 +14 54.9 18.5	-0.97	- 2.8	4.6/07.1	62326
2004 CA ₇₀	2009 10 03.9	00 39.70 -08 21.9 19.7	-0.96	- 4.4	4.8/30.1	40119
2005 UK ₄₇₂	2009 10 04.0	00 39.62 +01 09.4 19.8	-0.85	- 4.6	1.1/03.0	62455
2004 TG ₁₂₉	2009 10 04.0	00 39.63 -02 59.9 19.1	-0.71	- 7.8	2.4/01.4	62406
2009 SY ₂₆	2009 10 04.0	00 39.64 +06 10.1 19.1	-0.95	- 2.7	0.9/05.0	62204
2001 SC ₂₈₄	2009 10 04.0	00 39.65 +03 02.7 20.7	-0.62	- 4.6	0.3/03.6	61840
2008 HK ₆₂	2009 10 04.0	00 39.67 +10 42.9 19.9	-0.71	- 8.9	2.0/06.4	62094
2001 XZ ₁₂₄	2009 10 04.0	00 39.67 +16 47.8 19.4	-0.82	- 8.1	4.1/08.5	62332
2007 BP ₂₃	2009 10 04.0	00 39.67 -03 44.5 20.5	-0.85	- 5.7	2.7/01.4	16384
2003 FZ ₁₂₁	2009 10 04.0	00 39.68 +02 06.8 19.7	-0.77	-14.3	0.6/03.2	62371
2005 SO ₄₂	2009 10 04.0	00 39.70 +09 02.1 19.9	-0.83	- 5.1	2.2/05.6	62432
2003 SL ₅₈	2009 10 04.0	00 39.70 +29 00.8 19.7	-0.86	- 3.0	6.9/12.7	19605
2005 YS ₂₂₂	2009 10 04.0	00 39.70 +24 15.7 19.8	-0.87	- 4.8	6.2/10.8	56038
2002 GU ₆₇	2009 10 04.0	00 39.72 +03 09.7 21.9	-0.75	- 4.4	0.3/03.7	20765
2007 CQ ₅₀	2009 10 04.0	00 39.73 -06 35.2 19.9	-0.78	- 9.0	3.6/30.1	62504
2009 SR ₂₆	2009 10 04.0	00 39.73 +05 08.8 20.0	-0.80	- 7.1	0.3/04.3	62204
2002 NB ₅₂	2009 10 04.0	00 39.78 -00 47.6 20.0	-0.96	- 6.7	2.2/02.4	48869

1999 UE ₁₂	2009 10 04.0	00 39.79 -02 20.8 20.1	-1.09	- 3.1	2.8/02.2	62298
2004 RV ₁₄₃	2009 10 04.0	00 39.80 -05 20.9 18.6	-0.84	- 2.9	3.2/01.1	62398
2006 BK ₉₇	2009 10 04.0	00 39.81 +04 33.9 20.2	-0.78	- 4.2	0.1/04.1	02276
2008 CZ ₁₁₅	2009 10 04.0	00 39.82 -12 24.4 19.9	-0.95	- 5.7	7.0/28.7	59541
1999 VF ₁₈₁	2009 10 04.0	00 39.88 +06 24.2 19.3	-0.85	- 8.1	1.0/04.8	61832
2008 GO ₂₃	2009 10 04.0	00 39.88 -02 14.4 21.8	-0.95	- 4.8	2.3/02.1	56130
2005 YR ₁₀₃	2009 10 04.0	00 39.91 -01 44.9 19.6	-0.80	- 5.0	2.0/02.1	62470
2008 JS ₄₀	2009 10 04.0	00 39.91 +04 25.6 20.4	-0.90	- 7.6	0.0/04.1	62539
2001 TY ₁₂₈	2009 10 04.0	00 39.93 +04 56.1 20.0	-0.58	- 5.6	0.2/04.3	62322
2005 WZ ₄₆	2009 10 04.0	00 39.94 +09 49.7 20.3	-0.82	- 5.6	1.8/05.9	61989
2005 UG ₁₁₁	2009 10 04.0	00 39.97 +01 24.1 20.3	-0.88	- 3.7	1.0/03.2	61962
2005 WT ₁₆	2009 10 04.0	00 39.99 +06 04.4 19.6	-0.82	- 5.6	0.7/04.7	62459
2004 FE ₆₆	2009 10 04.0	00 39.99 +28 51.4 20.2	-1.30	- 0.2	8.4/11.0	08986
2005 SZ ₁₃₇	2009 10 04.0	00 40.00 +07 17.7 20.7	-0.99	- 4.8	1.1/05.0	62435
2002 AF ₁₇₆	2009 10 04.0	00 40.00 -03 31.9 19.4	-0.82	- 5.3	2.7/01.5	62338
2005 YX ₉₈	2009 10 04.0	00 40.01 +14 30.4 19.9	-0.90	- 4.2	3.4/07.2	62470
2008 JG ₃₇	2009 10 04.0	00 40.01 -07 48.4 19.9	-0.78	- 5.9	4.3/30.0	40618
2000 AU ₂₁₈	2009 10 04.0	00 40.03 -00 42.2 20.4	-0.77	- 4.7	1.7/02.5	62301
2004 PX ₆₃	2009 10 04.0	00 40.03 +10 00.7 19.6	-0.80	- 6.6	1.9/06.0	62395
2001 YF ₃₇	2009 10 04.0	00 40.03 -06 04.9 19.9	-0.93	- 4.2	4.4/30.8	62334
2009 RN ₃₇	2009 10 04.0	00 40.04 +04 31.9 19.6	-0.87	- 4.0	0.1/04.2	62192
2000 AP ₂₄₇	2009 10 04.0	00 40.12 +34 39.1 19.6	-1.56	+ 3.3	15.0/11.3	37916
2009 SP ₂₅	2009 10 04.1	00 40.00 +08 13.6 19.3	-0.84	- 1.7	1.9/05.0	62204
2002 KX ₁₅	2009 10 04.1	00 40.01 -18 24.7 22.3	-0.79	- 2.4	5.6/26.8	19581
2003 UZ ₂₇₆	2009 10 04.1	00 40.03 +22 06.8 19.4	-0.67	- 7.3	4.7/10.9	62379
2002 UD ₃₇	2009 10 04.1	00 40.05 +06 38.3 18.9	-0.93	- 3.6	1.1/04.8	62360
2003 SX ₂₈₃	2009 10 04.1	00 40.05 +16 48.3 18.9	-0.70	- 7.5	3.9/08.7	62377
2001 WM ₉₅	2009 10 04.1	00 40.06 +09 38.9 19.6	-0.83	- 6.7	2.2/05.9	62330
2005 QS ₁₅₁	2009 10 04.1	00 40.08 +09 05.1 19.8	-0.85	- 8.7	1.9/05.8	62429
2004 TO ₃₃₃	2009 10 04.1	00 40.10 +04 09.0 20.0	-0.77	- 5.3	0.1/04.1	61909
2005 JJ ₆₀	2009 10 04.1	00 40.12 -04 34.5 20.1	-0.49	- 3.3	1.6/31.0	62419
2007 CR ₁₄	2009 10 04.1	00 40.16 +20 10.4 20.6	-0.96	- 3.1	4.9/09.0	17695
2007 DA ₂₁	2009 10 04.1	00 40.16 -05 11.9 21.3	-0.80	- 7.3	2.9/30.8	22581
2001 WS ₈₇	2009 10 04.1	00 40.18 +13 38.0 19.6	-0.80	- 5.5	4.2/07.3	62330
2009 RX ₃₁	2009 10 04.1	00 40.19 +09 57.6 20.0	-0.92	- 4.1	2.1/05.9	62189
2006 DQ ₁₂₀	2009 10 04.1	00 40.19 -08 35.6 19.1	-0.88	- 0.7	3.7/30.5	60861
2005 UY ₁₇₆	2009 10 04.1	00 40.20 -11 55.3 18.8	-1.02	+ 0.4	6.2/29.9	62448
2006 DC ₁₂₁	2009 10 04.1	00 40.21 -15 53.8 20.0	-0.70	- 5.1	5.3/26.9	20842
2006 BA ₂₈₀	2009 10 04.1	00 40.21 -13 44.2 19.1	-0.67	- 6.9	6.3/27.4	62011
2004 BV ₁₄₃	2009 10 04.1	00 40.22 -00 48.5 21.4	-0.95	- 5.8	1.8/02.5	41138
2009 RD ₈	2009 10 04.1	00 40.26 +07 14.8 20.5	-0.89	- 2.6	1.0/05.0	62177
2005 WK ₉₀	2009 10 04.1	00 40.28 +23 55.6 19.5	-0.87	- 5.9	6.9/11.0	62462
2009 RF ₅₈	2009 10 04.1	00 40.29 +11 20.8 20.5	-0.73	- 6.3	2.2/06.6	62198
2002 AT ₁₁₀	2009 10 04.1	00 40.30 +13 51.1 19.9	-0.87	- 3.9	2.9/07.2	62337
2008 DC ₃₇	2009 10 04.1	00 40.31 +11 00.9 20.2	-1.00	- 3.4	2.5/06.2	62525
2004 TA ₃₄₁	2009 10 04.1	00 40.31 +11 18.4 19.6	-0.71	- 7.7	2.4/06.7	61909
2008 EW ₄₅	2009 10 04.1	00 40.32 +11 57.6 21.2	-0.93	- 7.5	2.6/06.7	56128
2004 VC ₁	2009 10 04.1	00 40.32 -09 48.4 19.0	-0.77	- 4.3	4.9/29.5	62411
2007 BO ₃₆	2009 10 04.1	00 40.35 +00 32.8 20.5	-0.93	- 4.7	1.3/03.0	62500
2006 BE ₁₂	2009 10 04.1	00 40.37 -00 14.6 20.2	-0.74	- 5.3	1.5/02.7	62476
2006 HU ₁₁₅	2009 10 04.1	00 40.38 +01 13.5 21.5	-0.60	- 3.4	0.7/03.1	01727

2005 QT ₁₁₀	2009 10 04.1	00 40.39 +10 27.3 19.3	-0.91 - 4.2	2.7/06.1	62428
2006 UJ ₁₉₇	2009 10 04.1	00 40.39 +08 47.0 20.9	-0.95 - 8.1	1.6/05.7	62490
2005 XU ₈	2009 10 04.1	00 40.41 +07 40.6 19.8	-0.87 - 3.2	1.5/05.2	61997
2003 QV ₃₄	2009 10 04.1	00 40.41 +19 00.2 19.6	-0.89 - 2.2	4.6/08.8	53749
2002 CO ₂₄₇	2009 10 04.1	00 40.42 +16 00.4 18.9	-1.17 + 1.1	4.7/06.9	62342
2005 WQ ₂₀₁	2009 10 04.2	00 40.34 +03 58.5 20.4	-0.85 - 4.4	0.1/04.1	62465
2005 UE ₁₈₀	2009 10 04.2	00 40.36 -00 53.9 19.4	-0.81 - 5.2	2.2/02.5	61967
2004 XN ₁₆₅	2009 10 04.2	00 40.40 +15 42.9 19.4	-0.73 - 5.4	3.2/08.2	62415
2008 FU ₁₅	2009 10 04.2	00 40.40 -03 58.1 20.4	-0.83 - 7.1	3.0/01.4	62529
2004 JB ₂₀	2009 10 04.2	00 40.43 -10 18.8 19.8	-1.02 - 0.9	5.5/30.3	62392
2004 TG ₂₈₃	2009 10 04.2	00 40.46 -04 07.5 19.7	-0.79 - 3.1	2.4/01.6	62409
2003 SZ ₂₃₈	2009 10 04.2	00 40.47 +11 07.8 19.2	-0.92 - 0.1	2.2/06.1	62377
2005 UD ₂₃₉	2009 10 04.2	00 40.49 -02 14.9 19.8	-0.80 - 6.5	2.5/02.0	62450
2008 JU ₃₄	2009 10 04.2	00 40.52 -01 14.5 19.9	-0.73 - 8.9	2.0/02.2	62539
2005 YU ₆₈	2009 10 04.2	00 40.53 +10 27.3 20.4	-0.76 - 4.2	1.7/06.3	62469
2004 UO ₈	2009 10 04.2	00 40.56 +03 26.3 19.3	-0.84 - 2.4	0.3/04.0	62411
2005 XA ₁₁₂	2009 10 04.2	00 40.57 +02 43.7 21.0	-0.82 - 5.3	0.6/03.7	62467
2002 VR ₁₅	2009 10 04.2	00 40.57 +01 53.8 19.5	-0.99 - 5.0	1.0/03.5	62361
2001 JQ ₁	2009 10 04.2	00 40.58 -17 34.6 21.9	-0.82 - 1.6	5.1/27.4	93948
2005 TW ₄₃	2009 10 04.2	00 40.62 -06 09.7 19.1	-1.03 + 1.1	4.8/01.6	62439
2004 VL ₅₆	2009 10 04.2	00 40.63 -20 51.2 20.0	-0.89 - 1.0	7.2/26.3	74434
2007 CT ₃₈	2009 10 04.2	00 40.64 +06 46.7 21.0	-0.95 - 6.0	0.9/05.0	18197
2009 RN ₈	2009 10 04.2	00 40.67 +07 44.5 20.5	-0.97 - 4.6	1.3/05.3	62177
2006 AQ ₇₄	2009 10 04.2	00 40.68 -20 06.4 21.1	-0.83 - 2.0	5.8/26.3	02270
2005 MA ₅₄	2009 10 04.2	00 40.69 -13 43.3 18.5	-0.90 - 1.1	8.6/28.9	62422
2005 UA ₃₅	2009 10 04.2	00 40.70 -09 14.3 21.0	-0.93 - 2.1	4.5/30.3	01030
2005 UJ ₃	2009 10 04.2	00 40.73 +12 06.6 18.2	-0.67 -13.0	3.1/07.4	62442
2005 QP ₁₅	2009 10 04.2	00 40.74 +02 47.7 20.7	-0.88 - 7.7	0.6/03.8	62426
2008 FK ₆₉	2009 10 04.2	00 40.76 +05 37.5 18.6	-0.70 -12.6	10.5/25.0	62531
2005 TZ ₂₄	2009 10 04.3	00 40.74 +11 43.3 19.8	-0.76 -11.3	2.6/07.1	62439
2001 WZ ₅₇	2009 10 04.3	00 40.74 +00 29.8 19.8	-0.93 - 3.3	1.6/03.2	62329
2002 AD ₈₆	2009 10 04.3	00 40.75 +01 23.8 17.5	-0.63 - 9.3	1.4/03.2	62337
2002 RP ₁₄₃	2009 10 04.3	00 40.80 +02 26.8 19.6	-0.90 - 9.7	0.9/03.7	62354
2004 TM ₃	2009 10 04.3	00 40.81 +03 16.8 20.3	-0.78 - 3.0	0.5/04.0	61901
2002 CR ₇₆	2009 10 04.3	00 40.81 +08 18.7 19.6	-0.84 - 4.3	1.3/05.6	62340
2002 CU ₁₅₂	2009 10 04.3	00 40.82 +05 40.1 20.2	-0.50 - 2.4	0.2/04.8	62341
2009 SU ₁₀₂	2009 10 04.3	00 40.83 -02 22.2 19.5	-0.80 - 7.8	2.8/02.0	62214
2006 VH ₂₇	2009 10 04.3	00 40.85 +05 35.3 18.2	-0.84 - 6.3	13.1/25.0	62491
1995 SW ₄₀	2009 10 04.3	00 40.87 +01 20.7 20.1	-0.99 - 4.5	1.3/03.4	62292
2008 KO ₁₀	2009 10 04.3	00 40.87 +01 25.9 20.5	-0.88 - 7.1	1.0/03.4	51070
2008 GO ₃₈	2009 10 04.3	00 40.92 +10 04.6 19.9	-0.79 - 9.4	1.9/06.4	62533
2005 WJ ₁₅₂	2009 10 04.3	00 40.96 +27 17.8 18.6	-0.81 - 7.9	9.6/13.7	98009
2008 OT ₂₀	2009 10 04.3	00 40.98 +10 31.3 20.0	-0.52 - 2.7	1.1/06.5	62541
2000 QR ₉₄	2009 10 04.3	00 40.98 -14 12.7 18.3	-0.68 - 6.7	8.2/27.5	62306
2005 TP ₁₄₇	2009 10 04.3	00 40.99 -07 56.1 20.6	-1.09 + 0.3	4.9/01.2	60840
2001 SN ₁₈	2009 10 04.3	00 41.02 +03 55.9 19.2	-0.70 - 2.0	0.1/04.2	62318
2005 YM ₉₀	2009 10 04.3	00 41.05 +19 39.8 20.4	-0.78 - 4.4	4.4/09.6	11153
2006 AO ₄₅	2009 10 04.3	00 41.05 -33 05.8 21.2	-0.76 - 3.8	9.1/19.9	40160
2000 SP ₂₉₉	2009 10 04.3	00 41.08 +09 48.0 18.3	-0.97 - 1.0	2.2/05.9	62308
2004 RM ₁₈₅	2009 10 04.3	00 41.08 +10 40.2 19.4	-0.85 - 4.2	2.3/06.4	61898
2005 VT ₃₄	2009 10 04.3	00 41.10 +04 30.9 18.9	-0.81 - 7.6	0.0/04.4	62457

2007 DG ₁₁₂	2009 10 04.3	00 41.11 +05 18.2 20.5	-0.74 - 4.7	0.3/04.7	62509
2005 XS ₁₅	2009 10 04.4	00 41.08 +10 03.4 19.9	-0.81 - 6.5	2.1/06.3	61997
2005 UC ₅₂₇	2009 10 04.4	00 41.09 +01 14.0 20.9	-0.87 - 4.4	1.2/03.4	62456
2009 SV ₉₂	2009 10 04.4	00 41.09 +00 07.9 19.5	-0.83 - 5.9	1.8/03.0	62213
2006 BN ₂₈₃	2009 10 04.4	00 41.11 +08 30.0 20.9	-0.79 - 4.7	1.3/05.7	62011
2007 HP ₄₄	2009 10 04.4	00 41.12 +02 37.6 20.9	-0.76 - 4.4	0.5/03.8	20643
2007 CO ₄₈	2009 10 04.4	00 41.12 +09 55.9 21.6	-0.85 - 5.6	1.7/06.2	62504
2004 TN ₁₁₂	2009 10 04.4	00 41.13 +26 05.3 19.2	-0.93 - 1.9	7.3/11.4	62406
2007 EM ₁₀₃	2009 10 04.4	00 41.21 +03 59.4 19.3	-0.86 - 3.6	0.2/04.3	62512
2006 BV ₂₇₈	2009 10 04.4	00 41.22 +12 41.9 20.3	-0.81 - 2.8	2.5/07.0	62011
2005 UY ₃₁₇	2009 10 04.4	00 41.22 +06 27.4 20.6	-0.85 - 5.4	0.7/05.1	62452
2002 FJ ₃	2009 10 04.4	00 41.23 +03 26.1 17.6	-0.78 -25.5	0.4/04.0	62345
2008 GF ₈₁	2009 10 04.4	00 41.24 -08 55.3 20.1	-0.90 - 3.3	4.3/30.4	40761
2008 JO ₂₈	2009 10 04.4	00 41.24 -18 11.0 19.2	-0.87 - 1.4	7.3/27.7	62539
2000 DY ₃₈	2009 10 04.4	00 41.25 +05 59.0 19.9	-0.95 - 6.5	0.6/04.9	62303
2001 UC ₃₁	2009 10 04.4	00 41.28 -02 20.6 19.7	-0.91 - 4.6	2.7/02.3	62324
2005 UH ₅₀	2009 10 04.4	00 41.31 +07 45.3 18.6	-0.82 - 4.6	1.5/05.5	62444
2005 UK ₁₇₃	2009 10 04.4	00 41.33 +02 04.9 19.7	-0.91 - 3.7	0.9/03.8	62448
2008 FB ₅₆	2009 10 04.4	00 41.34 +04 46.9 19.6	-0.89 - 7.3	0.1/04.6	62530
2002 AP	2009 10 04.4	00 41.35 +20 33.4 19.3	-0.93 - 3.3	4.9/09.4	57360
2005 PV ₃	2009 10 04.4	00 41.38 +03 42.3 18.8	-0.95 - 4.0	0.3/04.2	62425
2001 WO ₃₁	2009 10 04.4	00 41.41 +13 37.9 19.1	-0.82 - 8.2	2.9/07.7	62329
2005 UN ₄₄₉	2009 10 04.4	00 41.43 +33 39.8 19.5	-0.87 - 7.6	9.8/15.9	62454
2005 YF ₁₀₉	2009 10 04.4	00 41.47 +18 40.1 20.3	-0.79 - 4.8	4.2/09.3	62470
2005 WN ₁₃₂	2009 10 04.4	00 41.47 +04 54.7 20.1	-0.81 - 5.5	0.2/04.6	61994
2007 EP ₁₈₄	2009 10 04.4	00 41.48 +07 39.7 20.5	-0.76 - 9.0	0.9/05.6	62515
2004 TW ₃₄₄	2009 10 04.4	00 41.51 -10 38.1 19.7	-0.83 - 1.9	4.3/29.9	62410
2002 CP ₂₂₂	2009 10 04.5	00 41.43 +00 51.1 20.0	-0.84 - 4.6	1.3/03.4	62342
2007 EF ₄₃	2009 10 04.5	00 41.50 +00 33.5 19.9	-0.69 - 7.0	1.1/03.1	62510
2001 WE ₅₅	2009 10 04.5	00 41.53 +09 51.3 19.2	-0.78 - 7.7	2.4/06.4	62329
2004 FY ₉₃	2009 10 04.5	00 41.56 +01 46.7 20.5	-0.90 - 6.1	0.9/03.7	39198
2001 YC ₁₃₀	2009 10 04.5	00 41.57 +04 04.9 18.6	-0.94 - 2.8	0.2/04.4	62336
2005 UH ₁₉₇	2009 10 04.5	00 41.58 +07 50.8 20.3	-0.76 - 6.0	0.9/05.7	62449
2007 DF ₆₀	2009 10 04.5	00 41.60 +09 12.1 19.1	-0.97 - 2.2	1.6/05.9	62507
2004 FR ₉₃	2009 10 04.5	00 41.61 +00 16.6 20.5	-0.91 - 6.5	1.4/03.2	62389
2008 FU ₁₂₈	2009 10 04.5	00 41.64 +01 35.9 20.8	-1.00 - 6.2	1.2/03.7	42967
2003 BK ₈₀	2009 10 04.5	00 41.65 -06 34.8 20.4	-0.85 - 6.5	3.5/30.8	62368
2007 GZ ₃₉	2009 10 04.5	00 41.70 +08 08.9 20.3	-0.69 - 6.8	1.0/05.9	62518
2002 RW ₇₆	2009 10 04.5	00 41.71 +10 44.7 19.3	-1.07 - 3.7	2.5/06.4	62353
2005 UG ₄₆	2009 10 04.5	00 41.72 +04 25.7 20.1	-0.82 - 6.3	0.0/04.5	62444
2008 FH ₁₀₁	2009 10 04.5	00 41.72 -03 42.9 21.1	-0.94 - 6.9	3.0/01.9	40206
2005 YG ₄₅	2009 10 04.5	00 41.75 +27 23.8 21.1	-0.87 - 4.2	7.2/12.4	56037
2005 YF ₃₁	2009 10 04.5	00 41.78 +20 28.4 19.8	-0.82 - 4.2	4.9/10.0	02263
2009 RZ ₃₁	2009 10 04.5	00 41.78 +09 00.3 20.4	-0.85 - 5.5	1.5/06.0	62189
2005 UP ₉₇	2009 10 04.5	00 41.86 -03 39.0 20.3	-0.85 - 4.7	3.2/02.0	97894
2002 PJ ₁₃₄	2009 10 04.5	00 41.86 -02 56.5 19.0	-0.86 - 8.2	3.4/02.1	62350
2003 BA ₇₃	2009 10 04.5	00 41.86 +09 20.5 20.5	-0.87 - 4.3	1.4/06.1	62367
2002 PS ₁₈₄	2009 10 04.6	00 41.82 +07 39.6 19.9	-1.05 - 3.7	1.4/05.5	62351
2005 WM ₂₇	2009 10 04.6	00 41.85 -03 17.4 20.6	-0.86 - 3.8	2.6/02.2	62460
2005 UT ₉₀	2009 10 04.6	00 41.85 -00 33.9 20.2	-0.97 - 1.5	1.6/03.2	62445
2005 SP ₂₂₁	2009 10 04.6	00 41.86 +03 36.1 19.5	-0.93 - 1.5	11.8/25.0	61941

2005 WQ ₁₇₉	2009 10 04.6	00 41.87 +09 29.8 19.2	-0.96 - 1.9	1.9/06.0	62464
2003 HF ₂₄	2009 10 04.6	00 41.87 -01 50.0 20.1	-0.85 - 4.5	2.1/02.6	62371
2009 RT ₁₀	2009 10 04.6	00 41.88 +04 12.7 20.7	-0.91 - 7.7	0.1/04.5	62178
2005 NX ₈₇	2009 10 04.6	00 41.88 -03 15.6 19.9	-0.93 - 6.0	3.0/02.2	61922
2005 TS ₈₃	2009 10 04.6	00 41.88 +09 28.3 19.5	-0.97 - 2.4	2.2/06.1	61947
2009 SD ₁₁₂	2009 10 04.6	00 41.90 +08 56.8 20.0	-0.72 -12.7	1.8/06.4	62216
2004 XW ₄	2009 10 04.6	00 41.91 +35 41.3 19.7	-0.81 - 5.0	7.5/16.3	00863
1998 WC ₄₄	2009 10 04.6	00 41.91 +05 21.8 20.4	-0.91 - 6.8	10.3/15.0	62296
2001 TZ ₂₄₀	2009 10 04.6	00 41.91 +03 19.7 18.2	-0.85 + 2.3	0.6/04.3	62323
2006 AY ₁₀₀	2009 10 04.6	00 41.93 +17 44.5 19.8	-0.84 - 2.8	4.2/08.8	62475
2005 SE ₆	2009 10 04.6	00 41.96 +08 32.8 19.5	-0.96 - 3.6	1.6/05.8	62431
2002 UO ₃₇	2009 10 04.6	00 41.97 +08 01.4 19.2	-0.91 - 6.2	1.6/05.8	61869
2006 VE ₉₆	2009 10 04.6	00 42.04 -05 06.0 18.5	-1.04 - 0.1	4.9/02.2	62492
2005 YH ₁₀₇	2009 10 04.6	00 42.10 +06 06.6 20.9	-0.80 - 5.1	0.5/05.2	62470
2006 DT ₁₀₇	2009 10 04.6	00 42.11 +09 42.8 20.0	-0.86 - 2.5	1.6/06.2	62481
2006 BV ₁₆₇	2009 10 04.6	00 42.15 -09 38.4 19.6	-0.71 - 6.7	4.4/29.6	62478
2004 BV ₁₁₁	2009 10 04.6	00 42.17 +01 04.0 20.4	-0.97 - 5.1	1.2/03.6	62383
2004 GO ₅₀	2009 10 04.6	00 42.17 +05 34.8 19.1	-1.02 - 3.2	0.4/05.0	62391
2005 XS ₅₈	2009 10 04.6	00 42.21 +09 43.5 20.6	-0.82 - 5.5	1.8/06.4	61998
2004 JK ₂	2009 10 04.6	00 42.23 +08 37.2 20.7	-0.87 - 6.7	1.4/06.1	62392
2002 BG ₃₀	2009 10 04.6	00 42.25 -03 59.7 18.3	-1.14 + 0.5	3.3/02.6	62339
2005 WH ₁₁₄	2009 10 04.7	00 42.16 -06 19.4 18.8	-0.94 - 0.4	4.7/01.8	62463
2003 AZ	2009 10 04.7	00 42.16 +12 16.7 19.8	-0.88 - 5.7	2.4/07.2	62365
2002 AE ₁₇₀	2009 10 04.7	00 42.20 +01 00.3 20.3	-0.85 - 4.4	1.2/03.6	62338
2001 TT ₁₁₀	2009 10 04.7	00 42.22 +06 21.6 18.0	-0.96 + 0.8	0.9/05.2	62322
2005 JB ₂₉	2009 10 04.7	00 42.22 +12 25.8 20.6	-0.46 - 5.0	1.3/07.7	61917
2000 AT ₂₂₇	2009 10 04.7	00 42.24 +10 21.3 20.5	-0.97 - 4.9	2.0/06.5	62301
2007 EE ₄₉	2009 10 04.7	00 42.25 +00 19.9 19.6	-0.82 - 2.3	1.3/03.5	62511
2006 AN ₇₄	2009 10 04.7	00 42.26 -26 04.5 19.8	-0.76 - 3.1	8.2/23.8	60858
2009 RU ₃₀	2009 10 04.7	00 42.26 +16 27.7 18.7	-1.82 +12.8	6.2/05.9	62188
2007 EN ₁₉₃	2009 10 04.7	00 42.26 +07 18.8 20.9	-0.87 - 4.4	0.9/05.6	62059
2005 YL ₆₄	2009 10 04.7	00 42.27 -12 40.2 20.4	-0.75 - 4.1	5.0/29.0	98043
2002 RB ₂₁₇	2009 10 04.7	00 42.28 +07 16.8 19.1	-0.91 - 5.9	1.3/05.6	61863
2001 XB ₁₉	2009 10 04.7	00 42.32 -05 09.0 19.0	-0.96 - 2.4	3.7/01.9	62330
2008 FU ₇₅	2009 10 04.7	00 42.34 +02 33.9 19.8	-0.92 - 3.8	0.7/04.1	62531
2004 VY ₅₈	2009 10 04.7	00 42.34 +09 20.5 20.0	-0.73 - 5.3	1.3/06.4	62412
2000 WM ₁₃₈	2009 10 04.7	00 42.38 -07 36.8 18.8	-0.92 - 2.3	4.7/01.1	62310
2009 QQ ₃₈	2009 10 04.7	00 42.41 +00 08.8 17.6	-0.44 -18.2	2.1/02.7	62164
2005 TO ₃₈	2009 10 04.7	00 42.44 +02 30.6 20.7	-0.91 - 4.8	0.8/04.1	61945
2005 SC ₁₈₈	2009 10 04.7	00 42.46 +04 56.3 21.1	-0.81 - 8.1	8.3/15.0	40399
2007 CA ₅₆	2009 10 04.7	00 42.46 +05 34.0 19.9	-0.93 - 6.7	10.3/15.0	62504
2004 RG ₁₉₇	2009 10 04.7	00 42.47 +16 36.3 19.1	-0.91 - 2.0	4.2/08.4	62399
2000 GA ₁₂₈	2009 10 04.7	00 42.47 +06 39.1 21.1	-0.95 - 4.9	0.7/05.4	62304
2002 AX ₉₉	2009 10 04.7	00 42.49 -01 45.1 19.1	-0.85 - 4.8	2.2/02.8	62337
2005 RM ₃₀	2009 10 04.7	00 42.52 +25 11.3 18.7	-1.02 - 0.7	9.2/11.1	62430
2008 DB ₁₆	2009 10 04.7	00 42.54 +08 33.2 19.4	-1.12 - 3.1	1.7/05.9	62525
2007 HY ₄₆	2009 10 04.7	00 42.57 -02 57.9 20.6	-0.68 - 6.4	2.1/02.1	62520
2004 TS ₂₁₉	2009 10 04.7	00 42.57 -00 53.6 19.5	-0.87 - 2.1	1.7/03.2	62408
2004 XX ₂₁	2009 10 04.7	00 42.58 +10 54.9 19.6	-0.76 - 4.6	1.9/06.9	62414
2005 PA ₁	2009 10 04.7	00 42.61 +10 23.6 18.5	-1.06 - 0.5	2.6/06.3	62425
2007 GQ ₃₈	2009 10 04.7	00 42.61 -06 20.3 21.0	-1.08 - 1.0	4.2/01.8	62518

2003 HR ₁₇	2009 10 04.8	00 42.56 -01 17.1 20.1	-0.84 - 4.5	1.9/03.0	62371
2005 UV ₂₈₀	2009 10 04.8	00 42.56 +09 41.6 20.2	-0.82 - 6.0	1.6/06.5	61973
2006 VX ₃₂	2009 10 04.8	00 42.57 +08 47.5 19.9	-1.01 - 6.7	1.7/06.1	62022
2008 GK ₆₄	2009 10 04.8	00 42.57 +06 00.7 19.3	-0.74 -11.5	0.5/05.4	62533
2005 XP ₃₂	2009 10 04.8	00 42.59 +07 49.0 20.0	-0.80 - 6.2	1.2/05.9	62466
2000 SU ₃₄₇	2009 10 04.8	00 42.60 +37 30.9 19.3	-1.18 + 0.6	11.7/15.4	62309
2001 TA ₁₈₁	2009 10 04.8	00 42.65 +08 41.9 19.5	-0.84 - 5.2	1.8/06.2	62323
2001 VR ₈₅	2009 10 04.8	00 42.65 +11 48.1 19.3	-0.88 - 5.8	2.6/07.2	62328
2009 RB ₈	2009 10 04.8	00 42.67 +07 18.0 20.8	-0.71 - 5.6	0.8/05.8	62176
2007 BW ₂₇	2009 10 04.8	00 42.70 +04 18.6 20.8	-0.97 - 5.6	9.5/15.0	38972
2004 FN ₂₀	2009 10 04.8	00 42.71 +08 23.7 19.7	-1.04 - 3.8	1.4/05.9	62388
2003 SS ₁₅	2009 10 04.8	00 42.72 +31 29.6 19.6	-0.88 - 3.8	8.0/14.8	62375
2003 SD ₂₈₃	2009 10 04.8	00 42.72 +28 06.5 18.7	-0.77 - 5.5	7.4/13.7	62377
2002 ER ₁₄₇	2009 10 04.8	00 42.72 +02 22.1 20.0	-0.81 - 6.3	0.7/04.1	62345
2005 SS ₁₁₇	2009 10 04.8	00 42.72 -03 33.2 19.5	-0.76 -10.8	3.0/01.8	62434
2008 JM ₃₆	2009 10 04.8	00 42.73 +03 31.4 20.6	-0.73 -10.7	0.4/04.4	62095
2009 QU ₃₈	2009 10 04.8	00 42.73 +03 33.7 18.5	-0.82 - 4.0	0.5/04.5	62165
2007 DD ₁₁₁	2009 10 04.8	00 42.74 +05 26.9 19.8	-0.77 - 5.4	0.3/05.1	62509
2005 YS ₁₉₃	2009 10 04.8	00 42.74 +22 34.8 21.2	-0.81 - 3.5	4.9/10.9	98066
2007 BD ₇₃	2009 10 04.8	00 42.76 -40 57.2 22.2	-1.03 - 2.4	11.4/16.6	21875
2005 UK ₃₆₁	2009 10 04.8	00 42.77 +05 26.2 20.5	-0.83 - 6.3	0.3/05.1	61975
2003 FM ₁₃₂	2009 10 04.8	00 42.78 +02 26.2 20.0	-0.74 - 9.7	0.8/04.1	62371
2006 DL ₃	2009 10 04.8	00 42.79 +26 57.3 20.5	-0.92 - 1.0	6.1/11.8	62480
2004 CJ ₄₅	2009 10 04.8	00 42.80 -00 11.0 20.4	-1.03 - 4.4	2.0/03.5	62384
2006 UJ ₂₆₅	2009 10 04.8	00 42.83 +05 58.8 19.6	-0.98 - 9.9	0.6/05.3	62490
2003 QU ₂₂	2009 10 04.8	00 42.84 +10 44.3 18.6	-0.75 - 4.7	2.0/06.9	62373
2002 GU ₉₅	2009 10 04.8	00 42.89 +05 22.9 19.4	-0.86 - 2.4	0.2/05.1	62346
2000 SB ₂₃₆	2009 10 04.8	00 42.90 +07 59.5 19.1	-1.13 + 2.7	1.5/05.6	61836
2005 NB ₁₆	2009 10 04.9	00 42.91 +03 04.7 20.6	-0.97 - 5.7	0.6/04.4	62422
2005 UC ₁₂₈	2009 10 04.9	00 42.92 +09 56.5 20.4	-0.85 - 6.7	1.8/06.7	62447
2006 WV ₁₇₆	2009 10 04.9	00 42.92 -07 00.3 19.9	-0.93 - 7.0	4.7/01.1	62495
2005 UG ₉₉	2009 10 04.9	00 42.92 -07 01.1 20.4	-0.91 - 4.2	4.9/01.2	97895
2008 DG ₂₃	2009 10 04.9	00 42.96 -00 25.3 23.9	-0.99 - 5.1	1.5/03.4	39288
2005 YF ₁₉₉	2009 10 04.9	00 42.97 +20 39.0 19.6	-0.80 - 4.8	4.8/10.4	62472
2007 DX ₂₇	2009 10 04.9	00 42.97 -00 56.2 19.9	-0.80 - 4.8	1.8/03.1	62505
2002 FA ₂₇	2009 10 04.9	00 42.99 -00 11.4 20.4	-0.53 - 1.9	0.9/03.3	62345
2002 TK ₈₀	2009 10 04.9	00 43.00 +08 35.7 19.2	-0.88 - 8.6	1.7/06.3	61866
2005 XX ₃	2009 10 04.9	00 43.03 +08 27.3 19.1	-0.79 - 7.0	1.4/06.2	62465
2005 UB ₃₃₃	2009 10 04.9	00 43.06 +14 09.9 19.4	-0.83 - 8.1	3.1/08.3	62452
2004 RU ₁₆₀	2009 10 04.9	00 43.06 +05 03.3 20.2	-0.76 - 6.9	8.2/25.0	62398
2003 FB ₁₃₃	2009 10 04.9	00 43.07 +06 32.4 20.1	-0.45 - 4.2	0.3/05.6	61877
2008 JD ₄₀	2009 10 04.9	00 43.08 +05 00.4 20.2	-0.77 - 8.6	9.2/25.0	62096
2005 UA ₁₀₇	2009 10 04.9	00 43.11 -01 54.8 19.0	-0.84 - 4.6	2.8/02.9	62446
2009 RF ₈	2009 10 04.9	00 43.11 +07 19.3 19.0	-0.78 - 2.5	1.4/05.8	62177
2006 AZ ₇₈	2009 10 04.9	00 43.12 -15 29.7 20.2	-0.80 - 3.7	6.5/28.3	04368
2002 RC ₁₄₅	2009 10 04.9	00 43.12 +04 21.2 19.0	-0.84 - 5.7	12.3/15.0	62354
2009 RJ ₈	2009 10 04.9	00 43.14 +06 13.7 20.0	-0.78 - 4.8	0.5/05.5	62177
2002 TY ₂₂₈	2009 10 04.9	00 43.16 -07 33.2 17.8	-0.82 - 4.3	6.3/30.9	62359
2005 VR ₆₆	2009 10 04.9	00 43.17 +06 26.6 19.7	-0.80 - 8.1	0.6/05.6	62458
2004 RE ₈₁	2009 10 04.9	00 43.19 +07 19.2 18.9	-0.76 - 5.8	1.1/05.9	62397
2006 UO ₃₂₇	2009 10 04.9	00 43.20 -17 57.7 20.5	-1.00 - 3.3	8.3/27.8	20499

2008 ET ₂₁	2009 10 04.9	00 43.20 +03 46.8 20.0	-1.05	- 4.4	0.3/04.7	39293
2006 AY	2009 10 04.9	00 43.22 +00 41.9 20.1	-0.77	- 6.0	1.2/03.6	62473
2004 FD ₈₈	2009 10 04.9	00 43.24 -04 40.8 21.0	-0.94	- 5.1	3.1/02.1	62389
2005 SA ₂₃₇	2009 10 04.9	00 43.25 +08 59.6 19.6	-0.68	- 7.0	2.1/06.5	62437
2001 EV ₁	2009 10 04.9	00 43.25 -12 21.9 20.2	-0.71	- 4.4	4.2/29.2	20741
2005 SF ₁₂₁	2009 10 04.9	00 43.25 +04 19.0 20.5	-0.95	- 3.5	9.5/15.0	62434
2009 RC ₂₄	2009 10 04.9	00 43.26 +02 37.0 20.2	-0.81	- 4.5	0.7/04.3	62184
2005 YX ₂₃₇	2009 10 04.9	00 43.26 +29 28.5 20.5	-0.88	- 3.5	9.3/13.8	96863
2006 YQ ₁	2009 10 04.9	00 43.28 +26 18.4 20.6	-0.94	- 2.7	6.1/11.9	41857
2005 RQ ₅₁	2009 10 04.9	00 43.29 -07 01.4 19.6	-0.74	- 3.3	5.8/01.2	62431
2004 JH ₂₀	2009 10 04.9	00 43.30 +05 34.5 20.0	-0.86	- 6.9	0.3/05.3	62392
2002 RT ₁₅₂	2009 10 04.9	00 43.32 +16 57.2 19.2	-0.99	- 5.5	5.3/09.0	62354
2007 LN ₄	2009 10 05.0	00 43.25 +16 36.4 19.6	-0.70	- 7.2	3.4/09.3	49022
2008 KM ₃₆	2009 10 05.0	00 43.25 +16 47.9 19.4	-0.68	-12.8	4.1/10.0	62540
2007 DM ₃₉	2009 10 05.0	00 43.25 -00 00.1 20.2	-0.78	- 4.5	1.4/03.5	62506
2008 GX ₁₁₁	2009 10 05.0	00 43.26 -16 01.1 20.3	-1.28	+ 2.1	7.3/30.4	40763
2002 QN ₅₇	2009 10 05.0	00 43.30 +00 04.9 19.9	-0.86	- 8.5	2.0/03.4	62351
2005 WK ₉₃	2009 10 05.0	00 43.32 -07 06.8 19.9	-0.86	- 3.5	4.6/01.3	97997
2007 CX ₄₃	2009 10 05.0	00 43.32 -09 49.0 21.6	-0.78	- 7.3	4.2/29.9	59787
2005 WJ ₇₁	2009 10 05.0	00 43.33 -16 07.8 18.9	-0.96	- 1.1	8.2/28.7	61990
2008 GL ₉₆	2009 10 05.0	00 43.34 -00 57.5 18.5	-0.78	- 9.6	2.5/03.0	62534
2005 YJ ₁₀₉	2009 10 05.0	00 43.34 +05 21.2 20.4	-0.77	- 5.4	0.2/05.3	62470
2006 DZ ₃₇	2009 10 05.0	00 43.34 +01 17.2 20.3	-0.73	- 6.6	0.9/03.9	62481
2007 EU ₁₇₅	2009 10 05.0	00 43.39 +06 17.7 19.7	-0.70	- 7.3	0.5/05.6	62515
2008 HJ ₁₄	2009 10 05.0	00 43.41 +08 50.8 21.0	-0.99	- 5.8	1.6/06.3	62536
2002 CO ₁₆₁	2009 10 05.0	00 43.43 -08 17.6 20.9	-0.76	- 4.8	3.4/30.8	19570
2009 RL ₁₀	2009 10 05.0	00 43.44 +04 45.0 19.3	-0.75	- 5.4	0.0/05.1	62178
2008 EJ ₇₈	2009 10 05.0	00 43.45 -00 24.5 20.8	-0.92	- 6.1	1.8/03.4	40201
2007 BQ ₆₃	2009 10 05.0	00 43.50 +07 21.2 20.8	-0.85	- 6.0	0.9/05.9	62501
2007 DV ₄₃	2009 10 05.0	00 43.51 -00 51.9 21.7	-0.80	- 9.0	1.9/03.1	21876
2002 CQ ₂₇	2009 10 05.0	00 43.53 -02 36.9 19.8	-0.86	- 4.0	2.4/02.8	62339
2002 AY ₁₇	2009 10 05.0	00 43.54 +07 08.4 17.4	-0.75	-14.1	1.0/06.0	62336
2006 BY ₇₁	2009 10 05.0	00 43.56 -01 54.3 19.8	-0.80	- 4.2	2.3/03.0	62477
2000 QU ₁₅₈	2009 10 05.0	00 43.56 +02 59.0 18.6	-0.75	-11.5	0.6/04.4	62306
2003 SW ₉₁	2009 10 05.0	00 43.57 +15 21.4 20.0	-0.82	- 2.6	3.1/08.4	62376
2006 HX ₁₂₁	2009 10 05.0	00 43.57 -51 49.7 19.2	-1.28	+ 2.9	26.6/20.0	60863
2008 FL ₁₂₃	2009 10 05.0	00 43.58 +08 31.4 20.8	-0.77	- 9.7	1.2/06.5	40207
2002 VD ₁₃	2009 10 05.0	00 43.60 +02 42.4 18.9	-0.87	- 3.8	1.0/04.5	61870
2003 FP ₇₁	2009 10 05.0	00 43.60 -00 11.9 20.0	-0.53	- 2.0	0.9/03.5	10972
2002 AD ₁₄₁	2009 10 05.0	00 43.64 -06 56.1 19.4	-0.80	- 6.2	5.0/01.1	62338
2002 JC ₁	2009 10 05.0	00 43.64 -08 04.2 19.6	-1.01	- 1.4	4.0/01.5	18010
2007 DL ₁₇	2009 10 05.0	00 43.65 -05 17.7 20.4	-0.82	- 5.5	3.5/01.8	62505
2006 WA ₂₀₁	2009 10 05.0	00 43.66 +11 02.0 19.5	-0.87	- 5.1	3.2/07.1	62027
2000 LK ₇	2009 10 05.0	00 43.66 -03 49.7 21.0	-0.86	- 6.5	2.9/02.3	62305
2009 RW ₅₇	2009 10 05.0	00 43.66 +15 14.9 18.5	-0.87	- 6.7	5.2/08.7	62198
2002 TP ₁₃₀	2009 10 05.1	00 43.61 +12 10.1 18.2	-0.96	- 4.0	3.5/07.4	62358
2005 VX ₁₀₃	2009 10 05.1	00 43.64 -06 58.7 21.4	-0.93	- 2.8	3.8/01.7	40697
2007 FN ₂₆	2009 10 05.1	00 43.64 +05 52.1 20.8	-0.85	- 3.8	0.4/05.5	19460
2003 QG ₄₄	2009 10 05.1	00 43.70 -01 51.3 20.0	-0.68	- 7.7	1.9/02.8	62373
2004 RV ₂₀₁	2009 10 05.1	00 43.70 +14 01.3 18.4	-0.60	-12.2	3.9/09.0	61898
2003 BZ ₅	2009 10 05.1	00 43.71 -16 35.3 22.0	-0.84	- 4.8	5.8/28.0	39726

2004 PO ₆₄	2009 10 05.1	00 43.72 -05 01.4 19.1	-0.84	- 4.0	3.5/02.1	62395
2005 UJ ₂₃₅	2009 10 05.1	00 43.73 +01 20.0 19.2	-0.79	- 7.1	1.3/04.0	62450
2005 TD ₂₇	2009 10 05.1	00 43.74 +04 54.9 19.7	-0.84	- 6.6	0.1/05.2	62439
2004 RR ₃₈	2009 10 05.1	00 43.75 +16 03.0 19.8	-0.87	- 3.9	3.9/08.8	59731
2006 VR ₂₀	2009 10 05.1	00 43.77 +05 13.6 19.6	-0.95	- 5.4	0.3/05.3	62021
2001 TQ ₂₅₂	2009 10 05.1	00 43.77 +00 08.9 21.0	-0.79	- 9.3	1.7/03.5	62324
2008 FJ ₁₃₂	2009 10 05.1	00 43.78 +08 34.4 20.1	-0.91	- 7.2	1.3/06.4	62532
2008 CA ₁₇₉	2009 10 05.1	00 43.80 +21 20.9 20.0	-1.62	+ 3.7	7.9/08.4	41475
2007 FN ₂₅	2009 10 05.1	00 43.81 +03 20.5 20.6	-0.82	- 4.4	0.4/04.7	62517
2007 EC ₂₃	2009 10 05.1	00 43.81 -01 03.4 20.4	-0.71	- 5.5	1.5/03.2	62510
2005 SG ₅₁	2009 10 05.1	00 43.83 +06 10.4 20.3	-0.83	- 6.8	0.5/05.6	62432
2008 GX ₁₆	2009 10 05.1	00 43.83 -04 11.5 21.3	-0.90	- 5.9	3.0/02.3	40209
2000 TP ₆₃	2009 10 05.1	00 43.85 +22 59.3 19.2	-0.83	- 4.7	7.5/11.5	62309
2000 BA ₃₇	2009 10 05.1	00 43.86 +19 48.4 20.0	-1.04	- 3.9	5.4/10.0	39140
2001 TV ₂₀₈	2009 10 05.1	00 43.90 +11 11.3 18.9	-1.19	+ 2.4	2.8/06.6	62323
2000 CA ₁₄₁	2009 10 05.1	00 43.92 +16 52.9 20.0	-0.99	- 3.5	5.5/08.9	58399
2000 YM ₂₅	2009 10 05.1	00 43.93 +12 29.9 20.8	-0.49	- 3.2	1.4/07.9	62311
2008 FV ₆₈	2009 10 05.1	00 43.93 +00 38.1 20.9	-0.92	- 5.8	1.4/03.9	39029
2005 NO ₃₃	2009 10 05.1	00 43.96 +07 29.9 20.7	-0.98	- 5.8	1.1/06.0	38045
2008 FE ₈₈	2009 10 05.1	00 43.98 +01 18.4 19.8	-1.04	- 3.0	1.4/04.2	62531
2000 EC ₁₆₈	2009 10 05.1	00 43.99 +03 30.1 19.1	-0.93	- 1.4	0.4/04.8	62304
2007 DW ₁₀₆	2009 10 05.1	00 43.99 +02 23.5 20.3	-0.78	- 7.1	0.8/04.4	62508
2007 DT ₂₀	2009 10 05.1	00 44.00 +13 15.2 20.1	-0.94	- 3.0	2.7/07.7	62044
2008 FM ₁₅	2009 10 05.1	00 44.02 -06 36.2 20.8	-0.86	- 4.5	3.4/01.7	62529
2002 VR ₁₂	2009 10 05.1	00 44.03 +08 45.7 18.6	-0.92	- 3.9	2.0/06.4	62361
2005 EF ₁₆₃	2009 10 05.1	00 44.04 -01 24.8 19.7	-0.89	- 9.7	2.8/03.1	62417
2008 JG ₂₃	2009 10 05.1	00 44.04 -06 33.4 21.0	-0.93	- 3.8	3.9/01.8	62539
2005 WT ₉₃	2009 10 05.1	00 44.04 +38 43.0 20.2	-0.86	- 3.4	7.7/18.0	62462
2006 BH ₁₁₂	2009 10 05.2	00 43.99 -12 49.1 21.0	-0.73	- 5.9	5.1/28.9	20487
2005 JB ₇₈	2009 10 05.2	00 44.02 +02 03.7 21.2	-0.97	- 8.1	1.0/04.3	62419
2008 BK ₃₄	2009 10 05.2	00 44.04 +10 37.7 22.3	-0.99	- 5.7	1.8/07.1	40722
2004 TN ₁₇₂	2009 10 05.2	00 44.05 +13 42.0 19.2	-0.88	- 2.2	2.9/07.9	61905
2006 YF ₄₉	2009 10 05.2	00 44.09 +04 39.9 20.5	-0.81	- 9.4	0.0/05.2	62498
2008 HG ₃₈	2009 10 05.2	00 44.10 +20 01.0 21.0	-0.83	- 8.7	4.5/10.9	40768
2001 XX ₂₁	2009 10 05.2	00 44.12 +40 50.9 18.9	-1.07	- 1.9	12.2/18.4	59673
2004 SW ₆₀	2009 10 05.2	00 44.14 -09 47.6 19.4	-0.75	- 5.4	4.9/30.3	62403
2004 FC ₁₂₁	2009 10 05.2	00 44.17 -10 11.6 19.8	-0.87	- 6.8	5.2/30.2	58476
2001 VE ₁₁₄	2009 10 05.2	00 44.20 +01 12.9 18.6	-0.94	- 2.7	1.6/04.2	62328
2008 GM ₁₃₂	2009 10 05.2	00 44.22 -13 49.2 19.4	-0.86	- 2.1	6.8/29.6	40764
2005 UP ₃₄₃	2009 10 05.2	00 44.24 -22 39.5 19.3	-0.88	- 3.3	10.7/25.5	62452
2007 DU ₂₇	2009 10 05.2	00 44.28 -00 42.8 19.8	-0.80	- 4.9	1.8/03.5	62505
2002 RW ₂₂₂	2009 10 05.2	00 44.28 -03 32.7 19.2	-0.91	- 4.5	3.9/02.7	62355
2004 EM ₂	2009 10 05.2	00 44.30 +05 40.3 20.2	-0.90	- 7.4	0.3/05.6	61887
2004 TJ ₁₄₃	2009 10 05.2	00 44.32 +02 14.0 20.2	-0.83	- 2.7	0.7/04.5	62406
2005 YG ₆₉	2009 10 05.2	00 44.32 +01 19.6 19.4	-0.79	- 4.1	1.2/04.2	62469
2004 EL ₄₁	2009 10 05.2	00 44.37 +05 28.0 20.8	-0.92	- 6.9	0.2/05.5	14096
2007 DO ₅₆	2009 10 05.2	00 44.38 +08 26.1 20.2	-0.96	- 4.6	1.5/06.4	62507
2006 DP ₇₀	2009 10 05.2	00 44.38 +02 13.7 19.9	-0.79	- 4.3	0.9/04.5	62481
2007 ER ₁₅₄	2009 10 05.2	00 44.40 +08 16.0 19.8	-0.70	- 7.5	1.0/06.6	62514
1999 US ₁₉	2009 10 05.2	00 44.41 +00 19.4 20.3	-0.99	- 4.2	2.0/04.0	62298
2008 FT ₂₅	2009 10 05.2	00 44.44 -01 45.5 20.5	-1.03	- 4.1	2.5/03.4	62529

2005 SG ₁₉₃	2009 10 05.2	00 44.44 -18 20.6 18.5	-1.07 + 0.5	9.0/28.7	62436
2006 XG ₁₇	2009 10 05.3	00 44.34 -08 14.1 20.3	-0.96 - 4.2	5.0/01.3	59117
2004 WO ₁	2009 10 05.3	00 44.34 +03 54.2 19.3	-0.79 - 4.1	0.3/05.0	62413
2005 NM ₃	2009 10 05.3	00 44.35 +15 36.7 19.7	-1.00 - 5.0	4.2/08.7	12892
2002 PO ₁₆₉	2009 10 05.3	00 44.35 -07 51.3 20.0	-0.97 - 4.7	5.6/01.5	37960
1999 LC ₃₀	2009 10 05.3	00 44.38 -10 50.9 20.7	-0.77 - 7.1	4.9/29.9	40084
2007 BF ₆₃	2009 10 05.3	00 44.39 +05 02.5 20.6	-0.92 - 6.3	0.1/05.4	62036
2007 EZ ₂₁₅	2009 10 05.3	00 44.42 -04 30.3 20.9	-0.76 - 2.7	2.4/02.4	41869
2006 YH ₉	2009 10 05.3	00 44.42 +16 11.0 19.8	-0.91 - 2.4	5.9/08.8	62497
2008 KV ₃₃	2009 10 05.3	00 44.48 +05 43.9 18.9	-0.61 -12.7	0.3/05.7	62097
2003 QZ ₈	2009 10 05.3	00 44.50 +17 14.7 19.9	-0.80 - 3.7	4.0/09.4	62373
2009 RK ₂₉	2009 10 05.3	00 44.54 +09 14.2 19.1	-0.84 - 8.7	1.7/06.9	62186
2005 UA ₃₇₃	2009 10 05.3	00 44.58 +08 48.8 20.1	-0.85 - 5.2	1.4/06.7	62453
2005 XL ₇₆	2009 10 05.3	00 44.58 -18 06.8 19.8	-0.85 - 1.5	6.6/28.3	62467
1999 XA ₆₆	2009 10 05.3	00 44.59 +10 24.0 19.7	-0.79 - 5.8	1.8/07.2	62300
2005 XA ₂₄	2009 10 05.3	00 44.62 +14 33.0 20.4	-0.86 - 6.0	3.2/08.6	61997
2006 BW ₂₃	2009 10 05.3	00 44.66 +17 14.9 20.0	-0.80 - 4.4	3.6/09.5	96993
2003 AR ₇₂	2009 10 05.3	00 44.66 +42 59.4 22.6	-1.13 - 2.0	9.3/19.1	43167
2001 UX ₁₉₆	2009 10 05.3	00 44.72 -09 56.8 18.6	-0.90 + 0.9	7.5/01.5	62326
2007 CZ ₄₇	2009 10 05.3	00 44.73 +07 11.5 20.1	-0.94 - 6.5	1.0/06.1	62504
2004 CC ₁₁₇	2009 10 05.3	00 44.74 -00 30.3 20.8	-0.61 - 4.1	1.2/03.6	62385
2004 RW ₂₈₁	2009 10 05.3	00 44.75 +06 10.1 19.9	-0.81 - 4.7	0.5/05.8	62401
2006 AU ₆₄	2009 10 05.3	00 44.76 +02 59.4 21.7	-0.72 - 4.3	0.5/04.8	62475
2007 EP ₁₆₀	2009 10 05.3	00 44.76 +09 14.4 21.5	-0.76 - 4.2	1.2/06.8	40461
2005 QQ ₁₅₃	2009 10 05.3	00 44.78 -08 32.8 19.8	-0.90 - 5.2	5.1/01.1	62429
2004 CL ₁₉	2009 10 05.4	00 44.74 +09 32.9 18.9	-0.96 - 6.3	2.2/06.9	62384
2001 UJ ₁₄₁	2009 10 05.4	00 44.75 -03 43.0 19.6	-0.92 - 3.7	3.3/02.8	62325
2006 WW ₅₅	2009 10 05.4	00 44.75 -01 07.8 19.7	-0.97 - 5.8	2.5/03.5	62494
2007 DA ₁₁₃	2009 10 05.4	00 44.77 +02 09.8 20.2	-0.81 - 5.2	0.9/04.6	62509
2008 GD ₁₃₃	2009 10 05.4	00 44.83 +08 18.2 19.7	-0.66 -11.1	1.2/06.8	62092
2007 HP ₃₆	2009 10 05.4	00 44.87 -03 53.8 21.4	-0.78 - 2.7	2.3/02.8	20876
1995 UJ ₁₈	2009 10 05.4	00 44.89 +07 19.5 20.5	-0.95 - 6.7	1.0/06.2	62292
2004 RE ₃₃₄	2009 10 05.4	00 44.90 -09 43.8 18.2	-0.84 - 1.1	6.2/01.2	60812
2005 US ₄₁₆	2009 10 05.4	00 44.90 +04 41.6 20.2	-0.81 - 7.2	0.0/05.4	62453
2007 ES ₁₁₅	2009 10 05.4	00 44.95 +00 20.1 21.3	-0.79 - 6.9	1.3/03.9	62513
2000 YJ ₁₅	2009 10 05.4	00 44.95 +33 23.6 19.9	-0.56 - 2.4	4.7/16.3	47160
2001 YH ₁₂₈	2009 10 05.4	00 44.98 +23 39.8 19.6	-0.94 - 3.9	6.3/11.5	17985
2005 SF ₃₂	2009 10 05.4	00 45.00 +03 12.8 20.1	-0.73 -14.3	0.6/04.8	61932
2005 UH ₄₆	2009 10 05.4	00 45.03 +08 15.9 20.3	-0.82 - 7.5	1.3/06.6	61954
2005 SV ₂₈₉	2009 10 05.4	00 45.08 +07 32.7 19.4	-0.82 - 7.0	1.0/06.4	62438
2008 HQ ₃₉	2009 10 05.4	00 45.11 +06 19.5 21.7	-0.92 - 6.5	0.5/06.0	51070
2005 VX ₁₃₅	2009 10 05.4	00 45.13 +11 12.6 20.0	-0.82 - 6.5	2.4/07.6	61985
2005 UU ₃₀₇	2009 10 05.5	00 45.08 +08 12.5 21.1	-0.83 - 6.1	1.3/06.6	61974
2005 TU ₅₁	2009 10 05.5	00 45.09 -01 35.1 19.2	-1.06 - 0.2	2.4/03.9	62440
2008 HZ ₂₇	2009 10 05.5	00 45.17 +10 07.9 18.9	-0.85 - 9.0	2.3/07.4	62536
2007 EZ ₁₄₆	2009 10 05.5	00 45.18 +01 43.2 20.5	-0.85 - 3.8	1.0/04.6	62514
2008 EN ₁₁₃	2009 10 05.5	00 45.18 +13 13.3 18.8	-1.08 - 2.5	4.2/07.9	62080
2007 DB ₄₂	2009 10 05.5	00 45.19 +10 26.4 20.2	-0.96 - 1.9	1.6/07.1	62046
2009 RG ₃₂	2009 10 05.5	00 45.19 +08 46.9 19.4	-0.88 - 3.8	1.5/06.7	62189
2002 EL ₇	2009 10 05.5	00 45.22 +09 20.8 19.1	-1.02 - 1.4	1.8/06.7	62343
2005 OY ₄	2009 10 05.5	00 45.23 +15 59.9 20.0	-0.99 - 5.5	4.2/09.1	39218

2004 SP ₃₀	2009 10 05.5	00 45.23 +03 12.5 19.2	-0.71 - 8.6	0.5/04.9	62402
2001 AW ₁	2009 10 05.5	00 45.24 +39 36.5 19.4	-1.59 + 1.7	11.1/14.1	62311
2004 RB ₇	2009 10 05.5	00 45.25 -02 29.4 18.4	-0.91 - 0.2	3.1/03.6	62396
2006 AO ₆₂	2009 10 05.5	00 45.31 +16 29.6 20.0	-0.87 - 3.4	4.0/09.2	56039
2008 CF ₂₀₀	2009 10 05.5	00 45.31 +09 12.9 19.1	-1.00 - 3.3	2.0/06.8	62071
2002 AJ ₂₆	2009 10 05.5	00 45.32 +06 28.1 19.8	-0.86 - 4.4	0.6/06.1	62336
2005 EP ₁₈₃	2009 10 05.5	00 45.33 +03 59.8 21.7	-0.58 - 4.1	0.2/05.3	86659
2005 UH ₄₅₁	2009 10 05.5	00 45.34 +03 17.5 20.7	-0.86 - 4.4	0.5/05.1	62454
2005 CF ₇	2009 10 05.5	00 45.35 +38 16.8 19.8	-1.54 + 1.2	14.3/14.6	87650
1999 VG ₅₇	2009 10 05.5	00 45.36 +11 37.9 18.8	-0.73 - 8.1	2.2/08.0	62299
2002 WX ₁₄	2009 10 05.5	00 45.37 +01 27.4 19.3	-0.81 - 9.4	1.5/04.4	62363
2004 HV ₄₄	2009 10 05.5	00 45.38 -00 20.2 21.0	-0.98 - 3.8	1.7/04.0	18071
2009 SD ₁₀₅	2009 10 05.5	00 45.38 +09 03.5 20.2	-1.05 - 0.3	1.5/06.6	62215
2005 WP	2009 10 05.5	00 45.38 +11 57.2 20.2	-0.81 - 6.5	2.4/08.0	62459
2008 EC ₂₃	2009 10 05.5	00 45.38 -03 00.6 19.7	-0.89 -21.6	3.3/02.3	62076
1998 VE ₄₃	2009 10 05.5	00 45.42 -03 20.5 18.7	-0.92 - 0.5	4.2/03.4	62296
2005 RU ₂₄	2009 10 05.5	00 45.44 +18 10.7 18.2	-0.69 -14.0	5.8/11.2	61930
2008 DK ₈₁	2009 10 05.5	00 45.44 +04 18.7 20.6	-0.94 - 6.6	0.2/05.4	62526
2002 VU ₇₆	2009 10 05.5	00 45.46 -02 07.9 19.3	-0.94 - 5.5	3.0/03.4	62362
2003 EZ ₆₂	2009 10 05.5	00 45.46 -04 56.3 20.2	-0.80 - 7.3	3.1/02.2	62369
2002 JH ₄	2009 10 05.5	00 45.48 -32 32.8 19.8	-0.76 - 4.7	10.2/21.1	35811
2008 FG ₁₀₀	2009 10 05.5	00 45.48 -06 08.9 20.7	-1.01 - 3.6	4.3/02.4	62531
2005 UV ₁₈₀	2009 10 05.5	00 45.48 +00 22.6 18.8	-0.76 - 5.4	2.1/04.1	61967
2004 TA ₁₀₃	2009 10 05.5	00 45.49 +20 09.9 19.3	-0.81 - 4.0	4.6/10.7	60815
2002 TX ₂₀₇	2009 10 05.5	00 45.49 +08 22.8 18.5	-0.98 - 3.3	1.6/06.6	62358
2000 DE ₅₅	2009 10 05.5	00 45.50 +02 10.4 20.2	-0.90 - 6.1	0.9/04.7	62303
2001 XZ ₁₆₅	2009 10 05.5	00 45.51 -05 59.3 20.3	-0.85 - 5.4	3.9/02.0	62333
2004 GK ₄₈	2009 10 05.6	00 45.46 +06 29.1 19.7	-0.90 - 7.6	0.7/06.1	62391
2006 BH ₂₄₉	2009 10 05.6	00 45.48 +03 12.2 20.3	-0.76 - 4.1	0.5/05.1	62479
2005 UO ₁₀₆	2009 10 05.6	00 45.48 -02 43.8 20.0	-0.86 - 4.7	3.1/03.2	97896
2008 LL ₁₀	2009 10 05.6	00 45.48 -05 21.6 20.8	-0.94 - 6.4	3.8/02.3	62540
2005 MJ ₃₀	2009 10 05.6	00 45.52 +10 04.5 19.8	-0.90 - 7.9	2.2/07.4	61920
2006 BY ₂₁	2009 10 05.6	00 45.54 +30 29.4 19.1	-0.96 - 1.5	9.0/14.3	62476
2007 BS ₂₄	2009 10 05.6	00 45.55 +04 42.7 20.5	-0.97 - 5.7	0.1/05.6	62500
2002 UG ₁₉	2009 10 05.6	00 45.57 +06 36.7 18.0	-0.81 - 6.8	0.8/06.2	62360
2000 AS ₂₁₀	2009 10 05.6	00 45.57 +01 29.5 20.9	-0.74 - 4.4	0.9/04.5	62301
2006 WY ₈₇	2009 10 05.6	00 45.57 +00 32.6 19.6	-0.88 - 8.1	2.0/04.2	62494
2006 WU ₇₉	2009 10 05.6	00 45.58 -01 47.3 19.0	-0.98 - 0.9	3.6/03.8	62025
2009 SC ₁₂₀	2009 10 05.6	00 45.60 +08 14.5 20.4	-0.79 - 4.9	1.1/06.7	62218
1999 VB ₆₅	2009 10 05.6	00 45.62 +17 52.4 18.5	-0.69 -10.0	4.6/10.7	62299
2007 HB ₅	2009 10 05.6	00 45.62 -08 07.6 20.5	-0.79 - 3.3	3.8/01.5	20627
2003 EE ₃₅	2009 10 05.6	00 45.65 +09 16.9 21.0	-0.86 - 5.7	1.3/07.1	19594
2003 QR ₂₅	2009 10 05.6	00 45.68 +01 54.6 19.6	-0.68 - 7.5	0.9/04.6	62373
2008 FT ₁₂₈	2009 10 05.6	00 45.69 +04 06.9 18.1	-0.68 -10.6	0.4/05.4	62532
2005 AA ₅₇	2009 10 05.6	00 45.70 +12 42.9 19.3	-0.90 - 1.3	2.6/07.9	62416
2005 UO ₁₅₆	2009 10 05.6	00 45.70 -05 28.0 20.8	-0.95 - 2.0	3.3/02.7	62447
2006 VU ₁₆₈	2009 10 05.6	00 45.70 +09 43.7 20.2	-1.01 - 6.0	1.9/07.1	62493
2005 YX ₄₇	2009 10 05.6	00 45.73 -13 59.6 20.1	-0.75 - 4.4	5.8/29.3	19262
2005 TC ₁₆₇	2009 10 05.6	00 45.75 +11 33.2 20.3	-0.80 - 8.3	2.0/08.0	62442
2004 TQ ₉₇	2009 10 05.6	00 45.75 -02 01.1 20.5	-0.84 - 2.2	2.1/03.6	62405
2008 MD ₂	2009 10 05.6	00 45.78 -01 32.8 19.9	-0.75 - 8.5	2.3/03.4	62541

2006 BV ₁₀	2009 10 05.6	00 45.80 +00 03.7 19.9	-0.76 - 4.9	1.5/04.1	62476
2007 CK ₄₅	2009 10 05.6	00 45.84 -08 36.8 20.3	-0.92 - 4.8	5.0/01.4	22874
2005 YD ₁₆₂	2009 10 05.6	00 45.86 +10 50.3 18.8	-0.83 - 7.1	2.3/07.7	62003
2002 DD ₁₀	2009 10 05.6	00 45.88 +15 56.7 19.1	-0.91 - 3.1	3.9/09.1	62343
2008 FT ₉₆	2009 10 05.7	00 45.80 -18 07.7 20.8	-1.27 + 2.0	8.1/30.5	40206
2005 WC ₁₁₉	2009 10 05.7	00 45.82 +23 49.0 19.5	-0.81 - 8.0	6.7/12.7	98002
2006 FC ₃₄	2009 10 05.7	00 45.84 +07 43.4 20.6	-0.69 - 6.4	0.7/06.7	62483
2005 YV ₄₉	2009 10 05.7	00 45.86 +02 30.4 20.4	-0.75 - 5.2	0.7/04.9	62469
2005 SA ₂₄₆	2009 10 05.7	00 45.89 +08 13.4 20.5	-0.64 -12.6	1.5/07.0	61943
2001 XU ₂₂₈	2009 10 05.7	00 45.91 +05 27.4 19.1	-0.89 - 4.2	0.2/05.9	62334
2004 CZ ₁₀₄	2009 10 05.7	00 45.91 +13 02.6 19.4	-1.03 - 3.8	3.0/08.1	62385
2005 UJ ₁₆₉	2009 10 05.7	00 45.91 +09 59.0 19.5	-0.86 - 6.1	1.9/07.4	62448
2002 FC ₁₅	2009 10 05.7	00 45.93 -14 44.6 19.5	-0.80 - 6.0	6.2/28.7	62345
2005 WZ ₁₂₆	2009 10 05.7	00 45.95 +12 11.2 18.3	-0.69 -11.5	2.9/08.6	62463
2004 TS ₂₃₈	2009 10 05.7	00 45.96 +02 04.3 18.9	-0.91 - 0.9	1.1/04.9	61907
2004 TD ₃₆₈	2009 10 05.7	00 45.98 +01 52.3 19.1	-0.94 - 0.5	1.1/04.9	62410
2005 UP ₃₁₂	2009 10 05.7	00 46.02 +02 39.2 19.7	-0.89 - 4.5	0.8/05.0	62452
2005 UE ₉₆	2009 10 05.7	00 46.06 +03 49.5 20.6	-0.81 - 6.7	0.4/05.4	61960
2005 TU ₆₉	2009 10 05.7	00 46.06 -00 22.4 21.0	-0.93 - 4.5	2.0/04.2	41204
1998 TO ₄	2009 10 05.7	00 46.09 +09 25.3 19.5	-1.00 + 0.8	1.5/06.9	62295
2005 JQ ₁₀₄	2009 10 05.7	00 46.13 +07 53.7 19.8	-0.95 - 7.7	1.3/06.7	62419
2004 EF ₂₃	2009 10 05.7	00 46.19 -01 06.8 20.7	-0.85 - 8.3	2.0/03.7	40121
2005 OO ₂₄	2009 10 05.7	00 46.20 +10 49.9 20.4	-0.94 - 7.0	2.0/07.7	39218
2005 SX ₈₇	2009 10 05.7	00 46.22 +02 39.3 20.3	-0.83 - 8.1	0.8/05.0	62433
2008 GL ₁₃₂	2009 10 05.8	00 46.17 -14 59.1 19.0	-0.82 - 1.7	7.0/29.8	62091
2003 FY ₆₈	2009 10 05.8	00 46.18 -05 17.7 21.2	-0.87 - 5.0	3.3/02.5	62370
2001 KO ₅₁	2009 10 05.8	00 46.18 +23 45.4 19.6	-0.89 -12.6	7.5/13.5	62314
2009 RF ₁₁	2009 10 05.8	00 46.20 +04 48.9 18.9	-0.81 - 6.2	0.1/05.8	62178
2005 VW ₁₁₂	2009 10 05.8	00 46.21 +07 03.2 19.0	-0.81 - 4.7	0.9/06.5	62459
2001 UO ₁₄₄	2009 10 05.8	00 46.22 -03 31.9 19.3	-0.90 - 4.2	3.4/03.2	62325
2008 FG ₂₉	2009 10 05.8	00 46.24 +28 23.5 19.5	-2.05 +13.9	13.6/08.0	62529
2005 XE ₅₈	2009 10 05.8	00 46.25 +10 41.7 21.1	-0.83 - 5.8	1.9/07.7	26110
1997 LL ₅	2009 10 05.8	00 46.28 -11 58.8 19.7	-0.73 - 5.4	5.5/30.0	62293
2002 PB ₁₀₉	2009 10 05.8	00 46.29 +11 50.6 18.9	-0.79 -10.9	3.2/08.4	62350
2002 FC ₃₆	2009 10 05.8	00 46.30 -15 59.3 19.9	-0.87 - 2.1	6.1/29.3	19576
2008 DH ₂₆	2009 10 05.8	00 46.32 +10 11.3 20.8	-1.06 - 4.9	2.0/07.4	62525
2007 BV ₁₃	2009 10 05.8	00 46.32 +00 30.3 20.9	-0.92 - 5.7	1.6/04.4	16383
2005 TT ₆₂	2009 10 05.8	00 46.34 +03 35.8 19.7	-0.82 - 7.1	0.5/05.4	19656
2004 TX ₁₆₉	2009 10 05.8	00 46.35 -02 47.2 19.2	-0.71 - 7.4	2.5/03.1	61905
2006 AQ ₆₄	2009 10 05.8	00 46.36 +00 42.0 21.0	-0.79 - 4.5	1.3/04.5	62475
2005 XZ ₄₉	2009 10 05.8	00 46.37 +16 47.3 19.6	-0.87 - 4.5	4.6/09.6	61997
2006 WJ ₂₀₀	2009 10 05.8	00 46.38 +09 46.4 20.7	-0.94 - 6.8	1.7/07.4	62495
2001 XV ₂₁	2009 10 05.8	00 46.39 +29 01.5 18.9	-0.99 - 2.6	8.8/13.6	62330
2005 JJ ₁₂₁	2009 10 05.8	00 46.43 -11 31.5 19.3	-0.98 - 1.6	8.0/01.4	62419
2001 QM ₁₈₅	2009 10 05.8	00 46.43 +44 13.0 19.5	-1.40 - 3.8	16.9/21.0	62316
2005 YW ₂₂₈	2009 10 05.8	00 46.43 +19 13.5 20.4	-0.82 - 3.7	4.4/10.5	98069
2008 GA ₁	2009 10 05.8	00 46.43 +10 25.1 20.8	-0.95 - 8.8	1.9/07.7	62532
2005 YZ ₁₅₅	2009 10 05.8	00 46.43 +17 21.3 19.2	-0.78 - 5.6	3.8/10.1	62471
2002 PJ ₃₉	2009 10 05.8	00 46.51 -10 53.8 19.3	-0.81 - 8.4	7.3/30.1	62350
2005 SE ₂₁₅	2009 10 05.8	00 46.52 +13 15.3 19.2	-0.86 - 6.8	3.6/08.7	61941
2004 ER ₆	2009 10 05.8	00 46.53 +09 26.2 20.3	-1.03 - 3.6	1.7/07.2	61887

2005 YA ₁₂₂	2009 10 05.8	00 46.53 -13 09.9 20.7	-0.76 - 4.2	5.2/29.8	02265
2004 XL ₅	2009 10 05.8	00 46.54 +10 26.4 19.3	-0.79 - 4.0	1.9/07.6	62413
2004 SE ₃₇	2009 10 05.8	00 46.55 +16 12.7 20.6	-0.89 - 3.8	3.6/09.4	11070
2006 BR ₁₃₀	2009 10 05.8	00 46.55 +06 36.5 21.7	-0.76 - 4.6	0.4/06.4	98118
2006 DH ₂₀₂	2009 10 05.8	00 46.57 +09 15.4 19.9	-0.80 - 2.5	1.2/07.2	62482
2006 BU ₁₅₇	2009 10 05.8	00 46.57 +09 39.1 20.1	-0.83 - 3.1	1.4/07.3	02279
2005 JS ₄₃	2009 10 05.8	00 46.57 +12 43.9 20.8	-1.01 -10.6	3.0/08.6	87671
2003 FR ₃₂	2009 10 05.8	00 46.58 -00 52.5 19.9	-0.76 - 9.7	1.9/03.8	62370
2005 UO ₁₅₂	2009 10 05.8	00 46.58 +14 33.6 20.1	-0.80 - 8.2	3.4/09.3	39780
2005 YM ₃₈	2009 10 05.8	00 46.59 +25 52.5 19.6	-0.93 - 2.1	6.0/12.4	62468
2005 SR ₂₂₄	2009 10 05.9	00 46.52 +05 19.1 20.3	-0.84 - 8.0	0.1/06.0	62437
2000 DV ₅₈	2009 10 05.9	00 46.53 +03 33.5 20.4	-0.90 - 6.8	0.5/05.4	62303
2004 FL ₁₂₄	2009 10 05.9	00 46.56 +08 10.5 20.8	-0.94 - 5.4	1.1/06.9	62390
2005 QX ₁₄₆	2009 10 05.9	00 46.56 +00 20.5 19.3	-0.90 - 3.5	2.2/04.5	62429
2008 RC ₉₅	2009 10 05.9	00 46.57 +12 26.9 20.8	-0.51 - 2.6	1.3/08.5	62100
2004 JX ₂₁	2009 10 05.9	00 46.61 +10 03.8 20.6	-0.85 - 7.8	1.9/07.7	62392
2005 UF ₅₀₀	2009 10 05.9	00 46.62 -00 39.9 19.7	-0.75 -10.8	2.0/03.8	62455
2004 TA ₃₅₁	2009 10 05.9	00 46.63 -06 10.4 20.8	-0.83 - 2.4	3.5/02.5	74423
2008 HO ₆₁	2009 10 05.9	00 46.63 +06 39.5 20.4	-0.85 - 5.8	0.5/06.5	62538
2007 BB ₇₈	2009 10 05.9	00 46.69 +14 10.5 20.4	-0.93 - 3.1	3.2/08.7	62037
2005 QE ₆₂	2009 10 05.9	00 46.70 +09 33.1 20.3	-1.02 - 3.0	1.8/07.2	61927
2005 MM ₃₇	2009 10 05.9	00 46.73 +11 18.0 20.1	-0.98 - 6.1	2.3/07.9	38043
2008 HR ₅₂	2009 10 05.9	00 46.75 -05 16.5 20.0	-0.77 - 7.4	3.8/02.4	62537
2001 US ₁₀₆	2009 10 05.9	00 46.75 -05 32.1 19.9	-0.97 - 0.2	4.8/03.1	62325
2004 EH ₈₆	2009 10 05.9	00 46.80 -03 36.4 20.6	-0.90 - 7.7	3.0/03.1	61888
2004 TY ₆₁	2009 10 05.9	00 46.83 +01 38.8 19.5	-0.70 - 9.6	1.1/04.7	62404
2006 AN ₂₀	2009 10 05.9	00 46.83 +40 02.1 21.2	-0.96 - 1.6	8.2/18.4	01205
2008 DD ₆₉	2009 10 05.9	00 46.83 +02 49.4 20.0	-0.89 - 8.4	0.8/05.2	62526
2009 SE ₅₂	2009 10 05.9	00 46.84 +05 12.8 19.8	-1.01 - 1.9	0.1/06.0	62208
2008 HD ₅₉	2009 10 05.9	00 46.88 -19 54.9 19.1	-0.57 -28.9	11.2/23.4	62525
2005 UX ₆₀	2009 10 05.9	00 46.88 -02 41.3 19.8	-0.92 - 3.1	2.8/03.7	62444
2005 YF ₁₇₆	2009 10 05.9	00 46.91 +42 51.1 20.7	-0.95 - 2.5	9.2/20.6	41233
2000 RR ₂₅	2009 10 05.9	00 46.93 +20 26.5 19.0	-1.07 - 2.1	5.8/10.6	62306
2000 SM ₃₂₁	2009 10 05.9	00 46.97 +12 48.0 20.2	-1.05 - 0.0	3.0/08.0	61837
2006 BG ₁₀₉	2009 10 06.0	00 46.93 +00 05.9 21.4	-0.77 - 4.8	1.5/04.4	62477
2008 RM ₅₁	2009 10 06.0	00 46.96 +13 20.5 20.5	-0.50 - 3.4	1.5/09.0	62099
2000 CY ₇₁	2009 10 06.0	00 47.00 +04 36.5 20.4	-0.95 - 6.0	0.2/05.9	62302
2005 VW ₂	2009 10 06.0	00 47.04 +01 21.9 19.3	-0.83 - 8.9	1.5/04.7	62456
2000 WZ ₁₈₄	2009 10 06.0	00 47.08 -15 14.9 19.7	-0.82 - 5.4	6.9/28.9	62310
2008 GR ₈₁	2009 10 06.0	00 47.15 -00 27.4 21.8	-0.98 - 5.4	2.0/04.4	39993
2009 RT ₂₉	2009 10 06.0	00 47.18 +10 27.7 20.4	-0.87 - 5.4	2.1/07.8	62186
2002 EZ ₂₆	2009 10 06.0	00 47.20 +06 00.8 20.6	-0.50 - 2.8	0.2/06.4	62343
2005 WZ ₁₂₁	2009 10 06.0	00 47.21 -08 25.4 20.1	-0.84 - 4.9	4.2/01.6	47362
2007 ES ₅₃	2009 10 06.0	00 47.21 +01 47.8 19.4	-0.85 - 2.0	0.9/05.1	62511
2009 RZ ₁₁	2009 10 06.0	00 47.24 +06 34.5 19.5	-1.03 - 0.6	0.5/06.5	62179
2002 GJ ₆₀	2009 10 06.0	00 47.24 -03 08.7 20.2	-0.69 - 7.8	2.1/03.1	62346
2002 VT ₆₁	2009 10 06.0	00 47.25 +13 20.8 19.1	-0.87 - 6.8	3.7/08.9	62361
2005 WX ₂₀₇	2009 10 06.0	00 47.26 +11 04.4 19.7	-0.86 - 4.5	2.1/08.0	62465
2007 EH ₄₂	2009 10 06.0	00 47.26 +04 38.4 20.9	-0.76 - 5.0	0.1/05.9	62510
2005 VG ₅₈	2009 10 06.0	00 47.27 +15 18.1 20.5	-0.82 - 7.2	3.0/09.7	96389
2005 UY ₂₈₃	2009 10 06.0	00 47.28 -02 23.7 20.8	-0.87 - 4.4	2.5/03.8	62451

2004 PU ₆₃	2009 10 06.0	00 47.28 +12 07.7 20.1	-0.87 - 4.8	2.3/08.3	62395
2007 FO ₁	2009 10 06.0	00 47.31 -23 20.3 20.4	-0.87 - 0.5	7.2/27.5	19724
2004 LG ₂₅	2009 10 06.0	00 47.33 +26 47.4 19.2	-0.92 - 5.8	6.9/13.9	16273
2001 YV ₁₅₈	2009 10 06.1	00 47.26 +39 53.0 19.7	-1.37 - 1.2	16.0/18.3	42604
2006 WF ₄₉	2009 10 06.1	00 47.27 +04 40.2 21.1	-0.94 - 7.2	0.1/06.0	15959
2005 UE ₁₉₁	2009 10 06.1	00 47.27 -10 01.3 19.8	-1.01 - 0.5	5.4/02.0	18144
2008 HP ₆₅	2009 10 06.1	00 47.31 +10 37.4 20.5	-0.81 - 8.8	1.7/08.1	40769
2003 UJ ₁₆₄	2009 10 06.1	00 47.31 +06 15.6 19.5	-0.65 - 7.4	0.3/06.5	62379
2009 RH ₁₁	2009 10 06.1	00 47.34 +03 15.7 19.7	-0.74 - 9.5	0.7/05.5	62178
2005 YE ₂₄	2009 10 06.1	00 47.35 +03 02.7 20.5	-0.76 - 5.1	0.6/05.5	20829
2007 DE ₉₅	2009 10 06.1	00 47.36 -01 09.6 21.4	-0.88 - 4.5	1.9/04.2	19707
2005 SD ₁₃₁	2009 10 06.1	00 47.36 +07 20.6 19.5	-0.72 - 9.9	1.0/07.0	61938
2006 FO ₆	2009 10 06.1	00 47.42 +12 41.8 20.8	-0.85 - 1.7	2.2/08.4	62015
2004 EF ₃₉	2009 10 06.1	00 47.42 -00 03.2 19.5	-0.95 - 6.9	2.2/04.5	62387
2008 FX ₆₀	2009 10 06.1	00 47.42 -06 01.1 21.1	-0.97 - 2.5	3.6/03.0	62530
2005 YE ₁₁₇	2009 10 06.1	00 47.48 +10 26.7 21.2	-0.79 - 4.2	1.6/07.9	62002
2005 TV	2009 10 06.1	00 47.48 +06 32.1 18.1	-0.58 -17.3	0.6/06.8	62438
2004 VN ₂₀	2009 10 06.1	00 47.48 -07 39.4 19.2	-0.84 - 2.3	4.3/02.3	62411
2001 BS ₂₇	2009 10 06.1	00 47.53 +26 39.7 20.3	-0.83 - 3.3	5.4/13.5	43118
2007 BD ₃₉	2009 10 06.1	00 47.53 +14 03.2 20.6	-0.93 - 5.7	3.2/09.0	62035
2002 TN ₁₂₈	2009 10 06.1	00 47.56 +14 39.5 18.5	-0.80 -10.4	4.3/09.7	62358
2007 CQ ₂₆	2009 10 06.1	00 47.58 -12 01.7 20.9	-0.88 - 2.8	5.1/30.9	17697
2002 VV ₁₄₃	2009 10 06.1	00 47.59 -01 49.2 19.6	-0.88 - 3.0	3.5/04.1	61873
2009 RM ₁₁	2009 10 06.1	00 47.62 +04 47.5 20.0	-0.75 - 5.4	0.1/06.1	62178
2005 WS ₁₅₅	2009 10 06.1	00 47.66 -03 27.5 19.1	-0.88 - 4.0	3.7/03.5	62464
2005 UU ₈₄	2009 10 06.1	00 47.67 +05 35.7 20.9	-0.84 - 6.3	0.2/06.4	18140
2006 BB ₇₁	2009 10 06.1	00 47.67 +09 55.0 19.8	-0.84 - 2.5	1.5/07.6	62009
2002 TG ₅₀	2009 10 06.1	00 47.69 +02 14.2 18.2	-1.02 - 1.1	1.4/05.4	62357
2001 YP ₄₉	2009 10 06.2	00 47.62 +24 25.5 18.0	-0.86 - 4.7	8.3/12.9	62335
2007 BO ₄₈	2009 10 06.2	00 47.64 +01 22.1 19.3	-0.96 - 3.3	1.7/05.1	62501
2002 CZ ₂₃₂	2009 10 06.2	00 47.71 +11 37.2 19.3	-0.86 - 4.9	2.2/08.3	62342
2007 AX ₁₂	2009 10 06.2	00 47.73 +20 22.7 20.4	-0.96 - 6.2	4.9/11.2	56087
2005 YK ₁₉₂	2009 10 06.2	00 47.77 +00 42.1 20.4	-0.72 - 4.5	1.2/04.8	62472
2001 SX ₂₃₃	2009 10 06.2	00 47.77 -00 01.9 18.7	-0.81 - 4.5	2.4/04.6	62320
2005 UM ₁₈₆	2009 10 06.2	00 47.78 +01 24.8 19.9	-0.84 - 5.0	1.4/05.1	62448
2003 SK ₃₄₅	2009 10 06.2	00 47.79 +08 25.7 19.2	-0.71 - 6.5	1.0/07.4	62378
2008 FF ₆₆	2009 10 06.2	00 47.80 -06 41.2 20.4	-1.05 + 0.1	4.4/03.3	40558
2008 KO ₂₄	2009 10 06.2	00 47.81 -40 30.0 20.1	-0.86 - 0.5	14.5/20.0	62097
2001 BC ₃₅	2009 10 06.2	00 47.81 -26 38.3 21.3	-0.70 - 5.0	6.4/24.3	21302
1999 VL ₁₅₀	2009 10 06.2	00 47.81 +11 00.9 19.6	-0.89 - 9.0	2.5/08.3	62300
2007 DF ₁₈	2009 10 06.2	00 47.82 +09 49.9 19.6	-0.89 - 3.9	1.6/07.7	62505
2005 WX ₃₃	2009 10 06.2	00 47.88 -00 56.8 19.6	-0.86 - 3.9	2.2/04.4	62460
2007 DG ₄₆	2009 10 06.2	00 47.89 +17 20.0 21.4	-0.93 - 4.9	3.9/10.2	19359
2008 GM	2009 10 06.2	00 47.90 +07 21.8 21.4	-1.02 - 5.0	0.8/06.9	39306
2007 FC ₃₀	2009 10 06.2	00 47.92 +05 30.0 20.8	-0.77 - 3.9	0.1/06.4	21677
2004 XB ₅₀	2009 10 06.2	00 47.93 -45 09.4 19.9	-1.35 + 0.9	22.5/20.0	38037
2002 PS ₁₀₁	2009 10 06.2	00 47.95 +13 42.3 19.8	-0.88 - 9.9	4.0/10.0	61852
2007 BN ₈	2009 10 06.2	00 47.95 +01 28.5 20.2	-0.93 - 6.4	1.4/05.1	62500
2005 GV ₄₈	2009 10 06.2	00 47.96 +03 05.6 20.6	-0.99 - 7.0	0.9/05.6	62418
2006 EP ₂₆	2009 10 06.2	00 47.97 +14 51.6 20.8	-0.83 - 2.3	2.8/09.2	62482
2003 SY	2009 10 06.2	00 47.99 +13 02.5 20.4	-0.83 - 2.3	2.4/08.7	62374

2002 UJ ₇₁	2009 10 06.2	00 48.03 +07 25.5 19.0	-0.91 - 4.9	1.1/07.0	62360
2000 DE ₃₁	2009 10 06.2	00 48.04 +13 02.7 19.9	-0.99 - 4.3	2.8/08.7	62303
2004 CU ₄₄	2009 10 06.2	00 48.06 +12 58.6 20.5	-1.02 - 5.7	3.3/08.7	62384
2002 CO ₁₈₃	2009 10 06.3	00 48.00 +15 13.3 20.3	-0.90 - 3.8	3.5/09.4	61844
2009 RN ₁₁	2009 10 06.3	00 48.05 +04 43.9 19.5	-0.72 - 6.6	0.1/06.2	62179
2005 SW ₉₉	2009 10 06.3	00 48.06 +14 08.0 19.9	-0.81 - 9.4	3.0/09.6	40142
2000 QY ₁₇₂	2009 10 06.3	00 48.11 +29 29.3 18.6	-1.05 0.0	11.0/14.2	62306
2003 EC ₂	2009 10 06.3	00 48.11 +02 16.9 19.9	-0.96 - 3.5	1.0/05.5	62369
2002 VE ₆₄	2009 10 06.3	00 48.12 +05 56.8 18.8	-1.05 - 1.2	0.4/06.5	61871
2000 CB ₇₄	2009 10 06.3	00 48.15 +01 59.2 20.2	-0.92 - 6.1	1.1/05.3	62302
2002 RK ₇	2009 10 06.3	00 48.15 +13 49.1 19.4	-1.13 + 2.0	4.5/08.4	61860
2007 FS ₂₇	2009 10 06.3	00 48.17 +08 02.3 21.5	-0.88 - 5.0	0.9/07.2	20586
2005 QK ₇₂	2009 10 06.3	00 48.18 +08 11.6 19.7	-0.86 - 8.1	1.2/07.4	61928
2008 AW ₂₇	2009 10 06.3	00 48.18 -00 12.6 20.3	-0.97 - 5.8	2.1/04.7	62522
2003 HF ₃₂	2009 10 06.3	00 48.20 +11 19.7 20.2	-0.78 - 7.4	1.9/08.5	62371
2002 CS ₁₃₇	2009 10 06.3	00 48.21 +03 15.1 19.6	-0.85 - 4.0	0.6/05.8	62341
2007 ED ₁₇₀	2009 10 06.3	00 48.26 +02 57.5 20.9	-0.72 - 4.5	0.5/05.6	22883
2006 YQ ₁₂	2009 10 06.3	00 48.26 -06 19.0 22.0	-0.92 - 5.8	3.9/02.6	16376
2004 TP ₂₄₀	2009 10 06.3	00 48.27 +22 03.0 19.4	-0.80 - 5.4	5.2/12.2	62408
2005 SA ₂₈₈	2009 10 06.3	00 48.29 -18 26.9 21.1	-0.85 - 3.5	6.9/28.7	24039
2002 PG ₁₈₅	2009 10 06.3	00 48.31 -00 40.6 19.3	-1.05 - 1.8	2.7/04.8	62351
2001 UL ₁₀₆	2009 10 06.3	00 48.33 +10 12.6 19.3	-0.79 -10.2	1.7/08.2	62325
2005 WE ₁₅₉	2009 10 06.3	00 48.33 -07 18.4 18.1	-1.02 - 0.3	5.9/02.9	98010
2009 SL ₁₉	2009 10 06.3	00 48.33 -02 17.7 19.6	-0.90 - 7.0	3.6/04.0	62201
2001 TG ₂₄₀	2009 10 06.3	00 48.36 +07 40.4 19.2	-0.86 - 4.2	1.1/07.2	62323
2000 AD ₂₀₈	2009 10 06.3	00 48.37 -11 03.6 19.6	-0.80 - 3.0	5.1/01.3	62301
2003 BW ₃₄	2009 10 06.3	00 48.39 -00 41.7 19.8	-0.89 - 7.0	2.3/04.4	62367
2005 MF ₂₀	2009 10 06.3	00 48.40 -00 42.6 20.0	-0.94 - 6.2	2.4/04.6	62421
2006 AZ ₅₈	2009 10 06.3	00 48.41 +05 18.7 21.3	-0.72 - 4.5	0.0/06.4	62475
2001 TX ₁₇₄	2009 10 06.3	00 48.42 -01 27.7 19.0	-1.10 + 3.2	3.2/04.9	62323
2005 XD ₆₄	2009 10 06.4	00 48.35 -22 27.4 18.3	-0.80 - 7.9	10.6/24.9	62466
2009 SO ₁₁₇	2009 10 06.4	00 48.35 +10 28.4 20.1	-0.94 - 4.0	2.5/08.0	62217
2005 WP ₇₉	2009 10 06.4	00 48.38 +10 22.7 20.2	-0.83 - 5.4	1.9/08.1	61990
2005 UK ₄₇	2009 10 06.4	00 48.38 -20 51.2 20.6	-1.00 - 0.6	7.5/28.6	20819
2005 VP ₂	2009 10 06.4	00 48.39 +47 24.1 19.8	-0.78 -14.6	16.1/28.0	97959
2001 VL ₁₀₉	2009 10 06.4	00 48.40 -00 14.0 18.6	-0.93 + 1.2	2.7/05.0	62328
2007 FJ ₂₃	2009 10 06.4	00 48.41 +01 34.3 20.8	-0.95 - 2.1	1.2/05.4	41869
2002 GS ₉₁	2009 10 06.4	00 48.44 +00 25.6 19.5	-0.78 - 7.8	1.6/04.8	62346
2005 UO ₃₅₂	2009 10 06.4	00 48.44 +20 15.2 19.4	-0.79 - 9.0	6.0/12.1	58517
2005 VU ₇₃	2009 10 06.4	00 48.48 -15 25.9 21.9	-0.92 - 2.9	6.5/29.9	97969
2007 EX ₁₆₈	2009 10 06.4	00 48.49 +01 43.5 20.9	-0.69 - 7.4	1.0/05.2	62058
2002 VU ₉	2009 10 06.4	00 48.50 +19 58.9 18.9	-0.87 - 8.6	6.2/11.8	41847
2003 SR ₅₈	2009 10 06.4	00 48.53 +23 32.1 18.8	-0.81 - 3.7	5.6/12.7	62375
2008 GB ₄₂	2009 10 06.4	00 48.55 -02 56.4 19.9	-0.94 - 4.5	3.5/04.0	62533
2007 DW ₅₃	2009 10 06.4	00 48.57 +17 52.3 19.7	-1.12 + 0.1	4.8/09.7	62506
2004 BX ₁₁₄	2009 10 06.4	00 48.59 +12 53.0 19.8	-1.08 - 2.6	2.7/08.6	62383
2007 GL ₇₄	2009 10 06.4	00 48.66 +08 14.0 20.4	-0.78 - 2.9	0.8/07.4	62519
2005 UV ₁₄₁	2009 10 06.4	00 48.66 +08 14.5 19.0	-0.75 -10.9	1.0/07.6	62447
2007 DB ₂₄	2009 10 06.4	00 48.67 +06 01.2 20.4	-0.86 - 5.1	0.3/06.7	17730
2005 WM ₅₂	2009 10 06.4	00 48.67 -54 30.8 20.9	-1.54 + 1.4	18.0/20.0	97988
2004 DA ₅₀	2009 10 06.4	00 48.67 +07 31.7 20.8	-0.95 - 5.8	0.8/07.2	58473

2005 UC ₂₉₅	2009 10 06.4	00 48.73 +04 02.0 20.7	-0.88	- 3.9	0.4/06.1	62451
2007 DT ₁₁₄	2009 10 06.4	00 48.76 +03 10.4 21.0	-0.79	- 6.2	0.7/05.8	62509
2005 YF ₂₀₁	2009 10 06.4	00 48.77 +06 08.7 21.1	-0.71	- 4.4	0.2/06.8	20833
2002 CD ₁₀₁	2009 10 06.4	00 48.77 -11 40.6 19.5	-0.74	- 7.5	5.0/30.4	62340
2007 CA ₄₆	2009 10 06.5	00 48.72 -04 36.9 21.3	-0.76	- 7.0	2.8/03.1	19698
2007 DT ₁₉	2009 10 06.5	00 48.73 -07 16.9 19.5	-0.74	- 8.3	4.5/02.0	62505
2002 TJ ₁₈₈	2009 10 06.5	00 48.76 +15 02.3 19.1	-0.92	- 4.7	4.7/09.6	62358
2007 DZ ₁₂	2009 10 06.5	00 48.76 +13 14.7 19.6	-0.96	- 5.2	3.2/09.0	62505
2005 UU ₁₈₀	2009 10 06.5	00 48.76 +16 27.9 18.7	-0.75	-10.6	4.2/10.8	62448
2009 RK ₄₀	2009 10 06.5	00 48.76 +13 48.9 20.8	-0.73	- 6.5	2.5/09.5	62192
2006 DO ₁₃₈	2009 10 06.5	00 48.77 -00 55.5 20.7	-0.75	- 4.3	1.8/04.5	62481
2005 VA ₅₆	2009 10 06.5	00 48.78 +05 20.3 20.3	-0.92	- 3.9	0.0/06.5	62457
2004 RP ₂₉₂	2009 10 06.5	00 48.79 +07 08.4 19.6	-0.88	- 3.1	0.7/07.1	62401
2000 EL ₄₉	2009 10 06.5	00 48.81 -00 43.6 19.6	-0.87	- 1.3	1.7/04.8	62304
2004 ED ₇₀	2009 10 06.5	00 48.81 +03 23.2 20.5	-0.90	- 7.1	0.7/05.9	62387
2005 NK ₄₉	2009 10 06.5	00 48.82 +05 55.1 19.2	-0.89	- 9.0	0.3/06.8	62423
2008 JU ₃₆	2009 10 06.5	00 48.84 +06 18.0 19.6	-0.66	-11.0	0.4/06.9	62095
2001 VG ₆₂	2009 10 06.5	00 48.85 +13 31.8 19.6	-0.91	- 6.3	3.2/09.2	62327
2002 RW ₂₇₁	2009 10 06.5	00 48.87 +15 21.4 20.1	-1.07	- 2.2	4.7/09.4	61864
2008 GL ₁₁₂	2009 10 06.5	00 48.90 +03 55.6 19.8	-1.05	- 3.3	0.5/06.2	62535
2005 MM ₁₇	2009 10 06.5	00 48.92 +00 02.2 20.4	-0.95	- 6.2	2.0/04.9	62421
2000 AN ₉₄	2009 10 06.5	00 48.92 -05 35.1 19.9	-0.72	- 4.0	2.7/03.0	62301
2004 GF ₄	2009 10 06.5	00 48.93 +01 06.7 19.9	-0.94	- 5.9	1.6/05.3	62390
1998 DO ₃₁	2009 10 06.5	00 48.94 +15 59.7 19.0	-1.05	- 1.2	4.0/09.4	62294
2009 RW ₂₉	2009 10 06.5	00 48.95 +11 30.9 19.9	-0.93	- 2.5	2.7/08.4	62187
2007 CD ₂₇	2009 10 06.5	00 48.95 +07 14.8 20.5	-0.94	- 5.2	0.7/07.2	62503
2006 BN ₁₈₉	2009 10 06.5	00 48.96 +19 01.5 23.1	-0.90	- 1.7	3.7/10.6	56040
2001 QQ ₈₆	2009 10 06.5	00 49.01 +28 12.7 18.4	-0.96	- 3.8	9.4/14.4	62315
2002 VG ₁₀₀	2009 10 06.5	00 49.02 +16 26.2 18.9	-0.86	- 7.9	5.0/10.5	62362
2009 RU ₁₁	2009 10 06.5	00 49.04 +05 05.5 19.4	-0.80	- 3.2	0.1/06.5	62179
2005 VX ₈₆	2009 10 06.5	00 49.04 -20 05.8 21.1	-0.72	- 4.8	6.1/27.4	02260
2006 YC ₁₉	2009 10 06.5	00 49.04 +01 35.3 20.3	-0.95	- 5.1	1.3/05.4	62498
2009 RU ₂₉	2009 10 06.5	00 49.05 +11 26.8 19.9	-0.83	- 5.1	2.4/08.6	62187
2006 WJ ₁₁	2009 10 06.5	00 49.07 +18 00.2 18.8	-0.96	- 6.9	5.7/10.8	62493
2008 GJ ₆₉	2009 10 06.5	00 49.10 -05 44.9 19.8	-0.93	- 4.0	4.2/03.3	62534
2004 CK ₈₅	2009 10 06.5	00 49.12 -03 40.4 21.4	-0.92	- 6.5	3.1/03.7	40120
2002 DU ₉	2009 10 06.5	00 49.12 -22 19.8 20.2	-0.92	- 2.9	8.4/27.3	94675
2004 GG ₆₄	2009 10 06.5	00 49.13 +03 29.0 20.1	-1.01	- 3.4	0.7/06.1	62391
2005 UY ₃₈₃	2009 10 06.5	00 49.15 -10 46.5 19.5	-0.79	- 8.4	5.7/30.7	33466
2004 BV ₉₉	2009 10 06.6	00 49.07 -00 43.2 21.2	-0.93	- 5.6	2.0/04.7	12864
2005 YH ₁₉₁	2009 10 06.6	00 49.07 +14 33.3 20.8	-0.76	- 3.9	2.4/09.6	62472
2008 GC ₁₁₄	2009 10 06.6	00 49.08 +11 38.5 18.7	-0.74	-12.0	2.5/09.1	62535
2008 ES ₉₁	2009 10 06.6	00 49.09 -28 56.8 21.8	-0.98	- 4.3	10.2/24.9	39296
2005 TC ₁₃₃	2009 10 06.6	00 49.11 +19 52.4 19.7	-0.84	- 3.5	4.4/11.3	61948
2004 TT ₂₀₇	2009 10 06.6	00 49.11 +10 56.0 19.7	-0.72	- 7.3	1.9/08.6	76522
2004 RP ₁₆₁	2009 10 06.6	00 49.13 +31 20.8 19.3	-0.88	- 4.4	10.1/16.4	62398
2005 UW ₁₉₃	2009 10 06.6	00 49.14 +00 52.4 20.5	-0.89	- 4.4	1.5/05.3	62449
2002 CO ₃₁₅	2009 10 06.6	00 49.16 -16 18.0 19.3	-0.56	- 1.7	4.1/29.2	62343
2001 WX ₅	2009 10 06.6	00 49.19 +17 06.5 19.8	-0.84	- 7.4	3.9/10.8	62328
2006 YW ₁₂	2009 10 06.6	00 49.19 -18 48.2 20.3	-0.84	- 6.8	8.4/27.8	19693
2008 GP ₇	2009 10 06.6	00 49.20 +01 24.3 21.5	-0.93	- 6.6	1.3/05.4	39048

2007 EF ₅₁	2009 10 06.6	00 49.25 +06 03.5 20.8	-0.76	- 4.8	0.2/06.9	62511
2001 XE ₇₀	2009 10 06.6	00 49.26 -03 43.4 19.4	-0.88	- 5.0	3.2/03.8	62331
2001 UL ₂₉	2009 10 06.6	00 49.26 -13 53.7 19.0	-1.05	+ 1.7	8.3/02.0	62324
2008 GQ ₆₂	2009 10 06.6	00 49.26 +07 37.6 20.8	-0.92	- 6.9	0.8/07.4	62533
2006 DQ ₅	2009 10 06.6	00 49.34 -00 36.4 20.6	-0.79	- 4.6	1.8/04.8	62480
2008 GC ₁₂₀	2009 10 06.6	00 49.36 -03 02.2 20.9	-1.05	- 3.2	3.3/04.3	40592
2008 CG ₁₉₅	2009 10 06.6	00 49.40 +10 13.5 19.6	-1.10	- 2.8	2.1/08.0	40196
2008 KC ₈	2009 10 06.6	00 49.45 +03 20.4 21.7	-0.89	- 6.5	0.7/06.1	40053
2006 YO ₁₆	2009 10 06.6	00 49.49 +02 06.6 21.0	-0.91	- 5.3	1.1/05.7	62498
2007 AX ₂₃	2009 10 06.6	00 49.49 +03 36.6 20.7	-0.89	- 6.6	0.6/06.1	62499
2004 TA ₂₂₃	2009 10 06.6	00 49.50 -24 44.0 18.6	-0.81	- 1.8	10.8/26.4	62408
2006 DH ₁₇₅	2009 10 06.6	00 49.53 +16 34.5 20.2	-0.99	+ 0.2	3.1/09.7	02300
2006 XB ₄₃	2009 10 06.6	00 49.53 +14 25.4 20.5	-0.98	- 5.8	3.5/09.6	18183
2005 QD ₆₂	2009 10 06.7	00 49.45 +03 59.1 20.3	-0.94	- 5.3	0.5/06.3	61927
2008 GO ₁₃₂	2009 10 06.7	00 49.45 -21 49.2 20.3	-0.94	- 2.5	9.3/28.1	40764
2005 SS ₂₃₃	2009 10 06.7	00 49.46 +09 09.3 19.6	-0.81	- 8.5	1.4/08.1	62437
2008 TJ ₅₃	2009 10 06.7	00 49.47 +09 03.6 20.0	-0.53	- 2.5	0.7/08.0	62102
2008 GV ₆₄	2009 10 06.7	00 49.50 +01 20.3 20.3	-0.93	- 5.0	1.6/05.5	62534
2007 CG ₆₅	2009 10 06.7	00 49.53 +13 16.1 21.1	-0.87	- 3.5	2.3/09.2	62504
2002 VA ₆₇	2009 10 06.7	00 49.56 +06 19.6 18.6	-0.74	- 9.4	0.5/07.1	61872
2001 SG ₃₇	2009 10 06.7	00 49.57 -02 32.6 18.7	-0.75	-27.5	3.5/03.2	62318
2006 XD ₆₉	2009 10 06.7	00 49.61 +09 58.7 19.2	-0.87	- 6.8	2.2/08.3	62497
2005 SP ₁₇₆	2009 10 06.7	00 49.63 +09 59.1 19.8	-0.87	- 7.2	1.7/08.3	62436
2009 SB ₁₂₀	2009 10 06.7	00 49.64 +07 22.9 18.7	-0.69	- 8.0	1.0/07.5	62218
2002 QJ ₈₂	2009 10 06.7	00 49.71 -07 35.1 20.0	-0.91	- 7.1	5.6/02.4	40365
2002 CD ₂₇₂	2009 10 06.7	00 49.72 -06 31.7 19.6	-0.49	- 2.1	2.0/02.7	62342
2001 TF ₁₄₉	2009 10 06.7	00 49.73 -06 52.8 19.1	-0.94	- 2.7	5.3/03.3	62322
2001 VK ₆₆	2009 10 06.7	00 49.76 +17 52.9 18.5	-0.85	- 7.0	4.8/11.1	17970
2006 XH ₂₇	2009 10 06.7	00 49.76 -08 06.5 20.1	-0.98	- 4.0	5.0/02.7	62496
2001 YO ₈₄	2009 10 06.7	00 49.82 -14 22.1 19.4	-0.85	- 4.6	7.0/30.2	62335
2003 GO ₂₇	2009 10 06.7	00 49.82 +06 19.1 20.8	-0.51	- 2.4	0.2/07.1	61877
2007 BV ₄₉	2009 10 06.7	00 49.82 -08 34.6 21.1	-0.86	- 7.9	4.6/01.9	19696
2005 WQ ₁₁₉	2009 10 06.7	00 49.83 -01 03.0 19.5	-0.82	- 5.5	2.7/04.7	62463
2005 TW ₁₄₄	2009 10 06.7	00 49.83 -07 04.5 20.8	-1.04	- 0.7	4.4/03.5	26065
2009 SJ ₂₇	2009 10 06.7	00 49.86 +04 11.5 18.6	-0.67	- 9.6	0.5/06.4	62204
2008 EH ₂₁	2009 10 06.7	00 49.87 +08 16.2 21.1	-0.99	- 6.3	1.1/07.7	39293
2005 JC ₈₉	2009 10 06.7	00 49.88 -03 41.9 20.7	-1.09	- 3.6	3.8/04.3	89664
2008 EC ₁₀₀	2009 10 06.7	00 49.89 -08 59.0 20.6	-1.07	- 2.6	5.1/02.8	41512
2004 VJ ₂₃	2009 10 06.8	00 49.81 -06 04.9 18.8	-0.80	- 3.5	3.9/03.2	62411
2002 EL ₂₃	2009 10 06.8	00 49.83 -11 13.4 20.5	-0.47	- 5.0	3.0/30.6	47207
2009 RK ₂₇	2009 10 06.8	00 49.84 +07 22.7 18.8	-0.89	- 0.9	0.8/07.4	62186
2004 HU ₆₈	2009 10 06.8	00 49.87 -02 18.5 20.5	-0.95	- 4.2	2.8/04.5	62392
2006 BE ₁₁₀	2009 10 06.8	00 49.89 -10 35.9 19.8	-0.70	- 5.2	4.7/01.3	62477
2005 YS ₈₁	2009 10 06.8	00 49.91 -10 49.1 20.6	-0.74	- 4.7	4.7/01.4	98046
2009 RT ₄₀	2009 10 06.8	00 49.91 +14 47.5 20.4	-0.84	- 3.1	3.0/09.7	62193
2005 QY ₄₁	2009 10 06.8	00 49.91 +02 09.6 19.1	-0.81	- 9.1	1.3/05.7	62426
2008 EA ₄₂	2009 10 06.8	00 49.92 +02 32.4 19.3	-1.03	- 1.4	1.0/06.1	62527
2004 CX ₄₇	2009 10 06.8	00 49.94 +11 27.4 21.2	-1.03	- 5.3	2.3/08.7	14079
2002 XJ ₉₅	2009 10 06.8	00 49.96 +01 43.3 19.6	-0.95	- 5.1	1.6/05.7	62364
2004 VB ₃₂	2009 10 06.8	00 49.96 -01 23.7 19.2	-0.76	- 4.7	2.5/04.6	62411
2002 YE ₆	2009 10 06.8	00 49.97 -09 43.5 20.2	-0.96	- 4.8	6.0/02.0	18033

2001 TN ₉₉	2009 10 06.8	00 49.99 +11 19.0 19.3	-0.85 - 6.6	2.5/08.8	62322	2006 CN ₂₉	2009 10 07.0	00 50.59 +32 43.4 19.9	-0.99 - 0.7	9.2/15.9	09513
2009 RB ₃₀	2009 10 06.8	00 49.99 +10 44.3 19.5	-0.91 - 6.8	2.2/08.6	62187	2002 TX ₂₄₃	2009 10 07.0	00 50.62 +07 12.4 18.7	-0.90 - 4.8	0.9/07.6	62359
2002 TU ₂₇₅	2009 10 06.8	00 49.99 +12 59.3 18.6	-0.69 -10.2	3.7/09.7	61867	2004 JQ ₄₅	2009 10 07.0	00 50.65 -17 39.9 20.1	-0.90 - 3.6	7.5/29.7	58478
2005 VU ₃₇	2009 10 06.8	00 50.00 +10 23.7 20.1	-0.87 - 5.9	1.7/08.5	62457	2004 CC ₁₁₅	2009 10 07.0	00 50.66 +12 41.6 20.4	-0.95 - 7.2	2.6/09.4	62385
2006 YC ₄	2009 10 06.8	00 50.01 -03 08.3 21.5	-0.89 - 4.5	2.6/04.2	40443	2002 NE ₅₇	2009 10 07.0	00 50.66 -09 32.6 19.6	-0.90 - 6.6	6.6/02.1	62349
2007 CC ₆	2009 10 06.8	00 50.02 +09 32.1 20.7	-0.99 - 5.1	1.7/08.1	62502	2005 YA ₂₈	2009 10 07.0	00 50.70 +03 14.7 20.8	-0.76 - 4.4	0.6/06.3	62468
2007 DB ₆₀	2009 10 06.8	00 50.02 +24 38.9 19.7	-0.93 - 1.8	5.2/12.9	59789	2005 XF ₇₀	2009 10 07.0	00 50.73 -04 54.8 19.3	-0.89 - 2.2	3.7/04.0	62467
2009 RA ₃₀	2009 10 06.8	00 50.02 +12 20.9 19.8	-0.90 - 1.7	2.4/08.9	62187	2007 BP ₇₆	2009 10 07.0	00 50.73 +11 05.4 20.0	-0.96 - 4.4	2.4/08.8	62037
2003 FL ₇₂	2009 10 06.8	00 50.03 -09 06.8 21.2	-0.80 - 4.9	4.1/02.2	14702	2004 XG ₁₈	2009 10 07.0	00 50.73 +00 07.0 19.4	-0.76 - 4.5	1.8/05.3	62414
2008 EB ₇₆	2009 10 06.8	00 50.06 -01 47.5 19.5	-0.87 - 6.1	2.9/04.6	62527	2005 QD ₅₃	2009 10 07.0	00 50.73 -15 08.9 20.4	-0.85 -10.4	6.6/29.5	59101
2004 QV ₁	2009 10 06.8	00 50.07 +05 00.0 18.2	-0.58 -15.9	0.1/06.7	62396	2005 NJ ₁₀	2009 10 07.0	00 50.75 +10 50.6 20.6	-0.98 - 6.3	2.0/08.7	40135
2000 SY ₆	2009 10 06.8	00 50.13 +22 06.3 19.1	-0.82 - 7.9	5.9/12.9	62307	2007 PK ₂	2009 10 07.0	00 50.76 -13 27.3 20.4	-0.47 - 3.7	3.2/30.1	31536
2000 TG ₄₃	2009 10 06.8	00 50.15 -08 47.5 18.3	-1.06 + 2.8	6.2/03.6	62309	2001 BA ₂	2009 10 07.0	00 50.76 +06 11.7 20.8	-1.00 - 7.3	0.3/07.3	58406
2009 RW ₁₁	2009 10 06.8	00 50.17 +03 40.7 20.7	-0.78 - 6.7	0.6/06.3	62179	2004 TS ₂₂₀	2009 10 07.0	00 50.78 +17 10.3 19.0	-0.86 - 2.6	3.7/10.7	62408
2002 CY ₃₀₈	2009 10 06.8	00 50.18 -01 48.9 20.3	-0.80 - 5.6	2.3/04.5	62342	2008 FX ₂₀	2009 10 07.0	00 50.80 -06 07.3 19.0	-0.85 - 7.5	4.9/03.2	62083
2008 RK ₅₀	2009 10 06.8	00 50.20 +14 38.2 20.7	-0.50 - 3.2	1.6/10.2	62542	2002 RN ₁₃₄	2009 10 07.0	00 50.82 -09 24.2 18.8	-0.95 - 2.4	7.0/02.7	62354
2006 BO ₈₆	2009 10 06.8	00 50.22 -00 03.4 19.6	-0.77 - 4.6	1.8/05.1	62477	2005 UX ₄₉₈	2009 10 07.0	00 50.84 -10 47.1 19.1	-0.75 - 9.3	6.2/30.9	61979
2007 DF ₁₀₆	2009 10 06.8	00 50.22 +03 01.3 19.5	-0.78 - 5.7	0.8/06.1	62508	2004 RJ ₂₀₇	2009 10 07.0	00 50.86 +22 26.7 19.3	-0.81 - 7.4	5.5/13.3	62400
2005 MS ₅₃	2009 10 06.8	00 50.24 +08 41.3 20.2	-0.97 - 5.7	1.3/07.9	62422	2002 EJ ₄₀	2009 10 07.0	00 50.86 -02 18.3 19.6	-0.73 - 8.4	2.4/04.3	62343
2005 VG ₉₁	2009 10 06.8	00 50.25 +22 08.6 20.5	-0.87 - 5.7	5.5/12.6	97971	2002 QU ₁₀₄	2009 10 07.0	00 50.87 +16 26.1 19.7	-1.00 - 6.2	4.6/10.5	62352
2004 BZ ₁₅₇	2009 10 06.8	00 50.26 +02 18.3 21.2	-0.94 - 7.1	1.1/05.9	62384	2008 GQ ₅	2009 10 07.0	00 50.87 -01 18.6 20.2	-0.91 - 7.4	2.7/04.9	62532
2007 EV ₅₇	2009 10 06.9	00 50.17 -02 27.8 20.0	-0.79 - 6.2	2.7/04.3	62511	2007 AA ₁	2009 10 07.0	00 50.90 +06 30.2 20.7	-0.94 - 6.0	0.4/07.4	62498
2000 GJ ₁₁	2009 10 06.9	00 50.17 +04 39.4 21.2	-0.95 - 4.6	0.2/06.7	12734	2004 SO ₅₄	2009 10 07.0	00 50.92 -20 56.0 18.7	-0.76 - 2.2	10.7/27.8	74366
2004 HQ ₃₅	2009 10 06.9	00 50.17 +04 14.4 20.8	-0.85 - 8.3	0.4/06.5	62392	2007 CE ₁₉	2009 10 07.0	00 50.93 +08 04.9 21.3	-0.94 - 4.6	0.9/07.9	62502
2007 HF ₄₅	2009 10 06.9	00 50.18 -19 15.9 21.0	-0.78 - 2.5	6.1/28.9	62520	2009 QZ ₄₇	2009 10 07.0	00 50.93 -01 38.1 19.2	-0.47 - 4.6	1.4/04.5	62170
2004 TA ₂₉₃	2009 10 06.9	00 50.20 +08 27.4 19.9	-0.79 - 4.5	1.0/07.9	62409	2006 AS ₇₄	2009 10 07.0	00 50.94 +28 33.0 21.2	-0.88 - 1.9	5.5/14.4	02270
2008 JS ₄	2009 10 06.9	00 50.24 -00 55.1 19.4	-1.02 0.0	2.4/05.3	62538	2004 XR ₆	2009 10 07.1	00 50.90 +26 22.0 19.3	-0.83 - 4.5	7.0/14.2	61913
2007 CO ₈	2009 10 06.9	00 50.25 -12 40.9 20.3	-0.84 - 5.8	6.6/30.9	60886	2007 DD ₆₀	2009 10 07.1	00 50.92 -02 24.6 20.4	-0.79 - 8.4	2.5/04.3	62507
2007 ED ₂₁₄	2009 10 06.9	00 50.30 +04 12.3 20.2	-0.77 - 7.3	0.4/06.5	62516	2009 RD ₃₀	2009 10 07.1	00 50.92 +11 21.2 20.5	-0.89 - 2.7	2.8/08.9	62187
1995 WJ ₁₆	2009 10 06.9	00 50.32 +03 19.2 20.5	-1.01 - 4.0	0.7/06.3	62292	2005 KG ₁₃	2009 10 07.1	00 50.93 +01 54.4 20.8	-0.98 - 7.0	1.4/06.0	62420
2007 HG ₇₈	2009 10 06.9	00 50.36 -03 33.9 19.7	-0.71 - 7.0	2.6/03.8	62521	2006 BM ₂₇₄	2009 10 07.1	00 50.93 +00 08.8 20.1	-0.69 - 5.9	1.5/05.3	19690
2006 WN ₁₇₂	2009 10 06.9	00 50.39 +07 35.2 19.5	-0.97 - 7.0	0.9/07.6	62495	2001 VX ₈₀	2009 10 07.1	00 50.96 +09 11.3 18.4	-0.85 - 5.2	1.6/08.3	62327
2005 WK ₁₂₆	2009 10 06.9	00 50.39 +07 37.4 19.8	-0.81 - 6.3	0.9/07.7	61993	2008 JJ ₇	2009 10 07.1	00 50.96 -15 08.3 19.9	-0.86 - 3.3	6.6/30.7	62538
2004 DE ₃₆	2009 10 06.9	00 50.39 +10 11.2 20.7	-0.96 - 6.0	1.6/08.4	62385	2005 YH ₃₄	2009 10 07.1	00 51.01 +11 19.0 20.3	-0.85 - 4.8	2.2/09.0	62000
2004 XA ₁₃	2009 10 06.9	00 50.41 -10 33.1 19.1	-0.78 - 2.7	5.1/01.9	62414	2005 TJ ₄₁	2009 10 07.1	00 51.01 +10 26.7 20.1	-0.81 - 9.6	1.7/08.9	62439
2001 UB ₂₁₃	2009 10 06.9	00 50.42 -00 35.8 19.9	-0.88 - 5.8	2.4/05.0	62326	2002 GJ ₁₈₂	2009 10 07.1	00 51.03 +02 47.0 20.3	-0.76 - 9.6	0.9/06.2	61848
2007 BS ₁₈	2009 10 06.9	00 50.44 +02 54.9 20.1	-0.94 - 5.3	1.0/06.2	62500	2005 UR ₂₃₀	2009 10 07.1	00 51.06 +01 35.5 18.5	-0.79 - 7.3	1.5/05.8	62450
2005 YT ₁₆₇	2009 10 06.9	00 50.49 -09 19.1 21.1	-0.70 - 5.0	3.7/01.9	21352	2002 QO ₁₀₅	2009 10 07.1	00 51.07 -01 10.2 19.8	-1.00 - 5.0	2.9/05.1	62352
2005 TG ₁₁₁	2009 10 06.9	00 50.50 +09 03.1 20.8	-0.88 - 6.0	1.4/08.2	61947	2003 SJ ₇	2009 10 07.1	00 51.16 +00 35.6 20.2	-0.68 - 7.4	1.4/05.4	62375
2003 SW ₂₄₃	2009 10 06.9	00 50.53 +05 23.2 20.8	-0.78 - 3.4	0.0/07.0	61881	2006 CH ₆₁	2009 10 07.1	00 51.19 +20 36.4 19.4	-0.80 - 4.0	4.5/12.2	60860
2006 HY ₃₆	2009 10 06.9	00 50.54 +07 38.9 19.7	-0.72 - 8.3	0.7/07.8	62483	2001 FY ₇₃	2009 10 07.1	00 51.22 +07 00.8 20.7	-0.83 - 1.9	0.4/07.6	62313
2009 SP ₅₂	2009 10 06.9	00 50.56 +02 13.0 21.0	-0.77 - 5.8	1.1/05.9	62209	2007 BR ₃₄	2009 10 07.1	00 51.25 +07 10.4 20.3	-0.88 - 5.5	0.6/07.7	62500
2002 XH ₆₈	2009 10 06.9	00 50.56 +11 40.5 19.1	-1.03 - 1.9	2.9/08.7	62364	2001 DZ ₁₆	2009 10 07.1	00 51.25 +04 54.3 19.1	-0.86 - 2.4	0.2/07.0	62312
2000 AW ₂₃₁	2009 10 06.9	00 50.57 -05 29.3 18.8	-0.77 - 5.8	4.2/03.2	62302	2004 TA ₁₃₆	2009 10 07.1	00 51.26 +11 42.4 19.0	-0.91 - 1.7	2.1/09.0	62406
2002 BC ₂₄	2009 10 06.9	00 50.57 +04 03.4 19.8	-0.92 - 2.8	0.4/06.6	62339	2005 UT ₄₄₄	2009 10 07.1	00 51.26 +25 21.2 18.9	-0.82 - 8.1	7.3/14.6	61977
2007 BG ₆₅	2009 10 06.9	00 50.59 +13 23.7 19.6	-1.02 - 4.0	3.6/09.3	62036	2008 FG ₁₁₃	2009 10 07.1	00 51.27 +01 20.2 21.1	-0.93 - 5.5	1.5/05.9	62531
2005 SN ₁₂₉	2009 10 06.9	00 50.63 +01 42.2 18.2	-1.23 + 7.0	1.9/06.4	62435	2001 UP ₃₃	2009 10 07.1	00 51.31 -07 50.8 18.7	-0.82 - 3.0	6.4/03.0	62324
2001 TO ₅₀	2009 10 06.9	00 50.63 +01 44.8 18.9	-1.27 + 4.9	1.7/06.3	62321	2008 CV ₁₈₅	2009 10 07.1	00 51.31 -42 53.1 19.4	-1.04 - 6.1	21.6/20.0	62524
2006 DR ₃₂	2009 10 07.0	00 50.53 +06 38.9 19.9	-0.77 - 4.2	0.4/07.4	62480	2002 DA ₄	2009 10 07.1	00 51.41 -11 21.2 19.6	-1.59 + 4.1	7.3/03.7	97576
2000 ED ₇₈	2009 10 07.0	00 50.54 -03 35.1 19.9	-0.90 - 6.5	3.0/04.1	62304	2006 XC ₃₈	2009 10 07.2	00 51.30 -00 37.6 19.8	-0.98 - 5.7	2.3/05.3	14819
2005 US ₁₅₄	2009 10 07.0	00 50.55 +08 34.7 19.9	-0.83 - 6.2	1.1/08.0	62447	2003 RY ₂₂	2009 10 07.2	00 51.33 +25 33.4 18.2	-0.69 -11.3	6.0/15.4	62374

1999 XM ₂₂₅	2009 10 07.2	00 51.34 +19 21.2 20.6	-0.98	- 4.9	6.1/11.6	62301
2007 BK ₆	2009 10 07.2	00 51.39 -07 27.4 19.9	-0.93	- 4.1	4.6/03.3	62500
2004 BX ₂₇	2009 10 07.2	00 51.40 -03 21.3 21.0	-0.93	- 6.0	3.0/04.4	40119
2005 TV ₈₀	2009 10 07.2	00 51.43 +12 38.9 20.1	-0.72	-11.0	3.1/10.0	62440
2005 QT ₁₈₇	2009 10 07.2	00 51.44 +08 39.9 20.4	-0.94	- 5.8	1.3/08.2	62430
2005 QS ₁₀₈	2009 10 07.2	00 51.44 +10 45.3 19.4	-0.99	- 3.6	2.0/08.8	62428
2005 SA ₁₁₀	2009 10 07.2	00 51.45 +05 38.5 20.2	-0.93	- 4.4	0.0/07.3	61937
2007 EX ₁₅₉	2009 10 07.2	00 51.45 -06 27.3 20.0	-0.69	- 6.3	3.2/03.1	62514
2007 EZ ₄₈	2009 10 07.2	00 51.49 +02 16.0 21.4	-0.79	- 6.5	0.9/06.2	62052
2006 BM ₈₂	2009 10 07.2	00 51.54 +10 52.9 20.3	-0.79	- 4.4	1.5/09.0	62477
2002 BW ₂₉	2009 10 07.2	00 51.54 +12 30.1 19.8	-1.04	- 1.1	2.5/09.1	62339
2001 TJ ₁₇₈	2009 10 07.2	00 51.54 +10 33.1 19.9	-0.94	- 4.2	2.1/08.8	62323
2003 BP ₄	2009 10 07.2	00 51.55 +01 46.9 20.1	-0.81	- 8.2	1.3/06.0	62366
2004 RD ₂₉	2009 10 07.2	00 51.56 +57 14.0 20.1	-1.67	+ 0.1	14.8/30.0	37358
2007 DF ₁₅	2009 10 07.2	00 51.57 -15 38.6 20.7	-0.79	- 6.8	7.3/29.7	22581
2005 WB ₁₀₇	2009 10 07.2	00 51.57 +04 33.2 20.4	-0.83	- 5.9	0.3/07.0	62462
2009 SV ₁₁₇	2009 10 07.2	00 51.57 +10 25.1 20.6	-0.85	- 4.5	1.6/08.8	62217
2001 WW ₁₈	2009 10 07.2	00 51.58 +03 32.6 19.8	-0.97	- 4.4	0.7/06.7	62329
2004 EB ₁₀	2009 10 07.2	00 51.59 +09 57.3 21.2	-1.01	- 5.1	1.6/08.6	00710
2008 CM ₁₈₁	2009 10 07.2	00 51.61 +33 13.0 20.2	-1.45	- 0.3	12.0/15.0	39287
2004 TD ₃₆₉	2009 10 07.2	00 51.62 +01 09.3 20.3	-0.81	- 2.9	1.3/06.0	41820
2000 QH ₁₄₅	2009 10 07.2	00 51.65 +04 05.6 18.4	-0.99	- 0.1	0.6/06.9	62306
2003 FC ₃	2009 10 07.2	00 51.65 -30 58.3 19.5	-1.55	+ 4.8	16.6/29.2	37988
2001 XM ₁₃₆	2009 10 07.2	00 51.65 -13 46.8 19.8	-0.84	- 3.9	9.8/30.8	94362
2003 HS ₃	2009 10 07.2	00 51.68 -00 36.3 20.4	-0.86	- 3.6	2.0/05.4	62371
2005 WV ₁₅₈	2009 10 07.2	00 51.68 +13 58.5 19.2	-0.87	- 5.9	3.5/10.0	61995
2003 OK ₁₄	2009 10 07.3	00 51.64 +15 19.6 19.3	-0.72	- 9.2	2.9/11.0	62372
2005 VW ₄₇	2009 10 07.3	00 51.65 +04 34.9 19.0	-0.80	- 6.9	0.4/07.0	61983
2007 FV ₂₂	2009 10 07.3	00 51.67 +02 05.0 20.2	-0.77	- 3.4	1.0/06.2	62517
2005 UL ₁₅₅	2009 10 07.3	00 51.68 -08 25.3 19.1	-0.78	- 4.5	6.6/02.8	62447
2001 VR ₂₀	2009 10 07.3	00 51.68 +12 00.7 19.1	-0.79	- 8.0	2.7/09.6	62327
2005 SL ₅₂	2009 10 07.3	00 51.72 +06 11.1 19.3	-0.89	- 6.0	0.3/07.5	62432
2002 EB ₈₀	2009 10 07.3	00 51.74 -00 27.2 19.4	-0.48	- 3.5	1.1/05.2	62344
2008 FL ₃	2009 10 07.3	00 51.76 -04 19.8 20.2	-0.91	- 7.7	4.4/04.1	62529
2006 BO ₅₀	2009 10 07.3	00 51.79 +16 24.7 20.5	-0.86	- 2.9	3.5/10.7	03842
2003 SN	2009 10 07.3	00 51.85 +13 00.4 20.0	-0.81	- 2.8	2.2/09.6	62374
2003 SA ₃₂₃	2009 10 07.3	00 51.89 +15 06.8 20.8	-0.81	- 2.8	2.7/10.3	61881
2005 SE ₆₄	2009 10 07.3	00 51.90 +05 09.9 20.3	-0.81	- 4.9	0.2/07.2	61935
2003 YC ₁₃₅	2009 10 07.3	00 51.90 -29 42.1 20.4	-1.04	- 2.0	10.9/26.2	40118
2009 QN ₈	2009 10 07.3	00 51.92 +01 15.1 18.1	-0.65	-15.6	2.0/05.6	62140
2005 WW ₂₆	2009 10 07.3	00 51.93 +14 23.2 19.3	-0.81	- 6.0	3.7/10.3	62460
2005 WK ₁₂₇	2009 10 07.3	00 51.96 -11 55.7 20.2	-0.93	- 1.8	6.3/02.3	98004
2003 BY ₅₈	2009 10 07.3	00 51.98 +19 09.3 19.5	-0.95	- 4.7	4.8/11.7	62367
2005 YL ₁₁₃	2009 10 07.3	00 52.00 -08 53.5 20.1	-0.74	- 3.7	3.8/02.7	20831
2005 YY ₂₀₇	2009 10 07.3	00 52.04 -12 05.3 20.5	-0.74	- 5.1	5.3/01.3	98068
2001 YP ₅₈	2009 10 07.3	00 52.07 -25 09.0 19.2	-0.90	- 0.5	13.8/26.5	62335
2006 XO ₂₈	2009 10 07.3	00 52.09 +16 26.1 19.6	-0.97	- 6.3	4.5/10.9	62496
2009 SG ₁₆	2009 10 07.4	00 52.00 -01 49.2 19.1	-0.76	- 5.8	3.6/04.9	62201
2004 TE ₂₀₈	2009 10 07.4	00 52.02 -10 27.4 20.1	-0.92	+ 0.4	6.0/03.1	74406
2006 BT ₂₀₆	2009 10 07.4	00 52.03 +01 15.5 20.2	-0.73	- 5.4	1.2/06.0	62479
2004 RF ₁₆₉	2009 10 07.4	00 52.04 +07 50.0 19.3	-0.71	-10.8	0.8/08.3	62399

2001 XJ ₁₁₈	2009 10 07.4	00 52.04 -17 14.0 20.3	-0.91	- 4.2	7.3/29.7	20754
2005 ER ₁₄₅	2009 10 07.4	00 52.11 +05 21.0 19.7	-1.13	- 3.1	0.1/07.4	61916
2008 EQ ₁₃₁	2009 10 07.4	00 52.14 -01 09.0 20.7	-0.94	- 5.6	2.5/05.4	62528
2005 UA ₃₉₁	2009 10 07.4	00 52.15 +04 21.2 21.4	-0.82	- 6.7	0.4/07.0	18149
2008 CE ₁₁₅	2009 10 07.4	00 52.15 -18 09.3 20.2	-0.89	-18.0	9.8/27.4	39285
2002 QA ₁₂₉	2009 10 07.4	00 52.16 +04 09.7 20.0	-0.90	- 4.1	0.7/07.0	61856
2005 SJ ₈₂	2009 10 07.4	00 52.16 +07 01.6 20.5	-0.84	- 6.0	0.6/07.9	62433
2001 HP ₆	2009 10 07.4	00 52.17 +01 28.4 21.9	-0.96	- 6.5	1.4/06.1	10766
2008 FL ₄₀	2009 10 07.4	00 52.26 -00 05.8 20.7	-0.97	- 3.8	2.1/05.8	62530
2007 EJ ₉₂	2009 10 07.4	00 52.27 +00 51.3 20.1	-0.84	- 5.0	1.7/06.0	62512
2005 UT ₃₈	2009 10 07.4	00 52.27 -00 54.3 19.1	-0.87	- 4.2	2.5/05.5	62443
2005 WR ₁₄₉	2009 10 07.4	00 52.27 +01 40.2 20.6	-0.88	- 3.4	1.4/06.3	17646
2001 TK ₂₆₀	2009 10 07.4	00 52.28 -00 04.0 21.2	-0.88	- 5.9	2.1/05.6	59385
2007 GF ₄₆	2009 10 07.4	00 52.28 -10 24.6 20.5	-0.83	- 1.3	4.4/02.7	20868
2004 TA ₃₂₈	2009 10 07.4	00 52.30 -13 15.6 19.2	-0.85	- 2.2	6.0/01.8	60818
2005 OG ₂₁	2009 10 07.4	00 52.33 -08 28.9 19.4	-0.87	- 6.9	5.4/02.8	62424
2005 SY ₂₃₉	2009 10 07.4	00 52.33 +14 04.3 19.9	-0.86	- 6.0	3.5/10.3	61943
1996 VW ₁	2009 10 07.4	00 52.33 +00 22.3 18.8	-1.05	+ 0.7	2.8/06.2	38822
2005 WR ₇	2009 10 07.4	00 52.36 -08 59.9 18.9	-0.84	- 4.1	5.9/02.8	62459
2008 DS ₁₈	2009 10 07.4	00 52.36 +02 38.3 19.2	-1.66	+ 4.7	1.4/07.0	62525
2008 RD ₉₅	2009 10 07.5	00 52.44 +07 01.4 20.7	-0.49	- 3.3	0.2/08.0	62542
2005 SW ₂₆₉	2009 10 07.5	00 52.46 +08 19.1 20.2	-0.95	- 4.7	1.0/08.3	62438
2007 AY ₃	2009 10 07.5	00 52.55 +09 41.3 19.9	-0.99	- 3.7	1.4/08.7	62498
2009 SX ₁₂₁	2009 10 07.5	00 52.58 +09 24.0 20.1	-1.02	- 5.4	1.4/08.7	62218
2007 DQ ₃₈	2009 10 07.5	00 52.61 +08 28.2 19.0	-0.91	- 1.2	1.0/08.3	62045
2004 TW ₃₈	2009 10 07.5	00 52.68 +06 18.9 20.4	-0.72	- 7.6	0.2/07.8	62404
2004 GK ₁₁	2009 10 07.5	00 52.68 -14 46.9 22.2	-1.07	- 0.9	6.4/02.4	66356
2005 WU ₉₀	2009 10 07.5	00 52.73 +16 27.8 18.4	-0.73	- 3.5	5.4/11.1	61991
2006 GV ₁₃	2009 10 07.5	00 52.74 +06 24.6 19.9	-0.72	- 5.0	0.2/07.8	62483
2008 GA ₁₃₁	2009 10 07.5	00 52.74 +22 52.5 19.9	-0.89	- 7.8	5.7/13.8	62535
2008 EA ₁₃₁	2009 10 07.5	00 52.76 -03 07.4 20.8	-0.86	- 6.5	3.1/04.8	62528
2000 RD ₅₇	2009 10 07.5	00 52.76 +10 52.5 20.0	-0.83	- 6.0	1.8/09.3	17917
2005 OD ₂₈	2009 10 07.5	00 52.77 +06 57.4 19.8	-0.93	- 6.5	0.5/08.0	62425
2005 US ₉₃	2009 10 07.5	00 52.79 +12 03.2 20.4	-0.86	- 5.5	2.6/09.7	61960
2005 YE ₁₃₀	2009 10 07.6	00 52.73 +05 15.2 19.9	-0.84	- 4.2	0.1/07.5	62471
2005 SY ₄₆	2009 10 07.6	00 52.75 +07 40.1 20.0	-0.94	- 3.8	0.8/08.2	62432
2002 AV ₁₃	2009 10 07.6	00 52.75 -14 36.6 20.9	-0.82	- 4.5	6.0/30.8	40101
2002 CB ₉₂	2009 10 07.6	00 52.78 -03 50.8 20.7	-0.85	- 6.6	3.3/04.4	97564
2006 BE ₁₅₀	2009 10 07.6	00 52.81 -13 27.4 20.4	-0.80	- 3.4	5.5/01.4	21355
2003 KJ ₁₄	2009 10 07.6	00 52.83 +04 12.9 19.6	-0.88	- 4.4	0.5/07.2	62372
2007 CW ₃₇	2009 10 07.6	00 52.83 +07 50.4 20.8	-0.90	- 4.7	0.7/08.3	62503
1995 UV ₇₄	2009 10 07.6	00 52.91 +00 53.0 20.9	-0.92	- 8.2	1.7/06.1	62292
2000 CX ₇₄	2009 10 07.6	00 52.94 +15 22.4 19.3	-1.01	- 4.3	3.9/10.6	62302
2006 BW ₃₀	2009 10 07.6	00 52.94 +11 35.7 20.1	-0.82	- 3.6	1.8/09.5	02272
2005 UV ₃₅₂	2009 10 07.6	00 52.94 +06 35.4 19.9	-1.01	- 1.8	0.3/07.9	62452
2002 JU ₁₂₂	2009 10 07.6	00 52.97 -09 50.4 19.5	-0.73	- 5.5	4.5/02.4	59680
2006 UE ₁₆	2009 10 07.6	00 53.03 +02 13.0 19.7	-0.95	- 7.7	1.5/06.5	62488
2006 QU ₁₂₁	2009 10 07.6	00 53.03 +33 12.9 19.7	-1.47	+ 4.1	14.4/14.5	62016
2006 VW ₄₃	2009 10 07.6	00 53.03 +07 50.8 19.8	-1.01	- 5.6	0.8/08.3	62492
2005 WZ ₄₈	2009 10 07.6	00 53.05 +14 32.2 20.0	-0.82	- 6.2	3.5/10.7	61989
2001 FJ ₁₁₄	2009 10 07.6	00 53.06 -00 35.8 20.4	-0.75	- 4.1	1.7/05.7	62313

2007 CS ₅₇	2009 10 07.6	00 53.11 -19 12.1 20.4	-0.83 - 5.6	8.0/28.9	18199	2000 UQ ₃₈	2009 10 07.8	00 53.72 -00 06.0 18.4	-0.96 - 0.5	2.4/06.3	62309
2003 JL ₁₄	2009 10 07.6	00 53.15 +11 38.7 18.9	-0.69 -13.2	2.1/10.1	62372	2000 DD ₉₅	2009 10 07.8	00 53.73 +07 22.1 19.8	-1.03 - 4.3	0.6/08.3	62303
2008 DS ₁₉	2009 10 07.6	00 53.16 +09 58.4 19.8	-1.01 - 5.4	1.8/09.0	62072	2005 UN ₁₂₉	2009 10 07.8	00 53.73 -04 32.6 19.8	-1.00 - 1.1	3.8/05.1	96159
2005 LL ₁₆	2009 10 07.6	00 53.17 +16 34.3 19.7	-0.94 - 7.2	4.5/11.4	62420	2005 YS ₁₄	2009 10 07.8	00 53.74 -04 30.3 20.4	-0.71 - 4.5	2.7/04.5	20829
2008 KX ₈	2009 10 07.6	00 53.17 -05 34.6 19.4	-0.96 - 3.2	4.9/04.4	62539	2007 BJ ₇₈	2009 10 07.8	00 53.76 +08 04.6 20.4	-0.93 - 6.1	0.9/08.6	62038
2002 GO ₂₉	2009 10 07.7	00 53.10 +07 20.8 20.1	-0.52 - 2.6	0.3/08.3	61847	2005 RM ₂₁	2009 10 07.8	00 53.77 +15 14.0 19.5	-0.92 - 6.8	3.6/11.0	62430
2005 TW ₁₅₆	2009 10 07.7	00 53.13 +09 19.1 20.6	-1.00 - 1.6	1.5/08.7	61948	2008 FT ₉₅	2009 10 07.8	00 53.78 +00 28.2 18.8	-0.86 - 5.2	2.5/06.2	62531
2008 GW ₁₁₁	2009 10 07.7	00 53.13 +02 25.5 21.4	-0.79 - 8.1	0.9/06.6	40213	2004 FB ₂₁	2009 10 07.8	00 53.79 +13 44.0 19.8	-1.04 - 3.6	3.0/10.2	62388
2005 NP ₁₁	2009 10 07.7	00 53.17 -08 18.7 20.1	-1.00 - 5.0	5.3/03.5	58503	2002 JZ ₁₄₈	2009 10 07.8	00 53.79 -01 03.6 19.5	-0.85 - 1.8	2.2/05.9	62348
2007 GY ₁₄	2009 10 07.7	00 53.19 +10 46.1 21.3	-0.79 - 7.0	1.4/09.5	59793	2006 AB ₆₅	2009 10 07.8	00 53.80 +10 52.5 21.2	-0.74 - 4.5	1.3/09.6	43251
2002 LR	2009 10 07.7	00 53.19 -29 52.8 21.5	-0.74 - 4.6	7.9/24.7	40105	2005 UK ₇₃	2009 10 07.8	00 53.80 +01 48.0 19.2	-0.88 - 4.4	1.5/06.7	62445
2007 FK ₁₅	2009 10 07.7	00 53.21 +14 33.0 19.6	-0.95 - 3.6	3.2/10.4	62516	2004 VN ₆₄	2009 10 07.8	00 53.82 +14 17.1 19.0	-0.71 - 7.3	2.7/10.9	62412
2005 UC ₂₀₂	2009 10 07.7	00 53.22 +08 10.8 20.4	-0.82 - 7.0	0.9/08.6	61968	2002 DA ₁₅	2009 10 07.8	00 53.83 -08 46.0 20.0	-0.46 - 4.3	2.5/02.5	41780
2005 UK ₃₁₂	2009 10 07.7	00 53.25 -08 50.7 19.6	-0.96 - 1.8	4.8/03.7	62452	2008 JV ₃₀	2009 10 07.8	00 53.85 -05 15.1 19.6	-0.83 - 5.1	4.2/04.4	62539
2000 DO ₃₅	2009 10 07.7	00 53.29 +00 21.4 20.2	-0.70 - 5.6	1.5/05.9	62303	2006 XK ₁₇	2009 10 07.8	00 53.86 +08 23.9 19.7	-1.03 - 4.6	1.2/08.7	14818
2002 SV ₄₁	2009 10 07.7	00 53.30 +07 37.1 18.7	-0.88 -15.5	0.7/08.5	62356	1993 TG ₃₀	2009 10 07.8	00 53.86 -03 20.3 18.0	-0.93 + 1.3	3.9/05.6	62291
2005 US ₁₈₉	2009 10 07.7	00 53.32 +07 43.0 20.5	-0.86 - 5.6	0.7/08.4	62448	2008 ES ₁₃₄	2009 10 07.8	00 53.87 +03 48.6 21.2	-1.02 - 4.1	0.7/07.3	41917
2004 HK ₆₅	2009 10 07.7	00 53.33 +26 33.1 20.6	-1.01 - 5.1	6.8/14.8	40685	2004 TH ₂₆₇	2009 10 07.8	00 53.88 -04 56.6 19.9	-0.86 - 1.3	2.9/04.8	62409
2008 MY ₄	2009 10 07.7	00 53.34 -07 12.9 19.7	-1.08 + 2.0	4.2/04.8	62098	2008 HX ₅	2009 10 07.9	00 53.82 +01 23.5 20.7	-0.93 - 5.5	1.6/06.6	62536
2006 AH ₈	2009 10 07.7	00 53.34 -22 05.2 20.9	-0.85 - 1.3	6.2/28.8	02268	2002 BN ₃₀	2009 10 07.9	00 53.84 +00 14.3 19.8	-1.10 + 0.2	2.3/06.5	17992
2005 QR ₁₃₆	2009 10 07.7	00 53.42 +00 33.7 20.6	-0.90 - 6.1	1.8/06.1	18118	2007 DF ₁₀₉	2009 10 07.9	00 53.85 -03 32.2 20.0	-0.90 - 1.5	2.6/05.3	38129
2006 DY ₁₇₉	2009 10 07.7	00 53.42 -03 00.9 19.2	-0.70 - 7.7	3.0/04.6	62482	2002 PC ₁₆₀	2009 10 07.9	00 53.85 +01 28.1 20.2	-1.01 - 5.5	1.8/06.6	62351
2001 XV ₂₃₃	2009 10 07.7	00 53.45 -09 05.4 18.7	-0.91 - 1.2	6.6/03.5	62334	2002 RQ ₁₁₅	2009 10 07.9	00 53.86 +04 03.4 18.6	-0.89 - 3.5	0.9/07.4	62354
2005 SL ₇₀	2009 10 07.7	00 53.47 +07 19.9 19.0	-1.00 - 2.0	0.7/08.2	61935	2007 EK ₁₁₇	2009 10 07.9	00 53.86 +01 27.5 20.7	-0.72 - 7.1	1.3/06.4	20855
1999 XF ₂₁₇	2009 10 07.7	00 53.47 +02 40.4 21.3	-0.76 - 4.7	0.9/06.8	10719	2007 DK ₄₂	2009 10 07.9	00 53.88 +11 05.1 19.1	-1.04 - 2.4	2.4/09.4	62506
2004 JF ₃₀	2009 10 07.7	00 53.47 +15 03.6 18.5	-0.81 -10.0	3.4/11.2	62393	2008 GL ₁₂₅	2009 10 07.9	00 53.89 +07 03.7 20.0	-1.03 - 2.9	0.5/08.3	62535
2007 DS ₁₁₄	2009 10 07.7	00 53.47 +00 15.7 20.6	-0.75 - 5.0	1.6/06.0	41323	2003 BP ₂₄	2009 10 07.9	00 53.90 +31 42.2 21.1	-1.00 - 4.1	7.8/16.7	40112
2001 YX ₈	2009 10 07.7	00 53.48 +25 01.3 19.7	-0.97 - 3.0	6.2/13.8	19561	2005 YM ₁	2009 10 07.9	00 53.91 +02 50.1 18.8	-0.96 - 1.8	1.2/07.1	62467
2005 UX ₉₈	2009 10 07.7	00 53.48 +01 52.2 19.6	-0.82 - 7.1	1.4/06.5	62446	2004 NL ₂₀	2009 10 07.9	00 53.95 +24 47.3 19.4	-0.90 - 5.9	6.2/14.6	62394
2003 FA ₆₆	2009 10 07.7	00 53.49 +09 36.6 19.3	-0.77 - 9.0	1.2/09.2	62370	2005 WZ ₁₄₇	2009 10 07.9	00 53.95 -11 00.9 18.7	-0.90 + 0.1	7.7/03.5	62463
2005 WN ₇₆	2009 10 07.7	00 53.51 +22 19.1 20.0	-0.83 - 7.1	6.1/13.7	97993	2007 EJ ₈₁	2009 10 07.9	00 53.99 +10 21.2 20.1	-1.02 - 1.1	1.6/09.2	62512
2002 SK ₃	2009 10 07.7	00 53.51 +05 43.7 20.1	-1.03 - 4.7	0.0/07.8	62355	2002 YC ₃	2009 10 07.9	00 54.00 +02 15.5 19.8	-1.09 - 0.7	1.3/07.0	62364
2005 YQ ₂₀₈	2009 10 07.7	00 53.52 -00 54.8 19.9	-0.91 - 1.9	2.2/05.9	62473	2005 UF ₃₀₅	2009 10 07.9	00 54.00 -04 26.5 19.4	-0.74 - 7.6	4.3/04.3	62451
2008 DX ₂₅	2009 10 07.7	00 53.53 -10 47.2 19.6	-0.86 -23.0	7.1/30.7	62525	2003 SV ₄₂₈	2009 10 07.9	00 54.01 +09 03.6 20.2	-0.69 - 6.6	1.0/09.1	61882
2004 TX ₃₃₆	2009 10 07.7	00 53.53 +02 11.2 19.8	-0.80 - 4.2	1.1/06.7	62410	2008 EQ ₅₂	2009 10 07.9	00 54.02 +07 06.9 19.3	-1.05 - 1.6	0.5/08.3	62078
2005 YM ₂₆₁	2009 10 07.7	00 53.53 -01 28.9 20.5	-0.78 - 4.3	2.2/05.5	62473	2008 QY ₄₁	2009 10 07.9	00 54.08 +17 21.2 20.1	-0.54 - 2.7	2.2/12.0	60908
2005 VE ₄₂	2009 10 07.8	00 53.48 +07 49.8 19.2	-0.80 -10.8	0.8/08.6	62457	2006 DN ₉	2009 10 07.9	00 54.08 +14 06.2 20.1	-0.82 - 2.2	2.1/10.5	60861
2001 XU ₇₁	2009 10 07.8	00 53.48 +12 01.4 19.6	-0.84 - 7.1	2.5/09.9	62331	2006 AM ₇	2009 10 07.9	00 54.09 +00 01.5 19.7	-0.90 - 1.0	1.7/06.4	96888
2005 UX ₄₄	2009 10 07.8	00 53.48 +05 44.7 19.2	-0.74 - 8.7	0.0/07.8	61954	2006 WL ₁₃₇	2009 10 07.9	00 54.09 +10 03.0 20.7	-0.96 - 7.3	1.6/09.3	41293
2007 HU ₂₇	2009 10 07.8	00 53.51 +03 03.1 21.7	-0.76 - 4.7	0.7/06.9	20875	2009 SN ₁₉	2009 10 07.9	00 54.10 -02 38.3 19.6	-0.69 - 7.5	2.7/05.0	62201
1999 CW ₆	2009 10 07.8	00 53.53 -19 15.5 19.9	-0.87 - 5.2	7.7/29.2	17898	2006 QY ₄₀	2009 10 07.9	00 54.12 +32 48.2 20.0	-1.56 + 1.3	12.2/14.8	38088
2007 CY ₄₁	2009 10 07.8	00 53.54 +22 28.1 20.7	-1.00 - 2.7	5.4/12.8	19698	2004 FY ₈₂	2009 10 07.9	00 54.13 +19 17.2 19.7	-0.93 - 7.4	4.6/12.6	40685
1997 GY ₃	2009 10 07.8	00 53.55 +08 31.9 21.0	-1.01 - 4.4	1.0/08.6	62293	2008 KF ₄₁	2009 10 07.9	00 54.16 +06 29.6 20.2	-0.75 -11.7	0.3/08.2	62540
2007 BC ₁₁	2009 10 07.8	00 53.55 -08 25.8 20.9	-0.86 - 5.0	4.4/03.3	24510	2006 AW ₆₅	2009 10 07.9	00 54.16 +41 40.6 23.0	-0.96 - 1.8	8.3/20.8	98084
2008 EK ₉	2009 10 07.8	00 53.55 +38 33.3 19.0	-1.90 +13.3	19.4/11.9	62076	2006 DN ₁₄₉	2009 10 07.9	00 54.18 +05 17.7 19.5	-0.70 - 5.9	0.2/07.8	62481
2005 UT ₂₂₆	2009 10 07.8	00 53.62 +01 57.3 19.9	-0.90 - 4.5	1.4/06.7	62450	2005 UQ ₃₉	2009 10 07.9	00 54.19 +08 43.9 20.6	-0.82 - 6.2	0.9/09.0	62443
2005 SS ₄₆	2009 10 07.8	00 53.65 +07 56.3 20.0	-1.13 + 0.3	0.9/08.4	61934	2004 FL ₁₃₄	2009 10 07.9	00 54.19 +14 50.6 19.8	-0.97 - 6.4	3.3/10.9	60802
2006 DZ ₁₁₉	2009 10 07.8	00 53.68 +07 25.6 20.2	-0.84 - 2.4	0.5/08.3	62013	2001 XA ₂₅₉	2009 10 07.9	00 54.21 -03 29.1 20.0	-0.79 - 8.5	4.0/04.7	62334
2005 UP ₃₀₈	2009 10 07.8	00 53.69 +06 51.3 20.1	-0.84 - 5.5	0.4/08.2	61974	2009 SU ₁₁₇	2009 10 07.9	00 54.22 +09 20.7 19.9	-0.69 - 9.3	1.2/09.3	62217
2002 PU ₃₄	2009 10 07.8	00 53.72 +18 21.3 20.2	-1.06 - 5.4	4.8/11.7	62350	1999 UF ₄₇	2009 10 07.9	00 54.25 +16 22.8 18.5	-0.75 - 7.5	3.5/11.8	62299
2005 UG ₁₇₄	2009 10 07.8	00 53.72 +10 48.4 20.1	-0.89 - 4.5	2.0/09.4	62448	2005 YL ₉	2009 10 07.9	00 54.26 +06 12.1 20.4	-0.86 - 4.8	0.1/08.1	62467

2005 QB ₁₅₆	2009 10 07.9	00 54.27 +33 10.8 18.7	-1.01 - 2.2	11.7/17.1	62429
2007 DQ ₂₅	2009 10 08.0	00 54.19 +08 47.0 20.1	-0.90 - 3.5	1.0/08.9	20849
2003 SL ₂₀₂	2009 10 08.0	00 54.24 +03 50.7 19.6	-0.69 - 6.2	0.5/07.3	62376
2001 SH ₈₉	2009 10 08.0	00 54.26 +14 23.3 19.7	-0.97 - 4.1	3.5/10.6	62318
2005 YM ₂₈₇	2009 10 08.0	00 54.27 -22 39.7 19.2	-0.70 - 6.4	8.0/27.1	62473
2005 SC ₉₁	2009 10 08.0	00 54.32 +08 45.8 19.7	-0.79 -10.6	1.0/09.1	62433
2005 WV ₁₂₁	2009 10 08.0	00 54.32 -19 57.8 20.6	-0.99 - 1.6	9.9/29.7	04365
2008 GL ₉₅	2009 10 08.0	00 54.36 -00 40.3 18.6	-1.02 - 0.6	3.1/06.4	40212
2002 GA ₁₀₅	2009 10 08.0	00 54.36 -08 25.1 19.3	-0.72 - 7.0	4.3/03.0	62346
2007 DF ₁₁₀	2009 10 08.0	00 54.41 -04 14.8 20.4	-0.94 - 2.1	3.2/05.2	40455
2008 GW ₇₆	2009 10 08.0	00 54.45 -01 36.8 20.8	-0.87 - 7.8	2.8/05.6	41612
2004 CU	2009 10 08.0	00 54.48 +05 22.7 19.6	-1.05 - 4.5	0.2/07.9	62384
2005 UB ₅₀	2009 10 08.0	00 54.49 +17 46.5 19.5	-0.81 - 9.9	4.1/12.4	62444
2006 TA ₁₈	2009 10 08.0	00 54.50 +00 37.9 20.6	-1.02 - 6.3	2.0/06.5	38100
2008 JP ₁	2009 10 08.0	00 54.50 +06 54.2 21.4	-0.96 - 5.3	0.4/08.4	50128
2005 YF ₁₃	2009 10 08.0	00 54.50 +23 12.2 20.4	-0.85 - 4.3	5.9/13.9	56037
2008 FK ₆₁	2009 10 08.0	00 54.52 -01 48.9 18.6	-0.89 - 5.1	3.6/05.7	62086
2005 NY ₂₁	2009 10 08.0	00 54.52 +10 34.7 20.6	-0.97 - 6.8	1.7/09.6	62422
2005 NB ₁₂₃	2009 10 08.0	00 54.52 +03 18.7 19.3	-1.13 - 0.8	1.1/07.4	62424
2008 FH ₆₉	2009 10 08.0	00 54.55 +00 39.4 21.2	-0.95 - 5.2	1.8/06.5	40749
2005 US ₁₂₃	2009 10 08.0	00 54.55 +07 07.0 20.2	-0.87 - 5.4	0.5/08.5	61963
2004 XF ₇₅	2009 10 08.0	00 54.56 +01 15.2 18.2	-0.72 - 4.1	1.9/06.6	62415
2004 FG ₄₅	2009 10 08.0	00 54.56 -00 25.2 19.7	-0.97 - 5.3	2.3/06.2	62389
2008 ES ₁₄₉	2009 10 08.0	00 54.58 +03 53.9 20.8	-0.93 - 8.6	0.7/07.4	40202
2008 GF ₆₄	2009 10 08.0	00 54.60 +01 56.9 20.6	-0.86 - 5.8	1.3/06.8	62533
2005 UM ₄₂	2009 10 08.0	00 54.61 +10 32.8 19.5	-0.77 - 9.6	1.9/09.8	62444
2005 UB ₅₆	2009 10 08.0	00 54.62 -06 28.9 18.5	-0.97 + 0.2	5.4/04.9	62444
2004 PC ₃	2009 10 08.0	00 54.65 +27 06.9 20.1	-1.04 - 2.2	7.0/14.7	19615
2005 UO ₂₉₃	2009 10 08.1	00 54.57 +06 41.5 20.2	-0.91 - 3.9	0.3/08.4	62451
2007 CA ₃₇	2009 10 08.1	00 54.57 +08 49.7 21.1	-0.85 - 4.8	0.9/09.0	20529
2007 ET ₁₂₄	2009 10 08.1	00 54.58 +14 54.7 20.1	-1.00 - 2.1	2.9/10.6	62513
2005 SK ₁₁₀	2009 10 08.1	00 54.64 +05 57.8 19.5	-0.79 - 7.1	0.1/08.2	61937
2007 DR ₉₂	2009 10 08.1	00 54.64 +13 16.1 20.7	-0.83 - 3.1	2.1/10.4	62508
2004 EN ₉₅	2009 10 08.1	00 54.66 +10 41.1 21.1	-0.91 - 6.2	1.6/09.7	66346
2004 VX ₇₀	2009 10 08.1	00 54.66 -15 09.9 20.0	-0.81 - 1.5	5.7/01.7	60819
2009 SB ₁₁₈	2009 10 08.1	00 54.68 +09 17.0 19.8	-0.77 - 6.5	1.2/09.3	62217
2005 NU ₇₁	2009 10 08.1	00 54.69 +01 23.1 19.6	-0.89 - 6.2	1.9/06.7	62423
2002 CL ₁₂₃	2009 10 08.1	00 54.70 +40 36.8 18.1	-1.07 + 5.5	17.5/19.0	62341
2001 UD ₆₄	2009 10 08.1	00 54.70 +20 23.2 18.3	-0.69 -15.3	6.0/14.3	62324
2005 WX ₁₅₆	2009 10 08.1	00 54.70 -12 58.8 20.5	-0.82 - 2.9	5.6/02.2	19252
2003 BG ₄₇	2009 10 08.1	00 54.71 +39 06.8 20.8	-1.30 + 0.5	10.0/18.2	16242
2005 WG ₄₅	2009 10 08.1	00 54.72 +09 56.1 20.2	-0.83 - 5.7	1.4/09.5	61988
2005 UU ₁₆₆	2009 10 08.1	00 54.75 +05 12.7 20.4	-0.90 - 4.4	0.2/07.9	97908
2007 EV ₂₁₄	2009 10 08.1	00 54.77 +01 38.2 19.9	-0.69 - 7.5	1.2/06.7	62516
2005 WD ₁₅₅	2009 10 08.1	00 54.77 +00 02.8 20.1	-0.85 - 3.9	2.2/06.4	58521
2006 BN ₄₆	2009 10 08.1	00 54.80 +25 27.5 21.5	-0.89 - 1.8	5.6/14.2	01235
2007 EX ₈₀	2009 10 08.1	00 54.80 +08 42.0 19.0	-0.84 - 5.8	1.3/09.1	62512
2008 RU ₁₂₃	2009 10 08.1	00 54.82 -09 58.3 20.3	-0.47 - 4.8	3.0/02.3	58612
2007 EM ₂₁₃	2009 10 08.1	00 54.83 -02 54.0 20.3	-0.94 - 4.5	3.1/05.5	60891
2006 VX ₉₇	2009 10 08.1	00 54.84 +15 21.4 20.1	-1.02 - 6.2	3.7/11.2	59781
2004 VG ₇₃	2009 10 08.1	00 54.87 -24 22.6 19.2	-0.87 - 1.4	9.7/28.0	62412

2007 BZ ₃₆	2009 10 08.1	00 54.89 -10 16.8 21.5	-0.84 - 5.4	5.0/02.9	56087
2006 BL ₂₆₁	2009 10 08.1	00 54.91 +02 24.7 19.7	-0.74 - 4.9	1.2/07.0	62479
2002 AU ₄₃	2009 10 08.1	00 54.92 +10 06.9 21.0	-0.87 - 5.8	1.5/09.5	62336
2005 SA ₂₈₄	2009 10 08.1	00 54.93 -04 04.8 20.9	-0.83 - 8.3	3.4/04.7	26063
2008 ER ₄₇	2009 10 08.1	00 54.93 -02 20.8 19.9	-0.99 - 1.7	3.2/06.0	38996
2005 QP ₆	2009 10 08.1	00 54.94 +11 31.8 18.9	-0.91 - 3.0	2.7/09.9	62425
2005 XN ₃₄	2009 10 08.1	00 54.96 -06 08.8 20.8	-0.82 - 4.1	3.9/04.4	96619
2005 YW ₂₆	2009 10 08.1	00 54.99 +05 21.5 20.5	-0.85 - 6.2	0.2/08.0	96683
2004 DF ₇	2009 10 08.1	00 54.99 -00 49.4 20.8	-0.92 - 6.0	2.2/06.1	40120
2006 UY ₂₅₅	2009 10 08.2	00 54.92 -03 00.0 19.8	-1.06 - 3.0	3.6/05.8	62490
2008 JN ₈	2009 10 08.2	00 54.93 -07 32.7 20.5	-0.92 - 6.0	4.7/03.9	41668
2001 AV ₅₀	2009 10 08.2	00 54.97 -10 50.4 20.1	-0.75 - 4.9	4.8/02.6	19533
2004 RB ₃₅₆	2009 10 08.2	00 54.98 +03 38.5 20.1	-0.90 - 1.6	0.8/07.6	62402
2002 JE ₂₄	2009 10 08.2	00 55.01 -14 08.5 21.3	-0.85 - 1.2	5.5/02.4	19086
2006 DD ₁₁	2009 10 08.2	00 55.02 -02 18.2 19.3	-0.79 - 4.5	2.6/05.6	60861
2008 EY ₁₂₆	2009 10 08.2	00 55.05 +08 58.3 19.8	-1.10 - 0.2	1.2/09.0	62081
2003 EM ₅₁	2009 10 08.2	00 55.06 -11 51.1 19.9	-0.47 - 5.7	3.2/01.4	60784
2008 ND	2009 10 08.2	00 55.07 +07 35.1 19.7	-0.69 - 9.4	0.6/08.9	62541
2007 EX ₁₁₇	2009 10 08.2	00 55.07 +02 06.6 20.6	-0.69 - 7.0	1.0/06.9	62513
2007 GS ₄₉	2009 10 08.2	00 55.09 +09 51.0 19.6	-0.77 - 8.1	1.1/09.6	62519
2002 AS ₆₅	2009 10 08.2	00 55.11 -00 37.4 20.1	-0.84 - 5.7	2.2/06.1	62337
2003 SD ₅₄	2009 10 08.2	00 55.12 +08 30.1 19.3	-0.81 - 2.6	0.8/09.0	62375
2007 HE ₅₅	2009 10 08.2	00 55.12 -16 13.9 19.4	-0.83 - 2.3	7.2/01.2	62520
2006 WD ₂₀₁	2009 10 08.2	00 55.13 -07 08.7 20.2	-0.96 - 4.5	5.5/04.2	40440
1996 BZ ₆	2009 10 08.2	00 55.14 +04 08.5 21.2	-0.96 - 5.3	0.7/07.7	22360
1999 VK ₁₁₂	2009 10 08.2	00 55.15 -01 44.9 19.1	-0.50 - 2.6	1.4/05.7	62299
2004 XC ₃₂	2009 10 08.2	00 55.17 -03 16.7 19.2	-0.78 - 3.6	3.0/05.4	62414
2007 DM ₈₄	2009 10 08.2	00 55.17 -02 44.5 20.5	-0.81 - 1.9	2.4/05.7	21666
2007 EC ₁₆₈	2009 10 08.2	00 55.19 +02 28.2 20.7	-0.74 - 4.3	1.0/07.2	41867
2007 EL ₂₀₅	2009 10 08.2	00 55.19 -00 58.3 18.5	-1.10 + 3.2	2.5/06.8	62060
2002 RJ ₁₉₅	2009 10 08.2	00 55.24 +08 14.5 20.1	-1.08 - 2.8	1.0/08.9	62355
2006 YO ₈	2009 10 08.2	00 55.25 -04 51.3 20.4	-0.91 - 5.7	4.1/04.8	16375
2006 DY ₁₇₈	2009 10 08.2	00 55.28 +11 34.6 20.1	-0.83 - 1.9	1.7/09.9	62482
2003 EH ₃₀	2009 10 08.2	00 55.29 +19 13.9 20.7	-0.96 - 3.3	4.2/12.3	40679
2006 AX ₇	2009 10 08.2	00 55.30 +18 46.7 21.3	-0.75 - 4.6	3.2/12.6	59107
2007 FL ₂	2009 10 08.2	00 55.30 -03 43.0 19.9	-0.85 - 1.4	2.6/05.6	62516
2005 SR ₁₁₉	2009 10 08.2	00 55.32 +06 37.9 19.8	-0.92 - 6.7	0.3/08.5	62434
2007 BP ₂₁	2009 10 08.2	00 55.33 +10 35.0 21.0	-0.91 - 4.7	1.5/09.7	62500
2005 FD ₃	2009 10 08.2	00 55.34 -54 28.6 20.6	-1.32 - 0.1	19.1/20.0	58495
2004 FE ₉₁	2009 10 08.2	00 55.35 -03 22.4 20.7	-0.98 - 4.4	3.2/05.5	12342
2008 KD ₉	2009 10 08.2	00 55.36 +00 20.7 21.5	-0.95 - 5.5	1.9/06.6	40053
2002 JL ₉₁	2009 10 08.3	00 55.31 +12 48.5 19.7	-0.73 - 6.9	2.0/10.7	62348
2005 UY ₁₄₉	2009 10 08.3	00 55.31 +04 37.1 20.2	-0.91 - 4.2	0.5/07.9	62447
2006 AV ₈₁	2009 10 08.3	00 55.32 +30 53.7 19.5	-0.86 - 3.9	6.8/17.3	62475
2005 VJ ₉₄	2009 10 08.3	00 55.35 +21 48.5 20.2	-0.89 - 7.0	5.6/13.7	62458
2002 US ₆₆	2009 10 08.3	00 55.35 +01 28.3 20.7	-0.90 - 8.2	1.7/06.8	62360
2007 ED ₁₆₉	2009 10 08.3	00 55.36 +04 14.9 19.5	-0.70 - 8.2	0.5/07.7	62515
2005 UX ₁₇₄	2009 10 08.3	00 55.37 +08 47.5 20.4	-0.88 - 4.4	1.0/09.2	62448
2005 UT ₂₀₁	2009 10 08.3	00 55.37 +01 33.0 20.8	-0.88 - 4.7	1.4/07.0	62449
2007 BS ₁₇	2009 10 08.3	00 55.38 -17 18.3 21.3	-0.83 - 4.4	6.4/30.5	19695
2005 UR ₁₄₀	2009 10 08.3	00 55.43 +01 55.6 21.6	-0.89 - 4.2	1.3/07.1	21607

1998 HN ₁₀	2009 10 08.3	00 55.44 +02 09.1	20.5	-0.64	- 2.6	0.8/07.1	62294
2005 YJ ₂₅₃	2009 10 08.3	00 55.45 +09 44.1	20.5	-0.74	- 4.0	1.0/09.6	62473
2005 TG ₁₇₁	2009 10 08.3	00 55.47 +23 01.8	19.2	-1.01	- 3.2	6.9/13.4	96053
2006 VN ₃₇	2009 10 08.3	00 55.47 +08 04.2	18.0	-1.01	- 2.7	1.1/08.9	62492
2009 RP ₃₀	2009 10 08.3	00 55.49 +08 11.1	20.1	-0.91	- 8.9	0.9/09.1	62188
2005 YW ₁₁	2009 10 08.3	00 55.51 -19 31.6	20.1	-0.75	- 2.8	6.1/30.0	41836
2007 ER ₆₆	2009 10 08.3	00 55.51 +04 56.2	20.2	-0.78	- 3.4	0.3/08.0	62511
2000 UP ₁₀₂	2009 10 08.3	00 55.52 -04 57.3	18.5	-1.07	+ 2.3	4.6/05.8	62309
2007 DQ ₅₁	2009 10 08.3	00 55.52 +29 07.4	20.5	-1.03	- 0.5	6.3/15.3	41319
2005 UZ ₂₇₈	2009 10 08.3	00 55.54 -02 07.7	19.6	-0.93	- 2.7	3.2/06.1	48979
2005 TD ₁₀₀	2009 10 08.3	00 55.55 +08 28.6	20.2	-0.91	- 5.2	1.0/09.1	62440
2000 AF ₇₂	2009 10 08.3	00 55.57 -07 16.0	19.5	-0.96	- 5.8	5.3/04.1	62301
2004 LD ₇	2009 10 08.3	00 55.58 +31 06.6	18.1	-0.78	-10.1	10.6/19.5	61892
2007 ER ₆₃	2009 10 08.3	00 55.58 +04 38.5	20.1	-0.77	- 4.5	0.4/08.0	62511
2008 KT ₇	2009 10 08.3	00 55.61 -03 19.9	19.4	-0.95	- 5.4	3.8/05.5	62539
2008 GX ₁₀₄	2009 10 08.3	00 55.61 +01 10.3	20.8	-0.90	- 8.7	1.8/06.8	62535
2002 WD ₁₉	2009 10 08.3	00 55.64 +01 50.7	19.8	-0.88	- 6.0	1.9/07.1	60334
2005 UD ₂₇₆	2009 10 08.3	00 55.65 +08 37.6	20.7	-0.86	- 5.8	1.0/09.2	61972
2007 CY ₁₄	2009 10 08.3	00 55.68 -02 13.3	20.9	-0.86	- 7.3	2.8/05.7	26243
2006 WY ₂₀₃	2009 10 08.3	00 55.69 -01 21.9	20.8	-0.89	- 5.2	2.5/06.1	62496
2000 EX ₄₁	2009 10 08.3	00 55.69 +04 58.5	20.1	-0.96	- 5.5	0.3/08.1	62304
2000 DN ₆₉	2009 10 08.3	00 55.70 +04 13.0	19.9	-0.91	- 6.8	0.6/07.8	62303
2002 WU ₁₃	2009 10 08.3	00 55.72 +06 59.6	18.9	-0.90	- 8.5	0.4/08.7	62363
2006 WO ₂₄	2009 10 08.3	00 55.73 -04 43.4	20.8	-0.92	- 5.8	3.7/05.1	41288
2008 GK ₁₃₀	2009 10 08.4	00 55.68 +07 16.1	20.9	-0.95	- 7.8	0.5/08.8	62535
1997 ES ₁₂	2009 10 08.4	00 55.69 +15 16.2	20.6	-0.98	- 6.1	3.7/11.3	10688
2001 FM ₁₅₆	2009 10 08.4	00 55.70 -01 29.4	20.0	-0.97	- 6.9	2.9/06.0	62313
2007 BW ₆₅	2009 10 08.4	00 55.73 +05 37.8	19.7	-0.90	- 6.2	0.1/08.3	62501
2005 YH ₉	2009 10 08.4	00 55.76 +13 13.8	20.5	-0.84	- 5.7	2.4/10.8	62467
2005 PE ₂₁	2009 10 08.4	00 55.77 +07 25.8	19.4	-0.74	- 8.2	0.7/08.9	61925
2007 ES ₁₉₆	2009 10 08.4	00 55.78 +01 47.1	18.9	-1.06	+ 0.9	1.6/07.4	62515
2007 EZ ₁₉₈	2009 10 08.4	00 55.78 -32 25.7	20.9	-0.80	- 2.0	8.7/24.9	22884
2003 SA ₁₉₇	2009 10 08.4	00 55.80 +28 50.5	18.9	-0.96	- 3.8	7.6/16.6	62376
2006 BY ₂₃	2009 10 08.4	00 55.83 +18 09.3	20.5	-0.79	- 3.4	3.2/12.3	62476
2004 ES ₄₀	2009 10 08.4	00 55.88 +09 52.9	20.0	-1.00	- 4.8	1.5/09.6	61888
2005 VR ₂₇	2009 10 08.4	00 55.89 -02 32.1	19.9	-1.00	- 1.2	2.9/06.2	62456
2001 XT ₁₀	2009 10 08.4	00 55.89 -11 31.1	19.6	-1.00	- 0.6	6.7/03.8	62330
2002 VP ₁₄₆	2009 10 08.4	00 55.90 -00 54.8	18.8	-0.88	- 5.9	3.2/06.3	62362
2001 SF ₇₃	2009 10 08.4	00 55.91 -10 56.4	19.0	-0.74	-25.5	7.5/30.8	62318
2003 FQ ₉₀	2009 10 08.4	00 55.92 +15 25.0	20.6	-0.96	- 2.5	2.8/11.2	62370
2003 UP ₃₇₄	2009 10 08.4	00 55.96 +09 45.6	20.3	-0.69	- 7.6	1.2/09.8	61884
2005 YF ₂₆	2009 10 08.4	00 55.97 +04 37.8	19.6	-0.83	- 4.2	0.5/08.1	62468
2005 WV ₁₁₀	2009 10 08.4	00 55.98 +08 05.9	18.8	-0.81	- 6.1	0.9/09.2	62463
2006 DX ₁₅₆	2009 10 08.4	00 55.99 -01 32.8	20.1	-0.70	- 5.5	2.1/05.9	62482
2005 WL ₁₅₈	2009 10 08.4	00 55.99 -15 09.9	18.9	-0.92	- 3.9	8.3/01.3	62464
1993 TZ ₃₃	2009 10 08.4	00 55.99 -04 10.7	19.4	-0.83	- 2.2	3.4/05.5	62291
2005 RL ₄₈	2009 10 08.4	00 56.02 +09 23.2	19.2	-0.89	- 4.7	1.6/09.5	62431
2005 YX ₅₂	2009 10 08.4	00 56.02 +19 54.6	19.9	-0.81	- 4.8	4.2/13.1	98041
2002 AF ₁₃₀	2009 10 08.4	00 56.04 -03 14.6	19.8	-0.82	- 5.5	3.0/05.5	17989
2004 FL ₁₇	2009 10 08.4	00 56.04 +08 57.4	20.1	-0.98	- 6.6	1.1/09.4	62388
2005 YU ₂₃₀	2009 10 08.5	00 56.03 +20 48.2	19.6	-0.85	- 3.2	4.8/13.2	62473

2002 FZ ₂₂	2009 10 08.5	00 56.05 +09 17.4	19.6	-0.86	- 3.3	1.1/09.5	62345
2002 XP ₃₄	2009 10 08.5	00 56.07 +08 08.4	17.7	-1.11	+ 4.5	1.2/09.0	62363
2003 HS ₇	2009 10 08.5	00 56.07 +06 45.0	19.8	-0.77	- 7.6	0.2/08.8	16254
1998 SK ₁₁₃	2009 10 08.5	00 56.09 -02 12.5	18.8	-0.79	- 3.4	2.8/06.0	62295
2006 UO ₃₂₉	2009 10 08.5	00 56.09 -01 26.7	20.1	-0.97	- 5.1	3.3/06.2	62491
2005 GA ₁₇₀	2009 10 08.5	00 56.10 +08 43.4	20.4	-0.97	- 8.9	1.1/09.4	62419
2007 DD ₅₉	2009 10 08.5	00 56.12 +10 19.8	21.0	-0.90	- 4.8	1.4/09.9	62507
2004 GZ ₃₁	2009 10 08.5	00 56.12 -02 09.8	19.9	-0.96	- 4.8	3.1/06.1	12878
2009 RO ₃₀	2009 10 08.5	00 56.13 +10 38.3	20.6	-0.86	- 4.5	1.5/10.0	62188
2003 WG ₆₁	2009 10 08.5	00 56.13 +05 40.8	19.5	-0.97	- 6.2	0.2/08.4	62380
2005 NJ ₇₄	2009 10 08.5	00 56.15 -00 59.8	20.9	-0.95	- 6.2	2.6/06.4	39217
2008 GK ₂₈	2009 10 08.5	00 56.16 -01 01.9	20.8	-0.93	- 6.2	2.6/06.3	40574
2008 LG	2009 10 08.5	00 56.19 +04 16.7	19.9	-0.78	- 9.5	0.5/07.9	62097
2001 DC ₅₉	2009 10 08.5	00 56.19 +00 14.3	21.1	-0.71	- 5.1	1.4/06.6	41763
2006 TF ₅₆	2009 10 08.5	00 56.20 +06 47.0	20.4	-0.97	- 7.1	0.4/08.8	12943
2005 UE ₂₇	2009 10 08.5	00 56.21 -00 21.4	19.8	-0.91	- 3.4	2.4/06.7	97878
2006 BE ₁₄₂	2009 10 08.5	00 56.25 +01 24.3	20.1	-0.71	- 6.4	1.3/07.0	62478
2002 VC ₁₁₉	2009 10 08.5	00 56.25 +13 15.7	18.0	-0.89	- 2.3	3.7/10.7	62362
2009 RR ₁₂	2009 10 08.5	00 56.27 +06 50.4	20.6	-0.82	- 2.3	0.2/08.8	62179
2000 SB ₁₆₂	2009 10 08.5	00 56.29 +18 31.3	18.1	-0.64	-13.1	5.1/13.8	62308
2004 VD ₇₇	2009 10 08.5	00 56.29 +07 22.5	19.8	-0.78	- 4.6	0.5/09.0	62412
2004 VA ₇	2009 10 08.5	00 56.30 -10 12.4	18.9	-0.83	- 1.8	5.6/03.7	62411
2008 DJ ₈₂	2009 10 08.5	00 56.31 +02 14.3	20.5	-1.07	- 2.7	1.6/07.5	62075
2005 WL ₂₀	2009 10 08.5	00 56.32 +07 21.8	20.0	-0.87	- 4.4	0.5/09.0	62460
2008 HT ₅₆	2009 10 08.5	00 56.33 +09 55.6	20.2	-0.75	-12.1	1.4/10.1	62094
2007 EV ₁₈₁	2009 10 08.5	00 56.34 +10 22.9	20.0	-0.71	- 6.7	1.2/10.1	62515
2005 SS ₂₃	2009 10 08.5	00 56.36 -04 59.3	19.8	-0.85	- 7.1	3.8/04.9	62431
2001 TH ₁₆₁	2009 10 08.5	00 56.37 +09 16.6	20.0	-0.67	- 2.6	0.7/09.6	62323
2005 XD ₆₀	2009 10 08.5	00 56.40 +12 50.3	19.6	-0.84	- 5.4	2.4/10.8	62466
2005 WP ₁₂₀	2009 10 08.5	00 56.43 +32 22.8	18.0	-0.58	- 8.8	12.3/20.7	98003
2002 CT ₂₁₉	2009 10 08.5	00 56.48 +17 19.6	19.9	-0.96	- 1.4	3.3/11.8	59677
2007 DF ₇₅	2009 10 08.6	00 56.39 +04 54.8	19.4	-0.89	- 5.4	0.5/08.3	62507
2003 QN ₇₄	2009 10 08.6	00 56.43 +08 20.7	18.7	-0.71	- 6.6	0.8/09.4	62374
2004 RE ₁₃₉	2009 10 08.6	00 56.47 +09 30.0	18.9	-0.73	-10.6	1.2/10.0	62398
2005 YV ₂₁₀	2009 10 08.6	00 56.47 -14 44.8	21.4	-0.76	- 2.6	5.0/01.9	02267
2004 SS ₁₀	2009 10 08.6	00 56.49 -06 36.2	19.2	-0.90	- 1.4	4.8/05.0	62402
2004 BH ₄₃	2009 10 08.6	00 56.49 -05 18.9	19.6	-0.94	- 5.9	4.3/05.1	62382
2002 CX ₁₄₂	2009 10 08.6	00 56.50 +01 25.1	20.5	-0.80	- 6.7	1.5/07.1	62341
2008 RA ₈₃	2009 10 08.6	00 56.51 +07 08.4	20.0	-0.48	- 3.7	0.2/09.0	62100
2002 QP ₁₅	2009 10 08.6	00 56.52 +15 38.3	20.5	-1.11	- 3.9	3.8/11.4	37960
2008 GS ₉₈	2009 10 08.6	00 56.53 +03 27.4	19.7	-0.79	- 8.1	0.9/07.7	62534
2007 BO ₅₆	2009 10 08.6	00 56.54 +08 03.9	19.7	-0.99	- 3.6	0.9/09.2	62501
2004 PR ₇₂	2009 10 08.6	00 56.55 -03 36.8	19.1	-0.79	- 5.9	3.5/05.4	62395
2005 YJ ₇₅	2009 10 08.6	00 56.58 -21 52.8	20.8	-0.80	- 2.7	7.7/29.3	20467
2004 JQ ₂₅	2009 10 08.6	00 56.63 -19 33.2	18.8	-1.08	+ 3.9	11.2/03.0	38028
2004 YY ₃₃	2009 10 08.6	00 56.70 -19 33.1	20.1	-0.83	- 4.1	7.7/29.6	86611
2005 RP ₄₅	2009 10 08.6	00 56.70 +10 34.9	19.7	-0.98	- 4.0	1.8/10.0	62431
2005 YQ ₁₃₈	2009 10 08.6	00 56.71 +04 18.7	21.2	-0.79	- 4.3	0.5/08.1	20470
2006 YJ ₅₁	2009 10 08.6	00 56.72 +02 47.8	21.0	-0.91	- 6.0	1.1/07.6	20506
2007 EY ₆₈	2009 10 08.6	00 56.72 +04 03.3	21.4	-0.76	- 3.8	0.5/08.0	19714
2004 GF ₄₆	2009 10 08.6	00 56.73 +03 15.3	21.7	-0.95	- 4.9	0.9/07.8	60802

2002 EK ₁₂₅	2009 10 08.6	00 56.74 +04 05.5 19.9	-0.87 - 3.7	0.6/08.1	62344
2004 HS ₂₈	2009 10 08.6	00 56.75 -18 29.0 20.5	-1.07 + 0.6	8.4/02.5	59090
2008 FH ₆₀	2009 10 08.6	00 56.75 -04 11.9 19.2	-1.03 - 1.9	4.5/05.9	62530
2008 QT ₁₉	2009 10 08.6	00 56.75 +06 12.9 19.2	-0.47 - 5.3	0.0/08.7	62099
1998 WK ₂₄	2009 10 08.6	00 56.79 +07 38.1 20.5	-0.52 - 2.8	0.3/09.2	62296
2005 SR ₁₃₉	2009 10 08.6	00 56.82 +02 42.0 20.4	-0.92 - 4.5	1.2/07.7	61939
2005 ST ₅₈	2009 10 08.6	00 56.83 +06 39.8 20.4	-0.87 - 6.0	0.2/08.9	61934
2007 BL ₆₈	2009 10 08.7	00 56.76 +25 54.3 20.3	-1.03 - 2.8	6.8/14.8	18192
2009 RQ ₃₀	2009 10 08.7	00 56.76 +10 52.9 19.7	-0.86 - 4.3	1.7/10.2	62188
2009 SS ₁₁₈	2009 10 08.7	00 56.78 +09 55.3 19.8	-0.85 - 6.4	1.5/10.0	62217
2007 EK ₁₂₈	2009 10 08.7	00 56.78 +09 36.8 20.8	-0.88 - 4.2	1.2/09.8	62513
2001 XZ ₆₇	2009 10 08.7	00 56.80 -03 55.4 18.6	-0.89 - 4.0	4.4/05.6	62331
2008 GK ₆₅	2009 10 08.7	00 56.82 +04 19.2 20.1	-0.97 - 3.5	0.7/08.2	62534
2006 BB ₂₃₂	2009 10 08.7	00 56.86 +05 29.6 20.2	-0.75 - 3.6	0.2/08.5	62011
2002 GQ ₆₄	2009 10 08.7	00 56.90 -03 42.4 19.3	-0.84 - 2.1	3.0/05.9	62346
2005 NJ ₄₃	2009 10 08.7	00 56.90 +14 59.7 20.2	-0.95 - 7.1	3.5/11.7	62423
2004 HJ ₄	2009 10 08.7	00 56.91 +00 01.7 20.5	-0.97 - 4.8	2.1/06.9	60802
2000 GJ ₁₄₉	2009 10 08.7	00 56.93 +03 55.2 21.1	-0.89 - 6.4	0.7/08.0	40087
2005 UQ ₃₄	2009 10 08.7	00 56.96 +15 20.9 18.7	-0.79 - 9.3	3.4/12.1	62443
2002 CT ₃₀₄	2009 10 08.7	00 56.98 +01 02.3 20.1	-0.79 - 9.7	1.7/06.9	62342
2006 CA ₂₆	2009 10 08.7	00 57.00 +19 47.5 19.6	-0.85 - 3.0	4.4/13.1	97158
2005 NZ ₁₆	2009 10 08.7	00 57.01 -04 37.3 20.7	-0.94 - 6.4	3.9/05.4	42760
2003 QT ₉₃	2009 10 08.7	00 57.02 -04 34.4 19.1	-0.74 - 4.5	3.7/05.3	62374
2007 ED ₉₅	2009 10 08.7	00 57.02 +08 30.9 19.3	-1.20 + 2.3	0.9/09.3	62053
2008 FU ₉₁	2009 10 08.7	00 57.04 +01 26.4 20.5	-0.96 - 7.5	1.8/07.3	62531
2006 XE ₂₇	2009 10 08.7	00 57.04 +18 27.6 19.9	-1.04 - 4.1	4.7/12.4	62496
2003 OD ₅	2009 10 08.7	00 57.08 -08 24.6 18.3	-0.70 - 5.8	5.0/03.8	62372
2004 PX ₂₂	2009 10 08.7	00 57.11 +11 35.6 18.5	-0.82 - 4.1	2.3/10.5	62394
2001 VJ ₆₃	2009 10 08.7	00 57.14 +04 53.9 17.9	-0.86 - 0.9	0.6/08.5	62327
2009 RX ₂₆	2009 10 08.7	00 57.16 +03 59.5 18.9	-0.95 - 7.4	0.9/08.1	62185
2007 BK ₆₈	2009 10 08.7	00 57.19 +00 57.7 20.7	-0.83 - 6.8	1.8/07.1	62502
2004 TS ₁₄₃	2009 10 08.8	00 57.13 +11 32.2 18.9	-0.73 - 7.8	1.7/10.7	62406
2006 WE ₁₅₁	2009 10 08.8	00 57.13 +09 40.1 19.9	-0.97 - 7.9	1.6/10.0	62495
2001 SC ₂₇₆	2009 10 08.8	00 57.15 +49 58.0 18.5	-1.33 - 0.7	21.6/28.5	60744
2007 BU ₆₀	2009 10 08.8	00 57.18 +29 46.4 21.3	-0.89 - 4.0	5.9/16.8	59118
2002 BN ₂₀	2009 10 08.8	00 57.18 +35 31.5 19.7	-0.97 - 9.8	9.6/19.8	58424
2007 HL ₅₄	2009 10 08.8	00 57.23 -03 01.2 20.2	-0.81 - 2.4	2.6/06.1	21222
1999 VJ ₂₀₆	2009 10 08.8	00 57.25 +02 15.9 20.4	-0.82 - 3.1	1.5/07.7	62300
2004 FB ₉₄	2009 10 08.8	00 57.25 +00 44.5 20.4	-0.99 - 4.1	1.9/07.3	62389
2008 EK ₁₂₃	2009 10 08.8	00 57.26 +03 20.7 20.3	-0.96 - 7.7	1.1/07.9	62528
2006 HP ₁₅	2009 10 08.8	00 57.28 +02 48.5 20.2	-0.76 - 5.3	1.0/07.8	62015
2003 DV ₂₀	2009 10 08.8	00 57.29 +15 24.2 20.8	-0.92 - 3.3	2.6/11.6	69443
2005 WH ₂₁	2009 10 08.8	00 57.30 -02 41.0 20.1	-0.91 - 2.7	3.3/06.3	56036
2003 EB ₉	2009 10 08.8	00 57.31 +25 28.5 20.0	-1.06 - 1.9	6.6/14.5	62369
2002 AK ₈	2009 10 08.8	00 57.32 +00 05.7 20.8	-0.80 - 5.6	2.0/06.9	62336
2005 QL ₃₄	2009 10 08.8	00 57.33 +09 13.2 19.4	-0.81 - 5.7	1.5/09.9	61926
2004 RL ₁₃₉	2009 10 08.8	00 57.34 +07 30.1 19.8	-0.78 - 5.1	0.6/09.3	62398
2002 RK ₂₁	2009 10 08.8	00 57.35 -00 15.6 18.6	-0.79 - 5.3	3.3/06.8	62353
2002 EZ ₅₂	2009 10 08.8	00 57.40 -05 42.5 19.5	-0.73 - 7.8	3.8/04.7	62344
2006 UU ₂₈₆	2009 10 08.8	00 57.45 +17 15.5 19.6	-0.94 - 6.7	4.7/12.5	62491
2002 XK ₁₁₉	2009 10 08.8	00 57.46 +12 46.1 20.5	-0.90 - 8.5	2.6/11.1	61875

2001 XM ₃₂	2009 10 08.8	00 57.47 +16 34.2 20.2	-0.85 - 7.1	3.4/12.4	62331
2006 BF ₁₆₉	2009 10 08.8	00 57.51 +12 23.3 19.9	-0.81 - 3.0	2.1/10.8	62478
2004 TO ₃₆₇	2009 10 08.8	00 57.51 -11 55.9 18.2	-0.94 + 3.9	8.3/04.8	61910
2007 CF ₂₃	2009 10 08.8	00 57.52 -00 33.7 19.5	-0.88 - 7.8	2.7/06.6	62503
2004 ST ₃₇	2009 10 08.8	00 57.53 +09 36.4 20.6	-0.80 - 6.0	1.1/10.0	62402
2005 RR ₄₅	2009 10 08.8	00 57.53 +02 46.7 20.6	-0.91 - 6.0	1.2/07.8	22794
2002 YQ ₁₅	2009 10 08.9	00 57.48 -09 14.5 19.4	-0.94 - 3.9	6.5/04.1	62365
2003 FS ₉₂	2009 10 08.9	00 57.49 -00 57.2 20.2	-0.85 - 7.7	2.4/06.5	62370
2004 EB ₃₄	2009 10 08.9	00 57.50 +11 47.9 20.0	-1.05 - 3.6	2.2/10.5	62525
2008 GB ₆₈	2009 10 08.9	00 57.55 -04 16.2 20.2	-0.95 - 4.0	3.9/05.8	40211
2006 XL ₅₃	2009 10 08.9	00 57.59 +00 25.6 20.2	-0.92 - 5.6	2.0/07.1	16374
2005 QC ₂₈	2009 10 08.9	00 57.62 +06 30.6 20.0	-0.99 - 4.9	0.1/09.0	62426
2005 OH ₉	2009 10 08.9	00 57.63 +17 44.9 18.8	-0.98 - 2.8	5.7/12.5	87713
2007 BK ₃	2009 10 08.9	00 57.66 -05 33.4 21.3	-0.95 - 6.1	4.3/05.2	38125
2005 SQ ₁₁₉	2009 10 08.9	00 57.66 +17 02.4 19.2	-1.02 - 3.4	4.8/12.2	62434
2007 DE ₇₃	2009 10 08.9	00 57.70 +02 30.4 19.9	-0.81 - 5.4	1.2/07.8	62507
2005 WV ₆	2009 10 08.9	00 57.70 +20 49.8 18.7	-0.74 - 9.8	6.1/14.6	61986
2000 RS ₇₇	2009 10 08.9	00 57.73 -00 28.7 17.9	-0.99 + 8.0	3.7/07.8	10975
2008 JB ₂₆	2009 10 08.9	00 57.74 +12 29.5 20.5	-0.91 - 7.4	2.2/11.1	62539
2007 FV ₃₁	2009 10 08.9	00 57.76 +09 02.9 20.2	-0.69 - 7.4	0.9/10.0	62517
2005 YQ ₈₃	2009 10 08.9	00 57.76 +11 59.6 20.8	-0.75 - 4.8	1.6/10.9	62470
2004 FF ₃₄	2009 10 08.9	00 57.76 -02 29.4 19.8	-0.87 -10.6	3.5/05.9	62092
2002 GS ₅₁	2009 10 08.9	00 57.77 +02 41.8 20.7	-0.69 - 8.8	1.0/07.7	61847
2006 BQ ₂₈₃	2009 10 08.9	00 57.79 -07 27.8 19.6	-0.71 - 6.2	4.2/04.2	62479
2002 BV ₁	2009 10 08.9	00 57.82 -05 05.3 20.8	-0.81 - 8.2	3.6/05.0	20759
2002 EY ₁₂₂	2009 10 08.9	00 57.85 +09 28.1 20.1	-0.86 - 3.9	1.1/10.0	62344
2000 EP ₈₆	2009 10 08.9	00 57.86 +03 22.7 20.4	-0.85 - 8.2	0.9/08.0	62304
2005 UH ₂₀	2009 10 08.9	00 57.87 -05 31.9 20.0	-0.98 - 2.0	3.9/05.7	20819
2004 VT ₃₄	2009 10 08.9	00 57.88 +09 47.6 20.1	-0.71 - 7.9	1.2/10.3	61911
2007 GK ₃₅	2009 10 08.9	00 57.88 -02 32.0 20.3	-0.79 - 2.4	2.6/06.4	20608
2004 FL ₁₀₁	2009 10 08.9	00 57.89 -05 21.5 19.8	-0.96 - 6.7	4.8/05.2	62389
2003 BQ ₉₃	2009 10 08.9	00 57.89 -13 48.6 20.8	-0.94 - 3.1	6.4/02.9	41110
2005 XY ₆₁	2009 10 08.9	00 57.90 -08 42.2 19.7	-1.05 - 0.8	5.9/04.9	30235
2005 UB ₁₄₃	2009 10 08.9	00 57.91 +08 32.9 20.3	-0.85 - 5.5	0.9/09.7	61965
2008 GR ₃₀	2009 10 08.9	00 57.94 +02 29.6 21.2	-0.95 - 6.0	1.4/07.9	56130
2008 SM ₁₇₂	2009 10 09.0	00 57.89 +34 11.0 19.2	-0.59 - 3.0	5.4/19.6	62542
2004 NA ₂₀	2009 10 09.0	00 57.91 +23 51.1 19.8	-0.91 - 5.6	5.7/15.1	40686
2006 GT ₄₂	2009 10 09.0	00 57.92 +10 39.9 19.9	-0.68 - 9.0	1.1/10.7	62483
2009 SP ₁₁₈	2009 10 09.0	00 57.92 +10 15.2 20.5	-0.78 - 4.9	1.3/10.3	62217
2008 HU ₃₆	2009 10 09.0	00 57.96 +09 25.1 20.0	-0.75 -10.8	1.1/10.2	62537
2005 WF ₂₈	2009 10 09.0	00 57.98 +10 57.6 20.4	-0.85 - 5.2	1.6/10.5	62460
2004 TA ₂₀₆	2009 10 09.0	00 58.00 +10 53.3 20.1	-0.73 - 7.0	1.5/10.7	62408
2004 PE ₃₁	2009 10 09.0	00 58.01 +45 47.6 19.6	-1.34 + 1.2	13.9/23.3	59727
2006 YP ₃	2009 10 09.0	00 58.01 -07 33.7 20.1	-0.95 - 5.4	5.8/04.7	41302
2007 AH ₁₇	2009 10 09.0	00 58.02 -06 49.7 21.1	-0.91 - 5.9	4.6/04.8	18186
2008 GX ₁₀₉	2009 10 09.0	00 58.03 -03 38.3 20.3	-0.81 - 7.3	3.4/05.7	62535
2002 WG ₂₀	2009 10 09.0	00 58.04 +08 28.5 21.0	-0.61 - 3.8	0.5/09.8	62363
2002 RS ₄₅	2009 10 09.0	00 58.04 +02 59.5 18.1	-0.92 - 3.5	1.6/08.1	62353
2008 CV ₅	2009 10 09.0	00 58.04 -31 21.7 19.5	-0.91 -13.3	16.6/21.2	38142
2003 SK ₁₄₃	2009 10 09.0	00 58.06 +14 28.3 19.4	-0.88 - 1.1	2.8/11.4	62376
2005 NS ₁₃	2009 10 09.0	00 58.06 -04 34.4 19.3	-0.72 - 9.2	4.8/05.1	40135

2001 SF ₁₇₄	2009 10 09.0	00 58.07 +00 36.6 19.3	-0.66	- 3.5	1.5/07.2	62319
2004 XS ₆₃	2009 10 09.0	00 58.10 +04 20.8 19.9	-0.76	- 3.5	0.5/08.5	62414
2005 LG ₅₃	2009 10 09.0	00 58.11 +13 02.1 19.8	-0.90	- 5.6	3.1/11.3	61919
2006 YU ₁₀	2009 10 09.0	00 58.14 -08 51.4 19.2	-0.96	- 4.7	6.4/04.3	62497
2005 VB ₅₅	2009 10 09.0	00 58.15 +12 17.2 20.4	-0.89	- 6.1	2.1/11.0	62457
2004 TS ₇₀	2009 10 09.0	00 58.16 +05 49.0 20.9	-0.77	- 5.1	0.1/08.9	62405
2004 PE ₈₁	2009 10 09.0	00 58.18 +08 26.0 19.8	-0.88	- 4.0	0.8/09.7	62395
2003 EG ₄₆	2009 10 09.0	00 58.18 +06 00.3 20.7	-0.92	- 3.3	0.1/09.0	16248
2006 WL ₁₆₃	2009 10 09.0	00 58.20 +07 34.2 20.2	-0.96	- 8.1	0.5/09.5	62495
2009 ST ₂₈	2009 10 09.0	00 58.22 +06 52.5 18.6	-0.91	- 2.5	0.3/09.3	62204
2007 EX ₁₈	2009 10 09.0	00 58.22 -01 08.0 19.9	-0.78	- 7.6	2.4/06.6	19710
2003 SL ₈	2009 10 09.0	00 58.24 +03 51.2 20.4	-0.67	- 7.2	0.7/08.2	62375
2004 TY ₁₆₃	2009 10 09.0	00 58.25 +02 11.4 20.1	-0.82	- 4.3	1.4/07.8	62407
2005 US ₃₀₇	2009 10 09.0	00 58.26 +05 48.8 20.7	-0.88	- 4.6	0.1/09.0	19664
2006 UR ₃₇	2009 10 09.0	00 58.26 +08 14.2 20.4	-1.03	- 6.4	0.8/09.7	62489
2008 HW ₃₉	2009 10 09.0	00 58.26 +06 08.2 21.0	-0.97	- 5.2	0.0/09.1	62537
2007 HM ₇₁	2009 10 09.0	00 58.28 +02 03.0 22.0	-0.69	- 6.5	1.0/07.7	41873
2005 TB ₁₂₇	2009 10 09.0	00 58.29 +06 37.2 20.3	-0.84	- 6.9	0.1/09.2	62441
2003 RP ₁₇	2009 10 09.1	00 58.23 +19 44.4 19.9	-0.75	- 7.3	3.9/14.0	59704
2005 NC ₉₁	2009 10 09.1	00 58.27 -01 15.7 20.3	-0.92	- 6.1	2.8/06.8	40136
2002 AG ₇₁	2009 10 09.1	00 58.28 +33 27.5 18.2	-0.76	- 1.6	13.8/19.5	62337
2005 UZ ₃₆	2009 10 09.1	00 58.28 +04 52.9 19.7	-0.88	- 4.7	0.5/08.7	62443
2005 UZ ₁₆	2009 10 09.1	00 58.29 +19 52.1 19.4	-0.86	- 7.3	4.8/13.9	16320
2003 SJ ₃₂₀	2009 10 09.1	00 58.29 +12 12.8 19.5	-0.75	- 4.9	2.0/11.1	62377
2006 WF ₃₆	2009 10 09.1	00 58.29 -12 32.9 20.1	-1.02	- 3.2	7.3/03.7	38961
2007 CP ₂₇	2009 10 09.1	00 58.30 -04 24.2 21.5	-0.82	- 5.5	3.1/05.7	16064
2006 HQ ₁₃₂	2009 10 09.1	00 58.30 +05 15.2 22.0	-0.69	- 4.3	0.2/08.8	09560
2009 SO ₁₂₃	2009 10 09.1	00 58.33 +14 23.8 19.8	-1.00	- 7.3	3.4/11.7	62218
2004 ES ₁₅	2009 10 09.1	00 58.33 +08 28.3 20.6	-0.95	- 6.1	0.8/09.8	62386
2002 CX ₂₅₅	2009 10 09.1	00 58.34 +08 56.0 19.0	-0.84	- 6.5	1.0/10.0	62342
2002 EB ₁₁₄	2009 10 09.1	00 58.35 +03 56.9 19.9	-0.80	- 4.6	0.7/08.4	62344
2001 DF ₄₂	2009 10 09.1	00 58.36 +15 23.7 20.4	-1.09	- 4.1	3.4/11.8	40091
2007 FM ₄₅	2009 10 09.1	00 58.38 +08 20.0 21.2	-0.85	- 4.2	0.7/09.8	37615
2008 JL ₃₄	2009 10 09.1	00 58.38 +01 04.7 21.1	-0.89	- 8.9	1.8/07.4	40772
2006 BC ₁₅₂	2009 10 09.1	00 58.39 +14 50.3 20.5	-0.83	- 2.9	2.5/11.8	62478
2008 GM ₃	2009 10 09.1	00 58.39 +00 48.1 20.7	-1.08	- 2.1	2.0/07.7	58605
2005 SC ₁₈₃	2009 10 09.1	00 58.39 +08 29.2 20.7	-0.89	- 5.9	0.9/09.9	22796
2007 EW ₃₄	2009 10 09.1	00 58.39 +07 49.6 19.7	-0.79	- 6.6	0.5/09.7	62510
2006 AG ₇₈	2009 10 09.1	00 58.40 -02 35.3 19.4	-0.71	- 7.6	2.5/06.0	58523
2007 EL ₂₀₀	2009 10 09.1	00 58.42 -05 38.8 20.2	-0.82	- 3.8	3.8/05.4	62515
2008 EQ ₅₃	2009 10 09.1	00 58.42 +02 08.6 21.6	-0.75	-10.4	1.1/07.7	41915
2000 EE ₁	2009 10 09.1	00 58.55 +08 39.6 19.7	-0.94	- 5.5	0.8/10.0	62303
2008 GG ₈₁	2009 10 09.1	00 58.57 -11 18.3 20.4	-0.95	- 1.1	6.3/04.4	41922
2005 VW ₃₅	2009 10 09.1	00 58.58 +16 12.0 20.5	-0.82	- 8.0	3.1/12.6	11148
2007 BQ ₉₀	2009 10 09.1	00 58.60 +20 48.0 20.8	-0.95	- 4.5	4.9/13.8	55301
2007 BV ₁₈	2009 10 09.1	00 58.61 -03 44.7 21.6	-0.98	- 5.6	3.8/06.1	16384
2000 UJ ₃₂	2009 10 09.1	00 58.61 -01 12.0 19.9	-0.87	- 3.3	2.7/07.0	17924
2002 VU ₃₁	2009 10 09.1	00 58.65 +00 13.6 18.9	-0.96	- 4.5	2.6/07.4	62361
2005 UY ₂₀₁	2009 10 09.1	00 58.65 +13 13.7 20.6	-0.77	-10.3	2.7/11.8	62449
2005 UR ₇₃	2009 10 09.1	00 58.66 +15 50.0 19.5	-0.81	- 8.4	3.0/12.6	62445
2003 FB ₆₉	2009 10 09.2	00 58.60 +01 11.7 20.6	-0.96	- 1.8	1.6/07.8	62370

2004 PE ₃₇	2009 10 09.2	00 58.61 -01 11.0 19.1	-0.78	- 6.7	2.6/06.7	62395
2003 BG ₇₆	2009 10 09.2	00 58.65 -16 24.6 21.0	-0.89	- 3.6	7.1/02.0	21790
2000 CO ₆₈	2009 10 09.2	00 58.66 +04 06.1 21.0	-0.93	- 6.1	0.7/08.5	16133
2004 ES ₇₃	2009 10 09.2	00 58.66 +06 24.9 20.4	-0.94	- 5.4	0.1/09.3	62387
2005 UY ₂₀₀	2009 10 09.2	00 58.67 +01 42.6 19.2	-0.86	- 4.4	1.9/07.8	62449
2003 HH ₄₆	2009 10 09.2	00 58.71 +05 59.3 20.3	-0.92	- 2.6	0.1/09.1	62372
2003 SD ₇₉	2009 10 09.2	00 58.73 +30 34.9 20.0	-1.14	+ 0.9	6.7/16.0	22740
2004 JU ₂₁	2009 10 09.2	00 58.74 +08 16.1 20.6	-0.94	- 6.6	0.7/09.9	61891
2002 CV ₂₅₃	2009 10 09.2	00 58.79 +01 51.9 20.4	-0.86	- 4.5	1.5/07.9	62342
2002 NR ₆₁	2009 10 09.2	00 58.79 +17 53.2 18.4	-1.08	- 1.5	5.7/12.5	62349
2002 AZ ₃₆	2009 10 09.2	00 58.80 -19 09.8 19.5	-0.87	- 4.4	9.0/30.4	62336
2007 JE ₇	2009 10 09.2	00 58.81 -03 54.8 20.7	-0.75	- 2.3	2.8/06.2	21695
2005 WM ₂₀	2009 10 09.2	00 58.83 +26 30.9 19.0	-0.81	- 8.4	7.9/17.0	97981
2007 HY ₇₁	2009 10 09.2	00 58.84 -04 42.1 20.5	-0.79	- 2.4	2.9/05.9	26283
2005 SO ₂₅₅	2009 10 09.2	00 58.85 +02 15.4 19.0	-1.01	- 1.8	1.7/08.2	62438
2001 WX ₄₂	2009 10 09.2	00 58.85 -07 58.8 18.9	-1.13	+ 2.1	6.2/05.9	62329
2004 TF ₂₅₀	2009 10 09.2	00 58.87 +05 17.9 19.3	-0.79	- 3.4	0.4/09.0	61907
2005 UJ ₁₆₃	2009 10 09.2	00 58.87 +10 08.4 20.3	-0.81	- 8.2	1.5/10.6	97908
2005 YD ₂₈₆	2009 10 09.2	00 58.89 +02 45.6 20.6	-0.77	- 4.3	1.1/08.2	62473
1995 WS ₂₈	2009 10 09.2	00 58.89 +02 28.4 20.3	-0.78	- 6.5	1.3/08.0	62292
2001 SC ₂₄₉	2009 10 09.2	00 58.90 -00 23.0 19.3	-1.03	- 1.2	2.3/07.5	33326
2003 FU ₃₇	2009 10 09.2	00 58.92 +07 10.5 20.5	-0.86	- 5.7	0.3/09.6	20777
2009 RX ₉	2009 10 09.2	00 58.92 +02 31.8 20.1	-0.74	-14.8	1.3/07.8	62177
2002 GA ₇	2009 10 09.2	00 58.94 -18 16.7 20.4	-0.73	- 4.8	6.7/30.8	60762
2007 EL ₁₇₁	2009 10 09.2	00 58.95 -23 51.6 19.7	-0.81	-12.1	9.2/26.6	19721
2008 FT ₆₆	2009 10 09.2	00 58.96 +06 13.9 19.7	-0.88	- 8.9	0.0/09.3	62530
2006 VV ₁₆	2009 10 09.2	00 58.96 +11 50.5 19.5	-0.98	- 7.5	2.3/11.1	62491
2006 WK ₁₄₄	2009 10 09.2	00 58.97 -02 50.0 18.6	-0.85	- 6.9	4.6/06.3	62495
2005 VB ₁₀₀	2009 10 09.2	00 58.98 +04 17.9 21.1	-0.92	- 3.1	0.6/08.7	62458
2008 GY ₁₃₀	2009 10 09.2	00 58.98 +03 29.8 20.5	-0.81	- 9.5	0.9/08.3	62535
2005 UT ₁₂	2009 10 09.2	00 59.01 -04 08.5 19.3	-0.88	- 0.9	5.1/06.3	62442
2001 TN ₉₀	2009 10 09.2	00 59.02 +15 45.4 18.2	-0.83	- 9.5	4.0/12.7	62322
2005 YH ₁₆₃	2009 10 09.2	00 59.02 -13 45.4 20.3	-0.72	- 4.2	5.1/02.6	40159
2006 BV ₁₉₃	2009 10 09.2	00 59.03 +18 43.7 20.5	-0.80	- 3.9	3.6/13.3	56040
2004 VW ₃₅	2009 10 09.2	00 59.03 -13 39.7 20.7	-0.80	- 2.1	5.5/03.1	18108
2002 TZ ₁₅₀	2009 10 09.2	00 59.05 +10 40.8 19.5	-1.03	- 5.0	1.8/10.6	62358
2007 HD ₄₈	2009 10 09.3	00 58.98 -00 14.7 20.1	-0.80	- 3.8	2.2/07.3	62520
2004 TU ₂₉₄	2009 10 09.3	00 58.99 +20 25.7 19.2	-0.84	- 4.1	4.5/13.9	62409
2006 VM ₅₈	2009 10 09.3	00 59.01 -06 54.6 19.6	-1.03	- 3.2	5.6/05.6	53579
2009 RW ₁₂	2009 10 09.3	00 59.03 +05 30.5 19.2	-0.86	- 3.9	0.4/09.1	62180
2006 BA ₁₅₉	2009 10 09.3	00 59.04 -11 39.1 19.6	-0.69	- 8.1	6.1/02.6	62279
2005 UZ ₄₉₃	2009 10 09.3	00 59.05 +06 01.2 19.7	-1.03	- 1.1	0.1/09.2	62455
2003 QZ ₇₄	2009 10 09.3	00 59.11 +22 32.1 19.6	-0.85	- 3.6	4.9/14.7	62374
2005 YW ₁₇₆	2009 10 09.3	00 59.12 +07 46.7 20.3	-0.77	- 4.6	0.4/10.0	62472
2008 GP ₁₇	2009 10 09.3	00 59.14 -03 53.6 20.8	-1.04	- 4.6	4.3/06.4	41592
2004 TO ₁₁₅	2009 10 09.3	00 59.16 +08 37.1 19.2	-0.83	- 3.0	0.7/10.0	62406
2001 TM ₂₃₁	2009 10 09.3	00 59.16 -09 39.3 18.8	-1.14	+ 2.0	6.7/05.6	62323
2007 CP ₄₆	2009 10 09.3	00 59.18 +15 29.7 20.5	-0.93	- 4.2	3.0/12.2	20531
2003 SD ₃₃₃	2009 10 09.3	00 59.19 +04 30.3 20.6	-0.73	- 4.7	0.5/08.8	62378
2005 UU ₆₃	2009 10 09.3	00 59.20 +09 02.5 20.7	-0.84	- 6.7	1.0/10.0	19660
2002 RA ₁₉₆	2009 10 09.3	00 59.20 +09 28.3 18.6	-0.99	- 1.2	1.6/10.0	62355

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2003 JH ₄	2009 10 09.3	00 59.21 -34 01.3 19.5	-1.52 + 4.3	18.0/28.9	60786
2003 WN ₅₆	2009 10 09.3	00 59.21 +10 44.5 19.8	-1.00 - 5.4	1.6/10.7	62380
2005 YL ₉₈	2009 10 09.3	00 59.21 +04 50.1 19.5	-0.84 - 6.3	0.6/08.9	62470
2005 NF ₉₃	2009 10 09.3	00 59.22 -00 52.7 19.2	-0.81 - 8.7	3.1/06.9	62423
2003 FH ₁₃₁	2009 10 09.3	00 59.25 +09 34.8 20.9	-0.84 - 5.7	1.0/10.4	62371
2002 CJ ₃₁₃	2009 10 09.3	00 59.28 -17 05.7 19.5	-0.77 - 8.2	8.7/30.3	62343
2007 CN ₁₁	2009 10 09.3	00 59.28 +02 53.7 18.8	-0.84 - 6.0	1.6/08.3	62502
2006 DC ₄₀	2009 10 09.3	00 59.29 -06 57.3 19.9	-0.69 - 8.1	3.6/04.5	40700
2007 DB ₂	2009 10 09.3	00 59.30 +05 52.7 21.7	-0.83 - 6.4	0.1/09.2	26246
2009 RB ₁₄	2009 10 09.3	00 59.30 +08 13.8 19.7	-0.90 - 1.2	0.6/09.9	62180
2007 BW ₆₉	2009 10 09.3	00 59.31 +05 26.3 21.3	-1.00 - 6.2	0.3/09.1	18192
2008 DW ₃₈	2009 10 09.3	00 59.32 +06 58.4 20.3	-0.98 - 5.7	9.8/30.0	62525
2002 GV ₈	2009 10 09.3	00 59.34 -04 02.3 21.6	-0.85 - 2.2	2.7/06.4	20764
2009 RF ₃₁	2009 10 09.3	00 59.35 +11 43.8 19.5	-1.02 - 2.4	2.4/10.9	62188
2005 YC ₁₉₁	2009 10 09.3	00 59.38 +11 16.5 20.7	-0.77 - 4.2	1.4/11.0	62472
2008 FU ₁₂	2009 10 09.3	00 59.39 +04 54.4 19.7	-0.96 - 7.4	0.6/08.9	62529
2002 TJ ₂₄₀	2009 10 09.3	00 59.40 +09 35.0 19.0	-0.90 - 5.8	1.5/10.4	62359
2002 RK ₁₅₈	2009 10 09.3	00 59.40 +14 57.8 19.9	-1.07 - 3.7	3.4/11.9	62354
2001 TB ₉₂	2009 10 09.3	00 59.40 +06 09.9 19.5	-1.09 - 0.4	0.1/09.4	62322
2006 AW ₉₇	2009 10 09.4	00 59.32 -24 55.6 20.3	-0.85 - 0.9	8.5/29.3	21170
2003 EY ₄₈	2009 10 09.4	00 59.34 +01 28.5 20.2	-0.83 - 6.7	1.6/07.8	19594
2004 BM ₁₂	2009 10 09.4	00 59.37 -05 55.4 19.1	-0.87 - 6.5	6.0/05.3	62382
2006 WO ₁₉₈	2009 10 09.4	00 59.38 +03 19.5 20.1	-0.99 - 4.9	1.1/08.5	40170
2003 FS ₉₄	2009 10 09.4	00 59.40 -03 49.5 20.9	-0.77 - 7.7	2.9/05.9	21793
2001 XS ₉₄	2009 10 09.4	00 59.40 -08 32.3 19.9	-1.01 - 1.4	5.4/05.3	94347
2003 FO ₁₆	2009 10 09.4	00 59.40 -05 28.1 20.7	-0.88 - 4.0	3.7/05.8	18046
2005 YU ₁₁₈	2009 10 09.4	00 59.42 -01 59.3 20.8	-0.74 - 4.8	2.3/06.7	20831
2005 WF ₆₄	2009 10 09.4	00 59.43 +02 14.9 19.4	-0.83 - 5.8	1.5/08.1	62461
2004 FJ ₆₁	2009 10 09.4	00 59.43 +03 41.8 22.2	-0.93 - 5.4	0.8/08.6	65648
2005 WZ ₁₀₀	2009 10 09.4	00 59.45 -06 38.9 20.6	-0.86 - 4.1	3.8/05.3	60852
2006 WZ ₁₉₇	2009 10 09.4	00 59.48 +19 05.3 20.1	-0.90 - 4.7	4.0/13.5	60881
2004 HJ ₃₆	2009 10 09.4	00 59.48 +03 12.8 19.3	-0.99 - 4.1	1.1/08.5	62392
2003 HW ₃₂	2009 10 09.4	00 59.49 +23 02.7 19.3	-1.00 -18.6	7.0/16.1	62372
2005 QU ₁₄₇	2009 10 09.4	00 59.54 -04 31.6 19.2	-0.98 - 1.9	4.7/06.5	62429
2003 EE ₅₄	2009 10 09.4	00 59.55 -10 39.9 20.5	-0.51 - 2.3	3.0/03.6	87578
2005 QM ₉₉	2009 10 09.4	00 59.55 +15 55.0 19.1	-0.92 - 5.4	4.1/12.5	62428
2004 VP ₃₅	2009 10 09.4	00 59.56 -34 15.4 19.6	-1.67 + 7.4	20.0/29.9	38036
2003 OL ₁₃	2009 10 09.4	00 59.57 -35 45.9 19.0	-0.77 - 2.1	14.5/22.4	61878
2002 TK ₂₇₁	2009 10 09.4	00 59.58 +11 47.2 18.6	-0.92 - 5.8	2.6/11.2	62359
2008 EZ ₉₆	2009 10 09.4	00 59.59 +05 09.8 19.8	-1.02 - 5.1	0.5/09.1	62080
2004 GK	2009 10 09.4	00 59.61 +07 41.1 20.5	-0.91 - 8.5	0.5/09.9	61890
2007 ET ₂₁₈	2009 10 09.4	00 59.61 -02 30.0 22.0	-0.85 - 3.1	2.4/06.8	40710
2007 CJ ₅₂	2009 10 09.4	00 59.62 +01 14.6 21.2	-0.84 - 3.5	1.4/07.9	17706
2008 HF ₃₄	2009 10 09.4	00 59.68 +09 58.8 19.5	-0.77 -11.4	1.3/10.8	62093
2007 DU ₁₁₀	2009 10 09.4	00 59.73 +05 20.6 20.4	-0.82 - 5.7	0.3/09.2	62509
2008 ED ₁₅₂	2009 10 09.4	00 59.74 +07 20.1 21.1	-0.97 - 6.7	9.4/30.0	40203
2007 BC	2009 10 09.4	00 59.75 -30 38.9 21.9	-1.05 - 1.0	9.5/27.3	20847
2002 RK ₁₄₁	2009 10 09.4	00 59.77 +14 16.4 20.0	-1.00 - 5.1	3.6/11.9	62354
2005 UD ₃₂₇	2009 10 09.5	00 59.69 +05 29.8 18.2	-0.89 - 1.4	0.4/09.3	61975
2008 FM ₈₃	2009 10 09.5	00 59.69 -02 26.0 20.6	-1.00 - 3.2	3.3/07.0	40562
2002 CF ₁₇₉	2009 10 09.5	00 59.70 +02 23.1 19.3	-0.85 - 4.5	1.5/08.3	62341

2004 VK ₃₀	2009 10 09.5	00 59.75 +10 40.9 19.9	-0.70 - 8.2	1.5/11.1	62411
2005 QD ₅₅	2009 10 09.5	00 59.76 +09 35.2 18.6	-1.02 - 1.9	1.4/10.4	62427
2007 DS ₅₈	2009 10 09.5	00 59.84 +02 13.9 21.1	-0.71 - 5.4	1.1/08.2	40177
2005 UX ₁₇₉	2009 10 09.5	00 59.86 +03 09.8 20.1	-0.82 - 6.2	1.2/08.5	62448
1999 TU ₂₈₅	2009 10 09.5	00 59.88 +14 45.3 18.6	-0.75 - 6.0	3.4/12.4	62298
2005 LR ₁₀	2009 10 09.5	00 59.89 -05 38.5 20.2	-0.99 - 5.7	4.7/05.9	62420
2002 QX ₁₃₂	2009 10 09.5	01 00.00 +13 31.8 20.0	-0.85 - 5.3	3.6/11.9	61856
2006 WL ₁₃₀	2009 10 09.5	01 00.01 -21 54.0 21.0	-1.01 - 3.2	8.4/30.5	22862
2002 TY ₃₈₁	2009 10 09.5	01 00.02 +03 42.9 19.4	-1.08 - 2.6	1.1/08.9	62360
2001 XN ₂₄₃	2009 10 09.5	01 00.02 +26 31.6 20.2	-1.01 - 2.3	7.2/15.6	94406
2006 YZ ₃₈	2009 10 09.5	01 00.02 +20 59.0 20.6	-0.94 - 4.5	4.7/14.2	35068
2005 UE ₁₂	2009 10 09.5	01 00.06 +00 25.5 19.3	-0.86 - 4.5	2.4/07.7	62442
2008 GJ ₄₄	2009 10 09.5	01 00.07 -13 17.6 19.8	-1.09 + 1.8	8.1/05.0	59544
2008 FX ₃	2009 10 09.5	01 00.08 +06 16.5 20.2	-1.03 - 4.8	9.5/30.0	62529
2005 UQ ₁₂₆	2009 10 09.5	01 00.09 +03 01.9 21.0	-0.90 - 4.4	1.1/08.6	62446
2006 AO ₁₀₂	2009 10 09.6	01 00.05 +15 30.8 20.3	-0.83 - 2.9	2.9/12.4	62007
2000 CM ₂₄	2009 10 09.6	01 00.05 +24 26.1 19.1	-0.86 - 3.0	5.8/15.3	62302
2006 AV ₁₈	2009 10 09.6	01 00.06 -09 49.9 19.2	-0.80 - 2.5	4.8/04.6	62474
2004 TR ₁₉₀	2009 10 09.6	01 00.07 +05 58.6 20.3	-0.74 - 7.0	0.1/09.5	61906
2002 QZ ₁₁₁	2009 10 09.6	01 00.09 +13 35.9 20.6	-1.01 - 6.7	2.8/11.9	61856
2007 DX ₂₁	2009 10 09.6	01 00.09 +19 11.4 21.1	-0.99 - 1.8	4.1/13.3	17728
2007 DR ₁₁₄	2009 10 09.6	01 00.13 +01 31.9 20.5	-0.77 - 5.1	1.5/08.0	62509
2005 QK ₁₅	2009 10 09.6	01 00.13 +11 00.3 19.6	-0.92 - 3.8	2.1/11.0	61925
2005 UV ₂₅₃	2009 10 09.6	01 00.17 +13 53.8 19.0	-0.74 - 9.2	3.3/12.4	62450
2002 XY ₁₁₅	2009 10 09.6	01 00.18 +07 01.5 20.5	-0.86 - 6.2	0.2/09.8	16236
2007 DP ₁₇	2009 10 09.6	01 00.18 +02 37.0 20.5	-0.91 - 7.1	1.4/08.4	22876
2004 VA ₇₂	2009 10 09.6	01 00.20 -08 30.3 20.0	-0.85 - 1.5	4.8/05.3	19177
2003 ED ₁₉	2009 10 09.6	01 00.24 +11 28.8 21.1	-0.90 - 4.7	1.6/11.2	47243
2008 EC ₇₇	2009 10 09.6	01 00.26 +03 55.5 20.8	-1.08 - 4.2	1.0/08.9	62527
2008 GU ₄₆	2009 10 09.6	01 00.27 -17 03.0 21.6	-1.06 + 0.3	7.9/03.6	41921
2005 QB ₇₂	2009 10 09.6	01 00.27 +05 10.1 18.5	-0.71 - 8.3	0.6/09.2	62427
2006 AV ₆₁	2009 10 09.6	01 00.27 -07 10.2 20.3	-0.72 - 5.7	4.1/05.0	19275
1999 YL ₁₀	2009 10 09.6	01 00.30 +05 40.7 20.4	-0.95 - 6.9	0.3/09.4	62301
2003 FN ₉₄	2009 10 09.6	01 00.30 -09 57.8 19.7	-0.88 - 2.9	5.1/04.7	18049
2009 RB ₁₃	2009 10 09.6	01 00.33 +05 38.6 20.1	-0.83 - 3.6	0.3/09.4	62180
2002 VJ ₅₇	2009 10 09.6	01 00.38 -03 10.5 19.1	-1.00 - 2.5	4.3/07.0	62361
2003 FX ₁₀₅	2009 10 09.6	01 00.39 +00 08.4 21.1	-0.91 - 3.4	1.9/07.8	16251
2003 YK ₁₁	2009 10 09.6	01 00.40 +15 15.6 18.5	-1.09 - 2.3	4.3/12.1	62381
2008 FU ₇₀	2009 10 09.6	01 00.40 -00 58.3 19.8	-0.99 - 4.9	2.9/07.5	37855
2007 BY ₂	2009 10 09.6	01 00.42 +13 41.5 20.0	-1.00 - 3.3	3.0/11.8	62499
2005 WZ ₆₇	2009 10 09.6	01 00.43 +00 48.3 20.2	-0.83 - 4.7	1.9/07.9	22803
2007 GZ ₅₁	2009 10 09.6	01 00.43 -06 40.0 20.8	-0.81 - 2.3	3.8/05.8	42882
2001 VH ₉	2009 10 09.6	01 00.45 -00 40.9 18.7	-0.86 - 6.3	2.8/07.4	62326
2006 VP ₁₉	2009 10 09.6	01 00.47 +02 48.3 19.9	-1.02 - 1.8	1.9/08.7	62491
2002 WA ₈	2009 10 09.6	01 00.48 -04 23.4 19.4	-0.99 - 3.7	4.3/06.5	62363
2004 DC ₃₄	2009 10 09.6	01 00.50 +00 04.0 20.6	-0.91 - 7.9	2.2/07.6	12337
2008 HK ₆₇	2009 10 09.7	01 00.43 +07 49.3 20.3	-0.84 - 6.8	0.5/10.2	62538
2007 BY ₁₆	2009 10 09.7	01 00.47 +02 48.3 20.6	-0.95 - 5.5	1.3/08.6	62500
2005 EF ₂₁₂	2009 10 09.7	01 00.49 -00 30.5 20.8	-0.58 - 4.0	1.4/07.4	00935
2002 VB ₁₀₉	2009 10 09.7	01 00.50 +32 00.0 20.1	-0.99 - 7.0	7.8/18.6	60778
2006 YM ₁₅	2009 10 09.7	01 00.50 -02 58.3 20.2	-0.95 - 7.3	3.8/06.7	16376

2004 HS ₁₈	2009 10 09.7	01 00.51 +12 11.5 21.1	-0.99	- 5.2	2.0/11.5	61891	2005 UY ₂₆₀	2009 10 09.9	01 01.26 +10 03.8 20.2	-0.79	- 8.3	1.5/11.1	61971
2005 NR ₈₆	2009 10 09.7	01 00.55 +10 12.9 18.9	-0.78	-12.5	1.6/11.2	62423	2006 XA ₆₉	2009 10 09.9	01 01.26 +05 01.5 19.8	-0.93	- 5.9	0.7/09.5	62497
2005 TM ₁₉₀	2009 10 09.7	01 00.56 +17 52.6 18.9	-1.10	- 1.2	4.5/12.9	62442	2008 EU ₁₄₈	2009 10 09.9	01 01.30 +13 58.3 19.9	-1.22	+ 0.9	2.9/11.7	62082
2002 XZ ₈₅	2009 10 09.7	01 00.58 +17 38.6 18.7	-1.01	- 3.4	5.1/12.9	62364	2005 WE ₁₉₃	2009 10 09.9	01 01.32 -19 26.5 19.4	-0.79	- 5.3	10.0/30.6	62465
2007 LR ₁₆	2009 10 09.7	01 00.59 +15 45.5 19.9	-0.73	- 6.3	2.6/13.0	21253	2005 XL ₆₀	2009 10 09.9	01 01.34 +00 42.7 19.4	-0.86	- 4.0	2.3/08.2	62466
2008 GW ₇₀	2009 10 09.7	01 00.59 +11 45.5 19.1	-1.01	- 4.7	2.4/11.3	62534	2001 WP ₃₅	2009 10 09.9	01 01.36 -03 11.3 19.0	-0.83	- 4.3	4.4/06.9	60751
1995 CD ₈	2009 10 09.7	01 00.60 +06 11.5 19.0	-0.79	- 6.2	11.6/20.0	62291	2002 RJ ₂₁₈	2009 10 09.9	01 01.38 -08 48.5 19.3	-0.66	- 5.0	4.4/04.6	62355
2006 EH ₂₄	2009 10 09.7	01 00.61 +06 13.3 21.2	-0.78	- 5.1	0.1/09.7	62482	2005 UQ ₃₀₃	2009 10 09.9	01 01.38 +08 51.7 19.9	-0.78	-10.2	0.8/10.8	61974
2004 RF ₁₅₂	2009 10 09.7	01 00.66 +12 46.9 18.3	-0.69	-11.9	2.3/12.2	61897	2004 WG	2009 10 09.9	01 01.41 -21 31.7 20.1	-0.91	- 1.7	7.0/30.8	02227
2007 JK ₃₉	2009 10 09.7	01 00.67 +09 29.8 20.0	-0.88	- 3.2	1.0/10.7	62066	2002 YZ ₁₇	2009 10 09.9	01 01.47 +15 07.9 19.1	-0.87	- 7.2	3.9/12.8	62365
2000 QD ₃₉	2009 10 09.7	01 00.70 -06 09.8 18.8	-0.76	- 8.9	4.8/05.3	62306	2005 TV ₁₆₀	2009 10 09.9	01 01.52 +11 17.8 19.3	-0.89	- 5.6	1.8/11.5	62442
2005 UX ₁₅₄	2009 10 09.7	01 00.76 +04 05.9 19.0	-0.86	- 3.6	1.1/09.1	62447	2001 RG ₉₆	2009 10 09.9	01 01.53 +11 18.1 19.8	-0.94	- 5.0	1.7/11.4	62317
2004 TO ₃₅₄	2009 10 09.7	01 00.76 +04 30.2 20.7	-0.76	- 5.0	0.6/09.1	62410	2008 HR ₅₄	2009 10 09.9	01 01.54 -01 51.7 20.6	-0.87	- 4.5	3.1/07.4	40606
2008 RQ ₅₄	2009 10 09.7	01 00.76 +10 31.0 20.8	-0.49	- 3.5	0.7/11.2	62099	2001 VB ₈₂	2009 10 09.9	01 01.55 +21 45.5 19.2	-0.85	- 7.7	5.6/15.4	62327
2005 UZ ₃₀₆	2009 10 09.7	01 00.77 +02 09.9 18.9	-0.90	- 2.8	1.9/08.5	62451	2008 JY ₁₃	2009 10 09.9	01 01.58 +01 20.5 20.2	-0.81	- 6.7	1.8/08.3	62538
2007 DE ₉₇	2009 10 09.7	01 00.78 +12 47.5 19.6	-0.91	- 3.5	2.3/11.7	62508	2004 TA ₃₄₉	2009 10 10.0	01 01.54 -02 11.7 20.5	-0.78	- 3.6	2.6/07.3	59746
2008 GX ₁₉	2009 10 09.7	01 00.79 -23 32.4 19.9	-1.03	+ 2.3	9.4/02.6	59133	2005 WO ₁₆₈	2009 10 10.0	01 01.56 -02 45.0 20.2	-0.83	- 4.7	3.1/07.1	19673
2001 FQ ₄₇	2009 10 09.7	01 00.80 +08 52.2 19.4	-0.96	+ 0.1	0.6/10.4	62313	2007 DH ₁₀	2009 10 10.0	01 01.56 -00 04.9 20.8	-0.81	- 6.7	2.3/07.8	17721
2004 XM ₁	2009 10 09.7	01 00.81 +17 07.4 18.9	-0.88	- 2.1	3.7/12.9	62413	2008 GA ₃₃	2009 10 10.0	01 01.57 -02 19.8 21.5	-0.97	- 5.2	3.1/07.3	39986
2004 RX ₁₈₂	2009 10 09.7	01 00.81 +23 23.6 19.3	-1.03	+ 0.1	6.3/14.3	62399	2006 TG ₉₂	2009 10 10.0	01 01.60 +05 37.7 19.7	-1.06	- 4.7	0.4/09.7	62017
2007 EO ₁₉₅	2009 10 09.7	01 00.84 +02 12.8 20.9	-0.78	- 7.0	1.4/08.3	19446	2006 VW ₉₂	2009 10 10.0	01 01.61 -06 14.0 19.5	-1.01	- 4.8	5.4/06.2	62492
2002 AF ₁₃₃	2009 10 09.7	01 00.85 +16 36.1 19.0	-0.99	- 2.4	4.7/12.6	60757	2007 CJ ₃₇	2009 10 10.0	01 01.62 -12 00.2 20.9	-0.81	- 6.5	5.8/03.7	49016
2005 WO ₉₉	2009 10 09.8	01 00.79 +08 19.4 19.2	-0.83	- 6.1	0.7/10.4	62462	2007 FF ₁₅	2009 10 10.0	01 01.63 +05 40.6 19.3	-0.68	-11.2	0.2/09.7	62516
2009 RD ₄₇	2009 10 09.8	01 00.80 +09 59.8 19.0	-1.04	- 3.2	1.4/10.8	62194	2005 WR ₁₄₀	2009 10 10.0	01 01.63 +38 05.1 20.5	-0.88	- 4.0	7.8/21.8	41834
2007 ER ₅₆	2009 10 09.8	01 00.81 -00 03.9 21.1	-0.84	- 6.0	2.0/07.7	62511	2003 EG ₅₉	2009 10 10.0	01 01.65 +38 30.5 20.7	-1.27	+ 0.3	8.6/19.2	43169
2005 LT ₄₀	2009 10 09.8	01 00.83 +01 07.2 21.9	-1.01	- 6.5	2.0/08.2	86791	2005 YO ₂₆₆	2009 10 10.0	01 01.76 -13 25.5 18.9	-0.79	- 3.4	6.6/03.7	62473
2004 VJ ₅₉	2009 10 09.8	01 00.83 +13 08.8 18.7	-0.79	- 4.5	2.4/12.0	62412	2000 SX ₂₆₇	2009 10 10.0	01 01.76 +14 42.2 19.4	-1.06	- 0.1	3.0/12.1	62308
2004 VT ₂₉	2009 10 09.8	01 00.84 -06 13.2 20.3	-0.81	- 2.8	3.7/05.9	97769	2006 GS ₃	2009 10 10.0	01 01.78 +00 13.0 20.9	-0.59	- 4.3	1.4/07.9	47403
2005 UD ₃₈	2009 10 09.8	01 00.87 +00 54.4 20.3	-0.87	- 4.2	2.1/08.1	61954	2005 TL ₆₂	2009 10 10.0	01 01.78 +04 50.1 20.1	-0.84	- 7.8	0.7/09.5	61946
2004 PH ₃₂	2009 10 09.8	01 00.88 +08 37.8 19.8	-0.90	- 3.5	0.8/10.5	61893	2007 DK ₁₁₂	2009 10 10.0	01 01.80 +08 51.4 20.1	-0.86	- 2.1	0.7/10.7	62048
1996 VN ₂₅	2009 10 09.8	01 00.90 -00 22.3 21.0	-0.86	- 3.9	2.1/07.7	19510	2006 YQ ₁₈	2009 10 10.0	01 01.83 +02 58.2 19.2	-1.07	- 3.2	1.6/09.1	62498
2004 RE ₂₉₆	2009 10 09.8	01 00.94 +06 27.2 20.3	-0.79	- 5.6	8.7/20.0	61899	2008 GO ₆₈	2009 10 10.0	01 01.83 +03 38.8 21.8	-0.81	- 7.0	0.8/09.1	40759
2002 AD ₁₉₆	2009 10 09.8	01 00.95 +12 08.6 19.9	-0.89	- 3.8	2.0/11.5	62338	2005 VY ₇₃	2009 10 10.0	01 01.85 -12 47.7 20.0	-0.88	- 2.3	6.5/04.3	40155
2006 DS ₁₁	2009 10 09.8	01 00.95 +04 45.2 21.9	-0.74	- 4.8	0.5/09.3	04369	2009 RD ₁₄	2009 10 10.0	01 01.85 +06 23.2 19.9	-0.84	- 5.2	0.1/10.0	62180
2004 XO ₇₇	2009 10 09.8	01 00.96 -19 28.4 19.3	-0.82	- 1.5	7.9/01.6	62415	2003 SC ₂₀	2009 10 10.0	01 01.88 +08 53.1 19.4	-0.76	- 4.0	0.6/10.8	62375
2007 EJ ₁₉₂	2009 10 09.8	01 01.02 +09 48.4 20.6	-0.89	- 2.9	1.0/10.8	62059	2005 NM ₅₄	2009 10 10.0	01 01.89 -02 15.9 19.7	-0.76	- 7.3	4.2/07.0	87704
2002 GJ ₇₃	2009 10 09.8	01 01.07 -02 50.6 19.3	-0.72	- 6.8	2.8/06.6	62346	2001 DL ₆₅	2009 10 10.0	01 01.91 +20 05.6 19.2	-0.89	- 2.6	4.5/14.2	62312
2000 DL ₈₉	2009 10 09.8	01 01.09 -01 29.3 19.2	-0.72	- 5.9	2.6/07.2	62303	2003 SF ₂₀₆	2009 10 10.0	01 01.91 +10 05.4 19.7	-0.70	- 7.3	1.1/11.3	62376
2005 WA ₇₂	2009 10 09.8	01 01.14 +30 27.5 19.2	-0.97	- 4.3	9.1/18.0	62461	2003 CR ₁₆	2009 10 10.0	01 01.94 +25 10.8 20.5	-1.04	- 1.9	5.6/15.5	60783
2005 JQ ₁₅	2009 10 09.8	01 01.14 +03 48.2 20.2	-1.02	- 6.0	1.1/09.1	62419	2002 CD ₇₈	2009 10 10.1	01 01.89 +08 36.5 19.1	-0.88	- 3.5	0.7/10.7	62340
2007 DT ₈₉	2009 10 09.8	01 01.16 +01 28.5 20.3	-0.83	- 6.5	1.8/08.2	62508	2005 QJ ₁₃₉	2009 10 10.1	01 01.89 +06 33.0 19.2	-0.95	- 4.3	0.0/10.1	62429
2008 GN ₁₂₉	2009 10 09.8	01 01.18 +04 56.7 20.8	-0.90	- 8.9	0.6/09.4	62535	2007 ED ₄₄	2009 10 10.1	01 01.96 +06 53.0 20.6	-0.80	- 6.2	0.1/10.2	62051
2006 FJ ₂₁	2009 10 09.8	01 01.20 +02 32.2 20.1	-0.74	- 6.3	1.3/08.5	62483	2007 HJ ₃₇	2009 10 10.1	01 01.96 -03 06.6 20.4	-0.80	- 2.6	2.8/07.2	20641
2004 ML ₁	2009 10 09.8	01 01.21 +02 53.2 20.4	-0.86	- 6.8	1.2/08.7	62394	2008 EK ₄₇	2009 10 10.1	01 01.96 -00 41.9 20.6	-0.91	- 6.6	2.7/07.8	39294
2007 HT ₁₆	2009 10 09.8	01 01.21 +07 52.9 19.9	-0.82	- 3.4	0.4/10.3	62520	2004 GS ₇₈	2009 10 10.1	01 02.02 +07 30.9 20.2	-0.95	- 5.6	0.3/10.4	62391
2001 FY ₁₈₀	2009 10 09.9	01 01.17 +09 20.4 20.4	-0.84	- 1.7	0.7/10.7	62314	2000 TF ₂₆	2009 10 10.1	01 02.03 +05 13.5 19.6	-0.88	- 3.5	0.5/09.7	62309
2007 EG ₂₅	2009 10 09.9	01 01.21 +07 39.6 19.5	-0.96	- 2.6	8.8/20.0	62510	2002 ND ₄₄	2009 10 10.1	01 02.04 +00 04.4 19.7	-0.92	- 6.4	3.0/08.1	62349
2002 TE ₃₃₉	2009 10 09.9	01 01.22 -00 23.8 20.2	-0.90	- 8.3	2.7/07.6	62359	2004 RF ₂₃₃	2009 10 10.1	01 02.05 +04 15.8 19.8	-0.77	- 5.6	0.8/09.4	62400
2005 UO ₁₈₂	2009 10 09.9	01 01.24 +01 59.1 20.2	-0.90	- 4.1	1.7/08.6	61967	2002 QU ₇₇	2009 10 10.1	01 02.06 +26 47.3 20.4	-0.79	- 3.8	5.0/17.0	47225
2002 JR ₇₉	2009 10 09.9	01 01.24 +10 20.1 19.6	-0.77	- 5.9	1.1/11.2	62348	2002 CB ₉₇	2009 10 10.1	01 02.06 +17 53.2 19.6	-0.57	- 1.6	2.0/13.8	62340
2004 PE ₈₉	2009 10 09.9	01 01.25 +01 51.4 20.1	-0.79	- 7.9	1.5/08.3	62395	2006 BG ₁₈₁	2009 10 10.1	01 02.07 +14 11.5 19.7	-0.82	- 3.2	2.3/12.5	62478

2007 AR ₂₇	2009 10 10.1	01 02.08 -09 14.0 21.1	-0.90	- 4.1	5.1/05.2	24144
2001 UJ ₉₇	2009 10 10.1	01 02.08 +08 15.6 19.7	-0.80	-10.8	0.6/10.7	62325
2005 UU ₄₃₈	2009 10 10.1	01 02.09 +03 03.8 19.0	-1.03	- 0.6	1.5/09.2	62454
2004 TK ₁₆₁	2009 10 10.1	01 02.12 +09 22.5 19.1	-0.74	- 6.8	1.0/11.1	62407
2001 FO ₈₉	2009 10 10.1	01 02.14 +07 31.2 20.4	-1.11	- 2.4	0.4/10.4	62313
2001 XU ₃	2009 10 10.1	01 02.16 +60 05.4 18.2	-1.36	- 3.2	17.8/04.0	59673
2007 DF ₃₂	2009 10 10.1	01 02.17 -04 51.4 21.8	-0.71	- 6.3	2.9/06.2	18205
2003 QX ₄	2009 10 10.1	01 02.17 +01 27.4 19.5	-0.70	- 7.5	1.7/08.4	62373
2005 UF ₄₃₉	2009 10 10.1	01 02.20 +44 56.9 20.3	-1.03	- 1.4	9.5/23.8	97951
2005 XY ₂₇	2009 10 10.1	01 02.20 -21 15.0 19.6	-0.78	- 6.3	10.9/29.5	62466
2007 EY ₂₁₄	2009 10 10.1	01 02.21 +04 04.6 18.1	-1.05	+ 1.8	0.9/09.6	62516
2000 DC ₂₃	2009 10 10.1	01 02.21 +11 08.0 20.3	-0.97	- 4.7	1.5/11.5	62303
2004 VT ₅₀	2009 10 10.1	01 02.22 -16 13.7 20.1	-0.82	- 1.4	6.5/03.3	32988
2001 UR ₂₂₆	2009 10 10.1	01 02.23 +00 52.5 20.0	-0.82	- 8.9	2.2/08.2	62326
2002 CD ₅₄	2009 10 10.1	01 02.26 +24 13.2 18.8	-1.00	- 1.8	6.4/15.3	62340
2005 JX ₇₈	2009 10 10.1	01 02.27 +04 22.1 19.0	-1.05	- 3.9	1.0/09.5	62419
2007 EM ₇	2009 10 10.1	01 02.28 +03 03.3 19.8	-0.79	- 6.9	1.3/09.0	62509
2008 FS ₁₁₆	2009 10 10.1	01 02.29 +05 26.4 21.8	-1.02	- 4.7	0.4/09.8	62532
2004 HF ₂₆	2009 10 10.1	01 02.29 +04 08.5 20.1	-0.88	- 6.6	0.9/09.4	62391
2007 CQ ₅₁	2009 10 10.1	01 02.30 +08 15.0 20.9	-0.93	- 6.2	0.6/10.7	19699
2005 MX ₂₃	2009 10 10.1	01 02.34 +14 30.5 20.6	-1.02	- 5.8	2.9/12.6	61920
2004 VB ₆₄	2009 10 10.2	01 02.27 -12 58.5 19.5	-0.77	- 4.0	5.8/03.6	62412
2004 TV ₃₄₅	2009 10 10.2	01 02.29 +19 06.2 19.1	-0.76	- 6.9	4.0/14.6	62410
2005 VA ₈₈	2009 10 10.2	01 02.33 +00 03.9 20.9	-0.84	- 5.5	2.3/08.1	18154
2002 CD ₂₇₆	2009 10 10.2	01 02.34 +29 12.3 19.8	-0.91	- 5.3	6.8/17.8	40103
1998 WJ ₂₄	2009 10 10.2	01 02.35 +05 30.1 20.4	-0.53	- 2.3	0.2/09.8	61830
2004 TB ₂₉₅	2009 10 10.2	01 02.38 +01 11.7 20.0	-0.84	- 2.1	1.7/08.7	62409
2006 BE ₃₁	2009 10 10.2	01 02.41 -11 03.0 20.7	-0.71	- 5.4	5.3/04.1	97000
2007 GU ₅₈	2009 10 10.2	01 02.42 +06 08.5 21.2	-0.75	- 5.4	0.1/10.1	62063
2002 AP ₁₅₆	2009 10 10.2	01 02.43 +04 08.3 19.7	-0.84	- 6.9	1.0/09.4	62338
2006 BF ₂₆₈	2009 10 10.2	01 02.44 +13 39.4 19.5	-0.85	- 2.3	2.0/12.3	62479
2007 BB ₇₀	2009 10 10.2	01 02.44 -03 25.0 19.4	-0.87	- 7.6	4.3/06.8	18192
2005 YT ₂₆₄	2009 10 10.2	01 02.44 +05 34.8 20.9	-0.77	- 4.4	0.3/09.9	57035
2009 SF ₃₀	2009 10 10.2	01 02.44 +05 00.6 19.2	-1.01	- 3.9	0.8/09.8	62205
2007 EE ₁₀₇	2009 10 10.2	01 02.44 +01 18.8 19.9	-0.91	- 2.5	1.8/08.7	62513
1998 SN ₁₇₂	2009 10 10.2	01 02.47 +09 44.3 20.2	-0.80	- 3.9	1.1/11.2	62295
2005 TU ₁₆₄	2009 10 10.2	01 02.47 +09 47.1 19.2	-0.89	- 4.3	1.3/11.2	62442
2007 ET ₁₃₉	2009 10 10.2	01 02.49 +03 00.1 20.7	-0.77	- 4.6	1.1/09.1	62514
2007 JP ₃₅	2009 10 10.2	01 02.49 -31 10.9 21.8	-0.79	- 1.8	8.2/27.1	20677
2004 ED ₁₀₀	2009 10 10.2	01 02.49 +03 32.5 20.3	-0.88	- 9.2	1.3/09.2	62388
2004 SP ₄₆	2009 10 10.2	01 02.50 +16 40.0 19.2	-0.88	- 2.7	3.9/13.3	95469
2002 EA ₁₀₉	2009 10 10.2	01 02.50 +06 48.8 20.1	-0.50	- 3.0	0.0/10.3	62344
2004 RN ₉₀	2009 10 10.2	01 02.53 +15 38.1 19.1	-0.85	- 5.1	3.1/13.2	59732
2004 XY ₁₄	2009 10 10.2	01 02.55 +26 41.2 19.7	-0.77	- 5.4	5.6/17.4	62414
2008 JV ₃₉	2009 10 10.2	01 02.56 +08 45.0 20.3	-0.83	- 7.3	0.8/11.0	62096
2009 SR ₁₂₃	2009 10 10.2	01 02.59 +15 04.4 20.4	-0.87	- 2.1	2.9/12.7	62218
2006 YF ₈	2009 10 10.2	01 02.61 +10 17.2 20.6	-0.98	- 5.7	1.4/11.4	16375
2007 HZ ₂₂	2009 10 10.2	01 02.62 -00 41.5 20.0	-0.78	- 3.9	2.3/08.0	40463
2004 FS ₃₇	2009 10 10.2	01 02.68 -02 30.0 18.6	-0.80	-10.5	3.8/07.0	62388
2005 OP ₁₆	2009 10 10.2	01 02.69 +06 45.4 18.9	-0.92	- 6.1	0.0/10.3	62424
2005 QR ₅₃	2009 10 10.2	01 02.70 +03 02.8 19.1	-0.86	- 6.8	1.6/09.1	62427

2009 SF ₁₁₉	2009 10 10.2	01 02.71 +10 03.4 19.7	-0.89	- 3.9	1.5/11.3	62217
2006 AB ₉₃	2009 10 10.3	01 02.64 -05 04.3 19.4	-0.75	- 4.1	3.6/06.6	62475
2008 GY ₉₉	2009 10 10.3	01 02.65 +06 50.4 19.6	-0.90	- 9.2	0.1/10.4	62534
2000 GH	2009 10 10.3	01 02.66 +05 22.6 20.4	-0.94	- 4.7	0.4/09.9	62304
2008 FM ₁₂₉	2009 10 10.3	01 02.67 -01 35.9 20.5	-1.01	- 3.3	3.2/08.0	41587
2002 WS ₁₉	2009 10 10.3	01 02.68 +01 50.9 21.1	-0.96	- 5.1	1.6/08.9	16232
2007 CN ₅₃	2009 10 10.3	01 02.68 +20 53.0 21.0	-0.98	- 2.8	4.2/14.5	22874
2001 CS ₃₁	2009 10 10.3	01 02.70 -31 21.7 20.2	-0.84	- 1.3	8.9/27.2	62311
2008 GN ₄₇	2009 10 10.3	01 02.73 -08 46.3 19.1	-0.85	- 2.1	5.2/05.9	62533
2008 FV ₁₃₂	2009 10 10.3	01 02.73 +01 37.4 20.8	-0.83	- 7.9	1.7/08.6	58604
2005 UO ₈₄	2009 10 10.3	01 02.74 +07 16.4 20.2	-0.86	- 6.4	0.2/10.5	62445
2003 PS ₅	2009 10 10.3	01 02.78 +13 07.6 18.3	-0.74	- 5.9	2.1/12.5	62373
2001 TD ₁₆₀	2009 10 10.3	01 02.78 +03 15.1 18.6	-0.73	- 1.9	1.0/09.3	62322
1996 XZ ₉	2009 10 10.3	01 02.78 +11 13.9 20.4	-0.92	- 3.1	1.8/11.7	61828
2000 SP ₉₀	2009 10 10.3	01 02.79 +26 08.4 18.5	-0.82	- 9.6	7.9/18.1	62307
2008 FZ ₁₄	2009 10 10.3	01 02.79 -02 18.5 19.3	-0.79	- 9.5	3.2/07.2	62529
2006 EU ₁₄	2009 10 10.3	01 02.81 +04 43.1 20.3	-0.76	- 5.0	0.6/09.7	62482
2007 CT ₄₄	2009 10 10.3	01 02.83 +26 54.6 20.2	-0.97	- 3.7	6.3/16.9	16069
2001 WO ₂₃	2009 10 10.3	01 02.86 +25 06.5 19.5	-0.91	- 5.9	6.1/16.5	62329
2006 CS ₆₁	2009 10 10.3	01 02.86 -13 52.6 20.8	-0.69	- 4.8	5.1/03.2	21357
2008 FH ₁₅	2009 10 10.3	01 02.90 -06 52.1 19.1	-0.85	- 6.9	5.9/05.8	62529
2006 BN ₁₁₂	2009 10 10.3	01 02.93 -03 01.2 21.1	-0.73	- 4.9	2.7/07.2	20838
2007 CQ ₅₆	2009 10 10.3	01 02.95 +08 48.9 21.1	-0.87	- 6.3	0.7/11.1	62504
2000 CK ₂₈	2009 10 10.3	01 02.95 -10 44.3 19.8	-0.67	- 7.7	5.1/03.9	20732
2004 BL ₇₃	2009 10 10.3	01 02.97 +13 48.0 19.4	-1.00	- 5.9	3.1/12.5	62383
2007 CS ₃	2009 10 10.3	01 02.97 -03 20.8 20.2	-0.90	- 7.2	3.8/07.1	18193
2004 FO ₁₆₁	2009 10 10.3	01 02.98 +02 36.4 20.9	-0.91	- 6.8	1.4/09.1	62390
2007 EQ ₁₃₉	2009 10 10.3	01 02.99 +01 43.4 20.0	-0.85	- 4.8	1.8/08.8	62514
2006 AW ₁₂	2009 10 10.3	01 03.04 -10 03.5 20.0	-0.76	- 3.6	4.8/05.0	59770
2007 FY	2009 10 10.3	01 03.04 +03 58.2 20.7	-0.78	- 4.2	0.8/09.5	62516
2002 TQ ₁₄₇	2009 10 10.3	01 03.05 +10 39.1 19.8	-0.92	- 3.9	1.9/11.6	61867
2008 EX ₄₆	2009 10 10.3	01 03.07 -01 05.0 20.6	-1.00	- 3.3	3.0/08.2	38995
2005 LP ₅₃	2009 10 10.4	01 03.00 +15 37.3 18.7	-0.89	- 8.0	4.0/13.4	62420
2005 UE ₃₆₅	2009 10 10.4	01 03.00 +06 50.4 20.6	-0.80	- 8.2	0.0/10.4	62453
2008 CN ₁₅₆	2009 10 10.4	01 03.04 +06 49.1 20.5	-1.08	- 4.8	0.0/10.4	41473
2008 EF ₁₅₂	2009 10 10.4	01 03.06 +08 01.0 20.4	-0.90	- 9.8	0.5/10.9	62529
2003 KY ₁₂	2009 10 10.4	01 03.10 +00 24.6 19.8	-0.80	- 6.7	2.2/08.3	62372
2005 UG ₄₇₆	2009 10 10.4	01 03.15 +10 12.5 19.8	-0.89	- 5.6	1.2/11.5	62455
2005 YN ₁₁₃	2009 10 10.4	01 03.17 +23 58.5 20.4	-0.87	- 3.5	5.2/16.0	62470
2008 FH ₁₃₀	2009 10 10.4	01 03.18 +01 46.6 20.4	-0.96	- 8.7	1.9/08.8	43300
2007 EO ₆₂	2009 10 10.4	01 03.19 +00 49.2 20.2	-0.86	- 4.7	2.1/08.6	62511
2000 SY ₁₂₉	2009 10 10.4	01 03.23 +30 46.8 18.9	-0.97	- 5.5	9.4/19.4	61836
2002 JC ₁₀₀	2009 10 10.4	01 03.24 -21 09.4 21.0	-0.96	+ 1.1	7.6/03.4	40675
2005 UJ ₁₆₁	2009 10 10.4	01 03.26 +04 55.9 18.4	-0.65	- 9.4	0.9/09.8	61966
2008 FR ₁₁₂	2009 10 10.4	01 03.27 +00 32.5 21.6	-0.90	- 7.1	2.2/08.5	39042
2002 GH ₉₆	2009 10 10.4	01 03.29 +10 57.4 19.8	-0.74	- 6.4	1.2/11.9	18007
2005 JH ₁₁₇	2009 10 10.4	01 03.31 -05 37.6 20.2	-1.01	- 5.3	4.9/06.8	58500
2004 EN ₆₇	2009 10 10.4	01 03.33 +12 36.1 20.6	-1.02	- 4.3	2.2/12.2	62387
2006 XR ₃₂	2009 10 10.4	01 03.35 +11 44.4 20.2	-1.00	- 7.7	2.0/12.1	62496
2003 EH ₅₈	2009 10 10.4	01 03.36 -13 39.0 19.5	-0.87	- 6.7	7.0/03.3	62369
2006 YK ₄₆	2009 10 10.4	01 03.36 -12 54.9 20.9	-0.84	- 6.3	6.5/03.8	18185

2005 WY ₇₂	2009 10 10.4	01 03.37 +27 32.8 19.2	-0.87	- 6.4	6.8/17.8	62461
2004 TT ₉₂	2009 10 10.4	01 03.38 +11 19.2 19.5	-0.73	- 8.3	1.5/12.1	61903
2005 TS ₁₂₅	2009 10 10.4	01 03.40 +06 35.6 20.6	-0.87	- 6.3	0.1/10.4	62441
2005 GE ₁₆₅	2009 10 10.4	01 03.43 -30 01.4 21.5	-1.03	- 4.7	12.3/27.9	35903
2008 DL ₄₀	2009 10 10.4	01 03.44 +03 50.5 19.9	-0.84	- 8.9	1.1/09.5	62525
2004 CA ₅₂	2009 10 10.4	01 03.44 -29 57.5 20.8	-1.00	- 4.4	12.1/26.9	66333
2001 KC ₇₄	2009 10 10.5	01 03.37 -02 04.9 20.7	-0.97	- 5.1	3.2/07.9	58408
2002 JM ₃₄	2009 10 10.5	01 03.38 +26 20.6 19.9	-0.74	-10.1	5.2/18.3	45948
1995 OE ₁₃	2009 10 10.5	01 03.40 +22 49.9 20.7	-0.98	- 2.3	5.4/15.3	62292
2005 WD ₇₁	2009 10 10.5	01 03.41 +01 02.0 19.5	-0.95	- 1.9	2.2/08.9	62461
1999 VS ₁₉₈	2009 10 10.5	01 03.41 -24 42.0 19.8	-1.16	- 0.5	10.0/01.5	62300
2006 DR ₃₈	2009 10 10.5	01 03.43 +15 08.4 19.6	-0.88	- 1.9	2.7/12.9	62012
2005 YY ₁₀₆	2009 10 10.5	01 03.43 +22 37.1 20.7	-0.78	- 4.6	4.1/15.9	58522
2009 RA ₁₄	2009 10 10.5	01 03.44 +09 18.5 18.3	-0.87	- 0.3	1.4/11.2	62180
2007 ER ₅₃	2009 10 10.5	01 03.45 +07 17.7 20.2	-0.69	- 6.5	0.1/10.7	62511
2004 BW ₄₁	2009 10 10.5	01 03.47 -04 40.7 20.1	-0.98	- 5.1	4.2/07.1	60794
2001 QA ₁₄₇	2009 10 10.5	01 03.48 -04 41.5 18.6	-1.17	+ 3.4	5.1/08.1	62315
2005 MP ₄₇	2009 10 10.5	01 03.48 +06 23.9 19.2	-0.83	- 7.3	0.2/10.4	62422
2005 UK ₃₆₅	2009 10 10.5	01 03.52 +01 12.1 20.8	-0.85	- 5.4	1.9/08.8	62453
2008 KE ₄	2009 10 10.5	01 03.56 -02 06.7 20.0	-0.75	- 7.4	3.0/07.5	40773
2006 AB ₄₂	2009 10 10.5	01 03.57 +13 35.5 19.3	-0.98	- 2.4	2.5/12.4	62474
2009 SX ₂₈	2009 10 10.5	01 03.58 +04 08.0 19.3	-0.70	-12.6	1.2/09.5	62205
2002 CN ₁₂	2009 10 10.5	01 03.59 +12 33.3 18.8	-1.75	+ 7.9	2.6/11.3	61843
2002 VB ₅	2009 10 10.5	01 03.60 -37 14.2 18.2	-1.50	+16.3	23.3/07.7	41846
2005 NU ₁₃	2009 10 10.5	01 03.61 +08 55.4 20.7	-0.94	- 6.4	0.8/11.2	40692
2008 PK ₁₉	2009 10 10.5	01 03.61 +05 55.0 20.3	-0.49	- 3.0	0.2/10.3	62541
2009 QJ ₃₃	2009 10 10.5	01 03.63 -14 03.0 18.9	-0.78	- 2.8	6.7/03.9	62160
2001 XO ₂₃₃	2009 10 10.5	01 03.64 +11 05.6 19.6	-0.87	- 5.4	1.8/11.9	62334
2009 SR ₁₂₆	2009 10 10.5	01 03.67 +13 03.0 19.3	-0.88	- 1.7	2.1/12.4	62219
2005 YJ ₇₆	2009 10 10.5	01 03.72 +03 32.9 19.8	-0.83	- 4.3	1.1/09.6	62469
2000 WO ₁₉₃	2009 10 10.5	01 03.78 +16 59.2 20.6	-0.82	- 7.0	3.3/14.1	93895
2006 BK ₂₇₄	2009 10 10.5	01 03.79 +29 31.5 19.3	-1.02	+ 0.4	7.6/17.1	09509
2005 YE ₂₀	2009 10 10.6	01 03.73 +25 00.1 21.6	-0.77	- 4.1	4.2/16.7	02263
2004 XF ₁₅	2009 10 10.6	01 03.74 -09 04.5 19.9	-0.78	- 3.6	4.5/05.5	62414
2004 VL ₂₀	2009 10 10.6	01 03.80 -07 32.9 19.3	-0.84	- 2.0	4.7/06.4	62411
2007 EG ₁₂₈	2009 10 10.6	01 03.85 +10 40.0 20.2	-0.86	- 4.2	1.3/11.8	62513
2005 UB ₃₀₉	2009 10 10.6	01 03.86 -10 57.9 19.3	-1.29	+ 3.9	6.4/07.2	62451
2002 GO ₁₄₅	2009 10 10.6	01 03.88 +09 42.3 20.3	-0.75	- 5.9	0.9/11.6	62347
2004 BE ₉₈	2009 10 10.6	01 03.95 +13 46.8 20.6	-1.02	- 4.2	2.5/12.7	62383
2001 UE ₁₁₆	2009 10 10.6	01 03.95 +00 44.9 19.1	-0.95	- 2.7	2.5/08.9	62325
2004 SN ₈	2009 10 10.6	01 03.96 +09 44.3 19.1	-0.97	- 0.8	1.1/11.4	62402
2005 UH ₁₉₉	2009 10 10.6	01 03.99 +10 54.3 20.0	-0.78	-10.9	1.5/12.2	61968
2005 OS	2009 10 10.6	01 04.03 +07 55.2 19.5	-1.06	- 3.2	0.4/11.0	62424
2005 WC ₈₃	2009 10 10.6	01 04.04 +08 15.6 20.0	-0.85	- 6.0	0.6/11.1	62462
2005 QK ₁₅₅	2009 10 10.6	01 04.06 +02 55.6 19.0	-1.00	- 3.4	1.7/09.6	62429
2005 UN ₂₈₆	2009 10 10.6	01 04.06 -01 19.5 20.5	-0.91	- 3.7	2.9/08.3	41216
2007 EN ₄₁	2009 10 10.6	01 04.08 +05 58.7 20.7	-0.93	- 6.3	0.3/10.4	62510
2008 FT ₉₈	2009 10 10.6	01 04.09 -16 25.7 19.2	-1.04	0.0	9.2/04.7	62531
2008 GH ₁₀₂	2009 10 10.6	01 04.09 -05 47.8 20.0	-1.09	+ 0.8	4.9/07.7	62535
2007 HB ₂₇	2009 10 10.6	01 04.09 +01 49.3 20.9	-0.74	- 4.3	1.4/09.1	62520
2005 XF ₄₃	2009 10 10.6	01 04.11 +04 09.2 21.0	-0.86	- 4.0	0.9/09.9	17650

2001 YB ₈₅	2009 10 10.6	01 04.13 +15 25.4 19.1	-0.95	- 4.3	3.9/13.2	62335
2002 PE ₁₈₆	2009 10 10.6	01 04.15 +07 04.2 19.6	-0.88	- 9.6	0.1/10.8	61853
2009 RM ₃₁	2009 10 10.6	01 04.16 +10 30.4 19.8	-0.79	- 4.8	1.2/11.9	62189
2005 OK ₁₈	2009 10 10.6	01 04.17 +16 16.2 18.9	-0.86	- 4.7	4.5/13.7	87714
2005 TW ₁₆	2009 10 10.6	01 04.17 +05 55.3 18.5	-0.93	- 0.1	0.5/10.5	62439
2006 DT ₁₀₁	2009 10 10.7	01 04.10 +02 36.9 20.8	-0.74	- 4.5	1.2/09.3	62481
2001 SH ₆₀	2009 10 10.7	01 04.10 +16 06.9 19.4	-0.72	- 2.6	2.5/13.7	62318
2005 SJ ₁₃₈	2009 10 10.7	01 04.10 +28 39.8 19.8	-0.94	- 7.9	7.9/18.8	62435
2008 EF ₁₃₂	2009 10 10.7	01 04.16 -00 22.2 20.8	-0.95	- 5.6	2.8/08.5	62528
2004 TK ₂₁₅	2009 10 10.7	01 04.16 +07 38.2 20.1	-0.76	- 6.9	0.3/11.0	62408
2008 CK ₁₉₉	2009 10 10.7	01 04.17 +05 39.5 19.6	-0.99	- 5.0	0.5/10.4	62524
1997 MM ₇	2009 10 10.7	01 04.18 -00 05.8 20.0	-0.68	- 7.4	1.9/08.3	62293
2008 GY ₅₇	2009 10 10.7	01 04.21 +05 01.5 20.6	-0.99	- 5.0	0.7/10.2	62089
2007 GA ₃₄	2009 10 10.7	01 04.22 +21 00.9 20.4	-1.02	- 2.4	4.6/14.7	59793
2006 WD ₂₀₄	2009 10 10.7	01 04.22 +03 49.6 20.7	-0.94	- 5.0	1.0/09.8	41857
2007 AL ₆	2009 10 10.7	01 04.23 +03 37.8 20.9	-0.91	- 5.7	1.1/09.7	62498
2005 YZ ₁₄₄	2009 10 10.7	01 04.23 +04 16.5 21.4	-0.75	- 4.3	0.7/09.9	20832
2007 FU ₂₂	2009 10 10.7	01 04.26 +04 57.1 19.2	-0.86	- 1.8	0.6/10.2	62517
2004 FY ₁₀₇	2009 10 10.7	01 04.26 +04 24.0 19.0	-0.86	- 8.5	1.0/09.9	62389
2002 QB ₁₃₀	2009 10 10.7	01 04.27 +18 05.3 19.3	-1.08	- 3.6	4.9/13.9	53359
2009 SE ₁₄₂	2009 10 10.7	01 04.28 +06 50.3 20.6	-0.79	- 8.1	0.0/10.7	62222
2006 BF ₅₄	2009 10 10.7	01 04.30 -11 46.4 21.0	-0.69	- 7.0	5.0/04.0	21354
2007 DD ₂₄	2009 10 10.7	01 04.31 -00 02.3 19.7	-0.79	- 7.0	2.5/08.4	62505
2002 EK ₁₂₇	2009 10 10.7	01 04.32 +31 09.9 19.3	-0.74	+ 0.1	4.7/18.4	62345
2007 ET ₉₇	2009 10 10.7	01 04.35 +06 05.0 20.4	-1.00	- 4.6	0.3/10.5	62512
2004 CQ ₁₀₈	2009 10 10.7	01 04.35 +15 17.6 20.0	-1.01	- 5.8	3.3/13.3	16262
2005 WQ ₉₁	2009 10 10.7	01 04.35 +11 24.1 17.8	-0.61	- 7.3	2.3/12.4	61991
2006 VN ₅₅	2009 10 10.7	01 04.41 +09 19.4 20.5	-0.97	- 7.9	1.0/11.6	62023
2003 CB ₁₃	2009 10 10.7	01 04.42 +22 15.2 20.5	-0.97	- 3.6	4.7/15.5	35845
2004 XS ₆	2009 10 10.7	01 04.42 -06 39.1 18.9	-0.84	- 1.9	4.5/06.8	62413
2001 UY ₂₃	2009 10 10.7	01 04.42 +19 14.1 19.0	-1.03	- 2.9	4.5/14.3	62324
2003 HO ₅₀	2009 10 10.7	01 04.46 -03 18.9 20.2	-0.76	- 7.5	3.0/07.3	55965
2005 UE ₃₅₂	2009 10 10.7	01 04.47 +10 29.0 18.8	-1.11	+ 0.4	1.5/11.7	62452
2007 CM ₄₄	2009 10 10.7	01 04.48 +09 41.3 21.3	-0.95	- 5.9	1.0/11.7	62503
2005 CU ₅	2009 10 10.7	01 04.49 +39 24.5 20.2	-1.58	+ 1.1	13.5/19.6	35899
2009 RU ₄₆	2009 10 10.8	01 04.46 +07 32.4 20.0	-0.72	- 8.4	0.2/11.0	62194
2004 DY ₂₄	2009 10 10.8	01 04.47 +12 00.6 19.3	-1.09	- 1.8	2.5/12.1	62385
1993 VM ₇	2009 10 10.8	01 04.47 +03 31.5 19.3	-0.91	- 0.7	1.0/09.9	62291
2003 SQ ₂₇₉	2009 10 10.8	01 04.49 +12 21.3 19.7	-0.72	- 5.8	1.6/12.7	62377
2007 CR ₅₈	2009 10 10.8	01 04.49 -29 29.8 19.7	-0.87	- 4.7	12.2/26.8	22874
2009 SD ₂₉	2009 10 10.8	01 04.49 +07 48.9 19.0	-0.89	- 2.5	0.5/11.1	62205
2007 GB ₃₁	2009 10 10.8	01 04.50 +07 35.0 18.7	-0.71	- 6.5	0.2/11.1	62062
2008 DE ₃₂	2009 10 10.8	01 04.50 +28 54.6 19.9	-1.82	+ 7.4	11.4/14.3	62525
2005 QG ₁₁₈	2009 10 10.8	01 04.51 +08 16.9 19.6	-0.91	- 3.4	0.7/11.2	61929
2000 CO ₇₄	2009 10 10.8	01 04.52 +05 59.7 21.3	-0.72	- 4.6	0.2/10.5	24303
2006 FA ₄₈	2009 10 10.8	01 04.54 +00 08.6 20.2	-0.74	- 3.5	1.8/08.7	62483
2004 FL ₃₇	2009 10 10.8	01 04.55 +03 44.0 20.5	-0.94	- 5.3	1.1/09.9	62388
1999 RD ₁₅₉	2009 10 10.8	01 04.57 +13 17.5 18.1	-1.11	- 0.5	3.2/12.5	61831
2009 RW ₁₆	2009 10 10.8	01 04.57 +04 21.4 19.0	-0.92	- 6.2	1.2/10.0	62182
2009 SU ₁₂₆	2009 10 10.8	01 04.59 +11 59.3 20.3	-0.91	- 4.0	1.9/12.4	62219
2000 QA ₄₃	2009 10 10.8	01 04.61 -07 49.6 19.3	-0.78	- 8.5	5.2/05.7	62306

2005 SM ₈₉	2009 10 10.8	01 04.61 +07 47.8 19.0	-1.18 + 2.6	0.4/11.0	62433
2004 HV ₃₃	2009 10 10.8	01 04.65 -01 21.2 20.5	-0.90 - 6.1	2.8/08.2	86489
2007 GE ₁₆	2009 10 10.8	01 04.65 +08 39.1 20.2	-0.77 - 4.2	0.5/11.4	62518
2005 UV ₁₇₀	2009 10 10.8	01 04.67 +08 26.1 19.7	-0.88 - 4.8	0.5/11.3	62448
2005 XD ₇₆	2009 10 10.8	01 04.67 +09 42.2 20.0	-0.84 - 5.0	0.9/11.7	62467
2006 AX ₈₃	2009 10 10.8	01 04.68 -10 19.7 20.2	-0.82 - 2.7	5.3/05.5	96962
2004 VM ₇₂	2009 10 10.8	01 04.72 -02 49.4 18.9	-0.81 - 2.8	3.5/08.0	61913
1999 TY ₄₈	2009 10 10.8	01 04.72 +04 01.7 21.3	-1.01 - 5.8	1.1/10.0	22371
1998 KC ₁₁	2009 10 10.8	01 04.73 -03 51.8 20.8	-0.94 - 7.4	4.1/07.4	34677
2006 UW ₄₆	2009 10 10.8	01 04.74 +05 14.6 20.6	-1.00 - 6.7	0.7/10.4	62489
2008 RE ₅₅	2009 10 10.8	01 04.74 +09 09.8 20.9	-0.48 - 3.8	0.4/11.7	62100
2008 LW ₁₀	2009 10 10.8	01 04.77 +04 40.3 20.0	-0.83 - 6.5	0.8/10.1	62541
2002 JB ₁₂₇	2009 10 10.8	01 04.79 +11 40.8 19.4	-0.70 - 9.5	1.3/12.6	32032
2007 EK ₁₃₅	2009 10 10.8	01 04.80 +08 16.6 20.5	-0.82 - 4.6	0.5/11.3	62055
2009 SK ₁₂₄	2009 10 10.8	01 04.83 +14 48.8 20.5	-0.95 - 2.8	2.7/13.2	62218
2005 NH ₅₈	2009 10 10.8	01 04.83 +15 21.6 20.9	-0.98 - 7.2	3.1/13.6	41184
2006 WV ₅₅	2009 10 10.8	01 04.84 -12 56.8 20.9	-0.84 - 4.3	6.0/04.5	59782
2005 YX ₁₀₈	2009 10 10.8	01 04.88 +06 19.1 20.1	-0.79 - 5.5	0.2/10.7	62470
2002 FL ₂₁	2009 10 10.8	01 04.91 +13 55.1 20.1	-0.91 - 3.2	2.2/13.0	61846
2008 ED ₁₂₀	2009 10 10.8	01 04.93 +04 23.4 20.9	-1.00 - 5.3	0.9/10.2	62528
2007 WN ₂₀	2009 10 10.9	01 04.83 +52 01.8 20.0	-1.59 - 3.4	19.0/30.6	36006
2009 RV ₁₆	2009 10 10.9	01 04.89 +04 26.0 19.7	-0.82 - 5.7	0.9/10.1	62182
2007 GD ₄₅	2009 10 10.9	01 04.89 +06 21.6 21.1	-0.70 - 5.7	0.1/10.7	62062
2008 EF ₁₀	2009 10 10.9	01 04.90 -00 05.9 20.8	-0.99 - 5.4	2.5/08.8	56128
2009 RA ₄₄	2009 10 10.9	01 04.91 +11 27.5 19.6	-0.94 - 2.5	1.6/12.2	62193
2005 WK ₄₉	2009 10 10.9	01 04.92 -00 32.4 20.3	-0.87 - 3.9	2.5/08.7	62461
2006 DD ₁₂₈	2009 10 10.9	01 04.93 +01 42.5 19.9	-0.77 - 4.5	1.8/09.3	62481
2007 GE ₂₄	2009 10 10.9	01 04.94 +02 06.5 20.6	-0.82 - 2.5	1.4/09.5	62518
2007 DD ₁₁₂	2009 10 10.9	01 04.95 +08 54.6 21.1	-0.88 - 1.5	0.6/11.5	62509
2000 HT ₁₅	2009 10 10.9	01 04.97 +26 14.9 19.7	-1.16 -26.1	8.5/19.0	62305
2006 BG ₂₇₈	2009 10 10.9	01 04.98 +13 22.8 20.8	-0.79 - 4.3	1.9/13.0	62011
2005 JW ₈₉	2009 10 10.9	01 04.98 +01 01.6 20.1	-1.01 - 3.9	2.7/09.3	62419
2001 XU ₄₄	2009 10 10.9	01 04.98 -07 47.3 19.8	-0.97 - 1.7	4.9/06.8	17975
2005 WN ₈₀	2009 10 10.9	01 04.99 +04 44.9 20.2	-0.85 - 4.8	0.8/10.3	62462
2005 YV ₆₃	2009 10 10.9	01 05.01 +08 20.7 20.1	-0.82 - 4.6	0.5/11.4	62469
2007 EM ₁₃₆	2009 10 10.9	01 05.01 +09 42.6 20.3	-0.98 - 3.1	1.0/11.7	62514
2005 NY ₃₆	2009 10 10.9	01 05.03 +17 57.2 19.7	-0.98 - 6.4	4.4/14.5	62423
2005 RG ₄₆	2009 10 10.9	01 05.06 -07 47.8 20.2	-0.96 - 2.2	5.9/06.9	58508
2005 QC ₆₈	2009 10 10.9	01 05.06 +02 07.8 19.5	-0.90 - 5.0	2.1/09.5	62427
2002 EY ₁₂	2009 10 10.9	01 05.07 +02 16.2 20.5	-0.92 - 4.5	1.6/09.5	62343
2008 KN ₄₁	2009 10 10.9	01 05.11 +07 08.4 21.4	-0.91 - 6.1	0.1/11.0	41690
2002 UP ₇₃	2009 10 10.9	01 05.11 +07 32.3 20.2	-0.96 - 6.1	0.3/11.1	62360
2005 WT ₁₆₄	2009 10 10.9	01 05.12 -05 02.2 20.6	-0.88 - 3.0	3.8/07.4	96564
2007 DV ₉	2009 10 10.9	01 05.16 -03 21.0 19.9	-0.79 - 6.2	3.6/07.6	62505
2004 XE ₁₆₇	2009 10 10.9	01 05.18 -04 31.2 18.4	-0.83 - 2.5	4.1/07.6	62415
2005 RK ₂₆	2009 10 10.9	01 05.19 +09 18.3 19.7	-0.92 - 6.1	1.0/11.7	62430
2009 RC ₄₇	2009 10 10.9	01 05.20 +08 43.2 20.7	-0.82 - 4.8	0.6/11.5	62194
2005 YV ₇₇	2009 10 10.9	01 05.21 -03 51.2 20.6	-0.77 - 3.9	3.2/07.6	58522
2005 UY ₁₉₄	2009 10 10.9	01 05.22 +06 32.4 19.3	-0.83 - 6.5	0.1/10.9	62449
2009 RZ ₁₆	2009 10 10.9	01 05.23 +07 17.4 17.8	-0.99 0.0	0.2/11.1	62182
2005 YY ₄₄	2009 10 10.9	01 05.26 -07 25.6 20.4	-0.80 - 5.3	4.9/06.2	19677

2007 CL ₄₇	2009 10 10.9	01 05.27 +09 36.6 21.2	-0.84 - 5.2	0.8/11.8	62503
2006 AM ₆	2009 10 11.0	01 05.21 -09 50.6 21.2	-0.76 - 4.0	4.3/05.5	03830
2005 TU ₆₂	2009 10 11.0	01 05.21 +03 53.0 19.7	-0.88 - 5.1	1.2/10.1	61946
2001 UV ₂₂₆	2009 10 11.0	01 05.21 -02 50.4 20.4	-0.88 - 2.6	4.5/08.1	21770
2008 LT ₁₆	2009 10 11.0	01 05.22 +17 35.2 20.1	-0.88 - 6.6	3.4/14.5	62541
2004 FV ₂₇	2009 10 11.0	01 05.23 +08 45.1 20.7	-1.00 - 5.5	0.7/11.5	62388
2002 TD ₁₅₉	2009 10 11.0	01 05.25 -12 33.6 18.9	-0.93 - 4.4	8.3/05.0	62358
2001 YV ₁₃	2009 10 11.0	01 05.26 -01 00.8 19.2	-0.77 - 4.7	3.8/08.4	10844
2005 WP ₇₅	2009 10 11.0	01 05.27 +05 57.9 20.2	-0.90 - 4.1	0.4/10.7	62462
2005 UV ₃₄₈	2009 10 11.0	01 05.27 +26 14.6 18.5	-0.82 - 9.4	7.3/18.4	40696
2001 XK ₁₁₃	2009 10 11.0	01 05.27 -03 18.2 19.8	-0.89 - 5.6	3.8/07.7	62332
2005 YD ₂₇₅	2009 10 11.0	01 05.29 -00 01.9 19.9	-0.74 - 5.1	1.9/08.7	62473
2003 SZ ₉₈	2009 10 11.0	01 05.29 +29 00.6 19.3	-0.88 - 3.4	6.4/18.5	62376
2005 TO ₁₄₁	2009 10 11.0	01 05.30 +01 51.3 20.2	-0.93 - 4.3	1.9/09.5	62441
2004 FH ₃₀	2009 10 11.0	01 05.33 -23 22.3 21.4	-1.09 - 0.8	9.3/02.3	12873
2006 VN ₆₂	2009 10 11.0	01 05.33 +05 27.3 18.8	-0.98 - 5.2	0.7/10.6	62492
2005 UR ₁₇₇	2009 10 11.0	01 05.33 +12 23.5 20.1	-0.85 - 5.6	1.7/12.8	62448
2002 JP ₁₂₃	2009 10 11.0	01 05.36 -14 37.6 21.3	-0.82 - 3.1	5.6/04.1	20766
2001 WD ₆₃	2009 10 11.0	01 05.37 +13 05.6 19.4	-0.87 - 6.2	2.4/13.0	62329
2003 FL ₈₅	2009 10 11.0	01 05.38 +10 55.9 20.1	-0.81 - 7.7	1.3/12.4	62370
2006 BC ₂₄₃	2009 10 11.0	01 05.41 +16 50.6 20.6	-0.84 - 2.6	2.9/14.0	02282
2009 RX ₁₄	2009 10 11.0	01 05.42 +08 19.0 20.5	-0.92 - 1.5	0.5/11.4	62181
2007 EB ₆₅	2009 10 11.0	01 05.42 +04 57.5 19.8	-0.90 - 2.9	0.7/10.5	62511
2003 FE ₄₂	2009 10 11.0	01 05.44 +08 57.8 20.2	-0.53 - 2.3	0.4/11.7	62370
2003 SE ₄₂₈	2009 10 11.0	01 05.44 +13 29.6 20.1	-0.88 - 1.4	2.1/12.9	61882
2007 DJ ₄₂	2009 10 11.0	01 05.45 +12 04.5 20.4	-0.92 - 4.7	1.7/12.6	62506
2001 VT ₁₁	2009 10 11.0	01 05.45 -06 22.5 18.1	-1.29 + 8.2	6.6/09.0	62326
2002 CH ₅₄	2009 10 11.0	01 05.50 -04 06.5 19.8	-0.76 - 6.6	3.3/07.3	62340
2005 QM ₆₆	2009 10 11.0	01 05.51 +09 16.8 19.2	-0.99 - 2.3	1.1/11.7	62427
2007 GL ₇₃	2009 10 11.0	01 05.51 -01 45.7 19.5	-0.71 - 7.0	2.6/08.0	62519
2001 QU ₁₄	2009 10 11.0	01 05.52 +28 48.0 20.0	-1.14 - 2.9	7.7/17.8	39150
2002 EF ₁₆₂	2009 10 11.0	01 05.54 -03 19.3 21.3	-0.73 - 4.2	2.6/07.8	40103
2007 EO ₁₃₀	2009 10 11.0	01 05.56 +05 35.1 19.7	-0.76 - 5.0	0.4/10.6	62513
2005 AU ₆₇	2009 10 11.0	01 05.57 -05 01.3 20.4	-0.69 - 5.6	3.4/07.0	41824
2008 GY ₁₂₆	2009 10 11.0	01 05.59 -09 20.6 19.1	-0.91 - 4.8	7.1/06.0	41635
2005 YX ₉₅	2009 10 11.0	01 05.64 +02 39.9 20.6	-0.82 - 4.3	1.5/09.8	20468
2002 UV ₇₁	2009 10 11.1	01 05.56 +16 08.3 19.4	-0.85 -11.6	4.1/15.0	62360
2001 WD ₅₅	2009 10 11.1	01 05.57 +05 35.3 19.6	-0.88 - 5.0	0.6/10.7	62329
2004 RC ₂₃₂	2009 10 11.1	01 05.58 +06 19.9 19.6	-0.81 - 4.9	0.2/10.9	62400
2005 WZ ₁₈₂	2009 10 11.1	01 05.61 +06 15.2 18.4	-0.69 -13.1	0.3/10.8	61996
2005 WJ ₃₁	2009 10 11.1	01 05.63 +13 30.4 20.6	-0.86 - 5.2	2.3/13.2	61988
2007 BW ₇₇	2009 10 11.1	01 05.64 +25 20.5 20.4	-1.03 - 2.2	6.2/16.6	40175
2004 RX ₂₈₈	2009 10 11.1	01 05.64 +07 10.0 20.3	-0.79 - 5.7	0.1/11.2	22487
2002 XU ₄₉	2009 10 11.1	01 05.66 +18 11.5 19.5	-0.92 - 6.9	4.7/14.8	62364
2002 CP ₈	2009 10 11.1	01 05.68 -03 51.3 21.2	-0.78 - 5.9	3.1/07.5	40102
2005 YD ₃₈	2009 10 11.1	01 05.68 +15 09.4 19.3	-0.88 - 2.9	2.5/13.6	62468
2007 CD ₄₀	2009 10 11.1	01 05.68 -01 25.6 20.7	-0.83 - 6.0	2.8/08.4	56088
2007 EU ₁₉₅	2009 10 11.1	01 05.69 +00 09.5 19.9	-0.68 - 2.8	1.8/09.0	20858
2009 RK ₃₁	2009 10 11.1	01 05.69 +08 32.6 19.0	-0.76 - 7.6	0.7/11.7	62188
2005 UW ₄	2009 10 11.1	01 05.69 +05 00.7 18.9	-1.06 - 0.5	0.8/10.6	62442
1999 XW ₂₅₄	2009 10 11.1	01 05.70 -07 20.0 19.7	-0.77 - 4.1	4.8/06.5	62301

1999 US ₃₇	2009 10 11.1	01 05.71 +03 22.6 20.6	-0.81 - 4.3	1.2/10.0	62299
2003 SE ₆₅	2009 10 11.1	01 05.76 +27 31.0 18.5	-0.80 - 5.6	6.3/18.5	62375
2004 BT ₄₃	2009 10 11.1	01 05.76 +07 11.1 20.4	-1.01 - 4.9	0.1/11.2	39192
2005 UZ ₁₀	2009 10 11.1	01 05.76 +06 02.3 19.7	-0.83 - 8.0	0.4/10.8	62442
2008 CQ ₁₆₅	2009 10 11.1	01 05.77 -11 28.3 20.5	-0.89 -11.7	6.2/04.5	39287
2007 CJ ₂₆	2009 10 11.1	01 05.81 -00 28.1 21.2	-1.00 - 5.0	2.9/08.9	41861
2005 YZ ₁₂₃	2009 10 11.1	01 05.84 -02 12.9 20.6	-0.76 - 3.9	2.5/08.3	20831
2008 FE ₁₀₇	2009 10 11.1	01 05.86 +02 56.7 20.8	-0.93 - 5.8	1.5/09.9	62531
2006 XR ₁₇	2009 10 11.1	01 05.87 -13 36.0 19.8	-0.90 - 3.5	6.6/04.8	62496
2005 NN ₄₆	2009 10 11.1	01 05.89 +01 11.9 19.2	-0.84 - 6.1	2.6/09.3	62423
2005 UN ₁₂₆	2009 10 11.1	01 05.92 +03 51.1 19.8	-0.90 - 3.9	1.2/10.2	62446
2002 UG ₇₇	2009 10 11.1	01 05.92 -01 35.2 19.6	-1.01 - 3.4	3.2/08.7	59687
2006 AU ₅₂	2009 10 11.1	01 05.93 +07 13.1 20.2	-0.76 - 5.6	0.1/11.2	22807
2005 UZ ₉₆	2009 10 11.1	01 05.96 +04 09.3 20.2	-0.84 - 6.4	1.1/10.3	62446
2005 YM ₂₃₉	2009 10 11.1	01 05.97 +01 25.7 21.5	-0.74 - 4.8	1.5/09.4	20833
2002 FM	2009 10 11.1	01 05.97 +23 30.4 22.2	-0.90 - 2.3	3.8/16.3	41096
2009 RN ₄₇	2009 10 11.1	01 06.00 +08 02.2 19.3	-0.96 - 6.8	0.4/11.5	62194
2005 UX ₄₂₅	2009 10 11.2	01 05.95 +00 16.9 21.2	-0.88 - 3.1	1.9/09.2	20822
2004 FX ₁₀₄	2009 10 11.2	01 05.96 -04 52.4 20.0	-0.97 - 4.9	4.2/07.6	60801
2007 EQ ₁₇₃	2009 10 11.2	01 05.98 +07 32.2 20.3	-0.71 - 6.8	0.1/11.4	62515
2006 BX ₁₆₇	2009 10 11.2	01 06.02 -01 15.0 20.1	-0.72 - 5.2	2.3/08.5	41842
2003 GF ₄₉	2009 10 11.2	01 06.05 -09 32.9 20.6	-0.85 - 3.6	5.1/06.1	57985
2000 EW ₁₀	2009 10 11.2	01 06.05 +09 40.8 20.8	-1.00 - 4.6	0.9/12.0	34684
2006 VL ₆₃	2009 10 11.2	01 06.06 +15 39.2 19.3	-0.91 - 9.0	3.9/14.2	62492
2005 VU ₇₄	2009 10 11.2	01 06.07 -02 43.6 19.6	-0.85 - 4.3	3.2/08.2	62458
2002 AA ₂₀₂	2009 10 11.2	01 06.08 +07 44.9 18.3	-0.77 - 7.5	0.3/11.5	62338
2007 DZ ₂₇	2009 10 11.2	01 06.08 -00 40.8 20.2	-0.84 - 5.4	2.6/08.8	62505
2004 BS ₅₂	2009 10 11.2	01 06.10 +03 17.8 20.3	-0.99 - 6.9	1.6/10.1	62383
2007 CO ₁₇	2009 10 11.2	01 06.12 +11 06.1 19.7	-0.98 - 2.8	1.7/12.4	62039
2007 BD ₇₆	2009 10 11.2	01 06.12 -03 34.6 19.9	-0.84 - 9.0	4.7/07.5	24147
1997 EB ₁₀	2009 10 11.2	01 06.13 +11 30.6 20.5	-0.99 - 5.5	1.8/12.6	62293
2004 TA ₂₈₆	2009 10 11.2	01 06.17 +09 22.8 20.0	-0.79 - 4.8	0.8/12.0	62409
2005 QH ₉₄	2009 10 11.2	01 06.19 -01 51.4 19.7	-0.85 - 7.6	3.7/08.3	55185
2005 ND ₉	2009 10 11.2	01 06.20 +19 30.0 19.8	-0.97 - 5.9	5.2/15.3	87695
2005 YG ₁₆₂	2009 10 11.2	01 06.22 +04 04.2 20.0	-0.79 - 5.6	1.0/10.3	62471
2006 BY ₃₂	2009 10 11.2	01 06.23 +02 47.7 20.3	-0.75 - 4.5	1.2/09.9	62476
2004 WJ ₃	2009 10 11.2	01 06.26 -04 02.3 19.1	-0.77 - 4.0	3.9/07.8	97772
2005 NK ₂₂	2009 10 11.2	01 06.26 +03 04.7 20.2	-0.92 - 7.2	1.5/10.0	62422
2007 EJ ₁₉₉	2009 10 11.2	01 06.26 -29 54.6 20.4	-0.98 - 0.1	10.5/29.7	59792
2001 SY ₃₃₈	2009 10 11.2	01 06.27 +04 11.5 20.0	-0.69 -10.4	1.3/10.2	62321
2009 ST ₁₄₂	2009 10 11.2	01 06.28 +10 44.5 20.5	-1.09 - 1.3	1.5/12.2	62223
2005 ME ₅₀	2009 10 11.2	01 06.28 +18 26.1 19.1	-0.99 - 4.4	5.0/14.7	62422
2004 BS ₉₃	2009 10 11.2	01 06.29 +10 07.8 19.5	-0.88 -10.0	1.0/12.3	62383
2002 YP ₂₅	2009 10 11.2	01 06.30 +02 34.8 19.3	-0.94 - 5.1	1.9/09.9	62365
2006 ES ₆₃	2009 10 11.2	01 06.32 +29 20.5 19.2	-1.22 + 2.9	8.0/16.3	01494
2004 TJ ₁₇₆	2009 10 11.2	01 06.32 +03 35.2 18.5	-0.71 - 5.6	1.5/10.1	61906
1998 HU	2009 10 11.3	01 06.31 +03 25.0 20.6	-0.77 - 6.8	1.0/10.1	62294
2001 TX ₂₆	2009 10 11.3	01 06.31 +15 55.6 18.8	-0.85 - 1.7	4.5/13.9	62321
2002 PB ₁₆₉	2009 10 11.3	01 06.32 +08 35.5 19.9	-0.95 - 5.5	0.7/11.8	62351
2009 SE ₁₄₁	2009 10 11.3	01 06.34 +10 52.7 20.6	-0.88 - 3.0	1.3/12.4	62222
2004 TA ₇₇	2009 10 11.3	01 06.34 +06 31.3 21.0	-0.83 - 4.4	0.2/11.1	62405

2005 UX ₉₆	2009 10 11.3	01 06.35 +02 32.0 19.5	-0.83 - 6.2	1.8/09.9	62446
2007 GR ₁₆	2009 10 11.3	01 06.36 +15 32.5 21.4	-0.69 - 7.3	2.1/14.3	21363
2006 DM ₈₈	2009 10 11.3	01 06.36 +06 21.3 20.5	-0.76 - 4.9	0.2/11.1	62481
2003 BC ₃	2009 10 11.3	01 06.37 -33 23.3 22.3	-0.88 - 4.5	10.1/26.0	40112
2008 HE ₅₂	2009 10 11.3	01 06.37 +03 55.7 20.6	-0.96 - 8.2	1.2/10.3	41657
2002 RT ₂₇₉	2009 10 11.3	01 06.37 +02 42.6 20.3	-0.81 -10.1	1.9/09.8	61864
2000 QE ₁₆₃	2009 10 11.3	01 06.38 +21 53.3 19.1	-0.88 - 5.1	5.9/16.2	62306
2008 GT ₉₂	2009 10 11.3	01 06.39 -07 50.7 21.2	-0.99 - 4.1	5.1/07.0	40762
1999 TK ₁₇₀	2009 10 11.3	01 06.49 +06 34.7 19.1	-0.94 - 1.5	0.2/11.2	62298
2005 UN ₄₈	2009 10 11.3	01 06.51 +04 36.2 20.4	-0.75 - 6.8	1.1/10.5	61955
2005 YE ₂₆₂	2009 10 11.3	01 06.51 +06 36.0 20.9	-0.76 - 4.4	0.1/11.2	62473
2003 HN ₁₅	2009 10 11.3	01 06.52 -07 19.6 20.8	-0.79 - 5.5	4.2/06.6	22435
2005 UE ₃₁₂	2009 10 11.3	01 06.54 +05 16.9 21.0	-0.84 - 6.3	0.6/10.8	56033
2009 RK ₁₄	2009 10 11.3	01 06.58 +04 42.0 20.4	-0.72 - 7.8	0.8/10.5	62180
2005 AK ₂	2009 10 11.3	01 06.59 +48 10.8 19.1	-1.10 + 0.4	13.2/26.2	62416
2007 EV ₁₃₀	2009 10 11.3	01 06.59 +05 39.1 20.2	-0.80 - 5.6	0.5/10.9	62513
2005 YG ₇₀	2009 10 11.3	01 06.63 +03 12.3 19.7	-0.81 - 4.2	1.3/10.2	62469
2001 TR ₁₆₆	2009 10 11.3	01 06.64 +28 10.8 19.0	-0.91 - 6.8	7.5/18.8	62323
2008 FA ₄₉	2009 10 11.3	01 06.64 +05 44.9 20.1	-0.97 - 4.5	0.5/11.0	62530
2002 QR ₆₀	2009 10 11.3	01 06.65 +20 25.1 20.7	-1.02 - 7.6	5.3/15.8	62399
2005 UT ₇₆	2009 10 11.3	01 06.69 +04 51.1 18.5	-0.89 - 1.2	1.1/10.8	62445
1997 SA ₂₇	2009 10 11.3	01 06.71 +01 06.0 20.4	-0.69 - 6.4	1.8/09.3	62293
2002 CU ₃₀₉	2009 10 11.3	01 06.72 -10 30.5 19.3	-0.70 -11.5	7.2/04.3	62343
2003 EN ₅₉	2009 10 11.3	01 06.72 +00 47.5 21.4	-0.78 - 6.5	1.6/09.3	62443
2004 UK ₃	2009 10 11.3	01 06.73 -12 46.9 19.0	-0.78 - 3.8	6.9/05.0	62410
2006 XA ₇₂	2009 10 11.3	01 06.74 -00 24.1 20.8	-0.90 - 5.8	2.6/09.1	41857
2004 KR ₁₃	2009 10 11.3	01 06.75 +01 19.2 19.6	-0.81 -10.2	2.1/09.4	62393
2007 CR ₂₂	2009 10 11.3	01 06.76 +24 04.7 19.9	-0.99 - 3.3	5.6/16.6	62503
2008 BD ₂₂	2009 10 11.3	01 06.79 -36 01.8 21.2	-1.18 - 5.5	17.0/25.0	35274
2001 SR ₂₅₈	2009 10 11.4	01 06.67 +08 21.2 20.3	-0.92 - 5.3	0.4/11.8	62320
2007 GF ₄	2009 10 11.4	01 06.72 -21 02.0 20.9	-0.76 - 2.1	6.2/02.4	22886
2008 EA ₁	2009 10 11.4	01 06.74 -16 06.3 20.8	-0.98 - 4.0	8.5/04.5	62526
2005 UR ₄₉₇	2009 10 11.4	01 06.75 +03 57.3 18.7	-0.74 -14.3	1.1/10.2	62455
2000 QU ₁₇₅	2009 10 11.4	01 06.76 -02 49.1 18.9	-0.76 -10.2	3.8/07.9	62306
2008 FG ₆₆	2009 10 11.4	01 06.79 +06 14.5 21.1	-0.89 - 6.2	0.3/11.2	41561
2006 BV ₆₇	2009 10 11.4	01 06.79 +04 24.1 20.3	-0.81 - 4.1	0.9/10.6	62477
2008 FA ₅₁	2009 10 11.4	01 06.80 +05 47.9 20.6	-1.02 - 3.8	0.5/11.1	40748
2002 CH ₁₉₀	2009 10 11.4	01 06.81 -07 00.3 20.1	-0.79 - 5.7	4.6/06.8	25845
2008 FC ₆₈	2009 10 11.4	01 06.82 +02 05.9 20.5	-0.96 - 5.2	1.8/09.9	62530
2001 DR ₉₇	2009 10 11.4	01 06.83 -09 51.8 19.9	-0.71 - 5.6	4.6/05.6	62312
2007 DS ₁₀₅	2009 10 11.4	01 06.84 +00 13.8 20.3	-0.76 - 8.7	2.3/09.0	62508
2009 QL ₅	2009 10 11.4	01 06.84 +12 21.9 18.1	-0.93 + 0.2	2.6/12.8	62136
2007 DD ₁₁₃	2009 10 11.4	01 06.84 +08 35.6 19.9	-0.87 - 5.0	0.5/11.9	62509
2006 BU ₉₇	2009 10 11.4	01 06.86 +00 39.8 20.2	-0.75 - 4.6	2.0/09.4	62477
2007 EC ₈₆	2009 10 11.4	01 06.87 +09 48.8 20.4	-0.85 - 1.7	0.7/12.2	62053
2002 VN ₃₂	2009 10 11.4	01 06.88 -14 23.9 18.1	-1.11 + 2.4	10.4/06.1	62361
2001 XC ₅₄	2009 10 11.4	01 06.88 -04 48.2 18.8	-0.82 - 2.8	5.7/07.8	62331
2009 SH ₁₄₁	2009 10 11.4	01 06.88 +11 37.2 19.3	-1.01 - 1.9	1.9/12.7	62222
1988 PH ₄	2009 10 11.4	01 06.88 -01 18.4 16.5	-0.04 -15.6	4.6/07.2	62291
2008 FY ₇₅	2009 10 11.4	01 06.89 -01 20.1 19.5	-0.94 - 7.4	3.3/08.8	62531
2003 YP ₆₄	2009 10 11.4	01 06.89 -08 02.3 20.3	-0.59 - 3.7	3.2/06.3	87601

2006 TP ₂₇	2009 10 11.4	01 06.91 +04 08.7 20.2	-1.09	- 4.1	1.2/10.6	62487
2007 EZ ₁₁₁	2009 10 11.4	01 06.91 +01 37.2 20.1	-0.77	- 8.9	1.7/09.5	62513
2003 FD ₁₁₁	2009 10 11.4	01 06.92 -03 02.3 20.4	-0.87	- 4.1	3.0/08.4	59697
2005 SK ₄₉	2009 10 11.4	01 06.95 +06 50.4 20.5	-0.91	- 4.7	0.1/11.4	62432
2005 UB ₃₅₅	2009 10 11.4	01 07.00 +07 07.7 18.0	-1.07	- 0.7	0.0/11.5	62452
2005 YM ₁₉₆	2009 10 11.4	01 07.01 +08 48.0 20.4	-0.80	- 4.7	0.5/12.0	62472
2005 SK ₂₁₂	2009 10 11.4	01 07.02 +06 28.5 20.5	-0.95	- 3.3	0.2/11.3	62437
2007 HS ₈₁	2009 10 11.4	01 07.03 +04 58.2 21.0	-0.69	- 5.7	0.6/10.8	62521
2002 QK ₁₂₆	2009 10 11.4	01 07.05 -09 26.6 20.0	-0.68	- 4.3	4.7/05.9	62352
2005 UF ₄₂	2009 10 11.4	01 07.06 +08 45.3 19.2	-0.94	- 2.6	0.7/11.9	62443
2002 EE ₈	2009 10 11.4	01 07.08 +15 34.1 18.9	-0.55	- 2.0	1.6/14.3	62343
2003 NN ₁₂	2009 10 11.4	01 07.08 -13 55.2 20.9	-0.72	- 6.7	5.8/04.2	22437
2007 DE ₉₀	2009 10 11.4	01 07.08 +07 01.1 20.0	-0.98	- 5.0	0.0/11.5	62508
2006 DD ₆₄	2009 10 11.4	01 07.09 -06 45.8 19.8	-0.76	- 2.9	3.7/07.2	62481
2005 YL ₁₀₂	2009 10 11.4	01 07.10 +07 17.3 20.9	-0.79	- 5.3	0.1/11.5	19679
2008 EZ ₁₃₄	2009 10 11.4	01 07.11 +02 15.2 19.8	-0.98	- 4.3	2.0/10.1	62528
2008 ED ₁₂₄	2009 10 11.5	01 07.04 +12 34.6 20.4	-1.06	- 4.2	2.2/13.1	56129
2001 XE ₁₃₃	2009 10 11.5	01 07.04 +17 12.5 20.3	-0.84	- 7.3	3.1/14.9	62332
2007 EU ₁₅₆	2009 10 11.5	01 07.05 -01 51.3 20.1	-0.68	- 7.1	2.6/08.4	62514
2003 AV ₅₉	2009 10 11.5	01 07.07 +07 22.8 18.7	-0.95	- 5.0	0.1/11.6	62366
2005 SG ₂₂₀	2009 10 11.5	01 07.07 +25 36.1 19.2	-1.03	- 2.8	7.2/17.1	62437
2002 RS ₁₅₉	2009 10 11.5	01 07.09 +06 30.1 19.0	-0.83	- 7.5	0.3/11.3	62354
2007 HG ₆₄	2009 10 11.5	01 07.09 -02 04.5 20.8	-0.90	- 3.0	2.8/08.8	20654
2001 YP ₇₁	2009 10 11.5	01 07.11 +12 56.2 20.4	-0.92	- 4.8	2.0/13.3	62335
2004 QH ₉	2009 10 11.5	01 07.11 -17 36.5 19.0	-0.99	+ 3.0	10.6/05.5	62396
2007 HR ₁	2009 10 11.5	01 07.11 -05 32.4 19.8	-0.85	- 1.6	3.8/07.9	22888
2005 VV ₄₇	2009 10 11.5	01 07.13 -01 17.0 20.4	-0.88	- 3.8	2.5/09.0	19668
2009 RL ₁₄	2009 10 11.5	01 07.13 +03 30.8 19.7	-0.77	-10.3	1.5/10.2	62180
2003 SV ₆₃	2009 10 11.5	01 07.15 +34 12.4 19.8	-0.91	- 2.6	8.9/20.9	62375
2003 SS ₃₆₃	2009 10 11.5	01 07.15 +08 09.3 21.0	-0.70	- 6.5	0.3/11.9	61882
2002 CC ₇₇	2009 10 11.5	01 07.19 +26 55.1 19.0	-1.10	- 1.0	7.3/16.8	62340
2005 QZ ₁₄₇	2009 10 11.5	01 07.20 -07 15.8 19.9	-0.93	- 4.0	5.9/07.3	40139
2001 YX ₈₂	2009 10 11.5	01 07.21 +26 40.8 18.9	-0.97	- 3.2	7.8/17.5	62335
2005 PR ₂	2009 10 11.5	01 07.22 +02 25.7 17.9	-0.78	- 5.9	2.3/10.0	62425
2005 XO ₂	2009 10 11.5	01 07.22 +09 21.9 18.9	-0.88	- 1.5	1.1/12.2	62465
2005 UF ₈₈	2009 10 11.5	01 07.23 +04 58.8 20.9	-0.89	- 5.1	0.7/10.9	22799
2003 BJ ₂₄	2009 10 11.5	01 07.23 +27 04.4 19.8	-0.92	- 6.1	6.2/18.4	62366
2008 GS ₃₇	2009 10 11.5	01 07.26 -00 36.6 20.6	-0.95	- 4.6	2.8/09.3	62533
1998 XK ₆	2009 10 11.5	01 07.27 +15 47.3 19.8	-0.49	- 4.4	1.6/14.6	50880
2006 BY ₁₀	2009 10 11.5	01 07.28 +04 18.3 21.1	-0.72	- 4.7	0.7/10.6	62476
2007 HB ₈	2009 10 11.5	01 07.28 +07 37.8 20.4	-0.70	- 6.9	0.1/11.7	62064
2007 BX ₁₄	2009 10 11.5	01 07.36 +11 36.2 19.5	-0.98	- 4.1	2.0/12.9	62500
2004 VB ₃₇	2009 10 11.5	01 07.37 +07 57.6 21.2	-0.79	- 4.6	0.3/11.8	62412
2001 YY ₆₃	2009 10 11.5	01 07.39 -02 16.8 19.7	-0.89	- 4.4	3.3/08.7	62335
2007 BG ₇₂	2009 10 11.5	01 07.40 -27 35.5 20.6	-1.15	+ 0.2	11.2/01.1	19696
2002 VF ₉₃	2009 10 11.5	01 07.41 +00 44.6 19.1	-0.86	- 6.3	3.0/09.5	62362
2002 LP ₅₇	2009 10 11.5	01 07.42 -06 06.2 19.0	-0.93	- 8.3	5.7/07.3	62349
2000 XK ₃₁	2009 10 11.5	01 07.44 +00 37.9 18.3	-0.95	- 0.6	2.8/09.9	62310
2008 GJ ₂₁	2009 10 11.5	01 07.46 +06 51.5 21.4	-0.95	- 6.2	0.1/11.5	40572
2006 BO ₅₄	2009 10 11.5	01 07.47 +02 31.6 20.5	-0.75	- 5.2	1.3/10.1	62476
2008 HK ₃	2009 10 11.5	01 07.48 +00 49.4 20.8	-0.96	- 5.5	2.2/09.7	62536

2001 WB ₁₉	2009 10 11.5	01 07.49 +10 53.7 19.7	-0.86	- 6.9	1.4/12.8	62329
2003 RW ₂₅	2009 10 11.5	01 07.53 +44 19.5 18.2	-1.26	+ 4.3	13.6/21.6	62374
2004 SB ₂	2009 10 11.6	01 07.42 +10 55.5 19.4	-0.84	- 4.4	1.4/12.8	62402
2007 DT ₂	2009 10 11.6	01 07.51 -00 21.3 20.6	-0.86	- 5.1	2.5/09.3	62504
2006 BL ₁₅₃	2009 10 11.6	01 07.51 +03 16.1 19.2	-0.77	- 4.2	1.4/10.4	62478
2009 SF ₁₂₇	2009 10 11.6	01 07.52 +12 52.2 19.3	-0.83	- 3.2	2.0/13.3	62219
2006 VQ ₁₃₉	2009 10 11.6	01 07.54 +10 25.1 20.2	-0.98	- 7.2	1.4/12.6	62024
2005 NV ₇	2009 10 11.6	01 07.54 +15 24.6 19.2	-0.94	- 7.5	3.6/15.0	61921
2001 WA ₂	2009 10 11.6	01 07.56 +18 10.0 18.9	-0.84	-25.6	4.8/16.4	61842
2009 RY ₁₇	2009 10 11.6	01 07.57 +12 04.0 20.4	-1.25	+ 9.9	2.5/12.3	62183
2002 CG ₈₄	2009 10 11.6	01 07.60 -07 26.3 19.2	-0.78	- 8.1	5.1/06.4	62340
2008 FS ₁₃₂	2009 10 11.6	01 07.62 +05 37.8 20.8	-0.96	- 8.3	0.6/11.1	58604
2007 DA ₈₇	2009 10 11.6	01 07.63 +08 23.0 21.9	-0.87	- 5.1	0.4/12.0	19707
2004 JL ₁₈	2009 10 11.6	01 07.64 -12 29.1 20.1	-1.05	+ 0.3	7.3/06.7	60803
2004 RQ ₂₀₄	2009 10 11.6	01 07.67 +23 45.1 20.0	-0.94	- 3.1	4.9/16.8	62400
2004 UU ₈	2009 10 11.6	01 07.67 +47 23.7 18.7	-1.06	- 5.7	12.7/29.4	60818
2006 DU ₂₀₁	2009 10 11.6	01 07.67 -09 53.7 20.1	-0.74	- 3.6	4.7/06.2	59772
2003 PN ₇	2009 10 11.6	01 07.70 +21 41.7 19.0	-0.84	- 4.8	4.7/16.5	62373
2001 XL ₁₇₄	2009 10 11.6	01 07.72 +04 11.7 19.1	-0.85	- 6.5	1.2/10.7	62333
2005 PD ₁₂	2009 10 11.6	01 07.73 +04 08.3 20.9	-0.98	- 5.0	1.2/10.8	57002
2005 WN ₉	2009 10 11.6	01 07.74 +08 19.0 20.6	-0.85	- 5.3	0.4/12.0	62459
2004 XJ ₅	2009 10 11.6	01 07.77 -20 52.4 19.2	-0.91	+ 0.8	8.4/03.9	62413
2002 AE ₁₆₆	2009 10 11.6	01 07.79 +15 14.2 19.9	-0.51	- 3.0	1.4/14.4	62338
2005 UM ₅₁₁	2009 10 11.6	01 07.79 +10 18.7 20.8	-0.86	- 5.4	1.1/12.7	11147
2002 EX ₁₂₉	2009 10 11.6	01 07.81 -09 46.3 19.9	-0.75	- 7.7	4.9/05.7	62345
2005 UT ₁₅₇	2009 10 11.6	01 07.85 -03 31.6 20.2	-1.08	+ 1.0	4.5/09.1	17611
2000 VM ₃	2009 10 11.6	01 07.85 +31 07.4 18.5	-1.05	+ 3.7	12.0/17.2	62309
2008 KV ₄	2009 10 11.7	01 07.78 +04 42.3 19.1	-0.80	-11.5	1.0/10.8	62539
2000 EX ₅₉	2009 10 11.7	01 07.78 +03 22.5 20.7	-0.88	- 7.4	1.3/10.5	62304
2006 AQ ₃₁	2009 10 11.7	01 07.78 +29 19.7 19.6	-1.04	- 1.1	8.9/18.0	62005
2002 EE ₁₅	2009 10 11.7	01 07.78 +14 02.8 19.5	-0.87	- 4.7	2.6/13.8	62343
2000 AR ₉₂	2009 10 11.7	01 07.78 +48 21.6 20.1	-1.39	- 0.8	13.9/25.3	58399
2001 UY ₁₃₇	2009 10 11.7	01 07.79 +03 29.2 19.7	-0.92	- 4.2	1.4/10.6	62325
2003 EU ₃₉	2009 10 11.7	01 07.80 -13 13.0 20.8	-0.88	- 3.8	6.3/05.3	39184
2005 UD ₅₀₉	2009 10 11.7	01 07.85 +05 24.4 20.2	-0.83	- 4.9	0.6/11.2	62455
2002 CX ₁₇₉	2009 10 11.7	01 07.87 -02 58.8 19.5	-0.79	- 6.0	3.5/08.4	62341
2003 SS ₁₂₂	2009 10 11.7	01 07.88 +16 56.5 19.9	-0.91	- 2.4	2.9/15.0	22741
2007 EW ₁₃₄	2009 10 11.7	01 07.91 +11 43.1 19.8	-1.16	- 0.7	1.8/12.8	62055
2005 EO ₃₁	2009 10 11.7	01 07.92 +01 16.4 20.8	-0.60	- 3.5	1.2/09.8	62417
2005 YS ₁₄₄	2009 10 11.7	01 07.94 -10 45.4 20.1	-0.74	- 4.2	5.0/05.8	59769
2008 OQ ₂₂	2009 10 11.7	01 07.95 -00 40.2 20.7	-0.47	- 3.8	1.4/09.0	62541
2004 FX ₄₄	2009 10 11.7	01 07.96 +08 15.6 19.8	-1.27	+ 1.0	0.4/12.0	66349
2007 ED ₈₀	2009 10 11.7	01 07.97 +15 05.8 20.7	-0.90	- 4.5	2.5/14.2	22881
2001 XH ₈₂	2009 10 11.7	01 07.97 +00 02.4 18.9	-0.92	- 1.8	3.2/09.8	62331
2004 RD ₅₆	2009 10 11.7	01 07.99 +16 51.6 20.2	-0.90	- 4.0	3.0/14.7	62397
2005 YK ₂	2009 10 11.7	01 07.99 -14 30.9 20.5	-0.95	- 1.1	7.3/05.5	61999
2009 RC ₁₅	2009 10 11.7	01 08.00 +05 26.9 20.2	-0.91	- 7.1	0.6/11.2	62181
2005 YU ₂₈₁	2009 10 11.7	01 08.01 -02 22.0 19.7	-0.83	- 4.6	3.2/08.8	98072
2004 XE ₁₉	2009 10 11.7	01 08.01 +22 53.9 19.9	-0.76	- 5.9	4.4/17.1	62414
2002 TP ₇₁	2009 10 11.7	01 08.01 +16 44.7 18.0	-1.09	- 1.6	4.4/14.3	62357
2005 SZ ₅₄	2009 10 11.7	01 08.01 +06 24.7 19.9	-0.94	- 3.8	0.3/11.5	62432

2005 UK ₉₀	2009 10 11.7	01 08.11 +09 02.3 20.4	-0.99	- 2.1	0.6/12.3	61959
2005 UE ₁₈₆	2009 10 11.7	01 08.14 +02 31.8 19.9	-0.88	- 4.1	1.8/10.4	97913
2002 CC ₁₄₈	2009 10 11.7	01 08.14 +05 16.2 19.7	-0.82	- 5.2	0.6/11.2	62341
2007 GY ₂₆	2009 10 11.7	01 08.15 +05 23.5 19.8	-0.70	- 7.2	0.5/11.1	62518
2002 GE ₃₈	2009 10 11.7	01 08.15 -00 45.5 19.3	-0.88	- 1.5	2.3/09.6	16210
2009 RT ₄₇	2009 10 11.7	01 08.18 +09 38.2 19.6	-0.95	- 2.2	0.9/12.5	62195
2008 HC ₅₆	2009 10 11.7	01 08.19 -23 51.3 18.6	-0.86	- 0.2	10.7/02.6	62537
2003 QC ₈₉	2009 10 11.7	01 08.20 +19 51.5 19.1	-0.87	- 2.2	4.3/15.5	62374
2005 WR ₁₅₆	2009 10 11.7	01 08.20 -15 36.5 19.1	-0.91	- 1.1	9.1/05.0	98010
2008 EX ₄₇	2009 10 11.7	01 08.24 +05 03.9 20.5	-0.95	- 4.1	0.8/11.2	62077
2008 FW ₉₄	2009 10 11.7	01 08.24 -00 15.2 19.8	-1.00	- 3.7	2.8/09.7	62531
2003 YH ₆₉	2009 10 11.8	01 08.16 -30 01.6 21.0	-0.99	- 5.1	11.8/28.0	66322
2001 SF ₁₅₂	2009 10 11.8	01 08.17 +12 14.7 18.8	-0.92	- 3.0	2.3/13.3	62319
2007 CX ₄₉	2009 10 11.8	01 08.18 -09 15.2 20.7	-0.78	- 8.1	5.2/06.0	22581
2005 UX ₃₇₂	2009 10 11.8	01 08.20 +16 38.4 20.7	-0.83	- 6.1	2.7/14.9	62453
1995 UN ₂₂	2009 10 11.8	01 08.22 +08 02.3 19.3	-0.92	- 7.5	0.3/12.1	62292
2006 ER ₅₆	2009 10 11.8	01 08.25 +20 38.4 20.1	-0.72	- 2.4	3.1/16.1	02307
2001 SO ₁₁₂	2009 10 11.8	01 08.26 -11 39.2 19.5	-0.92	-20.2	8.0/04.0	37933
2006 BW ₂₁₁	2009 10 11.8	01 08.26 +01 36.5 21.4	-0.75	- 4.9	1.5/10.0	02281
2007 EF ₅₄	2009 10 11.8	01 08.29 +05 33.3 20.1	-0.69	- 7.6	0.5/11.2	62511
2000 YX ₅₀	2009 10 11.8	01 08.30 -01 55.4 20.6	-0.77	- 5.2	2.6/08.8	21302
2004 RB ₄	2009 10 11.8	01 08.31 +12 25.3 18.8	-1.03	+ 0.4	2.1/13.1	62396
2007 CP ₅₄	2009 10 11.8	01 08.31 +08 55.8 20.7	-0.83	- 6.0	0.5/12.4	62504
2004 VW ₈₀	2009 10 11.8	01 08.38 -01 47.2 19.6	-0.83	- 2.1	2.7/09.2	20812
2005 WB ₈₅	2009 10 11.8	01 08.39 -00 12.9 20.2	-0.99	- 0.9	3.3/09.9	62462
2002 WP ₂₁	2009 10 11.8	01 08.39 +03 47.2 19.7	-0.93	- 6.9	1.4/10.7	62363
2005 SU ₂₄₇	2009 10 11.8	01 08.40 +07 53.5 20.0	-0.87	- 5.8	0.2/12.1	62437
2007 EF ₁₂₀	2009 10 11.8	01 08.40 -01 10.0 20.4	-0.81	- 2.4	2.5/09.4	26259
2005 WV ₁₃₁	2009 10 11.8	01 08.43 +03 44.2 20.3	-0.87	- 4.4	1.4/10.8	61993
2007 ED ₈₂	2009 10 11.8	01 08.45 +11 02.9 19.5	-1.47	+ 4.6	1.7/12.5	62053
2005 YD ₂₂₄	2009 10 11.8	01 08.46 +08 03.1 20.2	-0.84	- 4.4	0.3/12.1	62473
2006 DD ₁₄	2009 10 11.8	01 08.47 +07 33.0 19.2	-0.87	- 1.8	0.1/12.0	62480
2006 BP ₁₂₁	2009 10 11.8	01 08.47 -06 45.7 19.8	-0.73	- 5.5	4.3/07.1	62477
2007 AO ₃₀	2009 10 11.8	01 08.49 +14 00.2 19.5	-0.88	- 8.5	2.5/14.2	62499
2005 YA ₁₁₃	2009 10 11.9	01 08.52 +02 05.6 19.6	-0.81	- 4.9	1.8/10.3	19679
2009 RX ₄₇	2009 10 11.9	01 08.53 +08 45.0 19.5	-0.96	- 3.1	0.5/12.3	62195
2006 WT ₉₈	2009 10 11.9	01 08.56 +06 25.4 19.6	-0.87	- 6.6	0.4/11.6	62026
2000 SP ₇₀	2009 10 11.9	01 08.57 +05 56.1 18.2	-0.92	- 1.1	0.6/11.5	62307
2001 UC ₅₁	2009 10 11.9	01 08.61 -35 17.0 19.8	-1.43	+ 3.3	15.3/28.1	20749
2004 VF ₇₃	2009 10 11.9	01 08.62 +04 52.6 19.9	-0.72	- 7.8	0.6/11.1	62412
2007 AD ₈₂	2009 10 11.9	01 08.64 +06 21.5 20.6	-0.92	- 6.5	0.3/11.6	62499
2003 SQ ₁₂₁	2009 10 11.9	01 08.65 +12 59.2 19.0	-0.77	- 4.7	1.9/13.8	62376
2007 BW ₆₂	2009 10 11.9	01 08.69 +15 47.7 20.0	-0.98	- 4.7	3.8/14.5	18191
2002 CN ₁₈₂	2009 10 11.9	01 08.70 +14 10.6 20.0	-0.89	- 4.4	2.4/14.0	61844
2006 AM ₁₄	2009 10 11.9	01 08.71 +21 30.3 21.0	-0.81	- 3.9	3.9/16.5	98075
2007 EL ₁₃₂	2009 10 11.9	01 08.71 +00 46.3 21.2	-0.78	- 8.3	2.0/09.7	62513
2007 BD ₄	2009 10 11.9	01 08.71 +00 07.6 20.6	-0.90	- 6.3	2.5/09.7	62500
2005 VA ₅	2009 10 11.9	01 08.71 +10 44.6 19.1	-0.82	- 9.1	1.2/13.1	62456
2003 SD ₃₃₇	2009 10 11.9	01 08.73 +10 49.8 20.2	-0.78	- 3.5	1.1/13.0	61881
2006 UY ₈₆	2009 10 11.9	01 08.73 +06 12.4 19.1	-1.04	- 3.9	0.5/11.6	62018
2008 FB ₇	2009 10 11.9	01 08.73 +00 42.8 20.4	-0.80	- 8.3	2.0/09.7	62083

2006 AS ₁₄	2009 10 11.9	01 08.74 -09 13.4 20.6	-0.75	- 5.2	4.9/06.4	98075
2006 BW ₇₃	2009 10 11.9	01 08.76 +06 25.4 20.1	-0.81	- 3.3	0.3/11.7	62009
2002 VJ ₂₄	2009 10 11.9	01 08.77 -01 02.7 19.1	-1.03	- 3.1	3.7/09.6	62361
2007 BK ₄₂	2009 10 11.9	01 08.79 +05 06.8 20.7	-0.91	- 6.4	0.8/11.3	19695
2007 FA ₁₉	2009 10 11.9	01 08.84 -00 22.8 23.2	-0.69	- 5.9	1.8/09.4	17857
2008 JK ₁₆	2009 10 11.9	01 08.84 -06 23.4 19.4	-0.98	- 3.7	6.0/07.9	62538
2008 RY ₄₈	2009 10 11.9	01 08.90 +04 39.9 20.8	-0.47	- 4.8	0.5/11.0	62099
2002 CB ₂₉₇	2009 10 11.9	01 08.91 +11 49.7 19.6	-0.89	- 3.3	1.5/13.3	62342
2001 FB ₂₄	2009 10 11.9	01 08.93 -01 30.7 20.8	-0.93	- 7.7	3.0/09.2	62313
2005 YU ₄₄	2009 10 11.9	01 08.93 +05 45.4 20.3	-0.79	- 5.6	0.5/11.5	62469
2005 OJ ₂₈	2009 10 11.9	01 08.95 +14 56.7 20.6	-1.02	- 4.5	2.9/14.3	61924
2004 QG ₂₈	2009 10 12.0	01 08.91 +07 29.8 20.2	-0.79	- 7.1	0.1/12.1	61894
2004 FD ₁₅	2009 10 12.0	01 08.95 +08 44.8 19.3	-1.01	- 4.0	0.5/12.4	62388
2007 DU ₁₂	2009 10 12.0	01 08.96 +11 17.2 21.2	-0.80	- 5.7	1.1/13.3	62505
2000 EN ₁₅	2009 10 12.0	01 08.96 -33 25.1 19.0	-0.85	-11.0	18.4/25.0	35762
2002 TM ₂₅₅	2009 10 12.0	01 08.97 +11 46.0 17.9	-0.81	- 9.5	2.0/13.6	62359
2005 UT ₁₆₃	2009 10 12.0	01 09.02 +12 54.1 19.8	-0.85	- 8.7	2.3/14.0	61966
2005 WK ₆₅	2009 10 12.0	01 09.03 +12 43.4 20.6	-0.86	- 9.2	1.9/13.9	62461
2009 RN ₁₄	2009 10 12.0	01 09.04 +04 31.0 19.9	-0.65	- 9.9	0.9/11.0	62181
2003 PM ₂	2009 10 12.0	01 09.06 +21 58.9 19.6	-0.86	- 3.6	4.5/16.7	62373
2003 EZ ₄₆	2009 10 12.0	01 09.07 +15 02.8 19.4	-0.81	- 9.4	2.5/14.8	59695
2004 GW ₂₇	2009 10 12.0	01 09.10 -12 41.3 19.7	-0.83	- 6.8	7.1/05.3	62390
2002 AO ₁₄₉	2009 10 12.0	01 09.12 +09 58.0 19.5	-0.89	- 4.9	1.0/12.9	62338
2009 SU ₁₂₇	2009 10 12.0	01 09.13 +13 30.0 19.4	-1.11	- 3.2	2.9/13.8	62220
2007 CW ₄₆	2009 10 12.0	01 09.16 +11 03.6 21.3	-0.82	- 4.9	1.0/13.2	41861
2006 BF ₁₄₇	2009 10 12.0	01 09.19 +06 11.5 21.0	-0.78	- 4.6	0.3/11.7	62010
2005 SO ₉₁	2009 10 12.0	01 09.19 +08 18.6 20.0	-0.83	- 8.1	0.3/12.4	61936
2008 GM ₄₇	2009 10 12.0	01 09.23 +02 43.3 20.8	-0.92	- 7.5	1.7/10.6	62533
2007 AB ₇	2009 10 12.0	01 09.23 -05 42.9 19.8	-0.90	- 5.6	4.6/08.0	40173
2001 UM ₁₅₀	2009 10 12.0	01 09.24 +00 34.3 18.6	-0.91	- 2.0	3.1/10.2	62325
2006 AA ₁₀₂	2009 10 12.0	01 09.24 -00 14.1 19.3	-0.72	- 5.9	2.7/09.5	62475
2005 TL ₇₃	2009 10 12.0	01 09.25 -08 24.3 18.5	-0.80	- 3.3	7.4/07.2	62440
2001 XR ₁₁₄	2009 10 12.0	01 09.28 +09 15.8 19.0	-0.94	- 3.7	0.7/12.6	62332
2008 RD ₅₆	2009 10 12.0	01 09.29 +12 01.2 20.6	-0.51	- 3.5	0.9/13.7	62100
2008 GR ₆₈	2009 10 12.0	01 09.29 +12 28.4 18.7	-0.73	-16.2	1.8/14.2	62534
2005 TM ₁₆₀	2009 10 12.0	01 09.30 +12 45.5 19.6	-0.68	- 7.7	2.6/14.0	62442
2008 CQ ₁₈₀	2009 10 12.0	01 09.37 +44 39.8 20.0	-1.61	+ 0.3	17.2/23.9	39287
2005 PF	2009 10 12.1	01 09.28 -30 08.5 17.4	-0.10	+14.1	25.0/04.1	62425
2008 GJ ₄₆	2009 10 12.1	01 09.30 -01 39.5 21.6	-0.87	- 5.2	2.9/09.3	40210
2003 BU ₄	2009 10 12.1	01 09.33 +05 36.7 20.0	-0.84	- 8.0	0.6/11.5	62366
2004 QD ₂₇	2009 10 12.1	01 09.34 +08 49.9 20.4	-0.80	- 6.2	0.5/12.6	62396
2008 JM ₂₇	2009 10 12.1	01 09.35 +03 32.4 20.5	-0.85	- 7.5	1.3/10.9	62539
2004 GB ₁₆	2009 10 12.1	01 09.36 -02 07.1 20.4	-0.99	- 3.2	3.4/09.5	37346
2003 SL ₃₆₆	2009 10 12.1	01 09.36 +03 46.0 21.0	-0.68	- 7.3	1.0/10.9	61882
2009 QY ₉	2009 10 12.1	01 09.36 +11 53.0 18.4	-0.87	- 3.5	2.2/13.5	62141
2001 YV ₆₈	2009 10 12.1	01 09.39 +26 33.5 19.3	-0.94	- 4.5	8.0/18.5	62327
2003 KR ₂₈	2009 10 12.1	01 09.40 -03 47.8 21.2	-0.79	- 6.5	3.7/08.5	41117
2007 EG ₁₀₁	2009 10 12.1	01 09.42 +06 34.4 20.4	-1.00	- 1.9	0.3/11.9	20855
2000 AZ ₂₁₈	2009 10 12.1	01 09.43 +00 12.5 20.5	-0.75	- 4.4	2.0/09.9	62301
2007 CN ₂₂	2009 10 12.1	01 09.44 +01 40.6 20.9	-0.92	- 5.9	2.0/10.4	62503
2007 DC ₁₉	2009 10 12.1	01 09.44 +03 02.1 19.3	-0.83	- 6.0	1.7/10.8	62505

2004 PB ₄₈	2009 10 12.1	01 09.47 +12 07.5 19.5	-0.84 - 6.1	1.8/13.7	62395
2004 FU ₇₆	2009 10 12.1	01 09.48 +12 17.5 19.6	-1.06 - 2.8	2.0/13.5	62389
2002 TB ₃₃₉	2009 10 12.1	01 09.49 +00 36.6 20.2	-0.99 - 4.6	2.9/10.2	41106
2005 YZ ₇₀	2009 10 12.1	01 09.49 +03 47.4 20.5	-0.78 - 4.7	1.1/11.0	62469
2004 DT ₂	2009 10 12.1	01 09.49 +04 10.4 21.1	-0.98 - 5.3	1.1/11.2	12868
2007 AB ₁	2009 10 12.1	01 09.49 -05 52.5 19.8	-0.91 - 6.2	5.9/07.8	16378
2002 CG ₁₃₉	2009 10 12.1	01 09.50 +32 57.6 20.9	-1.01 - 2.1	6.8/20.5	40673
2008 LE ₁	2009 10 12.1	01 09.52 +06 23.0 20.6	-0.79 -11.2	0.4/11.8	62098
2009 SQ ₁₂₇	2009 10 12.1	01 09.52 +11 51.6 19.4	-0.99 - 7.3	1.8/13.6	62220
1997 WW	2009 10 12.1	01 09.56 -07 16.1 19.2	-0.91 + 3.3	6.3/08.8	62293
2007 JP ₈	2009 10 12.1	01 09.61 +18 37.2 20.4	-0.73 - 8.3	3.3/16.2	21880
2004 TF ₃₁₀	2009 10 12.1	01 09.63 +23 03.1 19.1	-0.89 - 3.4	5.4/17.1	62409
2009 RS ₇	2009 10 12.1	01 09.63 +19 48.1 19.1	-1.12 + 0.9	5.1/15.3	62176
2007 EB ₉₈	2009 10 12.1	01 09.64 +01 17.9 21.0	-0.82 - 6.6	2.1/10.2	62512
2004 FC ₆₆	2009 10 12.1	01 09.65 -07 29.1 19.6	-0.99 - 1.7	4.9/08.2	40122
2005 UR ₃₈₁	2009 10 12.1	01 09.65 -05 23.6 20.1	-0.95 - 1.8	4.1/08.6	62453
2008 LY ₃	2009 10 12.1	01 09.65 -02 50.7 21.7	-0.88 - 7.7	3.4/08.8	41692
2004 TJ ₅₄	2009 10 12.1	01 09.67 +10 39.0 19.6	-0.74 - 6.9	1.0/13.3	62404
2006 XC ₆₉	2009 10 12.1	01 09.68 -04 34.6 19.9	-1.01 - 2.5	4.3/08.9	20504
2005 YJ ₈₃	2009 10 12.1	01 09.69 +03 44.9 20.0	-0.77 - 5.4	1.2/11.0	62470
2004 TK ₅₄	2009 10 12.2	01 09.65 +11 11.1 19.5	-0.71 - 8.8	1.3/13.6	61902
2001 RG ₉₈	2009 10 12.2	01 09.69 +03 48.9 19.8	-0.75 -12.6	1.4/10.9	62317
2005 MB ₃₀	2009 10 12.2	01 09.74 +15 17.5 20.6	-0.96 - 7.1	3.0/15.0	39215
2008 FF ₁₀₂	2009 10 12.2	01 09.75 -04 47.8 21.2	-0.97 - 4.2	4.6/08.7	40206
2006 AM ₄₂	2009 10 12.2	01 09.79 +00 00.7 22.3	-0.70 - 4.9	1.8/09.8	02269
2005 UR ₄₅₉	2009 10 12.2	01 09.80 +07 16.9 20.4	-0.87 - 4.6	0.0/12.2	19666
2002 GJ ₅₃	2009 10 12.2	01 09.80 +08 05.4 21.2	-0.74 - 6.1	0.2/12.5	20765
2003 FD ₄₆	2009 10 12.2	01 09.83 +07 42.2 20.1	-0.96 - 2.1	0.1/12.3	62370
2003 DB ₂₁	2009 10 12.2	01 09.84 +14 43.6 20.6	-0.96 - 3.0	2.4/14.4	61876
2006 BS ₆₇	2009 10 12.2	01 09.86 +25 01.9 19.0	-0.92 - 2.3	6.2/17.7	62477
2003 EE ₂₀	2009 10 12.2	01 09.87 -01 35.7 19.8	-0.78 - 8.6	2.8/09.1	62369
1998 SF ₁₄₆	2009 10 12.2	01 09.89 +05 48.3 17.9	-1.00 + 1.4	0.6/11.9	61829
2005 UZ ₅₂	2009 10 12.2	01 09.91 -01 01.3 20.2	-0.89 - 5.3	3.1/09.6	62444
2007 CF ₄₇	2009 10 12.2	01 09.92 +21 25.0 21.4	-0.92 - 3.3	4.0/16.5	19698
2005 YH ₁₅	2009 10 12.2	01 09.94 +03 29.2 21.1	-0.78 - 4.7	1.2/11.0	20829
2004 TX ₃₂₆	2009 10 12.2	01 09.97 +22 36.8 19.7	-0.78 - 7.0	4.7/17.6	00832
2007 DW ₅	2009 10 12.2	01 10.04 +01 20.1 20.7	-0.96 - 5.0	2.2/10.5	62505
2005 UE ₆	2009 10 12.2	01 10.05 +36 26.1 18.9	-0.90 - 8.2	9.8/23.7	96067
2007 DE ₅₅	2009 10 12.2	01 10.05 +02 18.8 20.0	-0.93 - 6.7	2.1/10.7	19705
2007 EQ ₃₆	2009 10 12.2	01 10.07 -00 05.3 21.0	-0.80 - 2.4	1.9/10.1	59790
2009 RH ₁₇	2009 10 12.3	01 10.02 +05 48.4 19.4	-0.77 - 4.3	0.6/11.8	62183
2005 UU ₂₅₁	2009 10 12.3	01 10.02 +14 40.9 18.6	-0.74 - 4.1	3.7/14.7	62450
2005 YR ₆₈	2009 10 12.3	01 10.04 +08 16.2 20.4	-0.83 - 4.5	0.3/12.6	62469
2005 WT ₁₀₅	2009 10 12.3	01 10.06 -03 30.7 19.4	-0.74 - 9.7	3.8/08.4	40157
2007 GE ₄	2009 10 12.3	01 10.08 -20 45.9 20.4	-0.79 - 1.9	7.1/03.4	41870
2002 GC ₉₁	2009 10 12.3	01 10.09 +09 35.0 19.6	-0.71 - 8.0	0.6/13.1	62346
2001 UV ₁₇₀	2009 10 12.3	01 10.09 +12 55.4 18.2	-0.72 - 8.4	2.6/14.3	62325
2003 UK ₁₉₃	2009 10 12.3	01 10.12 +05 49.6 19.4	-0.78 - 3.1	0.5/11.8	62379
2004 TY ₂₉₆	2009 10 12.3	01 10.15 -00 41.7 18.6	-0.81 - 2.6	3.3/09.9	74418
2007 EV ₂₅	2009 10 12.3	01 10.15 +08 21.0 20.2	-0.86 - 1.5	0.2/12.6	62510
2002 JT ₂₈	2009 10 12.3	01 10.16 -03 28.7 19.4	-0.83 - 2.2	3.3/09.2	20766

2003 SD ₁₉₁	2009 10 12.3	01 10.16 +27 20.1 19.0	-0.89 - 1.5	7.0/18.4	62376
2001 UZ ₁₈₁	2009 10 12.3	01 10.17 +04 27.8 18.1	-0.61 -35.1	1.3/10.9	61841
2001 UH ₁₇₁	2009 10 12.3	01 10.19 +10 08.8 18.6	-0.91 - 1.5	1.3/13.1	62325
2005 UK ₁₁₄	2009 10 12.3	01 10.22 -10 10.2 19.0	-0.78 - 4.0	8.1/06.6	61962
2002 TU ₃₁	2009 10 12.3	01 10.22 +05 12.0 18.3	-0.82 - 9.6	1.0/11.6	62357
2002 AO ₇₉	2009 10 12.3	01 10.23 -02 25.1 19.7	-0.84 - 4.4	3.2/09.3	62337
2003 DY ₉	2009 10 12.3	01 10.24 +15 34.9 19.4	-1.49 + 4.0	3.5/13.8	61875
2006 XX ₅₉	2009 10 12.3	01 10.24 -05 16.4 20.4	-0.97 - 4.3	4.9/08.6	14821
2001 TA ₂₁₇	2009 10 12.3	01 10.25 +21 33.2 19.2	-1.13 - 0.3	5.5/16.0	62323
2004 CK ₂₇	2009 10 12.3	01 10.25 +01 51.4 21.0	-0.97 - 6.1	2.0/10.6	18066
2007 AC ₁₄	2009 10 12.3	01 10.26 +10 24.7 21.5	-0.95 - 6.1	1.0/13.3	18186
1998 FT	2009 10 12.3	01 10.26 +04 18.0 19.8	-1.05 - 3.7	1.4/11.5	62294
2007 EW ₂₀	2009 10 12.3	01 10.27 +19 42.7 19.0	-1.24 + 4.4	5.7/14.8	62510
2005 SX ₅₁	2009 10 12.3	01 10.32 +07 43.9 19.6	-0.83 - 8.9	0.1/12.5	62432
2005 UM ₂₄₁	2009 10 12.3	01 10.33 +09 23.9 18.7	-0.91 - 3.5	0.8/12.9	61971
2007 EV ₁₁₁	2009 10 12.3	01 10.34 +01 26.8 20.2	-0.69 - 7.3	1.7/10.3	62513
2000 GL ₄₈	2009 10 12.3	01 10.34 +07 25.9 21.0	-0.91 - 5.9	0.0/12.4	21756
2006 AT ₅₈	2009 10 12.3	01 10.35 +08 27.0 19.9	-0.82 - 4.4	0.4/12.7	62475
2005 YK ₂₀₅	2009 10 12.3	01 10.37 -08 35.3 20.1	-0.73 - 4.7	4.5/07.1	62472
2005 XB ₅₂	2009 10 12.3	01 10.38 -06 53.9 20.3	-0.91 - 3.1	5.0/08.1	19257
2004 GD ₄₂	2009 10 12.3	01 10.41 -04 17.6 19.8	-0.94 - 4.7	4.2/08.9	86465
2005 VU ₄₀	2009 10 12.3	01 10.42 +02 55.9 20.5	-0.82 - 5.5	1.4/11.0	62457
2005 XB ₁₁₅	2009 10 12.4	01 10.38 +14 28.2 19.3	-0.87 - 5.2	2.7/14.6	62467
2008 DP ₃₄	2009 10 12.4	01 10.42 +35 41.9 21.4	-1.37 - 1.5	9.5/20.9	58597
2004 CO ₄₇	2009 10 12.4	01 10.42 -06 00.2 20.1	-0.94 - 5.1	4.6/08.4	60796
2004 CF ₉₆	2009 10 12.4	01 10.42 +14 13.8 20.6	-1.00 - 5.3	2.4/14.4	61886
1998 QT ₉₉	2009 10 12.4	01 10.45 -01 09.2 18.9	-0.92 - 6.0	3.8/09.8	62294
2007 EL ₁₄₀	2009 10 12.4	01 10.46 +10 48.5 20.3	-0.93 - 6.0	1.2/13.5	62514
2005 QX ₉₅	2009 10 12.4	01 10.48 +06 14.4 20.2	-0.97 - 5.0	0.5/12.1	62428
2005 UG ₂₈₆	2009 10 12.4	01 10.48 +05 27.8 19.3	-0.79 -10.1	0.8/11.7	62451
2003 CD ₇	2009 10 12.4	01 10.50 -08 39.4 20.3	-0.85 - 5.9	5.3/07.1	19591
2002 UE ₇₀	2009 10 12.4	01 10.50 -01 42.2 19.8	-0.97 - 4.1	4.1/09.7	16227
2008 QX ₂₈	2009 10 12.4	01 10.52 +22 04.5 20.1	-0.55 - 2.2	2.6/17.4	51071
2005 UY ₁₇₃	2009 10 12.4	01 10.59 +06 11.1 19.4	-0.93 - 3.3	0.6/12.1	62448
2008 GD ₃₄	2009 10 12.4	01 10.61 +07 02.0 20.6	-0.94 - 6.3	0.2/12.3	41595
2000 DA ₁₁₅	2009 10 12.4	01 10.63 +09 50.4 20.6	-0.94 - 5.5	0.8/13.2	62303
2006 WU ₁₆₃	2009 10 12.4	01 10.65 -05 27.6 20.3	-1.05 - 3.8	5.3/08.8	40170
2006 CC ₁₀	2009 10 12.4	01 10.66 +02 01.4 21.2	-0.73 - 8.6	1.6/10.5	21356
2008 FJ ₂₀	2009 10 12.4	01 10.73 +07 05.2 19.8	-0.91 - 9.6	0.2/12.3	62529
2003 QM ₂₅	2009 10 12.4	01 10.73 +21 31.8 19.8	-0.83 - 3.7	4.3/17.0	00472
2004 VO ₆₀	2009 10 12.4	01 10.78 -03 38.2 19.6	-0.78 - 2.7	3.1/09.1	62412
2004 VY ₁₀₉	2009 10 12.4	01 10.78 +03 53.6 19.8	-0.83 - 3.2	1.2/11.4	97772
1999 VR ₁₂₄	2009 10 12.4	01 10.80 -09 10.5 21.3	-0.87 - 1.4	5.1/07.7	20731
2004 EM ₇₃	2009 10 12.4	01 10.80 +06 22.8 20.5	-0.92 - 6.3	0.4/12.1	62387
2002 PO ₁₅₂	2009 10 12.4	01 10.81 -01 04.3 20.8	-1.01 - 6.8	3.3/09.9	62351
2008 EK ₇₇	2009 10 12.4	01 10.82 +04 16.6 18.8	-1.10 - 1.4	1.5/11.7	62527
2005 GP ₈₄	2009 10 12.4	01 10.83 +10 19.6 19.8	-1.04 - 6.2	1.2/13.3	62418
2002 CT ₅	2009 10 12.5	01 10.73 -12 44.3 20.6	-0.78 - 6.3	6.1/05.5	20759
2007 DM ₈₅	2009 10 12.5	01 10.73 +17 05.8 20.1	-1.01 - 1.9	3.1/15.1	62047
2007 DZ ₈₇	2009 10 12.5	01 10.74 +08 47.3 20.0	-0.88 - 3.9	0.4/12.9	62508
2003 FD ₇₇	2009 10 12.5	01 10.75 +09 24.9 20.4	-0.78 - 8.3	0.5/13.2	61876

2002 EP ₁₂₅	2009 10 12.5	01 10.76 +22 47.2 19.2	-0.90 - 3.5	4.7/17.3	62344
2005 XJ ₆₁	2009 10 12.5	01 10.78 +11 41.0 20.8	-0.86 - 4.6	1.5/13.8	62466
2007 CJ ₄₇	2009 10 12.5	01 10.79 +17 39.2 20.2	-0.87 - 4.2	2.8/15.7	62503
2008 HY ₁₀	2009 10 12.5	01 10.80 +05 53.0 20.9	-0.97 - 5.2	0.6/12.0	62536
2008 CF ₁₉₅	2009 10 12.5	01 10.83 +08 20.2 20.6	-1.13 - 3.8	0.3/12.7	62524
2002 PL ₁₁	2009 10 12.5	01 10.87 +18 56.0 18.8	-1.01 - 5.4	5.2/16.0	62350
2007 BW ₇₅	2009 10 12.5	01 10.88 +08 05.2 21.1	-0.94 - 6.0	0.2/12.7	24146
2006 BK ₆₆	2009 10 12.5	01 10.90 +10 06.1 19.7	-0.85 - 3.9	1.0/13.3	62008
1995 FK ₁₅	2009 10 12.5	01 10.90 +01 25.4 20.7	-0.99 - 6.8	2.3/10.7	45814
2009 RS ₄₇	2009 10 12.5	01 10.95 +08 14.4 18.8	-0.83 - 6.3	0.3/12.8	62194
2001 WA ₁₆	2009 10 12.5	01 10.95 -24 34.9 20.2	-1.33 + 1.8	11.1/03.6	97510
2007 CY ₁₇	2009 10 12.5	01 10.97 +04 46.8 20.2	-0.97 - 4.8	1.1/11.7	62502
2005 VG ₆	2009 10 12.5	01 10.98 +02 27.0 18.9	-0.91 - 2.8	1.8/11.1	62456
2005 UL ₁₆₁	2009 10 12.5	01 10.98 +16 38.9 19.5	-0.78 -12.3	3.7/16.1	62448
2006 CS ₂₁	2009 10 12.5	01 10.98 +08 15.4 20.1	-0.76 - 3.4	0.2/12.8	62480
2005 WH ₁₅₀	2009 10 12.5	01 11.03 +09 01.2 18.8	-0.96 - 2.5	0.6/13.0	62464
2004 TW ₂₇	2009 10 12.5	01 11.06 +10 15.3 19.5	-1.04 + 0.9	1.0/13.2	61901
2007 BK ₉₂	2009 10 12.5	01 11.08 +02 05.2 20.2	-0.88 - 5.3	2.2/10.9	55301
2002 SC ₂₂	2009 10 12.5	01 11.11 +08 39.5 19.9	-1.07 - 4.3	0.4/12.9	62356
2005 UB ₃₃₄	2009 10 12.5	01 11.14 +05 15.4 19.4	-0.83 - 6.0	0.9/11.9	62452
2005 UX ₁₂₄	2009 10 12.5	01 11.18 +11 27.1 19.2	-0.81 - 6.4	1.7/13.9	62446
2006 YD ₃₇	2009 10 12.5	01 11.19 +08 34.2 20.8	-0.95 - 4.8	0.3/12.9	62498
2007 CV ₃	2009 10 12.5	01 11.20 +03 30.1 20.9	-1.00 - 4.8	1.6/11.4	62038
2003 BQ ₈₇	2009 10 12.6	01 11.10 +15 22.0 19.7	-0.94 - 4.5	2.6/15.0	62368
2006 BE ₁₅₉	2009 10 12.6	01 11.12 -05 57.4 20.3	-0.70 - 6.3	3.8/07.9	59771
2005 YA ₅₀	2009 10 12.6	01 11.15 +09 44.3 20.6	-0.82 - 6.2	0.8/13.3	62469
2000 FS ₂₄	2009 10 12.6	01 11.17 -10 11.3 20.0	-0.98 - 4.3	6.2/07.2	14598
2002 TF ₄₄	2009 10 12.6	01 11.18 +04 08.7 18.5	-0.92 - 2.9	1.7/11.6	62357
2005 UE ₄₄₂	2009 10 12.6	01 11.19 +24 52.8 17.7	-0.83 - 8.6	7.1/18.8	62454
2004 PO ₅₃	2009 10 12.6	01 11.20 +25 03.6 19.4	-1.05 - 1.9	5.8/17.6	62395
2002 GR ₁₁₆	2009 10 12.6	01 11.25 -00 59.6 19.2	-0.71 - 7.7	2.7/09.7	62346
2006 DO ₄₄	2009 10 12.6	01 11.26 +07 11.7 20.5	-0.76 - 4.3	0.1/12.5	62481
2001 YW ₆₈	2009 10 12.6	01 11.27 +08 26.5 19.3	-0.91 - 4.6	0.3/12.9	62335
2001 BY ₁₂	2009 10 12.6	01 11.27 -14 35.4 20.4	-0.79 - 3.1	5.8/05.5	21302
2001 XL ₉₅	2009 10 12.6	01 11.27 +13 17.9 19.1	-0.85 - 5.8	2.5/14.5	62332
2009 SB ₁₂₅	2009 10 12.6	01 11.31 +12 08.5 20.1	-0.91 - 8.9	1.7/14.2	62219
2008 HK ₁₇	2009 10 12.6	01 11.32 +13 23.2 19.0	-0.85 -10.0	2.5/15.0	62536
2004 TN ₂₃	2009 10 12.6	01 11.33 +15 00.5 19.9	-1.04 + 0.4	3.0/14.5	62403
2009 RS ₃₁	2009 10 12.6	01 11.34 +11 06.3 20.1	-0.55 - 2.1	0.7/13.8	62189
2001 XU ₁₁₁	2009 10 12.6	01 11.35 +04 27.6 20.4	-0.80 - 6.6	0.9/11.6	62332
2002 LA ₅₄	2009 10 12.6	01 11.39 +12 10.4 18.8	-0.68 - 9.2	1.4/14.4	62349
2003 BF ₃₀	2009 10 12.6	01 11.42 +02 10.6 20.0	-0.91 - 6.1	2.0/11.0	62367
2005 PA ₁₃	2009 10 12.6	01 11.43 +21 08.8 19.6	-1.15 - 1.6	5.7/16.4	62425
2000 EU ₄	2009 10 12.6	01 11.44 +20 52.9 20.7	-0.83 - 2.6	3.7/16.7	93806
2003 GP ₂₈	2009 10 12.6	01 11.45 -02 07.4 20.9	-0.99 - 0.6	3.2/10.2	39186
2005 GE ₅₈	2009 10 12.6	01 11.46 +03 38.0 19.9	-1.12 - 3.1	1.7/11.6	62418
2005 YY ₂₃₆	2009 10 12.6	01 11.51 +07 27.9 21.6	-0.75 - 5.1	0.0/12.7	20833
2006 BZ ₁₃	2009 10 12.6	01 11.52 +08 52.1 20.9	-0.78 - 4.7	0.4/13.1	62476
2004 WA ₃	2009 10 12.6	01 11.53 -07 25.9 19.5	-0.79 - 2.6	4.4/08.2	19646
2006 AD ₃₁	2009 10 12.6	01 11.54 +07 20.6 21.0	-0.81 - 4.6	0.1/12.6	20834
2006 AM ₃₃	2009 10 12.7	01 11.48 +30 36.5 21.0	-0.88 - 2.5	5.5/20.1	47373

2008 EC ₁₂₇	2009 10 12.7	01 11.49 +06 29.1 20.0	-0.91 - 6.7	0.4/12.4	62528
2007 EK ₁₀₆	2009 10 12.7	01 11.51 +01 25.8 19.6	-0.82 - 3.3	2.0/10.9	62513
2004 TJ ₂₇₅	2009 10 12.7	01 11.56 +07 30.2 19.8	-0.78 - 4.9	0.0/12.7	62409
2008 EQ ₄₄	2009 10 12.7	01 11.56 +06 53.6 20.6	-1.03 - 4.6	0.3/12.5	62527
2008 GN ₇₉	2009 10 12.7	01 11.57 +07 54.0 20.8	-0.93 - 8.2	0.1/12.8	40584
2006 CG ₃₁	2009 10 12.7	01 11.57 +13 36.5 20.3	-0.75 - 4.7	1.7/14.7	62480
2005 XE ₃₈	2009 10 12.7	01 11.58 +05 35.5 20.4	-0.84 - 4.3	0.7/12.1	62466
2009 RV ₁₅	2009 10 12.7	01 11.60 +08 17.5 20.0	-0.95 - 1.5	0.3/12.9	62182
2004 DZ ₁	2009 10 12.7	01 11.61 +08 40.7 20.2	-1.01 - 5.0	0.4/13.0	61886
2003 SS ₁₂₃	2009 10 12.7	01 11.61 +15 46.9 20.2	-0.87 - 2.0	2.2/15.1	62376
2005 QF ₆₂	2009 10 12.7	01 11.62 +14 03.4 20.0	-1.03 - 3.8	2.4/14.6	62427
2000 AB ₁₁₁	2009 10 12.7	01 11.62 +19 35.1 19.7	-0.78 - 4.9	3.5/16.7	62301
2007 GL ₆₄	2009 10 12.7	01 11.64 +12 33.5 19.8	-0.70 - 6.6	1.4/14.5	62064
2007 EC ₅₄	2009 10 12.7	01 11.66 +04 44.5 19.4	-0.85 - 2.0	0.8/11.9	62511
2008 KD ₂₅	2009 10 12.7	01 11.70 +13 59.4 21.4	-0.83 - 9.3	2.0/15.0	51070
2009 RL ₁₅	2009 10 12.7	01 11.71 +04 20.5 19.9	-0.85 - 8.5	1.3/11.7	62181
2007 AU ₃₀	2009 10 12.7	01 11.75 -09 25.7 20.6	-0.93 - 5.3	7.1/07.3	59516
2004 GO ₃₁	2009 10 12.7	01 11.75 +04 57.0 20.6	-0.93 - 6.5	0.9/11.9	62390
2004 RM ₃₂₈	2009 10 12.7	01 11.76 +18 39.2 19.6	-0.94 - 1.8	3.7/15.9	62401
2000 WT ₅₃	2009 10 12.7	01 11.76 +02 45.8 19.8	-0.84 - 4.1	1.7/11.3	62310
2007 HQ ₈₀	2009 10 12.7	01 11.76 +06 23.2 21.2	-0.90 - 4.1	0.4/12.4	26284
2004 OZ ₂	2009 10 12.7	01 11.78 +10 00.7 19.0	-0.81 - 6.7	0.9/13.6	62394
2004 XX	2009 10 12.7	01 11.78 +25 04.1 18.7	-0.79 - 5.6	6.6/18.8	61913
2008 EY ₁₄	2009 10 12.7	01 11.78 +07 47.9 19.3	-1.01 - 4.7	0.1/12.8	62526
2003 AB ₄₀	2009 10 12.7	01 11.81 +14 31.6 19.6	-0.92 - 6.8	2.6/15.0	62365
2001 UV ₁₈₇	2009 10 12.7	01 11.82 -00 36.7 19.7	-1.07 0.0	3.1/10.8	94244
2005 UQ ₂₄₄	2009 10 12.7	01 11.83 +05 48.9 19.1	-0.98 - 1.1	0.8/12.3	62450
2005 TZ ₄₅	2009 10 12.7	01 11.83 -01 39.3 18.5	-0.70 - 5.6	4.5/09.7	62439
2008 RU ₁₂₂	2009 10 12.7	01 11.84 +13 12.5 20.0	-0.50 - 3.0	1.0/14.7	62101
2007 EO ₃₇	2009 10 12.7	01 11.86 +02 53.9 20.0	-0.77 - 8.4	1.5/11.2	62510
2007 EZ ₂₀₃	2009 10 12.8	01 11.85 -04 54.2 20.6	-0.73 -12.8	4.2/08.0	26263
2006 BN ₂₇₉	2009 10 12.8	01 11.88 -03 59.4 20.3	-0.68 - 5.7	3.1/08.9	60452
2005 EC ₂₅₃	2009 10 12.8	01 11.90 -08 05.9 19.9	-1.06 - 3.7	6.2/08.5	34821
2005 SG ₁₆	2009 10 12.8	01 11.94 +07 09.5 19.5	-0.83 - 9.9	0.2/12.7	62431
2007 ER ₈	2009 10 12.8	01 11.96 +15 12.7 21.2	-0.85 - 2.1	1.9/15.0	62049
2001 WR ₃₅	2009 10 12.8	01 12.00 -07 08.3 19.0	-0.93 - 3.1	5.8/08.4	62329
2007 EX ₁₉₉	2009 10 12.8	01 12.01 +13 52.7 20.0	-0.95 - 2.7	2.1/14.6	41868
2009 RQ ₁₅	2009 10 12.8	01 12.03 +04 55.0 19.6	-0.90 - 6.7	1.4/12.0	62181
2008 JQ ₁₁	2009 10 12.8	01 12.03 -07 42.6 20.8	-0.92 - 1.6	5.4/08.6	40220
1996 AF ₇	2009 10 12.8	01 12.06 +19 24.3 21.0	-1.04 - 4.2	4.4/16.3	17892
2006 BP ₁₈₃	2009 10 12.8	01 12.07 +14 29.0 20.1	-0.81 - 4.2	2.4/15.0	62478
2005 TB ₅₂	2009 10 12.8	01 12.09 +16 54.1 19.6	-0.86 - 7.9	3.4/16.0	62440
2005 VE ₅₅	2009 10 12.8	01 12.12 +07 06.3 19.9	-0.81 - 8.3	0.2/12.7	62457
2005 YF ₁₅	2009 10 12.8	01 12.13 +09 17.8 20.3	-0.77 - 4.5	0.5/13.4	62468
2008 EK ₁₄₅	2009 10 12.8	01 12.17 +08 08.3 18.9	-0.85 -10.8	0.2/13.0	62081
2003 QQ ₂	2009 10 12.8	01 12.18 +22 39.4 20.3	-0.82 - 3.9	4.2/17.7	41790
2007 GQ ₆₁	2009 10 12.8	01 12.20 +15 59.2 19.6	-0.73 - 7.5	2.5/15.8	20620
2001 XA ₂₁₇	2009 10 12.8	01 12.22 +20 33.9 19.0	-0.78 - 8.4	5.5/17.5	40672
2008 EC ₇₄	2009 10 12.8	01 12.23 +00 20.1 19.4	-1.00 - 3.6	3.3/10.8	62079
2006 BG ₁₅₈	2009 10 12.8	01 12.24 +05 17.7 19.6	-0.76 - 5.2	0.8/12.1	62478
2009 RK ₁₇	2009 10 12.8	01 12.24 +03 32.9 20.3	-0.67 - 7.2	1.1/11.5	62183

2005 SE ₁₉₄	2009 10 12.8	01 12.25 +07 07.6 19.4	-1.12 + 0.5	0.2/12.8	61940
2005 UG ₃₇	2009 10 12.8	01 12.26 +06 55.0 19.6	-0.94 - 3.0	0.3/12.7	61953
2005 VQ ₉₈	2009 10 12.8	01 12.28 +29 24.7 18.8	-1.05 - 2.2	8.3/19.3	62458
2005 YR ₅₈	2009 10 12.9	01 12.22 +05 35.2 20.8	-0.76 - 5.4	0.6/12.2	62469
2007 GX ₄₆	2009 10 12.9	01 12.23 +09 21.8 20.0	-0.72 - 7.8	0.5/13.5	62519
2004 VS ₅₄	2009 10 12.9	01 12.23 -25 30.5 18.4	-0.68 - 7.2	11.8/28.8	62412
2005 UV ₉₂	2009 10 12.9	01 12.26 +10 31.6 20.5	-0.94 - 3.8	1.1/13.8	61960
1998 UT ₅₀	2009 10 12.9	01 12.27 +01 09.1 19.9	-0.53 - 2.0	1.2/10.8	62296
2005 SN ₂₄₆	2009 10 12.9	01 12.29 +11 00.9 20.4	-0.84 - 8.4	1.1/14.1	97842
2008 QD ₆	2009 10 12.9	01 12.30 +08 56.0 18.7	-0.48 - 5.2	0.2/13.4	47452
1999 TK ₇₆	2009 10 12.9	01 12.32 +06 59.1 19.7	-1.03 - 3.9	0.3/12.7	61832
2002 JF ₁₄₇	2009 10 12.9	01 12.34 +16 31.2 18.9	-1.09 - 5.7	4.1/15.6	62348
2005 PN ₂	2009 10 12.9	01 12.34 +08 05.4 18.5	-0.92 - 4.4	0.2/13.1	62425
2008 GQ ₁₀₉	2009 10 12.9	01 12.34 +09 04.4 20.9	-0.83 - 8.2	0.5/13.4	62535
2004 VE ₆₅	2009 10 12.9	01 12.35 -07 32.2 20.1	-0.78 - 3.2	4.2/08.2	11074
2007 ER ₁₄	2009 10 12.9	01 12.37 +07 20.2 20.3	-0.93 - 6.3	0.1/12.8	62050
2001 FE ₇₁	2009 10 12.9	01 12.38 +13 10.1 20.9	-0.85 - 1.7	1.4/14.5	61837
1998 DF ₁₈	2009 10 12.9	01 12.38 -00 12.7 20.5	-0.98 - 6.8	3.0/10.5	40662
2007 HN ₃₁	2009 10 12.9	01 12.41 +09 16.6 20.8	-0.65 - 4.0	0.4/13.5	62520
2009 SV ₃₀	2009 10 12.9	01 12.43 +02 56.4 20.5	-0.89 - 9.2	1.8/11.4	62205
2004 TN ₁₀	2009 10 12.9	01 12.44 +03 04.8 20.0	-0.79 - 5.9	1.5/11.5	62403
2006 DZ ₆₃	2009 10 12.9	01 12.45 +06 22.4 20.3	-0.76 - 4.3	0.4/12.5	62481
2005 WV ₈₄	2009 10 12.9	01 12.46 +12 45.6 21.2	-0.93 - 5.9	1.7/14.5	96502
2009 SZ ₁₂₄	2009 10 12.9	01 12.48 +13 57.1 20.1	-0.89 - 7.9	3.0/15.0	62218
2002 EQ ₁₄₀	2009 10 12.9	01 12.54 +11 58.5 19.6	-0.54 - 2.3	0.8/14.4	87535
1999 UG ₁₂	2009 10 12.9	01 12.54 +03 12.8 19.5	-0.91 - 1.4	1.5/11.8	62298
2008 FR ₁₂₂	2009 10 12.9	01 12.57 -00 28.0 21.1	-0.92 - 8.0	3.0/10.3	60571
2006 AY ₂₃	2009 10 12.9	01 12.59 +24 33.8 18.3	-0.88 + 0.3	8.5/17.6	62005
2004 HT ₅₄	2009 10 12.9	01 12.60 +05 43.8 20.7	-0.94 - 4.8	0.6/12.4	62392
2005 VG ₄₃	2009 10 12.9	01 12.62 -08 09.4 19.3	-0.88 - 5.2	6.1/07.9	62457
2002 RO ₈₅	2009 10 12.9	01 12.62 +13 58.1 18.4	-0.93 + 1.5	3.6/15.0	62354
2005 UN ₃₁₃	2009 10 12.9	01 12.64 -06 41.1 19.4	-0.86 - 5.4	5.7/08.4	62452
2002 PQ ₇₃	2009 10 12.9	01 12.65 +12 43.0 18.8	-0.79 -11.2	2.4/15.0	62350
2004 GB ₇₉	2009 10 12.9	01 12.66 +02 20.9 19.8	-1.08 - 2.7	2.2/11.6	62391
2002 CJ ₁₀₃	2009 10 13.0	01 12.59 +16 45.1 19.7	-0.93 - 2.6	2.7/15.6	62340
2007 BW ₉₁	2009 10 13.0	01 12.60 +02 35.7 21.6	-0.94 - 5.9	1.8/11.4	55301
2005 UH ₅₁₄	2009 10 13.0	01 12.62 +04 55.0 21.2	-0.89 - 6.0	0.9/12.1	24046
2007 LG ₃₄	2009 10 13.0	01 12.63 +05 30.3 21.1	-0.72 - 6.8	0.6/12.3	22594
2005 TZ ₂₃	2009 10 13.0	01 12.64 +02 36.7 19.4	-1.12 + 1.4	2.1/11.9	62439
2003 HR ₁₆	2009 10 13.0	01 12.66 -15 57.9 19.6	-1.67 + 5.8	11.5/08.9	62371
2008 HN ₆₁	2009 10 13.0	01 12.71 +12 31.6 19.9	-0.91 - 7.4	1.8/14.6	62538
2003 SV ₅₈	2009 10 13.0	01 12.72 +17 15.8 18.8	-0.75 - 6.0	2.9/16.3	62375
2002 RR ₇₇	2009 10 13.0	01 12.72 +06 52.2 18.5	-0.90 - 5.5	0.4/12.8	62353
2008 FW ₄	2009 10 13.0	01 12.72 +10 27.2 19.7	-1.11 - 2.8	1.2/13.8	62082
2002 DG ₁₉	2009 10 13.0	01 12.73 +10 53.5 20.2	-0.51 - 2.9	0.6/14.1	62343
2009 SL ₁₂₅	2009 10 13.0	01 12.74 +13 32.8 20.0	-0.96 - 4.8	2.5/14.8	62219
2002 CE ₃₁₆	2009 10 13.0	01 12.76 +03 40.7 20.2	-0.78 - 6.6	1.4/11.7	62343
2007 DN ₄₇	2009 10 13.0	01 12.77 +07 43.2 21.1	-0.89 - 5.5	0.0/13.0	17751
2006 AJ ₁₃	2009 10 13.0	01 12.79 -17 47.7 19.0	-0.88 - 1.3	9.5/05.4	62474
2002 XG ₅₁	2009 10 13.0	01 12.79 -08 16.5 20.4	-0.95 - 3.9	5.4/08.3	16234
2002 XX ₅₇	2009 10 13.0	01 12.80 +03 59.3 19.5	-0.93 - 7.0	1.5/11.9	62364

2007 HA ₉₀	2009 10 13.0	01 12.80 -09 48.1 20.7	-0.74 - 3.0	4.4/07.6	21366
2000 DQ ₄₈	2009 10 13.0	01 12.82 +11 38.8 21.3	-0.96 - 5.1	1.3/14.2	62303
2002 CL ₅₄	2009 10 13.0	01 12.83 +11 34.6 20.0	-0.49 - 2.7	0.6/14.4	47200
2005 XA ₆₇	2009 10 13.0	01 12.85 +15 11.9 19.7	-0.87 - 5.0	2.6/15.4	62466
2002 CD ₂₂	2009 10 13.0	01 12.92 +13 15.1 20.8	-0.90 - 4.9	1.8/14.8	62339
2009 RM ₁₇	2009 10 13.0	01 12.92 +03 40.8 20.0	-0.71 - 5.7	1.3/11.7	62183
1999 TM ₁₀	2009 10 13.0	01 12.93 +04 00.1 19.5	-1.01 - 2.0	1.9/12.1	13738
2007 EL ₄₇	2009 10 13.0	01 12.94 +11 19.8 19.2	-0.93 - 8.4	1.4/14.2	62511
2008 JM ₂₅	2009 10 13.0	01 12.95 -07 32.9 19.6	-0.80 - 6.1	5.8/08.1	62539
2007 EU ₁₂₄	2009 10 13.0	01 12.95 +05 19.4 20.1	-0.67 - 8.2	0.6/12.2	62513
2006 FZ ₁	2009 10 13.0	01 12.96 -15 37.6 19.1	-0.65 -10.6	7.8/03.6	62482
2007 DU ₉₅	2009 10 13.0	01 12.99 +08 19.0 20.5	-0.92 - 3.1	0.2/13.3	62508
2008 GP ₆₉	2009 10 13.0	01 13.00 +03 34.5 20.0	-0.77 - 9.3	1.4/11.6	62534
2007 EL ₅₃	2009 10 13.0	01 13.02 +11 40.0 20.3	-0.80 - 3.4	1.1/14.3	62511
2006 VS ₂₇	2009 10 13.0	01 13.02 +12 41.8 18.4	-0.90 - 9.2	2.5/15.0	62491
2001 WQ ₈	2009 10 13.0	01 13.02 -09 57.6 19.9	-0.91 - 2.6	5.5/08.0	60751
2004 FY ₁₃₄	2009 10 13.1	01 12.95 +18 00.5 19.4	-0.95 - 6.4	3.7/16.4	62390
2007 ER ₇₀	2009 10 13.1	01 12.96 +02 31.1 20.3	-0.80 - 4.9	1.7/11.5	62511
4119 T-3	2009 10 13.1	01 12.97 -00 08.8 18.5	-1.03 + 1.5	4.1/11.3	62596
1999 XY ₁₅₀	2009 10 13.1	01 12.99 +17 04.0 19.7	-0.76 - 6.7	3.0/16.3	62301
2007 EF ₁₉₇	2009 10 13.1	01 13.00 +09 09.5 20.8	-0.80 - 4.7	0.4/13.6	22884
2007 ET ₁₀₉	2009 10 13.1	01 13.00 +02 25.3 20.1	-0.80 - 4.9	1.7/11.4	62513
2006 BF ₂₄	2009 10 13.1	01 13.03 +07 26.3 20.0	-0.92 - 5.1	0.1/13.0	62476
2005 UG ₁₀₅	2009 10 13.1	01 13.03 +02 10.5 19.9	-0.85 - 5.3	1.9/11.4	62446
2006 BV ₉₄	2009 10 13.1	01 13.04 -07 19.5 20.9	-0.68 - 6.5	4.2/07.8	26127
2009 SW ₁₂₅	2009 10 13.1	01 13.08 +15 36.9 19.0	-1.07 - 3.1	4.0/15.4	62219
2007 ET ₂₅	2009 10 13.1	01 13.11 +04 35.2 21.0	-0.92 - 3.8	1.0/12.2	62510
2000 CU ₁₀₆	2009 10 13.1	01 13.14 +05 16.5 20.9	-0.94 - 5.9	0.9/12.4	62302
2005 WD ₇₃	2009 10 13.1	01 13.16 +03 02.7 18.8	-0.79 - 6.3	2.1/11.6	62461
2001 XO ₂₅₁	2009 10 13.1	01 13.18 -14 48.2 20.6	-0.87 - 3.1	6.9/06.1	17982
2005 YB ₇₅	2009 10 13.1	01 13.18 +07 55.4 19.6	-0.84 - 4.2	0.1/13.2	62469
2001 SB ₂₄₁	2009 10 13.1	01 13.19 +05 06.0 20.0	-0.90 - 5.0	1.1/12.3	62320
2003 FN ₄₉	2009 10 13.1	01 13.22 +02 46.7 21.7	-0.82 - 5.6	1.4/11.6	41788
2002 XY ₁₁₈	2009 10 13.1	01 13.24 +00 10.6 19.4	-0.94 - 3.9	3.6/11.0	61875
2002 PS ₁₀₈	2009 10 13.1	01 13.26 -00 12.3 19.4	-1.00 - 3.8	3.7/10.9	62350
2005 UP ₁₉₉	2009 10 13.1	01 13.27 +03 36.9 20.1	-0.89 - 4.3	1.4/11.9	62449
2005 UR ₃₁₅	2009 10 13.1	01 13.28 +09 19.9 19.4	-0.79 - 8.9	0.6/13.7	61974
2003 ET ₈	2009 10 13.1	01 13.28 +11 48.3 19.7	-0.88 - 6.3	1.4/14.5	62369
2005 RD ₂₃	2009 10 13.1	01 13.28 +14 47.6 17.6	-0.74 -12.0	2.8/15.8	62430
2005 UQ ₃₉₃	2009 10 13.1	01 13.29 -01 25.2 19.6	-0.85 - 5.7	3.4/10.3	62453
1999 VF ₁₄₉	2009 10 13.1	01 13.32 -06 37.4 20.3	-0.84 - 2.4	4.9/08.9	12197
1998 SK ₁₉	2009 10 13.1	01 13.33 +07 21.6 20.4	-0.80 - 4.5	0.1/13.1	62295
2006 XL ₆₅	2009 10 13.1	01 13.38 -10 21.1 18.3	-0.77 - 6.9	9.1/06.8	62497
2007 BK ₅₀	2009 10 13.2	01 13.35 +06 08.2 19.9	-0.99 - 4.8	0.7/12.7	62036
2005 UX ₃₃₃	2009 10 13.2	01 13.37 +02 42.3 19.3	-0.84 - 5.0	2.0/11.6	62452
2005 WS ₂₀	2009 10 13.2	01 13.40 +09 24.9 20.2	-0.91 - 3.9	0.6/13.7	62460
2005 UF ₁₇₇	2009 10 13.2	01 13.42 +08 32.8 19.7	-0.89 - 4.6	0.3/13.5	62448
2005 UM ₁₈₀	2009 10 13.2	01 13.43 +15 44.3 19.6	-0.80 - 9.1	2.6/16.0	62448
2008 GT ₁₃₀	2009 10 13.2	01 13.44 -01 52.4 20.8	-0.87 - 5.3	3.7/10.3	49033
2005 NB ₂₉	2009 10 13.2	01 13.45 +06 25.2 18.7	-0.79 - 6.7	0.7/12.8	62422
2007 DW ₂₀	2009 10 13.2	01 13.49 +25 05.5 19.9	-1.12 - 0.4	6.6/17.9	62505

2009 RM ₅₈	2009 10 13.2	01 13.52 +13 00.7 19.4	-0.88	- 1.4	2.6/14.7	62198
2002 CJ ₃₀₄	2009 10 13.2	01 13.55 +14 22.1 20.0	-0.90	- 4.3	2.4/15.0	62342
2003 OY ₆	2009 10 13.2	01 13.56 +24 01.6 19.6	-0.82	- 5.9	4.6/18.9	62372
2000 QZ ₂₁	2009 10 13.2	01 13.57 +03 38.0 18.9	-0.83	- 6.0	1.7/11.9	61833
2006 BM ₁₃₉	2009 10 13.2	01 13.60 -07 27.0 20.8	-0.70	- 7.5	4.3/07.8	20838
2004 TL ₁₇₂	2009 10 13.2	01 13.62 +26 16.9 19.1	-0.81	- 6.2	5.8/19.8	62407
2001 TL ₂₀₉	2009 10 13.2	01 13.65 +20 50.2 19.2	-0.94	- 3.7	5.7/17.3	62323
2000 AC ₁₇₇	2009 10 13.2	01 13.65 +24 49.2 19.7	-0.79	- 6.5	4.8/19.1	62301
2005 SS ₁₄₈	2009 10 13.2	01 13.65 +05 55.5 20.2	-0.84	- 7.1	0.6/12.7	62435
2008 EE ₈₂	2009 10 13.2	01 13.66 +02 38.5 19.4	-0.90	- 8.4	2.0/11.6	62527
2008 GQ ₇₂	2009 10 13.2	01 13.70 +06 14.0 20.6	-0.89	- 7.0	0.6/12.8	41610
2005 SS ₃₂	2009 10 13.2	01 13.72 +02 13.4 20.3	-0.93	- 4.0	2.0/11.7	62432
2006 WA ₁₅₃	2009 10 13.2	01 13.73 +05 02.2 20.9	-0.95	- 4.8	0.9/12.5	62495
2006 BH ₁₁₃	2009 10 13.2	01 13.73 +18 25.3 19.4	-0.86	- 3.2	3.5/16.5	62477
2002 AF ₁₉₈	2009 10 13.2	01 13.75 -03 14.1 18.1	-0.66	- 8.8	5.3/09.1	62338
2002 EJ ₁₅₇	2009 10 13.2	01 13.77 +24 24.2 20.4	-1.04	- 1.2	5.9/17.8	72577
2007 GZ ₅₂	2009 10 13.2	01 13.77 +05 37.0 21.4	-1.00	- 2.0	0.7/12.7	20616
2006 DQ ₂	2009 10 13.3	01 13.69 +04 39.6 20.3	-0.73	- 4.8	0.9/12.3	62480
2004 GD ₁₈	2009 10 13.3	01 13.70 -10 06.6 20.5	-1.04	- 0.8	6.4/08.8	55130
2009 RF ₁₈	2009 10 13.3	01 13.72 +02 38.9 19.7	-0.97	- 7.1	2.2/11.7	62183
2007 AL ₁₆	2009 10 13.3	01 13.78 +11 14.9 20.6	-0.95	- 5.4	1.2/14.4	62499
2006 WZ ₇₉	2009 10 13.3	01 13.81 +05 29.9 21.1	-1.02	- 4.9	0.9/12.7	62494
2007 HD ₈₈	2009 10 13.3	01 13.81 +02 17.7 20.5	-0.85	- 1.2	1.5/11.8	62066
2005 TC ₁₇₂	2009 10 13.3	01 13.84 +13 56.6 19.1	-1.01	- 0.7	2.9/15.0	61950
2005 YH ₅₈	2009 10 13.3	01 13.85 -04 44.8 20.3	-0.77	- 4.9	4.0/09.3	20466
2004 TJ ₃₃₆	2009 10 13.3	01 13.86 +05 45.0 20.1	-0.78	- 4.6	0.6/12.7	62410
2005 WU ₃₆	2009 10 13.3	01 13.88 +05 14.3 19.1	-0.83	- 5.2	1.1/12.5	62460
2008 LR ₁₃	2009 10 13.3	01 13.90 +04 09.6 20.9	-0.81	- 8.6	1.2/12.1	41697
2006 CO ₁₀	2009 10 13.3	01 13.92 +09 41.9 21.1	-0.82	- 2.5	0.5/13.9	02284
2004 FA ₁₄₆	2009 10 13.3	01 13.93 +04 47.4 21.7	-1.01	- 4.8	1.2/12.5	62390
2005 YD ₁₄₃	2009 10 13.3	01 13.93 -08 56.3 20.4	-0.78	- 4.5	5.4/07.9	20832
2005 UZ ₁₈₆	2009 10 13.3	01 13.95 +05 25.0 18.6	-0.94	- 2.1	1.1/12.7	62448
2006 UR ₄₆	2009 10 13.3	01 14.00 -02 36.8 20.3	-1.08	- 2.9	4.0/10.6	39262
2005 JH ₅₄	2009 10 13.3	01 14.04 +01 46.9 20.7	-0.94	- 8.2	2.5/11.4	62419
2007 EO ₁₆₆	2009 10 13.3	01 14.06 +05 51.1 20.3	-0.82	- 5.0	0.6/12.8	62514
2005 XE ₆₃	2009 10 13.3	01 14.06 +03 01.2 19.5	-0.86	- 3.7	1.6/12.0	62466
2001 HP ₄	2009 10 13.3	01 14.07 +19 18.3 20.1	-0.92	-12.9	3.6/17.6	62314
2005 XF ₇	2009 10 13.3	01 14.10 -10 56.8 19.4	-0.96	- 0.7	7.0/08.3	62465
2004 FU ₂₅	2009 10 13.3	01 14.10 +09 47.7 19.3	-1.06	- 4.2	0.7/13.9	62388
2003 DG ₁₄	2009 10 13.3	01 14.14 -30 56.4 20.1	-0.93	- 1.4	10.8/30.8	60784
2006 YA ₄₈	2009 10 13.3	01 14.15 +09 26.9 20.3	-0.96	- 4.8	0.6/13.9	38124
2003 GN ₃	2009 10 13.4	01 14.06 +08 09.5 20.9	-0.85	- 6.6	0.1/13.5	19598
2004 SR ₆₀	2009 10 13.4	01 14.06 +17 48.3 19.0	-0.73	- 9.6	3.3/17.1	09070
2001 FK ₃₁	2009 10 13.4	01 14.08 +08 46.3 20.7	-0.76	- 4.6	0.3/13.7	62313
2004 TG ₃₅₉	2009 10 13.4	01 14.10 +00 21.9 20.3	-0.76	- 3.4	2.1/11.1	62410
2003 BH ₃₅	2009 10 13.4	01 14.10 +05 16.1 19.6	-1.01	- 1.7	0.9/12.7	62367
2007 BH ₅₇	2009 10 13.4	01 14.11 +00 59.9 19.7	-0.97	- 3.9	2.9/11.4	62501
2002 JQ ₁₄₁	2009 10 13.4	01 14.17 +02 08.3 19.5	-0.86	- 2.0	1.8/11.8	62348
2002 WM ₂₇	2009 10 13.4	01 14.17 +04 51.7 19.5	-0.98	- 2.7	1.4/12.6	61874
2000 HN ₂₀	2009 10 13.4	01 14.17 -06 28.6 18.7	-1.49	+ 4.6	6.3/10.7	62305
2003 AV ₇₉	2009 10 13.4	01 14.18 -10 35.1 19.0	-1.01	- 1.3	6.2/08.4	62366

2005 QA ₁₀₄	2009 10 13.4	01 14.20 +08 27.6 18.7	-0.81	- 9.4	0.3/13.6	62428
2005 XF ₇₈	2009 10 13.4	01 14.21 +29 01.9 18.7	-1.00	+ 0.7	10.3/19.4	62467
2008 EH ₁₄₉	2009 10 13.4	01 14.25 +17 11.8 18.9	-1.09	- 2.0	4.6/16.0	62529
2001 VN ₃₉	2009 10 13.4	01 14.26 +29 55.2 18.8	-0.84	-11.7	7.8/22.2	62327
2005 UP ₂₀₀	2009 10 13.4	01 14.27 -01 20.7 19.3	-0.94	- 2.3	3.3/10.9	62449
2007 HE ₅₂	2009 10 13.4	01 14.28 +04 58.8 20.1	-0.69	- 6.9	0.8/12.5	62520
2008 EM ₁₃₆	2009 10 13.4	01 14.29 +03 31.7 21.7	-1.01	- 4.5	1.6/12.2	39298
2005 RB ₇	2009 10 13.4	01 14.30 +14 35.5 20.4	-0.98	- 6.2	2.5/15.6	62430
2002 EW ₁₂₄	2009 10 13.4	01 14.30 +19 11.2 19.3	-0.61	- 1.5	2.2/17.0	62344
2005 UW ₁₃₄	2009 10 13.4	01 14.31 +11 32.6 20.0	-0.99	- 3.6	1.6/14.5	62447
2000 FW ₉	2009 10 13.4	01 14.32 +06 48.0 21.6	-0.92	- 5.7	0.4/13.1	58400
2000 EO ₁₀₀	2009 10 13.4	01 14.33 +09 01.0 19.9	-0.98	- 6.3	0.5/13.8	62304
2004 XT ₉₈	2009 10 13.4	01 14.33 +04 36.8 19.4	-0.76	- 4.0	1.1/12.5	62415
2002 EQ ₁₆₁	2009 10 13.4	01 14.35 -14 04.9 20.9	-0.46	- 5.1	3.6/05.2	48489
2001 KP	2009 10 13.4	01 14.36 -20 40.7 19.7	-1.23	+ 0.8	10.0/06.1	12749
2007 JR ₁	2009 10 13.4	01 14.43 +09 53.3 19.7	-0.68	- 7.8	0.5/14.2	40711
2000 FZ ₅₇	2009 10 13.4	01 14.44 -00 58.6 20.4	-0.89	- 6.6	2.9/10.7	62304
2002 QL ₁₃₂	2009 10 13.4	01 14.45 +02 35.6 19.5	-0.75	-10.1	2.6/11.6	61856
2008 GF ₁₁₉	2009 10 13.4	01 14.45 +04 00.3 20.6	-0.96	- 5.4	1.4/12.3	62535
2004 XE ₂₇	2009 10 13.4	01 14.46 -05 52.6 18.8	-0.81	- 1.8	4.4/09.5	62414
2004 HJ ₅₄	2009 10 13.4	01 14.46 +20 12.3 20.1	-0.96	- 6.2	3.9/17.4	62392
1990 KL ₁	2009 10 13.4	01 14.47 -37 28.8 18.8	-1.68	+12.4	23.4/07.6	62291
2005 YK ₆₃	2009 10 13.4	01 14.49 +14 29.5 20.1	-0.85	- 4.7	2.2/15.5	62000
2008 EW ₇₇	2009 10 13.4	01 14.49 +01 12.6 19.5	-0.88	- 8.5	2.8/11.3	62079
1999 VL ₁₂₄	2009 10 13.5	01 14.45 +10 45.9 20.2	-0.78	- 5.8	0.9/14.4	34682
2004 JH ₃₁	2009 10 13.5	01 14.48 -14 45.0 20.2	-0.99	- 1.1	7.7/07.5	40124
2006 BQ ₈₂	2009 10 13.5	01 14.48 +13 41.2 20.1	-0.84	- 5.6	2.1/15.4	62477
2004 XE	2009 10 13.5	01 14.49 -28 33.4 19.0	-1.83	+12.8	20.0/08.5	62413
2007 DP ₃₃	2009 10 13.5	01 14.50 +15 34.7 20.4	-1.01	- 2.0	2.8/15.6	19702
2004 ED ₈	2009 10 13.5	01 14.52 +14 01.2 20.8	-0.99	- 4.9	2.0/15.3	61887
2005 OH ₈	2009 10 13.5	01 14.54 +24 28.7 19.4	-1.00	- 6.6	6.6/19.0	62424
2002 LG ₃₃	2009 10 13.5	01 14.55 -14 41.1 20.0	-0.71	- 5.2	6.0/05.8	19582
2006 BN ₅₉	2009 10 13.5	01 14.56 +22 03.6 19.5	-0.83	- 3.8	4.1/18.0	62477
2002 QQ ₁₄	2009 10 13.5	01 14.57 +02 13.8 19.0	-0.82	- 9.8	2.6/11.6	61854
2005 YZ ₂₀₅	2009 10 13.5	01 14.59 +04 11.1 20.1	-0.78	- 7.1	1.4/12.3	62004
2007 EA ₉₂	2009 10 13.5	01 14.59 +11 12.3 18.7	-0.87	- 5.7	1.6/14.6	62512
2006 DV ₃	2009 10 13.5	01 14.61 -11 31.0 19.9	-0.66	- 8.5	5.2/06.3	62480
2005 KT ₂	2009 10 13.5	01 14.62 +02 51.4 18.8	-0.82	- 7.1	2.5/11.9	62420
2005 VL ₁₃₄	2009 10 13.5	01 14.63 +14 25.8 20.4	-0.82	- 7.2	2.6/15.7	61984
2009 RR ₁₇	2009 10 13.5	01 14.63 +02 31.1 20.5	-0.78	- 8.5	1.8/11.7	62183
2005 MN ₄₁	2009 10 13.5	01 14.66 -01 58.4 19.9	-0.94	- 5.2	4.0/10.6	37380
2009 RU ₄₅	2009 10 13.5	01 14.68 +10 23.7 20.5	-1.00	- 4.2	1.0/14.3	62193
2007 ET ₁₈₈	2009 10 13.5	01 14.69 +06 32.5 19.1	-0.79	- 7.5	0.5/13.1	62515
2004 HR ₁₆	2009 10 13.5	01 14.70 +08 39.2 20.3	-0.95	- 4.9	0.3/13.8	40685
2001 DA ₇₇	2009 10 13.5	01 14.71 -20 53.3 18.5	-0.60	-35.3	12.9/28.8	62312
2009 SC ₁₂₆	2009 10 13.5	01 14.71 +13 10.0 20.1	-1.02	- 5.3	2.1/15.1	62219
1999 TH ₇₂	2009 10 13.5	01 14.74 -02 20.0 19.5	-0.86	- 2.0	3.5/10.7	18213
2004 KK ₉	2009 10 13.5	01 14.74 +16 43.3 19.8	-0.90	- 6.6	2.9/16.4	61892
1996 VW ₆	2009 10 13.5	01 14.75 +16 31.7 17.6	-0.95	+ 2.9	4.8/15.7	61827
2002 CO ₂₅₅	2009 10 13.5	01 14.78 +03 50.8 20.0	-0.89	- 5.7	1.5/12.3	43148
2004 PR ₆₀	2009 10 13.5	01 14.79 +10 23.0 19.4	-0.80	- 6.3	0.9/14.4	62395

2005 US ₁₁	2009 10 13.5	01 14.84 +07 46.9 19.3	-0.71 -11.0	0.1/13.5	61951
2008 SQ ₂₂₀	2009 10 13.6	01 14.80 +05 53.6 20.1	-0.49 - 3.8	0.4/12.9	62543
2006 DL ₇	2009 10 13.6	01 14.81 +02 21.7 19.7	-0.70 - 5.8	1.6/11.8	62480
2003 NP ₃	2009 10 13.6	01 14.82 +33 33.7 19.0	-0.92 - 2.8	8.5/22.3	62372
2004 HQ ₆₀	2009 10 13.6	01 14.84 -08 58.0 21.5	-0.90 - 4.3	5.2/08.6	59725
2007 BS ₄₃	2009 10 13.6	01 14.87 +12 14.3 20.3	-1.02 - 5.0	1.7/14.9	19695
2009 RL ₄₈	2009 10 13.6	01 14.90 +06 12.7 20.5	-0.86 - 8.6	0.7/13.1	62195
2003 BP ₁₀	2009 10 13.6	01 14.91 +24 23.5 20.0	-1.15 - 1.8	6.2/17.9	77688
2004 PH ₃₇	2009 10 13.6	01 14.91 +21 57.1 19.5	-0.86 - 7.1	4.4/18.4	62395
2009 SY ₃₀	2009 10 13.6	01 14.91 +02 51.8 21.1	-0.79 - 7.0	1.7/12.0	62205
2008 EO ₇₉	2009 10 13.6	01 14.92 +15 57.6 19.9	-1.06 - 5.9	3.1/16.1	62080
2005 WL ₂₄	2009 10 13.6	01 14.99 +06 46.4 21.3	-0.90 - 3.7	0.4/13.3	62460
2001 VE ₁₁₂	2009 10 13.6	01 15.03 +13 58.7 19.3	-0.92 - 5.4	2.2/15.5	62328
2002 GF ₁₈	2009 10 13.6	01 15.04 +06 51.1 19.0	-0.97 - 0.9	0.4/13.4	62346
2006 KT ₄₃	2009 10 13.6	01 15.05 +38 29.1 20.4	-0.87 - 4.7	7.4/24.5	01810
2005 VH ₅₉	2009 10 13.6	01 15.05 -16 19.1 19.9	-1.10 + 1.7	8.4/07.7	62457
2008 DC ₄₀	2009 10 13.6	01 15.06 +06 29.6 20.3	-0.93 - 7.8	0.5/13.2	62525
2007 EY ₁₁₂	2009 10 13.6	01 15.06 +09 26.1 19.6	-0.71 - 8.3	0.5/14.2	62513
2008 DM ₃₂	2009 10 13.6	01 15.11 +07 08.0 19.8	-1.06 - 4.7	0.3/13.4	62525
2008 RE ₅₄	2009 10 13.6	01 15.17 +10 11.6 20.8	-0.49 - 3.9	0.4/14.5	62099
2003 LA	2009 10 13.6	01 15.17 -40 45.6 20.6	-1.42 + 4.4	21.0/29.7	50767
2005 YF ₂₉₁	2009 10 13.6	01 15.18 +08 03.2 20.1	-0.84 - 4.2	0.0/13.7	62473
2005 UL ₄₃₁	2009 10 13.6	01 15.19 +02 38.3 20.4	-0.86 - 4.7	1.8/12.1	62454
2001 DB ₇₃	2009 10 13.6	01 15.20 +36 36.2 20.4	-1.00 - 0.9	6.9/22.7	48471
1999 UF ₂₉	2009 10 13.6	01 15.22 +03 49.5 20.2	-0.80 - 4.7	1.5/12.4	62298
2006 BT ₅₄	2009 10 13.6	01 15.24 -07 34.6 19.9	-0.69 - 7.3	5.1/08.1	62477
2007 DP ₉₆	2009 10 13.6	01 15.24 -08 55.0 20.5	-0.75 -11.6	5.6/07.3	17781
2007 EW ₄₁	2009 10 13.7	01 15.18 -09 09.6 20.9	-0.77 - 7.2	5.6/07.8	40178
1995 VJ ₆	2009 10 13.7	01 15.18 +04 44.3 20.1	-0.84 - 4.1	1.1/12.7	62292
2006 AW ₅₈	2009 10 13.7	01 15.23 +09 29.3 20.4	-0.81 - 4.7	0.5/14.2	62475
2007 GW ₃₇	2009 10 13.7	01 15.25 +04 12.3 21.4	-0.70 - 5.1	1.0/12.5	41871
2008 GG ₁₁₉	2009 10 13.7	01 15.27 +08 18.9 20.6	-0.92 - 8.7	0.1/13.8	62535
2005 MK ₈	2009 10 13.7	01 15.28 +12 16.9 20.9	-1.01 - 6.2	1.6/15.0	61919
2005 UV ₄₆₁	2009 10 13.7	01 15.28 -28 02.3 18.7	-0.75 - 4.1	11.4/29.9	62454
2004 FJ ₂	2009 10 13.7	01 15.29 +08 23.4 19.7	-1.01 - 4.4	0.2/13.8	62388
2005 YB ₁₂₁	2009 10 13.7	01 15.34 +14 34.4 20.8	-0.86 - 4.5	2.2/15.8	62470
2006 AW ₁₈	2009 10 13.7	01 15.35 +38 54.6 20.5	-1.05 - 0.4	7.7/23.3	60857
2001 RB ₁₁₀	2009 10 13.7	01 15.36 +07 10.7 19.3	-0.93 - 4.4	0.4/13.5	62317
2008 JS ₈	2009 10 13.7	01 15.37 -15 27.9 20.7	-0.87 - 2.8	7.3/06.7	40770
2003 SP ₇₇	2009 10 13.7	01 15.41 +23 50.9 18.8	-0.85 - 2.8	5.1/18.7	62375
2006 AC ₁₀₀	2009 10 13.7	01 15.42 +05 41.5 21.3	-0.74 - 4.0	0.6/13.0	62475
2003 QG ₈₅	2009 10 13.7	01 15.42 +07 11.6 21.4	-0.76 - 4.2	0.2/13.5	00492
2005 YT ₂₃	2009 10 13.7	01 15.43 -01 46.5 19.8	-0.79 - 4.4	3.0/10.7	40698
2007 AA ₈	2009 10 13.7	01 15.45 +05 09.8 19.5	-0.95 - 3.2	1.4/13.0	62499
2002 GZ ₂₂	2009 10 13.7	01 15.45 -01 30.8 19.9	-0.76 - 6.1	2.8/10.6	62346
2005 YS ₁₉₇	2009 10 13.7	01 15.49 -03 09.9 20.8	-0.80 - 4.4	3.5/10.3	20832
2007 EU ₆₅	2009 10 13.7	01 15.54 -02 37.2 20.8	-0.71 - 6.0	2.9/10.3	40709
2003 HL	2009 10 13.7	01 15.55 -41 10.0 22.0	-0.96 - 2.2	10.5/25.0	16254
2002 PP ₁₈₇	2009 10 13.7	01 15.56 +15 03.3 20.1	-1.12 - 3.0	3.0/15.7	61853
2004 TV ₃	2009 10 13.7	01 15.56 +07 59.8 20.2	-0.98 - 0.1	0.0/13.8	61901
2005 UQ ₂₅₃	2009 10 13.7	01 15.57 +14 25.8 19.9	-0.85 - 8.7	2.4/16.0	62450

2007 FX ₄₃	2009 10 13.7	01 15.59 +08 03.2 20.8	-0.90 - 5.2	0.0/13.8	62517
2002 TV ₇₆	2009 10 13.7	01 15.59 +14 27.5 19.1	-1.08 - 3.3	2.5/15.6	62357
2002 CQ ₁₄₉	2009 10 13.7	01 15.61 +00 47.4 21.0	-0.83 - 5.2	2.3/11.5	62341
2002 SR ₁₇	2009 10 13.7	01 15.62 +10 12.4 20.1	-1.05 - 3.6	1.1/15.0	62356
2004 XE ₇₇	2009 10 13.8	01 15.55 +15 57.7 18.9	-0.74 - 6.8	2.4/16.5	62415
2005 RR ₁₆	2009 10 13.8	01 15.58 -03 36.6 18.6	-0.98 - 1.9	5.2/10.7	62430
2002 UH ₁₇	2009 10 13.8	01 15.59 +00 28.8 18.7	-0.90 - 1.0	4.0/11.8	62360
2008 HS ₁₆	2009 10 13.8	01 15.62 +08 31.2 19.2	-0.84 - 7.5	0.2/14.0	62092
2008 HB ₁	2009 10 13.8	01 15.63 -07 41.3 20.2	-0.87 - 3.4	5.3/09.2	58607
2004 JF ₂₉	2009 10 13.8	01 15.63 +02 54.2 19.6	-0.89 - 5.5	1.9/12.3	62393
2008 JM ₁₇	2009 10 13.8	01 15.65 +12 43.5 21.2	-0.79 - 9.9	1.5/15.5	40221
2001 QM ₂₁₈	2009 10 13.8	01 15.66 +16 25.5 18.9	-1.01 - 2.6	3.6/16.2	62316
2004 NM ₁₂	2009 10 13.8	01 15.67 +26 00.5 19.1	-0.99 - 3.0	6.7/19.4	61892
2004 XE ₄₂	2009 10 13.8	01 15.69 -02 11.4 20.5	-0.69 - 8.2	2.7/10.2	62414
2008 EF ₇₆	2009 10 13.8	01 15.70 +01 22.2 20.5	-1.03 - 3.8	2.4/12.0	62527
2006 DJ ₈₄	2009 10 13.8	01 15.74 +15 23.0 20.8	-0.83 - 3.7	2.3/16.1	62013
2002 XA ₁₉	2009 10 13.8	01 15.75 +36 36.2 18.2	-0.80 -18.0	11.7/27.4	60779
2005 SS ₉₂	2009 10 13.8	01 15.76 +09 12.4 20.2	-0.88 - 6.5	0.4/14.2	62433
2006 AK ₃	2009 10 13.8	01 15.76 -37 02.8 20.3	-0.86 - 1.9	11.2/25.8	01198
2001 WT ₃₀	2009 10 13.8	01 15.77 -08 37.8 19.0	-0.96 - 1.7	6.1/09.3	62329
2004 VS ₄₃	2009 10 13.8	01 15.78 +10 27.8 19.8	-0.73 - 6.9	0.7/14.7	62412
2003 MJ ₈	2009 10 13.8	01 15.80 -13 12.0 19.4	-0.72 - 6.2	7.2/06.5	62372
2005 XO ₄₃	2009 10 13.8	01 15.82 +08 26.5 20.4	-0.87 - 4.1	0.1/14.0	62466
2002 RJ ₂₅₈	2009 10 13.8	01 15.83 +02 39.0 20.5	-0.81 - 8.1	2.6/12.1	61863
2002 QL ₈₈	2009 10 13.8	01 15.86 +16 39.3 19.4	-1.13 - 1.2	4.1/16.0	62352
2008 GR ₁₃	2009 10 13.8	01 15.88 +04 05.0 19.6	-0.92 - 6.5	1.9/12.7	62088
2005 WN ₁₁₇	2009 10 13.8	01 15.93 -02 03.4 19.8	-1.00 - 1.1	3.5/11.2	58520
2008 DU ₄₇	2009 10 13.8	01 15.93 +08 13.8 19.7	-1.06 - 3.5	0.1/13.9	62525
2005 UV ₂₄₄	2009 10 13.8	01 15.94 +28 17.4 19.0	-0.89 - 7.3	6.5/21.2	97925
2007 HJ ₃	2009 10 13.8	01 15.95 -02 13.7 19.7	-0.67 - 9.6	2.8/10.1	62519
2007 GO ₄₅	2009 10 13.8	01 15.95 +07 53.2 20.1	-0.71 - 6.8	0.0/13.8	62063
2006 WL ₁₈₅	2009 10 13.8	01 15.95 +15 20.4 19.7	-1.00 - 6.7	3.2/16.1	62495
2007 EO ₂₁₄	2009 10 13.8	01 15.98 +07 06.1 20.8	-0.71 - 5.8	0.2/13.6	62516
2005 WM ₉₉	2009 10 13.8	01 15.99 -03 16.3 19.4	-0.87 - 3.5	4.0/10.6	62462
2004 RO ₂₈	2009 10 13.9	01 15.92 +11 39.0 19.4	-0.88 - 3.7	1.3/15.0	62397
2001 UL ₈	2009 10 13.9	01 15.92 -01 50.9 19.1	-1.27 + 6.4	4.7/12.3	62324
2007 DL ₁₀₅	2009 10 13.9	01 15.92 +05 31.0 20.7	-0.79 - 6.4	0.8/13.1	62508
2000 SC ₁₇₅	2009 10 13.9	01 15.93 +20 08.3 17.7	-0.75 -10.4	4.7/18.4	62308
2007 GJ ₆₁	2009 10 13.9	01 15.93 +04 58.5 19.0	-1.06 + 1.2	1.1/13.2	62519
2007 DR ₄₉	2009 10 13.9	01 15.95 +02 47.9 21.5	-0.89 - 5.2	1.7/12.3	17753
2004 TH ₂₃₅	2009 10 13.9	01 15.98 +05 07.0 18.0	-1.81 +12.9	1.7/13.7	61907
2003 BM ₇₄	2009 10 13.9	01 16.01 -10 03.2 19.6	-0.96 - 2.7	6.1/08.7	62367
2005 QE ₈₂	2009 10 13.9	01 16.03 +11 25.4 19.2	-0.99 - 2.8	1.5/14.9	61928
2007 AH ₂₀	2009 10 13.9	01 16.03 +03 46.3 20.1	-0.94 - 4.8	1.5/12.7	62499
2005 MG ₂₄	2009 10 13.9	01 16.04 +29 56.8 20.0	-0.54 - 5.8	4.0/22.4	62421
2005 YK ₁₅	2009 10 13.9	01 16.06 -12 53.9 20.4	-0.73 - 3.8	5.8/07.2	98034
2007 HG ₅₉	2009 10 13.9	01 16.09 +04 18.1 20.0	-0.86 - 2.9	1.3/12.9	62520
2004 RB ₃₃	2009 10 13.9	01 16.09 -03 13.6 20.0	-0.80 - 6.0	3.7/10.3	59731
2004 PZ ₁₁₃	2009 10 13.9	01 16.10 +10 57.6 19.4	-0.95 - 2.3	1.0/15.0	62396
2007 GD ₁₄	2009 10 13.9	01 16.10 +00 20.8 21.2	-0.89 - 2.9	2.3/11.7	19478
2005 UA ₁₂₇	2009 10 13.9	01 16.10 +15 12.2 20.7	-0.83 - 9.9	2.9/16.4	97900

2007 EY ₁₄₉	2009 10 13.9	01 16.12 +02 35.6 20.9	-0.78 - 4.3	1.6/12.3	62514
2007 EE ₄₂	2009 10 13.9	01 16.23 +11 34.1 19.8	-0.91 - 3.1	1.2/15.0	62510
2004 RH ₂₃₈	2009 10 13.9	01 16.24 +07 41.5 20.4	-0.79 - 6.2	0.1/13.9	62400
2005 UR ₅₁₂	2009 10 13.9	01 16.26 +22 41.1 20.5	-0.84 - 6.6	4.2/18.9	17631
2002 CA ₃₁₀	2009 10 13.9	01 16.26 +11 32.2 20.6	-0.85 - 5.2	1.1/15.0	62343
2004 HT ₅₂	2009 10 13.9	01 16.33 -03 11.1 19.6	-1.06 - 0.2	4.3/11.3	40685
2004 HS ₂₀	2009 10 13.9	01 16.33 -03 43.2 20.6	-1.06 - 1.8	4.2/10.9	65743
2006 BM ₉₈	2009 10 13.9	01 16.36 +21 01.7 20.9	-0.81 - 4.1	3.6/18.1	53468
2007 FK ₂₃	2009 10 13.9	01 16.36 +07 48.9 20.0	-0.93 - 3.1	0.1/13.9	62517
2006 TS ₉₁	2009 10 13.9	01 16.38 +07 09.6 19.1	-1.02 - 2.0	0.5/13.8	62488
2008 RR ₈₂	2009 10 14.0	01 16.30 +06 27.4 20.5	-0.49 - 3.9	0.3/13.5	62542
2002 EH ₈₂	2009 10 14.0	01 16.32 +14 54.1 19.1	-0.50 - 2.9	1.2/16.3	62344
2005 UA ₁₉₉	2009 10 14.0	01 16.33 +10 32.2 20.0	-0.83 - 8.2	0.9/15.0	62449
2007 GH ₃₃	2009 10 14.0	01 16.33 -09 28.3 20.3	-0.67 - 8.5	4.3/07.6	47428
2008 GJ ₉₂	2009 10 14.0	01 16.34 +06 13.8 21.1	-0.93 - 6.5	0.7/13.4	62534
2008 FG ₁₂₈	2009 10 14.0	01 16.35 +05 17.9 21.3	-1.09 - 4.1	1.1/13.3	41584
2008 GJ ₁₃₁	2009 10 14.0	01 16.41 -04 51.7 21.1	-0.94 - 1.6	4.7/10.6	40003
2008 GD ₄₇	2009 10 14.0	01 16.42 -14 41.3 20.1	-0.92 - 0.1	7.1/08.1	40758
2005 VY ₉₁	2009 10 14.0	01 16.43 +08 16.6 20.5	-0.85 - 6.2	0.1/14.1	62458
2008 KJ ₃₉	2009 10 14.0	01 16.43 -15 39.0 18.1	-0.65 - 5.0	9.8/05.4	62540
2007 AP ₁₁	2009 10 14.0	01 16.43 +09 40.4 21.1	-0.98 - 6.0	0.5/14.5	59784
2002 CQ ₂₃₂	2009 10 14.0	01 16.44 -04 48.4 20.3	-0.80 - 7.4	4.5/09.6	37951
2008 RU ₄₉	2009 10 14.0	01 16.46 +08 21.0 20.3	-0.49 - 4.5	0.1/14.1	62099
2005 WB ₂₂	2009 10 14.0	01 16.46 +04 42.3 19.9	-0.90 - 3.4	1.2/13.1	62460
2006 DF ₁₁₁	2009 10 14.0	01 16.47 +02 02.0 19.3	-0.84 - 1.6	1.8/12.3	62481
2005 NZ ₂₇	2009 10 14.0	01 16.47 +05 27.4 19.6	-0.94 - 6.7	1.1/13.2	62422
2005 YS ₁₆₂	2009 10 14.0	01 16.48 +00 11.5 19.1	-0.80 - 5.6	3.2/11.5	62471
2009 RF ₁₅	2009 10 14.0	01 16.48 +03 36.2 19.1	-0.71 - 8.7	2.4/12.5	62181
2007 CH ₄₃	2009 10 14.0	01 16.49 +22 51.7 20.1	-0.97 - 6.3	5.0/18.7	62503
2007 EY ₂₀₉	2009 10 14.0	01 16.49 -04 13.2 20.3	-0.88 - 6.5	4.5/10.1	20576
2000 YZ ₁₂₈	2009 10 14.0	01 16.50 -08 17.4 19.9	-0.84 - 4.0	5.7/08.9	20740
2000 AX ₉₂	2009 10 14.0	01 16.53 +56 56.0 18.4	-1.49 - 2.1	23.6/04.0	59653
2007 GY ₁₆	2009 10 14.0	01 16.53 +06 08.3 20.7	-0.83 - 2.6	0.6/13.5	62518
2003 BN ₃₈	2009 10 14.0	01 16.54 -00 54.3 20.7	-0.90 - 5.6	3.2/11.3	22428
2005 SY ₃₇	2009 10 14.0	01 16.58 +08 35.6 19.5	-1.04 - 1.8	0.2/14.2	62432
1999 VE ₈₀	2009 10 14.0	01 16.61 +01 15.5 17.9	-1.14 + 1.6	3.4/12.6	62299
2008 FR ₆₇	2009 10 14.0	01 16.63 +04 44.8 21.1	-0.97 - 5.2	1.2/13.1	62530
2005 JO ₁₃₁	2009 10 14.0	01 16.70 +17 16.2 21.0	-1.01 - 9.8	3.4/17.2	87675
2004 RZ ₁₇₂	2009 10 14.0	01 16.70 +11 42.2 19.6	-0.81 - 6.2	1.2/15.3	62399
2001 XL	2009 10 14.0	01 16.71 -32 28.1 18.7	-0.82 - 8.7	15.1/25.0	19557
2002 VM ₁₉	2009 10 14.0	01 16.71 +14 01.7 19.0	-0.87 - 9.4	2.5/16.1	62361
2008 GN ₉₁	2009 10 14.0	01 16.72 +05 21.2 21.0	-1.12 - 2.9	1.1/13.4	40762
2002 AV ₂₃	2009 10 14.1	01 16.71 +07 39.2 19.4	-0.93 - 3.7	0.2/14.0	62336
2005 QM ₃₁	2009 10 14.1	01 16.71 +24 42.4 17.9	-0.85 - 8.4	7.5/20.2	62426
2004 CE ₁₀₀	2009 10 14.1	01 16.71 +03 42.7 20.6	-0.98 - 5.2	1.5/12.8	62385
2001 SV ₁₆₄	2009 10 14.1	01 16.72 +06 11.6 17.3	-1.88 +12.9	1.1/14.0	25979
2007 CM ₄₅	2009 10 14.1	01 16.76 -02 57.2 21.0	-0.87 - 5.3	3.6/10.7	41861
2007 EV ₂₀₆	2009 10 14.1	01 16.76 +05 54.2 18.7	-0.73 - 6.3	0.8/13.4	62516
2007 JE ₉	2009 10 14.1	01 16.77 +02 54.7 21.7	-0.84 - 6.0	1.5/12.5	42885
2004 TV ₁₇₂	2009 10 14.1	01 16.79 +23 02.5 19.1	-0.86 - 3.9	4.9/18.9	62407
2005 YO ₁₃₅	2009 10 14.1	01 16.79 -10 54.6 20.9	-0.80 - 3.1	5.8/08.3	56038

2005 QT ₈₄	2009 10 14.1	01 16.81 +12 31.3 19.6	-0.96 - 6.2	1.8/15.5	62427
2008 FP ₈₇	2009 10 14.1	01 16.84 +06 25.9 21.2	-0.96 - 6.3	0.6/13.6	40206
2006 VW ₂₈	2009 10 14.1	01 16.87 +12 18.8 18.5	-0.98 - 5.3	2.1/15.4	62491
2009 RU ₂₆	2009 10 14.1	01 16.87 +14 01.1 19.4	-1.00 - 5.0	2.7/15.9	62185
2005 WF ₃₂	2009 10 14.1	01 16.88 +24 45.8 20.7	-0.88 - 7.4	6.1/19.8	97983
2001 WY ₇₅	2009 10 14.1	01 16.88 -03 03.5 19.4	-0.82 + 0.3	5.9/11.2	62330
2001 BU ₅₆	2009 10 14.1	01 16.89 +10 30.0 20.1	-0.51 - 3.0	0.4/14.9	62311
2001 YY ₁₃₈	2009 10 14.1	01 16.90 +00 04.1 22.0	-0.88 - 4.5	2.5/11.7	20757
2004 GF ₇₅	2009 10 14.1	01 16.98 +10 36.8 20.3	-1.01 - 4.7	0.9/14.9	62391
2007 GW ₆₆	2009 10 14.1	01 16.99 +13 57.7 20.3	-0.73 - 6.9	1.8/16.2	62064
2005 UB ₄₁₃	2009 10 14.1	01 17.04 -00 52.0 20.0	-0.89 - 3.3	3.3/11.6	62453
2006 UZ ₃₅₉	2009 10 14.1	01 17.09 +00 44.8 20.7	-1.05 - 5.1	2.9/12.1	62491
2005 NU ₆₀	2009 10 14.1	01 17.11 -02 44.3 20.2	-0.95 - 6.6	4.0/10.9	41184
2006 VG ₄	2009 10 14.2	01 17.03 +10 50.1 20.0	-1.03 - 6.2	1.1/15.0	62491
2005 YR ₁₈₁	2009 10 14.2	01 17.07 -08 08.0 20.7	-0.74 - 2.7	3.8/09.2	96826
2005 XP	2009 10 14.2	01 17.11 -09 34.5 19.8	-0.80 -11.3	7.3/07.3	96595
2007 EM ₅₂	2009 10 14.2	01 17.12 +14 14.8 20.9	-0.94 - 4.4	2.1/16.0	62511
2007 EV ₈₆	2009 10 14.2	01 17.12 +08 32.2 20.2	-0.77 - 7.2	0.1/14.4	62512
2005 YH ₄₆	2009 10 14.2	01 17.19 -08 39.9 20.5	-0.77 - 4.6	5.2/08.8	96710
2001 XG ₁₉₅	2009 10 14.2	01 17.19 +42 52.3 19.7	-1.07 - 3.5	11.5/26.8	30583
2000 AM ₂₂₁	2009 10 14.2	01 17.22 +07 14.0 21.1	-0.76 - 4.2	0.3/14.0	93798
2006 AK ₂₉	2009 10 14.2	01 17.22 +16 14.8 19.2	-0.95 - 2.4	2.9/16.5	62474
2004 TP ₂₀₁	2009 10 14.2	01 17.24 +04 02.7 19.8	-0.88 - 1.3	1.4/13.1	62408
2007 AP ₁₈	2009 10 14.2	01 17.25 -14 14.7 20.3	-0.91 - 3.0	7.1/07.5	59784
2002 CB ₂₀₅	2009 10 14.2	01 17.26 +15 36.3 20.2	-0.53 - 2.4	1.3/16.7	62341
2004 TC ₂₉₄	2009 10 14.2	01 17.26 +02 20.9 20.1	-0.87 - 1.7	1.8/12.6	20367
2005 SW ₂₈₈	2009 10 14.2	01 17.27 -07 39.2 21.7	-0.81 - 7.6	4.9/08.8	26063
2008 HF ₆₇	2009 10 14.2	01 17.34 +10 02.5 20.7	-0.85 - 6.4	0.6/15.0	41663
2007 DM ₂₇	2009 10 14.2	01 17.35 +05 45.3 20.9	-0.90 - 4.4	0.8/13.6	62505
1995 QE ₉	2009 10 14.2	01 17.36 +16 37.6 19.7	-0.50 - 3.4	1.5/17.2	50878
1994 TC ₁₃	2009 10 14.2	01 17.38 +12 28.4 19.7	-1.01 - 4.1	1.6/15.5	62291
2004 HT ₈	2009 10 14.2	01 17.46 -00 38.5 19.7	-0.99 - 3.9	3.3/11.8	62391
2005 UD ₁₁₀	2009 10 14.3	01 17.41 +13 50.3 19.4	-0.81 - 6.8	2.5/16.2	61962
2008 RC ₁₂₄	2009 10 14.3	01 17.42 +12 12.8 20.6	-0.51 - 2.8	0.7/15.6	62101
2004 DQ ₉	2009 10 14.3	01 17.45 +16 47.9 19.8	-1.15 - 2.0	3.5/16.5	62385
2007 BT ₄₃	2009 10 14.3	01 17.48 +01 31.5 19.7	-0.95 - 5.7	2.8/12.3	62501
2002 JL ₁₂₆	2009 10 14.3	01 17.48 +02 59.2 20.3	-0.80 - 3.1	1.6/12.8	17442
2006 BW ₄₄	2009 10 14.3	01 17.49 +12 53.2 21.1	-0.79 - 4.2	1.4/15.8	02273
2005 UZ ₁₉	2009 10 14.3	01 17.55 +23 51.1 19.1	-0.82 -10.7	5.6/20.1	61951
2005 QH ₂	2009 10 14.3	01 17.57 +16 12.7 18.8	-0.87 - 6.3	3.7/16.9	62425
2005 YG ₂₅₁	2009 10 14.3	01 17.61 +08 34.2 19.9	-0.79 - 5.8	0.1/14.5	62473
2006 VL ₁₇	2009 10 14.3	01 17.64 +11 40.4 20.2	-1.03 - 6.3	1.3/15.4	62491
2004 ET ₁₀₆	2009 10 14.3	01 17.67 +06 54.7 19.9	-0.92 - 6.8	0.5/14.0	62388
2003 QU ₇₃	2009 10 14.3	01 17.69 -00 34.1 19.8	-0.69 - 7.3	2.8/11.3	62374
2007 DW ₉	2009 10 14.3	01 17.69 -21 11.9 20.1	-0.95 - 3.1	11.6/04.5	62505
2003 QJ ₃₄	2009 10 14.3	01 17.73 +23 05.1 19.6	-0.89 - 2.6	4.4/18.9	62373
2002 TZ ₃₂₅	2009 10 14.3	01 17.74 +04 41.3 20.8	-0.90 - 9.0	1.4/13.2	00391
2008 GO ₃₆	2009 10 14.3	01 17.74 +00 51.7 21.6	-0.89 - 5.4	2.4/12.1	40210
2005 YQ ₁₈₀	2009 10 14.3	01 17.74 -18 02.1 19.9	-0.89 - 4.3	9.4/05.3	56038
2004 TF ₂₀₃	2009 10 14.3	01 17.74 +17 12.7 19.8	-0.74 - 6.7	2.5/17.4	62408
2005 NP ₇	2009 10 14.3	01 17.74 +21 44.4 19.4	-1.01 - 5.6	5.8/18.7	62422

2002 WR ₂₁	2009 10 14.3	01 17.74 -04 54.2 19.7	-0.94 - 4.4	5.7/10.4	58444
2003 GC ₂₃	2009 10 14.3	01 17.76 +06 55.3 20.0	-0.93 - 2.2	0.4/14.0	62371
1998 RV ₃	2009 10 14.3	01 17.78 -00 50.3 18.6	-0.58 -14.2	4.4/10.7	61828
2008 GF ₃₅	2009 10 14.3	01 17.79 -03 31.8 20.2	-1.05 - 1.7	4.1/11.4	40209
2005 UT ₂₃	2009 10 14.3	01 17.82 +11 36.3 20.1	-0.95 - 5.8	1.4/15.4	61953
2005 QB ₆₄	2009 10 14.3	01 17.86 +10 34.1 19.1	-1.00 - 3.7	1.0/15.1	62427
2005 TM ₆₂	2009 10 14.4	01 17.77 +03 35.8 19.9	-0.97 - 2.5	1.9/13.2	62440
2004 XB ₁₀₆	2009 10 14.4	01 17.80 +38 08.7 20.2	-0.84 - 5.2	7.4/25.2	00885
2000 EQ ₁₀₁	2009 10 14.4	01 17.81 +10 48.7 21.6	-0.95 - 5.6	0.9/15.2	12733
1999 VK ₁₀₄	2009 10 14.4	01 17.84 +16 04.2 19.4	-0.91 - 9.4	3.4/17.1	62299
2005 JA ₆₅	2009 10 14.4	01 17.84 +01 05.8 20.9	-1.02 - 5.6	2.9/12.4	62419
2005 UU ₁₆₃	2009 10 14.4	01 17.85 +11 41.4 20.1	-0.91 - 5.7	1.3/15.5	62448
2000 WZ ₁₃₆	2009 10 14.4	01 17.87 -02 30.0 19.6	-0.86 - 3.4	3.7/11.2	97419
2002 TE ₃₅₃	2009 10 14.4	01 17.87 +10 45.1 20.9	-0.67 - 5.4	0.7/15.3	94864
1999 JF ₇₃	2009 10 14.4	01 17.89 -05 41.5 21.3	-0.88 - 3.2	4.0/10.4	40354
2004 CO ₁₈	2009 10 14.4	01 17.89 -02 17.9 20.6	-0.95 - 5.1	3.6/11.3	41139
2005 TP ₁₉₄	2009 10 14.4	01 17.92 +14 28.6 20.4	-0.81 -10.4	2.2/16.7	61950
1995 WA ₂₇	2009 10 14.4	01 17.93 +13 13.9 19.0	-0.92 - 3.4	2.5/15.9	62292
2007 EM ₉	2009 10 14.4	01 17.94 +20 12.4 20.4	-1.23 + 2.4	4.4/17.0	62509
2002 TB ₃₈₅	2009 10 14.4	01 17.94 +09 00.5 19.9	-1.10 - 2.2	0.3/14.6	61868
2006 XJ ₃₁	2009 10 14.4	01 17.95 +14 34.7 19.9	-0.94 - 5.7	3.1/16.4	62496
2002 VW ₁₃₃	2009 10 14.4	01 17.96 -02 38.3 19.8	-0.94 - 6.2	4.6/11.0	62362
2001 VR ₁₃₂	2009 10 14.4	01 18.02 -11 20.0 19.7	-0.83 - 5.9	7.3/07.9	62328
2005 UC ₅₁	2009 10 14.4	01 18.03 +14 52.3 19.3	-0.76 - 6.4	3.2/16.7	61956
2006 AW ₄₅	2009 10 14.4	01 18.04 +02 14.0 20.8	-0.75 - 5.0	1.8/12.6	62474
2002 TM ₇₁	2009 10 14.4	01 18.05 +19 33.6 18.8	-1.00 - 7.0	4.6/18.1	62357
2007 HU ₈₈	2009 10 14.4	01 18.05 -10 25.2 19.7	-1.12 + 3.8	6.4/10.5	62521
2003 SX ₄₂₇	2009 10 14.4	01 18.07 +15 41.1 20.2	-0.88 - 1.5	2.6/16.6	61882
2005 QX ₁₇₆	2009 10 14.4	01 18.07 -00 26.6 19.4	-0.91 - 3.6	3.8/12.0	62429
2002 QJ ₁₂₃	2009 10 14.4	01 18.08 -03 40.2 19.9	-0.66 - 5.7	3.3/10.4	62352
2003 BE ₆₇	2009 10 14.4	01 18.09 +03 40.6 20.8	-0.88 - 5.3	1.5/13.1	62367
2003 JB ₃	2009 10 14.4	01 18.12 +04 42.4 20.1	-0.92 - 2.6	1.3/13.5	62372
2007 CA ₃	2009 10 14.4	01 18.12 +07 05.8 19.9	-0.86 - 7.1	0.5/14.1	62038
2002 RZ ₂₀₅	2009 10 14.4	01 18.13 +11 20.7 18.9	-0.88 - 6.2	1.5/15.5	62355
2004 VW ₁₂	2009 10 14.4	01 18.14 -16 53.5 19.7	-0.96 0.0	8.2/07.2	62411
2002 RN ₂₈₁	2009 10 14.4	01 18.19 +11 45.6 20.9	-1.07 - 4.2	1.3/15.5	61864
2008 GD ₇	2009 10 14.4	01 18.21 +04 07.4 21.8	-0.96 - 5.3	1.4/13.3	39047
2004 TL ₂₃₉	2009 10 14.5	01 18.16 +04 20.0 19.7	-0.90 - 1.4	1.3/13.4	62408
1999 YC ₁₁	2009 10 14.5	01 18.17 -13 41.3 20.6	-0.80 - 2.4	6.1/07.8	20245
2005 QL ₅₁	2009 10 14.5	01 18.17 +12 59.3 20.3	-1.04 - 4.3	1.7/15.9	62427
2002 RQ ₂₀₇	2009 10 14.5	01 18.17 +14 16.7 19.6	-1.09 - 1.7	2.8/16.1	61863
2006 CC	2009 10 14.5	01 18.18 +20 44.1 20.9	-0.82 - 3.5	3.3/18.4	62479
2006 AX ₆₅	2009 10 14.5	01 18.20 +16 03.0 21.1	-0.79 - 4.0	2.0/16.9	62006
2004 EW ₈₄	2009 10 14.5	01 18.20 +02 57.8 20.6	-0.95 - 5.0	1.9/13.0	62388
1998 WP ₃₇	2009 10 14.5	01 18.24 -00 26.8 20.4	-0.52 - 2.2	1.6/11.7	66079
2006 AG ₉₀	2009 10 14.5	01 18.29 +25 28.4 19.5	-0.87 - 6.4	6.4/20.4	62007
2002 AF ₁₅₉	2009 10 14.5	01 18.33 -00 54.9 19.2	-0.80 - 6.4	3.3/11.5	62338
2002 CY ₂₉	2009 10 14.5	01 18.34 -11 18.5 19.5	-0.90 - 3.5	7.6/08.4	12241
2005 WP ₂₀₇	2009 10 14.5	01 18.35 +19 34.0 20.7	-0.92 - 5.2	4.0/18.0	09465
2009 SN ₈₆	2009 10 14.5	01 18.37 +14 51.6 19.6	-0.87 - 4.9	2.6/16.6	62212
2006 AB ₅₃	2009 10 14.5	01 18.39 +10 40.5 20.3	-0.80 - 5.4	0.8/15.3	62475

2005 TC ₁₂₆	2009 10 14.5	01 18.39 +07 15.1 20.7	-0.92 - 4.6	0.4/14.3	21843
2008 JY ₁₁	2009 10 14.5	01 18.45 +00 11.9 20.9	-0.86 - 4.6	2.7/12.1	40612
2009 SL ₁₂₈	2009 10 14.5	01 18.48 +12 19.2 20.5	-0.87 - 3.2	1.9/15.8	62220
2001 UP ₈₁	2009 10 14.5	01 18.49 -13 34.3 19.8	-1.75 +11.5	11.9/12.2	72414
2004 VZ ₂₄	2009 10 14.5	01 18.50 -14 31.2 18.8	-1.07 + 3.7	8.2/09.8	62411
2005 UV ₃₈₂	2009 10 14.5	01 18.52 +07 17.5 21.0	-0.82 - 6.0	0.3/14.3	19665
2007 DR ₃₃	2009 10 14.5	01 18.55 +03 33.8 20.6	-0.83 - 5.9	1.6/13.1	62506
2006 AV ₂₅	2009 10 14.5	01 18.55 +15 54.0 21.7	-0.75 - 4.2	1.8/17.0	62474
2008 FO ₁₁₀	2009 10 14.5	01 18.56 +08 02.7 20.3	-1.23 + 2.8	9.1/04.0	62087
2005 UQ ₂₅	2009 10 14.5	01 18.56 -00 01.5 19.2	-1.10 + 2.3	3.7/12.8	62443
2008 CR ₁₅₃	2009 10 14.5	01 18.57 +08 16.5 19.5	-1.10 - 3.3	10.5/04.0	62070
2004 RH ₄₆	2009 10 14.5	01 18.58 +13 24.3 19.0	-0.91 - 2.9	1.9/16.1	62397
2004 RD ₁₄₁	2009 10 14.6	01 18.51 -02 10.5 19.1	-0.80 - 4.8	3.7/11.3	62398
2003 EK ₅₇	2009 10 14.6	01 18.53 -14 14.1 20.5	-0.84 - 6.2	7.2/06.9	60784
2005 JF ₁₆₂	2009 10 14.6	01 18.53 -03 24.4 20.5	-0.49 - 3.0	2.1/10.7	58501
2006 AF ₁₆	2009 10 14.6	01 18.55 +03 52.5 20.0	-0.79 - 5.2	1.5/13.2	62005
2002 LD ₄	2009 10 14.6	01 18.57 -16 45.4 20.3	-0.79 - 1.9	6.4/07.0	41782
2008 OX ₂₂	2009 10 14.6	01 18.63 +15 10.2 20.5	-0.54 - 2.7	1.3/16.9	62541
2000 SV ₅₁	2009 10 14.6	01 18.63 +21 24.1 19.1	-0.83 - 8.0	4.7/19.2	62307
2003 QA ₁₀₅	2009 10 14.6	01 18.64 +13 05.4 19.6	-0.77 - 5.1	1.5/16.2	62374
2005 UP ₁₈₂	2009 10 14.6	01 18.64 +03 14.3 18.5	-0.92 - 3.2	2.0/13.2	62448
2003 ED ₄₉	2009 10 14.6	01 18.64 +21 20.9 19.8	-0.89 - 6.7	3.9/18.9	62369
2005 VG ₉₇	2009 10 14.6	01 18.65 +18 32.1 20.0	-0.79 -10.3	4.0/18.3	56035
2003 FN ₉₃	2009 10 14.6	01 18.66 -01 23.7 20.7	-0.93 - 2.0	2.9/12.0	59697
2004 NA ₆	2009 10 14.6	01 18.67 -00 29.6 19.9	-0.85 - 5.9	2.9/11.9	62394
2008 FZ ₂₆	2009 10 14.6	01 18.70 +04 54.0 21.0	-1.01 - 1.6	1.1/13.8	62529
2000 AZ ₃₆	2009 10 14.6	01 18.72 +03 45.3 19.0	-1.00 - 3.4	2.1/13.4	62301
2007 HU ₄	2009 10 14.6	01 18.72 -10 08.6 20.4	-0.75 - 4.6	5.3/08.7	20627
2003 UP ₁₉₀	2009 10 14.6	01 18.72 +20 54.8 20.3	-1.11 + 2.8	4.5/17.5	61883
2005 NF ₈₄	2009 10 14.6	01 18.75 +20 44.2 20.1	-1.05 - 5.5	4.7/18.4	62423
2004 UD ₁	2009 10 14.6	01 18.80 +08 22.8 18.9	-0.85 - 4.2	9.7/04.0	62410
2007 GS	2009 10 14.6	01 18.80 +07 59.7 21.1	-0.74 - 4.6	0.1/14.6	41870
2004 BV ₂₈	2009 10 14.6	01 18.81 +02 57.8 20.3	-0.63 - 3.4	1.2/13.0	62382
2004 VO ₉	2009 10 14.6	01 18.83 -06 46.6 18.7	-0.85 - 3.3	5.5/10.0	62411
2009 RB ₁₆	2009 10 14.6	01 18.85 +04 43.4 20.9	-0.69 - 7.3	1.1/13.4	62182
2007 DA ₉₉	2009 10 14.6	01 18.87 +01 27.7 21.6	-0.92 - 6.5	2.4/12.5	18215
2004 XL ₃	2009 10 14.6	01 18.88 -03 01.7 19.6	-0.79 - 2.6	3.1/11.3	43224
2008 HA ₁₄	2009 10 14.6	01 18.91 +10 44.1 20.5	-0.97 - 5.3	0.9/15.4	62536
1998 QK ₅₈	2009 10 14.6	01 18.94 +10 21.2 19.3	-0.93 - 4.0	1.0/15.3	62294
2008 FN ₄	2009 10 14.6	01 18.96 +02 13.9 20.5	-0.98 - 5.7	2.4/12.9	62529
2007 GP ₅₈	2009 10 14.6	01 18.96 +10 01.3 19.9	-0.88 - 3.7	0.6/15.2	62519
2002 VD ₂₀	2009 10 14.7	01 18.88 +10 38.3 18.4	-0.76 -10.1	1.1/15.5	62361
2004 HJ ₁₂	2009 10 14.7	01 18.90 +21 22.4 19.9	-0.99 - 6.3	4.8/18.8	62391
2006 BE ₃₉	2009 10 14.7	01 18.90 +14 26.2 20.3	-0.78 - 3.9	1.7/16.6	62476
2007 EP ₁	2009 10 14.7	01 18.91 +06 53.3 20.3	-0.93 - 6.8	0.6/14.3	62049
2006 YX ₁₅	2009 10 14.7	01 18.93 -09 51.2 22.4	-0.68 - 4.8	3.9/08.7	20846
2004 EH ₆₈	2009 10 14.7	01 18.98 +11 45.9 20.2	-0.99 - 5.8	1.2/15.7	62387
2002 TP ₁₃₁	2009 10 14.7	01 19.00 +12 52.9 18.9	-0.74 -11.2	2.2/16.4	61867
2007 CS ₂₁	2009 10 14.7	01 19.03 +06 44.2 20.3	-0.92 - 7.1	0.6/14.2	62503
2007 AZ ₂₀	2009 10 14.7	01 19.03 +01 37.1 20.8	-0.86 - 5.7	2.2/12.6	47416
2007 FN ₄₆	2009 10 14.7	01 19.03 +05 28.9 19.7	-0.88 - 1.2	0.9/14.0	62517

2001 VX ₁₃₂	2009 10 14.7	01 19.06 +27 44.4 18.4	-1.09 + 1.1	8.9/19.6	62328
2007 AH ₁	2009 10 14.7	01 19.06 +04 48.1 21.0	-0.92 - 5.7	1.2/13.7	33158
2001 UP ₁₁₂	2009 10 14.7	01 19.08 +11 16.6 19.0	-0.72 - 9.3	1.3/15.8	62325
2005 TH ₅₃	2009 10 14.7	01 19.13 +13 03.1 19.8	-0.83 - 9.5	1.7/16.4	62440
2005 QA ₁₉₀	2009 10 14.7	01 19.14 +08 34.6 20.3	-1.01 - 3.3	9.4/04.0	61930
2004 TB ₂₃₁	2009 10 14.7	01 19.16 +13 08.5 20.7	-0.79 - 4.4	1.4/16.3	62408
2005 MM ₉	2009 10 14.7	01 19.18 +22 14.3 19.4	-0.95 - 6.8	6.0/19.4	62421
2008 FX ₁₀₃	2009 10 14.7	01 19.18 -02 12.7 20.7	-0.94 - 3.5	3.8/11.8	40206
2001 UA ₁₃₁	2009 10 14.7	01 19.19 -01 59.3 19.8	-1.06 - 0.2	3.7/12.2	10822
2000 RL ₉₀	2009 10 14.7	01 19.21 +04 04.0 19.4	-0.78 -10.5	1.5/13.3	62306
2002 AV ₁₀₀	2009 10 14.7	01 19.21 -01 50.9 19.7	-0.87 - 4.4	3.5/11.7	58423
2006 BP ₄₄	2009 10 14.7	01 19.24 -00 08.3 21.2	-0.73 - 6.0	2.3/12.0	98098
2006 GS ₄₀	2009 10 14.7	01 19.26 +06 55.2 21.0	-0.75 - 5.9	0.4/14.3	18176
2005 UD ₁₇₂	2009 10 14.7	01 19.28 +06 04.9 20.3	-0.89 - 4.2	0.8/14.1	62448
2006 QB ₄₉	2009 10 14.7	01 19.29 +28 34.0 19.3	-1.67 + 3.2	9.3/18.9	62484
2004 RK ₃₄₆	2009 10 14.8	01 19.25 -02 50.3 19.1	-0.89 - 1.9	4.0/11.7	62402
2001 FC ₁₇₉	2009 10 14.8	01 19.26 -14 46.7 20.6	-0.70 - 4.7	5.7/06.9	62314
2004 BY ₁₄₈	2009 10 14.8	01 19.27 +09 37.2 20.6	-1.03 - 5.0	0.5/15.2	62384
2007 CM ₂₁	2009 10 14.8	01 19.36 +08 11.4 20.1	-0.97 - 7.2	10.1/25.0	62503
2005 WV ₁₇₉	2009 10 14.8	01 19.37 +21 36.3 18.7	-0.90 - 6.3	5.0/19.2	62464
2006 BM ₃₃	2009 10 14.8	01 19.37 -10 52.9 19.7	-0.69 - 7.6	5.9/07.8	62476
2005 UG ₅₂₇	2009 10 14.8	01 19.37 +15 15.1 20.6	-0.85 - 6.0	2.8/17.0	61980
2007 EB ₁₆₈	2009 10 14.8	01 19.41 +05 28.2 20.6	-0.87 - 3.5	0.9/14.0	62515
2008 ED	2009 10 14.8	01 19.44 +25 49.4 19.2	-1.81 + 8.2	9.3/17.4	62526
2006 FN ₁₆	2009 10 14.8	01 19.44 +14 02.4 20.1	-0.75 - 2.4	1.5/16.5	62483
2004 HQ ₂₇	2009 10 14.8	01 19.46 +00 18.9 20.2	-1.00 - 4.3	2.8/12.5	62391
2004 VW ₂₄	2009 10 14.8	01 19.47 +17 34.5 18.8	-0.79 - 5.5	3.5/17.9	61911
2005 QZ ₂₀	2009 10 14.8	01 19.51 +13 01.3 18.6	-0.91 - 6.7	2.0/16.3	62426
2003 EY ₄₂	2009 10 14.8	01 19.51 +01 42.8 20.5	-0.46 - 4.7	1.2/12.5	62369
2004 XV ₁₂₅	2009 10 14.8	01 19.57 +30 45.1 19.3	-1.07 + 0.5	8.1/20.6	77795
2002 CS ₂₃₅	2009 10 14.8	01 19.58 +18 40.5 19.0	-1.04 - 1.8	3.4/17.6	62342
2007 DR ₆₆	2009 10 14.8	01 19.58 +04 37.1 20.4	-0.90 - 4.7	1.5/13.7	62507
2005 UK ₃₁₃	2009 10 14.8	01 19.59 +00 51.8 19.9	-1.06 - 0.3	2.9/13.0	62452
2007 EW ₁₇₂	2009 10 14.8	01 19.62 +06 28.0 20.7	-0.73 - 7.6	0.6/14.2	62058
2005 UN ₂₀	2009 10 14.8	01 19.63 -01 28.2 19.5	-1.13 + 1.7	4.4/12.6	62443
2001 CR ₄₈	2009 10 14.8	01 19.65 +09 39.6 21.0	-0.76 - 4.3	0.3/15.3	58406
2006 YJ ₆	2009 10 14.9	01 19.64 +13 48.4 21.0	-0.98 - 6.1	1.9/16.5	62030
2008 KT ₃₀	2009 10 14.9	01 19.64 +09 48.9 21.9	-0.93 - 8.4	0.5/15.4	41926
2000 DG ₃₇	2009 10 14.9	01 19.65 +17 53.6 18.9	-0.88 - 2.2	3.1/17.6	62303
1999 VJ ₈₀	2009 10 14.9	01 19.65 +13 10.0 18.7	-0.74 - 8.5	1.6/16.6	62299
2005 QM ₁₀	2009 10 14.9	01 19.68 +06 58.0 20.6	-0.98 - 5.9	9.7/04.0	62426
2005 YX ₆	2009 10 14.9	01 19.69 -00 20.9 19.5	-0.89 - 2.9	3.1/12.4	62467
2008 GP ₉₆	2009 10 14.9	01 19.71 +01 17.7 20.7	-1.02 - 1.5	2.3/13.1	62534
2007 FB ₃₂	2009 10 14.9	01 19.72 +08 59.0 20.9	-0.72 - 5.0	6.4/04.0	62517
1999 WW ₂₄	2009 10 14.9	01 19.74 +16 30.3 19.0	-0.73 - 8.7	2.8/17.8	62300
2009 RL ₁₆	2009 10 14.9	01 19.76 +05 52.4 20.0	-0.82 - 4.8	0.9/14.2	62182
2003 GL ₄₂	2009 10 14.9	01 19.78 -12 21.2 20.8	-0.83 - 4.7	6.1/08.3	59698
2004 HM ₄₄	2009 10 14.9	01 19.80 +17 32.1 20.7	-0.89 - 9.0	3.1/18.1	40380
2008 FY ₁₁₁	2009 10 14.9	01 19.81 +03 20.8 20.2	-0.85 - 6.7	1.7/13.3	62531
2008 GN ₅₀	2009 10 14.9	01 19.85 +06 50.2 20.5	-1.02 - 4.6	0.6/14.5	40210
2007 DE ₉₁	2009 10 14.9	01 19.90 +05 39.9 21.0	-0.93 - 6.0	1.0/14.1	19707

2005 LD ₂₀	2009 10 14.9	01 19.90 +11 05.3 20.0	-0.90 -11.5	1.1/15.9	62420
1995 FF ₇	2009 10 14.9	01 19.90 +05 55.5 20.3	-1.01 - 1.7	0.8/14.3	56833
2005 QF ₁₆	2009 10 14.9	01 19.91 +07 10.4 20.2	-0.95 - 6.2	9.9/04.0	62426
2005 UJ ₃₆₈	2009 10 14.9	01 19.91 +06 37.2 20.5	-0.84 - 6.4	0.7/14.4	34906
2005 YP ₂₆	2009 10 14.9	01 19.92 +12 09.2 19.6	-0.85 - 5.4	1.4/16.1	62468
1999 UL ₂₈	2009 10 14.9	01 19.93 +05 49.9 19.2	-1.06 - 2.2	1.3/14.3	62298
2006 BZ ₅₃	2009 10 14.9	01 19.97 +09 13.4 21.0	-0.82 - 4.4	7.8/25.0	02273
2002 AZ ₁₄₂	2009 10 14.9	01 19.98 +12 52.0 21.0	-0.85 - 5.5	1.3/16.4	62338
2005 VQ ₃₁	2009 10 14.9	01 20.00 -00 54.6 20.1	-0.91 - 2.9	3.5/12.3	62457
2005 NO ₇₉	2009 10 14.9	01 20.03 +16 07.6 18.2	-0.98 - 2.4	3.8/17.2	62423
2005 UX ₃₈₃	2009 10 14.9	01 20.04 -07 42.8 19.4	-0.82 - 7.4	5.5/09.4	21847
2005 UT ₂₁₆	2009 10 14.9	01 20.04 +19 21.6 17.4	-0.66 -13.0	4.7/19.4	62449
2009 RN ₂₇	2009 10 14.9	01 20.05 +17 35.1 19.8	-1.14 + 1.3	3.7/17.1	62186
2008 HH ₁₂	2009 10 14.9	01 20.08 -05 45.2 20.0	-0.91 - 3.4	5.0/11.0	40215
2002 GL ₁₄₂	2009 10 15.0	01 20.00 +10 28.5 19.8	-0.71 - 8.2	0.6/15.7	61847
2009 RZ ₄₅	2009 10 15.0	01 20.05 +10 37.2 20.0	-0.95 - 5.2	0.9/15.7	62193
2007 GZ ₃₂	2009 10 15.0	01 20.05 -00 02.3 19.8	-0.90 - 6.9	3.2/12.3	62518
2000 SM ₂₄₆	2009 10 15.0	01 20.05 +08 06.9 18.6	-1.07 + 0.2	0.1/14.9	62308
2006 BR ₁₁₄	2009 10 15.0	01 20.07 +11 08.5 20.2	-0.78 - 4.6	0.8/15.9	62477
2002 JQ ₁₃₃	2009 10 15.0	01 20.07 +04 45.4 18.9	-0.86 - 1.7	1.1/14.0	62348
2003 BP ₇₄	2009 10 15.0	01 20.13 +06 02.4 19.3	-1.04 - 2.0	1.0/14.4	19591
2007 EV ₁₂₂	2009 10 15.0	01 20.15 +16 18.0 19.7	-1.06 - 0.9	2.7/17.0	62513
2002 JJ ₁₀₀	2009 10 15.0	01 20.16 -14 03.0 21.1	-0.71 - 4.9	5.4/07.5	41782
2002 VL ₂₃	2009 10 15.0	01 20.17 +03 20.9 18.8	-1.05 - 1.6	2.3/13.7	62361
2003 LT ₆	2009 10 15.0	01 20.17 +04 55.8 20.4	-0.88 - 3.6	1.2/14.0	62372
2007 EJ ₉₇	2009 10 15.0	01 20.19 +10 02.2 20.6	-1.02 - 1.6	0.5/15.5	62053
2002 BE ₂	2009 10 15.0	01 20.19 -44 56.5 17.9	-0.60 - 8.5	30.5/09.0	60758
2006 BP ₂₄₅	2009 10 15.0	01 20.21 +07 16.7 21.0	-0.77 - 4.4	0.3/14.7	62479
2003 EA ₂₆	2009 10 15.0	01 20.21 +09 28.7 21.0	-0.90 - 4.0	0.3/15.3	62369
2006 AE ₄₃	2009 10 15.0	01 20.22 -07 23.6 20.4	-0.74 - 5.8	5.3/09.7	62474
2001 WL ₁₀₁	2009 10 15.0	01 20.22 +03 29.1 20.3	-0.93 - 3.2	2.0/13.6	62330
2001 XP ₁₈₃	2009 10 15.0	01 20.22 +29 31.4 18.6	-0.88 - 6.2	8.5/22.4	62333
2008 HP ₃₂	2009 10 15.0	01 20.24 +02 28.3 21.0	-0.99 - 5.7	2.2/13.3	62537
1999 CD ₇₄	2009 10 15.0	01 20.25 +01 50.7 20.4	-0.85 - 6.6	2.1/12.9	62296
2005 WV ₁₂	2009 10 15.0	01 20.26 +11 59.5 20.8	-0.86 - 6.2	1.2/16.2	62459
2002 AN ₅₆	2009 10 15.0	01 20.28 +16 11.3 19.4	-0.86 - 6.0	2.7/17.5	62337
2008 SL ₂₃	2009 10 15.0	01 20.29 +18 54.0 20.2	-0.58 - 1.9	2.0/18.4	62101
2003 CY ₂₀	2009 10 15.0	01 20.29 +09 18.5 19.9	-0.81 - 6.7	0.3/15.3	62368
2004 TO ₁₆₂	2009 10 15.0	01 20.29 +02 41.5 19.5	-0.88 - 1.6	1.9/13.5	62407
2001 UL ₁₁	2009 10 15.0	01 20.29 +15 51.5 19.5	-0.95 -21.0	3.1/18.0	39156
2004 JT ₂₃	2009 10 15.0	01 20.31 +15 15.1 19.7	-0.89 - 9.7	2.2/17.4	62392
2004 BZ ₁₃₁	2009 10 15.0	01 20.31 -09 06.1 19.1	-0.93 - 6.4	7.1/09.5	62383
2005 TH ₉₈	2009 10 15.0	01 20.32 +05 27.3 20.8	-0.92 - 4.5	1.0/14.2	40146
2005 UV ₁₁	2009 10 15.0	01 20.35 +07 46.1 19.6	-0.71 -11.5	0.3/14.8	61951
2005 UB ₁₆₇	2009 10 15.0	01 20.35 +11 15.7 20.3	-0.86 - 7.2	1.0/16.0	62448
1999 UW ₁₁	2009 10 15.0	01 20.38 -01 03.0 19.2	-0.91 - 1.0	3.3/12.5	62298
2007 DM ₈₂	2009 10 15.0	01 20.39 +24 54.0 19.5	-0.96 - 5.0	5.5/20.2	62508
2005 UR ₃₂₀	2009 10 15.0	01 20.39 +00 39.1 19.8	-0.90 - 4.0	2.9/12.8	62452
2001 XS ₃₈	2009 10 15.0	01 20.41 -01 10.3 19.8	-1.04 - 2.1	3.3/12.5	17975
2005 UN ₆₁	2009 10 15.0	01 20.44 +09 27.3 20.5	-0.88 - 6.3	0.3/15.4	62444
2002 RQ ₅₉	2009 10 15.0	01 20.45 +02 46.6 18.7	-0.84 - 5.8	2.8/13.3	62353

2007 DF ₄₉	2009 10 15.1	01 20.37 +01 23.9 20.5	-0.98	- 0.7	2.2/13.3	17753
2003 FJ ₁₀₈	2009 10 15.1	01 20.42 +00 41.2 21.4	-0.85	- 5.9	2.4/12.7	19597
2008 KN ₂₄	2009 10 15.1	01 20.45 -06 44.5 20.8	-0.81	- 7.1	4.9/10.1	40775
2005 WE ₁₁₃	2009 10 15.1	01 20.47 -10 43.6 19.4	-0.84	- 4.2	6.7/09.1	62463
2007 DG ₃₈	2009 10 15.1	01 20.51 +10 18.4 19.4	-0.86	- 5.0	0.7/15.7	62506
2004 FT ₃₈	2009 10 15.1	01 20.55 +13 35.0 19.4	-0.92	- 7.5	1.8/16.8	62389
2006 BP ₁₃₄	2009 10 15.1	01 20.56 +03 54.1 19.0	-0.78	- 4.4	1.6/13.7	62478
2005 UT ₄₉₂	2009 10 15.1	01 20.56 +29 24.2 18.8	-0.94	- 8.2	7.9/22.8	62455
2007 BP ₄₈	2009 10 15.1	01 20.57 +04 23.3 20.2	-1.00	- 4.4	1.7/14.0	62501
2005 YB ₉₁	2009 10 15.1	01 20.57 +16 00.9 19.7	-0.80	- 5.2	2.3/17.6	62470
2003 AR ₄₉	2009 10 15.1	01 20.58 +09 39.4 18.8	-0.96	- 3.9	0.5/15.5	62366
2002 TJ ₅₀	2009 10 15.1	01 20.58 -00 31.1 18.4	-0.93	- 5.0	4.2/12.4	62357
2001 TC ₄₆	2009 10 15.1	01 20.59 +41 55.7 19.4	-1.63	+ 1.9	15.7/23.8	39154
2005 YD ₁₃₅	2009 10 15.1	01 20.59 +10 04.7 20.4	-0.90	- 4.0	0.6/15.6	62002
2006 YQ ₄₉	2009 10 15.1	01 20.63 +07 58.1 20.3	-1.02	- 4.0	0.2/15.0	62031
2006 WF ₁₇₄	2009 10 15.1	01 20.63 -00 59.3 20.9	-1.00	- 4.7	3.5/12.4	62495
2005 QZ ₁₀	2009 10 15.1	01 20.64 -01 16.2 18.8	-0.78	- 8.0	4.5/11.8	62426
2007 AQ ₃₀	2009 10 15.1	01 20.65 -03 11.0 18.8	-0.79	- 7.2	5.5/11.3	62499
2005 UX ₂₄₁	2009 10 15.1	01 20.68 +11 41.2 20.5	-0.89	- 4.4	1.1/16.1	62450
2008 HW ₁₂	2009 10 15.1	01 20.69 -22 35.7 17.8	-0.86	+ 2.0	12.3/06.8	40215
2003 HK ₃₀	2009 10 15.1	01 20.69 +18 06.2 19.9	-0.83	- 8.0	3.0/18.4	59699
2008 RX ₁₂₈	2009 10 15.1	01 20.70 +09 55.9 20.6	-0.48	- 3.5	0.2/15.7	62542
2000 TE ₁	2009 10 15.1	01 20.72 +07 05.1 18.0	-1.38	+ 2.6	0.5/14.9	62309
2001 XX ₇₆	2009 10 15.1	01 20.73 +00 26.0 19.1	-0.85	- 5.0	3.4/12.7	62331
2001 FE ₁₂₀	2009 10 15.1	01 20.73 +08 13.5 21.1	-1.04	- 4.4	0.1/15.1	62313
2008 HD ₅₆	2009 10 15.1	01 20.74 -08 42.5 21.8	-0.88	- 4.6	5.6/10.0	40606
2006 BK ₂₅₀	2009 10 15.1	01 20.75 +19 21.2 20.3	-0.87	- 3.2	3.3/18.4	60860
2005 UM ₁₅₂	2009 10 15.1	01 20.78 -05 38.5 18.9	-1.15	+ 3.3	6.2/12.2	62447
2006 AN ₇₀	2009 10 15.1	01 20.78 +25 16.3 20.5	-0.83	- 4.0	4.6/20.6	59485
2004 RY ₂₀₁	2009 10 15.1	01 20.80 +28 15.1 19.5	-0.95	- 5.0	6.7/21.8	62400
2004 GW ₁₅	2009 10 15.1	01 20.82 +04 11.2 20.6	-0.93	- 5.3	1.5/13.9	41145
2008 KT ₂₇	2009 10 15.2	01 20.81 +02 06.0 20.6	-0.86	- 6.7	2.2/13.2	51070
2008 GQ ₁₁₉	2009 10 15.2	01 20.83 +02 52.1 20.5	-0.94	- 6.4	2.2/13.5	62535
2006 YO ₄₀	2009 10 15.2	01 20.84 +10 56.6 20.2	-0.98	- 7.0	1.0/16.0	62498
2002 HF ₁₈	2009 10 15.2	01 20.86 +08 06.2 20.1	-0.77	- 4.8	0.1/15.1	62347
2008 FW ₁₁₁	2009 10 15.2	01 20.87 +00 53.7 20.1	-0.82	- 7.6	2.6/12.7	62087
2001 TA ₂₃₆	2009 10 15.2	01 20.90 +00 33.7 19.2	-0.75	-12.4	3.0/12.3	62323
2001 XT ₃₉	2009 10 15.2	01 20.91 +30 36.0 20.4	-1.01	- 4.0	7.5/22.0	41775
2007 JD ₄₂	2009 10 15.2	01 20.92 -18 03.7 22.1	-0.70	- 4.3	5.8/06.1	21368
2005 QC ₁₄₅	2009 10 15.2	01 20.97 -07 03.4 18.5	-0.80	- 5.5	7.3/10.0	62429
2002 PN ₅₉	2009 10 15.2	01 20.97 +56 34.8 18.2	-2.22	+13.1	24.4/26.7	60766
2004 RT ₃₁	2009 10 15.2	01 20.97 +08 54.8 18.9	-0.90	- 3.2	0.1/15.4	62397
2006 DV ₄₉	2009 10 15.2	01 20.99 +12 37.2 19.2	-0.86	- 3.1	1.5/16.4	62481
2005 WQ ₁₂₃	2009 10 15.2	01 20.99 +08 57.3 19.9	-0.88	- 5.8	0.1/15.4	62463
2003 GY ₃₂	2009 10 15.2	01 21.03 +07 22.5 20.4	-0.87	- 5.7	0.4/14.9	62371
2002 CN ₂₂₈	2009 10 15.2	01 21.04 +16 38.4 19.2	-0.49	- 3.3	1.4/18.0	87531
2005 UA ₂₆₅	2009 10 15.2	01 21.05 +07 29.0 20.3	-0.84	- 6.4	0.4/14.9	62451
1998 FG ₁₃₇	2009 10 15.2	01 21.07 +15 42.5 20.0	-1.03	- 1.5	2.4/17.1	62294
2008 FO ₉₆	2009 10 15.2	01 21.08 +04 09.1 21.5	-0.94	- 5.1	1.5/14.0	41920
2008 GN ₄₂	2009 10 15.2	01 21.09 +01 21.8 20.5	-0.90	- 6.9	2.8/13.0	62533
2001 DS ₈₁	2009 10 15.2	01 21.13 +20 34.3 21.0	-0.86	- 3.2	3.5/18.9	62312

2005 UG ₄₅₆	2009 10 15.2	01 21.13 +04 50.1 18.4	-0.76	- 8.0	1.7/14.0	61978
2002 QX ₁₁₂	2009 10 15.2	01 21.15 +10 37.0 19.6	-0.96	- 8.2	0.9/15.9	61856
2002 AQ ₁₉₆	2009 10 15.2	01 21.16 +09 59.1 20.2	-0.86	- 5.1	0.5/15.7	62338
2002 EC ₁₁₂	2009 10 15.2	01 21.17 +09 35.0 20.0	-0.88	- 3.1	0.3/15.6	62344
2003 FQ ₃	2009 10 15.2	01 21.17 -12 34.9 20.7	-0.87	- 3.6	6.4/08.8	23899
2007 DD ₆₁	2009 10 15.2	01 21.18 +09 19.3 20.2	-0.79	- 8.1	0.2/15.6	62507
2008 FB ₁₂₄	2009 10 15.3	01 21.12 +00 00.2 20.9	-0.86	- 4.6	2.9/12.8	40207
2002 TS ₂₀₇	2009 10 15.3	01 21.12 +12 24.5 18.3	-0.93	- 3.6	1.9/16.4	62358
1998 QK ₈₄	2009 10 15.3	01 21.13 +16 34.5 19.0	-0.81	- 6.4	2.8/18.0	62294
2005 YW ₂₇₂	2009 10 15.3	01 21.13 +20 18.3 19.4	-0.93	- 3.0	4.4/18.7	62473
2004 RY ₅₆	2009 10 15.3	01 21.14 +13 24.2 20.0	-0.83	- 5.5	1.7/16.8	61895
2001 WR ₅₃	2009 10 15.3	01 21.15 +14 51.4 20.1	-0.87	- 7.5	2.1/17.4	62329
2002 VQ ₁₀	2009 10 15.3	01 21.18 +17 46.1 19.2	-0.96	- 7.1	3.9/18.2	19585
2003 QM ₈₅	2009 10 15.3	01 21.19 +01 32.1 18.9	-0.71	- 5.7	2.3/13.0	62374
2004 TT ₃₃₃	2009 10 15.3	01 21.21 +12 21.6 19.0	-0.74	- 7.4	1.3/16.6	61909
2005 VB ₉₃	2009 10 15.3	01 21.28 -05 31.8 19.6	-0.89	- 2.2	6.0/11.4	57030
2005 AO ₂₇	2009 10 15.3	01 21.28 -43 32.3 19.9	-1.10	+ 2.0	24.6/30.0	11077
2007 CM ₅₉	2009 10 15.3	01 21.28 -01 09.2 20.9	-0.78	- 7.7	2.8/12.1	22875
2000 JV ₄₄	2009 10 15.3	01 21.31 +03 44.5 19.7	-0.97	- 4.0	1.7/14.0	62305
2005 WE ₆₆	2009 10 15.3	01 21.31 +03 49.4 20.3	-0.87	- 4.1	1.6/13.9	62461
2007 EZ ₉₂	2009 10 15.3	01 21.32 +13 18.3 22.4	-0.92	- 5.0	1.6/16.8	19414
2004 XC ₅₂	2009 10 15.3	01 21.32 +18 22.7 19.4	-0.72	- 7.5	2.9/18.8	62414
2002 GV ₇₂	2009 10 15.3	01 21.36 +01 11.6 20.1	-0.75	- 5.2	2.1/13.0	62346
2003 SL ₅₅	2009 10 15.3	01 21.39 +25 57.9 18.7	-0.96	- 1.2	5.4/20.4	62375
2002 RX ₁₂₉	2009 10 15.3	01 21.40 +23 21.5 18.4	-1.79	+ 8.8	7.3/17.5	62354
2004 NJ ₅	2009 10 15.3	01 21.41 +46 43.2 19.3	-1.27	- 1.4	13.7/30.2	70368
2007 EC ₁	2009 10 15.3	01 21.44 -18 49.1 18.9	-0.67	-18.3	11.6/02.4	62509
2006 TF ₄₁	2009 10 15.3	01 21.46 +11 10.2 19.5	-0.98	- 9.3	1.2/16.2	62487
2009 SR ₆₀	2009 10 15.3	01 21.47 +16 10.7 20.0	-0.84	- 4.1	2.4/17.7	62209
2001 EW ₁₀	2009 10 15.3	01 21.54 +07 00.3 20.4	-1.04	- 4.2	0.6/15.0	62312
2008 DJ ₅₅	2009 10 15.4	01 21.52 +05 30.5 20.6	-0.97	- 7.8	1.1/14.4	39290
2006 BO ₁₅₂	2009 10 15.4	01 21.53 +10 36.1 20.4	-0.80	- 3.3	0.6/16.0	62478
2006 XM ₄₉	2009 10 15.4	01 21.55 +13 51.9 20.4	-0.94	- 6.0	2.0/17.0	62497
2006 UU ₂₇₀	2009 10 15.4	01 21.55 +12 21.4 20.1	-0.93	-10.1	1.7/16.7	62020
2003 FG ₁₃₃	2009 10 15.4	01 21.57 +06 41.3 20.9	-0.47	- 4.4	0.3/14.8	61877
2002 AB ₁₃₇	2009 10 15.4	01 21.59 -00 28.2 19.2	-0.82	- 5.9	3.3/12.5	62337
2005 QM ₆₅	2009 10 15.4	01 21.68 -01 27.0 17.5	-1.60	+12.8	5.2/14.6	62427
2004 FL ₆₆	2009 10 15.4	01 21.68 +02 29.5 21.2	-0.99	- 5.2	2.1/13.7	62389
2005 SK ₁₉₄	2009 10 15.4	01 21.69 -19 21.0 18.5	-0.97	- 2.7	11.1/06.1	62436
2007 EC ₂₁	2009 10 15.4	01 21.70 +11 07.3 20.2	-0.92	- 3.0	0.9/16.2	62051
2004 FE ₅₀	2009 10 15.4	01 21.71 +11 05.4 20.8	-0.98	- 5.6	0.9/16.2	62389
2001 UJ ₇	2009 10 15.4	01 21.73 +19 09.4 17.8	-1.51	+10.1	5.4/16.8	62324
2007 AG ₂₄	2009 10 15.4	01 21.75 +06 30.8 20.8	-0.91	- 6.1	0.7/14.8	22869
2000 AZ ₄₄	2009 10 15.4	01 21.77 +19 26.0 19.8	-0.82	- 3.8	3.5/18.8	93796
2005 UW ₁₀₁	2009 10 15.4	01 21.79 +00 40.0 19.4	-0.86	- 4.7	3.4/13.1	62446
2004 FF ₄₁	2009 10 15.4	01 21.84 +07 23.3 20.2	-0.98	- 4.6	0.4/15.1	58475
2005 YY ₁₀	2009 10 15.4	01 21.86 +03 23.0 20.1	-0.85	- 4.4	1.9/13.9	62468
2002 RR ₁₇₃	2009 10 15.4	01 21.86 +12 00.2 19.0	-1.03	- 5.2	1.5/16.5	62354
2002 CA ₃₀₄	2009 10 15.4	01 21.87 +15 42.2 19.3	-0.90	- 3.7	2.5/17.6	62342
2005 UU ₂₉₀	2009 10 15.4	01 21.89 +16 09.5 19.7	-0.88	- 5.2	3.3/17.9	61973
2008 HG ₁₉	2009 10 15.4	01 21.93 +06 16.9 21.4	-1.06	- 0.9	0.8/14.9	40766

2005 UW ₁₅₅	2009 10 15.5	01 21.89 -03 02.1 19.0 -0.82 - 5.6 4.8/11.8 96174
2007 HL ₈₄	2009 10 15.5	01 21.90 -02 24.6 20.4 -0.89 - 0.8 3.2/12.6 21225
2006 VG ₁₀₇	2009 10 15.5	01 21.90 +04 22.9 18.9 -1.14 - 1.1 2.0/14.5 62492
2001 DZ ₇₂	2009 10 15.5	01 21.93 +00 51.2 19.4 -0.73 - 7.1 2.4/12.9 62312
2002 CH ₁₅₄	2009 10 15.5	01 21.94 -14 29.0 19.7 -0.78 - 5.7 7.7/07.7 62341
2006 AS ₁₁	2009 10 15.5	01 21.98 -09 43.7 19.7 -0.76 - 4.7 5.4/09.6 62474
2003 OV ₆	2009 10 15.5	01 21.98 +21 46.9 19.0 -0.81 - 5.2 4.1/19.8 62372
2005 UQ ₄₄₂	2009 10 15.5	01 21.99 +17 49.7 19.4 -1.04 - 1.6 3.3/18.0 62454
2008 HG ₁₇	2009 10 15.5	01 21.99 -08 02.5 21.4 -0.86 - 5.4 5.5/10.3 40766
2003 JW ₁₆	2009 10 15.5	01 22.01 -08 16.4 20.9 -0.82 - 3.8 4.7/10.4 59700
2003 SF ₅₈	2009 10 15.5	01 22.02 +30 59.5 19.0 -0.85 - 5.4 6.7/23.5 62375
2002 AE ₁₇₆	2009 10 15.5	01 22.02 +28 32.4 21.3 -0.94 - 3.5 5.5/21.7 30626
2003 BY ₈₆	2009 10 15.5	01 22.03 +04 58.3 21.5 -0.88 - 5.9 1.3/14.4 18041
2008 KT ₂₆	2009 10 15.5	01 22.11 +11 46.4 19.9 -0.82 - 8.8 1.0/16.6 62540
2006 YK ₁	2009 10 15.5	01 22.11 +17 08.4 19.1 -1.06 - 3.9 3.3/17.9 62497
2008 RL ₃₂	2009 10 15.5	01 22.13 +32 08.4 19.8 -0.73 0.0 4.3/22.8 50168
2006 EC ₂₅	2009 10 15.5	01 22.14 +21 54.1 19.9 -0.89 - 2.0 4.2/19.4 01476
2002 CB ₂₅₉	2009 10 15.5	01 22.19 +08 25.4 19.9 -0.81 - 6.3 0.1/15.5 62342
2001 BJ ₈₃	2009 10 15.5	01 22.22 -14 06.7 21.1 -0.72 - 3.8 5.2/08.1 21303
2001 WQ ₁₀	2009 10 15.5	01 22.24 +09 53.2 20.0 -0.85 - 7.6 0.5/16.0 62329
2005 YW ₁₃₈	2009 10 15.5	01 22.26 +13 40.5 20.8 -0.79 - 4.7 1.5/17.2 62471
2005 WY ₁₁₃	2009 10 15.5	01 22.27 +16 06.4 20.4 -0.90 - 4.7 2.7/17.9 62463
2009 SO ₁₄₃	2009 10 15.5	01 22.27 +11 25.9 20.9 -1.13 - 1.9 1.3/16.3 62223
2005 UH ₂₉₀	2009 10 15.5	01 22.28 +20 48.7 21.1 -0.87 - 7.7 4.0/19.7 97932
2004 CO ₁₁₀	2009 10 15.5	01 22.32 +18 00.4 19.0 -1.11 - 2.4 4.3/18.1 62385
2006 DH ₆₈	2009 10 15.6	01 22.24 +11 27.4 19.9 -0.89 - 0.8 0.8/16.3 62481
2008 DV ₆₆	2009 10 15.6	01 22.26 +10 28.0 20.7 -0.94 - 7.8 0.6/16.2 62525
2005 WT ₁₃₀	2009 10 15.6	01 22.30 -08 02.5 20.5 -0.88 - 2.6 4.9/10.7 20826
2000 CS ₁₂	2009 10 15.6	01 22.30 +18 59.6 19.1 -0.82 - 5.2 3.5/18.9 41754
2003 EB ₄	2009 10 15.6	01 22.32 +43 23.6 20.5 -1.85 + 3.0 16.0/24.2 34750
2007 CG ₃₉	2009 10 15.6	01 22.32 +04 10.6 18.9 -0.85 - 7.2 2.1/14.2 62503
2005 GF ₂₀₄	2009 10 15.6	01 22.32 +04 24.1 20.3 -1.00 - 7.5 1.9/14.3 62419
2005 UJ ₂₂	2009 10 15.6	01 22.33 +09 55.7 20.0 -0.95 - 3.6 0.5/16.0 61952
2002 CE ₂₅₃	2009 10 15.6	01 22.34 +10 43.2 19.9 -0.89 - 3.0 0.6/16.2 62342
2007 ET ₁₆₂	2009 10 15.6	01 22.35 +04 36.9 19.0 -0.82 - 9.0 1.9/14.2 31524
2002 TE ₁₉₇	2009 10 15.6	01 22.36 +19 54.6 19.6 -1.13 - 3.9 4.5/18.8 56892
2003 QH ₂₁	2009 10 15.6	01 22.41 +00 06.7 18.7 -0.73 - 4.7 2.8/12.9 62373
2009 QY ₈	2009 10 15.6	01 22.41 -12 07.8 19.1 -0.76 - 3.7 7.4/09.0 62140
2005 WM ₁₂₀	2009 10 15.6	01 22.43 -11 58.7 20.0 -0.88 - 2.6 6.3/09.4 20826
2009 SL ₃₁	2009 10 15.6	01 22.43 +03 15.8 19.5 -0.81 - 5.7 2.4/13.9 62205
2006 VS	2009 10 15.6	01 22.46 +10 45.0 20.2 -1.04 - 6.3 0.9/16.3 62491
2004 XK ₇₉	2009 10 15.6	01 22.47 +05 07.5 19.7 -0.81 - 3.6 1.2/14.6 62415
2002 TX ₂₈₄	2009 10 15.6	01 22.48 +11 56.7 18.5 -0.99 - 3.3 1.5/16.6 62359
1993 FV ₃₅	2009 10 15.6	01 22.49 +05 24.1 20.7 -0.93 - 6.1 1.1/14.7 10680
2008 GU ₃₄	2009 10 15.6	01 22.54 +08 41.9 20.1 -1.02 - 5.1 0.0/15.7 62533
2007 AK ₂₇	2009 10 15.6	01 22.54 +13 12.1 19.8 -0.91 - 5.5 2.1/17.0 62499
2005 UX ₂₉₇	2009 10 15.6	01 22.60 +16 50.9 20.6 -0.82 - 7.1 2.3/18.4 62451
2004 RC ₁₉₇	2009 10 15.6	01 22.63 +20 31.8 19.2 -0.86 - 4.5 4.0/19.4 62399
2008 EZ ₅₁	2009 10 15.6	01 22.63 -05 37.7 20.0 -0.99 - 5.3 6.0/11.5 40538
2008 KK ₃₅	2009 10 15.6	01 22.64 +05 22.9 21.8 -0.94 - 6.6 1.2/14.7 40057
2005 YE ₂₁	2009 10 15.6	01 22.64 +10 27.1 19.9 -0.84 - 4.7 0.6/16.2 62468

2001 UH ₁₀₅	2009 10 15.6	01 22.66 -02 49.5 20.1 -1.10 + 0.8 4.4/13.1 55931
2005 NU ₅₈	2009 10 15.6	01 22.67 +19 46.8 20.1 -1.04 - 5.8 4.2/19.1 62423
2005 WU ₁₇	2009 10 15.6	01 22.69 -00 05.8 20.6 -0.94 - 3.5 3.0/13.2 62459
2006 UK ₁₉₉	2009 10 15.6	01 22.70 +05 05.4 20.3 -1.05 - 4.8 1.4/14.7 62490
2007 CK ₆₁	2009 10 15.7	01 22.60 +09 18.6 20.1 -0.92 - 6.8 0.2/15.9 62043
2004 VC ₅₂	2009 10 15.7	01 22.62 -04 17.3 19.8 -0.81 - 2.4 3.8/11.9 43222
2006 EP ₆₅	2009 10 15.7	01 22.62 +09 06.7 20.5 -0.73 - 5.5 0.1/15.8 62482
2003 OZ ₁₉	2009 10 15.7	01 22.63 -01 47.4 19.1 -0.76 - 5.0 3.5/12.4 62373
2004 XG ₁₃₄	2009 10 15.7	01 22.66 +05 09.2 19.6 -0.81 - 3.1 1.1/14.7 62415
2005 NS ₁₂₃	2009 10 15.7	01 22.66 +11 46.3 20.1 -1.01 - 5.8 1.2/16.6 62424
1999 VN ₁₂₂	2009 10 15.7	01 22.67 -03 21.1 19.6 -1.07 - 1.8 5.2/12.7 62299
1996 TG ₆₇	2009 10 15.7	01 22.67 +05 04.6 19.8 -0.98 - 2.0 1.3/14.7 62293
2002 CN ₁₈₁	2009 10 15.7	01 22.69 +13 29.7 20.0 -0.91 - 4.4 1.8/17.1 62341
2005 YE ₁₆₆	2009 10 15.7	01 22.70 +06 10.5 19.8 -0.79 - 5.5 0.9/14.9 62472
2006 BO ₂₅₃	2009 10 15.7	01 22.71 +20 02.9 20.4 -0.81 - 3.4 3.2/19.2 62479
2006 WV ₁₂	2009 10 15.7	01 22.71 +03 48.7 19.7 -0.91 - 6.4 2.4/14.2 62493
2005 TN ₁₈₄	2009 10 15.7	01 22.72 +11 57.1 20.1 -1.02 - 3.5 1.2/16.6 62442
2005 YA ₇₄	2009 10 15.7	01 22.73 +19 34.8 20.1 -0.86 - 4.4 4.6/19.1 01174
2004 JY ₃₃	2009 10 15.7	01 22.75 +05 36.9 20.7 -0.89 - 6.3 1.0/14.8 21812
2000 FY ₃	2009 10 15.7	01 22.77 +10 32.7 20.6 -0.96 - 6.0 0.7/16.3 62304
2002 VX ₂₉	2009 10 15.7	01 22.78 +12 07.6 19.2 -0.95 - 6.9 1.4/16.8 62361
2003 OF ₁₉	2009 10 15.7	01 22.82 +22 17.2 18.8 -0.78 - 6.5 4.4/20.4 62372
2003 HC ₄₃	2009 10 15.7	01 22.87 +09 26.5 20.5 -0.51 - 2.1 0.1/16.0 62372
2005 UM ₁₁₁	2009 10 15.7	01 22.89 +06 30.6 18.7 -0.95 - 2.0 0.9/15.2 62446
2006 DR ₄₄	2009 10 15.7	01 22.92 +08 45.1 20.9 -0.74 - 4.3 0.0/15.8 57042
2005 WS ₃₇	2009 10 15.7	01 22.92 +03 18.6 20.1 -0.86 - 4.5 2.0/14.1 62460
2001 FR ₁₁₆	2009 10 15.7	01 22.93 -01 12.1 21.3 -0.95 - 6.7 3.3/12.8 58407
2005 UL ₇₈	2009 10 15.7	01 22.96 +06 42.2 20.5 -0.95 - 3.4 0.7/15.2 61958
2005 UW ₁₉	2009 10 15.7	01 22.97 +10 07.2 19.8 -0.87 - 5.3 0.5/16.2 62443
2005 UQ ₃₇	2009 10 15.7	01 22.98 +08 05.4 19.9 -0.85 - 5.9 0.2/15.6 62443
2005 XV ₅₂	2009 10 15.7	01 23.05 +15 12.4 20.7 -0.88 - 4.2 2.3/17.7 61997
2005 QH ₁₂₃	2009 10 15.7	01 23.07 +11 02.0 20.3 -0.98 - 5.3 0.9/16.5 62428
2005 WS ₃₁	2009 10 15.8	01 22.99 +10 31.1 20.0 -0.87 - 4.8 0.6/16.3 62460
2008 PC ₁₂	2009 10 15.8	01 23.06 +05 04.9 20.3 -0.50 - 3.5 0.7/14.6 62098
2007 ED ₂₀₄	2009 10 15.8	01 23.07 +08 35.2 20.4 -0.80 - 6.3 0.1/15.8 62515
2007 GZ ₇	2009 10 15.8	01 23.07 +10 16.3 19.9 -0.88 - 2.0 0.5/16.2 62518
2001 XY ₈	2009 10 15.8	01 23.07 +09 49.8 20.0 -0.99 - 3.7 0.4/16.1 61843
2005 TG ₁₂₄	2009 10 15.8	01 23.12 +11 08.7 21.2 -0.91 - 5.2 0.8/16.6 62441
2005 JD ₁₇₄	2009 10 15.8	01 23.12 +11 59.1 21.9 -1.04 - 6.6 1.2/16.8 41180
2003 OT ₃₀	2009 10 15.8	01 23.15 +31 23.2 18.8 -0.99 0.0 8.4/22.2 62373
2001 XT ₁₅₆	2009 10 15.8	01 23.15 -04 56.6 19.1 -0.86 - 3.3 6.3/11.7 62333
1999 TT ₂₉₉	2009 10 15.8	01 23.19 +07 09.5 20.4 -0.81 - 3.9 0.5/15.4 62298
2002 TQ ₂₄₅	2009 10 15.8	01 23.20 +04 04.4 18.6 -1.09 + 0.1 2.2/14.7 62359
2005 UW ₂₂₉	2009 10 15.8	01 23.22 +07 34.2 21.2 -0.84 - 5.8 0.4/15.5 22800
2002 AN ₁₈	2009 10 15.8	01 23.26 -45 26.8 18.2 -0.28 -11.2 36.3/09.0 62336
2004 CS ₁₉	2009 10 15.8	01 23.29 +09 02.2 19.1 -0.97 - 3.5 0.1/15.9 62384
2002 YU ₁₀	2009 10 15.8	01 23.32 +21 04.2 19.6 -0.96 - 5.8 4.2/19.7 62365
2004 RB ₉₅	2009 10 15.8	01 23.33 +22 33.4 19.3 -0.92 - 3.5 5.2/20.1 62397
2006 CE ₃₉	2009 10 15.8	01 23.40 +02 41.8 19.5 -0.71 - 7.1 1.9/13.8 62480
2003 SF ₁₂₅	2009 10 15.8	01 23.40 +29 40.2 18.6 -0.75 - 8.2 6.2/23.7 62376
2005 SV ₇₆	2009 10 15.8	01 23.43 +05 58.0 21.0 -0.91 - 6.8 1.0/15.0 40142

2005 YF ₅₃	2009 10 15.8	01 23.43 +32 38.8 20.6	-0.87 - 3.9	6.4/24.0	41836
2001 WW ₄₃	2009 10 15.8	01 23.43 +06 11.5 19.2	-0.87 - 5.2	1.1/15.1	62329
2005 UU ₂₅	2009 10 15.9	01 23.36 +11 58.5 19.8	-0.84 - 8.4	1.2/17.0	62443
2005 WF ₁₀₈	2009 10 15.9	01 23.38 -02 15.6 19.7	-0.88 - 3.6	3.9/12.7	62462
2005 UG ₂₀₂	2009 10 15.9	01 23.39 +04 14.2 20.3	-0.90 - 4.2	1.8/14.6	16326
2003 QV ₄₉	2009 10 15.9	01 23.40 +08 27.4 18.8	-0.82 - 3.0	0.1/15.8	62373
2008 FR ₆₉	2009 10 15.9	01 23.40 +04 20.3 20.9	-1.05 - 4.9	1.7/14.7	51069
2007 CC ₆₁	2009 10 15.9	01 23.40 +24 54.6 20.0	-1.00 - 2.5	5.2/20.6	62504
2008 HV ₄₆	2009 10 15.9	01 23.41 -16 06.7 20.4	-0.90 - 2.8	8.2/08.6	62537
2004 RR ₂₉₈	2009 10 15.9	01 23.41 +09 23.4 20.3	-0.85 - 4.2	0.2/16.1	62401
2001 RR ₁₁₈	2009 10 15.9	01 23.41 +21 44.3 19.6	-1.23 + 2.1	5.7/18.8	62317
2009 QT ₃₆	2009 10 15.9	01 23.41 +10 08.6 18.5	-1.13 + 2.9	0.6/16.2	62163
2005 SA ₁₄₃	2009 10 15.9	01 23.42 -00 17.3 20.2	-0.86 - 7.2	3.2/13.0	62435
2002 CV ₂₅₉	2009 10 15.9	01 23.42 +04 06.1 20.1	-0.91 - 4.1	1.7/14.6	62342
2008 KL ₃₅	2009 10 15.9	01 23.43 +05 30.7 22.2	-0.92 - 5.6	1.1/14.9	40058
2009 RL ₄₅	2009 10 15.9	01 23.46 +08 08.1 19.6	-0.62 -10.0	0.3/15.7	62193
2008 HF ₆₂	2009 10 15.9	01 23.46 -03 32.6 20.5	-0.99 - 5.0	4.8/12.3	40028
2005 YT ₁₇₀	2009 10 15.9	01 23.46 +03 16.5 19.9	-0.88 - 2.8	1.7/14.4	62472
2002 YP ₇	2009 10 15.9	01 23.48 -04 26.6 18.7	-0.88 - 5.5	6.4/11.6	62365
2007 CD ₆₅	2009 10 15.9	01 23.48 +20 15.5 19.7	-0.99 - 3.1	4.0/19.2	62504
2000 SD ₄₈	2009 10 15.9	01 23.50 +08 49.9 18.8	-0.74 -12.9	0.0/16.0	62307
2008 HM ₆₇	2009 10 15.9	01 23.50 +00 59.8 21.3	-1.06 - 4.4	3.2/13.8	48624
1996 TY ₃₀	2009 10 15.9	01 23.58 -01 24.3 18.9	-0.82 -27.7	4.6/11.6	61827
2001 GU ₈	2009 10 15.9	01 23.59 -01 43.6 20.9	-0.99 - 5.5	3.6/12.8	18316
2008 JB ₃	2009 10 15.9	01 23.59 -07 38.0 19.3	-0.75 - 9.6	6.2/10.1	62538
2003 AE ₄₀	2009 10 15.9	01 23.60 +11 29.1 19.2	-0.92 - 6.9	1.0/16.8	62366
2005 PC ₁₄	2009 10 15.9	01 23.61 +03 54.2 20.0	-0.98 - 5.1	1.7/14.5	62425
2007 HM ₈₄	2009 10 15.9	01 23.62 +00 16.7 20.3	-0.82 - 1.9	2.4/13.6	21365
2005 UR ₄₇₅	2009 10 15.9	01 23.70 +12 13.5 19.3	-0.72 -15.8	1.4/17.3	61978
2005 EP ₃₃	2009 10 15.9	01 23.71 +05 25.5 20.4	-0.61 - 3.2	0.7/14.9	62417
2002 GG ₁₇₉	2009 10 15.9	01 23.72 +03 12.8 19.9	-0.73 - 6.9	1.7/14.1	19579
2002 JM ₉₃	2009 10 15.9	01 23.73 +17 05.5 19.0	-0.98 -10.7	3.6/18.8	62348
2005 UA ₄₆₁	2009 10 15.9	01 23.74 +11 44.3 20.0	-0.87 - 5.2	1.0/16.9	97954
2005 JT ₉₇	2009 10 15.9	01 23.74 -04 24.3 19.9	-1.07 - 1.8	5.9/12.7	35905
2002 GT ₁₆₉	2009 10 15.9	01 23.75 +15 09.3 19.8	-0.73 - 8.6	1.9/18.2	61848
2005 QS ₅₁	2009 10 15.9	01 23.76 +18 33.9 19.9	-1.03 - 5.2	3.6/18.9	39222
2002 GS ₁₈₁	2009 10 15.9	01 23.76 +10 29.4 19.5	-0.73 - 7.6	0.5/16.6	59679
2001 DT ₁₇	2009 10 16.0	01 23.72 -03 16.7 19.8	-1.00 - 5.9	4.6/12.4	40091
2008 GX ₆₉	2009 10 16.0	01 23.76 -02 47.5 20.2	-0.92 - 6.5	4.3/12.4	40211
2001 YW ₁₂₆	2009 10 16.0	01 23.77 +11 29.8 18.2	-0.86 + 0.3	1.4/16.7	62335
2008 LF ₄	2009 10 16.0	01 23.78 -00 59.5 20.2	-0.72 - 8.0	3.3/12.7	62540
2006 XG ₅₈	2009 10 16.0	01 23.78 +03 13.3 19.0	-0.99 - 3.5	2.5/14.5	62497
2003 FP ₁₀₄	2009 10 16.0	01 23.79 +12 00.3 19.6	-0.95 - 2.2	1.0/16.9	62370
2002 SV ₇₁	2009 10 16.0	01 23.79 -08 18.9 18.7	-0.88 - 5.8	7.8/10.6	62356
2005 WC ₁₇₇	2009 10 16.0	01 23.80 +04 23.1 20.6	-0.87 - 4.0	1.5/14.7	26107
2003 SX ₂₁₄	2009 10 16.0	01 23.80 +44 04.9 19.2	-0.97 - 3.6	9.5/29.3	59709
2007 FD ₃₄	2009 10 16.0	01 23.82 +09 45.3 21.3	-0.90 - 4.7	0.3/16.3	19466
2006 BV ₁₆₃	2009 10 16.0	01 23.82 +20 30.4 20.1	-0.81 - 3.5	3.3/19.6	62478
2002 CP ₄₁	2009 10 16.0	01 23.86 +18 36.8 19.5	-0.84 - 6.8	3.2/19.2	60758
2002 VB ₈₂	2009 10 16.0	01 23.87 +15 30.9 18.9	-0.88 -10.8	2.7/18.4	62362
2009 RC ₅₀	2009 10 16.0	01 23.88 +10 29.9 19.5	-1.10 - 3.1	0.8/16.5	62195

2008 EJ ₁₃₆	2009 10 16.0	01 23.88 +03 49.3 21.6	-0.98 - 5.2	1.8/14.6	56129
2002 SA ₃	2009 10 16.0	01 23.88 +24 36.5 18.5	-0.67 -24.4	6.7/23.2	61864
2003 DW ₇	2009 10 16.0	01 23.90 +07 44.2 20.5	-0.85 - 5.7	0.3/15.7	62368
2005 YF ₁₈₄	2009 10 16.0	01 23.91 -07 02.5 20.9	-0.75 - 4.9	4.6/10.9	40159
2005 VN ₆₁	2009 10 16.0	01 23.91 -19 16.3 19.3	-0.94 + 0.5	12.4/07.5	97967
2002 CJ ₂₈₀	2009 10 16.0	01 23.91 +20 29.7 21.0	-0.90 - 4.8	3.5/19.6	62342
2008 GE ₁₁₂	2009 10 16.0	01 23.91 -32 07.5 20.5	-1.19 + 5.5	13.0/08.6	41627
2001 YF ₁₃₇	2009 10 16.0	01 23.98 +32 36.9 17.8	-0.97 + 1.9	12.3/23.1	62336
2005 UP ₁₀₀	2009 10 16.0	01 23.99 +03 34.6 20.8	-0.85 - 6.2	1.9/14.4	18140
1997 WX ₁₀	2009 10 16.0	01 24.01 -00 38.3 20.3	-1.11 + 0.7	3.8/13.9	62293
2001 YU ₆₂	2009 10 16.0	01 24.01 +15 55.4 18.3	-0.91 - 3.7	3.2/18.1	62335
2009 RM ₂₅	2009 10 16.0	01 24.02 +10 59.6 18.8	-1.08 - 0.9	1.0/16.6	62184
2004 CP ₉₉	2009 10 16.0	01 24.03 +39 42.2 20.9	-1.49 + 1.7	11.1/23.8	04296
2005 WF ₄₆	2009 10 16.0	01 24.04 +08 33.4 18.5	-0.58 -16.5	0.1/16.0	61989
2006 XG ₆₉	2009 10 16.0	01 24.04 +19 25.4 19.9	-1.07 - 3.4	4.3/19.0	22866
2004 XZ ₁₄₂	2009 10 16.0	01 24.05 +09 40.1 18.9	-0.83 - 2.8	0.3/16.3	62415
2007 CU ₂₂	2009 10 16.0	01 24.05 +13 23.0 20.5	-0.98 - 5.5	1.7/17.4	62040
2003 GL ₃₄	2009 10 16.0	01 24.05 -00 52.7 21.0	-0.87 - 4.7	2.9/13.1	58450
2006 BB ₁₇	2009 10 16.0	01 24.07 -07 12.2 20.5	-0.73 - 4.1	4.4/11.0	02271
2008 EY ₂₀	2009 10 16.0	01 24.09 +12 51.4 19.6	-1.11 - 3.3	1.7/17.2	62526
2000 XO ₂₃	2009 10 16.0	01 24.09 +12 37.2 18.6	-1.02 - 0.2	1.5/17.0	62310
2007 GQ ₉	2009 10 16.0	01 24.10 +16 53.4 20.0	-0.83 - 3.1	2.1/18.5	62518
2004 TG ₁₀₆	2009 10 16.0	01 24.11 +03 49.0 19.0	-0.82 - 4.3	1.6/14.6	62405
2005 WA ₂₉	2009 10 16.0	01 24.13 +02 01.1 20.7	-0.91 - 2.8	2.5/14.2	62460
2005 UG ₅₁₀	2009 10 16.0	01 24.14 +03 15.4 20.2	-0.76 - 5.2	1.8/14.3	62455
2003 QA ₅₂	2009 10 16.0	01 24.15 +26 24.6 19.6	-1.00 - 1.2	5.6/21.2	31266
2006 XY ₅₉	2009 10 16.0	01 24.18 +04 36.2 20.6	-0.97 - 4.7	1.5/14.9	62497
2003 RM ₂₄	2009 10 16.1	01 24.09 +37 31.0 19.7	-1.23 + 1.5	9.0/24.2	62374
2003 KM ₁	2009 10 16.1	01 24.10 -02 38.0 20.3	-0.77 - 7.1	3.5/12.3	19601
2002 UX ₁₁	2009 10 16.1	01 24.10 +53 44.5 18.3	-1.24 - 4.6	19.3/08.4	59687
2005 YY ₈₆	2009 10 16.1	01 24.12 +05 17.5 21.0	-0.76 - 4.4	1.0/15.0	62470
2007 DQ ₁₀₅	2009 10 16.1	01 24.14 +04 59.2 20.8	-0.80 - 7.0	1.3/14.9	20545
2005 UB ₁₇₁	2009 10 16.1	01 24.14 +00 58.8 20.1	-1.06 + 0.3	3.2/14.3	97909
2007 HH ₄₁	2009 10 16.1	01 24.20 -00 38.2 22.0	-0.76 - 3.2	2.4/13.3	38131
1998 XM ₂₅	2009 10 16.1	01 24.24 +22 29.7 18.4	-0.62 -11.4	6.7/21.6	62296
2002 GO ₁₅₈	2009 10 16.1	01 24.25 -05 39.8 20.0	-0.85 - 1.4	4.3/12.2	89280
2004 RZ ₂₀	2009 10 16.1	01 24.25 +14 31.6 19.4	-0.88 - 3.8	2.1/17.8	62396
2007 ER ₅	2009 10 16.1	01 24.27 +08 50.5 19.5	-0.85 - 5.7	0.0/16.1	62509
2005 US ₄₁₅	2009 10 16.1	01 24.28 -00 08.3 21.2	-0.91 - 3.8	3.0/13.6	57027
2004 XE ₈	2009 10 16.1	01 24.29 -22 55.0 19.1	-0.94 + 0.9	10.8/06.7	74442
2004 XQ ₆₆	2009 10 16.1	01 24.31 -22 46.3 20.4	-0.77 - 1.5	7.5/05.8	00877
2006 BF ₂₇₄	2009 10 16.1	01 24.32 +15 10.6 19.5	-0.88 - 2.6	2.1/17.9	62479
2005 UR ₃₉₉	2009 10 16.1	01 24.34 +26 05.1 20.6	-0.98 -13.3	6.0/22.3	97947
2005 OT ₁₂	2009 10 16.1	01 24.35 +05 39.5 19.0	-0.90 - 2.9	1.5/15.3	62424
2005 OC ₁₅	2009 10 16.1	01 24.36 +04 30.1 19.3	-1.06 - 1.9	1.9/15.0	62424
2007 ES ₂₀₉	2009 10 16.1	01 24.37 +01 15.1 19.7	-0.85 - 1.7	2.3/14.1	20858
2005 SR ₃₃	2009 10 16.1	01 24.39 +00 35.0 19.9	-0.86 - 6.8	3.6/13.6	21827
2006 BX ₁₆₆	2009 10 16.1	01 24.39 -05 45.4 19.6	-0.73 - 6.0	4.6/11.3	20839
2005 YK ₈₂	2009 10 16.1	01 24.39 -11 33.6 19.7	-0.76 - 4.0	6.2/09.7	62001
2008 GX ₁₁	2009 10 16.1	01 24.42 +10 53.7 20.5	-0.92 - 7.6	0.7/16.8	62088
2004 PH ₆₁	2009 10 16.1	01 24.43 -03 41.7 19.7	-0.72 - 9.7	4.4/11.7	40126

2005 RL ₁₄	2009 10 16.1	01 24.46 +16 41.7 20.5	-1.04 - 3.2	3.2/18.3	62430
2002 FW ₄₀	2009 10 16.1	01 24.49 -13 53.0 19.4	-0.82 - 1.8	6.7/09.7	40674
2005 VH ₆₁	2009 10 16.1	01 24.49 +05 03.7 19.3	-0.85 - 6.9	1.5/15.0	62457
2004 PF ₈₇	2009 10 16.1	01 24.53 +13 06.7 19.2	-0.93 - 2.9	1.6/17.4	62395
2007 AU ₂₄	2009 10 16.1	01 24.56 +01 39.2 19.2	-0.96 - 5.1	3.3/14.1	62499
2006 DN ₁₆	2009 10 16.2	01 24.47 +15 59.5 19.9	-0.86 - 2.5	2.2/18.2	62480
2001 HC ₄₄	2009 10 16.2	01 24.49 +09 32.0 20.3	-0.95 - 8.3	0.2/16.4	62314
2000 CN ₁₂₂	2009 10 16.2	01 24.49 +04 37.1 20.3	-0.95 - 6.1	1.5/14.9	62302
2002 GQ ₁₀₅	2009 10 16.2	01 24.50 -03 36.6 20.6	-0.76 - 3.8	3.2/12.4	40104
2005 OV ₂₁	2009 10 16.2	01 24.50 +09 25.2 19.9	-0.99 - 5.6	0.2/16.4	62424
2008 JO ₁₂	2009 10 16.2	01 24.57 -10 23.0 19.8	-0.85 - 4.7	7.0/10.2	62538
2003 BC ₈₇	2009 10 16.2	01 24.58 -01 43.5 21.2	-0.85 - 6.3	3.6/12.9	62368
2004 EZ ₆₉	2009 10 16.2	01 24.59 +03 22.3 20.7	-0.92 - 8.0	2.1/14.5	62387
2008 JZ ₃₂	2009 10 16.2	01 24.64 -09 18.8 19.3	-0.71 - 8.1	6.3/09.8	62539
2009 SG ₁₃₂	2009 10 16.2	01 24.67 +07 15.2 20.4	-1.16 + 0.9	0.7/15.9	62221
2007 BD ₇₈	2009 10 16.2	01 24.68 +06 37.6 20.3	-0.86 - 5.8	0.8/15.5	62037
2006 AP ₈₀	2009 10 16.2	01 24.70 +09 16.2 19.8	-0.79 - 5.2	0.1/16.4	62475
2002 FY ₁₃	2009 10 16.2	01 24.73 +04 03.3 19.4	-0.83 - 5.1	1.7/14.8	62345
2003 BL ₃₁	2009 10 16.2	01 24.74 +03 07.0 20.3	-0.85 - 5.7	1.7/14.5	60782
2001 YN ₁₂₆	2009 10 16.2	01 24.77 -28 04.3 20.1	-1.06 + 0.8	13.0/04.7	17984
2005 YK ₂₈₃	2009 10 16.2	01 24.77 -04 29.6 19.4	-0.76 - 5.8	4.5/11.9	62473
2005 UB ₁₀₄	2009 10 16.2	01 24.80 +07 20.2 19.9	-0.82 - 7.0	0.6/15.8	61961
2007 DP ₈	2009 10 16.2	01 24.81 +14 41.9 21.4	-0.98 - 6.0	2.1/18.0	18201
2005 SB ₂₁₇	2009 10 16.2	01 24.84 +02 15.9 19.0	-0.88 - 5.3	2.6/14.3	62437
2006 YC ₃₈	2009 10 16.2	01 24.84 +24 47.2 21.3	-0.99 - 3.7	4.9/21.1	62498
2005 UD ₁₁₁	2009 10 16.2	01 24.86 +07 47.2 20.0	-0.92 - 3.3	0.4/16.0	20820
2003 SB ₄₀₄	2009 10 16.2	01 24.89 +33 42.5 20.2	-0.78 - 6.3	5.8/25.3	60347
2006 UT ₄₅	2009 10 16.2	01 24.90 +06 31.5 18.8	-0.91 - 7.0	1.2/15.5	62489
2001 WA ₁₀₁	2009 10 16.3	01 24.84 -01 10.2 19.4	-0.90 - 0.8	4.9/13.6	94317
2005 RO ₉	2009 10 16.3	01 24.86 +15 17.1 19.1	-0.87 - 8.0	2.7/18.4	62430
2007 EV ₆₅	2009 10 16.3	01 24.86 +05 37.0 19.7	-0.87 - 3.5	1.1/15.4	62511
2007 EL ₂₈	2009 10 16.3	01 24.86 -00 40.5 21.1	-0.81 - 9.0	3.2/13.0	62510
2005 SS ₆₁	2009 10 16.3	01 24.90 +07 07.9 19.9	-0.83 - 6.2	0.8/15.7	62432
2000 SG ₂₅₁	2009 10 16.3	01 24.91 +04 21.4 18.6	-0.95 - 1.4	1.8/15.1	62308
2003 DL ₂₂	2009 10 16.3	01 24.92 -09 26.2 20.9	-0.83 - 5.4	5.7/10.5	22431
2000 GQ ₁₅₅	2009 10 16.3	01 24.94 +04 29.0 20.9	-0.93 - 5.0	1.5/15.0	62305
2005 YA ₂₅	2009 10 16.3	01 24.96 +02 11.0 21.2	-0.76 - 4.6	2.0/14.2	20829
2006 WE ₅₇	2009 10 16.3	01 24.98 +24 09.5 20.5	-0.93 - 3.8	4.3/20.9	62494
2008 FC ₁₀₁	2009 10 16.3	01 24.99 -02 25.6 19.2	-0.83 - 9.0	4.9/12.5	62531
2005 WM ₁₀₈	2009 10 16.3	01 25.00 +03 03.4 19.8	-0.89 - 3.8	2.3/14.6	57433
2002 GR ₁₈₄	2009 10 16.3	01 25.01 +11 12.3 19.2	-0.71 - 8.9	0.8/17.1	61848
2003 SE ₃	2009 10 16.3	01 25.01 +18 10.3 18.9	-0.88 - 1.5	2.9/18.9	62375
2004 RF ₁₁₆	2009 10 16.3	01 25.03 +12 29.8 20.4	-0.86 - 4.7	1.2/17.4	62398
2008 HO ₅	2009 10 16.3	01 25.08 +09 36.8 20.8	-0.95 - 6.5	0.2/16.6	62536
2005 UC ₄₁₈	2009 10 16.3	01 25.09 +02 43.8 20.3	-0.89 - 4.6	2.1/14.5	62454
2002 NQ ₃₉	2009 10 16.3	01 25.09 +02 47.5 20.3	-0.89 - 9.7	2.8/14.3	62349
2003 BO ₁₄	2009 10 16.3	01 25.09 -07 03.8 19.8	-0.85 - 6.2	5.2/11.2	40112
2007 BS ₁₆	2009 10 16.3	01 25.11 +04 53.8 19.9	-0.98 - 5.0	1.6/15.2	62500
2005 YT ₅₇	2009 10 16.3	01 25.11 +13 21.8 20.4	-0.85 - 4.7	1.7/17.7	62469
2005 MW ₅₃	2009 10 16.3	01 25.12 +05 41.1 20.2	-0.95 - 6.5	1.3/15.4	62422
2005 EH ₁₅₃	2009 10 16.3	01 25.17 -04 45.7 18.6	-1.72 +10.5	7.3/14.9	41174

2003 SA ₁₀₅	2009 10 16.3	01 25.18 +15 34.5 19.3	-0.71 - 8.5	1.8/18.7	62376
2007 FT ₄₄	2009 10 16.3	01 25.22 +05 47.5 18.6	-0.87 - 1.6	1.0/15.5	62517
2007 GV ₁₈	2009 10 16.3	01 25.25 +12 51.8 19.9	-0.71 - 6.4	1.1/17.7	62518
2008 HO ₃₅	2009 10 16.3	01 25.28 -09 07.8 21.8	-1.00 - 2.1	6.2/11.6	40768
2008 JB ₁₅	2009 10 16.4	01 25.22 +02 48.8 20.3	-0.87 - 6.3	2.2/14.5	62094
2005 UO ₃₈₃	2009 10 16.4	01 25.26 +06 57.6 19.9	-0.82 - 8.3	0.7/15.7	62453
2003 FJ ₃₈	2009 10 16.4	01 25.27 +15 11.6 20.9	-0.53 - 2.5	1.1/18.4	62370
2003 QR ₅₇	2009 10 16.4	01 25.28 -05 48.4 19.8	-0.69 - 7.3	4.2/11.3	20782
2002 JS ₉₈	2009 10 16.4	01 25.34 +19 04.3 18.9	-0.78 - 5.6	3.0/20.0	62348
2006 XF ₆₃	2009 10 16.4	01 25.39 +00 11.7 19.6	-0.97 - 3.8	4.4/13.9	14822
2006 QM ₁₃₂	2009 10 16.4	01 25.41 +22 05.8 19.3	-1.72 + 3.6	6.1/18.8	62485
2005 UV ₁₅₅	2009 10 16.4	01 25.50 -06 42.0 19.2	-0.87 - 0.4	7.7/12.2	62447
2004 RV ₁₁₇	2009 10 16.4	01 25.52 +05 17.5 21.0	-0.81 - 5.8	1.2/15.3	22486
1999 CV ₁₂	2009 10 16.4	01 25.53 -07 21.6 19.8	-0.81 - 8.9	5.5/10.8	54047
2002 JK ₉₃	2009 10 16.4	01 25.55 -01 28.9 19.6	-0.84 - 2.2	3.1/13.5	19580
2005 UH ₁₁₂	2009 10 16.4	01 25.55 +09 51.0 19.2	-0.91 - 3.8	0.4/16.7	62446
2001 SZ ₈₉	2009 10 16.4	01 25.57 +13 16.9 19.4	-0.91 - 4.6	1.9/17.8	62318
2005 WZ ₉	2009 10 16.4	01 25.59 +24 38.5 19.2	-0.86 - 7.9	5.8/21.9	62459
2005 AD ₁₀	2009 10 16.4	01 25.59 +43 32.7 19.6	-1.47 - 2.9	14.9/27.9	62416
2000 QB ₂₁₄	2009 10 16.4	01 25.61 +21 44.4 19.3	-1.12 + 0.7	5.1/19.6	60730
2004 RF ₂₀₉	2009 10 16.4	01 25.62 +23 25.2 18.2	-0.80 - 8.7	5.3/21.7	62400
2003 QS ₆	2009 10 16.4	01 25.64 +25 50.0 20.2	-0.92 - 2.9	4.8/21.7	19602
2008 GN ₁₃₆	2009 10 16.4	01 25.65 +00 53.6 20.0	-0.78 -11.4	3.1/13.6	62536
2004 OY ₉	2009 10 16.4	01 25.67 +08 55.1 20.4	-0.92 - 3.9	0.0/16.5	62394
2004 VP ₆₀	2009 10 16.5	01 25.58 +17 23.0 18.9	-0.75 - 7.4	2.9/19.4	62412
2005 QT ₆₅	2009 10 16.5	01 25.59 +16 19.6 19.9	-1.01 - 6.3	2.8/18.8	61928
2007 EO ₄₈	2009 10 16.5	01 25.60 +03 38.3 19.8	-0.82 - 4.6	1.8/14.9	43275
2005 UF ₁₀₃	2009 10 16.5	01 25.64 +10 59.0 18.8	-0.84 - 8.7	0.8/17.2	62446
2005 UO ₆₇	2009 10 16.5	01 25.65 +01 26.5 19.4	-0.85 - 6.7	3.0/14.1	62445
2008 AO ₆₉	2009 10 16.5	01 25.65 +12 41.9 20.8	-1.20 - 6.4	1.6/17.6	62522
2008 EZ ₁₆	2009 10 16.5	01 25.66 +07 48.3 20.7	-0.97 - 6.2	0.4/16.2	39293
2007 FR ₄₂	2009 10 16.5	01 25.66 -25 04.5 21.9	-0.70 - 5.1	7.5/04.3	50031
2005 OZ ₁₈	2009 10 16.5	01 25.69 +00 07.8 20.1	-0.90 - 6.9	3.5/13.8	62424
2007 GQ ₅₈	2009 10 16.5	01 25.71 +11 46.5 19.6	-0.93 - 2.8	1.0/17.3	62519
2005 XY ₄₈	2009 10 16.5	01 25.71 +18 03.5 19.4	-0.89 - 4.4	3.2/19.3	62466
2008 JH ₃₁	2009 10 16.5	01 25.71 +00 42.5 20.4	-0.98 - 4.6	3.1/14.2	62539
2003 SO ₁₂₁	2009 10 16.5	01 25.74 +07 10.8 20.3	-0.71 - 6.6	0.5/15.9	62376
2007 AE ₃₁	2009 10 16.5	01 25.75 +25 40.5 20.2	-1.05 - 2.7	6.1/21.5	62032
2008 RX ₁₂₆	2009 10 16.5	01 25.77 +07 21.3 20.2	-0.49 - 4.2	0.3/16.0	62542
2001 US ₁₆₉	2009 10 16.5	01 25.83 +19 27.8 19.1	-0.66 - 4.1	2.5/20.0	62325
2008 HF ₄₇	2009 10 16.5	01 25.83 +14 01.7 20.0	-0.92 - 7.2	1.8/18.1	62537
2005 VN ₄₂	2009 10 16.5	01 25.84 -11 42.0 19.4	-1.05 + 0.7	9.0/11.1	97965
2007 EL ₁₂₆	2009 10 16.5	01 25.84 +15 21.9 21.3	-1.05 - 4.4	2.6/18.3	18234
2004 TT ₁₁₄	2009 10 16.5	01 25.85 +10 29.2 20.2	-0.81 - 4.8	0.5/17.0	62406
2002 CH ₇₃	2009 10 16.5	01 25.86 +12 53.1 19.2	-0.92 - 3.9	1.5/17.7	62340
2007 EH ₂₁₇	2009 10 16.5	01 25.86 +14 10.9 19.6	-0.93 - 3.1	1.9/18.0	62060
2002 TF ₃₁₈	2009 10 16.5	01 25.87 +11 57.4 20.8	-0.98 - 7.4	1.1/17.5	40109
2006 BB ₁₂₄	2009 10 16.5	01 25.87 +22 10.6 19.9	-0.87 - 2.6	3.9/20.4	02277
2005 UX ₂₁₇	2009 10 16.5	01 25.93 +05 09.8 18.0	-0.93 + 1.9	2.0/15.7	62449
2003 KT	2009 10 16.5	01 26.02 +18 54.4 20.6	-0.90 - 3.5	2.6/19.5	18054
2007 EK ₃₁	2009 10 16.5	01 26.03 +07 37.4 20.9	-0.83 - 4.4	0.4/16.2	59790

2003 KQ ₇	2009 10 16.5	01 26.03 +27 11.6 19.6	-0.82 - 6.8	5.1/22.9	62372
2004 PH ₈₂	2009 10 16.6	01 25.97 +11 24.8 19.5	-0.90 - 3.5	0.9/17.3	62395
2000 YD ₃	2009 10 16.6	01 25.97 +05 06.8 20.1	-0.83 - 4.2	1.3/15.4	62311
2004 TO ₁₃₃	2009 10 16.6	01 25.97 -08 12.9 18.4	-1.05 + 3.0	6.4/13.0	62406
2005 YQ ₁₁₉	2009 10 16.6	01 25.99 -04 26.3 21.4	-0.74 - 4.3	3.7/12.4	40412
2002 QG ₇₁	2009 10 16.6	01 26.01 +02 21.4 20.1	-1.02 - 5.0	2.6/14.7	62352
2003 QB ₇	2009 10 16.6	01 26.01 +13 20.4 19.1	-0.80 - 3.8	1.5/17.9	61879
2006 AE ₄₇	2009 10 16.6	01 26.04 +15 35.8 19.6	-0.88 - 3.5	2.2/18.5	62474
2007 VC ₆	2009 10 16.6	01 26.04 +10 39.3 20.1	-0.50 - 3.6	0.3/17.2	62522
2008 EN ₁₁₅	2009 10 16.6	01 26.09 +16 00.1 20.6	-0.99 - 6.7	2.7/18.8	62081
2002 ES ₉₂	2009 10 16.6	01 26.11 +16 31.0 20.7	-0.90 - 3.3	2.2/18.8	62344
2002 GJ ₁₆₂	2009 10 16.6	01 26.12 +06 19.4 19.8	-0.78 - 4.9	0.8/15.8	62347
2009 SO ₆₁	2009 10 16.6	01 26.15 +15 24.2 19.9	-0.86 - 5.6	2.3/18.6	62210
2007 HG ₄₆	2009 10 16.6	01 26.16 -11 36.9 20.2	-0.82 - 5.2	6.2/09.9	22889
2002 XW ₆	2009 10 16.6	01 26.18 -09 07.9 19.7	-0.97 - 4.6	6.7/11.0	18030
2005 YH ₃₂	2009 10 16.6	01 26.20 +22 23.8 21.3	-0.81 - 3.9	3.6/20.9	40698
2004 QK ₂₇	2009 10 16.6	01 26.22 +25 03.7 19.2	-1.09 - 0.3	6.1/20.9	62396
2004 TV ₃₁₇	2009 10 16.6	01 26.26 +14 01.7 19.0	-0.75 - 8.4	1.6/18.4	62410
2008 JA ₁₈	2009 10 16.6	01 26.26 -01 13.2 20.0	-1.00 - 6.0	4.1/13.6	40614
2007 ED ₉₇	2009 10 16.6	01 26.28 +10 00.2 20.4	-0.76 - 5.1	0.3/17.0	62512
2008 GP ₁₀₂	2009 10 16.6	01 26.30 +06 21.8 19.3	-0.85 - 7.6	0.9/15.8	62535
2007 CL ₁₄	2009 10 16.6	01 26.31 +11 57.9 20.6	-0.98 - 5.7	1.2/17.5	19697
2005 UB ₂₀₀	2009 10 16.6	01 26.31 +09 38.2 20.5	-0.86 - 6.5	0.2/16.9	62449
2007 EF ₁₂₈	2009 10 16.6	01 26.33 +13 32.6 19.3	-0.92 - 3.4	1.8/18.0	62513
2004 HY ₄₀	2009 10 16.6	01 26.34 +11 33.5 20.0	-0.63 - 0.6	0.5/17.4	61891
1994 VB ₅	2009 10 16.6	01 26.36 +13 52.1 20.0	-0.80 - 5.8	1.6/18.2	62291
2006 HV ₃₃	2009 10 16.6	01 26.37 +05 17.0 21.7	-0.62 - 2.6	0.8/15.5	56043
2006 WA ₂₁	2009 10 16.6	01 26.41 +00 59.9 20.0	-0.99 - 5.7	3.1/14.3	62494
2002 GP ₁₃₈	2009 10 16.7	01 26.36 -00 18.5 20.3	-0.89 - 1.4	2.9/14.2	18009
2005 UV ₃₄₂	2009 10 16.7	01 26.42 +22 19.4 19.1	-1.21 + 1.0	5.4/20.0	62452
2002 EC ₁₀₀	2009 10 16.7	01 26.43 +15 53.0 19.7	-0.84 - 6.5	2.3/18.9	62344
2008 JV ₁₅	2009 10 16.7	01 26.44 +07 04.8 19.1	-0.98 - 2.9	0.9/16.2	62538
2001 FW ₁₂	2009 10 16.7	01 26.45 +11 37.6 19.6	-0.87 - 2.3	0.8/17.4	62313
2007 CH ₄₇	2009 10 16.7	01 26.47 +21 14.3 20.4	-0.91 - 4.1	3.6/20.4	22874
2009 SE ₆₁	2009 10 16.7	01 26.49 +15 25.0 19.1	-0.84 - 7.0	3.0/18.8	62209
2000 YW ₁₃₂	2009 10 16.7	01 26.51 +18 05.8 19.6	-1.09 - 5.1	3.8/19.3	62311
2005 WN ₁₁₉	2009 10 16.7	01 26.54 -09 08.4 19.3	-1.08 + 1.0	7.7/12.2	96532
2001 YN ₁₂₂	2009 10 16.7	01 26.57 +11 30.3 18.4	-1.04 - 3.1	1.0/17.4	62335
2005 YJ ₂₉	2009 10 16.7	01 26.57 -13 07.5 20.6	-0.80 - 3.4	6.6/09.8	98037
2002 CK ₁₈₃	2009 10 16.7	01 26.57 +00 36.3 19.8	-0.50 - 3.1	1.5/14.0	62341
2008 EM ₁₆	2009 10 16.7	01 26.61 +11 01.1 21.1	-1.07 - 5.1	0.7/17.3	41500
2008 LC ₇	2009 10 16.7	01 26.64 +00 39.5 21.2	-0.80 - 7.0	2.7/14.0	40777
2005 QM ₈₅	2009 10 16.7	01 26.64 -00 44.5 19.7	-0.83 - 9.3	3.9/13.4	62427
2007 BE ₁₄	2009 10 16.7	01 26.67 +15 00.1 20.0	-1.02 - 4.3	2.5/18.4	62500
2005 EY ₂₃₅	2009 10 16.7	01 26.68 +08 51.2 21.3	-0.61 - 3.2	0.1/16.7	62418
2006 BC ₁₈₄	2009 10 16.7	01 26.70 +05 57.2 21.0	-0.77 - 4.2	0.9/15.8	20839
2005 YX ₁₉₀	2009 10 16.7	01 26.71 -09 51.6 20.8	-0.73 - 3.6	5.0/10.9	40159
2001 FM ₁₄₅	2009 10 16.7	01 26.72 -05 27.5 20.0	-0.76 - 4.1	4.1/12.2	21304
2006 BV ₄₄	2009 10 16.7	01 26.72 -08 27.9 20.0	-0.77 - 2.8	4.9/11.5	60859
2000 SF ₂₅₂	2009 10 16.7	01 26.73 -00 38.9 18.8	-0.87 - 3.3	3.8/14.0	62308
2005 QY ₄₆	2009 10 16.7	01 26.74 +12 35.6 19.6	-1.05 - 3.1	1.3/17.7	62427

2008 EV ₁₃₁	2009 10 16.7	01 26.75 +09 52.8 19.7	-1.15 - 2.7	0.3/17.0	62528
2007 EB ₂₁₇	2009 10 16.7	01 26.77 +16 32.1 20.2	-1.00 - 1.8	2.9/18.8	62516
2005 UR ₁₈₁	2009 10 16.7	01 26.78 +03 52.4 20.3	-0.89 - 4.2	1.8/15.3	62448
2004 TU ₂₈₃	2009 10 16.8	01 26.73 +08 48.8 19.8	-0.84 - 4.0	0.1/16.7	62409
2008 EJ ₁₂₂	2009 10 16.8	01 26.75 +08 51.4 20.3	-0.95 - 6.5	0.1/16.7	62528
1999 VZ ₁₀₆	2009 10 16.8	01 26.76 -01 49.7 19.7	-1.06 - 2.0	4.9/14.0	55911
2005 TM ₅₁	2009 10 16.8	01 26.76 -01 26.8 19.3	-0.82 - 0.1	5.5/14.1	62440
2005 WR ₁₇₄	2009 10 16.8	01 26.77 +29 06.5 19.8	-0.89 - 6.0	6.6/23.7	01153
2000 CD ₈₈	2009 10 16.8	01 26.79 -13 26.1 18.9	-0.70 - 6.8	6.7/08.6	62302
2002 BU ₂₁	2009 10 16.8	01 26.79 -35 20.2 19.7	-1.02 - 0.7	13.0/30.3	21311
2007 HQ ₆	2009 10 16.8	01 26.81 +06 58.5 20.7	-0.75 - 5.4	0.6/16.1	20629
2007 EZ ₆₆	2009 10 16.8	01 26.83 +06 57.0 20.6	-0.83 - 4.2	0.7/16.2	62511
2002 WD ₂₉	2009 10 16.8	01 26.83 +09 55.3 19.5	-0.87 - 8.6	0.4/17.1	61874
2001 TL ₉₀	2009 10 16.8	01 26.84 +20 44.4 19.6	-1.88 +10.8	6.3/18.0	62322
2004 DX ₂₆	2009 10 16.8	01 26.85 +08 55.3 20.6	-0.98 - 5.0	0.1/16.8	62385
2005 YX ₂₂₁	2009 10 16.8	01 26.86 +00 27.0 19.7	-0.88 - 3.4	3.2/14.3	22806
2007 ER ₄₁	2009 10 16.8	01 26.86 +17 12.6 20.7	-1.03 - 4.5	3.4/19.1	62051
2008 JA ₂₆	2009 10 16.8	01 26.87 +08 21.1 21.4	-0.95 - 5.8	0.3/16.6	55494
2008 FP ₄₀	2009 10 16.8	01 26.87 +04 30.6 19.7	-1.08 - 2.7	1.9/15.6	39017
2007 DY ₇₂	2009 10 16.8	01 26.87 +11 04.4 20.8	-0.87 - 3.9	0.6/17.4	17768
2007 BF ₉	2009 10 16.8	01 26.87 -07 02.5 20.1	-0.91 - 3.1	5.1/12.2	22869
2005 YJ ₂₀₉	2009 10 16.8	01 26.90 +32 50.6 19.8	-1.07 - 2.1	8.2/23.6	02267
2006 AY ₅₆	2009 10 16.8	01 26.90 +15 55.1 19.8	-0.84 - 3.9	3.2/18.9	62006
2001 YT ₈₁	2009 10 16.8	01 26.91 -10 10.5 18.5	-0.89 - 2.2	7.9/11.2	62335
2005 YW ₂₃	2009 10 16.8	01 26.91 +03 45.3 20.8	-0.81 - 4.6	1.8/15.2	56037
2007 GT ₁₄	2009 10 16.8	01 26.94 +08 09.2 20.0	-0.93 - 2.7	0.3/16.6	62062
2001 FB ₁₁₂	2009 10 16.8	01 26.95 +06 24.2 19.7	-0.83 - 2.2	0.8/16.1	62313
2007 HL ₂₈	2009 10 16.8	01 26.96 -02 39.3 19.9	-0.73 - 6.5	3.4/12.9	41873
2009 SQ ₁₁₀	2009 10 16.8	01 26.97 +20 58.7 18.6	-1.07 + 1.1	4.4/20.0	62215
2007 EZ ₁₄₁	2009 10 16.8	01 26.98 +06 16.1 20.8	-0.80 - 7.8	0.9/15.9	20856
2003 DN ₇	2009 10 16.8	01 27.01 +02 34.8 18.9	-0.91 - 5.3	2.8/14.9	62368
2007 EW ₁₀₂	2009 10 16.8	01 27.03 +00 56.1 19.8	-0.82 - 4.5	3.0/14.4	62512
2004 RM ₃₅	2009 10 16.8	01 27.04 +09 58.9 19.0	-0.90 - 2.9	0.3/17.1	62397
2004 PW ₇₄	2009 10 16.8	01 27.06 +09 44.2 18.5	-0.79 - 6.9	0.2/17.1	62395
2007 DC ₇₈	2009 10 16.8	01 27.10 +27 21.0 20.1	-0.92 - 5.8	5.3/22.9	62507
2002 TK ₂₈₃	2009 10 16.8	01 27.10 +13 59.5 18.5	-1.08 - 1.2	2.3/18.1	62359
2005 YB ₈₀	2009 10 16.8	01 27.10 +22 11.2 20.2	-0.83 - 4.5	3.8/21.0	62469
2005 UD ₁₆₄	2009 10 16.8	01 27.12 +12 49.6 20.0	-0.91 - 5.8	1.2/18.0	62448
2009 SF ₁₀₄	2009 10 16.9	01 27.08 +02 00.3 19.4	-1.01 - 4.4	3.0/14.9	62214
2002 VV ₁₁₅	2009 10 16.9	01 27.11 +21 01.8 19.1	-1.01 - 4.7	5.4/20.5	39178
2004 TT ₂₈₅	2009 10 16.9	01 27.12 +12 58.2 18.3	-0.96 - 0.3	1.4/17.9	62409
2002 NO ₂₂	2009 10 16.9	01 27.15 +19 42.3 19.0	-1.02 - 6.8	4.9/20.3	62349
2004 TS ₃₃₃	2009 10 16.9	01 27.15 +10 03.5 20.0	-0.76 - 5.5	0.3/17.2	62410
2003 SV ₄₂₄	2009 10 16.9	01 27.16 +23 07.9 20.8	-0.95 - 0.8	4.0/20.7	62378
2001 XG ₁₅	2009 10 16.9	01 27.21 +30 08.5 18.8	-1.14 - 0.3	8.1/22.4	62330
2001 KX ₁₇	2009 10 16.9	01 27.21 +05 50.7 21.0	-0.93 - 7.8	1.2/15.9	62314
2007 DN ₆₁	2009 10 16.9	01 27.22 -01 49.1 20.4	-1.27 + 0.9	4.1/14.5	19705
2004 RF ₁₉	2009 10 16.9	01 27.22 -00 06.2 18.9	-0.82 - 5.0	3.4/14.1	62396
2005 YA ₈₃	2009 10 16.9	01 27.22 +11 55.7 20.0	-0.85 - 5.4	1.0/17.8	62469
2003 HM ₅₄	2009 10 16.9	01 27.25 +10 17.3 20.2	-1.01 - 1.2	0.4/17.2	62372
2006 BL ₁₇₈	2009 10 16.9	01 27.25 -06 01.6 21.6	-0.76 - 4.6	4.5/12.1	26128

2009 SF ₁₃₂	2009 10 16.9	01 27.27 +06 59.1 20.1	-0.97 - 0.2	0.8/16.4	62221
2000 ER ₄₄	2009 10 16.9	01 27.29 +15 48.1 19.4	-1.04 - 3.8	2.3/18.8	60728
2007 ET ₅₂	2009 10 16.9	01 27.30 +11 58.4 20.8	-0.90 - 5.2	0.9/17.8	62511
2004 PK ₇₃	2009 10 16.9	01 27.33 +25 27.3 20.0	-1.00 - 3.2	5.5/21.8	37356
2004 MA ₆	2009 10 16.9	01 27.34 +04 52.5 20.3	-1.08 - 0.3	1.5/16.0	59091
2002 TJ ₁₂₂	2009 10 16.9	01 27.34 -03 21.5 19.7	-1.02 - 3.6	5.0/13.6	58439
2007 BA ₄₂	2009 10 16.9	01 27.35 -01 50.3 20.0	-0.89 - 6.3	3.9/13.5	22871
2002 JA ₁₀₄	2009 10 16.9	01 27.36 -05 33.2 19.6	-0.82 - 1.9	4.5/12.8	19581
2005 WY ₁₀₅	2009 10 16.9	01 27.40 +08 11.7 17.5	-0.59 -16.0	0.4/16.6	62462
2005 UZ ₁₈₅	2009 10 16.9	01 27.43 +04 04.8 20.2	-0.90 - 3.7	1.8/15.5	62448
2004 SP ₁₁	2009 10 16.9	01 27.46 -05 22.4 18.1	-1.00 + 2.1	6.0/13.7	62402
2004 EH ₅	2009 10 16.9	01 27.46 +13 21.8 19.1	-1.06 - 2.8	1.7/18.1	62386
2009 RO ₂₇	2009 10 16.9	01 27.46 +15 29.8 19.8	-1.02 - 3.2	3.1/18.7	62186
2007 DO ₁₁₅	2009 10 16.9	01 27.49 +08 08.3 20.0	-0.84 - 5.3	0.4/16.7	62049
2002 EU ₇	2009 10 16.9	01 27.52 +18 54.4 19.0	-1.14 + 1.9	4.4/19.1	62343
2004 XM ₁₆	2009 10 16.9	01 27.56 +43 39.0 19.1	-1.32 - 7.9	14.4/30.0	39212
2005 YB ₃₂	2009 10 17.0	01 27.47 +14 51.8 19.5	-0.85 - 4.0	2.3/18.7	62000
2006 BT ₅₂	2009 10 17.0	01 27.47 +04 02.6 21.5	-0.72 - 4.3	1.4/15.4	20836
2001 XY ₂₃₀	2009 10 17.0	01 27.48 +13 26.8 19.7	-0.91 - 4.8	1.5/18.3	62334
2009 SC ₁₂₉	2009 10 17.0	01 27.48 +05 27.3 20.4	-0.83 - 7.4	1.2/15.8	62220
2008 CW ₁₉₀	2009 10 17.0	01 27.49 +41 26.9 20.4	-1.78 + 3.7	15.7/24.7	40195
2009 SN ₁₄₃	2009 10 17.0	01 27.54 +09 08.1 19.9	-0.71 - 6.1	0.0/17.0	62223
2000 WU ₁₄₆	2009 10 17.0	01 27.56 -15 11.5 18.4	-0.79 - 3.9	9.7/08.9	62310
2005 YG ₁₅₅	2009 10 17.0	01 27.56 +28 55.3 19.0	-0.96 - 3.2	7.7/23.1	62471
2001 DN ₆₀	2009 10 17.0	01 27.57 +14 54.0 20.0	-0.54 - 2.9	1.1/18.9	62312
2004 XS ₁₂₅	2009 10 17.0	01 27.59 +21 37.9 18.3	-1.00 + 1.0	4.7/20.0	62415
2002 OZ ₂₇	2009 10 17.0	01 27.59 +12 38.7 20.7	-1.02 - 7.4	1.4/18.1	62350
2001 TR ₁₇₆	2009 10 17.0	01 27.62 +10 28.3 19.9	-0.94 - 4.5	0.5/17.4	62323
2003 BW ₅₁	2009 10 17.0	01 27.62 +21 17.2 18.4	-1.00 - 2.2	5.6/20.4	62367
2008 DY ₄₇	2009 10 17.0	01 27.65 +04 16.7 19.5	-0.96 - 6.3	2.1/15.6	62525
2002 RY ₂₆₇	2009 10 17.0	01 27.65 +04 04.7 19.9	-0.89 - 9.7	2.1/15.3	62355
2005 UD ₂₃₂	2009 10 17.0	01 27.66 +14 52.7 20.5	-0.81 - 9.8	2.1/19.0	61970
2006 VA ₅₉	2009 10 17.0	01 27.66 +12 38.2 18.8	-0.94 -10.8	1.6/18.2	62023
2005 WT ₄₇	2009 10 17.0	01 27.68 +09 56.9 20.7	-0.87 - 4.8	0.3/17.3	62461
2002 QO ₁₃₁	2009 10 17.0	01 27.68 +15 12.1 20.7	-1.13 - 4.0	2.5/18.7	55078
2008 ET ₁₅₅	2009 10 17.0	01 27.71 +00 54.9 21.0	-0.90 - 7.0	2.9/14.5	41534
2001 YL ₂₇	2009 10 17.0	01 27.71 +04 12.6 19.4	-0.92 - 3.5	1.9/15.7	62334
2001 XP ₁₈₂	2009 10 17.0	01 27.72 -18 12.2 18.9	-0.83 - 2.9	11.6/07.9	62333
2004 RT ₁₇₄	2009 10 17.0	01 27.76 +03 13.9 20.2	-0.79 - 7.2	1.9/15.1	62399
2005 UY ₄₉₇	2009 10 17.0	01 27.76 +00 21.8 19.7	-0.87 - 5.0	3.0/14.4	62455
2005 UE ₁₁₆	2009 10 17.0	01 27.77 +10 14.9 18.9	-0.99 - 3.1	0.5/17.4	62446
2005 YD ₁₄₂	2009 10 17.0	01 27.77 +09 33.2 19.4	-0.90 - 3.9	0.1/17.2	62471
2007 EG ₁₃₉	2009 10 17.0	01 27.79 +06 35.9 19.7	-0.90 - 2.9	1.0/16.3	62514
2004 LE ₂₆	2009 10 17.0	01 27.80 -01 38.9 20.1	-0.89 - 5.3	3.7/13.9	58479
2004 XD ₈₄	2009 10 17.0	01 27.85 +33 45.0 18.6	-0.86 - 4.5	8.3/25.4	62415
2008 EV ₁₈	2009 10 17.0	01 27.86 +17 31.2 20.2	-1.13 - 5.5	3.3/19.5	62526
2001 XP ₂₅₉	2009 10 17.0	01 27.87 -01 53.2 19.6	-0.91 - 4.5	4.9/13.7	97533
2004 DC ₇	2009 10 17.0	01 27.91 +19 06.2 19.6	-1.06 - 4.2	3.7/20.0	40684
2007 DY ₅₉	2009 10 17.1	01 27.83 +01 20.0 20.8	-0.76 - 7.0	2.1/14.5	62507
2002 MT ₅	2009 10 17.1	01 27.89 +19 25.2 19.5	-0.88 -11.5	4.7/20.8	62349
2005 OQ ₅	2009 10 17.1	01 27.90 +04 10.3 20.0	-0.96 - 5.9	2.0/15.6	61923

2006 BD ₂₈₀	2009 10 17.1	01 27.91 +05 48.4 19.2	-0.79 - 3.7	1.2/16.1	62479
2003 FS ₁₉	2009 10 17.1	01 27.93 -07 13.2 20.1	-0.85 - 4.4	5.3/12.2	59696
2005 YQ ₁₇	2009 10 17.1	01 27.93 -01 06.9 19.9	-0.86 - 4.3	4.1/14.0	98034
2008 FQ ₅₃	2009 10 17.1	01 27.95 +06 51.8 20.9	-0.96 - 5.5	0.9/16.4	62530
2002 VJ ₈₆	2009 10 17.1	01 27.96 +13 28.3 19.0	-0.96 - 5.6	1.9/18.4	62362
2008 FT ₉₄	2009 10 17.1	01 28.01 +03 04.8 19.9	-0.88 - 6.2	2.3/15.3	62531
2000 SJ ₂₉₉	2009 10 17.1	01 28.01 +16 59.7 19.0	-0.90 - 4.4	2.9/19.5	62308
2004 FX ₁₀₉	2009 10 17.1	01 28.04 +08 55.9 20.5	-0.99 - 5.8	0.1/17.1	62389
2004 PJ ₇₀	2009 10 17.1	01 28.08 +09 47.2 19.1	-0.78 - 7.1	0.2/17.3	62395
2004 FD ₂₉	2009 10 17.1	01 28.09 +03 31.0 20.4	-1.02 - 3.3	2.1/15.6	87623
1995 VU ₉	2009 10 17.1	01 28.09 +07 11.6 19.9	-0.95 - 2.1	0.7/16.6	62292
2008 EL ₁₁₇	2009 10 17.1	01 28.09 +07 29.7 21.4	-1.01 - 4.7	0.6/16.7	40201
2006 WX ₁₉₈	2009 10 17.1	01 28.12 +10 14.9 20.9	-0.97 - 4.7	0.4/17.5	62495
2000 KR ₇₃	2009 10 17.1	01 28.14 +04 41.0 19.2	-0.86 - 9.8	1.6/15.6	62305
2004 PE ₂₈	2009 10 17.1	01 28.14 +19 09.9 18.3	-0.74 - 7.5	4.2/20.6	62394
2005 UF ₂₃	2009 10 17.1	01 28.17 +12 22.6 20.2	-0.88 - 6.2	1.1/18.1	62443
2005 YP ₂₀₀	2009 10 17.1	01 28.17 +04 06.3 20.8	-0.79 - 4.6	1.6/15.6	62472
2001 YR ₅₃	2009 10 17.1	01 28.23 +16 33.7 18.8	-0.92 - 5.4	2.9/19.4	62335
2009 RJ ₅₁	2009 10 17.1	01 28.25 +08 41.3 20.0	-1.01 - 4.1	0.2/17.0	62196
2007 CR ₃	2009 10 17.1	01 28.28 +19 32.2 19.4	-1.01 - 4.8	3.9/20.2	62502
2007 GA ₂₈	2009 10 17.2	01 28.21 -18 44.3 20.2	-0.84 - 0.5	7.0/09.2	41871
2009 QN ₄	2009 10 17.2	01 28.21 -24 21.1 17.3	+0.07 -13.6	16.0/30.0	62551
2005 UZ ₄₇₂	2009 10 17.2	01 28.22 +08 01.8 20.3	-0.91 - 3.5	0.4/16.9	62455
2008 CW ₃₆	2009 10 17.2	01 28.23 +04 06.7 20.5	-1.00 - 7.9	2.1/15.6	62523
2002 CR ₁₄₂	2009 10 17.2	01 28.28 +13 12.5 19.4	-0.88 - 5.3	1.5/18.4	62341
2005 RC ₄₃	2009 10 17.2	01 28.29 +15 28.4 19.5	-0.93 - 4.1	2.9/19.1	62431
2001 FU ₁₇₁	2009 10 17.2	01 28.29 -06 46.4 20.2	-0.91 0.0	4.0/13.1	43120
2003 ED ₄₈	2009 10 17.2	01 28.30 +32 20.4 20.9	-0.97 - 4.0	6.0/24.7	41788
2008 GU ₁₂₁	2009 10 17.2	01 28.33 +05 34.7 21.0	-0.97 - 8.0	1.3/16.1	62091
2005 QJ ₁₂₃	2009 10 17.2	01 28.36 +09 23.6 19.6	-0.92 - 6.0	0.1/17.3	62428
2007 FK ₂₇	2009 10 17.2	01 28.36 +06 29.6 20.4	-0.85 - 7.1	1.0/16.4	62517
2005 US ₅₀₁	2009 10 17.2	01 28.37 +13 31.1 19.8	-0.83 -12.8	1.3/18.8	62455
2008 RQ ₇₃	2009 10 17.2	01 28.38 +32 14.5 19.9	-0.69 - 0.8	4.5/24.6	52508
2009 SX ₂₁	2009 10 17.2	01 28.39 +03 09.3 20.1	-1.00 - 6.3	2.7/15.5	62203
2004 HT ₇	2009 10 17.2	01 28.39 +05 45.1 20.9	-0.95 - 6.4	1.2/16.2	62391
2006 BU ₁₇₃	2009 10 17.2	01 28.42 +11 13.4 20.6	-0.79 - 4.9	0.6/17.9	62478
2006 VJ ₆₂	2009 10 17.2	01 28.44 +14 00.5 19.2	-1.00 - 7.9	2.1/18.7	62492
2000 AU ₈₂	2009 10 17.2	01 28.46 -26 02.5 19.1	-0.80 - 2.8	11.0/04.5	62301
2006 BJ ₈₁	2009 10 17.2	01 28.48 +00 32.4 20.0	-0.74 - 4.5	2.6/14.5	62477
2008 JJ ₂₅	2009 10 17.2	01 28.48 +10 59.1 22.1	-0.94 - 5.8	0.6/17.8	41674
2005 ON ₂₀	2009 10 17.2	01 28.50 +14 29.6 19.6	-1.04 - 4.3	2.0/18.7	62424
2006 BS ₁₅₃	2009 10 17.2	01 28.50 +11 21.4 19.9	-0.82 - 3.8	0.7/17.9	19689
2005 UF ₂₇₆	2009 10 17.2	01 28.51 +08 03.2 20.2	-0.99 - 2.5	0.5/16.9	61972
2005 WH ₁₁₅	2009 10 17.2	01 28.52 +25 11.4 20.4	-0.82 - 5.1	4.3/22.5	62463
2006 CV ₄₈	2009 10 17.2	01 28.53 +20 45.3 20.6	-0.82 - 3.3	3.2/20.8	01317
2002 DS ₁₉	2009 10 17.2	01 28.54 +08 04.7 20.4	-0.52 - 2.8	0.2/16.9	61845
2006 AA ₅₃	2009 10 17.3	01 28.58 -06 52.4 20.8	-0.76 - 5.0	4.9/12.1	19274
2007 HE ₆₀	2009 10 17.3	01 28.58 +06 18.7 21.0	-0.75 - 4.0	0.8/16.4	62520
2005 WP ₁₃₃	2009 10 17.3	01 28.60 +16 42.9 19.8	-0.84 - 6.6	3.0/19.7	61994
2007 FY ₃₉	2009 10 17.3	01 28.63 -04 37.3 19.5	-0.85 - 1.6	4.2/13.5	40179
2008 JT ₃₀	2009 10 17.3	01 28.63 -06 58.5 19.7	-0.78 - 6.2	6.0/12.0	62539

2005 SW ₂₇	2009 10 17.3	01 28.64 +16 42.2 20.8	-0.95 - 5.3	2.4/19.5	62431
2005 XA ₁₀	2009 10 17.3	01 28.66 +15 37.1 20.3	-0.89 - 4.8	2.1/19.2	62465
2008 EY ₃₄	2009 10 17.3	01 28.67 -26 59.9 21.6	-1.10 0.0	11.4/07.5	40200
2001 WE ₆₈	2009 10 17.3	01 28.67 +02 58.6 19.5	-0.97 - 2.7	2.3/15.6	62329
2007 EG ₁₀₅	2009 10 17.3	01 28.68 +09 55.4 20.5	-0.90 - 4.4	0.2/17.5	62513
2007 EZ ₂₂₀	2009 10 17.3	01 28.70 +05 19.3 19.9	-0.70 - 8.1	1.2/16.0	62516
2008 FC ₁₂₆	2009 10 17.3	01 28.71 -12 47.3 20.0	-1.01 + 1.9	7.5/12.5	40753
2009 RT ₂₆	2009 10 17.3	01 28.74 +10 10.1 19.1	-0.70 -10.9	0.3/17.7	62185
2004 TG ₆₉	2009 10 17.3	01 28.76 -01 23.2 18.6	-0.74 - 8.0	4.3/13.6	59742
2003 ST ₃₆₅	2009 10 17.3	01 28.76 +10 38.7 20.6	-0.74 - 5.8	0.4/17.8	61882
2002 QW ₁₀₆	2009 10 17.3	01 28.77 +03 36.3 20.2	-0.94 - 7.5	2.4/15.6	62352
2002 CF ₂₁₁	2009 10 17.3	01 28.84 +29 37.4 20.1	-0.63 - 1.3	3.6/23.9	87531
2005 OS ₃₁	2009 10 17.3	01 28.86 +06 52.8 19.0	-0.81 - 8.2	1.1/16.6	62425
2003 DR ₁	2009 10 17.3	01 28.86 -01 30.3 20.0	-0.91 - 4.2	4.0/14.2	37987
2005 YQ ₂₁₃	2009 10 17.3	01 28.87 +10 18.7 18.3	-0.84 - 1.1	0.5/17.6	62004
2005 YD ₆	2009 10 17.3	01 28.87 +03 20.4 20.8	-0.84 - 4.3	1.9/15.6	62467
2007 FT ₄₅	2009 10 17.3	01 28.88 -14 58.3 20.2	-0.83 - 3.6	7.4/09.7	39838
2007 EY ₁₇₃	2009 10 17.3	01 28.90 +12 56.9 21.0	-0.86 - 4.5	1.2/18.5	62515
2004 SB ₁₁	2009 10 17.3	01 28.90 -02 14.1 19.2	-0.91 - 1.9	4.0/14.3	62402
2007 DQ ₉₁	2009 10 17.3	01 28.91 +10 10.3 19.4	-0.96 - 4.7	0.4/17.6	62508
1999 XJ ₅₅	2009 10 17.3	01 28.97 -33 15.6 19.4	-0.67 + 0.7	7.3/03.1	59652
2009 RD ₄₆	2009 10 17.3	01 28.98 +07 14.1 18.8	-0.70 -10.5	0.7/16.6	62194
2004 BG ₁₁₉	2009 10 17.3	01 29.00 +04 34.7 20.2	-1.05 - 3.1	1.7/16.1	61885
2001 XJ ₉₃	2009 10 17.3	01 29.01 -06 56.5 20.0	-1.01 - 2.2	6.1/12.8	00098
2008 GQ ₁₃₈	2009 10 17.3	01 29.02 +09 40.3 20.4	-0.92 - 8.5	0.1/17.5	62536
2007 BM ₆₁	2009 10 17.3	01 29.03 +24 44.1 20.3	-1.08 - 4.3	6.4/21.9	62036
2005 UV ₄₈₃	2009 10 17.4	01 28.95 +01 27.0 20.1	-0.86 - 6.5	3.1/14.9	62455
2007 FX ₄₅	2009 10 17.4	01 28.97 -01 32.7 19.7	-0.73 - 6.7	3.6/13.8	40179
2001 XO ₁₁₂	2009 10 17.4	01 28.98 -15 31.3 19.3	-0.86 - 2.4	10.7/09.5	58421
2003 QL	2009 10 17.4	01 28.99 +24 29.5 19.4	-0.90 - 3.1	5.3/22.1	61879
2002 RF ₂₄₀	2009 10 17.4	01 28.99 +17 32.2 19.6	-0.97 - 4.5	4.0/19.8	62355
2000 DY ₉₀	2009 10 17.4	01 29.02 +08 49.1 19.7	-0.78 - 4.6	0.2/17.3	61833
2007 DD ₉₂	2009 10 17.4	01 29.02 +11 23.2 20.3	-0.93 - 4.1	0.8/18.0	62508
2006 XU ₅₁	2009 10 17.4	01 29.03 -02 54.6 19.8	-1.03 - 3.5	5.2/14.1	58561
2005 VH ₅₈	2009 10 17.4	01 29.03 +14 12.6 20.1	-0.90 - 6.6	1.7/19.0	62457
2006 BC ₈₇	2009 10 17.4	01 29.04 +05 47.3 19.9	-0.81 - 4.2	1.2/16.4	62477
2003 QT ₁₄	2009 10 17.4	01 29.05 +22 37.7 18.7	-0.80 - 4.9	4.4/21.7	62373
2007 EC ₉₉	2009 10 17.4	01 29.07 +04 37.8 20.3	-0.77 - 4.8	1.3/16.0	62512
2005 WE ₁₂₁	2009 10 17.4	01 29.08 -12 46.4 19.2	-0.94 - 0.3	8.7/11.5	61993
2004 NE ₅	2009 10 17.4	01 29.08 +52 44.5 20.2	-1.39 - 2.0	11.4/03.1	59726
2004 TY ₂₄₉	2009 10 17.4	01 29.11 +04 27.6 18.5	-0.91 - 0.3	1.9/16.2	62409
2005 QZ ₁₁₉	2009 10 17.4	01 29.13 +10 49.4 20.0	-0.92 - 4.8	0.7/17.9	62428
2007 HO ₉₅	2009 10 17.4	01 29.16 -00 35.2 20.5	-0.72 - 3.7	2.5/14.4	41344
2005 XO ₆₉	2009 10 17.4	01 29.19 +12 48.9 19.6	-0.89 - 4.2	1.4/18.5	62467
2002 VE ₇₅	2009 10 17.4	01 29.20 -03 01.3 19.2	-1.03 - 2.7	4.9/14.1	62362
2007 ES ₁₇₂	2009 10 17.4	01 29.22 +04 13.4 19.9	-0.75 -10.2	1.8/15.6	62058
2005 WO ₁₂₁	2009 10 17.4	01 29.24 +06 43.4 18.9	-0.82 - 5.8	1.1/16.6	62463
2005 YU ₃₈	2009 10 17.4	01 29.24 +03 43.2 20.1	-0.82 - 8.1	2.1/15.6	62468
2005 XU ₄₇	2009 10 17.4	01 29.26 +13 03.1 20.5	-0.87 - 4.4	1.3/18.6	62466
2004 TU ₂₉₅	2009 10 17.4	01 29.27 +03 21.5 19.3	-0.87 - 1.6	2.0/15.9	62409
2007 JP ₁₅	2009 10 17.4	01 29.28 +04 49.8 21.3	-0.76 - 4.4	1.3/16.1	62521

2001 YJ ₁₂₉	2009 10 17.4	01 29.31 -12 30.0 18.7	-0.99 + 0.4	8.6/11.9	62336
2007 EA ₁₃₆	2009 10 17.4	01 29.31 +10 59.6 21.3	-0.89 - 4.7	0.5/18.0	20856
2000 EO ₁₀	2009 10 17.4	01 29.31 +04 56.9 19.6	-0.94 - 7.1	1.8/16.1	62303
2006 WU ₂₀₂	2009 10 17.4	01 29.32 +03 27.1 20.5	-0.94 - 5.2	2.3/15.7	41857
2005 YB ₁₈₆	2009 10 17.4	01 29.33 +03 53.3 20.5	-0.77 - 4.8	1.7/15.8	62472
2001 DL ₁₀	2009 10 17.4	01 29.33 -08 16.7 18.9	-0.50 - 3.2	3.3/11.5	62312
2007 JK ₁₄	2009 10 17.4	01 29.35 -12 23.4 19.2	-0.85 - 3.1	7.5/10.7	26287
2002 CH ₂₉	2009 10 17.4	01 29.37 +24 53.3 19.8	-0.96 - 2.8	4.6/22.0	62339
2003 FJ ₁₀₃	2009 10 17.4	01 29.38 +06 40.0 20.1	-0.84 - 8.1	0.9/16.6	62370
2005 UZ ₁₆₄	2009 10 17.4	01 29.39 +08 20.6 20.3	-0.96 - 3.5	0.4/17.2	62448
1999 RK ₁	2009 10 17.4	01 29.57 +51 43.7 18.2	-2.86 +28.1	25.2/13.7	62297
2005 UJ ₄₆₅	2009 10 17.5	01 29.32 +02 13.6 20.0	-0.88 - 4.6	2.2/15.4	62454
2003 FG ₄₅	2009 10 17.5	01 29.34 -01 31.2 20.1	-0.80 -10.1	3.5/13.7	62370
2002 UP ₄₄	2009 10 17.5	01 29.36 +10 14.7 19.3	-1.01 - 4.8	0.4/17.8	62360
2005 UU ₇₉	2009 10 17.5	01 29.39 -00 55.1 19.2	-1.07 + 0.7	4.1/15.2	62445
2004 QP ₆	2009 10 17.5	01 29.40 +12 58.6 19.7	-0.87 - 5.9	1.3/18.6	62396
2007 GQ ₁₇	2009 10 17.5	01 29.40 +15 38.9 21.3	-0.74 - 7.0	1.8/19.6	62518
2002 XK ₁₁	2009 10 17.5	01 29.40 +00 08.3 19.9	-0.98 - 3.9	3.4/14.9	57379
2005 QU ₃₃	2009 10 17.5	01 29.40 +10 13.7 20.1	-0.99 - 5.5	0.3/17.8	62426
2003 GF ₂₈	2009 10 17.5	01 29.41 +08 08.9 21.1	-0.48 - 3.1	0.2/17.1	62371
2007 BG ₇₄	2009 10 17.5	01 29.41 +08 43.8 20.8	-1.04 - 4.6	0.3/17.3	20518
2005 SN ₅₅	2009 10 17.5	01 29.46 +08 45.7 19.8	-0.93 - 4.3	0.2/17.4	62432
2005 TV ₃₅	2009 10 17.5	01 29.46 +06 36.0 20.8	-0.96 - 4.7	1.0/16.7	62439
2002 CM ₂₅₂	2009 10 17.5	01 29.49 +07 57.3 18.3	-0.78 - 7.9	0.6/17.1	62342
2002 RB ₂₈₀	2009 10 17.5	01 29.50 +14 46.6 19.6	-0.98 - 5.7	2.4/19.1	62355
2001 VV ₁₃₃	2009 10 17.5	01 29.51 -00 00.1 20.5	-0.80 - 9.8	3.2/14.3	62328
2006 BZ ₂₁₄	2009 10 17.5	01 29.52 -14 34.1 20.1	-0.83 - 1.4	7.0/10.5	42798
2007 DY ₈₂	2009 10 17.5	01 29.54 -26 32.7 21.6	-0.74 - 3.0	8.1/05.4	41863
2000 CX ₃₃	2009 10 17.5	01 29.58 -07 46.2 20.1	-0.74 - 6.0	4.9/11.7	01994
2007 EP ₇₂	2009 10 17.5	01 29.59 +17 01.0 20.9	-0.96 - 2.0	2.3/19.6	19404
2002 VG ₁₇	2009 10 17.5	01 29.59 +00 17.8 18.8	-0.96 - 2.7	4.4/15.0	62361
2005 QV ₅₀	2009 10 17.5	01 29.59 +03 32.5 20.2	-0.94 - 5.5	2.1/15.8	62427
2002 AT ₁₈₃	2009 10 17.5	01 29.59 +14 04.8 19.7	-0.93 - 4.1	1.6/18.9	62338
2001 XZ ₁₃₇	2009 10 17.5	01 29.60 +24 52.1 18.7	-0.85 - 9.4	5.7/23.1	62332
2006 DQ ₁₄₂	2009 10 17.5	01 29.63 +08 17.5 20.3	-0.79 - 3.6	0.3/17.2	62481
2005 UV ₇₀	2009 10 17.5	01 29.64 +12 10.6 19.4	-1.16 + 1.8	1.2/18.2	61957
2003 SX ₃₀₆	2009 10 17.5	01 29.66 +10 30.0 19.8	-0.72 - 6.9	0.3/17.9	62377
2003 GU ₁	2009 10 17.5	01 29.67 -00 42.7 20.2	-0.90 - 4.2	3.3/14.6	62371
2001 RG ₁₄₆	2009 10 17.5	01 29.67 +21 03.1 19.7	-0.95 - 9.8	4.2/21.6	07982
2007 EB ₁₁₇	2009 10 17.5	01 29.67 +02 30.0 20.3	-0.77 - 3.1	2.0/15.6	62513
2005 XS ₄	2009 10 17.5	01 29.68 +03 59.8 19.8	-0.82 - 4.5	1.8/16.0	62465
2005 US ₄₄₅	2009 10 17.5	01 29.72 +08 18.2 18.7	-0.82 - 6.8	0.4/17.2	62454
2004 TK ₁₃₅	2009 10 17.5	01 29.74 +00 52.9 19.0	-0.94 - 0.3	3.2/15.5	62406
2006 CF ₁₂	2009 10 17.5	01 29.74 +22 51.9 20.8	-0.83 - 3.6	3.9/21.8	01308
2007 DL ₁₈	2009 10 17.5	01 29.76 +16 50.4 20.9	-0.91 - 3.7	2.4/20.0	17726
2005 UC ₁₉₅	2009 10 17.6	01 29.75 +05 01.1 20.2	-0.88 - 4.7	1.7/16.3	62449
2000 CW ₅₉	2009 10 17.6	01 29.76 +03 38.9 19.9	-0.90 - 6.9	1.9/15.8	62302
2004 YY	2009 10 17.6	01 29.78 +29 51.8 18.3	-1.30 + 6.5	8.8/21.1	62415
2009 SN ₆₁	2009 10 17.6	01 29.78 +12 33.9 19.6	-0.71 -13.0	1.3/18.8	62209
2008 RE ₂	2009 10 17.6	01 29.79 +20 07.0 20.1	-0.58 - 1.4	1.9/20.9	46638
2002 CT ₆₁	2009 10 17.6	01 29.80 +22 20.9 19.5	-1.07 - 1.2	4.4/20.9	30648

2004 XR ₇	2009 10 17.6	01 29.82 +02 39.0 19.2	-0.79 - 3.2	2.1/15.6	62413
2006 QL ₁₃	2009 10 17.6	01 29.89 +47 47.4 20.5	-1.70 + 1.5	17.6/28.5	37501
2005 WY ₅₆	2009 10 17.6	01 29.89 +11 04.0 20.2	-0.89 - 4.2	0.6/18.1	62461
2007 FG ₂₀	2009 10 17.6	01 29.90 -07 12.5 20.9	-0.73 - 4.0	4.4/12.5	46523
1998 KN ₄₀	2009 10 17.6	01 29.91 -02 42.0 20.0	-1.02 - 4.4	4.5/14.3	37261
2008 FS ₁₀₃	2009 10 17.6	01 29.93 -00 07.5 20.2	-0.92 - 4.5	3.6/14.9	40565
2005 WD ₁₀₈	2009 10 17.6	01 29.93 -08 42.2 19.6	-0.95 - 1.4	6.6/12.7	20826
2000 GS ₁₃₆	2009 10 17.6	01 29.95 -17 55.8 18.8	-1.19 - 0.1	9.5/10.3	62305
2007 GH ₆₅	2009 10 17.6	01 29.97 +05 24.4 20.9	-0.84 - 1.5	1.1/16.6	20871
2005 YX ₁₈₈	2009 10 17.6	01 30.01 +10 25.0 20.8	-0.77 - 4.6	0.3/18.0	62472
2003 QZ ₁₀₅	2009 10 17.6	01 30.03 +22 53.3 18.4	-1.00 + 0.4	4.3/21.1	62374
2005 UV ₂₇₆	2009 10 17.6	01 30.05 +12 14.8 20.3	-0.82 - 6.8	1.2/18.6	62451
2005 UH ₂₅₉	2009 10 17.6	01 30.08 +04 18.4 20.1	-0.91 - 4.2	2.0/16.2	62450
2001 UF ₂₂₇	2009 10 17.6	01 30.11 +02 10.2 19.4	-0.88 - 3.6	3.3/15.6	62326
2004 EQ ₁₆	2009 10 17.6	01 30.11 +03 16.0 20.4	-1.00 - 3.9	2.2/16.0	59722
2004 PM ₂₅	2009 10 17.6	01 30.12 +21 43.8 20.1	-0.96 - 4.1	4.3/21.4	60805
2004 FS ₉₂	2009 10 17.6	01 30.12 +07 30.9 19.7	-0.93 - 7.5	0.7/17.1	61889
2007 DO ₃₃	2009 10 17.6	01 30.15 +02 30.9 22.1	-0.84 - 5.7	2.2/15.6	17740
2009 SM ₅₇	2009 10 17.7	01 30.09 +20 04.1 18.9	-0.89 - 1.6	5.8/20.7	62209
2007 EJ ₁₁₇	2009 10 17.7	01 30.12 +02 58.0 20.0	-0.81 - 2.2	1.9/15.9	62513
2007 DU ₉₃	2009 10 17.7	01 30.14 +13 24.6 19.3	-0.97 - 2.2	1.4/18.8	62508
2004 RN ₁₅₃	2009 10 17.7	01 30.14 +22 41.9 18.4	-0.83 - 3.5	5.9/21.7	61897
2007 BG ₂₇	2009 10 17.7	01 30.14 -02 05.3 19.6	-0.90 - 5.9	5.2/14.1	22870
2006 AL ₆₇	2009 10 17.7	01 30.15 +21 52.6 19.4	-0.82 - 5.3	3.8/21.7	62475
2005 VO ₄	2009 10 17.7	01 30.16 -10 52.1 19.8	-1.01 - 1.3	7.5/12.0	19667
2004 XV ₆	2009 10 17.7	01 30.18 +23 11.9 18.9	-0.83 - 5.0	4.6/22.1	62413
2008 GF ₂₀	2009 10 17.7	01 30.20 +04 42.4 19.8	-1.01 - 1.7	1.7/16.5	62533
2007 DX ₁₁₅	2009 10 17.7	01 30.22 +03 57.6 20.4	-0.81 - 9.4	1.8/15.9	62509
2002 NC ₆₂	2009 10 17.7	01 30.24 +22 22.1 19.7	-1.04 - 5.1	6.2/21.7	62349
2005 UH ₅₉	2009 10 17.7	01 30.25 +05 48.7 18.3	-0.69 -11.6	1.6/16.4	62444
2005 SU ₁₄₉	2009 10 17.7	01 30.26 +05 39.8 20.5	-0.88 - 7.3	1.4/16.6	62435
1995 US ₂₀	2009 10 17.7	01 30.27 +10 45.1 19.9	-0.91 - 2.9	0.5/18.1	62292
2002 EY ₁₀₇	2009 10 17.7	01 30.28 +24 01.7 19.7	-0.91 - 6.2	5.0/22.4	62344
2006 YH ₃₈	2009 10 17.7	01 30.29 +21 11.6 20.5	-1.01 - 4.4	4.2/21.2	18184
1999 JH ₉₁	2009 10 17.7	01 30.30 -07 51.8 20.7	-0.82 - 4.6	4.7/12.5	40663
1997 EZ ₃₀	2009 10 17.7	01 30.30 +11 24.5 21.1	-1.02 - 5.2	0.7/18.3	12716
2006 XB ₄₉	2009 10 17.7	01 30.31 +01 43.9 21.0	-0.88 - 5.1	2.4/15.4	62497
2002 AE ₈₀	2009 10 17.7	01 30.33 +15 52.6 19.8	-0.89 - 4.7	2.1/19.7	62337
2000 SF ₅₅	2009 10 17.7	01 30.34 +19 21.8 19.4	-1.06 - 0.9	3.7/20.3	62307
2008 EZ ₁₃₈	2009 10 17.7	01 30.35 +19 31.1 20.9	-1.07 - 2.8	3.5/20.5	41530
2005 TT ₃₇	2009 10 17.7	01 30.36 +08 05.6 20.4	-0.90 - 7.9	0.5/17.3	62439
2004 XW ₃	2009 10 17.7	01 30.40 -09 47.5 19.9	-0.87 - 0.8	5.6/12.4	22781
2000 SU ₂₁₁	2009 10 17.7	01 30.43 -04 09.0 18.7	-1.04 + 2.4	5.8/14.8	62308
2002 LE ₆₃	2009 10 17.7	01 30.43 +18 15.0 19.5	-1.14 - 3.8	4.2/20.2	61849
2009 SZ ₁	2009 10 17.7	01 30.43 +21 11.9 18.7	-0.90 -11.7	5.3/22.1	62199
2005 OE ₂₅	2009 10 17.7	01 30.46 +08 09.4 19.2	-0.85 - 6.7	0.6/17.4	61924
2008 DZ ₃₄	2009 10 17.7	01 30.46 +07 22.7 20.5	-0.97 - 8.0	0.8/17.1	62073
2006 BN ₃₃	2009 10 17.7	01 30.46 +18 51.7 19.7	-0.87 - 2.4	2.9/20.5	62476
2001 UL ₂	2009 10 17.7	01 30.48 +24 04.6 17.9	-0.73 -30.6	6.6/24.4	62324
2005 UB ₂₀₇	2009 10 17.7	01 30.49 +05 26.2 20.3	-0.93 - 4.0	1.4/16.7	62449
2005 UB ₅₁₆	2009 10 17.7	01 30.49 -04 41.0 21.3	-0.79 - 7.9	4.4/13.0	24047

2007 EK ₈₇	2009 10 17.8	01 30.51 +04 18.6 20.9	-0.92 - 2.3	1.7/16.4	20854
2006 FK ₁₆	2009 10 17.8	01 30.55 +09 17.3 20.4	-0.78 - 4.4	0.1/17.8	62483
2001 YF ₅₂	2009 10 17.8	01 30.58 +27 25.4 20.9	-0.87 - 5.1	4.3/23.6	21310
2008 KS ₂₉	2009 10 17.8	01 30.59 -04 23.2 20.3	-1.00 - 5.4	5.8/13.7	41686
2001 JF ₁₁	2009 10 17.8	01 30.60 +03 31.0 21.0	-0.95 - 6.9	2.1/16.0	62314
2004 ET ₄₂	2009 10 17.8	01 30.60 +10 28.7 19.8	-1.04 - 5.1	0.4/18.1	62387
2005 WV ₁₄	2009 10 17.8	01 30.61 +05 46.7 19.7	-0.90 - 3.8	1.4/16.8	34915
2006 BJ ₁₆₉	2009 10 17.8	01 30.64 -02 11.7 19.8	-0.71 - 6.2	3.7/14.0	20839
1993 TF ₁₅	2009 10 17.8	01 30.67 +09 51.6 18.1	-0.90 - 1.3	0.1/17.9	62291
2000 CX ₁₃₁	2009 10 17.8	01 30.69 +07 50.2 20.3	-0.76 - 4.8	0.5/17.3	62302
2007 HS ₁	2009 10 17.8	01 30.70 +10 07.4 21.3	-0.80 - 6.4	0.2/18.1	20625
2005 XV ₅	2009 10 17.8	01 30.70 -08 40.1 19.5	-0.96 - 1.8	6.5/12.8	20827
2002 VK ₁₂₃	2009 10 17.8	01 30.71 +07 03.7 19.4	-1.00 - 4.1	1.1/17.2	61873
2001 XC ₉₃	2009 10 17.8	01 30.74 +04 07.4 19.5	-0.91 - 3.1	2.4/16.4	62332
2001 SY ₂₉₂	2009 10 17.8	01 30.75 +12 51.0 19.8	-0.71 - 2.3	0.8/18.9	62320
2002 DN ₆	2009 10 17.8	01 30.75 +04 52.0 20.2	-0.80 - 5.9	1.5/16.4	62343
2005 JP ₁₂₈	2009 10 17.8	01 30.83 -01 56.0 19.6	-1.07 - 2.5	5.2/14.9	39214
1998 TT ₂₃	2009 10 17.8	01 30.83 +10 48.6 19.6	-0.79 - 4.5	0.4/18.3	62295
2004 TW ₂₃₈	2009 10 17.8	01 30.84 +07 24.0 19.0	-1.04 + 1.3	0.7/17.4	61907
2005 LD ₁₇	2009 10 17.8	01 30.86 +04 20.6 19.7	-1.02 - 3.5	2.4/16.5	61917
2006 WO ₁₈₂	2009 10 17.9	01 30.82 +10 13.1 19.9	-1.00 - 4.5	0.3/18.1	62495
2007 EL ₇	2009 10 17.9	01 30.82 -03 33.4 20.6	-0.76 - 8.3	4.2/13.4	26253
2005 WZ ₈₉	2009 10 17.9	01 30.84 -07 56.9 18.9	-1.01 + 0.6	6.7/13.7	97996
1995 UQ ₅₅	2009 10 17.9	01 30.85 +13 04.7 19.3	-0.91 - 6.4	1.7/19.0	62292
2005 UU ₂₈₈	2009 10 17.9	01 30.91 +21 13.0 20.9	-0.87 - 7.1	3.6/21.7	20424
2008 FQ ₂₆	2009 10 17.9	01 30.93 +10 48.9 21.1	-0.99 - 5.6	0.5/18.3	62529
2003 QT ₄₈	2009 10 17.9	01 30.93 +17 53.7 20.4	-0.85 - 3.2	2.3/20.4	62373
2005 TR ₁₈₂	2009 10 17.9	01 30.94 -01 12.4 19.2	-0.96 - 2.2	4.6/15.0	40147
2007 DN ₁	2009 10 17.9	01 30.94 +04 44.1 20.4	-0.79 - 6.7	1.4/16.4	62504
2008 HL ₃₃	2009 10 17.9	01 30.96 +06 13.4 19.5	-0.78 - 9.2	1.1/16.8	62537
2005 UV ₁₀₄	2009 10 17.9	01 30.97 +02 47.5 20.4	-0.90 - 4.8	2.4/15.9	62446
2007 ED ₁₀₅	2009 10 17.9	01 31.00 +13 37.8 19.3	-0.93 - 3.0	1.5/19.1	62513
2008 FH ₅₃	2009 10 17.9	01 31.02 +01 15.2 19.8	-0.91 -22.1	3.5/14.7	62085
2005 SN ₁₇	2009 10 17.9	01 31.02 +09 51.7 20.4	-0.94 - 5.6	0.1/18.0	62431
2006 DZ ₁₅₄	2009 10 17.9	01 31.03 +10 09.7 20.7	-0.76 - 5.8	0.2/18.2	62481
2001 QB ₁₀	2009 10 17.9	01 31.04 +22 26.0 18.9	-1.02 - 2.7	5.7/21.6	17935
2006 BH ₃₁	2009 10 17.9	01 31.07 +05 45.7 20.7	-0.77 - 4.5	1.1/16.8	62476
2003 QJ ₁₀₆	2009 10 17.9	01 31.13 +04 09.6 18.0	-0.63 -12.2	1.9/15.9	62374
2005 LU ₅₀	2009 10 17.9	01 31.15 -03 54.9 19.6	-0.50 - 4.0	2.7/13.4	62420
2007 CM ₅₁	2009 10 17.9	01 31.15 +12 16.4 19.2	-0.94 - 6.8	1.2/18.8	62504
2006 WV ₁₂₉	2009 10 17.9	01 31.16 +03 26.1 18.9	-1.03 - 4.3	2.8/16.3	62495
2002 CP ₇₃	2009 10 17.9	01 31.19 +17 10.4 18.7	-0.90 - 2.9	3.5/20.0	62340
2000 VG ₄₂	2009 10 17.9	01 31.20 +14 55.5 18.6	-0.84 - 6.4	2.0/19.7	62310
1995 VV ₄	2009 10 17.9	01 31.24 +01 36.8 20.5	-0.84 - 3.8	2.6/15.7	54044
2007 AD ₂₇	2009 10 17.9	01 31.25 +09 30.2 20.0	-0.99 - 4.4	0.0/18.0	62499
2008 FE ₄₀	2009 10 17.9	01 31.26 +04 06.4 20.1	-1.00 - 5.6	2.3/16.4	62084
2006 QL ₁₂₈	2009 10 17.9	01 31.26 -22 05.6 20.7	-0.93 -13.6	13.2/05.2	58534
2005 UF ₂₈₂	2009 10 17.9	01 31.28 +00 08.8 19.9	-1.02 - 1.1	3.2/15.7	40151
2003 SN ₃₃₃	2009 10 18.0	01 31.21 +20 21.8 20.3	-0.92 - 1.1	3.3/21.0	21801
2005 WM ₇	2009 10 18.0	01 31.23 +14 11.6 18.4	-0.86 - 2.7	2.3/19.3	62459
2007 EA ₁₈₁	2009 10 18.0	01 31.23 +10 02.5 20.3	-0.70 - 7.3	0.1/18.2	62515

2007 EE ₁₄₆	2009 10 18.0	01 31.23 +10 15.2 19.6	-0.94	- 2.6	0.3/18.2	62056
2000 XB ₂₂	2009 10 18.0	01 31.25 +36 24.9 19.0	-0.90	- 6.2	10.0/27.9	62310
2004 TT ₃₆₆	2009 10 18.0	01 31.25 +05 41.5 20.0	-0.79	- 4.7	1.3/16.8	62410
2006 DV ₃₁	2009 10 18.0	01 31.26 +08 47.6 21.4	-0.78	- 4.8	0.2/17.8	01342
2005 WC ₉₀	2009 10 18.0	01 31.29 +06 04.4 18.4	-0.91	- 3.4	1.4/17.0	62462
2008 EA	2009 10 18.0	01 31.30 -38 50.7 18.7	-0.90	- 6.5	22.6/30.0	62526
2004 RS ₁₄₆	2009 10 18.0	01 31.30 +05 13.5 20.0	-0.82	- 5.3	1.5/16.7	62398
2002 AY ₇₂	2009 10 18.0	01 31.30 -00 39.4 19.9	-0.89	- 4.7	3.9/15.0	25842
2007 DR ₁₁₃	2009 10 18.0	01 31.34 +07 09.0 20.4	-0.85	- 3.2	0.7/17.3	62509
2007 BU ₆₈	2009 10 18.0	01 31.35 -04 45.2 21.1	-0.81	- 6.3	4.3/13.4	59786
2005 YR ₄₈	2009 10 18.0	01 31.35 +19 51.4 19.6	-0.87	- 4.4	3.8/21.2	96716
2002 WN ₁₁	2009 10 18.0	01 31.35 +08 28.2 19.8	-1.06	- 1.5	0.5/17.8	62363
2001 WS ₅₃	2009 10 18.0	01 31.38 +02 11.1 19.7	-0.98	- 1.9	2.5/16.1	97512
2006 BH ₉₅	2009 10 18.0	01 31.41 +13 01.3 20.9	-0.78	- 4.4	1.0/19.1	46377
2005 YQ ₃₇	2009 10 18.0	01 31.41 +33 40.8 19.4	-1.04	- 1.8	9.3/25.1	02264
2004 GX ₁₃	2009 10 18.0	01 31.43 +15 35.7 20.8	-0.97	- 6.4	2.2/19.9	62390
2002 OU ₂₅	2009 10 18.0	01 31.43 +18 48.2 19.3	-1.16	- 2.9	4.2/20.5	62350
2008 JY ₅	2009 10 18.0	01 31.43 +00 05.0 20.4	-0.86	- 2.6	2.8/15.5	40770
2001 WS ₅₆	2009 10 18.0	01 31.46 +07 32.2 19.2	-0.95	- 2.8	0.9/17.5	62329
2001 XN ₂₂₂	2009 10 18.0	01 31.46 +09 52.6 19.5	-0.91	- 4.7	0.1/18.1	62333
2001 SN ₉	2009 10 18.0	01 31.46 +11 49.6 18.6	-0.73	- 7.7	1.1/18.8	62318
2006 UZ ₂₆₂	2009 10 18.0	01 31.47 +06 42.2 20.5	-1.07	- 5.1	1.3/17.3	10461
2005 UX ₂₀₃	2009 10 18.0	01 31.47 +11 25.7 20.7	-0.83	- 6.4	0.6/18.6	62449
2004 PL ₅	2009 10 18.0	01 31.48 +33 02.0 20.2	-0.99	- 4.5	7.9/25.9	69754
2004 FQ ₄₇	2009 10 18.0	01 31.49 +06 43.9 20.4	-0.94	- 7.0	1.0/17.2	62389
2003 FY ₁₃₁	2009 10 18.0	01 31.50 -07 33.6 21.5	-0.82	- 5.2	5.0/12.7	21793
2004 TH ₃₀₀	2009 10 18.0	01 31.51 +22 48.0 19.1	-0.95	- 1.7	4.4/21.7	60817
2005 BE ₂₇	2009 10 18.0	01 31.52 -01 00.3 18.9	-1.07	+ 2.0	3.4/15.7	62416
1999 JO ₂₈	2009 10 18.0	01 31.52 +04 19.2 19.8	-0.96	- 2.1	1.7/16.7	16125
2004 FL ₂₀	2009 10 18.0	01 31.61 +07 07.2 20.1	-0.91	- 7.9	0.9/17.3	62388
2005 VW ₆	2009 10 18.1	01 31.57 +11 23.7 19.5	-0.94	- 3.0	0.8/18.6	62456
2007 EV ₁₃₁	2009 10 18.1	01 31.58 +08 51.3 20.8	-0.77	- 4.5	0.2/17.9	20566
2005 QA ₁₆	2009 10 18.1	01 31.59 -00 32.0 19.3	-0.81	- 8.8	4.3/14.7	62426
2006 BY ₁₀₀	2009 10 18.1	01 31.60 +20 48.2 20.6	-0.86	- 2.9	3.4/21.4	02276
2004 FG ₆₈	2009 10 18.1	01 31.65 +03 35.7 20.2	-0.95	- 4.3	2.0/16.4	40122
2005 WX ₃₀	2009 10 18.1	01 31.67 +15 47.3 20.5	-0.85	- 5.2	1.9/20.0	62460
2005 TG ₁₈₆	2009 10 18.1	01 31.67 +11 42.6 20.3	-0.93	- 5.0	0.8/18.7	20409
2006 DC ₁₃₂	2009 10 18.1	01 31.72 -06 08.2 20.1	-0.71	- 5.8	4.6/12.9	57435
2005 UW ₁₈₃	2009 10 18.1	01 31.72 +10 22.3 20.2	-0.87	- 6.0	0.3/18.4	17614
2000 SZ ₁₃₆	2009 10 18.1	01 31.73 +11 50.9 18.1	-0.78	-11.3	0.8/18.9	62308
2005 UG ₂₂₂	2009 10 18.1	01 31.75 +18 42.4 20.1	-0.85	- 9.6	2.9/21.3	96218
2005 UN ₇₃	2009 10 18.1	01 31.75 -06 35.3 18.7	-1.22	+ 7.3	7.8/15.5	97889
2005 QH ₁₀₈	2009 10 18.1	01 31.76 +08 11.8 19.8	-0.93	- 7.3	0.5/17.7	62428
2007 CM ₃	2009 10 18.1	01 31.79 +04 54.6 20.3	-0.87	- 6.4	1.7/16.7	62502
2005 UJ ₄₆	2009 10 18.1	01 31.82 +07 04.5 20.0	-0.87	- 5.4	0.9/17.4	62444
1999 TX ₁₅₄	2009 10 18.1	01 31.82 +08 51.2 18.9	-0.93	- 1.1	0.3/18.0	62298
2003 FZ ₂₈	2009 10 18.1	01 31.86 -04 37.3 21.4	-0.86	- 3.3	4.3/14.1	94945
2005 VU ₁₁₉	2009 10 18.1	01 31.87 +33 22.4 19.8	-0.95	- 2.6	7.4/25.6	62459
2005 UH ₂₉₄	2009 10 18.1	01 31.89 +08 23.6 19.3	-1.00	- 2.0	0.5/17.9	62451
2005 UM ₁₂	2009 10 18.1	01 31.89 +07 20.7 20.7	-0.95	- 3.9	0.8/17.5	62442
2005 YK ₁₃₂	2009 10 18.1	01 31.91 -02 27.6 20.0	-0.76	- 4.5	3.8/14.5	98055

2001 XF ₂₁₂	2009 10 18.1	01 31.95 +07 57.0 18.8	-0.83	- 7.1	0.7/17.7	62333
2006 DV ₁₁₅	2009 10 18.1	01 31.95 +12 58.0 19.8	-0.89	- 1.1	1.1/19.1	62481
2009 SK ₃₅	2009 10 18.1	01 31.96 +15 55.3 20.4	-1.05	- 3.3	2.8/20.0	62206
2008 GF ₃₈	2009 10 18.1	01 31.98 +04 18.2 20.3	-0.98	- 3.8	1.9/16.7	62533
2007 BZ ₆₇	2009 10 18.1	01 31.99 +27 43.6 20.3	-1.07	- 1.8	6.0/23.3	62502
2007 AL ₂₈	2009 10 18.1	01 32.00 +05 33.5 21.4	-0.94	- 5.8	1.4/17.0	40173
2005 UY ₁₁₈	2009 10 18.1	01 32.01 +11 54.3 20.6	-0.84	- 7.6	0.9/18.9	43237
2006 XF ₅₆	2009 10 18.1	01 32.01 +03 31.5 19.9	-0.97	- 6.5	2.5/16.4	62497
2005 AQ ₃₀	2009 10 18.1	01 32.06 +40 27.0 20.6	-1.68	+ 3.0	14.2/25.1	03654
2001 UN ₁₈₄	2009 10 18.2	01 31.95 -02 58.5 19.1	-0.88	- 5.2	5.0/14.3	62326
1436 T-2	2009 10 18.2	01 31.96 +15 35.4 19.6	-0.57	- 2.5	1.3/20.1	62596
2002 VO ₁₄₅	2009 10 18.2	01 31.98 +08 45.1 19.4	-0.83	- 9.8	0.4/17.9	61873
2003 HQ ₃₈	2009 10 18.2	01 31.98 +33 09.5 19.9	-1.07	- 2.8	7.8/25.2	22732
2006 BE ₂₂₇	2009 10 18.2	01 32.00 +10 10.3 20.7	-0.77	- 4.4	0.1/18.4	62479
2005 GC ₉₅	2009 10 18.2	01 32.01 +06 09.4 20.7	-0.61	- 4.1	0.8/17.1	62418
1999 VC ₅₁	2009 10 18.2	01 32.02 +17 28.0 18.5	-0.92	- 7.6	3.8/20.8	62299
2009 SR ₁₀₀	2009 10 18.2	01 32.04 +03 57.8 19.9	-0.93	- 6.1	2.5/16.5	62214
2002 CW ₃₁₅	2009 10 18.2	01 32.06 +10 09.2 20.7	-0.51	- 2.9	0.1/18.4	61845
2004 VE ₉₄	2009 10 18.2	01 32.06 +04 04.8 19.0	-0.79	- 4.9	1.9/16.5	62413
2005 YZ ₂₃₁	2009 10 18.2	01 32.06 +13 03.6 20.1	-0.84	- 5.2	1.1/19.3	62473
2002 VS ₂	2009 10 18.2	01 32.07 +07 28.2 19.2	-0.85	- 6.8	1.0/17.5	62360
2007 EH ₁₁₁	2009 10 18.2	01 32.08 +08 57.7 20.0	-1.02	- 2.3	0.2/18.1	62513
2004 XV ₇₉	2009 10 18.2	01 32.09 +06 44.4 19.0	-0.79	- 3.9	1.0/17.4	62415
2005 WJ ₁₅₅	2009 10 18.2	01 32.10 -13 57.3 19.7	-0.89	- 3.1	8.6/10.9	01150
2006 AM ₄₄	2009 10 18.2	01 32.12 -10 48.3 18.6	-0.78	- 3.4	7.1/12.0	62474
2008 GF ₉₈	2009 10 18.2	01 32.12 +01 38.9 20.6	-0.89	- 7.0	3.0/15.8	41621
2006 AR ₅₄	2009 10 18.2	01 32.13 -07 37.7 19.8	-0.74	- 4.9	5.1/12.7	19685
2006 EW ₃₃	2009 10 18.2	01 32.15 +23 54.2 19.5	-0.91	- 2.0	4.4/22.3	62482
2005 QA ₁₁₁	2009 10 18.2	01 32.16 +09 37.5 20.6	-0.95	- 5.9	0.0/18.2	62428
2005 WK ₃	2009 10 18.2	01 32.18 +19 34.6 18.1	-0.75	-12.6	4.0/22.0	62459
2006 DH	2009 10 18.2	01 32.27 -07 27.9 21.6	-0.70	- 5.0	4.5/12.7	26131
2007 DH ₁₃	2009 10 18.2	01 32.27 +12 58.5 20.7	-0.88	- 5.3	1.0/19.3	62505
2001 YO ₈₅	2009 10 18.2	01 32.29 +36 04.1 18.9	-0.93	- 2.3	12.3/26.9	62335
2004 NS ₁₀	2009 10 18.2	01 32.29 +16 39.1 20.9	-0.93	- 4.9	2.3/20.4	62394
2005 UQ ₁₄₉	2009 10 18.2	01 32.32 +16 04.8 20.4	-0.85	- 7.8	2.0/20.4	61965
2007 JV ₂	2009 10 18.2	01 32.32 -00 24.4 20.1	-0.76	- 3.7	2.9/15.3	21366
2004 BS ₇₄	2009 10 18.3	01 32.35 -20 23.0 20.4	-0.91	- 6.2	9.3/08.3	40684
2004 CZ ₉₈	2009 10 18.3	01 32.39 +06 15.7 20.9	-0.94	- 6.3	1.1/17.3	62385
2009 SE ₁₀₄	2009 10 18.3	01 32.40 +00 56.1 19.6	-0.70	- 6.7	2.6/15.4	62214
2002 VU ₉₂	2009 10 18.3	01 32.41 +06 47.1 19.0	-0.86	- 7.9	1.3/17.4	61872
2006 VG ₃₅	2009 10 18.3	01 32.42 +13 45.2 19.9	-1.01	- 7.8	1.6/19.6	62491
2005 PJ	2009 10 18.3	01 32.42 +07 04.5 19.1	-0.91	- 3.4	1.3/17.6	62425
2004 TO ₃₁₀	2009 10 18.3	01 32.43 +23 55.0 18.9	-0.83	- 5.7	4.7/23.0	62410
2004 FD ₁₄₁	2009 10 18.3	01 32.45 +14 21.1 20.6	-1.02	- 3.9	1.6/19.6	62390
2001 YH ₇₁	2009 10 18.3	01 32.45 +12 56.6 18.8	-0.91	- 4.3	1.3/19.3	62335
2007 HG ₁₇	2009 10 18.3	01 32.48 -07 17.9 20.5	-0.86	- 0.8	4.8/13.8	21685
2001 FR ₈₁	2009 10 18.3	01 32.49 +30 22.9 20.9	-0.87	- 2.9	5.2/24.8	41764
2007 EX ₁₁₈	2009 10 18.3	01 32.49 +07 08.2 19.8	-0.93	- 2.6	0.9/17.7	62054
2006 BQ ₁₈₀	2009 10 18.3	01 32.50 +05 36.3 20.4	-0.76	- 4.3	1.2/17.1	62478
2000 WS ₇₇	2009 10 18.3	01 32.51 +13 15.2 19.1	-0.90	- 2.7	1.5/19.3	62310
1998 QC ₇₄	2009 10 18.3	01 32.51 +08 13.5 18.9	-0.75	- 8.8	0.5/17.9	62294

2000 QL ₂₁₂	2009 10 18.3	01 32.52 +29 18.0 19.0	-1.16 + 1.0	8.7/23.5	61834
2007 GF ₄₀	2009 10 18.3	01 32.52 +04 50.2 21.9	-0.80 - 3.0	1.3/17.0	58566
2005 UX ₁₂₇	2009 10 18.3	01 32.57 +17 39.6 20.0	-0.84 - 8.6	2.5/21.0	17609
2002 CA ₇₄	2009 10 18.3	01 32.57 +18 03.1 20.1	-0.89 - 3.6	2.4/20.8	62340
2008 GR ₃₈	2009 10 18.3	01 32.57 +04 08.3 20.1	-0.91 - 6.8	2.1/16.7	62533
2005 UL ₁₈₉	2009 10 18.3	01 32.57 +06 10.6 19.9	-0.99 - 1.4	1.4/17.5	61968
2003 FF ₅₉	2009 10 18.3	01 32.60 +10 26.5 20.0	-1.00 - 2.4	0.3/18.6	62370
2002 RF ₁₇	2009 10 18.3	01 32.62 +16 12.0 18.6	-1.11 - 3.4	3.0/20.1	62353
2005 WM ₄₃	2009 10 18.3	01 32.62 +20 13.4 19.9	-0.86 - 6.7	3.5/21.8	62461
2002 TC ₈₅	2009 10 18.3	01 32.62 -03 00.5 18.4	-0.96 - 2.1	6.2/14.9	62357
2005 WK ₁₂₀	2009 10 18.3	01 32.64 +08 37.0 18.6	-0.84 - 5.5	0.4/18.0	62463
2000 DL ₃₄	2009 10 18.3	01 32.65 +07 57.0 20.1	-0.96 - 6.5	0.7/17.9	62303
2003 SN ₂₅	2009 10 18.3	01 32.65 +22 08.6 19.5	-0.91 - 1.2	3.6/21.8	02161
2002 GB ₁₁₁	2009 10 18.3	01 32.65 -01 18.7 18.3	-0.81 - 3.2	3.9/15.2	62346
2007 DZ ₃	2009 10 18.3	01 32.69 +17 57.4 22.2	-0.92 - 4.9	2.4/20.8	19700
2007 DN ₉₇	2009 10 18.3	01 32.71 +12 45.0 21.3	-0.92 - 4.2	1.0/19.3	19708
2008 SN ₂₂	2009 10 18.3	01 32.71 +11 28.5 20.1	-0.53 - 3.2	0.4/19.0	62542
2003 GD ₃₉	2009 10 18.3	01 32.72 +07 01.8 21.4	-0.87 - 4.6	0.8/17.6	18051
2001 DZ ₄₇	2009 10 18.3	01 32.74 +18 59.7 19.7	-0.87 - 2.7	2.8/21.1	62312
2007 CQ ₅₈	2009 10 18.3	01 32.76 -13 37.7 20.4	-0.85 - 3.5	7.1/11.3	16079
2007 CH ₂₅	2009 10 18.4	01 32.71 +16 10.5 20.4	-0.93 - 5.1	2.2/20.3	62503
2004 CM ₇₄	2009 10 18.4	01 32.74 +27 33.6 20.1	-0.67 - 3.5	3.8/24.3	62384
2001 XW ₆₄	2009 10 18.4	01 32.75 -39 55.4 20.0	-1.11 + 1.2	16.7/30.0	94336
2005 UJ ₁₄₂	2009 10 18.4	01 32.79 -08 43.4 19.1	-0.85 - 2.6	8.3/13.2	62447
2006 YL ₂₁	2009 10 18.4	01 32.81 -01 38.1 20.4	-0.97 - 3.8	4.2/15.3	40172
2005 XU ₁₁₄	2009 10 18.4	01 32.82 +25 23.2 19.9	-0.83 - 3.0	4.2/23.2	48982
2000 OC ₄₁	2009 10 18.4	01 32.83 +22 12.0 17.8	-0.72 -11.2	5.4/23.2	62305
2003 OA ₈	2009 10 18.4	01 32.83 +44 14.8 18.3	-0.87 - 8.8	11.3/02.7	72778
2000 RY ₁₃	2009 10 18.4	01 32.83 +16 13.3 18.2	-0.75 - 9.2	2.7/20.7	61835
2005 YY ₉₈	2009 10 18.4	01 32.83 +48 06.8 19.2	-1.03 -11.2	13.2/05.3	59768
2005 YT ₃₉	2009 10 18.4	01 32.86 -05 25.4 20.6	-0.78 - 3.7	4.4/13.8	20830
2002 EX ₅	2009 10 18.4	01 32.89 -00 41.1 19.5	-0.48 - 3.3	1.9/15.0	62343
2008 FX ₂₇	2009 10 18.4	01 32.89 -02 01.8 20.1	-0.93 - 6.1	4.4/14.9	62529
2005 UE ₃₂₇	2009 10 18.4	01 32.91 +21 26.0 19.3	-0.85 - 8.1	4.5/22.4	97939
2007 EQ ₁₅₃	2009 10 18.4	01 32.96 -01 24.9 21.1	-0.81 - 5.7	3.6/15.0	19432
1999 TY ₄₅	2009 10 18.4	01 32.96 +12 47.6 20.7	-1.08 - 3.9	1.3/19.3	62297
2005 RL ₁₃	2009 10 18.4	01 32.98 +04 11.2 18.4	-0.88 - 2.2	2.8/17.0	62430
2005 WZ ₁₃₅	2009 10 18.4	01 32.99 +05 40.5 20.5	-0.89 - 3.9	1.4/17.3	62463
2004 TM ₁₀₆	2009 10 18.4	01 32.99 +07 06.3 18.8	-0.94 - 1.2	1.0/17.8	62405
1997 SV ₁₁	2009 10 18.4	01 33.00 +16 09.6 20.4	-0.55 - 3.1	1.3/20.6	61828
1999 YR ₁₂	2009 10 18.4	01 33.00 +23 14.3 20.3	-0.57 - 2.9	2.7/22.9	58399
2004 TH ₂₀₄	2009 10 18.4	01 33.01 +18 18.8 19.9	-0.75 - 7.3	2.6/21.4	20808
2005 YF ₁₅₈	2009 10 18.4	01 33.02 +12 00.3 20.0	-0.81 - 6.1	0.8/19.2	62471
2005 YE ₃₄	2009 10 18.4	01 33.03 -00 05.0 20.5	-0.78 - 4.4	2.9/15.5	40158
2006 AM ₂₃	2009 10 18.4	01 33.03 +10 55.2 19.9	-0.84 - 4.5	0.4/18.8	62474
2007 EM ₁₁₀	2009 10 18.4	01 33.04 +01 58.5 20.6	-0.82 - 5.5	2.4/16.1	62513
2005 UH ₁₈₁	2009 10 18.4	01 33.06 +02 45.3 19.8	-0.90 - 3.5	2.4/16.5	62448
2005 UR ₄	2009 10 18.4	01 33.10 -26 42.7 19.4	-1.06 + 1.3	13.0/08.2	62442
2007 DE ₄	2009 10 18.4	01 33.11 +12 14.8 19.5	-0.91 - 7.0	1.0/19.3	62505
2009 RX ₄₉	2009 10 18.5	01 33.08 +08 52.7 18.6	-0.72 - 8.0	0.3/18.2	62195
2002 CB ₉₄	2009 10 18.5	01 33.10 +34 00.6 19.8	-0.63 - 1.2	4.1/26.5	47201

2001 FJ ₁₃₁	2009 10 18.5	01 33.13 +11 35.6 19.2	-0.89 - 1.8	0.6/19.0	62313
2005 UU ₁₄₆	2009 10 18.5	01 33.16 +11 23.9 19.6	-0.93 - 4.1	0.6/19.0	62447
2004 NE ₂₈	2009 10 18.5	01 33.18 -07 22.8 19.9	-0.80 - 5.3	6.8/13.3	56944
2004 TW ₉₆	2009 10 18.5	01 33.19 +07 26.8 20.4	-0.79 - 5.4	0.8/17.8	61903
2006 VR ₉₆	2009 10 18.5	01 33.20 +01 12.2 20.3	-1.03 - 4.6	3.6/16.1	22857
2003 UA ₃₇₅	2009 10 18.5	01 33.21 +14 28.9 20.2	-0.75 - 5.4	1.4/20.0	62380
2008 GO ₆₅	2009 10 18.5	01 33.22 +09 12.6 20.7	-1.06 - 3.6	0.2/18.4	62534
2004 TD ₂	2009 10 18.5	01 33.22 +11 02.4 19.8	-0.86 - 3.7	0.5/18.9	62403
2005 QS ₁₁₁	2009 10 18.5	01 33.27 +11 24.3 19.3	-0.91 - 5.4	0.7/19.0	62428
2002 GR ₁₃	2009 10 18.5	01 33.28 +07 33.1 19.6	-0.88 - 2.0	0.7/18.0	62345
2008 OT ₂₂	2009 10 18.5	01 33.29 +08 31.6 20.4	-0.51 - 3.0	0.2/18.2	62541
2001 TC ₂₅₅	2009 10 18.5	01 33.31 -00 05.5 21.0	-0.63 - 2.2	2.0/15.6	21768
2005 UA ₂₀₆	2009 10 18.5	01 33.34 +08 48.9 20.2	-0.87 - 5.8	0.3/18.3	62449
2005 MJ ₃₁	2009 10 18.5	01 33.37 +10 37.5 19.3	-0.92 - 5.5	0.4/18.8	62421
2005 QL ₁₂₉	2009 10 18.5	01 33.40 +02 56.2 21.0	-0.93 - 5.2	2.7/16.6	38887
2001 XX ₁₃₄	2009 10 18.5	01 33.41 +23 51.3 20.0	-0.89 - 7.5	4.9/23.2	13852
2005 CC ₆₉	2009 10 18.5	01 33.43 +07 47.9 20.6	-0.51 - 2.8	0.4/18.0	62417
2002 CK ₈₅	2009 10 18.5	01 33.44 +19 27.0 20.2	-0.90 - 4.0	2.9/21.4	41778
2005 UA ₂₁₃	2009 10 18.5	01 33.44 +07 22.2 19.9	-0.89 - 4.1	0.9/17.9	62449
1998 HX ₂₅	2009 10 18.5	01 33.45 +05 54.8 21.2	-0.85 - 4.0	1.2/17.5	62294
2002 AJ ₉₉	2009 10 18.5	01 33.47 +19 06.1 18.6	-0.97 - 2.2	4.3/21.1	62337
2004 FW ₁₁₈	2009 10 18.5	01 33.49 +05 04.3 19.0	-0.91 - 9.0	1.8/17.1	62390
2005 WZ ₅	2009 10 18.5	01 33.49 +06 43.8 18.4	-0.89 - 3.1	1.3/17.7	61986
2007 DP ₃₁	2009 10 18.6	01 33.45 +03 56.8 20.8	-0.76 - 5.1	1.7/16.8	62506
2009 NG	2009 10 18.6	01 33.47 +46 25.0 17.9	-0.84 - 6.4	15.7/05.3	62108
2004 PW ₄₇	2009 10 18.6	01 33.48 +32 53.9 19.3	-1.02 - 3.7	7.9/25.9	59728
2002 ET ₁₃₆	2009 10 18.6	01 33.49 -05 32.0 19.4	-0.48 - 5.0	2.9/13.2	62345
2008 EA ₁₃₉	2009 10 18.6	01 33.50 +15 18.8 20.1	-1.07 - 6.0	2.4/20.2	62528
2005 UV ₂₂₁	2009 10 18.6	01 33.52 +14 37.7 19.6	-0.89 - 5.6	2.2/20.1	61969
2005 WK ₁₁₉	2009 10 18.6	01 33.55 +28 54.9 18.6	-0.88 - 6.4	7.7/25.1	62463
2008 LP	2009 10 18.6	01 33.55 -02 23.5 19.6	-1.04 + 0.9	5.0/15.9	62540
2006 AT ₉₁	2009 10 18.6	01 33.56 +04 02.0 21.0	-0.77 - 4.2	1.6/16.9	20835
2007 ET ₁₁₀	2009 10 18.6	01 33.57 +00 25.3 21.3	-0.82 - 6.8	3.0/15.6	19717
2009 SX ₅₈	2009 10 18.6	01 33.59 +17 40.7 20.9	-1.08 - 3.5	3.1/20.8	62209
2007 DN ₁₇	2009 10 18.6	01 33.60 +09 58.2 19.4	-0.94 - 3.3	0.1/18.7	62505
2005 MS ₁₇	2009 10 18.6	01 33.61 -04 10.7 20.1	-0.94 - 5.1	5.7/14.6	37377
2003 EM ₁₆	2009 10 18.6	01 33.65 -09 45.1 21.8	-1.15 + 1.1	5.5/14.2	19099
2007 BM ₂₉	2009 10 18.6	01 33.66 +03 51.3 20.8	-0.95 - 5.6	2.1/16.9	18189
2006 FZ ₉	2009 10 18.6	01 33.67 +08 20.9 18.5	-0.88 -20.0	0.5/18.1	62482
2004 RV ₂₈₅	2009 10 18.6	01 33.68 +10 44.1 19.9	-0.89 - 3.4	0.3/18.9	62401
2000 AV ₃₉	2009 10 18.6	01 33.78 -01 59.0 20.2	-1.00 - 4.4	4.7/15.3	59653
2000 QE ₇₇	2009 10 18.6	01 33.81 -01 03.5 18.9	-0.75 - 7.4	4.8/15.1	62306
2002 TQ ₃₁₂	2009 10 18.6	01 33.81 -04 11.3 20.2	-0.99 - 3.8	5.4/14.8	40109
2004 JH ₃₃	2009 10 18.6	01 33.84 +03 40.7 19.7	-0.90 - 5.5	2.2/16.9	62393
2008 EO ₅₂	2009 10 18.6	01 33.85 +13 58.2 21.6	-1.07 - 4.0	1.4/20.0	38996
2007 GZ ₂₈	2009 10 18.7	01 33.82 -07 02.7 20.5	-0.76 - 4.5	4.9/13.4	40180
2007 DB ₆₅	2009 10 18.7	01 33.83 +09 31.3 19.9	-0.94 - 5.8	0.1/18.6	62507
2006 AC ₅₃	2009 10 18.7	01 33.85 +07 11.5 20.4	-0.80 - 5.4	0.9/17.9	62475
2005 UL ₃₇₈	2009 10 18.7	01 33.86 +04 17.8 20.8	-0.92 - 3.5	2.0/17.2	62453
2006 CN ₃₉	2009 10 18.7	01 33.87 +13 17.2 20.7	-0.73 - 4.9	0.9/19.8	62480
2005 RS ₃	2009 10 18.7	01 33.87 +10 49.1 20.7	-0.96 - 6.6	0.4/19.0	62430

1998 SD ₁₆₃	2009 10 18.7	01 33.87 +04 26.1	18.1 -1.14 + 3.1	1.9/17.7	62295
2001 XN ₂₃₉	2009 10 18.7	01 33.88 +34 21.5	18.4 -0.92 - 5.7	10.2/27.3	62334
2007 BR ₃₈	2009 10 18.7	01 33.93 +05 34.5	20.4 -0.94 - 6.1	1.7/17.5	62501
2006 YL ₃₇	2009 10 18.7	01 33.93 -00 36.5	20.0 -0.99 - 4.2	4.2/15.8	22867
2004 TF ₂₀₅	2009 10 18.7	01 33.93 +15 51.0	20.2 -0.75 - 6.9	1.9/20.7	61906
2005 XW ₂₄	2009 10 18.7	01 33.93 +03 19.1	20.1 -0.81 - 4.4	2.2/16.8	26108
2004 EK ₄₂	2009 10 18.7	01 33.95 +05 23.6	19.8 -0.96 - 6.3	1.6/17.4	62387
2004 XG ₈₂	2009 10 18.7	01 33.98 +08 46.1	20.1 -0.75 - 5.2	0.3/18.4	62415
2005 YP ₁₂₄	2009 10 18.7	01 33.99 +20 31.8	20.0 -0.91 - 3.6	3.6/21.9	09477
2008 EB ₁₅₇	2009 10 18.7	01 34.00 +06 08.4	19.2 -0.95 - 6.5	1.6/17.6	62082
2002 CQ ₁₉₇	2009 10 18.7	01 34.00 +03 28.2	18.5 -0.83 - 5.0	2.7/16.8	62341
2006 AZ ₇	2009 10 18.7	01 34.02 +22 34.7	19.2 -0.83 - 6.4	4.2/22.9	62474
2004 TL ₁₆₇	2009 10 18.7	01 34.03 +11 33.7	20.7 -0.84 - 4.7	0.6/19.3	62407
2008 KP ₇	2009 10 18.7	01 34.06 +09 49.2	21.0 -0.90 - 5.9	0.0/18.8	62539
1999 TP ₂₆₃	2009 10 18.7	01 34.06 +09 36.7	20.4 -0.87 - 2.8	0.1/18.7	62298
2003 SU ₁₇₈	2009 10 18.7	01 34.07 +19 13.0	19.5 -0.85 - 2.6	2.9/21.5	62376
2005 WQ ₁₄₂	2009 10 18.7	01 34.07 +10 02.1	20.3 -0.87 - 5.6	0.1/18.8	62463
2008 HQ ₅₈	2009 10 18.7	01 34.12 +03 38.1	18.1 -0.90 - 3.3	3.0/17.0	62538
2000 DK ₁₀₈	2009 10 18.7	01 34.12 -26 44.2	19.7 -0.95 -11.2	16.0/03.7	35762
2005 NF ₁₇	2009 10 18.7	01 34.16 +06 09.2	21.1 -0.98 - 5.9	1.4/17.7	39216
2003 FK ₉₄	2009 10 18.7	01 34.16 -00 51.9	20.4 -0.82 - 6.0	3.3/15.4	59697
2008 FN ₁₀₂	2009 10 18.7	01 34.19 +01 59.6	21.8 -0.95 - 6.4	2.6/16.4	40206
2002 LN ₅₃	2009 10 18.7	01 34.20 +15 59.3	19.3 -0.72 - 9.3	1.7/21.0	62349
2006 CK ₉	2009 10 18.7	01 34.24 +08 46.7	19.8 -0.72 - 6.1	0.3/18.5	62012
2000 GN ₁₄₃	2009 10 18.7	01 34.25 +00 35.2	20.3 -0.89 - 6.0	2.9/16.0	60729
2000 GT ₁₅₁	2009 10 18.8	01 34.23 +09 26.0	20.0 -1.11 - 0.6	0.1/18.7	62305
2005 OL ₁₉	2009 10 18.8	01 34.24 +00 13.0	19.9 -0.99 - 4.5	3.9/16.1	62424
2005 UC ₄₀₄	2009 10 18.8	01 34.25 +04 28.0	20.7 -0.82 - 5.5	1.6/17.2	62453
2008 SO ₃₆	2009 10 18.8	01 34.25 +05 35.5	19.8 -0.50 - 3.4	0.8/17.4	62102
2006 AS ₆₁	2009 10 18.8	01 34.28 -09 18.0	19.8 -0.73 - 4.7	5.5/12.7	22807
2009 QX ₃₈	2009 10 18.8	01 34.28 +00 33.2	19.4 -0.82 - 7.9	3.7/15.8	62165
2003 FD ₇₈	2009 10 18.8	01 34.29 +01 43.9	20.8 -0.82 - 7.5	2.6/16.2	19596
2006 AC ₉₆	2009 10 18.8	01 34.29 +19 20.7	19.8 -0.85 - 2.6	2.7/21.6	47375
2003 UE ₃₂₅	2009 10 18.8	01 34.29 +13 04.8	19.6 -0.61 -12.5	1.2/20.1	61883
2007 CO ₄₁	2009 10 18.8	01 34.29 -00 39.9	19.4 -0.88 - 6.6	4.9/15.5	40176
2005 UB ₄₄₄	2009 10 18.8	01 34.30 +31 34.3	18.3 -0.65 -10.7	10.2/28.0	62454
2007 DO ₅	2009 10 18.8	01 34.30 -02 55.9	20.7 -0.92 - 5.0	4.7/15.0	60887
2005 LS ₁₃	2009 10 18.8	01 34.34 +04 07.5	20.3 -0.93 - 8.1	2.5/17.1	62420
2005 YH ₁₇₄	2009 10 18.8	01 34.34 +01 35.2	19.2 -0.88 - 3.0	3.2/16.5	18170
2005 VE ₇₉	2009 10 18.8	01 34.34 +12 12.1	21.4 -0.90 - 5.3	0.8/19.5	18154
2004 GY ₇₈	2009 10 18.8	01 34.35 +09 27.7	19.9 -0.99 - 6.9	0.1/18.7	62391
2007 BM ₆₀	2009 10 18.8	01 34.36 +02 25.9	20.7 -0.94 - 4.7	2.6/16.7	62501
2004 PL ₅₉	2009 10 18.8	01 34.36 +05 21.1	19.3 -0.81 - 6.8	1.5/17.4	62395
2001 VS ₃₃	2009 10 18.8	01 34.39 +22 48.7	19.1 -0.89 - 8.3	4.6/23.1	62327
2000 PG ₈	2009 10 18.8	01 34.42 +53 52.6	20.1 -1.35 - 3.7	12.3/05.9	16140
2001 SG ₂	2009 10 18.8	01 34.42 +12 52.9	19.4 -0.69 - 3.6	0.9/20.0	61839
2009 SG ₃₉	2009 10 18.8	01 34.42 +14 37.6	18.9 -1.06 - 2.3	2.4/20.1	62206
2001 WY ₅₈	2009 10 18.8	01 34.43 +11 34.6	18.9 -0.90 - 4.4	0.8/19.4	62329
2002 WZ ₁	2009 10 18.8	01 34.43 +00 35.9	19.8 -1.00 - 3.9	3.7/16.3	62362
2007 GF ₃	2009 10 18.8	01 34.44 +17 14.5	20.2 -1.06 - 1.3	2.7/20.7	62062
2008 KZ ₁₂	2009 10 18.8	01 34.50 +06 12.8	20.9 -0.89 - 5.5	1.2/17.8	56131

2003 QT ₃₅	2009 10 18.8	01 34.52 -09 26.6	20.2 -0.73 - 5.8	5.6/12.6	40116
2005 UD ₁₈₃	2009 10 18.8	01 34.59 +06 40.2	20.1 -0.90 - 4.1	1.1/18.0	62448
2005 SU ₅₆	2009 10 18.8	01 34.59 +09 09.3	20.2 -0.95 - 6.1	0.3/18.7	62432
2006 CV ₂₃	2009 10 18.8	01 34.59 +06 02.3	21.2 -0.73 - 4.3	1.0/17.7	41242
2009 SY ₁₄₃	2009 10 18.8	01 34.61 +11 02.1	19.8 -0.89 - 2.7	0.4/19.2	62223
2003 QM ₂₀	2009 10 18.9	01 34.61 +14 04.4	19.2 -0.87 - 1.8	1.4/20.1	61879
2002 CC ₃₁₆	2009 10 18.9	01 34.62 +06 20.1	20.2 -0.80 - 6.4	1.3/17.8	61845
2005 BZ ₃	2009 10 18.9	01 34.67 +16 06.2	20.1 -0.78 - 4.1	2.0/20.8	62416
2004 EB ₁₁₆	2009 10 18.9	01 34.67 +17 04.1	19.3 -1.08 - 3.0	3.0/20.8	62388
2005 GF ₁₅₆	2009 10 18.9	01 34.67 +08 23.2	19.3 -0.97 - 8.4	0.7/18.5	62418
2008 HU ₄₅	2009 10 18.9	01 34.67 -00 08.7	20.3 -1.00 - 4.1	3.7/16.2	62537
2004 NH ₁	2009 10 18.9	01 34.68 +23 13.3	18.8 -0.88 - 6.3	5.1/23.3	62394
2007 BS ₄₄	2009 10 18.9	01 34.69 +14 39.0	20.8 -1.01 - 4.7	2.0/20.3	62501
2007 AA ₂₁	2009 10 18.9	01 34.69 +02 59.0	20.5 -0.94 - 6.3	2.5/16.8	62499
2001 UT ₄₅	2009 10 18.9	01 34.72 +04 37.2	18.9 -0.94 - 3.7	2.1/17.5	62324
2000 SP ₁₆₈	2009 10 18.9	01 34.73 +15 49.4	18.2 -0.75 -11.0	2.3/21.1	62308
2004 PS ₃₆	2009 10 18.9	01 34.73 +08 39.7	18.7 -0.81 - 6.9	0.4/18.5	62395
2003 SB ₅₇	2009 10 18.9	01 34.75 +19 40.3	19.1 -0.86 - 2.6	3.1/21.8	62375
2005 QP ₁₂₅	2009 10 18.9	01 34.75 +10 04.2	20.2 -0.90 - 4.5	0.1/19.0	61929
2008 RW ₁₂₈	2009 10 18.9	01 34.77 +18 13.3	20.9 -0.54 - 2.7	1.6/21.6	62101
2004 ES ₈₆	2009 10 18.9	01 34.82 +03 59.5	20.6 -0.95 - 5.1	2.0/17.3	62388
2004 GL ₃₈	2009 10 18.9	01 34.86 +16 32.3	20.2 -0.97 - 5.8	2.2/21.0	62390
2005 WK ₄₄	2009 10 18.9	01 34.91 -01 22.6	19.9 -0.96 - 1.6	3.9/16.0	96471
2008 ED ₁₃₀	2009 10 18.9	01 34.94 +03 56.5	19.5 -1.00 - 4.9	2.5/17.3	62528
2005 WH ₉₉	2009 10 18.9	01 34.94 -05 15.4	19.7 -0.89 - 2.3	5.2/14.8	09457
2005 SS ₂₈₈	2009 10 18.9	01 34.95 -08 04.4	19.9 -0.99 - 0.8	7.4/14.6	62438
2005 UU ₂₅₆	2009 10 18.9	01 34.98 +10 34.6	19.7 -0.97 - 4.6	0.3/19.2	38924
2002 BE ₃	2009 10 18.9	01 34.98 +17 01.6	17.8 -1.13 + 0.9	3.1/20.6	62338
2007 CQ ₆₁	2009 10 18.9	01 34.99 +24 30.0	21.5 -1.00 - 3.1	4.3/23.1	17712
2008 GY ₆₁	2009 10 18.9	01 35.00 -02 45.7	21.1 -0.99 - 4.6	4.7/15.4	37870
2008 FY ₁₀₄	2009 10 18.9	01 35.01 +02 51.4	19.1 -1.05 - 2.2	3.2/17.2	51069
2002 SH ₆₁	2009 10 18.9	01 35.01 -02 36.5	19.8 -0.94 - 8.1	5.1/15.1	62356
2005 MS ₂₀	2009 10 19.0	01 34.95 +15 50.8	19.6 -1.00 - 5.7	2.4/20.8	87688
2004 TZ ₈₅	2009 10 19.0	01 34.96 +08 42.3	21.0 -0.81 - 5.3	0.4/18.6	19161
2002 CJ ₂₂₈	2009 10 19.0	01 34.97 +21 11.5	19.1 -0.52 - 3.2	2.0/22.8	62342
2004 VW ₄₇	2009 10 19.0	01 35.00 -07 25.4	18.6 -0.86 - 0.6	6.6/14.4	61911
2005 VE ₁₅	2009 10 19.0	01 35.03 -10 40.4	19.6 -1.30 + 4.7	7.4/15.3	18152
2008 HX ₅₄	2009 10 19.0	01 35.04 +07 15.3	20.4 -0.94 - 7.1	1.0/18.2	62537
2001 FY ₁₅₇	2009 10 19.0	01 35.09 +01 12.9	20.9 -0.81 - 1.9	2.3/16.6	93943
2007 BO ₅₇	2009 10 19.0	01 35.11 +21 03.3	20.0 -1.10 - 1.9	5.2/21.9	18191
2001 VW ₈₄	2009 10 19.0	01 35.15 +27 32.8	18.8 -0.89 - 9.2	6.5/25.3	62327
2007 AM ₁₄	2009 10 19.0	01 35.17 +07 33.2	20.2 -0.96 - 6.0	0.9/18.3	62499
2003 ST ₃₂₄	2009 10 19.0	01 35.20 +13 41.3	20.4 -0.82 - 3.6	1.2/20.2	37995
2005 UT ₃₂₂	2009 10 19.0	01 35.21 +07 35.2	19.1 -0.82 - 9.2	0.9/18.3	62452
2006 DP ₂₀₂	2009 10 19.0	01 35.23 +05 26.1	19.5 -0.84 - 2.3	1.3/17.8	62482
2009 SC ₁₃₃	2009 10 19.0	01 35.25 +04 38.7	20.6 -0.80 - 5.8	1.7/17.4	62221
2008 HJ ₃₅	2009 10 19.0	01 35.29 -07 53.4	20.1 -1.01 - 1.9	7.4/14.4	46585
2007 FM ₃₄	2009 10 19.0	01 35.31 +06 01.7	20.1 -1.00 - 0.8	1.4/18.1	62517
2002 CR ₈₁	2009 10 19.0	01 35.32 +11 54.0	19.3 -0.90 - 4.1	0.7/19.6	62340
1998 SX ₁₁₈	2009 10 19.0	01 35.33 +13 56.9	18.6 -0.95 - 0.4	1.4/20.1	61829
2005 TM ₁₆₄	2009 10 19.0	01 35.35 +11 37.5	20.5 -1.16 - 0.1	9.8/09.0	62442

2001 XK ₁₃₇	2009 10 19.0	01 35.35 +35 43.4 19.8	-0.92 - 9.5	8.9/28.8	97524
2006 VZ ₅₉	2009 10 19.0	01 35.40 -05 06.8 20.6	-1.10 - 1.9	6.0/15.4	22855
2005 QA ₇	2009 10 19.0	01 35.40 -00 02.9 19.7	-0.86 - 7.9	4.0/15.9	62425
2006 DO ₁₉₇	2009 10 19.0	01 35.42 +48 50.6 21.9	-1.14 - 0.7	8.8/31.5	56041
2005 OQ ₆	2009 10 19.1	01 35.37 +04 37.7 19.3	-0.96 - 4.0	2.3/17.6	62424
2008 FP ₇₉	2009 10 19.1	01 35.41 +13 38.6 21.9	-1.11 - 3.8	1.4/20.1	56130
2006 WO ₂₀	2009 10 19.1	01 35.42 +04 08.9 20.8	-0.97 - 6.1	2.1/17.4	62494
2007 HE ₇	2009 10 19.1	01 35.47 -09 00.4 20.6	-0.76 - 2.6	4.8/13.5	20629
2005 SG ₁₃₂	2009 10 19.1	01 35.48 +16 47.3 18.0	-0.78 -10.8	2.8/21.6	62435
2007 EF ₉₈	2009 10 19.1	01 35.49 -05 58.2 20.3	-0.79 - 9.4	5.1/13.6	59791
2001 FU ₁₆₃	2009 10 19.1	01 35.50 +05 34.7 20.5	-0.77 - 5.2	1.2/17.8	62313
2005 UT ₅₀₉	2009 10 19.1	01 35.53 +15 20.4 19.7	-0.98 - 3.9	1.9/20.6	62455
2005 WZ ₁₇₈	2009 10 19.1	01 35.53 -13 49.7 19.4	-0.90 - 3.7	8.8/11.7	34915
2000 SP ₉₇	2009 10 19.1	01 35.57 +12 12.5 18.9	-0.82 - 7.2	0.8/20.0	62307
2005 QM ₄₆	2009 10 19.1	01 35.57 +03 08.1 20.6	-0.96 - 5.0	2.6/17.2	37401
2007 DE ₅₆	2009 10 19.1	01 35.59 -06 33.1 20.3	-0.80 - 6.4	5.2/13.8	19362
2005 WH ₁₅₆	2009 10 19.1	01 35.60 +13 53.1 18.4	-0.74 -12.2	1.6/20.6	61995
2004 GC ₂₀	2009 10 19.1	01 35.60 +11 17.5 20.2	-0.96 - 6.1	0.5/19.6	61890
2004 XH ₁₃₀	2009 10 19.1	01 35.60 +36 13.0 19.1	-0.96 - 2.0	8.5/27.1	73695
2005 YF ₁₅₂	2009 10 19.1	01 35.61 +06 26.6 19.8	-0.83 - 3.9	1.2/18.1	62471
2007 GY ₆₇	2009 10 19.1	01 35.62 +12 15.0 21.4	-0.89 - 6.3	0.8/19.9	58088
2005 LQ ₂₂	2009 10 19.1	01 35.62 +02 33.0 20.7	-0.99 - 5.2	2.9/17.1	38042
2006 TT ₄₄	2009 10 19.1	01 35.63 +10 29.8 19.1	-0.97 - 6.5	13.2/09.0	62487
2008 DL ₂₁	2009 10 19.1	01 35.68 +06 05.4 19.9	-1.07 - 4.2	1.5/18.1	62072
1996 RY ₃₀	2009 10 19.1	01 35.69 +25 15.0 19.5	-0.60 - 1.6	2.8/24.0	62293
2005 UV ₁₃₃	2009 10 19.2	01 35.75 +14 30.1 20.2	-1.00 - 3.2	1.5/20.4	61964
2002 CF ₂	2009 10 19.2	01 35.75 -16 59.2 19.4	-0.86 - 2.8	9.3/10.9	62339
2005 UD ₃₀₈	2009 10 19.2	01 35.77 +10 39.0 19.7	-0.89 - 4.6	0.3/19.4	62451
2008 JX ₁₃	2009 10 19.2	01 35.79 +04 06.1 19.5	-0.87 - 6.7	2.1/17.4	62538
2005 WM ₂₄	2009 10 19.2	01 35.80 -00 21.1 19.9	-1.00 - 1.0	3.9/16.6	56036
2005 UQ ₄₃₁	2009 10 19.2	01 35.80 +07 04.9 20.6	-0.87 - 5.6	1.0/18.3	62454
2007 GT ₄₁	2009 10 19.2	01 35.81 +09 36.9 20.1	-0.76 - 4.2	0.1/19.1	62518
2006 AA ₂₃	2009 10 19.2	01 35.83 +27 42.3 20.8	-0.89 - 4.5	5.5/24.9	62474
2004 GE ₃₈	2009 10 19.2	01 35.85 +13 15.1 20.1	-0.90 -13.4	1.1/20.4	61890
2002 AS ₆₈	2009 10 19.2	01 35.89 +06 33.6 20.3	-0.88 - 4.7	1.3/18.2	62337
2004 TK ₅₇	2009 10 19.2	01 35.90 +11 30.5 20.5	-0.83 - 4.9	0.5/19.7	62404
2005 WP ₁₀₃	2009 10 19.2	01 35.90 -13 04.8 19.4	-1.02 + 1.6	9.5/13.7	97999
2005 VF ₈₁	2009 10 19.2	01 35.94 +21 03.4 20.3	-0.85 - 7.3	3.4/22.9	96403
2007 DK ₈₀	2009 10 19.2	01 36.02 +01 47.3 21.0	-0.84 - 5.8	2.6/16.8	62507
2008 GH ₁₂₈	2009 10 19.2	01 36.03 -22 44.7 21.3	-0.84 - 6.4	8.8/08.1	40593
2008 HX ₂₁	2009 10 19.2	01 36.07 -00 06.1 19.3	-1.02 + 0.4	3.8/17.0	57498
2007 DM ₆₀	2009 10 19.2	01 36.08 +10 15.4 20.2	-0.88 - 3.9	0.1/19.4	62507
2008 EP ₁₃₇	2009 10 19.2	01 36.13 +04 53.2 21.0	-0.98 - 5.9	1.9/17.8	62528
2005 WE ₁₉₀	2009 10 19.3	01 36.07 +07 29.0 18.9	-0.77 -11.7	0.9/18.4	62465
2004 VE ₈₈	2009 10 19.3	01 36.07 +08 31.2 20.5	-0.84 - 2.3	0.4/18.9	62413
2002 EY ₁₀₁	2009 10 19.3	01 36.11 -01 05.9 20.5	-0.87 - 2.9	3.3/16.2	62344
2005 LH ₂₃	2009 10 19.3	01 36.13 -01 35.6 19.1	-0.99 - 2.7	5.4/16.3	87682
2009 SL ₃₉	2009 10 19.3	01 36.14 +13 39.4 19.2	-0.95 - 2.6	1.3/20.3	62206
2005 VG ₁₁₂	2009 10 19.3	01 36.14 +17 38.4 19.6	-0.85 - 6.0	3.4/21.7	61984
2005 WT ₅	2009 10 19.3	01 36.19 +31 58.8 20.1	-0.89 -10.9	7.6/27.6	97977
2006 YC ₅₁	2009 10 19.3	01 36.19 +04 27.8 19.8	-0.98 - 5.0	2.3/17.7	62498

2008 QH ₃₇	2009 10 19.3	01 36.20 +23 14.3 20.1	-0.61 - 1.6	2.6/23.4	50154
2006 DJ ₂₆	2009 10 19.3	01 36.21 +24 31.0 20.5	-0.87 - 2.8	4.4/23.6	09518
2005 WO ₃₃	2009 10 19.3	01 36.22 +27 59.3 18.8	-0.85 - 8.3	7.0/25.7	97983
2005 YG ₁₃₂	2009 10 19.3	01 36.25 +11 24.5 20.6	-0.82 - 4.7	0.4/19.8	62471
2001 XN ₁₆₉	2009 10 19.3	01 36.25 +24 00.4 18.8	-0.88 - 7.0	5.3/24.0	62333
2009 SW ₂₀	2009 10 19.3	01 36.25 +01 18.5 19.8	-0.88 - 6.0	3.5/16.7	62202
2000 HB ₆	2009 10 19.3	01 36.26 +11 05.2 20.1	-0.97 - 5.1	0.4/19.6	62305
2007 BH ₆₈	2009 10 19.3	01 36.27 +16 54.8 19.8	-1.01 - 3.9	2.8/21.3	62502
2002 CN ₇₀	2009 10 19.3	01 36.29 +00 22.7 19.6	-0.81 - 5.3	3.2/16.4	17993
2003 GJ ₃₅	2009 10 19.3	01 36.34 +00 51.0 20.3	-0.83 - 7.4	2.9/16.4	62371
2007 EV ₁₁₂	2009 10 19.3	01 36.37 +08 10.3 19.8	-0.77 - 9.1	0.6/18.7	62513
2001 WJ ₉₁	2009 10 19.3	01 36.39 -01 13.5 18.1	-1.11 + 3.5	5.2/17.1	62330
2005 ND ₈₅	2009 10 19.3	01 36.40 +01 46.7 18.4	-0.76 -10.1	3.8/16.5	62423
2006 DE ₁₁₀	2009 10 19.3	01 36.40 +05 24.2 20.8	-0.72 - 6.7	1.3/17.9	62481
2008 HM ₄₄	2009 10 19.3	01 36.47 +06 49.3 22.3	-0.93 - 5.7	1.0/18.4	56131
2003 ED ₃₇	2009 10 19.3	01 36.48 -06 07.5 19.7	-0.99 - 1.5	5.5/15.2	62369
2003 SE ₁₅₉	2009 10 19.3	01 36.49 -01 12.5 20.5	-0.69 - 9.4	3.1/15.4	58455
2002 JM ₁₀₅	2009 10 19.3	01 36.50 +00 27.6 20.9	-0.75 - 3.6	2.4/16.5	19581
2004 ET ₆	2009 10 19.3	01 36.51 +07 52.4 20.7	-0.92 - 7.4	0.8/18.7	62386
2000 BL ₂₉	2009 10 19.3	01 36.53 +20 56.4 18.6	-1.09 - 2.4	5.1/22.2	62302
2004 XR ₁₀₈	2009 10 19.4	01 36.46 +08 30.9 19.7	-0.86 - 2.9	0.5/19.0	62415
2007 BD ₁₀₁	2009 10 19.4	01 36.47 -00 10.0 20.3	-0.94 - 5.9	3.9/16.3	59786
2003 SH ₃₄	2009 10 19.4	01 36.47 +08 54.3 20.4	-0.77 - 4.1	0.3/19.1	62375
2002 KR ₁	2009 10 19.4	01 36.48 +13 26.4 20.7	-0.79 - 4.2	0.9/20.4	62348
2003 AZ ₃₆	2009 10 19.4	01 36.49 +19 55.0 18.3	-0.89 - 7.5	4.5/22.6	62365
2003 GV ₄₂	2009 10 19.4	01 36.49 -11 20.0 20.5	-0.90 - 2.9	6.7/13.2	21794
2006 WA ₁₀₄	2009 10 19.4	01 36.52 +02 51.9 20.4	-1.03 - 4.3	2.7/17.4	14442
2002 PY ₁₈₆	2009 10 19.4	01 36.54 +11 36.6 20.1	-1.08 - 4.3	11.1/09.0	62351
2006 DG ₈	2009 10 19.4	01 36.54 +02 26.3 20.7	-0.71 - 6.2	2.0/16.9	41845
2005 BK ₁₉	2009 10 19.4	01 36.54 +52 45.6 19.0	-1.24 + 0.9	14.1/02.8	47339
2009 SB ₁₃₂	2009 10 19.4	01 36.58 +05 34.9 20.5	-0.48 - 3.2	0.8/18.0	62221
2005 RN ₂₁	2009 10 19.4	01 36.61 +11 43.8 19.7	-0.95 - 8.3	0.6/20.0	62430
2001 PG ₃₅	2009 10 19.4	01 36.68 +07 46.1 19.2	-0.99 - 3.1	1.0/18.8	62315
2006 FX ₄₅	2009 10 19.4	01 36.69 +00 10.6 19.8	-0.95 + 0.2	2.7/17.0	62483
2001 XT ₂₃₇	2009 10 19.4	01 36.71 +33 08.0 18.6	-0.85 - 8.0	10.0/28.2	62334
2001 XT ₅₇	2009 10 19.4	01 36.72 +15 59.4 19.5	-0.86 - 7.4	2.2/21.4	62331
2004 YG ₃₂	2009 10 19.4	01 36.76 +10 28.3 18.8	-1.17 + 2.5	0.1/19.5	61915
2002 RS ₁₇₈	2009 10 19.4	01 36.86 +12 39.0 19.2	-1.03 - 3.6	1.2/20.2	61862
2002 RN ₂₁₀	2009 10 19.4	01 36.92 +08 09.6 19.5	-0.96 - 7.5	0.8/18.9	62355
2003 GM	2009 10 19.4	01 36.98 +21 37.5 19.8	-1.78 + 5.4	5.5/21.3	61877
2001 SC ₁₅	2009 10 19.5	01 36.85 +18 50.6 18.7	-1.13 + 0.9	3.9/21.5	62318
2007 CT ₂₂	2009 10 19.5	01 36.90 -05 22.4 20.1	-0.89 - 7.6	5.4/14.5	59787
2006 AE ₇₈	2009 10 19.5	01 36.91 +32 27.6 20.6	-0.87 - 4.0	6.0/26.8	42792
2006 YK ₁₉	2009 10 19.5	01 36.91 -08 52.2 20.5	-0.95 - 4.3	7.1/13.9	15972
2006 BT ₂₆₉	2009 10 19.5	01 36.94 +03 02.1 19.5	-0.79 - 3.4	2.1/17.5	62479
2007 FA ₂₆	2009 10 19.5	01 36.98 +16 00.8 19.9	-0.94 - 3.5	2.1/21.2	62517
2008 RU ₅₅	2009 10 19.5	01 36.98 +15 47.3 19.4	-0.53 - 3.5	1.2/21.4	62542
2006 BE ₁₈₉	2009 10 19.5	01 36.99 +10 52.8 20.4	-0.81 - 3.2	0.2/19.8	02280
2008 RA ₁₂₅	2009 10 19.5	01 37.00 -04 11.3 20.4	-0.47 - 4.7	2.6/14.6	58159
2003 SD ₂₈₅	2009 10 19.5	01 37.00 +11 44.6 19.8	-0.71 - 8.1	0.5/20.1	62377
2002 GC ₁₃₇	2009 10 19.5	01 37.01 +20 31.7 18.8	-0.75 -11.7	3.0/23.4	40105

2003 QT ₂₉	2009 10 19.5	01 37.01 +00 40.4 20.3	-0.71 - 6.7	3.0/16.4	74264
2003 BS ₁₆	2009 10 19.5	01 37.03 +24 09.4 20.7	-1.02 - 2.8	4.3/23.5	18038
2007 DX ₁₁₁	2009 10 19.5	01 37.03 +07 32.5 19.9	-0.90 - 5.7	1.1/18.8	62509
2009 SS ₃₅	2009 10 19.5	01 37.04 +14 01.1 19.8	-0.86 - 2.8	1.2/20.7	62206
2003 AB ₅₇	2009 10 19.5	01 37.06 +01 16.2 19.6	-0.97 - 4.2	3.4/17.1	22727
1999 VE ₁₂₁	2009 10 19.5	01 37.07 +09 13.2 19.5	-0.91 - 2.2	0.3/19.3	62299
2007 CH ₄₅	2009 10 19.5	01 37.07 +10 23.5 19.8	-1.04 - 4.2	0.1/19.6	62503
2004 RQ ₂₇₀	2009 10 19.5	01 37.11 +05 55.3 20.1	-0.81 - 5.9	1.4/18.3	62401
2005 TU ₁₂₆	2009 10 19.5	01 37.11 +10 45.1 19.9	-0.97 - 3.8	9.7/09.0	62441
2003 SP ₇₀	2009 10 19.5	01 37.12 +26 33.7 19.3	-0.92 - 1.6	5.0/24.3	62375
2007 FQ ₂₇	2009 10 19.5	01 37.12 +08 11.3 20.1	-0.82 - 6.3	0.7/19.0	62517
2007 BN ₅₆	2009 10 19.5	01 37.13 +21 04.5 20.4	-1.07 - 3.8	4.2/22.6	19696
2005 UF ₁₀₂	2009 10 19.5	01 37.15 -00 54.0 19.2	-1.01 + 1.0	5.0/17.1	40149
2007 GM ₁₆	2009 10 19.5	01 37.21 +12 31.8 22.0	-0.77 - 4.3	0.6/20.3	26266
2005 SY ₂₃₇	2009 10 19.5	01 37.23 +13 29.1 19.7	-0.95 - 3.9	1.4/20.5	62437
2007 EW ₁₃	2009 10 19.5	01 37.26 +10 05.2 21.1	-0.82 - 5.1	0.0/19.6	40178
2007 CS	2009 10 19.6	01 37.20 +08 37.8 19.7	-0.97 - 6.7	0.6/19.2	62502
2007 HW ₉₅	2009 10 19.6	01 37.20 +03 38.7 22.2	-0.75 - 3.4	1.6/17.7	41344
2005 SO ₂₈₃	2009 10 19.6	01 37.20 -07 42.3 20.1	-0.84 - 5.9	6.7/13.9	24035
2006 DX ₂₀₄	2009 10 19.6	01 37.21 -06 30.1 21.5	-0.87 - 1.1	4.5/15.1	01452
2006 XQ ₆₉	2009 10 19.6	01 37.31 -13 02.3 19.9	-0.81 - 6.5	8.0/11.8	24142
2005 SH ₁₅₀	2009 10 19.6	01 37.31 +07 17.4 20.0	-0.91 - 3.7	1.2/18.8	97830
2008 GN ₆₈	2009 10 19.6	01 37.33 +01 39.0 21.0	-0.94 - 4.6	2.9/17.2	40759
2005 YY ₂₄₄	2009 10 19.6	01 37.35 +06 01.3 20.9	-0.76 - 4.2	1.1/18.4	62473
2005 WC ₁₇₆	2009 10 19.6	01 37.35 -02 50.6 18.8	-0.91 - 0.9	5.5/16.3	62464
2007 DW ₃₄	2009 10 19.6	01 37.36 -07 09.6 20.2	-0.79 - 9.7	6.4/13.5	21876
2005 SH ₂₆₆	2009 10 19.6	01 37.36 +22 14.1 19.9	-1.03 - 3.6	5.0/23.1	62438
2002 QQ ₈₁	2009 10 19.6	01 37.37 -02 40.8 20.4	-0.98 - 5.6	5.0/15.9	58434
2002 EE ₇₈	2009 10 19.6	01 37.37 +12 58.3 19.1	-0.90 - 1.9	0.9/20.4	62344
2005 WX ₂₀	2009 10 19.6	01 37.40 +21 27.6 19.6	-0.88 - 6.3	3.8/23.3	62460
2006 XQ ₅₇	2009 10 19.6	01 37.41 +15 36.1 20.0	-0.98 - 8.4	2.2/21.4	62497
2001 HS ₃₂	2009 10 19.6	01 37.44 +05 38.2 20.4	-0.80 - 3.0	1.2/18.4	62314
2003 SX ₄₃₁	2009 10 19.6	01 37.46 +11 23.5 20.7	-0.72 - 6.9	0.4/20.1	62378
2005 GT ₄₈	2009 10 19.6	01 37.46 +08 09.2 20.1	-1.12 - 3.1	0.9/19.2	62418
2007 JH ₃₁	2009 10 19.6	01 37.49 +05 37.2 20.8	-0.88 - 0.9	1.2/18.5	40180
2005 JH ₄₈	2009 10 19.6	01 37.51 -00 45.1 20.0	-1.02 - 5.1	4.4/16.6	62419
2006 PW ₅	2009 10 19.6	01 37.52 -32 48.8 20.5	-1.04 - 5.0	18.4/03.3	59109
2002 EN ₁₀₀	2009 10 19.6	01 37.55 +01 41.1 20.6	-0.79 - 6.4	2.6/17.0	62344
2002 RZ ₃₂	2009 10 19.6	01 37.58 +15 44.5 19.3	-0.90 - 4.5	2.9/21.3	62353
2007 GF ₄₁	2009 10 19.6	01 37.58 +11 17.5 20.1	-0.72 - 6.1	0.3/20.1	62518
2003 EK ₆₂	2009 10 19.6	01 37.59 -10 59.2 21.2	-0.83 - 4.3	6.0/13.2	40113
2002 AO ₁₅	2009 10 19.6	01 37.59 +35 24.9 18.2	-0.99 - 3.4	11.0/28.0	62336
2001 VJ ₁₀₉	2009 10 19.6	01 37.60 -17 08.4 20.5	-1.21 + 1.1	9.2/12.7	19555
2002 CV ₂₈₆	2009 10 19.6	01 37.60 +02 29.9 19.7	-0.88 - 3.5	2.6/17.5	62342
2009 QM ₃₇	2009 10 19.6	01 37.61 +00 33.9 18.9	-0.85 - 7.8	4.1/16.6	62164
2006 XL ₁	2009 10 19.6	01 37.65 +16 49.7 20.1	-1.03 - 6.7	3.1/21.7	62496
2003 GH ₄₁	2009 10 19.6	01 37.67 +05 41.1 20.1	-1.01 - 1.3	1.5/18.6	62371
2005 YW ₁₈	2009 10 19.7	01 37.59 +11 36.1 19.8	-0.87 - 5.3	0.5/20.1	62468
2003 QX ₇₆	2009 10 19.7	01 37.62 +36 46.5 19.7	-1.06 - 0.9	7.2/27.7	47254
2007 BS ₅₃	2009 10 19.7	01 37.62 +11 18.0 20.0	-1.01 - 5.0	10.2/30.0	62501
2006 AP ₆₂	2009 10 19.7	01 37.63 +05 11.5 20.5	-0.79 - 3.7	1.5/18.3	62475

2006 XR ₂₅	2009 10 19.7	01 37.64 -07 02.2 19.3	-1.07 - 1.4	8.1/15.2	40171
2008 HD ₃₈	2009 10 19.7	01 37.65 +04 45.1 18.2	-0.91 + 0.5	2.4/18.4	60575
2001 QM ₂₁₀	2009 10 19.7	01 37.66 +05 54.7 19.1	-0.66 - 4.6	1.2/18.4	62316
2005 UY ₃₅₅	2009 10 19.7	01 37.67 +02 24.5 20.1	-0.88 - 3.6	2.6/17.5	62453
2008 FH ₉₄	2009 10 19.7	01 37.67 +02 37.9 21.9	-0.84 - 5.8	2.4/17.4	41920
2003 BY ₅₆	2009 10 19.7	01 37.68 +12 30.9 20.4	-0.95 - 5.7	0.8/20.4	62367
2005 UK ₄₃	2009 10 19.7	01 37.78 +05 55.2 19.0	-1.25 + 3.4	1.7/18.9	19659
2007 EG ₁₄₆	2009 10 19.7	01 37.80 +08 28.4 21.5	-0.88 - 4.2	0.5/19.3	17841
2004 TG ₂₂	2009 10 19.7	01 37.80 +11 21.2 19.7	-0.79 - 6.9	0.4/20.1	62403
2003 FB ₄₀	2009 10 19.7	01 37.82 +11 21.3 20.4	-0.89 - 3.9	0.4/20.1	62370
2001 UB ₁₄₇	2009 10 19.7	01 37.84 +08 04.8 19.5	-0.95 - 3.4	0.9/19.2	62325
2005 XC ₃₅	2009 10 19.7	01 37.85 +02 49.0 19.0	-0.82 - 4.6	3.2/17.6	62466
2007 ED ₇₅	2009 10 19.7	01 37.86 +15 47.7 20.1	-0.87 - 2.7	1.7/21.3	62052
2007 HL ₂₉	2009 10 19.7	01 37.87 +07 17.2 20.5	-0.84 - 5.2	1.0/18.9	62520
2008 OB ₁₅	2009 10 19.7	01 37.90 +26 42.7 20.0	-0.92 - 4.1	5.0/24.8	46590
2001 FU ₈₃	2009 10 19.7	01 37.91 +03 07.9 21.0	-0.94 - 8.3	2.7/17.6	62313
2003 BP ₂₀	2009 10 19.7	01 37.91 +07 21.1 18.8	-0.98 - 4.4	1.1/19.0	62366
2005 TP ₃₀	2009 10 19.7	01 37.92 +04 46.8 18.7	-0.77 - 7.8	2.6/18.0	62439
2001 WR ₁₀	2009 10 19.7	01 37.92 +29 16.0 19.4	-0.88 -15.1	6.4/27.3	40098
2005 VT ₆₂	2009 10 19.7	01 37.98 +12 43.5 20.2	-0.95 - 6.0	1.0/20.5	62458
2007 CQ ₂₂	2009 10 19.7	01 38.02 +07 43.7 20.6	-0.95 - 5.3	0.9/19.1	62503
2000 BV ₁₃	2009 10 19.7	01 38.06 +19 34.6 20.1	-1.04 - 4.5	3.6/22.4	19520
2001 QN ₂₃₄	2009 10 19.7	01 38.14 +42 54.2 19.7	-1.90 + 5.0	16.2/27.0	58410
2008 HB ₁₂	2009 10 19.8	01 37.96 +06 49.5 19.7	-1.14 + 0.9	1.2/19.1	62536
2007 CW ₅₉	2009 10 19.8	01 37.99 +10 40.5 18.5	-0.89 - 7.1	11.5/30.0	62504
2007 CW ₅₄	2009 10 19.8	01 38.01 +01 59.9 21.0	-0.90 - 4.2	2.6/17.5	41861
2008 UA	2009 10 19.8	01 38.02 +30 04.1 19.8	-0.54 - 4.5	3.6/26.9	46990
2006 AB ₅₁	2009 10 19.8	01 38.05 +10 52.6 20.0	-0.82 - 5.2	8.7/09.0	62475
2005 YX ₂₇₃	2009 10 19.8	01 38.20 +35 54.7 20.6	-0.90 - 2.7	6.3/28.1	60857
2005 XF ₈₄	2009 10 19.8	01 38.20 -03 04.7 20.4	-0.85 - 1.4	3.6/16.3	41835
2007 AP ₂₃	2009 10 19.8	01 38.21 +00 19.5 19.5	-0.92 - 7.1	4.2/16.8	62499
2002 CP ₁₅₈	2009 10 19.8	01 38.22 -01 35.7 20.2	-0.49 - 2.9	2.1/16.0	43147
2007 GF ₃₆	2009 10 19.8	01 38.27 +02 06.4 19.4	-0.87 - 2.2	2.6/17.7	62518
2005 WB ₆₁	2009 10 19.8	01 38.28 +20 07.7 20.1	-0.90 - 5.9	3.6/22.9	01125
2005 OS ₈	2009 10 19.8	01 38.29 +29 39.4 19.6	-0.85 - 6.5	9.6/27.0	56024
2008 GP ₅₂	2009 10 19.8	01 38.29 +07 07.4 21.3	-0.95 - 7.3	1.2/18.9	39061
2005 QN ₁₃₀	2009 10 19.8	01 38.29 +12 46.2 20.5	-1.05 - 3.0	0.9/20.5	62429
2005 SY ₇₅	2009 10 19.8	01 38.31 +06 11.2 20.3	-0.88 - 7.7	1.5/18.6	62433
2002 GB ₁₆₅	2009 10 19.8	01 38.32 +01 57.6 19.9	-0.86 - 2.1	2.5/17.6	62347
2001 TH ₁₃	2009 10 19.8	01 38.33 +11 44.3 18.9	-1.04 -19.4	0.6/20.4	62321
2007 DM ₉₈	2009 10 19.8	01 38.33 -04 47.4 22.3	-0.72 - 5.1	3.7/15.2	41321
2006 YE ₃	2009 10 19.8	01 38.33 +24 53.1 19.7	-1.03 - 6.7	5.1/24.5	62497
2008 DP ₈₂	2009 10 19.8	01 38.35 -05 58.5 18.8	-0.83 - 9.8	7.1/14.4	40736
2006 CN ₆₅	2009 10 19.8	01 38.37 +05 31.8 19.9	-0.80 - 5.1	1.7/18.5	62480
2003 SV ₂₉₇	2009 10 19.8	01 38.38 +21 27.8 18.9	-0.70 - 9.7	4.0/24.0	76024
2002 CK ₂₁₆	2009 10 19.8	01 38.38 +19 37.8 19.6	-0.93 - 3.1	3.1/22.5	62342
2005 UZ ₄₅₁	2009 10 19.8	01 38.39 +02 17.1 19.0	-0.86 - 4.3	3.3/17.6	61977
2002 EK ₅	2009 10 19.8	01 38.39 +16 05.8 20.5	-0.91 - 3.5	2.0/21.6	62343
2004 XG ₂₆	2009 10 19.8	01 38.41 +03 42.4 18.4	-0.81 - 2.5	2.3/18.1	62414
2005 WT ₁₀₀	2009 10 19.9	01 38.37 +06 57.7 19.8	-0.89 - 4.0	1.3/19.0	62462
2007 EE ₅₂	2009 10 19.9	01 38.43 +08 12.7 19.5	-0.80 - 6.2	0.6/19.3	62511

2002 VR ₁₃₅	2009 10 19.9	01 38.45 +09 45.7 20.6	-1.00	- 4.6	10.8/30.0	62362
2004 PM ₉₃	2009 10 19.9	01 38.49 +24 37.5 19.4	-0.89	- 4.7	5.2/24.4	62395
2005 WJ ₅₄	2009 10 19.9	01 38.49 +39 08.5 20.1	-1.05	-10.2	9.6/30.3	60851
2009 SQ ₄₀	2009 10 19.9	01 38.49 +12 12.4 19.8	-1.11	- 3.7	0.9/20.4	62207
2007 EK ₂₀₅	2009 10 19.9	01 38.51 +02 32.1 20.2	-0.73	- 6.5	2.3/17.4	62515
2006 EU ₇₃	2009 10 19.9	01 38.52 +14 27.5 20.9	-0.67	- 2.3	0.9/21.2	62014
2002 YN ₁₄	2009 10 19.9	01 38.53 +07 42.0 19.5	-0.95	- 5.3	1.0/19.2	62365
2006 BX ₁₁₄	2009 10 19.9	01 38.55 -00 00.6 19.7	-0.72	- 6.3	3.2/16.6	62477
2002 TZ ₃₃₁	2009 10 19.9	01 38.56 +04 09.1 21.4	-0.96	- 7.1	2.3/18.1	69407
2000 VE ₅₁	2009 10 19.9	01 38.56 +23 13.6 18.9	-0.84	- 7.9	4.4/24.3	62310
2007 BM ₃₇	2009 10 19.9	01 38.57 +14 23.1 20.2	-0.96	- 5.4	1.5/21.2	16386
2007 FH ₂₅	2009 10 19.9	01 38.59 +12 13.7 21.0	-0.91	- 3.5	0.7/20.5	19459
2001 XL ₉₄	2009 10 19.9	01 38.62 +11 54.1 18.7	-0.93	- 4.3	0.7/20.4	62332
2004 RL ₂₆	2009 10 19.9	01 38.66 +27 37.5 19.6	-1.06	- 0.7	6.9/24.7	62397
2007 HE ₂₃	2009 10 19.9	01 38.72 -02 34.7 19.6	-0.84	- 1.2	4.0/16.5	62520
2007 CQ ₁₀	2009 10 19.9	01 38.73 +11 08.2 21.1	-0.95	- 5.3	0.3/20.2	62502
2004 XF ₁₁₀	2009 10 19.9	01 38.74 +23 36.6 18.9	-0.84	- 3.9	4.3/24.0	62415
2003 QW ₁₀₈	2009 10 19.9	01 38.74 -07 29.5 20.0	-0.76	- 4.2	5.4/14.6	62374
2005 UP ₁₆	2009 10 19.9	01 38.78 +09 31.2 19.2	-0.83	- 8.9	0.3/19.8	62443
2003 SP ₆₂	2009 10 20.0	01 38.71 +16 17.1 20.3	-0.75	- 6.2	1.8/22.0	61880
2002 OA ₁₆	2009 10 20.0	01 38.74 +00 22.7 17.7	-0.71	- 7.7	5.3/16.7	62349
2000 QP ₁₈	2009 10 20.0	01 38.74 +20 37.9 19.0	-0.98	- 4.2	4.1/23.1	62305
2006 BY ₁₂₀	2009 10 20.0	01 38.74 +08 13.8 19.9	-0.75	- 5.5	0.6/19.4	62477
2006 BF ₁₈₈	2009 10 20.0	01 38.75 +24 48.8 19.5	-0.98	- 0.6	4.7/23.8	62010
2006 YG ₄₃	2009 10 20.0	01 38.79 +34 26.7 20.4	-1.09	- 4.5	8.1/27.6	16377
2008 SV ₃₆	2009 10 20.0	01 38.80 +09 53.8 20.1	-0.53	- 3.2	0.1/19.9	62542
2006 BW ₁₉₀	2009 10 20.0	01 38.81 +00 18.5 19.8	-0.75	- 5.2	3.0/16.9	62478
2001 XN ₃₆	2009 10 20.0	01 38.81 +08 53.3 17.2	-1.08	+ 4.4	0.7/19.8	62331
2006 AG ₁₅	2009 10 20.0	01 38.82 +26 36.1 20.5	-0.89	- 4.4	5.9/25.1	98075
2004 DF ₁₂	2009 10 20.0	01 38.83 -00 46.9 18.4	-0.95	- 7.0	4.8/16.6	62385
2004 RC ₁₈₈	2009 10 20.0	01 38.85 +23 03.7 19.3	-0.88	- 4.1	4.9/23.9	95403
2005 VJ ₈₉	2009 10 20.0	01 38.85 +03 49.2 20.4	-0.86	- 5.7	2.4/18.1	62458
2006 VM ₁₄₆	2009 10 20.0	01 38.85 +01 36.5 18.4	-0.92	- 7.3	4.2/17.4	62493
2008 SY ₁₇₂	2009 10 20.0	01 38.87 +18 49.5 19.0	-0.50	- 5.8	1.6/23.1	62542
1996 TH ₁₆	2009 10 20.0	01 38.91 +32 47.6 20.4	-0.64	- 1.2	4.0/27.2	57948
2005 QN ₃₃	2009 10 20.0	01 38.91 +04 40.7 19.3	-0.90	- 5.8	2.5/18.4	62426
2006 BT ₁₄₂	2009 10 20.0	01 38.91 +23 39.7 21.2	-0.88	- 2.5	4.0/23.9	22809
2001 SO ₁₈₄	2009 10 20.0	01 38.92 +36 40.7 20.4	-1.74	+ 2.3	12.3/25.8	37934
2008 HK ₁₃	2009 10 20.0	01 38.93 +09 48.6 20.3	-1.02	- 7.1	0.2/19.9	62536
2005 UM ₃₈₇	2009 10 20.0	01 38.94 +22 48.3 19.6	-0.78	-11.2	5.2/25.0	97946
2006 VO ₂₈	2009 10 20.0	01 38.95 +06 30.0 19.5	-1.10	+ 0.9	2.0/19.2	62022
2005 XE ₇₆	2009 10 20.0	01 38.96 +02 02.9 20.0	-0.89	- 3.3	2.8/17.7	98028
2007 ED ₁₀	2009 10 20.0	01 38.98 -05 43.0 21.7	-0.83	- 6.8	4.8/14.9	41864
2002 RY ₂₆₆	2009 10 20.0	01 38.98 +09 12.5 20.0	-0.95	- 8.8	0.4/19.7	62355
2001 VS ₇₂	2009 10 20.0	01 38.99 +11 37.3 20.0	-0.94	- 4.6	0.5/20.4	62327
2006 BB ₁₆₆	2009 10 20.0	01 39.03 +09 31.5 19.6	-0.78	- 4.6	0.3/19.8	62478
2002 XC ₁₅	2009 10 20.0	01 39.05 +14 30.0 19.6	-0.90	- 6.8	2.0/21.4	61874
2004 TV ₆₃	2009 10 20.0	01 39.06 +08 28.4 20.3	-0.77	- 6.0	0.5/19.5	62404
2009 SV ₁₃₃	2009 10 20.0	01 39.08 +04 53.4 20.2	-0.85	- 4.5	1.9/18.5	62221
2002 TX ₂₀₅	2009 10 20.0	01 39.08 +17 15.5 18.9	-1.02	- 5.1	3.1/22.1	62358
2005 UF ₄₅₂	2009 10 20.0	01 39.11 +30 46.6 20.1	-0.89	- 5.8	6.5/26.8	55201

2006 DP ₁₉₇	2009 10 20.0	01 39.11 +12 27.1 20.0	-0.71	- 7.5	0.6/20.8	62482
2004 VC ₃₉	2009 10 20.0	01 39.12 -05 24.0 20.1	-0.86	- 0.7	4.4/16.0	19645
2002 RH ₁₅₆	2009 10 20.0	01 39.15 +13 24.5 20.8	-1.08	- 7.0	1.3/21.0	13938
2005 SJ ₂₃₁	2009 10 20.0	01 39.16 +11 02.9 19.8	-0.98	- 2.3	0.3/20.3	61942
2002 GF ₁₇₀	2009 10 20.1	01 39.11 +14 04.1 20.9	-0.74	- 7.3	1.0/21.4	62347
2004 XL ₇₇	2009 10 20.1	01 39.11 +21 39.5 19.1	-0.78	- 5.9	3.5/23.8	58487
2005 XB ₁₃	2009 10 20.1	01 39.12 +02 44.0 19.8	-0.83	- 4.7	2.4/17.9	57433
2006 YT ₈	2009 10 20.1	01 39.14 -02 02.5 19.5	-0.99	- 4.1	5.4/16.6	16375
2009 SJ ₁₃₁	2009 10 20.1	01 39.16 +08 13.8 19.5	-0.98	- 1.4	0.8/19.6	62220
2007 AR ₂₈	2009 10 20.1	01 39.16 +03 00.9 20.1	-0.91	- 4.4	2.5/18.0	39826
2005 YD ₃₂	2009 10 20.1	01 39.18 -07 02.4 19.9	-0.79	- 3.5	5.5/14.9	62468
2001 JS	2009 10 20.1	01 39.18 +09 51.6 20.6	-0.96	- 8.0	0.2/20.0	07915
2004 DC ₄₄	2009 10 20.1	01 39.19 -03 09.5 19.7	-0.99	- 4.3	5.3/16.3	62386
2004 SM ₂₃	2009 10 20.1	01 39.21 +11 12.8 20.5	-0.85	- 3.7	0.3/20.4	62402
2002 PR ₁₈₇	2009 10 20.1	01 39.27 +26 12.0 19.3	-1.08	- 3.4	7.9/25.0	48872
2007 DF	2009 10 20.1	01 39.28 +02 16.7 19.8	-1.01	- 4.2	3.1/17.9	62504
2006 UV ₂₃₄	2009 10 20.1	01 39.29 -01 38.6 19.4	-1.01	- 2.6	5.4/17.0	40166
2005 QB ₁₇₆	2009 10 20.1	01 39.30 +06 57.0 19.1	-1.03	- 2.1	1.4/19.3	62429
2007 GB ₆₂	2009 10 20.1	01 39.31 +16 25.8 20.8	-0.75	- 6.1	1.8/22.1	62519
2005 SY	2009 10 20.1	01 39.32 +14 29.1 19.4	-0.93	- 8.5	1.6/21.5	62431
2005 YK ₂₃₆	2009 10 20.1	01 39.32 +16 26.8 20.6	-0.90	- 3.9	2.1/21.9	62473
2006 XH ₁₉	2009 10 20.1	01 39.40 +08 42.4 20.4	-0.97	- 6.3	0.7/19.7	62496
2002 XD ₇₁	2009 10 20.1	01 39.41 +19 13.1 18.7	-0.99	- 5.6	3.6/22.8	62364
2002 PW ₁₁₁	2009 10 20.1	01 39.43 +05 22.2 19.9	-0.98	- 5.3	2.4/18.8	61853
2007 AF ₂₉	2009 10 20.1	01 39.45 +22 29.4 19.9	-1.01	- 4.4	5.3/23.7	40173
2003 FB ₅₉	2009 10 20.1	01 39.47 +10 07.4 19.7	-1.01	- 1.9	0.1/20.1	62370
2005 PU ₄	2009 10 20.1	01 39.51 -08 14.7 19.2	-1.07	+ 0.4	8.4/16.1	62425
2005 VK ₆₉	2009 10 20.1	01 39.51 -00 02.2 20.7	-0.99	- 3.0	4.3/17.3	97968
2002 PB ₁₁	2009 10 20.1	01 39.55 +11 16.0 18.8	-0.97	- 4.2	0.5/20.5	61852
2002 QO ₁₁	2009 10 20.2	01 39.48 +13 17.8 19.4	-0.90	- 5.8	1.5/21.1	61854
2003 UP ₂₉₄	2009 10 20.2	01 39.49 +22 05.3 19.8	-0.83	- 3.0	3.6/23.7	72977
2007 EN ₁₃₁	2009 10 20.2	01 39.51 +05 57.3 20.5	-0.84	- 6.7	1.6/18.8	62513
2008 KQ ₂₂	2009 10 20.2	01 39.55 -08 59.8 21.4	-0.93	- 1.8	6.4/15.1	40775
2006 XH ₄₃	2009 10 20.2	01 39.57 +05 18.3 21.2	-0.94	- 5.2	1.7/18.8	18183
2006 XO ₁₄	2009 10 20.2	01 39.57 +04 30.8 19.8	-1.02	- 4.3	2.5/18.6	62496
1998 HK ₁₅₆	2009 10 20.2	01 39.58 -02 57.4 20.4	-0.90	- 1.7	3.9/16.7	17895
2007 GV ₂₇	2009 10 20.2	01 39.61 -07 32.7 21.6	-0.71	- 4.2	4.3/14.6	21363
2001 TQ ₁₃₉	2009 10 20.2	01 39.62 +03 41.1 19.6	-0.97	- 3.0	2.8/18.5	40096
2005 WG ₁₁₆	2009 10 20.2	01 39.64 +20 39.0 20.1	-0.85	- 7.5	3.2/23.6	20826
2004 TK ₂₅	2009 10 20.2	01 39.67 +19 23.4 20.6	-1.01	- 1.2	2.9/22.6	62404
1999 TF ₂₉₄	2009 10 20.2	01 39.69 +13 30.9 20.0	-1.07	- 5.0	1.3/21.1	62298
2004 CC ₈₅	2009 10 20.2	01 39.70 +03 47.7 20.2	-1.02	- 3.9	2.5/18.5	62384
2004 RF ₈₈	2009 10 20.2	01 39.75 +14 10.3 20.4	-0.89	- 4.0	1.3/21.4	61895
2005 UN ₁₅₁	2009 10 20.2	01 39.76 +12 38.2 20.3	-0.91	- 5.1	0.8/20.9	62447
2004 SV ₁₁	2009 10 20.2	01 39.77 -03 51.0 18.7	-0.95	- 0.1	5.4/16.8	62402
2008 JQ ₈	2009 10 20.2	01 39.78 -14 50.4 21.1	-0.89	- 1.6	7.8/13.4	40770
2002 QG ₆₅	2009 10 20.2	01 39.80 -00 36.1 19.1	-0.90	- 7.5	5.1/16.8	62351
2005 WW ₁₁₅	2009 10 20.2	01 39.82 -12 43.4 19.6	-0.81	- 6.2	8.4/12.5	62463
2001 XD ₆₅	2009 10 20.2	01 39.86 +33 00.4 17.4	-0.74	- 6.9	10.9/29.1	62331
2004 OL ₁	2009 10 20.2	01 39.88 -10 22.0 19.6	-0.83	- 5.3	7.0/13.8	60805
2004 CU ₅₈	2009 10 20.2	01 39.92 +09 53.4 20.0	-1.02	- 4.2	0.2/20.2	62384

2004 XW ₃₅	2009 10 20.2	01 39.92 +39 21.2 19.5	-1.24 -11.5	12.2/31.2	35897
2007 DS ₆₀	2009 10 20.3	01 39.84 +12 26.5 22.5	-0.88 - 4.9	0.6/20.9	19705
2004 VR ₇₅	2009 10 20.3	01 39.87 -22 05.3 19.2	-1.70 + 9.1	16.8/15.3	59747
2008 GM ₁₁₈	2009 10 20.3	01 39.88 +10 08.4 20.9	-0.96 - 6.2	0.1/20.2	62535
2004 XV ₁₇	2009 10 20.3	01 39.92 -14 13.4 18.9	-0.70 - 6.4	8.3/11.7	62414
2007 JT ₃₈	2009 10 20.3	01 39.94 +13 33.9 20.9	-0.85 - 5.1	1.0/21.3	62521
2006 YB ₁	2009 10 20.3	01 39.95 -00 59.3 18.8	-0.99 - 1.5	5.8/17.5	62497
2007 JA ₂₃	2009 10 20.3	01 39.96 +28 07.0 20.4	-0.80 - 5.7	4.9/26.2	43283
1998 SD ₉₈	2009 10 20.3	01 39.97 +18 08.4 18.8	-0.97 - 0.2	2.7/22.3	62295
2004 EM ₈	2009 10 20.3	01 39.99 +11 30.0 20.8	-0.98 - 5.2	0.4/20.7	61887
2006 BT ₃₂	2009 10 20.3	01 40.00 +11 39.5 19.8	-0.83 - 3.7	0.4/20.7	62476
2008 EX ₂₀	2009 10 20.3	01 40.01 +10 11.5 20.7	-1.02 - 6.8	0.1/20.3	62526
2002 GA ₁₈₆	2009 10 20.3	01 40.09 +11 34.7 21.2	-0.79 - 5.2	0.4/20.7	62347
2006 BZ ₄₇	2009 10 20.3	01 40.09 +06 33.2 21.3	-0.76 - 4.1	1.0/19.2	19687
2007 CZ ₄₆	2009 10 20.3	01 40.14 -03 58.8 20.9	-0.81 - 6.5	4.3/15.8	33536
2002 YO ₃₀	2009 10 20.3	01 40.15 +00 20.1 20.7	-0.95 - 5.3	3.6/17.4	62365
2007 HL ₅₈	2009 10 20.3	01 40.15 -04 04.5 20.4	-0.77 - 2.4	3.9/16.3	41343
2002 GG ₄₅	2009 10 20.3	01 40.16 +13 55.9 19.0	-0.92 - 1.6	1.2/21.3	62346
2002 TN ₃₅₂	2009 10 20.3	01 40.19 +13 04.7 20.8	-0.99 - 8.2	1.1/21.2	62359
2008 CE ₁₉₂	2009 10 20.3	01 40.19 +38 16.3 19.2	-1.77 + 4.6	14.1/26.3	62524
2004 VD ₄₈	2009 10 20.3	01 40.20 -19 47.7 20.8	-0.86 - 0.6	7.4/11.4	62412
2006 FJ ₅₀	2009 10 20.3	01 40.23 -17 58.9 21.1	-0.87 - 0.7	7.1/12.1	34921
2005 WA ₁₃₁	2009 10 20.3	01 40.24 +03 39.6 19.8	-0.90 - 3.3	2.3/18.5	40157
2001 PZ ₁₅	2009 10 20.3	01 40.25 +12 57.2 18.7	-0.96 - 2.5	1.2/21.1	62315
2007 EQ ₁₈₁	2009 10 20.3	01 40.27 +12 07.7 19.6	-0.79 - 8.5	0.6/21.0	62059
2005 VC ₂₈	2009 10 20.3	01 40.28 +12 29.1 20.7	-0.94 - 3.9	0.8/21.0	62457
2002 JB ₇₂	2009 10 20.4	01 40.23 -20 34.0 20.3	-0.93 + 1.0	8.4/12.6	19580
2002 ED ₉₅	2009 10 20.4	01 40.25 -09 23.9 20.0	-0.76 - 8.4	6.4/13.4	62344
2006 BQ ₉	2009 10 20.4	01 40.27 +26 12.7 20.4	-0.83 - 5.3	4.5/25.5	09495
2005 XC ₁₀₇	2009 10 20.4	01 40.29 +02 53.5 20.5	-0.75 - 5.2	2.3/18.1	98030
2005 UC ₃₆₀	2009 10 20.4	01 40.30 +10 55.9 20.5	-0.90 - 4.7	0.2/20.6	62453
2008 SM ₂₃	2009 10 20.4	01 40.30 -10 15.8 20.9	-0.48 - 5.2	3.8/13.0	55508
2005 UL ₆₂	2009 10 20.4	01 40.31 +06 27.3 20.2	-0.94 - 3.8	1.4/19.3	62444
2003 GZ ₄₈	2009 10 20.4	01 40.34 -07 56.6 19.9	-0.79 - 8.8	6.6/14.1	57984
2004 FW ₁₂₆	2009 10 20.4	01 40.35 +07 08.0 19.5	-0.95 - 7.0	1.2/19.4	62390
2007 AT ₉	2009 10 20.4	01 40.36 +02 10.7 20.7	-1.01 - 4.5	3.3/18.1	62499
2006 YX ₅₃	2009 10 20.4	01 40.36 -00 55.4 21.0	-0.92 - 5.3	4.0/17.1	40446
2007 AC ₂₁	2009 10 20.4	01 40.38 -15 05.3 19.8	-0.85 - 6.2	10.0/11.7	15988
2006 AT ₇₂	2009 10 20.4	01 40.38 +23 33.5 20.0	-0.86 - 4.6	4.2/24.5	98085
2000 BN ₁₆	2009 10 20.4	01 40.39 +05 05.2 19.6	-1.00 - 5.1	2.1/18.9	62302
2006 HS ₁₁₀	2009 10 20.4	01 40.40 -01 36.1 19.6	-0.94 - 1.1	4.0/17.3	19291
2006 WF ₁₉₈	2009 10 20.4	01 40.42 +11 23.2 20.8	-0.98 - 5.4	0.4/20.7	62495
2007 CW ₄₁	2009 10 20.4	01 40.42 +13 13.9 20.0	-1.00 - 5.9	1.1/21.3	62503
2005 UM ₁	2009 10 20.4	01 40.42 +03 13.2 19.5	-0.90 - 2.6	3.5/18.5	89929
2000 DW ₅₆	2009 10 20.4	01 40.43 +04 54.4 20.3	-0.72 - 5.3	1.5/18.7	62303
2003 GR ₅₃	2009 10 20.4	01 40.44 +04 13.0 19.2	-0.79 - 9.1	2.2/18.4	62371
2007 DY ₈₈	2009 10 20.4	01 40.44 +03 04.0 20.1	-0.87 - 5.6	2.7/18.2	62508
2008 HR ₄₇	2009 10 20.4	01 40.46 +04 13.7 22.4	-0.96 - 7.3	2.1/18.6	41924
2003 SK ₃₀₉	2009 10 20.4	01 40.48 +18 39.0 19.8	-0.81 - 3.4	2.2/22.9	62377
2008 FT ₄₄	2009 10 20.4	01 40.49 +02 44.1 19.4	-0.95 - 7.6	3.2/18.1	62530
2005 UQ ₅₁₂	2009 10 20.4	01 40.49 +06 39.8 18.5	-0.96 - 0.7	1.7/19.5	61980

1994 VA ₅	2009 10 20.4	01 40.50 +13 21.1 20.3	-1.00 - 4.5	1.1/21.3	62291
2001 HM ₄₆	2009 10 20.4	01 40.53 +10 12.9 19.5	-1.07 - 4.2	0.1/20.4	62314
2004 XZ ₁₁	2009 10 20.4	01 40.55 +28 25.0 19.8	-0.78 - 6.1	4.8/26.5	62414
2005 ML ₃₄	2009 10 20.4	01 40.56 +04 00.2 20.2	-0.99 - 5.6	2.5/18.7	62421
2002 DW ₁₅	2009 10 20.4	01 40.56 -05 46.5 20.4	-0.47 - 4.1	2.9/14.9	47206
2005 NE ₈₀	2009 10 20.4	01 40.59 +01 28.6 19.1	-1.05 - 1.1	4.0/18.3	62423
2004 CL ₁₈	2009 10 20.4	01 40.60 -02 29.8 19.8	-0.98 - 5.0	5.0/16.8	40119
2007 EK ₁₄₅	2009 10 20.4	01 40.61 +01 12.7 20.1	-0.80 - 5.9	3.2/17.6	62514
2008 FK ₅₉	2009 10 20.4	01 40.63 +04 21.3 20.3	-1.02 - 6.6	2.3/18.7	62530
2004 VH ₅₈	2009 10 20.4	01 40.64 +20 26.8 19.7	-0.79 - 5.5	2.9/23.7	41821
2005 TK ₁₇₈	2009 10 20.4	01 40.64 +01 24.9 19.8	-0.79 -10.9	3.3/17.3	62442
2001 TC ₁₃	2009 10 20.4	01 40.65 +00 02.3 18.7	-0.86 -27.9	4.6/16.1	61840
2005 VU ₅₆	2009 10 20.4	01 40.66 -08 51.7 19.3	-1.04 + 1.4	7.6/16.2	62457
2004 FP ₄₉	2009 10 20.4	01 40.67 +12 31.2 20.2	-1.03 - 6.1	0.8/21.1	62389
2002 RH ₂₁₁	2009 10 20.4	01 40.70 +08 48.5 19.0	-1.18 - 0.6	0.7/20.1	62355
2005 MC ₄₈	2009 10 20.5	01 40.59 +02 02.5 20.1	-0.83 - 8.3	3.7/17.8	86859
2009 RD ₅₂	2009 10 20.5	01 40.63 +06 54.4 19.6	-0.75 - 7.3	1.2/19.4	62196
2004 JZ ₁₀	2009 10 20.5	01 40.64 +02 32.6 19.8	-0.85 - 7.9	2.8/18.0	62392
2005 SD ₄₉	2009 10 20.5	01 40.64 +09 49.1 19.6	-0.91 - 4.2	0.3/20.3	62432
2007 HT ₃₂	2009 10 20.5	01 40.66 +12 33.9 20.6	-0.96 - 2.0	0.7/21.1	62065
2005 QV ₁₁₃	2009 10 20.5	01 40.68 +01 56.8 20.3	-0.86 - 7.6	3.3/17.9	62428
2007 HM ₆₀	2009 10 20.5	01 40.69 +06 59.7 18.9	-0.77 - 4.9	1.2/19.5	62520
2001 XX ₁₁₀	2009 10 20.5	01 40.74 -02 16.7 19.2	-0.90 - 3.2	5.2/17.0	40100
2000 QC ₁₇₁	2009 10 20.5	01 40.75 +08 46.2 19.0	-0.83 - 8.3	0.6/20.0	62306
2004 CM ₄₆	2009 10 20.5	01 40.76 +02 46.2 19.0	-0.95 - 8.0	3.3/18.1	62384
2007 FQ	2009 10 20.5	01 40.77 +11 28.8 20.2	-0.89 - 3.9	0.3/20.8	62516
2004 RO ₁₄₁	2009 10 20.5	01 40.82 +24 34.1 20.4	-1.02 - 2.2	4.7/24.5	20348
2005 WS ₉₁	2009 10 20.5	01 40.91 +09 23.7 18.7	-0.83 - 5.8	0.5/20.2	62462
2004 BY ₁₀₇	2009 10 20.5	01 40.94 +02 48.5 19.9	-1.04 - 4.8	3.4/18.4	14710
2002 TG ₂₈₆	2009 10 20.5	01 40.96 +27 20.8 18.1	-0.84 - 8.4	8.2/26.6	62359
2006 DT ₂₀₄	2009 10 20.5	01 41.02 +03 35.9 18.4	-1.01 + 1.8	2.4/19.1	62482
2004 ES ₃₀	2009 10 20.5	01 41.03 +12 52.1 20.2	-0.97 - 5.9	0.9/21.3	62386
2005 QN ₁₂₃	2009 10 20.5	01 41.04 +12 09.8 20.4	-0.98 - 5.4	0.7/21.1	62428
2007 EB ₂₀₆	2009 10 20.6	01 40.97 +03 54.3 20.0	-0.87 - 4.6	2.6/18.7	62515
2004 VT ₄	2009 10 20.6	01 40.99 +14 40.7 19.1	-1.01 - 0.2	1.6/21.6	62411
2002 OX	2009 10 20.6	01 41.00 +04 58.7 19.2	-0.97 - 8.8	2.4/18.9	62349
2003 QE ₄₈	2009 10 20.6	01 41.00 +18 12.3 19.2	-0.78 - 6.1	2.5/23.1	62373
2005 YZ ₄₄	2009 10 20.6	01 41.00 +02 01.5 20.1	-0.81 - 5.1	3.1/18.1	17654
2002 QA ₉₃	2009 10 20.6	01 41.02 +13 39.7 19.9	-1.14 - 3.2	1.4/21.4	62352
2006 XP ₉	2009 10 20.6	01 41.03 -01 23.3 19.5	-1.04 - 2.9	5.1/17.5	53586
2007 DX ₁₃	2009 10 20.6	01 41.03 +11 51.4 20.0	-1.02 - 3.3	0.6/21.0	62505
2004 TQ ₆₈	2009 10 20.6	01 41.03 +02 11.6 19.3	-0.84 - 3.2	2.9/18.3	74380
2004 FU ₃₈	2009 10 20.6	01 41.04 +11 20.6 19.2	-0.91 - 8.3	0.3/20.9	62389
2009 RQ ₅₂	2009 10 20.6	01 41.06 +06 33.2 20.8	-0.89 - 5.6	1.3/19.5	62196
2002 TG ₂₀	2009 10 20.6	01 41.06 +11 00.0 18.8	-0.89 - 8.3	0.2/20.8	62356
2008 GK ₄₆	2009 10 20.6	01 41.08 +00 08.1 21.5	-1.02 - 4.1	3.7/17.8	40210
2005 UP ₁₂₄	2009 10 20.6	01 41.09 +12 50.5 20.5	-0.91 - 5.0	0.9/21.3	62446
2000 CY ₂	2009 10 20.6	01 41.09 +56 38.0 19.1	-1.74 + 3.4	23.8/06.8	31763
2008 GQ ₁₂₈	2009 10 20.6	01 41.10 -17 54.3 22.0	-0.87 - 3.4	8.0/12.4	40213
2005 VK ₆₆	2009 10 20.6	01 41.11 -00 19.4 20.5	-1.00 - 1.0	3.7/18.0	62458
2000 ER ₅₂	2009 10 20.6	01 41.13 +09 07.8 21.3	-0.95 - 5.9	0.5/20.2	14597

2006 DU ₈₂	2009 10 20.6	01 41.16 +05 52.3 20.2	-0.77	- 5.9	1.5/19.2	62481
2005 MA ₃₄	2009 10 20.6	01 41.18 +22 20.9 20.0	-1.07	- 6.2	4.9/25.0	87691
2008 FO ₂₅	2009 10 20.6	01 41.20 +05 54.6 21.1	-0.95	- 5.9	1.7/19.3	62529
2007 CH ₄₄	2009 10 20.6	01 41.21 +06 37.3 20.4	-0.95	- 6.2	1.4/19.5	62503
2002 EX ₁₂₈	2009 10 20.6	01 41.23 +23 50.9 19.1	-0.60	- 1.7	2.6/24.8	47209
2006 AH ₉₀	2009 10 20.6	01 41.24 +11 14.0 19.5	-0.86	- 5.4	0.3/20.9	62475
2003 SJ ₂₁₈	2009 10 20.6	01 41.26 +14 48.6 19.5	-0.80	- 3.7	1.4/21.9	62377
2005 YY ₂₇₇	2009 10 20.6	01 41.27 +08 48.5 20.5	-0.86	- 4.6	0.6/20.2	62473
2007 GC ₅₃	2009 10 20.6	01 41.29 +09 25.5 20.5	-0.90	- 1.1	0.3/20.4	41871
2002 EJ ₁₅₀	2009 10 20.6	01 41.30 +19 44.3 19.5	-1.00	- 1.1	3.2/23.0	62345
2005 NY ₆₇	2009 10 20.6	01 41.31 +11 31.0 21.0	-1.01	- 6.2	0.4/21.0	62423
2001 YF ₁₃₉	2009 10 20.6	01 41.33 -09 25.3 19.8	-0.85	- 5.3	7.2/14.3	97542
2008 EX ₁₄₇	2009 10 20.6	01 41.35 +13 59.1 20.0	-1.13	- 3.2	1.5/21.6	62082
2004 VG ₃₂	2009 10 20.6	01 41.35 +04 33.7 20.4	-0.78	- 4.0	1.7/18.9	97769
2005 QV ₂₇	2009 10 20.6	01 41.35 +00 07.7 19.6	-0.83	- 5.3	4.7/17.5	62426
2007 GD ₅	2009 10 20.6	01 41.36 +05 08.4 20.2	-0.88	- 1.3	1.8/19.3	62517
2008 EN ₁₅₄	2009 10 20.6	01 41.40 +03 42.0 20.9	-1.01	- 2.8	2.5/18.9	40203
2002 CP ₂₀	2009 10 20.6	01 41.40 +21 00.2 19.5	-0.87	- 5.5	3.3/23.9	60758
2005 WN ₁₂₀	2009 10 20.6	01 41.40 -05 15.4 19.1	-0.90	- 2.7	5.4/16.2	62463
2005 NQ ₁₂₄	2009 10 20.6	01 41.41 +08 36.4 20.8	-1.04	- 4.5	0.8/20.2	62424
2007 EU ₁₁₁	2009 10 20.6	01 41.43 +14 53.7 19.4	-1.17	+ 2.2	1.8/21.6	62054
2004 FS ₁₃₈	2009 10 20.6	01 41.44 +17 11.2 20.4	-1.06	- 4.5	2.4/22.5	61889
2005 UE ₂₃₅	2009 10 20.7	01 41.36 +04 51.3 20.3	-0.84	- 6.1	2.4/19.0	61971
2006 BB ₂₅₆	2009 10 20.7	01 41.38 -07 48.0 20.9	-0.72	- 5.1	5.0/14.8	21175
2004 FW ₁₄₀	2009 10 20.7	01 41.40 +11 24.0 20.9	-0.97	- 5.7	0.3/21.0	62390
2001 XY ₂₈	2009 10 20.7	01 41.41 +44 17.6 16.9	-1.10	+ 1.3	16.3/01.3	62330
2002 JO ₁₂₂	2009 10 20.7	01 41.42 -17 30.8 20.2	-0.79	- 2.3	7.7/12.4	16215
2007 BB ₃₀	2009 10 20.7	01 41.44 +22 34.1 21.0	-1.08	- 3.9	4.4/24.0	18189
2005 UM ₂₃₃	2009 10 20.7	01 41.45 +11 11.6 20.0	-0.82	- 8.1	0.2/20.9	62450
2001 WP ₈	2009 10 20.7	01 41.45 -09 22.9 19.4	-1.00	- 0.3	7.2/15.8	62328
2005 PW ₂	2009 10 20.7	01 41.46 +13 53.7 20.0	-1.03	- 5.6	1.3/21.7	39219
1999 YB ₁₄	2009 10 20.7	01 41.49 -02 58.8 20.7	-0.96	- 6.0	5.8/16.6	13743
2004 TK ₃₈	2009 10 20.7	01 41.50 +07 27.5 19.8	-0.76	- 7.0	1.0/19.7	20804
2001 VC ₄	2009 10 20.7	01 41.54 +26 02.7 20.5	-0.89	- 8.7	4.8/26.1	97500
2003 UF ₁₁₁	2009 10 20.7	01 41.55 +26 29.6 20.7	-0.86	- 3.3	4.5/25.6	43188
2006 GQ ₄₃	2009 10 20.7	01 41.56 +02 14.7 20.7	-0.71	- 6.9	2.3/18.0	43267
2008 JF ₂₆	2009 10 20.7	01 41.56 +00 55.1 19.8	-0.99	- 3.6	3.5/18.2	62539
2003 FN ₃₇	2009 10 20.7	01 41.58 +20 22.0 19.9	-1.08	- 1.1	3.7/23.2	19595
2007 BL ₄₇	2009 10 20.7	01 41.58 +04 53.1 20.3	-0.98	- 4.9	2.2/19.2	62035
2007 BT ₄₁	2009 10 20.7	01 41.58 +06 17.3 20.2	-0.95	- 5.8	1.6/19.5	62501
2008 CA ₁₆	2009 10 20.7	01 41.62 +13 03.0 20.3	-1.10	- 4.7	0.9/21.4	62523
2001 TQ ₁₈₄	2009 10 20.7	01 41.63 +16 01.3 19.8	-1.01	- 3.0	2.2/22.2	61841
2009 SU ₁₃₀	2009 10 20.7	01 41.69 +05 56.1 20.5	-0.82	- 6.5	2.3/19.3	62220
1996 AT ₆	2009 10 20.7	01 41.69 +16 35.5 21.1	-1.01	- 4.4	2.1/22.5	62292
2002 QG ₂₇	2009 10 20.7	01 41.71 +05 53.7 20.3	-0.98	- 4.7	2.2/19.5	61854
2008 FS ₁₀₂	2009 10 20.7	01 41.71 +00 30.5 21.1	-1.01	- 4.1	3.7/18.1	62531
2005 NM ₇₄	2009 10 20.7	01 41.77 +00 37.6 19.9	-0.97	- 5.1	4.0/18.0	62423
2005 UV ₆₀	2009 10 20.7	01 41.78 +06 27.3 21.0	-0.91	- 3.6	1.3/19.7	62444
2008 DR ₄₇	2009 10 20.7	01 41.79 +13 19.5 20.7	-1.11	- 3.7	1.0/21.5	62074
2004 YM ₃₂	2009 10 20.7	01 41.82 +41 29.2 18.8	-1.69	+ 3.0	14.4/27.6	62416
2009 RF ₅₂	2009 10 20.8	01 41.74 +06 54.7 19.9	-0.75	- 5.6	1.2/19.7	62196

2006 AD ₈₆	2009 10 20.8	01 41.74 +19 04.5 20.8	-0.88	- 6.1	2.8/23.4	98087
2005 VZ ₁₂₃	2009 10 20.8	01 41.75 +09 33.5 19.9	-0.91	- 3.5	0.4/20.5	62459
2006 XP ₂₆	2009 10 20.8	01 41.82 +06 25.7 19.2	-0.96	- 6.2	2.0/19.6	62496
2006 GV ₁	2009 10 20.8	01 41.85 -06 25.9 21.1	-0.69	-10.2	4.7/14.6	01561
2007 ED ₆₉	2009 10 20.8	01 41.85 +14 26.7 20.6	-0.97	- 2.2	1.3/21.8	20853
2005 JF ₄₃	2009 10 20.8	01 41.87 +05 05.6 19.4	-1.07	- 3.7	2.5/19.4	62419
2005 UU ₁₈₆	2009 10 20.8	01 41.91 +11 02.2 20.8	-0.98	- 3.5	0.2/21.0	21608
2005 UH ₃₆₆	2009 10 20.8	01 41.95 +08 06.3 19.4	-0.81	- 9.1	0.9/20.0	62453
2006 EX ₄₇	2009 10 20.8	01 42.02 +15 23.2 20.0	-1.05	- 0.4	1.9/22.0	62014
2005 UG ₄₁₂	2009 10 20.8	01 42.02 +18 54.3 18.5	-0.78	-12.3	3.2/23.9	61976
2008 ED ₁₂₉	2009 10 20.8	01 42.03 -05 24.0 21.2	-0.91	- 7.6	5.7/15.9	41526
2005 TV ₇₈	2009 10 20.8	01 42.03 -12 41.3 19.0	-0.80	- 4.3	10.3/13.7	62440
1981 DA ₃	2009 10 20.8	01 42.04 +20 08.2 20.6	-0.63	- 3.7	2.0/23.9	21290
2006 BW ₁₀₇	2009 10 20.8	01 42.06 +25 14.4 19.7	-0.90	- 3.2	4.6/25.2	47380
2001 YS ₂₅	2009 10 20.8	01 42.07 +13 20.6 19.4	-0.92	- 5.2	1.1/21.7	62334
2008 EB ₁₀₀	2009 10 20.8	01 42.13 +10 29.1 19.9	-1.38	+ 2.3	0.0/20.9	62528
2003 SB ₇₁	2009 10 20.8	01 42.14 +23 31.3 18.9	-0.80	- 5.1	3.9/25.0	40681
2000 QD ₁₆₅	2009 10 20.8	01 42.16 +33 21.3 18.4	-1.02	- 1.8	9.7/27.7	62306
2002 EG ₄₇	2009 10 20.8	01 42.18 +12 03.1 21.9	-0.80	- 4.6	0.4/21.3	41780
2007 HS ₇₄	2009 10 20.9	01 42.11 +06 12.6 21.1	-0.74	- 4.0	1.2/19.6	62520
2003 QB ₂₈	2009 10 20.9	01 42.11 +25 00.5 18.1	-0.79	- 6.0	5.0/25.7	62373
2007 FQ ₂₃	2009 10 20.9	01 42.15 +11 54.7 21.1	-0.81	- 2.8	0.4/21.3	56090
2008 HW ₃	2009 10 20.9	01 42.15 +12 23.8 20.7	-0.98	- 6.2	0.6/21.4	62536
2002 XD ₁₉	2009 10 20.9	01 42.16 +05 40.3 18.7	-1.03	- 1.5	2.3/19.7	61874
2005 TN ₂₉	2009 10 20.9	01 42.19 +13 55.3 19.1	-0.76	-13.7	1.3/22.2	62439
2004 TA ₁₁₄	2009 10 20.9	01 42.23 +05 58.2 19.2	-0.90	- 1.3	1.6/19.7	62406
1999 XA ₂₆₁	2009 10 20.9	01 42.24 +06 47.2 19.8	-1.02	- 5.3	1.5/19.9	62301
2003 WL ₁₅₄	2009 10 20.9	01 42.26 -05 24.8 19.6	-0.70	- 2.8	4.2/16.2	43195
2004 TW ₁₂₀	2009 10 20.9	01 42.27 +12 29.9 18.3	-0.97	- 0.6	0.7/21.4	62406
2006 XV ₅₉	2009 10 20.9	01 42.28 +03 44.8 20.7	-1.02	- 3.2	3.2/19.1	14821
1998 WW ₃₇	2009 10 20.9	01 42.31 -09 45.9 20.9	-0.63	+ 0.1	3.7/15.2	18182
2005 UZ ₁₂₀	2009 10 20.9	01 42.31 +11 51.8 19.4	-0.94	- 4.3	0.5/21.3	62446
2006 BV ₂₄₈	2009 10 20.9	01 42.41 +08 41.9 21.0	-0.75	- 3.9	0.5/20.4	62479
2008 FF ₉₃	2009 10 20.9	01 42.42 +11 06.8 19.1	-1.06	- 4.3	0.2/21.1	62531
2006 DC ₆	2009 10 20.9	01 42.44 -12 32.0 19.8	-0.72	- 4.8	6.7/13.3	47389
2003 SL ₆₀	2009 10 20.9	01 42.53 +16 02.4 19.1	-0.80	- 4.0	1.9/22.6	62375
2005 UW ₇₆	2009 10 20.9	01 42.54 -16 18.0 18.8	-0.99	+ 0.5	10.8/13.9	62445
2002 CY ₆₅	2009 10 20.9	01 42.54 +16 09.6 19.3	-0.99	- 1.2	1.8/22.4	62340
2005 UO ₅₁₂	2009 10 20.9	01 42.55 +14 31.5 19.9	-0.90	- 4.9	1.6/22.1	11148
2007 DN ₁₀₅	2009 10 21.0	01 42.48 -13 44.6 20.0	-0.91	- 2.3	8.1/13.9	22879
2008 KX ₃₃	2009 10 21.0	01 42.53 -13 48.1 21.0	-0.89	- 2.7	7.5/14.2	40628
2005 WV ₁₄₄	2009 10 21.0	01 42.54 +13 04.7 19.9	-0.92	- 4.5	1.0/21.7	62463
2007 EG ₁₂₀	2009 10 21.0	01 42.54 +02 53.9 19.8	-0.84	- 7.1	2.9/18.6	62513
2007 CJ ₁₉	2009 10 21.0	01 42.55 +06 06.2 19.7	-1.06	- 2.0	1.8/19.9	62503
2009 SB ₁₃₈	2009 10 21.0	01 42.56 +11 25.4 20.0	-1.13	- 4.5	0.4/21.2	62222
2005 WY ₁₇₃	2009 10 21.0	01 42.58 +00 51.1 19.6	-0.88	- 3.6	3.4/18.3	62464
2004 QA ₂₈	2009 10 21.0	01 42.59 +05 36.2 20.3	-0.82	- 5.7	1.8/19.5	62396
2006 AF ₄₀	2009 10 21.0	01 42.61 +05 48.0 20.5	-0.79	- 4.2	1.5/19.6	62474
2004 VH ₄₁	2009 10 21.0	01 42.62 +04 26.8 20.5	-0.82	- 2.6	1.9/19.3	62412
2004 XK ₇₁	2009 10 21.0	01 42.62 +05 56.7 20.3	-0.82	- 3.6	1.5/19.7	62414
2004 PJ ₁₀₅	2009 10 21.0	01 42.63 +07 25.4 19.1	-0.82	- 5.6	1.3/20.1	62396

2005 UP ₁₁₂	2009 10 21.0	01 42.63 +02 26.2 19.9	-1.09 + 0.6	3.2/19.2	62446
2007 HG ₅	2009 10 21.0	01 42.64 -06 38.2 20.5	-0.77 - 1.9	4.2/16.2	21364
2007 GN ₁₁	2009 10 21.0	01 42.65 +10 29.9 20.0	-0.89 - 1.1	0.0/21.0	62518
2007 GD ₂₆	2009 10 21.0	01 42.66 +06 39.5 19.8	-0.79 - 7.2	1.3/19.8	62518
2004 VK ₂₄	2009 10 21.0	01 42.67 -11 56.1 20.1	-0.72 - 6.1	7.9/13.3	95595
2000 ET ₉₉	2009 10 21.0	01 42.70 +12 09.4 20.6	-1.01 - 4.9	0.6/21.5	62304
1999 KR ₁₁	2009 10 21.0	01 42.73 +02 52.2 20.7	-0.91 - 2.9	2.3/19.0	62297
2005 WQ ₆₅	2009 10 21.0	01 42.74 -07 28.7 19.7	-1.10 + 1.6	7.7/16.8	04364
2005 TO ₁₅₂	2009 10 21.0	01 42.76 -12 15.8 19.3	-0.89 - 1.4	9.9/14.2	97866
2006 DD ₁₃₂	2009 10 21.0	01 42.77 +16 39.6 20.8	-0.87 - 2.1	1.8/22.7	55218
2001 TV ₂₀₇	2009 10 21.0	01 42.77 +09 06.6 20.3	-0.91 - 4.3	0.7/20.6	62323
2005 WU ₃₄	2009 10 21.0	01 42.78 +10 52.8 21.4	-0.92 - 4.9	0.1/21.1	58520
2008 GD ₁₂₂	2009 10 21.0	01 42.82 +04 48.5 20.3	-0.97 - 5.6	2.1/19.4	62535
2004 FM ₁₄	2009 10 21.0	01 42.86 +13 17.8 20.6	-1.03 - 4.2	0.9/21.8	66347
2006 HD ₃	2009 10 21.0	01 42.88 +03 32.3 20.5	-0.63 - 3.1	1.6/18.9	01614
2005 WC ₁₈₃	2009 10 21.0	01 42.89 +34 16.3 19.2	-1.10 - 1.3	10.3/28.0	96576
2007 HW ₁₉	2009 10 21.0	01 42.89 +08 44.3 21.2	-0.76 - 4.5	0.5/20.5	41872
2002 BE ₂₈	2009 10 21.1	01 42.89 -07 22.2 19.1	-0.77 - 7.5	6.9/14.9	60758
1998 MF ₁₇	2009 10 21.1	01 42.90 +24 09.8 19.4	-1.03 - 4.7	6.1/25.1	16121
2007 HH ₁₃	2009 10 21.1	01 42.91 +05 35.7 20.4	-0.70 - 7.7	1.5/19.4	62520
2002 CA ₂₉₆	2009 10 21.1	01 42.93 +02 39.1 19.9	-0.81 - 5.8	2.9/18.7	19572
2005 UW ₅₉	2009 10 21.1	01 42.95 +08 22.7 18.0	-1.15 + 1.9	0.9/20.6	62444
2004 BD ₁₅	2009 10 21.1	01 42.98 +12 54.3 20.5	-1.07 - 5.2	0.9/21.7	16260
2005 UO ₃₅₃	2009 10 21.1	01 43.02 +12 19.0 19.5	-1.09 + 0.7	0.7/21.5	61975
2007 HP ₇₅	2009 10 21.1	01 43.02 +04 27.3 20.8	-0.75 - 3.4	1.7/19.3	62520
2003 SF ₂₉₃	2009 10 21.1	01 43.02 +19 18.7 18.7	-0.79 - 4.5	3.1/23.8	62377
2005 SJ ₂₈₉	2009 10 21.1	01 43.03 +06 20.2 19.9	-0.93 - 4.5	1.7/19.9	62438
2007 EF ₁₇₀	2009 10 21.1	01 43.03 +05 22.3 20.4	-0.71 -10.3	1.4/19.3	20857
2004 VU ₉₁	2009 10 21.1	01 43.04 +04 35.9 19.2	-0.80 - 4.1	2.0/19.4	62413
2004 TO ₇₃	2009 10 21.1	01 43.06 +10 33.8 20.4	-0.83 - 3.9	0.0/21.1	62405
2006 HH ₆₁	2009 10 21.1	01 43.08 +10 44.0 19.5	-0.93 - 0.5	0.0/21.2	62015
2006 AA ₆₂	2009 10 21.1	01 43.14 +27 40.6 19.7	-0.87 - 5.3	5.6/26.6	19685
2008 GC ₂₃	2009 10 21.1	01 43.16 +05 18.5 18.3	-1.12 + 1.2	2.6/20.0	60903
2003 SU ₃₃₁	2009 10 21.1	01 43.18 +13 47.1 20.4	-0.89 - 1.5	1.0/22.0	61881
2003 HQ ₁₄	2009 10 21.1	01 43.22 +13 04.2 20.1	-0.54 - 1.3	0.4/21.9	62371
2001 WB ₇₅	2009 10 21.1	01 43.25 +16 42.8 20.5	-0.82 - 9.5	2.5/23.2	94310
2004 BL ₁₁₄	2009 10 21.1	01 43.26 +21 07.1 19.9	-1.06 - 5.0	3.9/24.1	14710
2007 EN ₄₅	2009 10 21.1	01 43.27 +11 53.0 20.2	-0.93 - 3.7	0.4/21.5	62511
2002 TV ₅₉	2009 10 21.1	01 43.29 +07 29.4 19.7	-0.92 -15.5	1.2/20.0	62357
2006 EF ₃	2009 10 21.1	01 43.30 +00 48.6 21.4	-0.73 - 5.1	2.7/18.1	11163
2004 PD ₇₉	2009 10 21.1	01 43.30 +15 58.4 18.8	-0.85 - 6.1	1.9/22.8	62395
2005 YE ₁₃₅	2009 10 21.2	01 43.25 +04 55.5 20.6	-0.89 - 3.6	2.0/19.6	62471
2001 UA ₁₀₇	2009 10 21.2	01 43.27 +07 58.2 19.0	-0.93 - 2.9	1.2/20.5	62325
2004 VC ₈₃	2009 10 21.2	01 43.28 +09 03.1 20.6	-0.80 - 3.6	0.5/20.7	62412
2005 YZ ₂₅₅	2009 10 21.2	01 43.29 +07 10.7 20.5	-0.81 - 3.9	1.1/20.2	62473
2007 AP ₁₂	2009 10 21.2	01 43.30 +01 19.4 19.9	-0.87 - 4.5	3.1/18.5	62499
2006 BR ₁₀₂	2009 10 21.2	01 43.31 +15 44.8 19.9	-0.82 - 4.6	1.7/22.7	62477
2005 QH ₂₅	2009 10 21.2	01 43.33 +05 29.9 19.9	-0.92 - 5.7	2.1/19.7	62426
2001 YM ₃₄	2009 10 21.2	01 43.34 +32 43.4 18.3	-0.93 -10.2	8.5/29.6	62334
2002 CM ₁₅₉	2009 10 21.2	01 43.36 -01 16.7 20.4	-0.45 - 3.1	1.9/17.3	62341
2005 UH ₈₀	2009 10 21.2	01 43.38 +06 52.2 18.9	-0.62 - 9.4	1.9/19.9	61959

2005 TH ₁₉₀	2009 10 21.2	01 43.38 +06 05.0 20.8	-0.92 - 3.1	1.5/20.0	62442
2002 ER ₁₅₃	2009 10 21.2	01 43.39 +05 30.2 19.9	-0.49 - 4.0	1.0/19.5	62345
2002 CQ ₁₃₆	2009 10 21.2	01 43.45 -09 51.7 19.6	-0.83 - 8.0	7.5/14.0	19570
2005 UF ₃₃₃	2009 10 21.2	01 43.45 +02 32.2 21.3	-0.88 - 3.3	2.4/19.0	62452
2001 UL ₁₇₆	2009 10 21.2	01 43.46 +07 59.2 20.7	-1.00 - 2.4	0.9/20.5	62326
2009 SD ₁₃₅	2009 10 21.2	01 43.46 +12 46.8 20.9	-0.82 - 6.8	0.8/21.9	62221
2002 TF ₂	2009 10 21.2	01 43.48 +16 35.9 18.4	-1.17 + 0.7	2.8/22.6	61865
2000 JE ₃₁	2009 10 21.2	01 43.48 +18 41.8 20.2	-0.91 - 7.9	2.6/23.8	90028
2002 JC ₁₈	2009 10 21.2	01 43.48 +07 20.8 19.4	-0.88 - 1.6	1.0/20.4	62347
2007 BA ₇	2009 10 21.2	01 43.49 +05 44.6 20.5	-0.95 - 5.0	1.7/19.8	62500
2004 TE ₈₈	2009 10 21.2	01 43.54 +08 50.2 19.7	-0.83 - 4.0	0.8/20.7	62405
2005 NU ₈₄	2009 10 21.2	01 43.58 +19 06.6 19.1	-1.00 - 6.4	3.4/23.8	62423
2005 RW ₁₈	2009 10 21.2	01 43.59 +09 32.2 21.0	-0.97 - 5.7	0.4/20.9	58508
2008 HC ₆₈	2009 10 21.2	01 43.63 -08 46.1 20.3	-0.97 - 0.4	7.2/16.5	41663
2008 CH ₁₄₃	2009 10 21.2	01 43.64 +10 21.0 20.6	-1.02 - 5.8	0.1/21.2	62524
2007 GA ₂₃	2009 10 21.2	01 43.65 +07 09.1 21.0	-0.82 - 2.7	1.0/20.3	62518
2007 AP	2009 10 21.2	01 43.66 +13 18.4 20.2	-1.02 - 5.3	1.0/22.0	62498
2006 DL ₈₆	2009 10 21.2	01 43.66 +19 45.5 19.0	-0.93 - 0.6	3.1/23.6	62481
2008 TT ₆₄	2009 10 21.2	01 43.66 +14 13.6 20.1	-0.53 - 2.6	0.7/22.4	62102
2006 AS ₉₀	2009 10 21.2	01 43.68 -05 11.6 19.5	-0.77 - 4.5	5.1/16.5	19686
2007 CO ₁₃	2009 10 21.2	01 43.68 +14 21.0 20.7	-0.98 - 5.6	1.3/22.3	62502
2005 UT ₅₈	2009 10 21.2	01 43.70 +21 16.6 18.6	-0.84 -12.5	4.5/25.2	62444
2006 BE ₁₆₄	2009 10 21.3	01 43.62 +19 56.8 19.2	-0.85 - 3.8	3.0/24.0	62478
2005 UA ₂₅₆	2009 10 21.3	01 43.62 +09 43.2 18.7	-0.80 - 7.2	0.4/21.0	61971
2008 GQ ₂₅	2009 10 21.3	01 43.62 +03 27.8 21.0	-0.93 - 6.1	2.8/19.2	62533
2004 EM ₉₃	2009 10 21.3	01 43.63 +10 43.2 20.3	-1.04 - 4.0	0.0/21.3	61888
2005 UN ₁₂₅	2009 10 21.3	01 43.68 +14 40.5 20.2	-0.87 - 6.5	1.3/22.5	62446
2004 TK ₃₆₉	2009 10 21.3	01 43.70 +12 29.8 19.5	-0.75 - 7.6	0.6/21.9	61910
2002 EA ₁₃₆	2009 10 21.3	01 43.72 +05 25.7 20.0	-0.49 - 3.3	1.0/19.6	62345
2006 BW ₂₀₅	2009 10 21.3	01 43.79 +03 57.2 19.9	-0.79 - 4.3	2.3/19.3	62478
2007 PT ₄	2009 10 21.3	01 43.80 +16 57.5 19.9	-0.53 - 3.4	1.2/23.4	62067
2006 VS ₁₁₀	2009 10 21.3	01 43.81 +08 33.1 19.9	-1.12 - 2.6	0.8/20.8	62493
2007 ED ₁₅₄	2009 10 21.3	01 43.81 +33 22.0 18.7	-1.36 + 3.2	8.8/26.1	62514
2002 PF ₁₂₉	2009 10 21.3	01 43.82 +09 44.8 19.8	-1.18 - 2.7	0.4/21.1	62350
2001 XP ₆	2009 10 21.3	01 43.82 +39 03.6 17.9	-1.03 - 1.9	13.1/31.0	62330
2001 XO ₇₉	2009 10 21.3	01 43.86 -12 12.8 19.4	-0.99 + 2.1	10.4/16.0	40099
2005 UP ₂₆₀	2009 10 21.3	01 43.86 +01 11.7 19.2	-1.00 - 1.2	3.6/19.0	62451
1999 TU ₂₅₃	2009 10 21.3	01 43.86 +11 44.4 18.2	-0.88 -11.0	0.4/21.7	62298
2001 YU ₁₅₄	2009 10 21.3	01 43.89 -10 09.7 20.6	-1.01 - 1.1	7.7/15.7	20757
2008 LT ₅	2009 10 21.3	01 43.90 -02 08.4 19.9	-0.94 - 2.7	4.6/18.0	41693
2007 BQ ₃₆	2009 10 21.3	01 43.90 +01 30.1 20.1	-1.01 - 3.9	3.9/18.8	52142
2002 CC ₂₁₂	2009 10 21.3	01 43.92 +01 51.9 19.8	-0.83 - 4.8	3.1/18.7	62341
2004 VP ₇₃	2009 10 21.3	01 43.94 -06 19.8 18.9	-0.66 - 6.9	7.1/15.4	62412
2004 QQ ₂₀	2009 10 21.3	01 43.94 +02 07.1 20.7	-0.84 - 5.1	3.0/18.8	62396
2003 SA ₁₇₄	2009 10 21.3	01 43.95 +24 11.6 19.9	-1.05 + 0.3	3.8/25.0	43180
2004 RZ ₁₂₅	2009 10 21.3	01 43.96 +13 32.4 20.2	-0.87 - 5.2	0.9/22.2	62398
2002 VN ₁₀₁	2009 10 21.3	01 43.97 +01 40.1 18.0	-0.92 - 4.1	4.4/18.8	61872
2005 UM ₁₄₁	2009 10 21.3	01 43.98 -07 54.2 20.1	-1.12 + 2.0	6.6/17.4	96165
2002 TX ₂₆₉	2009 10 21.3	01 44.01 +19 16.9 18.8	-1.02 - 4.2	3.9/23.8	62359
2008 GG ₉₇	2009 10 21.3	01 44.02 +11 35.6 21.3	-0.97 - 4.8	0.3/21.6	62534
2007 HG ₃	2009 10 21.3	01 44.03 +08 19.9 19.7	-0.82 - 2.8	0.8/20.7	62519

2001 XC ₃₅	2009 10 21.3	01 44.03 +26 25.3 19.5	-1.03	- 3.7	5.5/25.8	19557	2008 FV ₁₀₄	2009 10 21.5	01 44.72 +05 41.7 21.6	-1.03	- 3.2	1.8/20.2	40752
2003 XO ₁₃	2009 10 21.3	01 44.05 -17 01.8 19.5	-0.75	- 1.1	7.7/13.2	62381	2002 BM ₂₃	2009 10 21.5	01 44.75 -00 00.7 20.5	-1.02	- 2.4	3.8/18.7	97557
2001 TJ ₁₈₃	2009 10 21.3	01 44.05 +16 14.0 18.7	-0.97	- 2.2	2.6/22.8	62323	2003 SQ ₃₈₉	2009 10 21.5	01 44.77 +05 31.8 20.6	-0.78	- 3.2	1.6/20.1	61882
2006 AO ₅₂	2009 10 21.3	01 44.06 +10 35.6 20.6	-0.79	- 5.2	0.1/21.3	62475	2004 DZ ₁₀	2009 10 21.5	01 44.78 +04 28.3 20.3	-0.98	- 5.5	2.3/19.8	62385
2005 US ₂₉₅	2009 10 21.3	01 44.07 +11 25.9 20.6	-0.89	- 5.1	0.3/21.6	61973	1995 PR	2009 10 21.5	01 44.79 +08 31.6 18.2	-1.13	0.0	1.1/21.1	62292
2005 WK ₆₇	2009 10 21.4	01 44.03 +10 48.8 19.2	-0.86	- 5.8	0.0/21.4	62461	2000 AF ₄₃	2009 10 21.5	01 44.80 -31 36.8 19.4	-0.83	- 1.6	11.4/06.4	41753
1994 LV	2009 10 21.4	01 44.04 -06 45.5 21.8	-0.83	- 4.0	4.7/16.2	21290	2005 UP ₂₇₉	2009 10 21.5	01 44.81 +10 09.8 20.4	-0.93	- 6.4	0.3/21.4	62451
2004 RG ₅₆	2009 10 21.4	01 44.08 -08 44.3 20.1	-0.73	-10.4	6.7/14.3	18085	2005 QT ₅	2009 10 21.5	01 44.82 +18 03.6 19.8	-1.02	- 6.3	2.7/23.7	38048
2004 BL ₁₁₈	2009 10 21.4	01 44.08 +01 09.6 19.9	-1.00	- 4.1	3.3/18.8	16261	2007 HU ₅₈	2009 10 21.6	01 44.76 -06 27.6 21.0	-0.77	- 2.5	4.3/16.7	22889
2007 CY ₃₇	2009 10 21.4	01 44.09 +29 04.6 18.6	-1.11	- 1.7	7.5/26.6	62503	2002 RR ₂₀₂	2009 10 21.6	01 44.80 +21 36.6 17.7	-0.94	- 5.8	5.3/25.0	62355
2001 OQ ₁₀₁	2009 10 21.4	01 44.10 +30 45.6 19.3	-1.15	- 3.4	6.9/27.2	62314	2007 AO ₂₃	2009 10 21.6	01 44.80 +15 08.3 21.9	-1.00	- 6.1	1.5/22.9	18186
1998 SU ₄₁	2009 10 21.4	01 44.11 +16 16.8 19.6	-1.08	- 1.9	2.4/22.8	62295	2004 TR ₂₇₇	2009 10 21.6	01 44.84 +03 24.4 19.9	-0.93	- 0.3	2.6/19.8	61908
2007 DJ ₅₆	2009 10 21.4	01 44.12 +05 18.4 20.4	-0.93	- 6.8	2.2/19.8	62507	2008 EA ₁₃₇	2009 10 21.6	01 44.88 +10 07.4 19.8	-1.07	- 3.4	0.3/21.4	62528
2006 DQ ₄₈	2009 10 21.4	01 44.13 +25 28.1 20.9	-0.92	- 1.5	4.0/25.4	02291	2006 AQ ₃₆	2009 10 21.6	01 44.89 -06 30.3 20.8	-0.77	- 3.9	5.1/16.4	20481
2005 QZ ₁₆₈	2009 10 21.4	01 44.13 +22 31.2 19.4	-0.91	- 8.4	4.8/25.0	62429	2000 AZ ₂₀₆	2009 10 21.6	01 44.91 +23 37.4 19.8	-0.80	- 4.7	3.6/25.6	47141
2006 BJ ₉	2009 10 21.4	01 44.13 +26 54.7 19.8	-0.88	- 4.3	5.0/26.4	53465	2003 HW ₁₄	2009 10 21.6	01 44.91 -04 36.9 20.5	-0.94	- 1.6	4.8/17.6	18052
2005 YU ₅₇	2009 10 21.4	01 44.13 +06 29.8 20.0	-0.84	- 3.9	1.4/20.2	62469	2002 BH ₁₉	2009 10 21.6	01 44.92 -17 30.1 20.8	-0.77	- 3.0	6.8/13.0	59075
2004 TS ₂₄₁	2009 10 21.4	01 44.14 +22 21.4 18.7	-0.81	- 6.5	3.8/25.2	62408	2005 WQ ₁₀₁	2009 10 21.6	01 44.94 +10 10.6 20.6	-0.86	- 4.6	0.2/21.4	62462
2004 TO ₂₂₄	2009 10 21.4	01 44.15 +11 13.7 20.3	-0.82	- 5.1	0.1/21.6	62408	2005 NP	2009 10 21.6	01 44.95 -02 13.2 20.4	-0.99	- 4.7	5.1/18.1	56998
2001 VO ₃₅	2009 10 21.4	01 44.17 -03 16.7 19.0	-1.11	+ 1.5	6.3/18.2	20752	2004 TH ₅₃	2009 10 21.6	01 44.98 +12 01.1 19.8	-0.76	- 7.4	0.4/22.0	61902
2006 EE ₃₆	2009 10 21.4	01 44.18 +16 26.0 20.9	-0.89	- 2.4	1.7/23.0	62482	2008 FV ₅₈	2009 10 21.6	01 44.99 +05 02.1 20.8	-1.04	- 4.5	2.3/20.1	62086
2005 WY ₃₂	2009 10 21.4	01 44.18 +02 37.4 19.9	-0.91	- 2.6	2.9/19.3	62460	2006 GM ₁₈	2009 10 21.6	01 45.00 +22 34.9 19.8	-0.91	- 2.1	3.8/24.9	22545
2008 HS ₃₄	2009 10 21.4	01 44.19 -11 57.9 21.3	-0.86	- 3.7	7.6/14.8	40602	2004 CE ₆	2009 10 21.6	01 45.00 +00 10.0 20.5	-1.03	- 4.1	4.2/18.8	16261
2008 FC ₇₉	2009 10 21.4	01 44.19 +08 55.5 20.2	-0.95	- 8.1	0.7/20.9	62531	2005 UN ₂₉₂	2009 10 21.6	01 45.02 +12 18.1 19.7	-0.99	- 2.2	0.6/22.0	61973
2005 PY ₂	2009 10 21.4	01 44.20 +08 06.1 19.8	-0.98	- 6.2	1.1/20.7	62425	2006 AU ₃₀	2009 10 21.6	01 45.02 -06 42.6 21.1	-0.77	- 3.6	5.1/16.4	20480
2006 BR ₁₆₄	2009 10 21.4	01 44.21 -09 06.4 21.3	-0.70	- 5.1	5.0/14.9	41842	2003 HO ₅₅	2009 10 21.6	01 45.04 +05 58.7 20.0	-0.88	- 4.1	1.6/20.3	62372
2003 AC ₇₀	2009 10 21.4	01 44.22 +06 50.7 20.4	-0.95	- 5.8	1.5/20.3	62366	2004 XQ ₁₁₄	2009 10 21.6	01 45.04 +20 25.5 20.0	-0.81	- 4.9	3.4/24.6	60821
2005 WD ₈₄	2009 10 21.4	01 44.25 +19 38.7 20.0	-0.86	- 6.5	2.7/24.2	40698	2006 BE ₁₀	2009 10 21.6	01 45.06 -08 21.6 19.8	-0.77	- 3.6	5.6/15.9	41840
2003 QJ ₂₃	2009 10 21.4	01 44.28 -10 41.9 19.7	-0.72	- 9.0	6.3/14.0	40680	2005 NN ₁₁	2009 10 21.6	01 45.08 +12 10.9 20.1	-1.00	- 5.6	0.6/22.0	37383
2009 SQ ₄₄₃	2009 10 21.4	01 44.28 +17 15.6 20.4	-1.05	- 4.7	2.3/23.3	62207	2004 HQ ₅₈	2009 10 21.6	01 45.08 -02 42.2 20.6	-0.87	- 7.9	4.7/17.5	38027
2005 VU ₂₂	2009 10 21.4	01 44.29 +06 50.7 20.7	-0.90	- 6.0	1.4/20.3	62456	2000 US ₉₅	2009 10 21.6	01 45.09 +22 32.8 18.8	-0.73	-12.2	5.0/26.2	18300
2004 HE ₄	2009 10 21.4	01 44.31 +14 00.7 20.1	-0.95	- 7.2	1.1/22.4	62391	2007 DA ₃	2009 10 21.6	01 45.10 +11 42.9 20.5	-1.02	- 3.5	0.3/21.9	62043
2008 OL ₇	2009 10 21.4	01 44.42 +25 37.9 19.7	-0.83	- 4.3	4.2/26.1	58608	2006 XX ₆₇	2009 10 21.6	01 45.11 +00 57.6 20.1	-1.00	- 4.2	4.6/18.9	62497
2000 DF ₁₀₁	2009 10 21.4	01 44.42 +08 03.8 21.1	-0.98	- 4.7	0.9/20.7	37264	2007 JM ₄₂	2009 10 21.6	01 45.14 -22 47.0 20.3	-0.71	- 4.6	8.1/09.9	59794
2005 US ₂₇₇	2009 10 21.5	01 44.40 +09 05.5 19.8	-0.95	- 3.6	0.7/21.0	62451	2006 WV ₂₀₃	2009 10 21.6	01 45.15 +02 48.0 19.3	-1.05	- 1.6	4.0/19.7	41297
2003 SV ₂₆₅	2009 10 21.5	01 44.41 +12 00.2 20.1	-0.75	- 5.6	0.4/21.9	62377	2004 TP ₄₈	2009 10 21.6	01 45.18 +08 41.7 20.4	-0.79	- 5.0	0.7/21.0	62404
2003 TN ₅₁	2009 10 21.5	01 44.43 +33 20.2 19.5	-0.84	- 5.2	6.4/29.2	48905	2005 YR ₇	2009 10 21.6	01 45.19 +04 04.1 19.9	-0.86	- 4.6	2.4/19.7	62467
2005 VO ₃₂	2009 10 21.5	01 44.47 +22 24.8 18.6	-0.82	-11.1	4.4/25.7	97964	2005 WV ₁₅₆	2009 10 21.7	01 45.17 +00 58.0 18.5	-0.89	- 1.4	4.6/19.1	62464
2004 JO	2009 10 21.5	01 44.50 +08 38.7 19.1	-0.85	- 6.8	1.0/20.9	62392	2001 VV ₁₂₂	2009 10 21.7	01 45.19 +23 36.7 18.1	-1.24	+ 3.8	5.8/24.1	62328
2005 WW ₄₂	2009 10 21.5	01 44.50 +05 29.5 19.9	-0.91	- 1.5	2.5/20.1	97985	2003 FW ₁₀₀	2009 10 21.7	01 45.20 +11 23.2 20.0	-0.91	- 3.6	0.2/21.9	62370
2005 GS ₁₄₃	2009 10 21.5	01 44.51 +03 15.4 21.2	-0.98	- 8.6	3.0/19.2	62418	2005 UL ₂₀₀	2009 10 21.7	01 45.23 +11 32.6 19.3	-0.84	- 7.5	0.3/21.9	62449
2005 YK ₈₄	2009 10 21.5	01 44.53 -09 24.9 18.9	-0.77	- 5.0	7.1/15.1	62470	2004 VC ₁₃	2009 10 21.7	01 45.28 -00 09.5 19.5	-0.79	- 4.1	3.8/18.4	62411
2007 CB ₆₁	2009 10 21.5	01 44.55 +19 54.2 20.5	-1.00	- 4.3	3.3/24.1	22875	2002 EB ₁₂₂	2009 10 21.7	01 45.29 +10 11.9 21.5	-0.82	- 5.3	0.2/21.5	57364
2005 UQ ₃₁₁	2009 10 21.5	01 44.57 +08 18.4 19.9	-0.87	- 7.3	0.9/20.8	62451	2004 VY ₄₀	2009 10 21.7	01 45.31 +13 58.2 20.3	-0.76	- 6.8	1.0/22.7	62412
2003 SN ₂₇₇	2009 10 21.5	01 44.58 +25 24.1 19.5	-0.83	- 3.6	4.3/26.0	47263	2002 TZ ₃₁₉	2009 10 21.7	01 45.32 +18 55.8 20.2	-1.11	- 2.9	3.4/23.8	62359
2001 WN ₈₁	2009 10 21.5	01 44.58 +02 49.3 19.3	-0.88	- 2.6	3.7/19.4	62330	2004 JD ₅₆	2009 10 21.7	01 45.32 -00 33.7 19.4	-0.82	- 8.7	4.2/18.0	62393
1995 SY ₃₅	2009 10 21.5	01 44.59 +03 20.1 19.3	-0.82	- 9.1	3.7/19.1	62292	2007 DT ₃₇	2009 10 21.7	01 45.32 +16 15.8 21.5	-0.90	- 4.0	1.6/23.3	62506
2006 YL ₃₈	2009 10 21.5	01 44.59 +19 17.6 20.1	-1.02	- 4.9	3.1/23.9	58562	2001 HH ₆₄	2009 10 21.7	01 45.33 +01 49.0 19.4	-0.92	+ 0.3	2.6/19.6	62314
2002 EL ₈₅	2009 10 21.5	01 44.63 +02 04.5 19.4	-0.49	- 3.5	1.6/18.7	62344	1997 SG ₁₄	2009 10 21.7	01 45.34 +18 09.9 19.9	-0.57	- 1.9	1.4/24.0	62293
2002 DO ₆	2009 10 21.5	01 44.66 -06 02.4 19.8	-0.78	- 7.4	5.7/15.9	18000	2005 WA ₃₂	2009 10 21.7	01 45.39 +07 20.4 18.5	-0.93	- 2.1	1.5/20.8	62460
2002 ER ₂	2009 10 21.5	01 44.67 +02 45.0 20.6	-0.79	- 3.6	2.2/19.2	62343	2007 DB ₁₈	2009 10 21.7	01 45.42 +06 36.3 20.4	-0.92	- 6.3	1.8/20.5	62044

2009 SL ₁₃₁	2009 10 21.7	01 45.43 +05 04.1 20.0	-0.72	- 7.0	1.7/19.9	62220
2007 DL ₁₅	2009 10 21.7	01 45.44 +07 03.8 21.6	-0.79	- 3.7	1.0/20.7	62505
2006 CB ₂₁	2009 10 21.7	01 45.46 -06 34.3 21.5	-0.72	- 5.0	4.7/16.2	21356
2001 VN ₁₀	2009 10 21.7	01 45.49 +34 06.4 17.8	-0.62	-16.3	10.4/01.4	62326
2003 BV ₇₈	2009 10 21.7	01 45.51 +00 11.7 19.6	-0.96	- 3.6	4.1/18.8	59694
2007 EV ₉₇	2009 10 21.7	01 45.57 +05 36.7 22.0	-0.77	- 4.2	1.4/20.2	41328
2003 QZ ₉₃	2009 10 21.7	01 45.57 +15 57.4 18.4	-0.84	- 3.1	1.8/23.2	62374
2002 CB ₁₈₃	2009 10 21.7	01 45.59 +17 52.3 20.0	-0.93	- 3.5	2.4/23.7	62341
2006 XN ₂₁	2009 10 21.7	01 45.59 +12 32.4 20.7	-0.99	- 6.3	0.6/22.3	59117
2001 UR ₁₃₆	2009 10 21.7	01 45.66 +31 42.7 18.4	-1.99	+11.0	11.6/24.1	62325
2006 XN ₁₈	2009 10 21.8	01 45.52 -02 30.8 19.5	-1.03	- 2.6	5.9/18.3	62496
2000 AX ₂₃₆	2009 10 21.8	01 45.53 +17 19.7 20.1	-0.80	- 4.0	1.8/23.7	62302
2007 EX ₁₆₆	2009 10 21.8	01 45.55 +08 26.1 20.1	-0.74	- 6.9	0.7/21.0	20570
2005 OP ₅	2009 10 21.8	01 45.55 +06 51.6 20.3	-0.97	- 6.0	1.7/20.7	62424
2001 TK ₅	2009 10 21.8	01 45.55 +04 27.3 18.7	-0.99	- 1.9	2.7/20.2	17955
2004 RP ₂₃₉	2009 10 21.8	01 45.56 +08 43.3 20.3	-0.81	- 6.0	0.7/21.1	62400
2005 UM ₄₄₀	2009 10 21.8	01 45.60 +27 29.9 19.3	-0.94	- 6.9	6.0/27.2	62454
2002 TW ₃₆₄	2009 10 21.8	01 45.60 +02 49.3 19.0	-0.94	- 3.4	3.9/19.6	40109
2002 WP ₄	2009 10 21.8	01 45.66 +02 16.0 20.5	-1.01	- 3.1	3.3/19.6	13984
2007 DG ₆	2009 10 21.8	01 45.66 +15 43.2 22.1	-0.91	- 4.2	1.4/23.2	17719
2005 YL ₂	2009 10 21.8	01 45.69 +05 04.6 19.8	-0.93	- 2.3	2.4/20.3	61999
2009 SJ ₄₀	2009 10 21.8	01 45.78 +10 31.6 20.2	-0.82	- 6.9	0.1/21.7	62206
2005 UY ₅₀₈	2009 10 21.8	01 45.79 +07 34.7 20.3	-0.92	- 3.8	1.2/20.9	62455
2002 UO ₃₅	2009 10 21.8	01 45.81 +10 38.2 18.9	-1.03	- 3.2	0.1/21.8	62360
2008 FQ ₈₃	2009 10 21.8	01 45.81 +10 03.5 20.4	-1.09	- 0.7	0.3/21.7	62531
2006 DQ ₁₈₄	2009 10 21.8	01 45.82 -02 10.3 20.6	-0.70	- 7.3	3.3/17.4	62482
2006 DE ₂₀₁	2009 10 21.8	01 45.82 +04 09.2 20.1	-0.83	- 1.8	1.9/20.1	21629
2009 ST ₈₇	2009 10 21.8	01 45.83 +06 53.7 19.6	-0.90	- 3.4	1.9/20.8	62212
1996 TS ₁₆	2009 10 21.8	01 45.88 +16 08.8 20.4	-0.50	- 3.5	0.9/23.6	62293
2004 TA ₁₉₉	2009 10 21.8	01 45.88 +09 23.0 20.3	-0.85	- 3.8	0.6/21.4	62408
2006 EA ₄₂	2009 10 21.8	01 45.89 +10 29.0 20.6	-0.73	- 7.3	0.1/21.7	62014
2004 NF ₁₉	2009 10 21.8	01 45.90 +08 41.6 19.9	-0.87	- 6.2	0.7/21.2	62394
2005 YB ₁₁₀	2009 10 21.8	01 45.92 -03 19.0 19.4	-0.80	- 4.8	5.7/17.5	18169
2008 HR ₅₅	2009 10 21.8	01 45.92 +06 44.5 21.5	-0.96	- 4.5	1.4/20.7	62537
2002 GT ₁₁₂	2009 10 21.8	01 45.94 +04 11.1 21.2	-0.78	- 4.8	1.8/19.9	41781
2003 DA ₂₄	2009 10 21.8	01 45.96 +05 32.3 19.9	-0.86	- 6.0	1.8/20.3	62368
2002 RH ₂₄₁	2009 10 21.8	01 45.96 +16 00.5 19.2	-1.04	- 6.3	2.2/23.3	62355
2005 YV ₉₆	2009 10 21.8	01 45.97 +29 33.9 18.2	-0.93	- 6.7	7.6/28.2	62001
2005 TU ₁₉₀	2009 10 21.9	01 45.91 +04 55.2 20.5	-0.93	- 2.7	2.2/20.3	62442
2005 UC ₁₆₃	2009 10 21.9	01 45.99 +14 08.7 21.0	-0.95	- 4.9	1.1/22.8	60434
2007 FB ₂₉	2009 10 21.9	01 46.02 +09 14.0 20.6	-0.86	- 4.1	0.6/21.4	62517
2005 UB ₁₉₉	2009 10 21.9	01 46.04 +05 42.8 20.1	-0.97	- 2.6	1.8/20.6	61968
2008 EQ ₉₂	2009 10 21.9	01 46.05 +03 15.6 19.1	-1.74	+ 6.8	3.8/20.9	59131
2006 BA ₃	2009 10 21.9	01 46.07 +32 06.8 21.9	-0.86	- 3.5	5.2/28.5	04368
2007 EH ₅	2009 10 21.9	01 46.08 -06 52.2 20.8	-0.88	- 3.8	5.7/16.8	41324
2005 WQ ₅₉	2009 10 21.9	01 46.11 +26 27.0 20.0	-0.88	- 8.8	5.6/27.2	04364
2008 JM ₁₀	2009 10 21.9	01 46.12 +03 06.9 21.2	-0.88	- 6.6	2.9/19.6	62538
2007 AN ₉	2009 10 21.9	01 46.13 +15 18.5 21.3	-1.07	- 6.4	1.7/23.2	18185
2009 SR ₈₇	2009 10 21.9	01 46.15 +05 53.5 20.7	-0.81	- 6.4	1.8/20.4	62212
2000 BN ₁₂	2009 10 21.9	01 46.16 -01 04.7 19.9	-0.93	- 5.5	5.0/18.5	37916
2007 GC ₆₂	2009 10 21.9	01 46.18 +16 28.0 20.4	-0.68	- 5.1	1.5/23.7	62063

2005 NM ₆₁	2009 10 21.9	01 46.19 +03 47.9 20.2	-0.96	- 5.3	3.0/20.0	62423
2005 WH ₂	2009 10 21.9	01 46.20 -13 10.4 19.5	-0.97	+ 0.6	9.7/16.0	62459
2002 CZ ₁₉₈	2009 10 21.9	01 46.21 -01 45.0 20.1	-0.80	- 5.1	3.9/18.1	62341
2005 NT ₁₀₀	2009 10 21.9	01 46.23 +22 41.9 19.2	-1.02	- 6.7	4.7/25.6	38046
2007 HT ₈₂	2009 10 21.9	01 46.24 +00 45.1 19.8	-0.71	- 6.5	3.0/18.7	62521
2008 FQ ₄₅	2009 10 21.9	01 46.26 +12 21.6 20.2	-1.13	- 3.8	0.6/22.3	62530
2002 XO ₇₉	2009 10 21.9	01 46.27 +57 43.1 17.7	-0.88	- 6.1	21.3/14.0	59690
2000 SP ₃₂₀	2009 10 21.9	01 46.27 +04 37.2 21.4	-0.87	- 4.2	2.2/20.2	62308
2000 SQ ₃₀₂	2009 10 21.9	01 46.28 +23 30.5 18.6	-0.92	- 4.9	4.8/25.8	97404
2002 BE ₂₁	2009 10 21.9	01 46.30 +39 32.1 19.9	-1.74	+ 7.4	11.2/26.0	48196
2005 QW ₁₆₀	2009 10 21.9	01 46.31 +03 23.2 18.7	-0.57	- 2.2	4.4/19.6	34861
2007 HJ ₈₀	2009 10 21.9	01 46.32 +01 56.2 19.8	-0.72	- 6.6	2.8/19.1	41344
2009 SM ₄₆	2009 10 21.9	01 46.34 +12 28.7 20.4	-0.79	-10.4	0.5/22.5	62207
2004 TQ ₁₄₄	2009 10 21.9	01 46.34 +14 22.0 18.5	-0.95	- 0.7	1.2/22.8	62406
1999 XR ₂₂₄	2009 10 21.9	01 46.34 +21 01.8 19.4	-0.99	- 6.3	4.7/25.1	22373
2003 EQ ₃₈	2009 10 21.9	01 46.35 +23 48.9 19.8	-0.90	- 6.3	3.9/26.1	58819
2000 BR ₂₄	2009 10 21.9	01 46.35 +11 55.1 19.0	-0.90	- 1.7	0.3/22.2	62302
2001 EY ₉	2009 10 21.9	01 46.36 +06 27.8 19.0	-1.03	- 5.8	1.9/20.7	62312
2004 FU ₃₁	2009 10 21.9	01 46.36 -23 13.9 20.6	-1.04	- 1.7	10.4/11.9	62388
2007 EA ₂₂₁	2009 10 22.0	01 46.29 +07 00.1 20.8	-0.74	- 6.8	1.2/20.7	62060
2007 DF ₁₁₃	2009 10 22.0	01 46.29 +06 13.3 19.7	-0.73	- 6.5	1.4/20.5	62509
2004 GH ₅₉	2009 10 22.0	01 46.30 +05 38.0 20.3	-0.95	- 4.8	1.8/20.5	62391
2004 VS ₅₉	2009 10 22.0	01 46.31 +21 34.6 19.9	-0.79	- 6.7	3.3/25.4	86589
2005 SJ ₁₅₅	2009 10 22.0	01 46.33 +04 09.3 18.8	-1.04	- 1.7	2.9/20.4	59103
2005 MM ₅₃	2009 10 22.0	01 46.33 +12 53.9 20.6	-1.00	- 6.1	0.8/22.6	61921
2005 VJ ₂₅	2009 10 22.0	01 46.34 +15 33.3 19.6	-0.97	- 3.7	1.6/23.3	62456
2005 WF ₁₈₀	2009 10 22.0	01 46.35 -04 13.1 19.9	-1.05	+ 1.0	6.0/18.5	60853
1996 TC ₆₀	2009 10 22.0	01 46.36 +18 15.9 18.2	-0.90	- 4.9	3.2/24.2	62293
2002 TT ₆₃	2009 10 22.0	01 46.37 +12 58.9 19.2	-1.05	- 2.4	0.9/22.5	61866
2008 FG ₇₀	2009 10 22.0	01 46.38 +10 13.7 21.0	-0.99	- 7.6	0.3/21.8	62531
2001 WE ₉₀	2009 10 22.0	01 46.41 +16 29.9 19.3	-0.98	- 4.2	2.0/23.6	62330
2007 FF ₂₂	2009 10 22.0	01 46.42 +14 04.4 21.1	-0.91	- 2.9	0.9/22.9	19457
2005 UJ ₂₀₁	2009 10 22.0	01 46.42 +12 04.4 19.2	-0.85	- 7.7	0.4/22.4	62449
2005 GX ₉₂	2009 10 22.0	01 46.43 +08 37.0 20.4	-1.14	- 3.3	0.9/21.4	62418
2006 CN ₆₀	2009 10 22.0	01 46.43 +01 43.6 20.1	-0.88	- 1.5	2.9/19.6	60453
2008 HY ₁₁	2009 10 22.0	01 46.43 +04 32.1 20.3	-0.83	- 9.5	2.3/19.9	62092
2004 XT ₂₂	2009 10 22.0	01 46.45 +26 58.9 20.5	-0.80	- 5.7	4.4/27.2	02229
2003 SZ ₄₀	2009 10 22.0	01 46.45 +30 12.7 18.7	-1.23	+ 3.4	6.6/25.9	62375
2002 DL ₈	2009 10 22.0	01 46.48 -08 48.8 18.0	-1.00	+ 2.5	9.3/17.4	62343
2002 TJ ₇₁	2009 10 22.0	01 46.49 +21 38.5 19.2	-1.03	- 7.0	4.2/25.3	62357
2002 WB ₂₆	2009 10 22.0	01 46.51 -00 17.5 20.2	-1.01	- 2.7	4.9/19.1	39723
2004 JG ₂	2009 10 22.0	01 46.51 -01 25.1 19.7	-0.85	- 7.9	4.4/18.2	59091
2006 BT ₁₆₁	2009 10 22.0	01 46.53 +04 40.5 19.9	-0.71	- 8.4	1.9/19.9	62478
2001 XX ₁₇₃	2009 10 22.0	01 46.54 +01 18.2 19.0	-0.87	- 4.9	3.8/19.2	62333
2002 TR ₁₉₄	2009 10 22.0	01 46.54 +17 39.3 19.0	-1.03	- 2.3	3.3/23.8	62358
2008 EH ₄	2009 10 22.0	01 46.56 +16 17.3 20.7	-1.17	- 3.7	2.1/23.4	62526
2009 QU ₃₆	2009 10 22.0	01 46.57 +00 21.7 18.3	-0.75	- 6.0	5.5/18.7	62163
2003 GP ₃₅	2009 10 22.0	01 46.57 -10 30.0 19.0	-1.66	+ 7.2	10.6/19.1	62371
2002 CT ₉₆	2009 10 22.0	01 46.58 -06 25.5 18.8	-0.79	- 6.6	6.2/16.4	62340
2008 FT ₁₀₀	2009 10 22.0	01 46.59 -01 22.4 18.6	-1.10	+ 3.4	5.6/19.8	62531
2007 GL ₉	2009 10 22.0	01 46.59 +15 13.9 20.9	-0.83	- 2.3	1.1/23.2	21363

2004 VF ₃₇	2009 10 22.0	01 46.60 +13 22.5 19.9	-0.78 - 5.8	0.7/22.8	62412
2008 EV ₇₇	2009 10 22.0	01 46.64 +06 33.2 20.7	-0.98 - 6.0	1.6/20.8	62527
2008 FU ₂₆	2009 10 22.0	01 46.65 +12 09.4 21.0	-0.97 - 6.0	0.4/22.4	40204
2005 VF ₁₁₄	2009 10 22.0	01 46.65 +12 21.6 19.8	-0.88 - 5.4	0.5/22.5	62459
2006 BA ₁₁	2009 10 22.0	01 46.67 -07 12.6 19.9	-0.76 - 4.9	6.0/16.4	62476
2003 SV ₇₃	2009 10 22.0	01 46.68 +17 52.2 19.9	-0.84 - 2.7	2.2/24.0	62375
2001 XJ ₂	2009 10 22.0	01 46.69 +14 18.2 18.6	-1.44 + 5.4	1.3/22.6	62330
2003 GD ₃₆	2009 10 22.0	01 46.69 -10 23.1 20.5	-0.84 - 4.0	6.5/15.7	33380
2007 DR ₄₀	2009 10 22.0	01 46.70 -40 06.8 21.4	-1.02 - 1.8	14.0/05.0	20850
2006 BR ₁₄₇	2009 10 22.0	01 46.71 +05 39.2 21.2	-0.76 - 5.3	1.5/20.5	62478
2001 BR ₂₃	2009 10 22.0	01 46.71 +15 01.7 18.2	-1.04 - 4.8	2.0/23.2	62311
2008 GU ₄₇	2009 10 22.0	01 46.73 +03 53.1 21.3	-0.96 - 6.4	2.5/20.0	40210
2005 UN ₃₅₄	2009 10 22.0	01 46.76 +11 15.2 18.7	-1.15 + 2.3	0.1/22.1	61975
2007 JT ₂	2009 10 22.1	01 46.65 +01 47.1 19.8	-0.71 - 6.3	2.5/19.1	62521
2007 DW ₁₆	2009 10 22.1	01 46.66 +24 37.1 21.5	-0.98 - 3.0	4.1/25.9	17725
2004 TQ ₃₂₇	2009 10 22.1	01 46.67 +01 40.9 19.4	-0.84 - 4.0	3.0/19.4	62410
2004 FV ₄₉	2009 10 22.1	01 46.69 +11 13.0 21.0	-0.99 - 7.5	0.1/22.2	11045
2006 BO ₂₃₂	2009 10 22.1	01 46.69 +30 08.1 20.3	-0.96 - 2.1	5.8/27.5	01292
2005 YK ₃	2009 10 22.1	01 46.72 +58 35.2 21.4	-1.49 - 0.8	12.4/06.6	98031
2007 EC ₁₆	2009 10 22.1	01 46.75 +23 30.2 21.5	-0.81 - 3.6	2.9/25.9	47421
2005 UH ₃₈₈	2009 10 22.1	01 46.78 +03 42.4 20.3	-1.01 - 1.4	2.4/20.3	96298
2004 LX ₂₆	2009 10 22.1	01 46.78 -10 56.6 20.0	-0.93 - 2.9	7.0/16.1	40686
1999 VQ ₁₀₄	2009 10 22.1	01 46.78 +04 02.4 19.3	-0.89 - 1.5	2.4/20.3	74677
2008 RD ₁₄	2009 10 22.1	01 46.78 +32 02.6 20.8	-0.63 - 1.2	3.7/28.7	56132
2005 NP ₅₅	2009 10 22.1	01 46.80 +09 41.6 19.8	-1.10 - 3.0	0.5/21.8	62423
2000 FM ₇₁	2009 10 22.1	01 46.83 +11 40.4 20.6	-1.03 - 4.5	0.3/22.3	62304
2003 SG ₂₆₀	2009 10 22.1	01 46.83 +23 19.0 19.5	-0.85 - 3.7	3.8/25.8	95101
2002 CF ₄	2009 10 22.1	01 46.84 -08 00.8 19.7	-0.97 - 1.8	6.6/16.9	19567
2007 LB ₁	2009 10 22.1	01 46.84 +10 52.0 20.1	-0.75 - 6.8	0.0/22.1	62521
2005 QU ₁₁	2009 10 22.1	01 46.85 +47 28.6 20.6	-1.59 0.0	13.1/02.3	38883
2004 SO ₂₆	2009 10 22.1	01 46.85 -05 50.7 19.3	-0.69 - 9.8	6.7/15.9	62402
2005 WN ₁₁₄	2009 10 22.1	01 46.86 +14 43.8 18.7	-0.91 - 2.6	1.7/23.1	62463
2009 RM ₃₄	2009 10 22.1	01 46.89 +12 23.1 19.7	-1.06 - 3.3	0.5/22.5	62190
2004 DS ₃₈	2009 10 22.1	01 46.90 +12 50.4 19.8	-1.06 - 3.1	0.7/22.6	62385
2002 HD ₅	2009 10 22.1	01 46.90 +00 10.8 21.1	-0.75 - 4.5	2.7/18.9	62347
2005 VH ₆₅	2009 10 22.1	01 46.90 +09 51.7 20.2	-0.85 - 8.0	0.4/21.8	62458
2008 QB ₃₁	2009 10 22.1	01 46.90 +20 32.3 19.0	-0.53 - 3.2	1.7/25.2	62541
2003 OA ₁₇	2009 10 22.1	01 46.94 -05 48.5 19.9	-0.77 - 4.3	5.1/17.1	58451
2002 AG ₇₈	2009 10 22.1	01 46.95 +02 11.5 19.7	-0.89 - 3.5	3.1/19.7	97547
2002 TR ₁₃₄	2009 10 22.1	01 46.97 +24 07.3 19.4	-0.78 - 3.1	3.6/26.1	48881
2005 WM ₁₈₄	2009 10 22.1	01 47.02 +13 40.5 19.6	-0.97 - 3.7	0.9/22.9	62464
2005 QH ₇	2009 10 22.1	01 47.08 +02 28.6 20.5	-0.93 - 6.7	2.9/19.7	62425
2008 GS ₂₆	2009 10 22.1	01 47.09 -22 47.0 19.5	-1.29 + 6.1	14.4/16.5	62533
2003 PD ₂	2009 10 22.1	01 47.09 +23 24.4 19.5	-0.86 - 4.6	3.8/26.0	62373
2008 GH ₁₃₂	2009 10 22.1	01 47.10 +11 36.6 20.5	-0.99 - 6.4	0.2/22.4	62535
2002 SK ₂₅	2009 10 22.1	01 47.10 +22 52.4 19.7	-1.61 + 5.9	5.4/24.0	39719
2005 WC ₁₁₇	2009 10 22.1	01 47.10 +07 58.0 19.7	-0.80 - 7.1	1.3/21.2	61992
2002 TV ₇₄	2009 10 22.2	01 47.02 +02 55.6 18.7	-0.96 - 2.8	4.0/20.1	37969
2000 GY ₁₅₄	2009 10 22.2	01 47.03 +11 55.9 20.6	-0.89 - 8.0	0.3/22.5	62305
2005 UY ₁₈₅	2009 10 22.2	01 47.10 +05 49.2 20.5	-0.90 - 3.5	1.7/20.8	62448
1999 RV ₁₇₂	2009 10 22.2	01 47.11 +12 13.4 18.2	-0.96 - 0.8	0.5/22.5	62297

2003 GZ ₁₃	2009 10 22.2	01 47.11 +07 37.3 20.3	-0.48 - 3.7	0.6/21.1	61877
2003 AW ₇₁	2009 10 22.2	01 47.12 +40 16.6 19.1	-1.06 -10.3	11.8/01.9	77687
2005 WJ ₁₁₈	2009 10 22.2	01 47.14 +26 18.7 18.4	-0.84 - 6.9	6.8/27.4	98002
2000 CU ₆₉	2009 10 22.2	01 47.20 +20 31.9 18.5	-0.96 - 3.9	4.7/24.9	62302
2004 ND ₃	2009 10 22.2	01 47.23 -10 08.1 20.4	-0.89 - 3.3	6.4/16.4	40686
2002 BB ₂₇	2009 10 22.2	01 47.25 -03 09.0 20.9	-0.89 - 2.2	4.2/18.4	20759
2002 CK ₁₈₄	2009 10 22.2	01 47.27 +03 29.6 20.2	-0.81 - 5.0	2.3/20.0	62341
2007 DB ₄₅	2009 10 22.2	01 47.27 +22 27.0 20.4	-1.01 - 3.5	5.1/25.4	26250
2005 UJ ₃₄₅	2009 10 22.2	01 47.32 +03 27.2 20.0	-0.89 - 3.6	2.6/20.2	19665
2002 FS ₄₀	2009 10 22.2	01 47.32 +30 10.0 21.3	-0.62 - 1.4	3.4/28.2	02091
2007 HV ₇₉	2009 10 22.2	01 47.33 +02 56.7 20.3	-0.86 - 1.9	2.4/20.1	26284
2005 UH ₂₁₇	2009 10 22.2	01 47.36 -08 33.9 19.7	-0.83 - 6.4	7.4/15.9	62449
2006 DV ₄₅	2009 10 22.2	01 47.38 +19 33.5 20.4	-0.86 - 2.3	2.5/24.6	02291
2003 SQ ₅₄	2009 10 22.2	01 47.39 +17 45.0 18.7	-0.77 - 5.6	2.2/24.4	62375
2008 KC ₄₁	2009 10 22.2	01 47.46 -03 50.5 20.5	-0.94 - 4.6	5.6/18.1	40776
2009 SP ₄₀	2009 10 22.2	01 47.46 +08 37.4 20.0	-0.80 -10.5	1.0/21.5	62206
2005 UK ₂₁₄	2009 10 22.2	01 47.49 +22 44.3 18.3	-0.94 - 3.3	5.5/25.7	62449
2007 FT ₁₅	2009 10 22.2	01 47.49 +18 29.2 20.4	-0.94 - 3.7	2.5/24.4	62516
2001 OU ₅₃	2009 10 22.2	01 47.50 -06 30.2 18.9	-0.99 - 0.7	7.4/18.0	62314
2004 RN ₂₇₁	2009 10 22.3	01 47.44 +14 26.4 20.1	-0.90 - 3.8	1.2/23.3	62401
2006 ER ₇₁	2009 10 22.3	01 47.48 +10 52.3 21.0	-0.77 - 4.3	0.1/22.3	09539
2003 KA ₃	2009 10 22.3	01 47.48 -09 25.3 20.2	-0.93 - 0.4	6.7/17.2	95006
2005 YD ₈₁	2009 10 22.3	01 47.48 +12 18.0 20.0	-0.83 - 4.9	0.4/22.7	62469
2003 SZ ₂₁₀	2009 10 22.3	01 47.49 +23 57.6 19.2	-0.84 - 4.1	3.9/26.2	47261
2005 XL ₃₂	2009 10 22.3	01 47.49 +15 46.4 20.0	-0.86 - 5.7	1.6/23.7	62466
2007 FP ₃₆	2009 10 22.3	01 47.49 +14 43.7 22.5	-0.96 - 3.6	1.1/23.3	19468
2009 SS ₄₀	2009 10 22.3	01 47.49 +11 49.3 19.7	-0.82 - 3.7	0.3/22.5	62207
2007 EX ₁₃₄	2009 10 22.3	01 47.52 +10 30.7 20.1	-0.85 - 5.7	0.2/22.2	62514
2003 GQ ₄₄	2009 10 22.3	01 47.52 -12 24.1 21.0	-0.87 - 3.6	7.0/15.3	40115
2003 SK ₆₈	2009 10 22.3	01 47.53 +24 14.8 20.0	-0.86 - 3.3	3.8/26.2	60788
2002 EK ₁₃₇	2009 10 22.3	01 47.54 +06 19.5 20.7	-0.86 - 5.5	1.6/20.9	61846
2009 SE ₄₃	2009 10 22.3	01 47.54 +18 01.2 20.6	-0.90 - 4.5	2.7/24.3	62207
2004 RB ₃₂₅	2009 10 22.3	01 47.54 +14 28.6 19.2	-0.76 - 9.9	1.2/23.5	61900
2002 EP ₅₅	2009 10 22.3	01 47.55 -02 15.1 19.9	-0.81 - 9.8	5.1/17.7	62344
2004 DT ₂₃	2009 10 22.3	01 47.55 -01 16.2 18.9	-0.92 - 7.7	5.5/18.4	40120
2005 WH ₅₃	2009 10 22.3	01 47.55 +04 10.9 20.3	-0.92 - 2.5	2.5/20.5	03800
2004 KQ ₁₈	2009 10 22.3	01 47.57 -04 07.8 19.1	-0.80 - 8.3	5.9/17.4	38029
2000 DB ₉	2009 10 22.3	01 47.59 +03 56.0 20.2	-0.92 - 7.7	3.3/20.1	62303
2001 XY ₁₂₁	2009 10 22.3	01 47.59 +09 36.0 19.3	-0.86 - 6.7	0.6/21.9	62332
2003 HL ₂	2009 10 22.3	01 47.60 -32 33.8 18.9	-1.50 + 6.3	20.6/12.2	60786
2004 TY ₉₀	2009 10 22.3	01 47.60 +14 38.2 20.5	-0.81 - 5.7	1.2/23.4	61903
2002 QH ₁₂₄	2009 10 22.3	01 47.61 +00 48.7 19.8	-0.90 - 8.4	4.6/19.1	56883
2009 SY ₄₆	2009 10 22.3	01 47.63 +13 04.5 20.3	-0.80 - 8.0	0.6/23.0	62207
2002 TF ₁₃	2009 10 22.3	01 47.65 +14 36.8 19.3	-1.03 - 3.2	1.7/23.3	62356
2004 VM ₃₅	2009 10 22.3	01 47.65 +06 26.5 20.1	-0.81 - 4.2	1.7/21.0	62411
2002 CC ₂₃₃	2009 10 22.3	01 47.67 +00 05.9 19.0	-0.83 - 6.4	4.3/18.9	62342
2005 YT ₄₂	2009 10 22.3	01 47.68 +06 08.9 20.2	-0.82 - 4.7	1.7/20.9	62468
2001 FH ₇₂	2009 10 22.3	01 47.70 +05 11.7 20.1	-0.78 - 3.0	1.5/20.7	62313
2009 SO ₇₄	2009 10 22.3	01 47.73 +06 23.1 20.3	-1.13 - 0.8	1.9/21.3	62211
2007 EO ₄₃	2009 10 22.3	01 47.74 +17 00.6 20.3	-0.99 - 2.3	2.1/23.9	62051
2009 SU ₆₅	2009 10 22.3	01 47.75 +06 45.1 20.0	-0.77 - 4.0	1.5/21.1	62210

2005 NA ₁₂₂	2009 10 22.3	01 47.79 +15 14.1 18.9	-1.06 - 1.2	1.9/23.4	62424
2003 QU ₇₀	2009 10 22.3	01 47.79 -10 09.5 20.0	-0.73 - 4.5	6.2/15.7	40116
2006 KG ₁₁₈	2009 10 22.3	01 47.83 -16 38.5 19.3	-0.94 -14.4	13.2/11.7	62484
2005 OQ ₄	2009 10 22.3	01 47.86 +08 19.7 20.0	-1.07 - 3.1	1.1/21.7	62424
2005 UO ₂₈₃	2009 10 22.4	01 47.79 +07 07.5 20.1	-0.86 - 6.7	1.6/21.2	62451
2006 BO ₁₁₃	2009 10 22.4	01 47.80 +08 17.8 21.6	-0.74 - 4.0	0.7/21.6	97065
2005 RY ₂₂	2009 10 22.4	01 47.83 +08 39.6 18.8	-0.91 - 3.6	1.2/21.7	62430
2004 YM ₁₀	2009 10 22.4	01 47.84 +23 45.9 19.3	-0.78 - 7.4	3.8/26.6	02235
2005 UM ₁₅₀	2009 10 22.4	01 47.84 +09 57.0 20.7	-0.89 - 7.3	0.4/22.1	62447
2004 BL ₈₅	2009 10 22.4	01 47.86 +13 34.1 17.7	-0.96 - 2.2	1.3/23.1	62383
2005 QJ ₉₇	2009 10 22.4	01 47.88 +15 52.4 19.6	-1.09 - 3.0	1.9/23.6	62428
2005 UM ₂₂₅	2009 10 22.4	01 47.89 +13 00.1 20.3	-1.06 - 1.0	0.7/22.9	61969
2006 YK ₂₆	2009 10 22.4	01 47.92 +04 06.4 19.8	-0.99 - 3.9	2.9/20.6	62498
2005 MP ₂₆	2009 10 22.4	01 47.92 -00 55.0 19.9	-0.94 - 5.4	5.1/19.0	90215
2002 PE ₁₇₁	2009 10 22.4	01 47.93 -22 25.3 22.0	-0.71 - 3.5	7.4/11.4	24366
1997 SU ₃₂	2009 10 22.4	01 47.94 +11 00.4 20.2	-0.58 - 0.9	0.0/22.4	61828
2002 QR ₁₁₀	2009 10 22.4	01 47.95 -02 41.7 20.6	-0.96 - 6.9	5.5/18.3	37299
1998 UZ ₂	2009 10 22.4	01 47.98 +14 04.3 19.0	-0.83 - 9.3	1.3/23.4	62296
2005 SH ₇₉	2009 10 22.4	01 47.99 +07 24.6 20.0	-0.95 - 5.0	1.3/21.4	21830
2000 SG ₃₁₄	2009 10 22.4	01 48.00 +28 26.8 18.2	-0.79 -10.6	7.5/29.1	62308
2002 QF ₂₁	2009 10 22.4	01 48.06 +22 48.6 18.7	-1.13 - 1.7	5.5/25.4	62351
2004 PU ₄₅	2009 10 22.4	01 48.06 +08 54.9 20.1	-0.91 - 4.1	0.7/21.8	62395
2008 GW ₁₂₉	2009 10 22.4	01 48.08 -01 21.7 20.0	-0.99 - 4.2	4.9/19.1	58606
2005 WP ₅₁	2009 10 22.4	01 48.11 +07 06.9 19.0	-0.89 - 2.7	1.8/21.4	62461
2004 TA ₁₇₃	2009 10 22.4	01 48.12 +24 16.8 18.8	-0.83 - 6.5	4.4/26.8	97759
2005 WA ₁₁₁	2009 10 22.4	01 48.12 +03 41.0 19.4	-0.89 - 3.0	3.2/20.4	98001
2005 US ₅₁₀	2009 10 22.4	01 48.13 +29 12.0 19.9	-0.81 -10.4	7.5/29.2	11147
2007 EL ₈	2009 10 22.4	01 48.14 +18 50.5 22.0	-0.90 - 3.1	2.2/24.6	56089
2006 DZ ₇₁	2009 10 22.4	01 48.16 +12 18.4 21.6	-0.79 - 3.6	0.3/22.8	02293
2002 CC ₅₉	2009 10 22.4	01 48.17 -24 14.1 19.8	-0.86 -11.3	10.4/07.9	00153
2006 BA ₁₅₀	2009 10 22.4	01 48.19 -03 00.7 19.1	-0.85 - 2.1	4.7/18.6	62478
2005 TD ₄₃	2009 10 22.4	01 48.19 +10 55.8 20.1	-0.92 - 6.9	0.1/22.4	62439
2003 FR ₅₁	2009 10 22.4	01 48.20 +04 25.8 20.2	-0.86 - 6.9	2.2/20.4	62370
2005 LV ₅₁	2009 10 22.4	01 48.26 +10 18.3 20.6	-1.02 - 6.0	0.3/22.3	40134
2008 GR ₁₂₁	2009 10 22.5	01 48.17 +03 49.5 19.2	-0.87 - 8.6	3.3/20.2	62535
2003 SX ₂₇₂	2009 10 22.5	01 48.17 +17 05.4 19.5	-0.75 - 5.5	1.9/24.4	62377
2006 VO ₁₄₈	2009 10 22.5	01 48.24 +01 11.5 19.8	-0.95 - 5.1	4.3/19.7	16366
2007 HL ₃₂	2009 10 22.5	01 48.25 +12 25.7 20.5	-0.88 - 1.7	0.4/22.9	62520
2005 WZ ₉₇	2009 10 22.5	01 48.26 +16 58.6 20.1	-0.87 - 5.1	2.5/24.2	61992
2005 WE ₄₃	2009 10 22.5	01 48.30 +06 49.5 19.7	-0.91 - 3.3	1.7/21.4	62461
2004 SV ₂₃	2009 10 22.5	01 48.31 +08 05.7 20.6	-0.77 - 6.2	0.9/21.6	62402
2007 GT ₂₇	2009 10 22.5	01 48.37 -10 25.4 19.0	-0.85 - 0.5	6.9/16.9	22887
2007 GT ₇	2009 10 22.5	01 48.40 +09 41.2 20.6	-0.81 - 5.1	0.5/22.1	62518
2005 UU ₅₆	2009 10 22.5	01 48.41 +16 49.7 19.4	-1.04 - 1.7	2.1/24.0	62444
2003 FP ₄	2009 10 22.5	01 48.47 -16 13.8 19.1	-1.65 + 8.1	13.2/19.0	04253
2003 UJ ₃₂₈	2009 10 22.5	01 48.50 +07 48.6 19.8	-0.71 - 7.9	1.0/21.5	62379
2007 DX ₆₄	2009 10 22.5	01 48.52 +02 27.5 19.4	-0.80 - 6.8	3.5/19.9	62507
2008 GG ₄₅	2009 10 22.5	01 48.52 +13 20.0 20.0	-1.00 - 5.8	0.8/23.2	62533
2005 UO ₁₂₈	2009 10 22.5	01 48.55 +13 26.0 20.1	-0.92 - 6.5	0.8/23.3	62447
2003 TL ₂₇	2009 10 22.5	01 48.56 +20 01.4 20.7	-0.79 - 3.6	2.3/25.2	41799
2001 XR ₅₅	2009 10 22.5	01 48.58 +05 46.9 19.3	-0.83 - 7.1	2.1/20.9	62331

2003 SW ₃₁₄	2009 10 22.5	01 48.61 +16 27.9 20.2	-0.78 - 4.7	1.9/24.2	97683
2003 SK ₅₄	2009 10 22.5	01 48.61 +15 07.7 18.6	-0.73 - 7.4	1.2/23.9	62375
2003 DU ₉	2009 10 22.5	01 48.63 +18 24.7 20.3	-1.13 - 0.4	2.3/24.3	62368
2007 EH ₃₄	2009 10 22.6	01 48.56 +05 50.2 20.2	-0.96 - 5.0	2.1/21.1	62510
2008 LN ₁₂	2009 10 22.6	01 48.61 +03 36.1 20.5	-0.73 - 5.4	2.5/20.3	62541
2004 HZ ₂₅	2009 10 22.6	01 48.62 +03 59.8 20.3	-1.09 - 1.3	2.6/20.9	12879
2004 FL ₁₀₉	2009 10 22.6	01 48.63 +13 48.5 20.8	-1.02 - 4.5	0.9/23.3	59723
2001 XV ₃₀	2009 10 22.6	01 48.65 -15 55.9 19.3	-0.84 - 4.3	10.6/13.9	62330
2005 QJ ₁₃₁	2009 10 22.6	01 48.67 +12 33.4 21.3	-1.04 - 3.7	0.5/23.0	95716
2005 SV ₁₆₅	2009 10 22.6	01 48.68 +03 50.7 19.9	-0.93 - 4.5	2.9/20.6	62436
2002 JZ ₁₂₂	2009 10 22.6	01 48.69 -07 49.9 19.1	-0.88 - 0.4	5.6/17.9	19087
2004 XR ₁₀₀	2009 10 22.6	01 48.70 +09 26.7 20.3	-0.81 - 3.7	0.6/22.1	22783
2001 TX ₄₇	2009 10 22.6	01 48.70 -04 07.8 18.0	-1.15 + 4.0	6.9/19.8	62321
2008 OV ₅	2009 10 22.6	01 48.71 -07 28.2 20.8	-0.68 - 5.6	4.6/16.6	41708
2008 FQ ₇₆	2009 10 22.6	01 48.73 -13 12.0 19.2	-0.71 -26.6	11.4/11.3	43299
2002 EP ₁₄	2009 10 22.6	01 48.73 +10 24.0 19.8	-0.50 - 3.7	0.1/22.4	62343
2009 RO ₃₄	2009 10 22.6	01 48.73 +12 39.4 19.7	-1.00 - 3.3	0.6/23.0	62191
2006 AV ₁₀₀	2009 10 22.6	01 48.74 +13 04.4 21.5	-0.83 - 4.2	0.6/23.2	62475
2006 BR ₁₀₉	2009 10 22.6	01 48.74 +23 08.6 20.3	-0.87 - 3.1	3.6/26.1	19688
2000 QB ₁₄₄	2009 10 22.6	01 48.76 +18 25.3 18.8	-1.07 - 1.5	3.0/25.0	61834
2009 RV ₃₃	2009 10 22.6	01 48.76 +12 00.4 20.7	-0.86 - 4.0	0.3/22.9	62190
2004 XS ₁₇₉	2009 10 22.6	01 48.77 -04 04.0 19.9	-0.78 - 3.0	4.7/18.2	21162
2008 SH ₄₁	2009 10 22.6	01 48.77 +08 44.7 19.5	-0.53 - 2.2	0.5/21.9	62542
2006 BX ₂₆₆	2009 10 22.6	01 48.79 +10 08.6 19.9	-0.76 - 6.9	0.3/22.3	62479
2003 AJ ₃₆	2009 10 22.6	01 48.80 +22 36.5 19.7	-0.96 - 7.7	4.3/26.2	58446
2007 HL ₈₆	2009 10 22.6	01 48.81 -07 31.8 20.0	-0.91 + 0.4	6.1/18.0	62521
2005 SA ₂₃₃	2009 10 22.6	01 48.83 +12 00.3 19.7	-0.89 - 7.4	0.3/22.9	61942
2003 YK ₃₉	2009 10 22.6	01 48.84 +17 59.3 20.7	-1.10 - 5.0	2.8/24.5	62381
2005 MF ₉	2009 10 22.6	01 48.85 -00 01.5 20.5	-0.97 - 5.8	4.3/19.5	58502
2006 CZ ₁₈	2009 10 22.6	01 48.85 -16 33.8 19.8	-0.75 - 3.2	7.8/13.8	22538
2005 UD ₁₅₆	2009 10 22.6	01 48.86 -14 02.9 18.6	-0.90 + 5.6	13.4/17.8	60844
2008 EL ₉	2009 10 22.6	01 48.88 -10 10.1 18.1	-0.72 -27.1	10.0/13.0	62526
2009 SP ₄₃	2009 10 22.6	01 48.89 +14 07.5 19.4	-0.96 - 9.8	1.2/23.6	62207
2007 EZ ₁₈₂	2009 10 22.6	01 48.91 +12 12.2 19.6	-0.74 - 7.0	0.3/23.0	62515
2007 ER ₃₀	2009 10 22.6	01 48.93 +10 34.8 20.9	-0.93 - 4.5	0.2/22.5	17801
2005 KH ₁₃	2009 10 22.6	01 48.93 -04 53.8 19.5	-0.51 - 2.2	3.0/17.7	49967
2001 UE ₄₃	2009 10 22.6	01 48.95 +07 22.7 19.2	-0.94 - 3.5	1.6/21.6	62324
2000 UB ₁₁	2009 10 22.6	01 48.96 +16 23.9 17.7	-0.73 -12.1	2.0/24.6	62309
2006 DB ₁₄₇	2009 10 22.6	01 48.97 +16 51.4 21.0	-0.78 - 3.6	1.5/24.3	62481
2008 JX ₅	2009 10 22.6	01 48.98 +04 50.3 19.0	-0.98 - 1.5	2.2/21.1	62538
1998 JZ ₃	2009 10 22.6	01 49.01 -18 45.5 20.0	-1.28 + 3.4	11.1/17.1	39134
2002 TZ ₂₆₇	2009 10 22.6	01 49.01 +19 21.3 19.2	-1.11 - 3.2	3.6/25.0	62359
2006 WL ₂₀₄	2009 10 22.6	01 49.01 +25 47.9 19.4	-0.99 - 4.9	7.2/27.0	42862
2005 QV ₁₈₀	2009 10 22.6	01 49.02 +12 28.4 18.7	-1.23 + 2.7	0.6/22.9	62429
2001 XV ₂₆	2009 10 22.7	01 48.95 +22 40.4 19.0	-1.00 - 3.4	4.1/25.8	97516
2004 UC ₂	2009 10 22.7	01 48.96 -01 33.3 18.8	-0.83 - 4.6	4.8/18.9	40132
2009 SM ₄₇	2009 10 22.7	01 48.96 +17 02.8 20.2	-0.89 - 1.9	1.9/24.3	62208
2002 BH ₃₂	2009 10 22.7	01 48.96 +26 11.5 20.4	-0.97 - 2.5	4.7/26.9	58424
2004 XS ₂₇	2009 10 22.7	01 48.97 +07 31.7 20.6	-0.76 - 4.1	1.0/21.6	62414
2003 HY ₂₇	2009 10 22.7	01 48.98 +16 29.9 19.9	-0.85 - 7.7	1.6/24.4	18053
2004 FD ₅₂	2009 10 22.7	01 49.00 +04 43.2 20.0	-0.95 - 6.9	2.4/20.8	62389

2007 CJ ₅₀	2009 10 22.7	01 49.01 +15 59.7 18.6	-0.89 - 8.4	2.0/24.2	62504
2003 FS ₄₆	2009 10 22.7	01 49.03 +07 50.5 20.5	-0.90 - 6.2	1.2/21.7	62370
2004 RO ₁₉₇	2009 10 22.7	01 49.03 +13 26.6 19.4	-0.82 - 6.0	0.8/23.4	62399
2005 UA ₂₄₉	2009 10 22.7	01 49.03 +06 23.6 20.0	-0.95 - 2.8	1.9/21.5	62450
2005 QL ₈₉	2009 10 22.7	01 49.04 +21 53.9 19.3	-1.01 - 4.7	4.7/25.8	15838
2005 VK ₆	2009 10 22.7	01 49.05 +25 32.8 19.8	-0.90 - 8.6	5.2/27.6	97960
2004 VH ₂₉	2009 10 22.7	01 49.05 -04 49.5 19.9	-0.92 + 0.2	4.8/18.8	19175
2001 QL ₅₃	2009 10 22.7	01 49.06 +35 54.1 19.8	-1.30 - 1.8	9.4/29.9	87439
2004 GK ₁₃	2009 10 22.7	01 49.07 +22 48.5 21.6	-1.04 - 3.8	3.7/25.9	03620
2007 DQ ₄₇	2009 10 22.7	01 49.07 +15 01.7 21.4	-0.88 - 4.3	1.1/23.8	62506
2007 CG ₆₂	2009 10 22.7	01 49.10 +14 11.6 20.6	-0.93 - 8.5	1.1/23.7	62043
2007 GB ₄	2009 10 22.7	01 49.16 +03 57.4 20.4	-0.87 - 2.0	2.3/20.8	20861
2007 EQ ₅₂	2009 10 22.7	01 49.17 +23 01.4 20.7	-0.93 - 3.5	3.5/26.1	17813
2005 TY ₆₄	2009 10 22.7	01 49.25 +12 31.3 20.4	-0.97 - 5.2	0.5/23.1	20403
2008 GS ₂₀	2009 10 22.7	01 49.30 +09 08.6 19.1	-1.10 - 2.9	0.8/22.3	62089
2007 GZ ₆₈	2009 10 22.7	01 49.31 +10 05.3 20.5	-0.82 - 5.4	0.4/22.4	62519
2009 RD ₅₃	2009 10 22.7	01 49.36 +05 59.2 19.3	-0.73 - 7.4	1.7/21.1	62196
2001 CP ₃₄	2009 10 22.7	01 49.37 -27 55.3 21.1	-1.03 - 3.7	13.0/09.6	33312
2005 QA ₃₃	2009 10 22.7	01 49.38 +07 25.1 19.8	-0.92 - 6.2	1.7/21.7	62426
2007 AJ ₁₄	2009 10 22.8	01 49.30 -01 17.5 19.8	-0.92 - 5.2	4.5/19.2	18186
2003 RN ₁₅	2009 10 22.8	01 49.31 +24 51.0 18.8	-0.80 - 5.7	4.4/27.2	62374
2001 XZ ₉₁	2009 10 22.8	01 49.32 +15 11.9 19.4	-0.93 - 5.0	1.7/23.9	62331
2004 EJ ₇₆	2009 10 22.8	01 49.32 +11 17.1 20.2	-1.01 - 4.6	0.0/22.8	62387
2005 VQ ₄	2009 10 22.8	01 49.33 +20 51.9 19.2	-0.88 - 9.2	3.3/26.0	62456
2003 YF ₃₆	2009 10 22.8	01 49.33 -02 19.1 17.8	-0.95 + 1.1	7.6/19.7	62381
2005 PP ₁₄	2009 10 22.8	01 49.35 +09 59.6 19.6	-1.00 - 4.0	0.5/22.5	62425
2005 EE ₃₃	2009 10 22.8	01 49.37 +24 49.2 19.0	-1.03 -18.5	5.6/27.9	62417
2006 DM ₃₁	2009 10 22.8	01 49.39 +21 09.6 20.0	-0.86 - 2.5	3.2/25.6	01341
2003 GE	2009 10 22.8	01 49.39 -08 57.5 19.5	-0.95 -20.9	8.8/14.8	39185
2005 TA ₅₈	2009 10 22.8	01 49.39 +08 25.2 20.4	-0.85 - 8.6	1.0/21.9	61946
2006 BH ₁₅₈	2009 10 22.8	01 49.39 -01 40.2 19.9	-0.73 - 6.0	4.1/18.7	62478
2003 OG ₃₃	2009 10 22.8	01 49.43 -16 34.1 20.6	-0.77 - 5.0	7.6/14.1	40680
2007 BP ₈₀	2009 10 22.8	01 49.44 +23 07.1 20.3	-1.04 - 4.5	4.9/26.2	41310
2004 XC ₁₄₉	2009 10 22.8	01 49.45 +02 58.1 19.6	-0.82 - 2.8	2.8/20.6	19179
2008 NZ	2009 10 22.8	01 49.47 +33 54.6 21.7	-0.96 - 4.9	6.3/30.2	58608
2004 BM ₁₀₆	2009 10 22.8	01 49.48 -00 10.3 18.7	-0.97 - 4.2	5.5/19.7	60795
2008 FG ₆₉	2009 10 22.8	01 49.50 +06 47.0 21.3	-0.99 - 5.3	1.6/21.6	40749
2007 ED ₂₅	2009 10 22.8	01 49.53 +08 06.5 20.2	-0.86 - 6.2	1.0/21.9	62510
2005 SQ ₃₈	2009 10 22.8	01 49.54 +11 46.6 21.2	-0.96 - 5.5	0.2/23.0	62432
2006 YO ₄₉	2009 10 22.8	01 49.55 +07 38.6 18.8	-1.07 - 2.2	1.7/22.0	62498
2008 DK ₆₉	2009 10 22.8	01 49.55 +19 50.9 20.0	-1.59 + 3.6	3.9/24.3	39291
2004 JW ₃₀	2009 10 22.8	01 49.55 -09 39.1 19.6	-1.03 + 0.6	7.7/18.2	62393
2002 EN ₅₄	2009 10 22.8	01 49.56 +04 20.8 20.6	-0.82 - 5.2	2.2/20.8	62344
2005 VA ₃₉	2009 10 22.8	01 49.57 +06 57.6 19.9	-0.84 - 6.1	1.6/21.6	62457
2006 BV ₉₀	2009 10 22.8	01 49.58 -10 01.9 21.4	-0.81 - 4.0	6.2/16.3	97049
2002 GC ₇₀	2009 10 22.8	01 49.58 +05 30.6 19.7	-0.93 - 4.4	2.0/21.2	62346
2007 EU ₉₉	2009 10 22.8	01 49.59 +12 51.0 20.6	-0.93 - 4.0	0.6/23.3	62512
2003 WX ₆₂	2009 10 22.8	01 49.62 +08 48.7 19.7	-0.76 - 2.6	0.7/22.2	62380
2003 ES ₃₄	2009 10 22.8	01 49.63 +05 19.2 19.9	-0.82 - 7.7	1.8/21.0	62369
2005 SV ₂₆₅	2009 10 22.8	01 49.66 +07 08.9 20.7	-0.96 - 5.3	1.5/21.7	62438
2005 WO ₇₂	2009 10 22.8	01 49.67 +25 02.6 19.5	-0.89 - 6.9	4.6/27.3	18158

2005 UL ₃₀	2009 10 22.8	01 49.68 +07 07.6 18.3	-1.07 + 1.0	1.8/22.0	62443
2002 CZ ₂₀₆	2009 10 22.8	01 49.68 -05 01.2 19.6	-0.49 - 3.0	2.9/17.6	89244
2005 ST ₁₀₃	2009 10 22.8	01 49.68 +17 10.7 19.1	-0.93 - 5.8	2.5/25.0	62434
2005 VA ₈₃	2009 10 22.8	01 49.69 +10 33.9 19.7	-0.83 - 7.4	0.2/22.7	62458
2006 CD ₁₇	2009 10 22.8	01 49.73 -05 56.2 19.8	-0.74 - 5.4	5.9/17.5	62480
2005 VP ₄₃	2009 10 22.8	01 49.75 +12 12.9 18.4	-0.93 - 2.2	0.4/23.1	62457
2002 CF ₃₁₆	2009 10 22.9	01 49.68 +17 59.1 20.6	-0.53 - 2.3	1.2/25.0	62343
2008 ES ₁₃₇	2009 10 22.9	01 49.70 +06 15.8 20.5	-0.98 - 5.5	1.9/21.5	62528
2002 BL ₅	2009 10 22.9	01 49.71 +14 29.2 18.3	-1.29 + 4.9	1.4/23.4	62339
2004 FC ₉₄	2009 10 22.9	01 49.73 +04 12.9 19.0	-0.87 -16.1	2.6/20.3	62389
2003 ST ₃₃₇	2009 10 22.9	01 49.73 +04 48.3 19.9	-0.69 - 7.4	1.8/20.8	62378
2004 ED ₉₆	2009 10 22.9	01 49.77 +42 58.0 21.0	-1.54 + 1.9	11.5/30.4	18068
2005 YO ₁₀₁	2009 10 22.9	01 49.79 +08 36.9 20.2	-0.85 - 4.7	1.0/22.1	62470
2002 VS ₃₀	2009 10 22.9	01 49.80 +09 58.2 18.4	-0.92 - 3.8	0.7/22.6	62361
2006 BH ₂₁₂	2009 10 22.9	01 49.81 +03 36.9 20.7	-0.74 - 4.5	2.2/20.6	62479
2006 BJ ₁₀₈	2009 10 22.9	01 49.82 -09 30.0 21.5	-0.74 - 4.0	5.6/16.5	20486
2007 GA ₇₆	2009 10 22.9	01 49.82 +06 06.2 20.6	-0.88 - 1.4	1.6/21.6	62519
2005 UE ₂₂	2009 10 22.9	01 49.83 +13 07.5 20.8	-0.95 - 4.1	0.7/23.4	62443
2003 QP ₁₆	2009 10 22.9	01 49.86 -04 05.2 20.0	-0.71 - 6.0	4.8/18.0	20782
2005 WN ₃₀	2009 10 22.9	01 49.86 +09 45.6 18.1	-0.86 - 1.1	0.8/22.5	62460
2007 EA ₁₃	2009 10 22.9	01 49.89 +15 39.7 20.5	-0.91 - 4.8	1.4/24.2	62509
2000 DP ₁₀₄	2009 10 22.9	01 49.93 +04 47.8 19.8	-0.98 - 3.7	2.2/21.2	62303
2005 WT ₇₁	2009 10 22.9	01 49.94 +17 10.4 18.9	-0.97 - 3.4	2.3/24.6	62461
2007 EU ₁₃₁	2009 10 22.9	01 49.96 -02 03.9 19.2	-0.71 - 8.8	4.3/18.4	62513
2005 YY ₃₉	2009 10 22.9	01 49.99 +13 09.7 21.5	-0.79 - 4.4	0.5/23.5	21618
2005 VN ₅₈	2009 10 22.9	01 49.99 +17 21.7 20.4	-0.98 - 3.9	2.2/24.6	62457
2005 WG ₃₄	2009 10 22.9	01 50.00 +28 44.3 19.6	-0.85 - 9.4	7.1/29.1	97983
2004 XW ₁₄₂	2009 10 22.9	01 50.02 +01 06.7 19.8	-0.87 - 1.0	3.4/20.4	21589
2008 FK ₁₁₆	2009 10 22.9	01 50.05 +06 40.5 21.6	-0.94 - 4.8	1.6/21.7	51069
2008 GJ ₆₂	2009 10 22.9	01 50.05 +07 18.7 20.4	-0.96 - 5.9	1.5/21.8	60904
2001 XR ₃₄	2009 10 22.9	01 50.06 +34 47.7 18.8	-1.05 - 4.3	8.6/30.4	16187
2007 EW ₄₈	2009 10 22.9	01 50.06 +11 42.8 19.7	-1.02 - 1.5	0.1/23.1	62511
2005 UO ₄₈₄	2009 10 22.9	01 50.07 -09 51.3 19.4	-0.99 + 1.0	9.3/18.0	62455
2006 CU ₅₂	2009 10 22.9	01 50.09 -05 03.8 20.4	-0.76 - 5.4	5.3/17.8	20841
2006 BX ₂₂₂	2009 10 22.9	01 50.12 +09 20.4 20.4	-0.81 - 4.7	0.6/22.4	62479
2000 WE ₉₄	2009 10 22.9	01 50.12 +21 32.4 18.1	-0.83 - 6.7	4.1/26.2	60734
2003 GQ ₅₁	2009 10 22.9	01 50.14 -10 15.1 20.7	-0.85 - 4.6	6.3/16.4	40679
2008 GO ₁₂₃	2009 10 22.9	01 50.14 +09 55.0 19.4	-0.84 -10.4	0.5/22.5	62535
2005 SB ₂₅₁	2009 10 22.9	01 50.22 +46 06.3 18.6	-2.01 +16.9	18.9/25.0	62437
2004 PV ₃₁	2009 10 23.0	01 50.07 +27 16.8 20.4	-1.03 - 2.8	5.1/27.5	20793
2002 EN ₁₄₂	2009 10 23.0	01 50.08 -01 38.9 20.4	-0.77 - 6.1	3.9/19.0	19576
1996 PJ ₂	2009 10 23.0	01 50.09 +32 48.9 19.4	-1.09 - 3.0	8.5/29.5	62293
2001 YT ₂₀	2009 10 23.0	01 50.13 +16 56.9 19.1	-0.91 - 5.1	2.4/24.6	62334
2007 RD ₂₃₇	2009 10 23.0	01 50.13 +16 21.0 20.5	-0.52 - 2.8	0.9/24.6	62522
2005 VR ₁₃₅	2009 10 23.0	01 50.15 -01 13.5 20.7	-0.94 - 3.0	4.3/19.6	41833
2007 DS ₉	2009 10 23.0	01 50.15 +22 35.4 20.2	-0.89 - 5.5	3.3/26.4	41862
2005 QY ₆₄	2009 10 23.0	01 50.17 +00 26.3 20.4	-0.94 - 5.5	3.9/19.9	39222
2006 DJ ₁₁	2009 10 23.0	01 50.17 +15 32.7 21.9	-0.84 - 3.2	1.1/24.2	02287
2001 YL ₄	2009 10 23.0	01 50.18 -12 25.2 19.0	-0.95 - 2.6	9.2/16.0	62334
2007 BQ ₄₀	2009 10 23.0	01 50.20 +12 16.1 20.1	-1.00 - 5.6	0.4/23.3	62035
2005 GY ₂₅	2009 10 23.0	01 50.21 +12 34.3 20.2	-1.13 - 4.5	0.5/23.4	62418

2002 QC ₇₈	2009 10 23.0	01 50.21 +10 06.9 19.3	-0.93 - 7.2	0.6/22.7	61855
2007 EM ₄	2009 10 23.0	01 50.24 +06 33.8 21.0	-0.94 - 6.5	2.0/21.6	62509
2006 BT ₂₇₆	2009 10 23.0	01 50.25 +31 24.5 21.9	-0.89 - 2.2	4.9/28.9	53476
2001 WM ₉₂	2009 10 23.0	01 50.26 +24 45.8 18.5	-0.89 - 8.5	5.4/27.5	16186
2007 PP ₄₇	2009 10 23.0	01 50.27 -00 48.0 20.7	-0.47 - 3.3	2.1/19.1	62521
2002 AJ ₁₉₅	2009 10 23.0	01 50.28 +07 42.2 19.3	-0.84 - 6.6	1.5/21.9	62338
2005 YG ₁₈₁	2009 10 23.0	01 50.30 -06 20.1 19.5	-0.76 - 8.3	6.7/17.1	40159
2002 PV ₆₈	2009 10 23.0	01 50.32 +22 46.5 21.0	-1.09 - 7.5	3.8/26.5	33348
2004 RZ ₃₂₃	2009 10 23.0	01 50.34 +24 11.1 19.2	-0.95 - 2.4	4.6/26.6	59738
2005 XH ₁₁₂	2009 10 23.0	01 50.38 -05 29.7 19.7	-0.77 - 3.8	4.9/18.0	40158
2009 RE ₅₃	2009 10 23.0	01 50.39 +11 43.5 20.7	-0.94 - 1.4	0.1/23.2	62197
2005 WU ₁₄₇	2009 10 23.0	01 50.41 +13 15.0 20.1	-0.90 - 4.5	0.8/23.6	62463
2009 RS ₃₃	2009 10 23.0	01 50.42 +07 25.3 19.1	-0.80 -10.2	1.5/21.8	62190
2003 FU ₆₁	2009 10 23.0	01 50.44 +10 09.6 20.4	-0.92 - 2.8	0.4/22.8	62370
2000 GW ₅₁	2009 10 23.0	01 50.44 +09 43.9 21.7	-0.96 - 4.5	0.5/22.6	21756
2007 BP ₇₄	2009 10 23.0	01 50.44 +29 36.8 20.5	-1.03 - 3.3	5.9/28.4	22872
2007 EF ₂₇	2009 10 23.0	01 50.45 +23 30.8 22.0	-0.89 - 1.7	3.1/26.4	20852
2006 BZ ₁₃₄	2009 10 23.0	01 50.46 +11 59.1 20.5	-0.83 - 4.0	0.2/23.3	62478
2009 RQ ₂₀	2009 10 23.0	01 50.49 +09 18.1 19.9	-0.82 - 6.9	0.8/22.5	62184
2005 YE ₄₇	2009 10 23.0	01 50.50 +33 49.4 19.6	-0.96 - 3.4	9.3/30.1	62469
2007 CG ₁₉	2009 10 23.1	01 50.45 +21 33.4 19.3	-0.99 - 6.1	3.9/26.2	22873
2003 BL ₄₉	2009 10 23.1	01 50.46 +05 27.3 19.8	-0.97 - 5.0	2.4/21.4	62367
2009 RB ₃₄	2009 10 23.1	01 50.47 +12 23.7 20.0	-0.82 - 2.9	0.3/23.4	62190
2004 FY ₄₆	2009 10 23.1	01 50.49 +13 31.0 21.4	-0.92 - 6.3	0.6/23.7	66349
2008 KN ₃₇	2009 10 23.1	01 50.51 +08 10.7 20.7	-1.02 - 3.0	1.2/22.3	41688
2006 DB ₃₅	2009 10 23.1	01 50.52 +12 11.3 20.7	-0.80 - 3.9	0.2/23.4	11159
2006 BQ ₂	2009 10 23.1	01 50.54 +23 47.5 20.8	-0.80 - 4.7	3.3/26.9	47376
2007 LP ₃₇	2009 10 23.1	01 50.55 +07 40.3 20.9	-0.71 - 6.0	1.0/22.0	62521
2007 BV ₃₅	2009 10 23.1	01 50.56 +14 59.4 20.8	-1.00 - 5.2	1.3/24.1	18189
2006 BU ₇₈	2009 10 23.1	01 50.58 +25 30.8 20.0	-0.91 - 2.5	4.5/27.1	09499
2006 YE ₂	2009 10 23.1	01 50.58 +06 52.7 20.9	-0.94 - 5.3	1.5/21.9	62497
2006 YK ₅	2009 10 23.1	01 50.60 -00 27.4 20.3	-0.99 - 3.1	4.4/20.1	40706
2009 RN ₃₄	2009 10 23.1	01 50.61 +15 18.1 19.6	-1.01 - 0.7	1.6/24.1	62190
2005 AR ₄₅	2009 10 23.1	01 50.63 +47 37.9 19.4	-1.44 - 4.6	16.9/05.6	11077
2005 XW ₅₃	2009 10 23.1	01 50.64 +24 44.9 19.3	-0.84 - 8.7	5.3/27.7	04366
2002 GT ₆₃	2009 10 23.1	01 50.64 +07 27.0 19.3	-0.75 - 8.0	1.2/21.9	62346
2001 XP ₁₂₂	2009 10 23.1	01 50.65 +05 04.4 19.6	-0.87 - 3.1	3.0/21.4	62332
2006 BX ₈₉	2009 10 23.1	01 50.68 +24 17.1 19.4	-0.90 - 3.2	4.4/26.9	03845
2001 RH ₈₄	2009 10 23.1	01 50.70 +12 23.8 19.3	-0.92 - 6.1	0.4/23.5	62317
2008 FQ ₁₀	2009 10 23.1	01 50.71 +16 45.0 20.1	-1.09 - 5.8	2.2/25.0	62083
2005 LZ ₁₈	2009 10 23.1	01 50.72 +14 18.4 19.9	-0.51 - 5.0	0.6/24.1	62420
2003 FC ₇₄	2009 10 23.1	01 50.75 +03 50.3 22.0	-0.84 - 5.4	2.2/20.9	58449
2007 JW ₃₈	2009 10 23.1	01 50.75 +08 59.1 20.0	-0.90 - 0.4	0.7/22.6	62066
2009 SK ₄₈	2009 10 23.1	01 50.75 +16 43.1 19.9	-0.99 - 2.7	1.9/24.6	62208
2009 SG ₄₇	2009 10 23.1	01 50.77 +15 36.5 19.7	-0.81 - 3.8	1.5/24.4	62208
2001 XZ ₁₀₄	2009 10 23.1	01 50.77 +05 02.0 20.5	-0.88 - 4.9	2.3/21.3	62332
2004 LJ ₆	2009 10 23.1	01 50.79 -06 20.9 18.5	-1.04 + 2.1	7.7/19.5	62393
2004 EA ₆₈	2009 10 23.1	01 50.79 +18 38.2 20.6	-1.01 - 5.4	2.4/25.2	95186
2005 XZ ₄₂	2009 10 23.1	01 50.81 +11 01.1 19.0	-0.79 - 9.0	0.2/23.1	62466
2002 WE ₃₀	2009 10 23.1	01 50.82 -00 52.7 19.6	-0.94 - 3.5	5.6/19.9	59407
2002 ED ₇₂	2009 10 23.1	01 50.82 +24 48.8 19.4	-0.64 - 1.0	2.6/27.1	48863

2008 JX ₂	2009 10 23.1	01 50.83 +01 46.9 20.1	-0.93 - 5.6	3.5/20.5	58607
2006 DG ₂₆	2009 10 23.1	01 50.85 +25 42.2 19.7	-0.88 - 3.0	4.4/27.3	22811
2005 UQ ₄₁₀	2009 10 23.1	01 50.85 +09 36.3 20.6	-0.86 - 5.9	0.6/22.7	62453
2005 TK ₁₈₆	2009 10 23.1	01 50.87 +10 52.2 20.7	-0.94 - 4.0	0.2/23.0	62442
2004 EJ ₉₀	2009 10 23.1	01 50.89 +08 23.6 21.6	-0.99 - 4.1	1.0/22.4	41142
2006 DO ₃₈	2009 10 23.1	01 50.89 +16 56.8 20.2	-0.83 - 3.3	1.6/24.8	62481
2001 YY ₆₉	2009 10 23.2	01 50.83 +23 40.0 17.8	-0.88 - 3.8	5.8/26.8	62335
2004 VK ₅₆	2009 10 23.2	01 50.83 +05 05.3 19.8	-0.83 - 2.2	1.9/21.5	62412
2002 JT ₈₆	2009 10 23.2	01 50.84 +17 56.8 19.8	-0.76 - 7.3	1.9/25.4	74182
2006 BS ₂	2009 10 23.2	01 50.84 -07 20.5 19.2	-0.86 - 5.0	6.8/17.3	62476
2005 XF ₄	2009 10 23.2	01 50.88 +04 07.1 19.6	-0.88 - 3.2	3.2/21.2	61996
2007 HE ₃₃	2009 10 23.2	01 50.91 +15 28.5 20.8	-0.77 - 5.9	1.2/24.5	62520
2008 JE ₁₀	2009 10 23.2	01 50.91 +11 57.2 21.4	-0.97 - 7.1	0.2/23.4	41669
2005 UV ₇₆	2009 10 23.2	01 50.93 -04 56.7 19.5	-0.71 -11.0	6.9/17.3	40696
2005 MK ₃₈	2009 10 23.2	01 50.94 +24 48.6 19.8	-1.06 - 5.4	5.6/27.1	42760
2003 PJ ₁₁	2009 10 23.2	01 50.96 -10 11.8 20.1	-0.72 - 6.1	6.7/16.1	10979
1999 XH ₁₄₈	2009 10 23.2	01 50.96 +00 00.9 20.0	-0.85 - 2.0	3.5/20.2	20732
2005 QS ₁₇₈	2009 10 23.2	01 50.97 +07 28.3 18.7	-0.86 - 5.2	1.8/22.1	62429
1995 SA ₃₉	2009 10 23.2	01 50.99 +14 44.4 20.2	-0.93 - 2.8	1.1/24.1	62292
2003 AP ₇₈	2009 10 23.2	01 51.00 +11 33.3 19.4	-0.88 - 6.6	0.1/23.3	62366
2006 WY ₇₅	2009 10 23.2	01 51.03 +16 49.2 19.2	-0.98 - 9.5	2.5/25.0	37589
2001 TR ₁₆₉	2009 10 23.2	01 51.04 +20 14.6 18.3	-1.34 + 5.5	4.1/25.0	62323
2007 DT ₉₁	2009 10 23.2	01 51.07 +16 38.2 21.1	-0.97 - 4.0	1.9/24.7	19707
2001 TM ₁₃₄	2009 10 23.2	01 51.08 +32 38.3 18.2	-1.05 - 1.5	9.9/29.2	62322
2002 ST ₅₁	2009 10 23.2	01 51.08 +00 38.3 18.3	-1.06 - 0.3	5.2/20.8	62356
2003 UQ ₃₄₃	2009 10 23.2	01 51.09 +03 09.9 20.8	-0.69 - 6.5	2.3/20.6	62380
2005 YX ₂₇₄	2009 10 23.2	01 51.10 -01 22.7 19.5	-0.82 - 6.1	4.4/19.2	35939
1998 HJ	2009 10 23.2	01 51.10 +00 33.9 21.9	-0.98 - 6.1	3.8/20.2	41068
2007 CJ ₅₉	2009 10 23.2	01 51.10 +18 43.6 19.7	-0.95 - 6.7	2.8/25.4	22875
2008 FY ₁₂₇	2009 10 23.2	01 51.11 +09 38.7 21.5	-1.02 - 3.9	0.7/22.8	41584
2004 WV ₁	2009 10 23.2	01 51.14 +10 19.9 20.2	-0.79 - 3.9	0.3/23.0	62413
2007 CS ₅₁	2009 10 23.2	01 51.15 +17 52.9 20.1	-1.00 - 3.4	2.2/25.0	62504
1998 SB ₇	2009 10 23.2	01 51.17 +05 47.2 20.4	-0.93 - 7.6	2.1/21.6	62295
2007 FV ₃₈	2009 10 23.2	01 51.18 +32 48.9 19.7	-1.05 - 3.5	7.0/29.5	47426
2005 YO ₄₁	2009 10 23.2	01 51.18 -11 40.7 20.2	-0.97 - 2.0	8.3/16.7	62468
2002 RC ₈₂	2009 10 23.2	01 51.18 +21 49.6 19.4	-1.16 - 2.6	4.4/25.9	37964
2002 GJ ₂₉	2009 10 23.2	01 51.18 +03 40.1 21.2	-0.80 - 6.1	2.5/20.9	62346
2006 DG ₁₅₃	2009 10 23.2	01 51.20 +33 21.9 19.2	-1.08 + 0.6	8.0/29.0	01425
2002 EY ₁₆₂	2009 10 23.2	01 51.21 +24 05.0 19.8	-0.63 - 1.1	2.4/27.0	57970
2002 VD ₁₂₀	2009 10 23.2	01 51.21 +41 47.2 17.3	-0.76 -16.0	13.6/06.9	62362
2007 BB ₂₅	2009 10 23.2	01 51.22 +00 31.5 19.5	-0.93 - 3.8	5.1/20.3	16012
2001 XP ₂₃₁	2009 10 23.2	01 51.24 +18 01.7 19.3	-0.99 - 4.7	2.5/25.0	62334
2005 WB ₇	2009 10 23.2	01 51.26 +05 02.9 19.1	-0.92 - 3.3	2.5/21.6	62459
2007 HD ₅₅	2009 10 23.2	01 51.26 +02 14.2 20.2	-0.71 - 5.8	2.4/20.4	41873
2004 CO ₁₀₈	2009 10 23.3	01 51.20 +07 32.8 20.2	-0.96 - 8.4	1.6/22.1	62385
2007 HD ₅₈	2009 10 23.3	01 51.22 +01 39.2 20.8	-0.77 - 7.4	2.9/20.2	41873
2007 LZ ₈	2009 10 23.3	01 51.24 +08 23.2 20.4	-0.72 - 4.9	0.8/22.4	62521
2006 CX ₂₇	2009 10 23.3	01 51.24 -05 06.7 19.1	-0.76 - 4.9	5.5/18.2	62480
2004 EN ₂	2009 10 23.3	01 51.28 +19 18.9 20.0	-1.09 - 3.9	3.4/25.4	60798
2004 TN ₂₀₃	2009 10 23.3	01 51.29 +10 36.6 20.1	-0.80 - 3.2	0.2/23.1	62408
2002 JE ₉₁	2009 10 23.3	01 51.29 +14 47.0 20.2	-0.86 - 6.1	1.0/24.3	62348

2008 FY ₁₁₇	2009 10 23.3	01 51.29 +11 42.9 20.1	-0.98 - 4.9	0.1/23.4	62532	2007 AH ₂₉	2009 10 23.5	01 51.97 +21 19.2 19.5	-0.97 - 5.1	4.6/26.3	40174
2001 SA ₂₂₇	2009 10 23.3	01 51.32 +06 10.6 19.2	-0.68 - 3.9	1.6/21.8	62320	2007 GP ₆₁	2009 10 23.5	01 51.97 +15 40.8 21.0	-0.94 - 4.0	1.5/24.6	62519
2005 YF ₉₂	2009 10 23.3	01 51.35 +00 57.0 21.3	-0.77 - 4.1	3.0/20.3	20831	2004 VL ₆	2009 10 23.5	01 51.99 -01 01.7 19.0	-0.93 - 0.0	4.4/20.5	62411
2005 WH ₁₅	2009 10 23.3	01 51.35 +05 00.0 19.7	-0.94 - 2.2	2.8/21.7	61987	2005 QN ₁₇	2009 10 23.5	01 52.00 +13 08.5 20.0	-1.03 - 3.6	0.6/23.9	62426
2008 GT ₆₂	2009 10 23.3	01 51.37 +10 46.7 20.4	-0.87 - 9.8	0.2/23.1	43300	2007 BK ₂₀	2009 10 23.5	01 52.00 -04 37.4 20.7	-0.99 - 5.9	6.5/18.7	22870
2005 VA ₁₂₇	2009 10 23.3	01 51.38 +07 08.2 21.0	-0.82 - 8.2	1.9/22.0	21849	2008 HX ₅₀	2009 10 23.5	01 52.01 +07 55.9 21.2	-0.96 - 5.6	1.3/22.5	40024
2004 TQ ₁₂₅	2009 10 23.3	01 51.38 +08 40.7 19.5	-0.78 - 6.4	1.0/22.5	62406	2003 ST ₆₁	2009 10 23.5	01 52.05 -12 26.1 19.5	-0.68 - 7.2	7.6/15.2	62375
2003 QP ₃₅	2009 10 23.3	01 51.39 +26 33.4 18.6	-0.93 - 2.1	5.2/27.6	62373	2002 RA ₇₆	2009 10 23.5	01 52.09 +12 20.7 19.6	-0.98 - 5.3	0.4/23.8	61861
2006 BB ₂₇₈	2009 10 23.3	01 51.41 -04 43.4 20.5	-0.80 - 3.2	4.9/18.7	41241	2005 UR ₃₀₁	2009 10 23.5	01 52.10 -05 45.4 20.0	-1.03 + 3.0	8.0/20.0	56033
2005 YQ ₁₄₂	2009 10 23.3	01 51.44 +11 15.7 20.9	-0.84 - 3.9	0.1/23.3	20832	2005 UV ₃₁₉	2009 10 23.5	01 52.12 +12 01.9 19.7	-0.98 - 1.5	0.2/23.7	61974
2005 YV ₁₀	2009 10 23.3	01 51.44 +12 34.8 19.1	-0.87 - 4.8	0.5/23.7	62468	2008 GV ₈₂	2009 10 23.5	01 52.16 +04 06.6 19.9	-1.03 - 2.4	3.2/21.7	41614
2002 CD ₃₁₄	2009 10 23.3	01 51.47 +15 34.9 20.1	-1.06 - 2.2	1.7/24.4	62343	2005 XX ₁₁₇	2009 10 23.5	01 52.17 +09 03.8 20.1	-0.91 - 2.8	0.9/22.9	61999
2007 EV ₁₀₉	2009 10 23.3	01 51.48 +06 03.0 20.6	-0.80 - 4.4	1.7/21.8	62513	2001 RG ₁₅₂	2009 10 23.5	01 52.17 +15 27.5 18.9	-1.23 + 2.5	1.7/24.3	62318
2008 LZ ₄	2009 10 23.3	01 51.48 -11 03.4 20.6	-0.77 - 2.8	6.4/16.8	40777	2004 QA ₂₆	2009 10 23.5	01 52.18 +07 20.9 19.6	-0.87 - 4.4	1.6/22.4	62396
2006 BV ₁₈₂	2009 10 23.3	01 51.52 +23 11.5 20.5	-0.87 - 3.1	3.5/26.7	38085	2008 HG ₁₀	2009 10 23.5	01 52.18 +11 43.2 20.1	-1.12 - 1.4	0.1/23.6	62092
2002 PR ₁₇₈	2009 10 23.3	01 51.53 +45 06.4 20.9	-1.05 - 1.6	7.9/03.3	52347	2008 RH ₁₂₅	2009 10 23.5	01 52.19 +18 03.3 20.3	-0.55 - 2.4	1.2/25.6	62101
2002 CL ₂₈₉	2009 10 23.3	01 51.53 -06 27.8 19.8	-0.93 - 2.3	6.1/18.5	62342	2003 AF ₅₂	2009 10 23.5	01 52.20 +14 42.6 19.4	-1.01 - 4.3	1.2/24.4	62366
2008 JO ₃₉	2009 10 23.3	01 51.55 -10 41.9 19.9	-0.81 - 4.7	8.6/16.7	60906	2005 BR ₄₈	2009 10 23.5	01 52.21 -09 54.0 19.5	-0.68 - 5.5	6.4/16.4	57410
2007 EL ₁₁₆	2009 10 23.3	01 51.58 +05 07.7 19.3	-0.88 - 1.2	2.1/21.8	62513	2003 AQ	2009 10 23.5	01 52.22 -00 41.2 19.6	-0.93 - 4.8	4.2/20.1	59691
2004 XW ₆₇	2009 10 23.3	01 51.59 +10 28.9 19.5	-0.77 - 5.2	0.4/23.1	62414	2007 BL ₄₂	2009 10 23.5	01 52.22 +08 57.0 20.5	-0.93 - 5.7	0.9/22.8	62501
2001 XJ ₂₂₅	2009 10 23.3	01 51.59 +01 46.6 18.5	-0.98 + 0.5	4.5/21.2	62334	2008 JG ₃₈	2009 10 23.5	01 52.22 +06 15.4 20.5	-0.90 - 4.5	1.8/22.1	62539
2005 LZ ₃₈	2009 10 23.3	01 51.59 +01 24.5 20.5	-0.47 - 3.6	1.8/20.1	43232	2007 LE ₁₄	2009 10 23.5	01 52.29 -14 53.6 20.0	-0.89 - 0.0	8.8/16.3	26294
2004 RQ ₄₃	2009 10 23.3	01 51.61 +23 44.3 19.8	-0.97 - 3.6	4.1/26.9	60807	2002 XW ₄₁	2009 10 23.5	01 52.35 +12 52.0 18.7	-1.05 - 0.9	0.6/23.9	61874
2005 PL ₁₇	2009 10 23.4	01 51.58 +20 19.6 19.9	-1.17 - 2.9	3.5/25.7	39219	2008 GG ₁₁₀	2009 10 23.5	01 52.38 -12 10.3 19.8	-0.73 -27.4	11.1/12.6	39311
2002 TL ₂₅	2009 10 23.4	01 51.59 +10 16.8 18.8	-0.94 - 8.9	0.5/23.0	62357	2001 TE ₉	2009 10 23.5	01 52.38 +24 28.9 17.6	-0.95 - 3.5	5.8/27.3	62321
2007 EP ₇₈	2009 10 23.4	01 51.61 +07 35.9 20.0	-0.86 - 5.7	1.4/22.3	62512	2002 RX ₁₈₈	2009 10 23.5	01 52.40 +03 00.3 19.0	-0.92 - 7.8	3.6/21.0	62354
2005 YX ₁₈₅	2009 10 23.4	01 51.63 +24 28.6 20.4	-0.88 - 3.5	3.9/27.2	01189	2007 BO ₇₅	2009 10 23.6	01 52.34 +15 38.2 20.5	-1.05 - 4.2	1.9/24.7	62502
2001 OV	2009 10 23.4	01 51.68 -04 52.7 18.5	-0.89 - 0.8	8.0/19.3	62314	2007 DC ₉₇	2009 10 23.6	01 52.35 +03 46.4 20.9	-0.76 - 6.0	2.2/21.2	62508
2002 VG ₆₂	2009 10 23.4	01 51.72 +14 39.2 18.4	-0.96 - 2.6	1.6/24.3	62361	2001 VP ₂	2009 10 23.6	01 52.36 -22 53.9 18.6	-0.72 -19.6	13.5/06.6	62326
2006 YM ₁₇	2009 10 23.4	01 51.73 +03 10.9 19.7	-0.92 - 6.8	3.6/20.9	62498	2007 EK ₆₉	2009 10 23.6	01 52.38 +12 32.0 20.3	-0.96 - 2.3	0.4/23.9	62511
2005 UT ₁₆	2009 10 23.4	01 51.74 +10 27.3 19.4	-0.89 - 7.0	0.4/23.1	62443	2009 RZ ₃₄	2009 10 23.6	01 52.42 +14 07.4 19.4	-0.94 - 1.0	0.9/24.3	62191
2000 RW ₈₇	2009 10 23.4	01 51.74 +21 51.5 19.6	-0.96 - 4.9	3.7/26.5	17917	2002 VE ₁₄₇	2009 10 23.6	01 52.42 +07 10.7 20.1	-0.93 - 3.6	2.1/22.4	61873
2008 JO ₃₄	2009 10 23.4	01 51.75 -05 29.9 20.0	-0.88 - 4.1	6.4/18.6	40048	2000 GG ₂₅	2009 10 23.6	01 52.43 +15 07.3 20.4	-1.03 - 3.2	1.2/24.5	62304
2004 XQ ₈₁	2009 10 23.4	01 51.75 +02 04.3 19.5	-0.78 - 3.8	3.0/20.7	00880	2007 GJ ₂₂	2009 10 23.6	01 52.43 +10 37.8 21.0	-0.78 - 4.5	0.2/23.4	62518
2005 WQ ₁₉₃	2009 10 23.4	01 51.76 -15 07.7 19.3	-0.84 - 3.9	10.1/15.0	62465	2008 ED ₁₁₃	2009 10 23.6	01 52.47 +03 47.5 21.0	-0.84 - 6.3	2.4/21.3	62513
2003 RA ₂₇	2009 10 23.4	01 51.80 +24 05.6 20.1	-0.85 - 3.3	3.8/27.1	08733	2006 FL ₂₃	2009 10 23.6	01 52.50 +17 04.1 20.5	-0.98 + 0.3	1.6/24.9	62483
2004 TB ₂₅₃	2009 10 23.4	01 51.82 +11 59.4 20.4	-0.85 - 4.8	0.2/23.6	61907	2009 RX ₃₄	2009 10 23.6	01 52.54 +13 03.5 20.2	-0.87 - 1.9	0.5/24.0	62191
2007 DW ₆₈	2009 10 23.4	01 51.82 +14 28.7 20.4	-0.91 - 3.7	1.0/24.3	62047	2005 UT ₄₄₁	2009 10 23.6	01 52.55 +12 12.3 20.8	-0.85 - 6.9	0.2/23.8	19666
2008 GM ₃₁	2009 10 23.4	01 51.82 +04 06.3 19.2	-1.72 + 9.7	3.9/22.7	40574	2004 RX ₁₇₇	2009 10 23.6	01 52.58 +18 31.2 18.4	-0.79 - 8.1	2.7/25.9	62399
2002 XE ₂₂	2009 10 23.4	01 51.82 +14 51.5 20.1	-1.07 - 3.6	1.3/24.3	62363	2004 HZ ₇₁	2009 10 23.6	01 52.59 +10 34.2 19.9	-0.99 - 6.3	0.4/23.4	62392
2002 PJ ₁₅₂	2009 10 23.4	01 51.84 +27 50.5 20.7	-1.19 - 5.0	7.1/28.3	37298	2008 GW ₁₁₉	2009 10 23.6	01 52.61 +12 01.7 20.0	-0.85 - 9.5	0.2/23.8	62535
2007 DE ₂₄	2009 10 23.4	01 51.85 +07 10.6 19.5	-0.92 - 6.3	1.8/22.2	62505	2007 FE ₂₁	2009 10 23.6	01 52.61 +03 19.0 19.9	-0.90 - 7.4	3.2/21.1	62517
2006 DG ₄	2009 10 23.4	01 51.89 -00 03.4 19.8	-0.72 - 5.9	3.4/19.8	03860	2006 EC ₁₂	2009 10 23.6	01 52.62 +08 47.1 19.1	-0.78 - 5.1	1.0/22.8	62482
2006 BG ₂₁₁	2009 10 23.4	01 51.92 +08 26.4 21.3	-0.77 - 4.0	0.9/22.6	62479	2003 BX ₁₉	2009 10 23.6	01 52.64 +12 35.5 18.8	-1.04 - 2.4	0.4/23.9	62366
2005 QD ₁₅₁	2009 10 23.4	01 51.94 +11 44.9 19.9	-0.97 - 4.1	0.1/23.5	61929	2007 ML ₁₆	2009 10 23.6	01 52.67 -02 14.5 21.4	-0.69 - 6.4	3.5/19.2	22893
2007 EL ₁₁₇	2009 10 23.4	01 51.98 +07 48.3 20.1	-1.06 + 0.2	1.4/22.7	62054	2002 EK ₅₁	2009 10 23.6	01 52.67 -01 23.8 21.0	-0.47 - 3.5	2.2/19.5	62344
2005 VL ₇₃	2009 10 23.4	01 52.00 +08 58.2 20.0	-0.84 - 6.2	0.9/22.7	61983	2009 SJ ₇₄	2009 10 23.6	01 52.69 +06 27.1 21.1	-0.91 - 1.3	1.7/22.4	62211
2003 SC ₄₂₂	2009 10 23.4	01 52.03 +22 29.4 21.3	-0.86 - 3.0	3.2/26.6	22454	2005 UP ₁₃₁	2009 10 23.6	01 52.70 -11 33.8 19.2	-0.74 - 8.7	9.5/15.2	62447
2004 BR ₈₇	2009 10 23.4	01 52.03 +11 22.3 20.6	-1.02 - 6.4	0.1/23.5	62383	2007 GG ₆₇	2009 10 23.6	01 52.71 +13 01.0 21.3	-0.77 - 4.1	0.4/24.1	62519
2005 UK ₁₃₈	2009 10 23.4	01 52.04 +12 01.2 20.3	-0.93 - 4.8	0.2/23.6	62447	2006 AE ₄₄	2009 10 23.6	01 52.73 -05 37.2 19.9	-0.78 - 5.0	5.7/18.4	02269
2007 GY ₆₁	2009 10 23.4	01 52.06 +07 23.6 19.9	-1.02 - 1.9	1.5/22.5	62519	2004 PO ₃₉	2009 10 23.6	01 52.74 +24 22.4 19.7	-0.96 - 3.8	4.1/27.4	18079

2001 WB ₇₃	2009 10 23.6	01 52.74 +05 40.7 20.1	-0.92 - 4.3	2.1/22.1	62330
2004 DM ₅₇	2009 10 23.6	01 52.74 -02 01.5 20.8	-0.98 - 5.8	5.2/19.8	97699
2001 DY ₇₇	2009 10 23.6	01 52.75 +02 00.3 21.0	-0.49 - 3.0	1.7/20.7	62312
2001 FA ₈₆	2009 10 23.6	01 52.77 +11 50.6 20.8	-1.04 - 4.5	0.1/23.8	62313
2007 FR ₃₂	2009 10 23.6	01 52.77 +08 30.0 21.5	-0.74 - 4.7	0.8/22.8	47426
2006 BX ₅₈	2009 10 23.6	01 52.78 +31 21.7 20.3	-0.95 - 2.0	5.9/29.3	97025
2006 YL ₄₈	2009 10 23.6	01 52.80 +21 02.9 20.8	-1.02 - 4.8	3.5/26.4	16378
1996 RT ₁₄	2009 10 23.6	01 52.80 +19 59.9 19.7	-1.00 - 1.2	4.0/25.9	61827
2001 WU ₄₃	2009 10 23.7	01 52.73 +03 33.7 20.4	-0.98 - 2.2	2.9/21.7	17973
2002 PV ₆₆	2009 10 23.7	01 52.76 +02 01.0 19.5	-0.93 - 6.1	4.5/20.9	62350
2003 SW ₃₉	2009 10 23.7	01 52.77 +30 03.4 18.6	-1.06 + 0.3	6.1/28.4	61880
1995 QD ₆	2009 10 23.7	01 52.78 +33 55.7 20.5	-0.59 - 2.5	3.9/31.1	47126
2005 TQ ₃₅	2009 10 23.7	01 52.85 +06 18.9 20.5	-0.95 - 5.5	2.0/22.2	62439
2004 GB ₄₅	2009 10 23.7	01 52.87 +15 42.0 20.8	-1.03 - 5.7	1.6/24.9	62391
2007 GH ₇₃	2009 10 23.7	01 52.87 +13 35.1 19.5	-0.81 - 9.0	0.7/24.4	62519
2001 TW ₁₄₉	2009 10 23.7	01 52.87 +04 00.7 19.0	-0.90 - 5.7	3.2/21.5	62322
2004 RW ₂₄₅	2009 10 23.7	01 52.90 +14 23.6 19.5	-0.93 - 2.6	1.0/24.5	62400
2008 FA ₁₂₄	2009 10 23.7	01 52.92 +02 06.8 19.7	-0.93 - 3.7	3.6/21.2	39977
2008 GA ₁₄₁	2009 10 23.7	01 52.96 +12 22.4 19.0	-0.91 -10.6	0.3/24.0	62536
2005 WW ₁₁₆	2009 10 23.7	01 52.97 +01 07.1 20.0	-0.88 - 3.3	3.7/20.9	09460
2007 CT ₂₁	2009 10 23.7	01 53.00 +13 07.6 19.0	-0.92 - 7.3	0.6/24.2	62503
2003 TF ₄₇	2009 10 23.7	01 53.00 +14 50.1 19.8	-0.75 - 5.1	1.0/24.7	62378
2008 KL ₄₁	2009 10 23.7	01 53.02 +05 49.2 20.7	-0.90 - 5.8	2.0/22.1	62540
2007 BD ₁₃	2009 10 23.7	01 53.02 -03 31.1 20.0	-0.95 - 3.9	6.5/19.5	16383
2005 TR ₂₃	2009 10 23.7	01 53.03 +17 44.8 19.9	-1.05 - 3.2	2.3/25.4	62439
1999 RG ₂₁₈	2009 10 23.7	01 53.06 +04 24.5 19.0	-0.94 - 6.5	3.5/21.7	62297
2007 HZ ₈₀	2009 10 23.7	01 53.10 +11 03.8 21.2	-0.78 - 4.6	0.2/23.6	41873
2009 RB ₅₅	2009 10 23.7	01 53.11 +05 13.7 19.6	-0.76 - 8.8	2.4/21.7	62197
2004 DP ₄₃	2009 10 23.7	01 53.11 +05 56.5 19.9	-0.97 - 5.6	2.0/22.2	62386
2001 FY ₅₆	2009 10 23.7	01 53.14 +13 14.6 19.5	-0.97 + 0.4	0.4/24.2	61837
2004 ET ₂₂	2009 10 23.7	01 53.15 +13 35.7 19.5	-1.13 - 1.8	0.8/24.3	62386
2008 GH ₃₇	2009 10 23.7	01 53.17 +07 25.5 21.5	-0.96 - 4.5	1.5/22.7	39987
2008 HN ₆₅	2009 10 23.7	01 53.18 -01 46.9 19.5	-1.02 - 3.0	5.9/20.3	55493
2005 UM ₈₇	2009 10 23.7	01 53.19 +07 37.4 20.0	-0.96 - 3.1	1.4/22.8	62445
2004 RW ₂₄₀	2009 10 23.7	01 53.19 +16 09.0 20.3	-0.90 - 3.3	1.7/25.0	61899
2004 XD ₁₂₄	2009 10 23.8	01 53.12 +31 41.6 19.7	-1.04 - 0.5	6.4/28.9	47333
2004 VG ₄₂	2009 10 23.8	01 53.13 +09 25.3 20.8	-0.82 - 3.9	0.7/23.2	62412
2008 JN ₁₀	2009 10 23.8	01 53.13 +04 59.0 21.4	-0.90 - 6.1	2.3/21.9	62538
2004 BV ₄₃	2009 10 23.8	01 53.14 +11 03.3 20.1	-1.04 - 4.8	0.2/23.7	62382
2007 JX ₁₀	2009 10 23.8	01 53.17 +08 34.7 20.5	-0.98 - 3.4	1.0/23.0	62521
2009 ST ₆₇	2009 10 23.8	01 53.17 +05 47.0 20.7	-0.89 - 3.4	2.0/22.2	62210
2005 QL ₁₈₃	2009 10 23.8	01 53.20 +00 51.4 20.8	-0.97 - 4.4	4.4/20.9	41191
2006 BC ₁₁₃	2009 10 23.8	01 53.21 +13 35.4 20.4	-0.87 - 3.8	0.8/24.4	02276
2003 SD ₂₈	2009 10 23.8	01 53.26 +46 38.8 20.1	-1.30 + 1.8	11.1/02.7	41793
1995 SU ₆₂	2009 10 23.8	01 53.32 +02 31.6 19.6	-0.76 - 7.8	3.7/20.9	62292
2005 SK ₁₂₇	2009 10 23.8	01 53.33 +16 30.7 21.4	-1.10 - 2.5	1.7/25.1	39230
2001 CN ₁₀	2009 10 23.8	01 53.36 -14 17.3 19.4	-0.49 - 2.4	4.4/15.3	59661
2008 KF ₃₁	2009 10 23.8	01 53.37 +04 42.3 20.9	-0.94 - 7.8	2.5/21.8	62540
2001 QT ₂₈₈	2009 10 23.8	01 53.39 +13 13.9 20.6	-0.99 - 5.2	0.6/24.3	55926
2004 TN ₁₇	2009 10 23.8	01 53.39 +19 03.1 19.7	-0.87 - 3.6	2.4/26.0	26005
2005 VZ ₇₄	2009 10 23.8	01 53.39 +07 22.8 19.2	-0.77 - 7.2	1.9/22.5	57433

2009 SN ₁₄₆	2009 10 23.8	01 53.40 +11 32.9 19.8	-1.07 - 0.2	0.0/23.8	62223
2005 UM ₄₉₂	2009 10 23.8	01 53.40 +20 16.5 19.0	-1.06 - 2.0	3.4/26.1	62455
2007 BA ₅₇	2009 10 23.8	01 53.40 +09 28.6 20.6	-0.97 - 4.3	0.7/23.3	59785
2004 XL ₆₁	2009 10 23.8	01 53.45 +44 47.1 18.6	-1.25 -11.6	15.0/06.5	60820
2005 QW ₈₉	2009 10 23.8	01 53.47 +08 36.5 18.6	-0.80 - 6.2	1.5/23.0	62428
1981 EZ ₅	2009 10 23.8	01 53.49 +18 16.6 20.4	-0.63 - 4.3	1.4/26.0	47125
2003 SB ₂₀₆	2009 10 23.8	01 53.53 +07 09.3 19.3	-0.73 - 7.3	1.4/22.5	62376
2001 YN ₁	2009 10 23.8	01 53.53 -25 06.1 19.8	-1.38 + 3.6	14.8/13.9	94413
2002 PU ₁₅₃	2009 10 23.8	01 53.55 +02 34.3 19.7	-0.94 - 5.3	4.4/21.4	62351
2006 BB ₃₃	2009 10 23.8	01 53.56 +22 01.5 19.1	-0.90 - 2.3	3.3/26.7	62476
2005 WG ₂₀₂	2009 10 23.9	01 53.49 +13 29.1 19.9	-0.86 - 6.3	0.7/24.5	62465
2005 UC ₉₈	2009 10 23.9	01 53.50 +11 18.5 20.0	-0.82 -10.6	0.1/23.8	61961
2002 GP ₁₅₃	2009 10 23.9	01 53.51 -03 42.1 20.0	-0.73 - 6.1	4.4/19.1	19579
2002 AW ₁₄₇	2009 10 23.9	01 53.53 +09 35.4 19.2	-0.96 - 2.0	0.9/23.4	62338
2007 HX ₄₈	2009 10 23.9	01 53.55 +07 59.3 20.9	-0.77 - 4.1	1.1/22.9	62520
2004 PK ₂₂	2009 10 23.9	01 53.56 -06 27.4 19.6	-0.83 - 4.9	6.7/18.6	62394
2006 AH ₇₁	2009 10 23.9	01 53.56 +26 49.9 19.2	-0.89 - 4.5	6.4/28.5	62475
2008 GJ ₁₃₂	2009 10 23.9	01 53.57 +00 49.5 19.0	-0.92 - 2.3	4.6/21.1	40764
2002 EB ₁₆₃	2009 10 23.9	01 53.60 +03 00.7 20.4	-0.51 - 2.4	1.5/21.3	58806
2004 JL ₅	2009 10 23.9	01 53.61 -19 04.8 20.2	-0.90 - 3.0	10.1/15.2	39201
2009 RD ₅₅	2009 10 23.9	01 53.63 +06 35.6 19.6	-0.73 - 7.7	1.7/22.3	62197
2002 VY ₈₇	2009 10 23.9	01 53.63 -05 23.7 18.6	-1.45 + 6.5	7.7/21.3	62362
2008 JW ₁₈	2009 10 23.9	01 53.66 +03 31.8 19.8	-1.08 - 2.7	3.0/21.9	55494
2003 AZ ₄₉	2009 10 23.9	01 53.70 +18 59.7 19.9	-1.02 - 4.5	2.9/26.0	18035
2002 YE ₅	2009 10 23.9	01 53.71 -29 55.6 20.6	-1.05 + 1.1	11.2/12.7	39180
2004 WL ₃	2009 10 23.9	01 53.73 +01 01.2 19.4	-0.86 - 1.5	3.3/21.2	62413
2005 UY ₅₈	2009 10 23.9	01 53.75 +12 06.8 19.1	-0.97 - 3.0	0.2/24.1	62444
2003 UE ₁₀₇	2009 10 23.9	01 53.76 +54 03.2 19.1	-1.43 + 1.7	13.8/07.4	08778
2005 WT ₁₇₁	2009 10 23.9	01 53.77 +05 03.7 19.1	-0.84 - 3.6	3.0/22.1	62464
2009 RO ₅₅	2009 10 23.9	01 53.81 +08 27.4 19.9	-0.90 - 3.3	1.1/23.1	62197
2005 SF ₂₃₃	2009 10 23.9	01 53.82 +11 01.8 19.9	-0.83 - 7.2	0.3/23.8	61942
2007 GF ₂₂	2009 10 23.9	01 53.84 +08 47.3 21.0	-0.97 - 3.4	1.0/23.2	62518
2003 FJ ₆₄	2009 10 23.9	01 53.88 +00 56.1 20.2	-0.50 - 2.4	1.9/20.7	21792
2004 TV ₃₃₅	2009 10 23.9	01 53.89 +10 00.3 20.0	-0.83 - 3.9	0.5/23.5	61909
2003 HX ₄	2009 10 23.9	01 53.92 +03 32.1 21.5	-0.82 - 5.3	2.3/21.6	59698
2002 EQ ₁₀₀	2009 10 23.9	01 53.95 +25 03.2 19.8	-0.97 - 3.2	4.7/27.7	69302
2000 VG ₁₉	2009 10 24.0	01 53.88 +08 18.6 18.8	-1.04 + 2.1	1.5/23.3	99995
2004 TF ₈₆	2009 10 24.0	01 53.89 +12 29.0 19.6	-0.86 - 3.9	0.3/24.2	62405
2004 DX ₄₈	2009 10 24.0	01 53.90 +02 48.7 19.1	-0.91 - 8.3	3.7/21.3	62386
2002 CA ₂₀₄	2009 10 24.0	01 53.91 +28 12.8 20.2	-1.02 - 2.2	5.5/28.5	33963
2008 EV ₁₃₉	2009 10 24.0	01 53.93 +11 42.5 21.7	-1.01 - 8.5	0.0/24.0	39005
2003 SN ₄₅	2009 10 24.0	01 53.94 -05 42.2 18.6	-0.68 - 7.8	5.5/18.1	60787
2003 HP ₂₅	2009 10 24.0	01 53.94 +11 08.1 22.0	-0.94 - 3.5	0.2/23.9	17466
2007 JC ₁₂	2009 10 24.0	01 53.94 -08 45.8 20.4	-0.72 - 4.3	5.8/17.6	55327
2004 PG ₁₀₆	2009 10 24.0	01 53.95 +21 42.6 21.0	-0.90 - 5.8	3.3/27.1	60806
2005 XD	2009 10 24.0	01 54.01 -01 37.4 19.0	-0.73 -11.3	5.5/19.2	19254
2003 SS ₄₀	2009 10 24.0	01 54.08 +31 29.8 19.4	-0.96 - 1.3	5.8/29.6	41793
2007 EC ₁₆₀	2009 10 24.0	01 54.09 +08 54.5 20.8	-0.84 - 5.7	0.9/23.2	62514
2005 UP ₁₂₂	2009 10 24.0	01 54.09 +09 31.8 20.7	-1.04 - 1.3	0.8/23.5	19661
2002 OT ₈	2009 10 24.0	01 54.12 +19 27.0 21.0	-1.08 - 6.6	3.2/26.3	72674
2005 YE ₁₄₃	2009 10 24.0	01 54.13 +06 30.4 21.0	-0.80 - 3.8	1.5/22.6	62471

2005 SN ₆	2009 10 24.0	01 54.13 +16 22.7 20.6	-0.95 - 5.3	1.7/25.4	61931
2005 WQ ₇	2009 10 24.0	01 54.14 +24 40.8 18.5	-0.88 - 8.6	4.7/28.3	62459
2004 XQ ₁₈	2009 10 24.0	01 54.17 +01 58.4 19.8	-0.78 - 3.0	2.7/21.3	02229
2008 DM ₈₁	2009 10 24.0	01 54.18 +12 01.6 21.0	-1.02 - 5.6	0.1/24.2	62526
2004 XJ ₁₁₃	2009 10 24.0	01 54.18 +21 37.3 20.8	-0.78 - 5.1	2.8/27.1	43226
2001 XW ₅	2009 10 24.0	01 54.21 -04 15.7 19.8	-0.83 - 7.6	5.9/18.9	21771
2003 GG ₄₆	2009 10 24.0	01 54.22 +06 05.9 20.4	-0.87 - 5.1	1.9/22.5	62371
2006 BO ₂₀₁	2009 10 24.0	01 54.22 +11 03.3 20.8	-0.78 - 3.7	0.2/23.9	20839
2006 DF ₈₂	2009 10 24.0	01 54.23 +24 17.3 18.7	-0.95 - 1.1	4.3/27.3	62481
2009 RM ₅₅	2009 10 24.0	01 54.25 +06 47.3 20.3	-0.82 - 4.7	1.7/22.7	62197
2005 MN ₂₅	2009 10 24.0	01 54.27 +13 12.0 20.5	-1.01 - 5.8	10.9/14.0	62421
2007 EJ ₁₁₉	2009 10 24.0	01 54.29 +08 41.1 21.9	-0.91 - 4.6	0.9/23.2	19423
2005 VS ₁₀₁	2009 10 24.0	01 54.30 -06 25.1 19.7	-0.94 - 1.0	6.0/19.6	04362
2006 BV ₆	2009 10 24.0	01 54.30 -12 07.2 20.8	-0.71 - 4.0	5.8/16.6	21171
2006 XX ₄₂	2009 10 24.0	01 54.33 +07 46.2 20.9	-0.98 - 5.2	1.4/23.0	62496
2002 TT ₃₄₆	2009 10 24.1	01 54.25 +00 11.6 18.7	-1.00 + 1.9	6.1/21.7	60775
2005 TU ₇₁	2009 10 24.1	01 54.25 +05 48.6 19.1	-1.05 - 1.6	2.5/22.7	62440
2006 YJ ₂₃	2009 10 24.1	01 54.26 +07 13.8 20.9	-1.01 - 4.3	1.6/22.9	12682
2007 AH ₁₈	2009 10 24.1	01 54.26 +00 52.0 20.0	-0.96 - 5.6	4.2/21.0	18186
2004 JA ₂₂	2009 10 24.1	01 54.27 +06 53.7 19.5	-0.60 - 0.9	1.0/22.8	62392
2002 CQ ₂₁₃	2009 10 24.1	01 54.28 +04 46.9 19.9	-0.84 - 4.9	2.5/22.1	62341
2008 FD ₁₂₅	2009 10 24.1	01 54.28 +09 18.6 20.3	-1.01 - 4.9	1.0/23.5	62532
2009 SZ ₇₄	2009 10 24.1	01 54.28 +06 41.5 19.9	-1.02 + 0.3	2.0/23.0	62211
2007 EX ₁₄	2009 10 24.1	01 54.31 +08 29.9 21.5	-0.84 - 5.1	0.9/23.2	22879
2001 QO ₃₁₈	2009 10 24.1	01 54.34 +14 57.2 20.1	-1.00 - 4.6	1.3/25.0	62316
2005 NH ₂₂	2009 10 24.1	01 54.34 +26 20.8 19.3	-1.06 - 6.3	6.0/28.5	14183
2008 HH ₄₁	2009 10 24.1	01 54.34 -24 01.8 21.1	-1.00 - 1.9	11.1/14.0	58607
2005 UC ₃₇₁	2009 10 24.1	01 54.35 +11 16.0 20.8	-0.92 - 3.9	0.2/24.0	62453
2006 TA ₅₃	2009 10 24.1	01 54.37 +06 18.6 19.5	-1.16 - 0.8	2.6/22.9	62487
2005 YX ₂₆₈	2009 10 24.1	01 54.37 -03 01.8 20.9	-0.76 - 4.8	4.4/19.6	56038
2007 FG ₄₁	2009 10 24.1	01 54.39 +08 04.5 19.4	-0.83 - 2.5	1.1/23.2	62517
2005 VZ ₉₇	2009 10 24.1	01 54.40 +43 06.8 18.8	-0.96 -14.9	12.2/07.4	96410
2002 PN ₇₉	2009 10 24.1	01 54.40 +16 24.3 18.3	-1.10 - 0.3	2.4/25.2	62350
2007 EK ₃₄	2009 10 24.1	01 54.42 -03 26.4 21.4	-0.77 - 6.3	4.3/19.4	19711
2007 CV ₂₇	2009 10 24.1	01 54.44 +14 35.0 20.5	-0.90 - 4.7	0.9/25.0	62503
2004 HG ₄₄	2009 10 24.1	01 54.45 +16 29.0 19.7	-0.95 - 7.2	1.7/25.6	62392
2007 DB ₇₄	2009 10 24.1	01 54.46 +08 35.2 19.5	-0.89 - 5.7	1.4/23.2	62507
2007 EQ ₉₂	2009 10 24.1	01 54.49 +03 56.7 20.2	-0.89 - 7.5	3.1/21.8	62512
2006 DO ₁	2009 10 24.1	01 54.49 +07 47.9 20.6	-0.80 - 3.5	1.2/23.0	62480
2004 RS ₁	2009 10 24.1	01 54.49 +33 14.2 20.2	-1.01 - 7.0	7.5/31.6	70396
2008 GV ₇₁	2009 10 24.1	01 54.50 +09 06.1 20.7	-1.02 - 4.3	1.0/23.5	62534
2002 RJ ₃₇	2009 10 24.1	01 54.51 +15 12.2 18.7	-1.07 - 3.3	1.7/25.1	61860
2005 WU ₁₁₃	2009 10 24.1	01 54.52 +28 33.5 19.7	-0.95 - 8.2	6.0/29.9	40698
2006 YD ₃₆	2009 10 24.1	01 54.53 -01 55.5 20.3	-0.99 - 3.1	5.2/20.6	22867
2009 RN ₅₁	2009 10 24.1	01 54.56 +07 10.0 19.5	-0.76 - 8.1	1.5/22.7	62196
2008 GB ₅₃	2009 10 24.1	01 54.58 +03 26.6 19.4	-0.93 - 5.2	4.2/21.8	62089
2000 BP ₆	2009 10 24.1	01 54.61 -39 53.1 19.1	-1.17 + 4.4	25.5/06.3	62302
2009 SS ₁₃₆	2009 10 24.1	01 54.63 +13 36.1 20.6	-0.85 - 4.5	0.7/24.7	62222
2005 VT ₇₄	2009 10 24.1	01 54.64 +05 30.8 19.5	-0.89 - 4.1	2.6/22.4	62458
2007 KT ₂	2009 10 24.1	01 54.64 +23 48.8 20.3	-0.80 - 5.6	3.3/28.0	43284
2004 UY ₁₀	2009 10 24.1	01 54.64 -13 17.0 20.1	-0.86 - 0.6	8.4/17.5	31901

2006 CT ₄₈	2009 10 24.1	01 54.64 +16 59.1 20.6	-0.81 - 3.8	1.5/25.7	62480
2005 YL ₁₄₄	2009 10 24.1	01 54.66 +24 09.1 21.5	-0.78 - 3.6	2.9/27.9	47369
1999 TG ₅₁	2009 10 24.1	01 54.72 +19 08.2 19.6	-0.92 - 2.3	2.4/26.2	62297
2008 KX ₄	2009 10 24.2	01 54.65 +04 26.8 21.1	-0.94 - 7.4	2.8/22.0	62096
2008 RK ₁₂₃	2009 10 24.2	01 54.66 +18 25.8 20.9	-0.56 - 2.2	1.3/26.2	62101
2005 SN ₂₂₆	2009 10 24.2	01 54.67 +13 02.1 21.3	-0.97 - 5.3	0.5/24.6	41199
2007 BY ₇₉	2009 10 24.2	01 54.71 -01 03.2 19.1	-0.79 - 8.6	6.0/19.9	40450
2007 GZ ₂₄	2009 10 24.2	01 54.71 -18 24.5 20.0	-0.93 - 0.8	9.9/15.7	20602
2008 SX ₄₁	2009 10 24.2	01 54.72 +12 24.0 20.4	-0.52 - 2.6	0.1/24.4	62542
2007 GB ₁₄	2009 10 24.2	01 54.73 -08 11.8 21.0	-0.77 - 7.5	6.2/17.6	20598
2006 DC ₁₆₉	2009 10 24.2	01 54.76 +11 52.7 19.5	-0.87 - 2.8	0.0/24.3	62482
2003 HK ₄₃	2009 10 24.2	01 54.80 +12 40.2 21.8	-0.85 - 5.7	0.3/24.5	48891
2007 EO ₁₃₄	2009 10 24.2	01 54.80 +10 57.5 20.9	-0.87 - 5.7	0.3/24.0	62514
2008 GH ₅₂	2009 10 24.2	01 54.86 +09 23.4 21.3	-0.99 - 6.1	0.9/23.6	43300
2007 EE ₈₅	2009 10 24.2	01 54.86 +19 02.6 22.3	-0.93 - 3.8	2.0/26.3	19715
2007 FC ₂	2009 10 24.2	01 54.89 -12 31.7 20.4	-0.74 - 4.0	6.5/16.9	22884
2005 YY ₁₇₃	2009 10 24.2	01 54.90 -13 22.5 19.8	-0.72 - 5.0	6.6/16.0	62472
2003 AK ₁₆	2009 10 24.2	01 54.95 +21 15.1 20.1	-0.62 - 4.3	2.0/27.3	60781
1996 HH	2009 10 24.2	01 54.97 +08 11.9 20.4	-0.98 - 4.6	1.3/23.3	62293
1995 DC ₉	2009 10 24.2	01 54.98 +31 11.5 22.1	-0.97 - 1.3	5.2/29.5	99877
2003 CE ₇	2009 10 24.2	01 54.99 +02 54.7 20.3	-0.88 - 4.5	2.7/21.8	40113
2004 RA ₁₁₆	2009 10 24.2	01 55.04 +09 58.5 20.4	-0.85 - 5.6	0.6/23.8	62398
2005 UY ₂₂₄	2009 10 24.2	01 55.09 +16 00.2 20.1	-0.94 - 4.9	1.6/25.5	62450
2003 QW ₈₄	2009 10 24.3	01 55.01 +00 16.9 20.3	-0.72 - 8.8	3.4/20.5	40116
2007 KK ₆	2009 10 24.3	01 55.03 -03 30.3 18.9	-0.91 + 0.8	5.1/20.7	62521
2004 CE ₁₂	2009 10 24.3	01 55.05 +16 29.6 20.2	-1.03 - 5.9	1.7/25.6	18066
2007 HJ ₄₈	2009 10 24.3	01 55.05 +09 00.1 19.3	-0.74 - 6.9	0.9/23.4	62520
2007 HK	2009 10 24.3	01 55.08 +13 11.5 20.0	-0.86 - 4.0	0.5/24.7	62519
2004 LH ₂₁	2009 10 24.3	01 55.09 -13 56.0 20.0	-0.93 - 2.2	8.8/17.4	62393
2005 NZ ₆₇	2009 10 24.3	01 55.09 -04 32.8 21.2	-1.00 - 4.5	6.0/19.9	37387
2008 HF ₃₅	2009 10 24.3	01 55.10 -03 11.0 19.4	-0.87 - 4.7	5.7/20.1	62537
2005 UY ₆₇	2009 10 24.3	01 55.11 +04 03.5 19.9	-0.92 - 3.9	3.0/22.2	62445
2001 VN ₉₃	2009 10 24.3	01 55.11 -06 18.5 18.7	-0.83 - 5.5	7.3/18.7	62328
2009 RB ₃₃	2009 10 24.3	01 55.12 +15 44.3 19.5	-1.12 - 2.0	1.7/25.3	62190
2002 ES ₅₁	2009 10 24.3	01 55.13 +23 00.2 20.0	-0.95 - 2.5	3.3/27.3	20763
2001 UY ₁₁₁	2009 10 24.3	01 55.15 +11 58.3 18.1	-1.16 + 1.5	0.1/24.4	62325
2005 OC ₂₁	2009 10 24.3	01 55.17 +16 39.3 21.1	-1.07 - 4.7	1.8/25.6	59463
2007 EL ₁₇	2009 10 24.3	01 55.19 +04 22.7 19.7	-0.80 - 7.4	2.9/22.0	62510
2005 PB ₂₂	2009 10 24.3	01 55.20 +24 19.3 19.9	-1.08 - 4.8	4.9/27.9	60830
2004 TW ₃₂₃	2009 10 24.3	01 55.23 +10 03.9 20.1	-0.80 - 5.1	0.6/23.8	61908
2008 FQ ₁₅	2009 10 24.3	01 55.24 -01 57.9 19.3	-1.04 - 1.2	5.6/21.1	62529
2004 RY ₂₃₈	2009 10 24.3	01 55.24 +17 07.2 20.4	-0.90 - 3.4	2.0/25.8	62400
2005 XK ₁₀₄	2009 10 24.3	01 55.25 +12 40.9 20.3	-0.83 - 3.0	0.3/24.6	62467
2002 OX ₂₇	2009 10 24.3	01 55.25 +07 42.5 19.8	-0.92 - 7.3	1.9/23.1	61851
2007 EL ₁₃₀	2009 10 24.3	01 55.25 +15 31.5 20.9	-0.92 - 3.7	1.2/25.4	62513
2004 XK ₇₅	2009 10 24.3	01 55.26 +03 49.1 19.6	-0.83 - 3.9	2.9/22.1	61915
2002 SY ₁₉	2009 10 24.3	01 55.26 -02 43.0 20.0	-0.92 -12.9	5.2/19.5	62356
2001 DX ₁₀₃	2009 10 24.3	01 55.29 +13 01.8 21.2	-0.79 - 3.9	0.3/24.7	62312
2006 DJ ₁₈₂	2009 10 24.3	01 55.29 +20 06.1 20.0	-0.85 - 3.1	2.6/26.7	22543
2005 SN ₂₅₄	2009 10 24.3	01 55.33 +10 06.3 19.0	-0.92 - 3.1	0.8/23.9	57429
2001 SF ₅	2009 10 24.3	01 55.34 +37 44.5 18.5	-1.02 -18.8	12.1/04.3	72404

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2005 WK ₁₆₅	2009 10 24.3	01 55.34 +07 35.9 19.8	-0.89 - 3.8	1.8/23.2	56037
2003 SD ₁₇₄	2009 10 24.3	01 55.35 +10 41.0 19.8	-0.73 - 5.8	0.3/24.0	62376
2007 EK ₂₁₉	2009 10 24.3	01 55.37 +09 46.1 19.1	-0.82 - 4.7	0.8/23.8	62516
2007 EY ₂₁	2009 10 24.3	01 55.39 +17 20.5 21.0	-1.00 - 1.8	1.8/25.8	40460
2004 VB ₂₃	2009 10 24.3	01 55.41 -07 42.1 18.7	-0.91 + 0.9	6.7/19.8	62411
2007 CJ ₅₁	2009 10 24.3	01 55.42 +14 17.6 20.4	-0.99 - 6.7	1.0/25.0	58891
2008 RB ₆₅	2009 10 24.3	01 55.44 +12 23.6 20.0	-0.52 - 2.2	0.1/24.6	62542
2005 WF ₁₇	2009 10 24.3	01 55.47 +17 31.8 21.0	-0.87 - 6.6	1.8/26.1	20445
2001 UJ ₁₀₇	2009 10 24.3	01 55.47 +10 04.4 19.7	-0.82 -10.4	0.7/23.8	62325
2005 WE ₁₄₁	2009 10 24.4	01 55.39 +09 17.5 19.4	-0.92 - 4.1	0.9/23.7	62463
2002 AE ₂	2009 10 24.4	01 55.40 -45 49.1 18.9	-0.86 -11.3	22.4/05.0	62336
2005 US ₅₀₈	2009 10 24.4	01 55.41 +13 15.8 20.5	-0.93 - 4.3	0.5/25.0	62455
2007 EY ₄₂	2009 10 24.4	01 55.46 +08 38.7 20.2	-0.80 - 4.9	1.0/23.5	62510
2000 AS ₉₃	2009 10 24.4	01 55.49 -26 19.9 20.6	-1.01 - 3.6	12.1/11.4	60727
2008 QP ₄₁	2009 10 24.4	01 55.51 +10 24.6 20.3	-0.52 - 3.0	0.3/24.0	62541
2009 SG ₇₅	2009 10 24.4	01 55.54 +04 58.4 20.5	-0.92 - 2.0	2.2/22.7	62211
2006 BP ₁₈₀	2009 10 24.4	01 55.57 -04 04.1 19.7	-0.83 - 6.2	6.8/19.3	20488
2004 KW ₉	2009 10 24.4	01 55.58 +07 10.0 19.2	-1.09 - 0.2	1.7/23.4	62393
2002 TF ₃₅	2009 10 24.4	01 55.62 +04 37.8 18.5	-1.04 - 2.2	3.4/22.7	62357
2004 TM ₁₆₇	2009 10 24.4	01 55.63 +11 40.9 20.5	-0.84 - 5.1	0.1/24.4	62407
2001 YQ ₈₉	2009 10 24.4	01 55.65 +02 42.8 19.7	-0.95 - 3.3	3.4/22.0	21310
2003 QF ₁₂₀	2009 10 24.4	01 55.68 +07 47.8 19.7	-0.72 - 7.4	1.3/23.2	62374
2005 MS ₃₀	2009 10 24.4	01 55.68 +17 00.2 19.1	-0.94 - 7.7	2.3/26.1	90215
2000 DM ₅₇	2009 10 24.4	01 55.71 +05 35.4 20.2	-0.97 - 8.0	2.5/22.6	19521
2007 HA ₁₉	2009 10 24.4	01 55.75 +12 46.1 20.1	-1.01 - 4.6	0.4/24.7	62065
2005 MW ₂₂	2009 10 24.4	01 55.76 +24 55.7 19.6	-1.09 - 7.2	5.1/28.5	62421
2001 YR ₇₅	2009 10 24.4	01 55.76 +23 17.8 19.2	-0.95 - 5.1	4.5/27.8	62335
2009 SJ ₁₃₈	2009 10 24.4	01 55.76 +07 43.2 20.2	-0.83 -10.3	1.4/23.1	62222
2007 EX ₁₉₆	2009 10 24.4	01 55.77 +07 11.0 21.0	-0.82 - 8.3	1.5/23.0	20858
2002 YF ₂₂	2009 10 24.4	01 55.79 +13 03.5 20.1	-1.00 - 5.1	0.4/24.8	62365
2009 SQ ₇₄	2009 10 24.4	01 55.79 +05 01.0 20.7	-0.83 - 2.7	2.2/22.6	62211
2003 US ₃₄₅	2009 10 24.4	01 55.80 +15 28.3 20.4	-0.82 - 3.6	1.2/25.5	61883
2005 WE ₃₃	2009 10 24.4	01 55.83 +07 51.8 18.4	-0.96 - 1.2	1.7/23.5	62460
2005 TN ₂₆	2009 10 24.4	01 55.83 +09 10.7 20.0	-1.10 + 0.2	1.0/23.9	97850
2007 BA ₃₈	2009 10 24.4	01 55.85 +06 58.2 19.5	-0.96 - 6.3	2.1/23.1	62501
2008 FG ₁₂₉	2009 10 24.4	01 55.86 +05 58.6 21.2	-1.01 - 2.9	2.1/23.0	41587
2006 YU ₅₂	2009 10 24.4	01 55.86 +20 55.6 20.8	-1.04 - 3.6	4.5/26.9	40173
2007 FN ₃₄	2009 10 24.5	01 55.79 +13 58.8 20.6	-0.91 - 0.9	0.6/25.0	62517
2002 FG ₆	2009 10 24.5	01 55.86 -17 28.8 20.9	-0.77 - 3.1	7.0/16.1	74161
2007 DZ ₂₆	2009 10 24.5	01 55.86 +01 18.0 20.7	-0.84 - 5.2	3.6/21.4	17733
2000 FA ₅₆	2009 10 24.5	01 55.87 +17 53.0 19.8	-0.96 - 0.3	1.9/26.0	62304
2000 QX ₃₄	2009 10 24.5	01 55.87 +31 04.0 19.4	-1.07 - 4.2	6.5/30.3	62305
2005 NJ ₇₆	2009 10 24.5	01 55.88 +07 51.0 21.6	-0.99 - 6.6	1.5/23.4	41185
2001 ST ₃₁₅	2009 10 24.5	01 55.90 +28 21.1 17.9	-1.05 - 1.4	7.5/28.9	62320
2006 EU ₃₇	2009 10 24.5	01 55.90 -17 58.5 20.5	-0.72 - 5.3	7.8/14.4	53487
2004 HJ ₃₉	2009 10 24.5	01 55.91 +14 08.1 21.1	-0.98 - 5.9	0.8/25.2	60368
2004 XG ₇	2009 10 24.5	01 55.94 -13 52.7 19.1	-0.90 + 0.3	8.8/17.7	62413
2001 UZ ₁₃₅	2009 10 24.5	01 56.02 +03 44.2 19.2	-1.04 - 0.2	3.3/22.7	97495
1994 UK ₃	2009 10 24.5	01 56.05 +10 44.2 19.5	-0.94 - 3.4	0.5/24.3	62291
2007 DY ₂₀	2009 10 24.5	01 56.05 +04 10.9 21.0	-0.83 - 5.2	2.4/22.3	62505
2008 FC ₁₂₉	2009 10 24.5	01 56.10 +08 09.3 22.4	-1.06 - 4.1	1.3/23.6	41920

2009 SK ₁₃₆	2009 10 24.5	01 56.19 +10 05.5 19.6	-0.69 -10.6	0.7/24.0	62222
2005 YZ ₁₆₀	2009 10 24.5	01 56.20 -04 28.2 20.8	-0.85 - 4.9	5.3/19.6	62471
2007 DT ₂₁	2009 10 24.5	01 56.20 +01 06.2 18.6	-0.89 - 6.5	5.1/21.3	62505
2005 UR ₃₂₃	2009 10 24.5	01 56.21 +11 20.7 18.0	-0.97 - 2.7	10.4/14.0	62452
2002 AS ₅₈	2009 10 24.5	01 56.21 +19 51.6 18.3	-0.92 - 5.3	3.2/26.9	62337
2006 DD ₇₃	2009 10 24.5	01 56.21 +13 10.4 20.1	-0.80 - 3.0	0.4/25.0	62481
2005 WR ₃₁	2009 10 24.5	01 56.22 +29 29.3 18.7	-0.76 -11.3	7.9/31.4	97983
2003 UJ ₆₇	2009 10 24.5	01 56.23 +08 49.8 20.3	-0.75 - 5.0	0.9/23.7	59421
2004 JX ₁₅	2009 10 24.5	01 56.23 +19 04.2 18.3	-0.87 - 9.9	2.7/27.0	62392
2005 GN ₁₃₇	2009 10 24.5	01 56.23 +09 50.0 21.1	-1.11 - 4.7	0.8/24.1	41825
2005 UZ ₂₆₇	2009 10 24.5	01 56.24 -01 25.9 19.8	-1.04 - 0.6	5.0/21.4	20821
2004 RB ₁₄₂	2009 10 24.6	01 56.18 +10 02.8 19.9	-0.82 - 6.3	0.6/24.0	62398
2005 YR ₂₉₀	2009 10 24.6	01 56.21 +26 59.2 20.1	-0.91 - 3.5	4.8/29.0	11154
2005 NP ₈	2009 10 24.6	01 56.22 +14 13.2 21.0	-1.00 - 6.5	0.9/25.3	62422
2005 UH ₅₁₅	2009 10 24.6	01 56.23 -06 59.2 21.2	-0.85 - 4.8	5.9/19.1	26090
1999 VT ₁₀₄	2009 10 24.6	01 56.27 +14 05.1 19.8	-0.99 - 8.3	0.9/25.0	62299
2002 TG ₁₂₁	2009 10 24.6	01 56.28 +21 50.8 19.1	-0.99 - 6.6	4.5/27.6	62358
2005 YA ₁₆₃	2009 10 24.6	01 56.30 +02 44.4 19.9	-0.83 - 4.6	3.2/22.0	19681
2005 UY ₂₂₁	2009 10 24.6	01 56.36 +14 36.9 21.0	-0.98 - 3.5	1.0/25.4	17617
2007 GO ₇₃	2009 10 24.6	01 56.37 +00 50.9 21.4	-0.86 - 3.2	3.3/21.6	19501
2005 KJ ₁₁	2009 10 24.6	01 56.38 -03 19.3 19.9	-0.96 - 5.1	6.7/20.4	39214
2003 HJ ₂	2009 10 24.6	01 56.38 -33 33.3 20.1	-1.02 - 0.5	13.5/09.1	19599
1996 TX ₁₇	2009 10 24.6	01 56.39 +13 56.0 19.8	-0.81 - 9.8	0.7/25.3	61827
2005 SP ₂₉₁	2009 10 24.6	01 56.41 +02 04.3 20.3	-0.84 - 7.6	4.0/21.6	62438
2003 EV ₃₈	2009 10 24.6	01 56.42 +28 30.9 20.2	-0.99 - 4.4	5.0/29.5	41788
2008 JD ₂₀	2009 10 24.6	01 56.50 -21 13.4 20.7	-1.11 + 0.8	10.6/16.8	60906
2004 TS ₂₀₉	2009 10 24.6	01 56.52 +14 55.5 19.7	-0.92 - 2.3	1.1/25.5	61906
2006 BC ₁₀₃	2009 10 24.6	01 56.52 -01 10.8 20.7	-0.73 - 5.1	3.8/20.7	41841
2006 EH ₄₆	2009 10 24.6	01 56.52 +25 11.7 20.5	-0.85 - 3.4	3.9/28.5	43265
2005 RO ₂₁	2009 10 24.6	01 56.57 +14 12.7 19.0	-0.87 - 8.6	1.0/25.4	62430
2005 QZ ₇	2009 10 24.6	01 56.57 +14 34.2 19.9	-1.04 - 4.0	1.0/25.4	62425
2008 GP ₉₉	2009 10 24.6	01 56.59 +07 14.9 21.5	-0.98 - 5.0	1.7/23.4	40589
2009 RF ₃₃	2009 10 24.6	01 56.63 +18 38.4 18.3	-1.17 + 2.5	3.0/26.0	62190
2006 VH ₈₅	2009 10 24.6	01 56.64 +26 31.5 18.8	-1.06 - 7.8	6.4/29.3	38957
2004 NY ₃₁	2009 10 24.7	01 56.54 -14 10.1 20.2	-0.90 - 2.7	9.1/17.2	16274
2005 UV ₄₀	2009 10 24.7	01 56.55 +07 11.3 19.9	-0.95 - 3.2	1.8/23.5	62443
2003 MV ₁₂	2009 10 24.7	01 56.59 +34 53.5 19.1	-0.93 - 5.3	7.8/01.6	53735
2002 RM ₃₃	2009 10 24.7	01 56.60 +11 46.3 18.4	-0.91 - 6.7	12.3/14.0	40107
2002 GB ₁₀₄	2009 10 24.7	01 56.62 -09 40.9 21.0	-0.92 - 1.4	6.5/18.9	21315
2006 EW ₅₅	2009 10 24.7	01 56.62 +16 46.9 20.8	-0.82 - 4.1	1.5/26.1	62014
2001 UJ ₁₁	2009 10 24.7	01 56.64 +01 35.4 18.8	-1.76 +10.6	5.5/23.8	62324
2004 TL ₁₂₅	2009 10 24.7	01 56.72 +09 15.2 19.8	-0.85 - 3.9	1.0/24.0	62406
2004 RU ₈₀	2009 10 24.7	01 56.74 +15 34.7 20.5	-0.92 - 3.4	1.3/25.7	62397
2005 RV ₃₉	2009 10 24.7	01 56.77 -08 23.1 18.3	-0.72 -18.0	8.2/16.2	62431
2004 VX ₇₁	2009 10 24.7	01 56.80 +04 55.7 20.4	-0.84 - 2.7	2.3/22.9	62412
1999 TA ₁₉₅	2009 10 24.7	01 56.83 +13 54.0 18.3	-1.17 + 1.5	1.0/25.0	62298
2000 GP ₂₇	2009 10 24.7	01 56.84 +09 58.4 21.4	-0.93 - 5.6	0.6/24.2	87380
2006 AE ₁₄	2009 10 24.7	01 56.84 +09 26.1 20.2	-0.81 - 4.7	0.8/24.0	62474
2002 CV ₂₂₉	2009 10 24.7	01 56.87 +20 19.0 20.5	-0.57 - 2.2	1.6/27.3	57968
2001 FQ ₁₁	2009 10 24.7	01 56.87 +11 23.1 19.8	-0.81 - 3.0	0.2/24.6	62313
2003 SH ₉₀	2009 10 24.7	01 56.92 +15 50.4 19.3	-0.88 - 1.8	1.1/25.8	59706

2005 YT ₉₀	2009 10 24.7	01 56.92 -08 07.2 21.1	-0.72 - 3.6	5.1/18.8	20831
2001 DO ₄₈	2009 10 24.7	01 56.95 -05 23.6 18.8	-0.54 - 1.8	3.3/19.6	62312
2009 RT ₃₄	2009 10 24.7	01 56.97 +10 17.6 19.7	-0.73 - 6.9	0.5/24.3	62191
2004 ER ₂₂	2009 10 24.7	01 56.99 +06 07.3 19.7	-0.97 - 5.0	2.1/23.2	62386
2004 TQ ₁₂₉	2009 10 24.7	01 57.02 +23 51.3 19.5	-1.02 - 1.6	4.1/27.9	19638
2002 EC ₁₅₈	2009 10 24.8	01 56.92 +16 42.8 21.3	-0.51 - 2.6	0.8/26.3	62345
2003 CD ₈	2009 10 24.8	01 56.96 +15 30.8 19.4	-1.01 - 2.8	1.2/25.7	19592
2005 XR ₅₀	2009 10 24.8	01 56.98 -00 49.9 19.2	-0.98 + 1.4	5.6/22.1	41230
2003 HW ₃₅	2009 10 24.8	01 56.99 +04 00.4 19.6	-0.79 - 7.6	2.5/22.3	62372
2008 CX ₁₈₂	2009 10 24.8	01 57.00 +31 57.7 20.4	-1.48 0.0	7.8/29.5	41475
2007 GJ ₄₄	2009 10 24.8	01 57.01 +10 25.9 20.1	-0.80 - 5.1	0.5/24.4	62518
2004 TH ₂₅₉	2009 10 24.8	01 57.01 +11 49.8 20.4	-0.82 - 4.9	8.2/05.0	61908
2005 NV ₈₂	2009 10 24.8	01 57.01 +19 24.8 20.1	-1.12 - 4.4	2.7/26.8	38046
2005 TZ ₅₆	2009 10 24.8	01 57.03 +09 19.1 20.4	-0.93 - 5.2	1.0/24.1	62440
2004 VL ₆₂	2009 10 24.8	01 57.04 -08 11.2 19.2	-0.75 - 4.8	7.3/18.5	62412
2004 RP ₁₆₇	2009 10 24.8	01 57.04 +22 18.2 19.0	-0.86 - 6.2	3.3/28.0	18090
2004 XZ ₁₁₅	2009 10 24.8	01 57.05 +19 01.7 19.9	-0.83 - 3.7	2.2/26.9	18110
2003 HN ₄₉	2009 10 24.8	01 57.10 -11 23.8 18.6	-1.75 +11.0	12.4/22.6	62372
2004 EB ₃₂	2009 10 24.8	01 57.12 +26 46.8 20.3	-1.38 + 1.6	5.2/27.8	04299
2003 SB ₃₂₉	2009 10 24.8	01 57.13 -01 56.3 19.9	-0.68 - 8.8	4.3/20.0	22745
2005 QZ ₂₂	2009 10 24.8	01 57.14 +13 40.4 20.2	-0.94 - 5.9	0.8/25.3	59465
2005 QO ₁₂₅	2009 10 24.8	01 57.15 +13 16.9 19.8	-1.01 - 5.0	10.5/05.0	62428
2007 CH ₆₅	2009 10 24.8	01 57.18 +05 39.0 20.5	-0.85 - 5.4	2.0/23.0	62504
2005 UW ₄₇₂	2009 10 24.8	01 57.19 +17 39.8 20.0	-0.93 - 5.8	2.4/26.5	62455
2001 TF ₂₁₅	2009 10 24.8	01 57.22 +26 07.2 19.3	-0.96 - 5.7	5.8/29.1	17961
2003 FL ₆₁	2009 10 24.8	01 57.24 +04 27.7 20.2	-0.87 - 5.7	2.5/22.7	62370
2005 WC ₈₉	2009 10 24.8	01 57.24 +11 34.2 19.1	-0.87 - 4.7	0.2/24.8	62462
2005 QJ ₁₅₈	2009 10 24.8	01 57.24 +11 17.6 18.9	-1.00 - 0.5	0.3/24.7	61929
2005 MO ₅₃	2009 10 24.8	01 57.30 +16 21.2 19.8	-0.98 - 5.4	1.9/26.1	62422
2005 WJ ₇₆	2009 10 24.8	01 57.32 +10 55.9 19.8	-0.93 - 3.2	0.4/24.6	97993
2004 EE ₂₃	2009 10 24.8	01 57.32 +08 10.6 20.8	-0.95 - 5.7	1.3/23.8	58473
2006 AA ₇₅	2009 10 24.8	01 57.36 +10 05.4 19.9	-0.88 - 3.3	0.6/24.4	62475
2009 RP ₃₅	2009 10 24.8	01 57.37 +13 32.2 20.1	-0.93 - 0.5	0.5/25.3	62192
2008 GH ₁₁	2009 10 24.8	01 57.38 +09 17.2 20.2	-1.08 - 2.6	1.0/24.2	62533
2003 BK ₂₈	2009 10 24.8	01 57.40 -25 11.9 20.1	-1.05 -10.3	16.0/10.4	37985
2007 BD ₄₃	2009 10 24.9	01 57.33 +13 04.6 21.5	-0.98 - 5.3	0.4/25.2	47417
2005 UJ ₂₄₉	2009 10 24.9	01 57.35 +10 05.9 19.9	-0.90 - 5.2	11.1/14.0	61971
2005 UZ ₄	2009 10 24.9	01 57.35 +19 18.0 20.6	-0.97 - 4.9	2.6/27.0	18136
2006 BG ₉₅	2009 10 24.9	01 57.35 -05 17.2 19.2	-0.71 - 7.0	5.9/19.2	62477
2009 QL ₂₆	2009 10 24.9	01 57.37 -03 55.4 20.1	-0.50 - 6.7	3.1/19.3	62154
2005 QN ₈₉	2009 10 24.9	01 57.40 +14 47.5 18.8	-0.87 - 4.5	1.4/25.7	62428
2005 XA ₄₂	2009 10 24.9	01 57.40 +20 21.6 19.7	-0.90 - 7.8	3.3/27.6	03815
2005 UM ₁₉₈	2009 10 24.9	01 57.42 +16 46.2 20.4	-0.95 - 4.6	1.8/26.3	62449
2007 AH ₂₄	2009 10 24.9	01 57.43 +15 08.9 20.7	-0.99 - 5.7	1.1/25.8	16381
2005 JL ₃₀	2009 10 24.9	01 57.46 +04 58.7 20.8	-1.08 - 4.0	2.9/23.2	62419
2009 RH ₃₅	2009 10 24.9	01 57.47 +09 54.2 20.3	-0.86 - 7.5	0.7/24.3	62191
2005 UO ₄₁	2009 10 24.9	01 57.47 -32 28.3 18.5	-1.66 +13.0	19.3/19.3	62443
2006 BW ₁₉₉	2009 10 24.9	01 57.49 +07 58.9 20.9	-0.78 - 4.4	1.2/23.8	62478
2000 QT ₁₆₁	2009 10 24.9	01 57.50 +34 44.9 19.4	-1.05 - 4.9	7.7/01.1	59656
2004 PE ₆₈	2009 10 24.9	01 57.51 +20 20.0 19.1	-0.87 - 5.9	3.2/27.5	60805
2007 EZ ₂₁₈	2009 10 24.9	01 57.52 +07 46.4 20.2	-0.81 - 6.6	1.5/23.7	62060

2000 EL	2009 10 24.9	01 57.57 +17 09.2 19.8	-1.03 - 4.7	2.2/26.3	62303
2007 BM ₃₅	2009 10 24.9	01 57.57 -10 57.6 20.8	-0.90 - 3.3	8.0/18.6	39828
2005 WW ₆₈	2009 10 24.9	01 57.60 +22 10.6 20.0	-0.86 - 6.9	3.0/28.1	41833
2007 BN ₉₀	2009 10 24.9	01 57.61 +17 59.2 21.1	-0.94 - 5.0	1.9/26.7	55301
2005 UB ₁₉₄	2009 10 24.9	01 57.61 +10 34.7 20.0	-0.90 - 5.9	0.5/24.6	62449
2007 BA ₆₅	2009 10 24.9	01 57.62 +03 24.2 21.3	-0.85 - 5.3	2.6/22.5	62501
2006 WN ₁₁₄	2009 10 24.9	01 57.65 +03 56.5 20.2	-0.99 - 6.4	3.0/22.7	62495
2004 WO ₁₂	2009 10 24.9	01 57.65 +15 01.2 18.8	-0.76 - 9.2	0.9/26.0	62413
2004 EV ₁₁	2009 10 24.9	01 57.68 +15 50.7 18.3	-0.97 - 7.6	1.8/26.1	62386
2005 WX ₁₃₈	2009 10 24.9	01 57.71 +02 26.2 21.7	-0.90 - 2.8	2.9/22.4	20826
2002 JS ₁₄₉	2009 10 24.9	01 57.73 +13 49.5 20.2	-0.75 - 6.8	0.5/25.6	62348
2002 UF ₅₃	2009 10 24.9	01 57.76 +01 19.4 20.5	-0.98 - 5.9	4.2/22.0	58442
2007 EZ ₂₄	2009 10 25.0	01 57.69 +18 11.4 20.3	-1.03 - 1.6	2.1/26.5	59790
2002 TX ₃₇₂	2009 10 25.0	01 57.71 -02 35.8 19.3	-0.95 - 5.0	6.2/21.0	62360
2007 EB ₁₆₇	2009 10 25.0	01 57.71 +11 55.2 20.5	-0.92 - 3.3	0.0/25.0	62514
2006 BX ₉₀	2009 10 25.0	01 57.72 -01 50.0 20.6	-0.72 - 5.3	4.0/20.7	47379
2002 AO ₉	2009 10 25.0	01 57.72 +24 05.8 19.5	-0.97 - 4.5	4.2/28.4	40673
2003 UW	2009 10 25.0	01 57.73 +03 27.6 20.0	-0.74 - 6.6	2.5/22.3	62378
2005 QL ₅₇	2009 10 25.0	01 57.73 +14 04.6 19.4	-0.97 - 6.2	0.9/25.6	39222
2007 CW ₆₄	2009 10 25.0	01 57.74 +12 48.1 19.6	-0.93 - 0.5	0.2/25.2	62504
2003 UX ₃₇₂	2009 10 25.0	01 57.75 +14 39.8 20.1	-0.75 - 7.9	0.8/25.9	61884
2005 UP ₃₄₆	2009 10 25.0	01 57.76 +21 01.5 20.1	-0.90 - 9.6	2.9/28.0	40152
2005 SL ₈₄	2009 10 25.0	01 57.78 +14 08.0 20.4	-1.01 - 3.7	0.8/25.6	62433
2004 TK ₃₅₅	2009 10 25.0	01 57.83 +01 05.0 19.1	-0.92 - 1.0	4.0/22.3	20810
2005 UU ₃₀₂	2009 10 25.0	01 57.83 -03 07.8 19.4	-0.99 - 0.7	6.5/21.2	62451
2005 PM ₁₅	2009 10 25.0	01 57.83 +08 15.1 19.6	-0.98 - 4.8	1.7/24.0	62425
2004 TG ₄₇	2009 10 25.0	01 57.83 +13 27.8 19.7	-0.85 - 4.1	0.5/25.4	19635
2005 YQ ₂₅	2009 10 25.0	01 57.84 +06 37.8 20.3	-0.83 - 4.5	1.9/23.5	62468
2005 NM ₆₄	2009 10 25.0	01 57.85 +11 04.7 20.2	-1.00 - 6.8	0.4/24.8	12894
2007 GP ₄₆	2009 10 25.0	01 57.85 +09 06.7 19.6	-0.75 - 7.0	0.9/24.1	62063
2005 MQ ₁₈	2009 10 25.0	01 57.86 +08 09.7 19.9	-0.99 - 5.3	1.6/24.0	62421
2004 PP ₁₀₄	2009 10 25.0	01 57.92 +16 34.5 19.2	-1.30 + 4.5	1.9/25.8	61893
2001 MK ₂₁	2009 10 25.0	01 57.92 +02 53.1 20.6	-0.98 - 4.0	3.1/22.6	40669
2003 UU ₃₄₈	2009 10 25.0	01 57.95 +15 16.3 20.4	-0.98 + 1.0	1.1/25.8	61884
2007 BP ₁₁	2009 10 25.0	01 57.95 +20 54.3 19.2	-1.07 - 1.9	4.2/27.3	62500
2002 TV ₂₄₃	2009 10 25.0	01 57.97 +05 46.7 19.5	-0.88 -10.1	2.8/23.0	62359
2001 XX ₁₇₇	2009 10 25.0	01 57.98 +13 37.8 19.2	-0.90 - 5.1	0.6/25.5	62333
2004 RJ ₉₁	2009 10 25.0	01 58.04 +24 28.7 20.0	-0.95 - 4.5	4.1/28.7	22775
2007 JZ ₁₅	2009 10 25.0	01 58.05 +14 49.0 20.5	-0.76 - 7.2	0.8/26.0	62066
2000 FP ₄₁	2009 10 25.0	01 58.07 +03 27.8 20.5	-0.92 - 4.8	2.7/22.7	62304
2002 ET ₁₁₈	2009 10 25.0	01 58.09 +02 16.0 20.4	-0.48 - 3.9	1.8/21.9	47209
2009 SM ₁₃₆	2009 10 25.0	01 58.10 +11 25.2 18.4	-0.75 - 7.8	0.3/24.9	62222
2005 SL ₂₂₄	2009 10 25.0	01 58.10 +12 03.6 20.7	-0.98 - 4.6	0.0/25.1	19655
2002 AM ₁₅₆	2009 10 25.0	01 58.11 -04 02.9 18.9	-0.81 - 4.9	7.8/20.0	94531
2008 RS ₁₀₁	2009 10 25.0	01 58.12 +26 27.5 20.3	-0.61 - 1.1	2.5/29.3	50193
2007 AR ₁₃	2009 10 25.0	01 58.13 +02 11.2 19.1	-0.90 - 4.6	5.0/22.3	39274
2003 EJ ₃₇	2009 10 25.0	01 58.13 -07 43.9 20.5	-0.93 - 2.3	6.3/19.8	33377
2003 AD ₄₆	2009 10 25.0	01 58.14 -00 36.1 19.3	-1.02 - 2.4	5.3/21.9	35842
2004 EJ ₄₆	2009 10 25.0	01 58.14 +05 12.3 20.5	-1.00 - 3.5	2.4/23.3	62387
2002 GH ₄₉	2009 10 25.1	01 58.07 +12 10.9 20.1	-0.78 - 5.4	0.0/25.1	62346
2005 YB ₁₇₂	2009 10 25.1	01 58.10 +00 53.5 19.9	-0.97 - 0.2	3.8/22.5	20473

2007 EG ₉	2009 10 25.1	01 58.10 +02 30.0 19.6	-0.75 - 6.8	3.0/22.1	62509
2005 UZ ₂₃₅	2009 10 25.1	01 58.12 +04 39.8 20.5	-0.89 - 3.1	3.3/23.2	61971
2005 QZ ₄₇	2009 10 25.1	01 58.12 +06 41.4 18.8	-0.96 - 3.2	2.4/23.7	62427
2004 VA ₁₂	2009 10 25.1	01 58.12 +06 56.7 19.7	-0.81 - 4.9	1.8/23.6	62411
2008 PZ ₁₆	2009 10 25.1	01 58.13 +34 40.6 21.0	-0.94 - 3.0	5.9/01.0	47451
2005 YU ₇	2009 10 25.1	01 58.14 +08 37.9 21.1	-0.79 - 4.1	1.0/24.1	20829
2006 BA ₁₁₁	2009 10 25.1	01 58.15 -04 17.0 20.3	-0.75 - 3.9	4.7/20.3	58524
2007 DQ ₁₁₃	2009 10 25.1	01 58.15 +10 23.4 21.5	-0.79 - 3.4	0.4/24.7	41864
2007 DK ₅₁	2009 10 25.1	01 58.16 +29 09.8 21.0	-0.99 - 2.9	4.8/30.0	47420
2007 EL ₁₄₄	2009 10 25.1	01 58.21 +08 20.0 19.3	-0.91 - 4.4	1.7/24.1	62514
2006 XM ₄₅	2009 10 25.1	01 58.21 +05 52.6 20.4	-1.04 - 4.2	2.3/23.5	62028
2002 VZ ₃₂	2009 10 25.1	01 58.22 +13 22.1 18.3	-0.87 - 5.6	0.7/25.5	62361
2004 EF ₇₂	2009 10 25.1	01 58.24 +12 41.4 20.9	-1.05 - 4.9	0.2/25.3	60799
2008 NU ₄	2009 10 25.1	01 58.25 +28 34.9 21.1	-0.96 - 4.0	4.8/30.0	46588
2003 OF ₁₅	2009 10 25.1	01 58.31 +37 21.1 18.5	-0.94 - 4.5	8.7/02.8	61878
2008 GY ₁₀₀	2009 10 25.1	01 58.32 +07 59.7 21.1	-0.99 - 6.4	1.5/24.0	43300
2006 DF ₅₆	2009 10 25.1	01 58.32 +15 43.3 20.0	-0.86 - 2.0	1.1/26.1	02292
2002 GP ₈₃	2009 10 25.1	01 58.33 +05 07.8 20.1	-0.90 - 1.7	2.1/23.4	62346
2007 CK ₂₂	2009 10 25.1	01 58.34 -12 24.6 19.6	-0.85 - 4.6	8.4/17.9	62503
2005 MS ₂₇	2009 10 25.1	01 58.34 +10 48.7 20.1	-0.94 - 8.3	0.5/24.8	61920
2004 UK ₈	2009 10 25.1	01 58.35 +12 01.5 19.5	-0.91 - 1.4	0.0/25.1	62411
2005 UA ₁₇₈	2009 10 25.1	01 58.35 +12 17.6 19.8	-0.99 - 0.3	0.1/25.2	61967
2007 EG ₁₇₂	2009 10 25.1	01 58.36 -01 32.3 19.9	-0.76 -12.6	4.7/20.3	62515
2008 JH ₅	2009 10 25.1	01 58.39 -05 20.1 20.7	-0.84 - 5.3	5.8/20.1	41666
2008 LN ₁₅	2009 10 25.1	01 58.40 +12 33.8 18.4	-0.84 -11.1	0.2/25.3	62541
1999 XL ₂₂₆	2009 10 25.1	01 58.41 +06 49.2 20.4	-0.82 - 3.8	1.7/23.7	62301
2004 FF ₉₉	2009 10 25.1	01 58.41 +01 48.5 19.8	-0.94 - 6.8	4.1/22.1	62389
2004 XC ₆₅	2009 10 25.1	01 58.43 +27 03.9 19.4	-0.81 - 6.1	4.6/30.0	55145
2005 UG ₅₀₆	2009 10 25.1	01 58.44 +23 06.5 20.1	-0.85 - 2.9	3.2/28.3	02260
2007 BM ₃₀	2009 10 25.1	01 58.47 +06 05.4 20.7	-0.97 - 4.9	2.2/23.5	16385
2000 BA ₃₃	2009 10 25.1	01 58.48 +09 42.5 20.1	-0.97 - 5.5	0.8/24.5	62302
2007 KG ₄	2009 10 25.1	01 58.49 -04 20.5 21.8	-0.69 - 5.2	3.9/20.1	55328
2002 VB ₁₃₄	2009 10 25.1	01 58.53 +15 14.6 19.2	-1.11 - 0.6	1.5/25.9	61873
2005 UV ₄₉₁	2009 10 25.1	01 58.53 -12 03.0 19.7	-0.93 - 1.1	9.9/19.1	62455
2007 CU ₅₀	2009 10 25.2	01 58.45 -00 48.4 20.1	-0.83 - 7.5	4.1/21.2	21876
2005 NK ₂	2009 10 25.2	01 58.55 +10 50.3 20.2	-0.99 - 5.8	0.5/24.9	62422
2001 WW ₆₄	2009 10 25.2	01 58.57 +03 44.1 19.2	-1.13 + 1.4	3.3/23.5	17973
2004 NL ₁₇	2009 10 25.2	01 58.57 -12 04.5 19.6	-0.82 - 4.8	8.3/17.9	62394
2007 CS ₄₀	2009 10 25.2	01 58.58 +16 30.8 19.5	-1.01 - 5.1	1.9/26.4	22873
2005 WH ₄₀	2009 10 25.2	01 58.59 +06 40.3 19.0	-0.89 - 2.7	2.5/23.8	61988
2004 RD ₂₈	2009 10 25.2	01 58.60 +26 36.2 19.2	-0.97 - 2.2	6.0/29.1	62397
1992 UE ₇	2009 10 25.2	01 58.62 +11 56.2 19.8	-0.79 - 4.0	0.1/25.2	62291
2004 LF ₁₆	2009 10 25.2	01 58.67 -19 39.7 19.3	-0.86 - 1.7	12.4/16.6	62393
2007 DG ₇₆	2009 10 25.2	01 58.67 +06 29.7 20.4	-0.91 - 5.9	1.9/23.6	62507
2009 RZ ₅₅	2009 10 25.2	01 58.67 +08 00.9 20.2	-0.86 - 4.0	1.4/24.1	62197
2007 FN ₂	2009 10 25.2	01 58.68 -07 03.9 20.4	-0.91 - 3.2	6.2/19.9	22885
2005 UF ₈₅	2009 10 25.2	01 58.69 +09 24.3 20.5	-1.00 - 2.2	1.2/24.6	61959
2006 VW ₁₂₇	2009 10 25.2	01 58.74 +17 33.6 20.1	-1.14 - 4.4	2.1/26.7	62493
2007 ER ₇₅	2009 10 25.2	01 58.77 +01 21.0 21.0	-0.69 - 7.2	2.8/21.8	22583
2008 KU ₃₆	2009 10 25.2	01 58.77 +00 04.4 19.6	-0.81 - 6.7	4.7/21.6	40776
2003 SH ₃₂₀	2009 10 25.2	01 58.79 +25 29.6 20.2	-0.84 - 3.9	3.8/29.2	48903

2007 GS ₁₉	2009 10 25.2	01 58.80 +13 17.7 21.3	-0.76 - 4.2	0.3/25.6	41870
2008 GN ₂₀	2009 10 25.2	01 58.80 +13 18.5 20.8	-1.08 - 5.8	0.5/25.6	62533
2007 EN ₁₂₈	2009 10 25.2	01 58.80 +12 44.2 19.6	-0.97 - 5.0	0.3/25.4	62513
2002 RS ₂₅₇	2009 10 25.2	01 58.81 +13 30.2 19.5	-1.10 + 2.7	0.8/25.5	61863
2002 QY ₇₀	2009 10 25.2	01 58.83 +17 33.7 21.3	-1.10 - 5.2	2.2/26.7	38843
2004 FZ ₁₂₅	2009 10 25.2	01 58.91 +10 03.1 19.5	-0.96 - 6.9	0.8/24.7	62390
2006 BK ₁₂₈	2009 10 25.3	01 58.84 +17 16.7 23.2	-0.79 - 4.0	1.3/26.8	38085
2000 EP ₁₃₃	2009 10 25.3	01 58.87 +17 28.7 21.1	-1.02 - 3.8	1.8/26.7	12733
2005 AN ₂₇	2009 10 25.3	01 58.88 -32 46.5 20.9	-1.11 - 2.4	18.6/10.0	42736
1995 SN ₆₁	2009 10 25.3	01 58.89 +06 28.3 19.9	-0.84 - 5.4	2.9/23.7	62292
2005 QS ₆₃	2009 10 25.3	01 58.90 +13 26.5 18.6	-0.95 - 3.2	0.6/25.7	62427
2004 RM ₂₉₁	2009 10 25.3	01 58.90 +00 26.0 19.3	-0.72 -10.3	4.3/21.3	62401
2004 EF ₄₄	2009 10 25.3	01 58.92 +19 02.8 20.7	-1.07 - 3.6	2.4/27.1	11039
2007 DF ₁₁₂	2009 10 25.3	01 58.93 +15 47.3 21.1	-1.01 - 1.8	1.3/26.2	40709
2002 CU ₂₀₀	2009 10 25.3	01 58.93 +15 46.8 19.8	-0.89 - 4.3	1.2/26.3	62341
2007 CK ₅₄	2009 10 25.3	01 58.94 +14 41.3 20.7	-0.97 - 4.6	0.9/26.0	20848
2003 UJ ₃₃₇	2009 10 25.3	01 58.95 +17 15.3 20.0	-0.85 - 2.3	1.5/26.7	55976
2005 YP ₁₆₁	2009 10 25.3	01 58.96 +30 22.0 18.8	-0.91 - 7.5	6.2/31.3	40159
2007 EU ₁₃₄	2009 10 25.3	01 58.97 -02 16.4 21.0	-0.80 - 6.9	4.2/20.8	19719
2002 CQ ₄₄	2009 10 25.3	01 58.98 +15 07.3 19.6	-0.90 - 4.9	1.2/26.2	17993
2005 YY ₁₁₇	2009 10 25.3	01 59.01 +02 12.5 20.5	-0.86 - 3.5	4.1/22.6	56038
2001 XG ₁₀₇	2009 10 25.3	01 59.07 +33 45.8 19.6	-0.96 - 6.4	8.7/01.4	03272
2008 KB	2009 10 25.3	01 59.08 +13 21.8 20.6	-1.07 - 4.8	0.5/25.7	62539
2005 VQ ₇₂	2009 10 25.3	01 59.09 -01 29.3 20.3	-0.92 - 1.8	4.4/21.9	18154
2005 NZ ₉	2009 10 25.3	01 59.17 +08 42.6 21.2	-1.01 - 5.8	1.3/24.4	62422
2007 HM ₃₀	2009 10 25.3	01 59.18 +08 47.5 20.2	-0.83 - 5.7	1.1/24.4	62520
2006 BZ ₅₉	2009 10 25.3	01 59.19 +28 12.2 20.7	-0.89 - 2.6	4.6/29.9	01238
2007 CS ₁	2009 10 25.3	01 59.20 +28 33.6 20.2	-1.03 - 3.5	5.4/30.0	22872
2004 RF ₄₈	2009 10 25.3	01 59.22 +09 38.8 19.6	-0.87 - 4.3	0.9/24.7	62397
2004 DZ	2009 10 25.3	01 59.22 -25 50.8 21.9	-0.99 - 5.3	11.9/12.0	66336
2005 SS ₂₈₉	2009 10 25.3	01 59.22 +13 41.8 20.4	-0.99 - 3.0	0.5/25.8	62438
1999 GR ₁₂	2009 10 25.3	01 59.24 +09 03.1 19.6	-0.83 - 9.2	1.0/24.4	62297
2005 TK ₅₁	2009 10 25.3	01 59.26 +07 41.7 19.6	-0.81 -10.8	1.6/23.9	62439
2007 GS ₆₃	2009 10 25.3	01 59.29 +11 43.6 20.4	-0.86 - 2.6	0.1/25.3	62063
2007 EV ₁₂₈	2009 10 25.3	01 59.29 +13 37.6 20.5	-0.94 - 4.6	0.5/25.8	62513
2005 UM ₅₁₂	2009 10 25.3	01 59.29 +01 03.0 19.2	-0.86 - 4.8	4.5/22.2	11148
2001 YS ₁₃₁	2009 10 25.3	01 59.29 -05 27.8 20.3	-0.92 - 1.9	5.5/20.8	41092
2002 JP ₃₂	2009 10 25.4	01 59.24 +09 23.0 19.8	-0.76 - 5.4	0.8/24.6	62347
2002 CA ₁₆₂	2009 10 25.4	01 59.26 -11 54.1 19.9	-0.87 - 4.5	8.0/17.9	30672
2002 CR ₁₈	2009 10 25.4	01 59.26 -11 26.8 20.9	-0.84 - 3.4	6.5/18.4	21115
2007 BD ₁₇	2009 10 25.4	01 59.30 +28 43.2 20.8	-1.04 - 4.5	5.5/30.2	18188
2007 BY ₆₈	2009 10 25.4	01 59.36 +19 41.0 21.0	-0.89 - 4.4	2.2/27.6	18192
2002 CH ₁₁₀	2009 10 25.4	01 59.41 +21 34.6 20.1	-0.99 - 2.3	3.2/27.9	69209
2006 AE ₈₉	2009 10 25.4	01 59.45 -05 47.9 20.7	-0.74 - 4.5	5.1/20.0	43252
2005 SY ₁₂₆	2009 10 25.4	01 59.48 +13 07.9 20.5	-0.98 - 4.5	0.3/25.7	62434
2002 GO ₄₁	2009 10 25.4	01 59.50 +15 50.2 19.4	-0.81 - 5.9	1.1/26.6	62346
2008 HG ₁₁	2009 10 25.4	01 59.51 +02 22.9 19.1	-0.78 -10.4	3.8/22.2	62536
2006 DR ₁	2009 10 25.4	01 59.53 +18 11.4 18.9	-0.88 - 2.3	1.8/27.1	62480
2002 AT ₁₆	2009 10 25.4	01 59.55 -11 47.7 20.0	-0.89 - 3.9	7.7/18.2	20757
2002 CV ₂₀₆	2009 10 25.4	01 59.55 +20 20.3 18.0	-0.90 + 1.3	4.3/27.3	62341
2005 UL ₂₄	2009 10 25.4	01 59.56 +13 40.7 20.0	-1.04 - 2.1	0.6/25.8	62443

2004 XR	2009 10 25.4	01 59.59 +17 44.8 18.2	-0.99 + 0.8	2.3/26.7	61913
2008 FX ₄₀	2009 10 25.4	01 59.59 +04 00.7 19.4	-0.89 - 5.9	3.4/23.2	62530
2004 DF ₂₄	2009 10 25.4	01 59.59 +16 49.1 19.4	-0.97 - 7.1	1.6/26.8	59089
2000 SF ₂₁	2009 10 25.4	01 59.61 +04 32.2 18.6	-0.63 -15.7	3.3/22.5	61835
2006 BS ₄₃	2009 10 25.4	01 59.63 +23 41.2 21.1	-0.84 - 3.4	3.0/28.7	98098
2004 GL ₆₄	2009 10 25.4	01 59.63 +17 21.9 20.9	-1.07 - 3.3	1.9/26.8	95205
2005 UL ₅₁	2009 10 25.4	01 59.65 +18 59.2 19.3	-0.92 - 6.9	2.2/27.5	62444
2008 KZ ₁₅	2009 10 25.5	01 59.61 -12 37.8 22.3	-0.92 - 2.3	9.0/18.8	40625
2006 BU ₂₄₄	2009 10 25.5	01 59.61 +09 25.9 20.4	-0.83 - 3.8	0.9/24.7	62479
2007 EY ₁₇₄	2009 10 25.5	01 59.62 +32 26.8 20.6	-1.08 0.0	5.4/30.7	59792
2001 XL ₇₀	2009 10 25.5	01 59.65 +03 49.3 19.4	-0.94 - 4.1	3.2/23.2	62331
2006 FT ₂₄	2009 10 25.5	01 59.66 +10 15.0 21.3	-0.88 - 3.4	0.6/25.0	02311
2005 UY ₃₇₆	2009 10 25.5	01 59.67 +21 23.5 20.8	-0.91 - 8.3	2.9/28.4	58517
2005 LY ₁₅	2009 10 25.5	01 59.67 +12 42.4 19.9	-1.02 - 6.7	0.2/25.7	62420
1995 UW ₃₀	2009 10 25.5	01 59.68 +08 03.9 20.5	-1.01 - 5.9	1.7/24.4	15019
2005 OF ₁₀	2009 10 25.5	01 59.68 +27 35.9 18.6	-1.17 - 2.7	6.8/30.0	35913
2002 TW ₁₉	2009 10 25.5	01 59.71 +13 56.4 18.2	-1.13 + 0.4	0.8/25.9	62356
2007 CQ ₁₉	2009 10 25.5	01 59.75 +01 13.2 21.3	-0.81 - 5.3	3.2/22.3	55303
2006 AA ₃₂	2009 10 25.5	01 59.78 +07 19.2 19.9	-0.93 - 1.7	1.7/24.3	62474
2008 NR ₁	2009 10 25.5	01 59.79 +13 12.5 19.2	-0.72 - 9.4	0.3/25.9	62541
2001 PJ ₄₂	2009 10 25.5	01 59.79 +01 15.9 18.9	-1.00 -21.3	4.7/21.4	62315
2009 SE ₇₆	2009 10 25.5	01 59.80 +05 15.3 19.6	-0.93 - 2.6	2.5/23.8	62212
2005 PE ₁₂	2009 10 25.5	01 59.81 +13 50.8 18.4	-0.93 - 4.1	0.8/26.0	62425
2008 DJ ₆₇	2009 10 25.5	01 59.82 +13 51.2 21.1	-1.05 - 6.7	0.6/26.0	40528
2005 QV ₉₃	2009 10 25.5	01 59.84 +00 06.7 19.8	-0.95 - 4.0	4.8/22.3	58506
2003 FM ₁₀₃	2009 10 25.5	01 59.84 +15 00.6 20.8	-0.93 - 4.0	0.9/26.3	58449
2006 BG ₁₅₇	2009 10 25.5	01 59.84 +20 48.6 20.1	-0.95 - 2.3	3.0/27.8	60859
2005 PL ₁	2009 10 25.5	01 59.84 +13 41.9 18.8	-0.92 - 2.9	0.7/25.9	62425
2003 SD ₁₂₄	2009 10 25.5	01 59.84 +18 07.1 19.3	-0.87 - 2.2	1.8/27.1	62376
2002 AP ₁₄₃	2009 10 25.5	01 59.88 +07 40.1 19.3	-0.86 - 5.4	1.8/24.2	61843
2004 AP ₁₂	2009 10 25.5	01 59.88 +06 19.2 20.4	-1.06 - 4.6	2.5/24.0	62382
2002 CV ₁₆₀	2009 10 25.5	01 59.89 -03 56.6 20.0	-0.91 - 2.6	5.7/21.2	19570
2008 HY ₃₃	2009 10 25.5	01 59.89 +04 34.6 20.3	-0.97 - 7.8	3.0/23.3	62537
1995 UH ₂₂	2009 10 25.5	01 59.89 +13 36.7 20.4	-0.90 - 3.4	0.5/25.9	62292
2008 EW ₅₄	2009 10 25.5	01 59.93 +12 47.1 20.6	-1.06 - 3.4	0.2/25.7	38997
2005 UJ ₄₅	2009 10 25.5	01 59.93 +05 54.2 20.5	-0.91 - 4.3	2.5/23.9	61954
2005 XM ₃	2009 10 25.5	01 59.94 +04 15.8 18.6	-0.83 - 3.2	3.8/23.4	62465
2009 RS ₅₅	2009 10 25.5	01 59.95 +06 09.4 19.4	-0.91 - 6.9	3.0/23.8	62197
2005 WJ ₅₃	2009 10 25.5	01 59.96 +08 01.8 19.6	-0.92 - 3.8	1.7/24.4	61990
2005 UG ₂₂	2009 10 25.5	01 59.96 +14 51.4 20.7	-0.91 - 7.0	1.0/26.4	18136
2006 BK ₄₅	2009 10 25.5	01 59.97 +10 15.3 20.7	-0.80 - 4.6	0.6/25.0	62476
2005 UG ₂₄₁	2009 10 25.5	02 00.00 -00 07.9 20.2	-0.98 - 1.5	4.7/22.5	01061
2000 FF ₁₅	2009 10 25.5	02 00.01 +16 05.4 19.8	-1.04 + 0.4	1.1/26.4	1585
2004 DS ₂₁	2009 10 25.5	02 00.03 +46 10.9 21.3	-1.45 - 1.0	10.9/03.7	62509
2004 GY ₄₁	2009 10 25.6	01 59.98 +20 12.3 19.2	-1.15 - 1.5	3.0/27.5	39200
2001 CC ₂	2009 10 25.6	02 00.01 -12 20.9 19.8	-0.77 - 4.2	6.8/17.9	21303
2001 VB ₁₃₂	2009 10 25.6	02 00.06 +01 03.5 20.2	-0.78 -11.3	4.3/21.7	41774
2000 AN ₂₁₇	2009 10 25.6	02 00.06 +44 43.5 21.6	-0.93 - 4.2	7.2/05.8	47141
2007 GE ₂	2009 10 25.6	02 00.09 +00 08.7 20.9	-0.81 - 2.7	3.4/22.3	41339
2007 CS ₅₆	2009 10 25.6	02 00.10 +01 01.8 20.5	-0.88 - 7.2	3.8/22.2	41861
2006 US ₃₂₉	2009 10 25.6	02 00.14 +07 20.7 19.0	-1.15 - 1.1	2.4/24.6	62491

2004 JQ ₁₄	2009 10 25.6	02 00.19 +04 22.9 20.5	-0.96 - 4.1	2.5/23.5	62392
2005 UX ₄₇₉	2009 10 25.6	02 00.22 +01 35.1 19.5	-0.86 - 6.4	4.6/22.6	62455
2005 VE ₅₃	2009 10 25.6	02 00.23 +06 53.4 18.2	-0.78 - 6.1	2.5/24.0	62457
2007 DC ₄₅	2009 10 25.6	02 00.25 -04 07.9 22.8	-0.82 - 5.6	4.6/20.7	40453
2004 GY ₅₈	2009 10 25.6	02 00.28 +07 16.9 20.7	-0.95 - 5.1	1.7/24.3	62391
2001 UR ₁₆₅	2009 10 25.6	02 00.29 +07 16.7 18.5	-1.87 +12.3	2.7/25.3	62325
2008 HN ₂₂	2009 10 25.6	02 00.29 -03 24.6 20.8	-0.86 - 3.9	4.9/21.4	40766
2001 KM ₁₅	2009 10 25.6	02 00.33 -04 50.5 20.3	-1.11 - 0.2	6.7/22.0	84685
2004 PX ₅₆	2009 10 25.6	02 00.35 +04 46.7 19.3	-0.82 - 6.3	2.8/23.4	62395
2000 SP ₅	2009 10 25.6	02 00.35 +29 07.6 18.7	-0.95 - 7.2	5.8/31.1	97392
2008 RG ₃₃	2009 10 25.6	02 00.37 +20 26.0 19.8	-0.55 - 2.3	1.5/28.2	46657
2002 RV ₂₈	2009 10 25.6	02 00.37 +25 22.4 19.7	-1.09 - 5.0	5.6/29.3	12813
2005 YG ₂₈₂	2009 10 25.6	02 00.38 +12 13.4 19.8	-0.90 - 4.1	0.0/25.7	62473
2005 WK ₁₄₆	2009 10 25.6	02 00.38 +10 10.9 21.2	-0.88 - 3.6	0.6/25.1	62463
2007 EY ₂₁₈	2009 10 25.6	02 00.40 +16 44.2 18.9	-1.32 + 4.7	1.8/26.4	62060
2005 QF ₄₉	2009 10 25.6	02 00.44 +14 53.9 19.5	-0.97 - 5.6	1.1/26.4	58506
2004 NB ₁₃	2009 10 25.6	02 00.44 -10 46.0 20.8	-0.88 - 3.7	7.3/19.2	40686
2000 SJ ₃₅₅	2009 10 25.6	02 00.44 +02 30.5 18.4	-1.09 + 3.8	4.3/23.9	62309
2001 SZ ₁₀₇	2009 10 25.7	02 00.39 +23 17.4 17.1	-0.78 - 9.4	5.1/29.4	60742
2004 TO ₁₇₂	2009 10 25.7	02 00.42 +26 22.4 19.5	-0.94 - 2.7	4.9/29.6	97759
2008 GP ₇₇	2009 10 25.7	02 00.46 +00 24.8 19.9	-0.88 - 6.8	5.0/22.2	40583
2008 GO ₁₁	2009 10 25.7	02 00.46 +12 52.8 19.6	-1.14 - 2.8	0.2/25.9	62533
2007 DS ₄₆	2009 10 25.7	02 00.48 +00 53.7 20.2	-0.95 - 5.3	4.7/22.5	17750
2007 HA ₈₈	2009 10 25.7	02 00.49 -00 31.6 20.1	-0.83 - 2.4	3.9/22.3	43282
2002 EC ₅₇	2009 10 25.7	02 00.49 +18 58.4 19.0	-0.55 - 2.9	1.3/27.8	58426
2004 SD ₄₈	2009 10 25.7	02 00.52 +17 34.8 18.3	-1.01 + 0.1	1.9/26.9	62403
2007 ES ₄₂	2009 10 25.7	02 00.57 +25 06.4 19.7	-0.99 - 0.9	3.8/29.0	62510
2004 PP ₆₄	2009 10 25.7	02 00.58 +16 40.4 18.7	-0.96 - 2.2	1.7/26.9	59728
2005 SN ₂₂₄	2009 10 25.7	02 00.58 +15 54.1 21.3	-1.03 - 3.1	1.3/26.7	95937
2008 HC ₁	2009 10 25.7	02 00.59 -01 03.4 19.8	-0.91 - 5.5	5.3/22.0	40764
2007 CY ₂₅	2009 10 25.7	02 00.60 +16 50.1 19.1	-1.13 - 1.3	2.0/26.8	62503
2006 VV ₉₅	2009 10 25.7	02 00.63 +08 37.6 18.9	-1.20 + 0.8	1.8/25.0	62492
2005 WG ₁₆₀	2009 10 25.7	02 00.63 -06 55.3 19.7	-0.95 - 3.1	7.4/20.3	98011
2005 YN ₁₇₆	2009 10 25.7	02 00.63 +13 04.3 21.6	-0.77 - 4.2	0.2/26.0	43249
2005 OA ₁₀	2009 10 25.7	02 00.64 -12 34.9 20.7	-0.97 - 2.8	10.4/19.4	87713
2002 AV ₁₈₈	2009 10 25.7	02 00.64 +13 07.3 19.5	-0.90 - 6.0	0.3/26.0	62338
2007 EA ₁₄₁	2009 10 25.7	02 00.66 +11 33.9 20.1	-0.83 - 6.8	0.3/25.5	62514
2007 ET ₂₆	2009 10 25.7	02 00.73 +02 03.9 20.5	-0.81 - 5.4	3.1/22.8	19384
2005 QR ₆₂	2009 10 25.7	02 00.73 +07 37.9 19.0	-0.87 - 5.0	2.2/24.5	62427
2005 XC ₁₁₁	2009 10 25.7	02 00.73 +17 19.9 21.4	-0.83 - 3.4	1.5/27.2	02263
2005 WO ₁₈₅	2009 10 25.7	02 00.77 -04 33.8 19.3	-0.91 - 1.7	5.6/21.5	96579
2003 ED ₅₈	2009 10 25.7	02 00.78 -06 56.4 20.0	-0.94 - 1.6	6.3/20.9	18046
2002 AT ₇₈	2009 10 25.7	02 00.79 -09 58.8 20.5	-0.96 - 2.2	8.9/19.5	94494
2004 FP ₁₂₅	2009 10 25.7	02 00.80 +14 27.1 20.6	-1.07 - 4.7	0.9/26.4	62132
2005 SC ₂₃₈	2009 10 25.7	02 00.80 +15 58.5 20.0	-0.97 - 3.8	1.4/26.8	16313
2007 ED ₁₅₅	2009 10 25.7	02 00.81 +23 02.9 20.0	-0.99 - 3.0	3.8/28.7	22883
2002 EO ₁₃₀	2009 10 25.7	02 00.82 +27 39.0 19.6	-0.91 - 5.2	4.7/30.4	62345
2007 BH ₇₄	2009 10 25.7	02 00.82 -13 06.7 21.0	-0.88 - 3.0	8.2/18.7	20518
2000 SV ₃₃₈	2009 10 25.7	02 00.83 +19 55.6 19.3	-1.11 + 0.6	2.8/27.5	62309
2002 AH ₁₀₁	2009 10 25.7	02 00.84 +19 17.4 19.7	-0.96 - 3.6	2.6/27.7	60757
2000 VH ₅₁	2009 10 25.8	02 00.75 +10 11.4 18.9	-1.06 + 0.8	0.8/25.4	62310

2002 RB ₂₄	2009 10 25.8	02 00.76 +17 01.3	19.9	-1.09	- 5.4	1.9/27.1	62353
2005 VE ₄₄	2009 10 25.8	02 00.81 +17 33.2	19.9	-1.11	- 3.0	2.1/27.1	62457
2005 WE ₇₉	2009 10 25.8	02 00.83 +26 41.0	20.0	-0.91	- 7.0	4.8/30.0	56036
2005 TV ₃₁	2009 10 25.8	02 00.85 +07 04.2	19.3	-0.89	- 5.7	2.3/24.3	62439
2001 XT ₁₄₉	2009 10 25.8	02 00.85 -05 07.1	19.3	-0.97	- 0.9	7.4/21.4	60753
2000 DQ ₉	2009 10 25.8	02 00.87 +11 56.8	21.5	-1.00	- 5.4	0.1/25.7	14596
2002 QK ₇₂	2009 10 25.8	02 00.87 +17 01.7	19.8	-1.01	- 5.2	2.2/27.1	13919
2008 OR	2009 10 25.8	02 00.96 +46 47.3	20.6	-1.13	- 6.9	10.5/07.2	43303
2007 CZ ₁₄	2009 10 25.8	02 00.97 -03 51.6	20.8	-0.83	- 5.7	5.0/21.0	26244
2008 KU ₂₁	2009 10 25.8	02 00.98 +03 37.9	19.6	-0.85	- 5.5	3.5/23.3	62540
2005 UN ₃₆₂	2009 10 25.8	02 01.01 +11 06.0	20.8	-1.09	- 0.2	0.4/25.6	58035
2003 SM ₁₈₂	2009 10 25.8	02 01.04 +09 18.1	20.4	-0.73	- 7.6	0.8/24.9	62376
2005 YG ₁₆₆	2009 10 25.8	02 01.05 +04 25.3	19.6	-0.82	- 5.2	2.8/23.6	62472
2005 MC ₄₂	2009 10 25.8	02 01.06 +10 23.6	19.0	-0.93	- 7.9	0.9/25.3	62421
2006 XK ₄₃	2009 10 25.8	02 01.07 +22 09.2	20.5	-1.06	- 5.8	3.8/28.6	18183
2003 DJ ₉	2009 10 25.8	02 01.08 +10 47.4	21.1	-0.93	- 3.4	0.5/25.5	62368
2002 TF ₂₉₉	2009 10 25.8	02 01.13 +14 50.5	20.2	-1.00	- 6.2	1.1/26.6	50696
2007 CM ₄	2009 10 25.8	02 01.13 +13 24.3	20.9	-1.01	- 4.8	0.4/26.2	62502
2004 VF ₃₈	2009 10 25.8	02 01.14 +07 44.7	18.8	-0.87	- 2.1	1.6/24.7	62412
2005 QH ₁₅₈	2009 10 25.8	02 01.18 +01 35.7	19.9	-0.91	- 4.8	4.6/22.9	57008
2007 EJ ₁₈	2009 10 25.8	02 01.18 +07 01.7	20.0	-0.83	- 6.1	1.8/24.3	62510
2005 US ₂₈₀	2009 10 25.8	02 01.20 +09 29.6	19.2	-1.11	+ 1.5	1.2/25.3	61973
1998 BB ₂₂	2009 10 25.9	02 01.14 +33 25.4	19.8	-1.04	- 4.1	7.9/01.0	97333
2001 VM ₁₁₀	2009 10 25.9	02 01.23 +22 51.1	20.4	-0.94	- 6.9	3.8/29.1	30549
2003 SX ₂₁₉	2009 10 25.9	02 01.26 -04 14.1	19.8	-0.70	- 7.1	5.3/20.6	62377
2004 VW ₂₇	2009 10 25.9	02 01.28 +28 59.2	18.9	-0.81	- 9.1	4.9/31.7	73528
2004 FE ₆₄	2009 10 25.9	02 01.29 +11 46.8	19.5	-1.04	- 2.8	0.2/25.8	62389
2008 EC ₄₆	2009 10 25.9	02 01.29 -00 50.9	19.7	-0.93	-20.7	5.7/20.9	62077
2007 GF ₂₅	2009 10 25.9	02 01.32 +02 47.0	19.4	-0.90	- 1.2	3.0/23.6	55321
2002 EZ ₇	2009 10 25.9	02 01.34 -00 58.7	20.7	-0.49	- 2.4	2.3/21.9	10864
2004 VG ₈₅	2009 10 25.9	02 01.34 +16 47.6	19.7	-0.80	- 5.3	1.4/27.3	62412
2002 CO ₁₈₂	2009 10 25.9	02 01.38 +31 59.3	19.8	-1.04	- 1.7	8.4/31.3	48208
2008 GB ₁₄₁	2009 10 25.9	02 01.40 +08 49.8	21.4	-0.99	- 7.6	1.3/24.9	58607
2004 SV ₇	2009 10 25.9	02 01.41 +12 12.5	20.2	-0.88	- 3.7	0.1/25.9	62402
2007 AG ₄	2009 10 25.9	02 01.43 +25 30.2	19.2	-1.09	- 2.9	6.3/29.4	19694
2004 TA ₁₄₁	2009 10 25.9	02 01.43 +07 49.4	19.8	-0.79	- 6.7	1.4/24.6	62406
2001 DD ₅₈	2009 10 25.9	02 01.45 +23 27.9	21.1	-0.97	- 3.3	3.7/28.9	02029
2005 VW ₁₃	2009 10 25.9	02 01.46 +00 10.9	19.9	-0.92	- 4.0	5.2/22.6	96357
2003 AQ ₆₄	2009 10 25.9	02 01.48 +12 47.7	19.3	-0.92	- 7.9	0.2/26.1	55962
2005 BE ₁	2009 10 25.9	02 01.48 +36 38.7	18.5	-1.84	+ 5.6	11.7/30.0	62416
2001 TU ₁₆	2009 10 25.9	02 01.48 +20 03.5	18.7	-1.90	+12.5	4.3/26.5	62321
2005 MH ₅₀	2009 10 25.9	02 01.53 +11 38.7	20.1	-1.06	- 4.6	0.3/25.8	62422
2004 SE ₆	2009 10 25.9	02 01.53 +05 01.0	20.4	-0.80	- 6.9	2.2/23.8	62402
2005 LM ₅₃	2009 10 25.9	02 01.55 +20 41.9	20.2	-1.06	- 5.8	3.1/28.3	39214
2006 XO ₁₉	2009 10 25.9	02 01.56 +23 25.4	19.6	-1.02	- 7.7	4.8/29.3	12662
2005 UY ₁₀₄	2009 10 25.9	02 01.56 +10 48.8	20.0	-0.85	- 8.1	0.6/25.5	61961
2001 TU ₅₆	2009 10 25.9	02 01.58 +15 15.5	18.4	-0.97	-23.0	1.3/27.1	62321
2002 QT ₅₉	2009 10 25.9	02 01.59 +24 18.3	21.0	-1.09	- 6.5	4.9/29.5	10893
2007 EQ ₉₄	2009 10 25.9	02 01.60 +09 52.3	19.9	-0.93	- 5.5	1.1/25.3	62512
2005 BZ ₂₇	2009 10 26.0	02 01.53 -32 57.4	19.7	-0.86	- 8.1	21.1/10.0	62416
2008 LB ₃	2009 10 26.0	02 01.53 +27 08.1	20.3	-0.85	- 5.2	4.6/30.6	41692

2005 UX ₄₀₂	2009 10 26.0	02 01.54 -04 26.3	19.0	-0.96	- 0.5	6.3/22.0	62453
2006 MG ₆	2009 10 26.0	02 01.55 -33 16.4	19.8	-1.26	+ 2.8	20.6/13.9	58530
2000 CZ ₂	2009 10 26.0	02 01.55 -04 21.5	20.0	-0.94	- 7.0	6.1/20.9	19520
2007 ER ₁₂	2009 10 26.0	02 01.56 +17 26.5	19.2	-0.96	- 3.5	1.9/27.4	62509
2005 SA ₁₁₈	2009 10 26.0	02 01.57 +00 58.2	19.6	-0.92	- 3.7	4.9/22.9	22519
2008 GU ₂₁	2009 10 26.0	02 01.60 +09 55.3	20.2	-0.84	- 9.6	0.9/25.2	62089
2005 UR ₉₇	2009 10 26.0	02 01.60 +10 59.4	20.0	-0.84	- 9.4	0.5/25.6	61961
2005 UK ₁₀₂	2009 10 26.0	02 01.61 +06 47.1	19.6	-0.86	- 6.5	2.2/24.4	62446
2005 OA ₇	2009 10 26.0	02 01.64 +09 34.5	19.7	-1.01	- 4.2	1.2/25.3	62424
2004 XB ₁₀₂	2009 10 26.0	02 01.66 -36 10.3	19.3	-1.06	- 2.4	23.6/10.0	76557
2004 RD ₁₃₈	2009 10 26.0	02 01.66 +14 25.8	19.2	-0.82	- 9.7	0.7/26.7	40128
2006 DH ₁₅	2009 10 26.0	02 01.69 +22 55.6	19.8	-0.93	- 2.3	3.5/28.8	97180
2002 RR ₂₆₉	2009 10 26.0	02 01.74 +18 58.4	20.3	-1.12	- 4.2	2.6/27.7	21124
2005 WM ₉₇	2009 10 26.0	02 01.75 +14 25.1	20.0	-0.90	- 4.9	0.7/26.6	19671
2003 BW ₈	2009 10 26.0	02 01.75 +03 15.2	19.8	-0.89	- 6.9	3.4/23.3	62366
2006 BB ₂₄₉	2009 10 26.0	02 01.79 +12 02.1	21.4	-0.79	- 3.7	0.1/26.0	02282
2005 QW ₈	2009 10 26.0	02 01.81 +21 12.0	19.8	-1.08	- 3.4	3.6/28.4	14743
2002 EU ₂₃	2009 10 26.0	02 01.83 +14 30.5	20.1	-0.88	- 4.4	0.8/26.7	97579
2003 CH	2009 10 26.0	02 01.86 -11 16.6	22.5	-0.88	- 3.4	6.6/19.3	14017
2005 WY ₈	2009 10 26.0	02 01.86 +12 39.6	19.3	-0.83	- 5.0	0.1/26.2	61986
2005 AH ₃₉	2009 10 26.0	02 01.87 -25 28.8	19.5	-0.72	- 3.9	10.8/12.4	43228
2004 RP ₉₃	2009 10 26.0	02 01.88 +15 23.6	20.1	-0.85	- 7.1	0.9/27.0	11067
2002 RE ₁₀₅	2009 10 26.0	02 01.89 +19 03.3	18.5	-1.14	- 0.9	3.1/27.6	62354
2002 FK ₁	2009 10 26.0	02 01.90 +04 23.8	20.8	-1.05	- 1.1	2.7/24.2	97586
2005 SM ₉₅	2009 10 26.0	02 01.92 +20 22.2	20.1	-1.24	+ 0.8	3.6/27.8	04346
2005 QP ₉₀	2009 10 26.0	02 01.96 +13 25.7	20.3	-1.00	- 5.5	0.4/26.4	90234
2008 SJ ₂₅₃	2009 10 26.0	02 01.97 +40 32.7	19.3	-0.75	- 0.7	5.5/03.7	58617
2005 MC ₅₀	2009 10 26.0	02 01.99 +19 53.5	18.8	-0.98	- 4.3	3.6/28.2	62422
2006 BP ₁₀₉	2009 10 26.1	02 01.96 -04 40.1	21.0	-0.75	- 3.6	4.9/21.2	19280
2004 BK ₁₀₂	2009 10 26.1	02 01.99 +24 12.4	18.9	-1.07	- 3.8	5.7/29.2	59721
2005 WU ₁₃₅	2009 10 26.1	02 02.00 +13 04.2	19.7	-0.89	- 5.1	0.3/26.3	62463
2005 TD ₁₁₈	2009 10 26.1	02 02.03 +14 58.5	20.7	-0.97	- 4.6	0.9/26.8	62441
2004 VK ₇₁	2009 10 26.1	02 02.05 +11 57.6	19.4	-0.83	- 3.8	0.2/26.0	62412
2005 UU ₅₀₉	2009 10 26.1	02 02.06 +09 44.7	19.4	-0.76	- 8.2	1.2/25.3	61979
2007 HZ ₁₉	2009 10 26.1	02 02.06 +09 38.4	20.9	-0.84	- 1.9	0.8/25.4	26277
2001 HC ₆₆	2009 10 26.1	02 02.09 -25 15.8	20.9	-1.03	- 1.8	11.9/15.3	40668
2004 SZ ₅₀	2009 10 26.1	02 02.09 +14 09.3	20.2	-0.86	- 4.1	0.6/26.6	62403
2005 RL ₄₁	2009 10 26.1	02 02.10 +07 44.6	19.8	-0.95	- 4.2	2.1/24.9	62431
2008 KX ₁₂	2009 10 26.1	02 02.12 +09 39.7	20.4	-0.90	- 5.4	1.0/25.4	40624
2002 AG ₂₀₂	2009 10 26.1	02 02.12 +17 24.3	20.7	-0.89	- 5.2	1.5/27.6	94545
2005 YG ₄₆	2009 10 26.1	02 02.15 +10 11.0	20.4	-0.86	- 5.2	0.8/25.5	02264
2003 SO ₃₄₆	2009 10 26.1	02 02.16 +19 47.0	21.9	-0.86	- 2.6	2.0/28.2	32925
2003 SD ₂₈₂	2009 10 26.1	02 02.19 +08 22.8	19.5	-0.86	- 1.3	1.3/25.2	62377
2008 GD ₆₄	2009 10 26.1	02 02.22 -01 06.1	19.5	-1.48	+ 6.1	5.2/24.4	40759
2005 UM ₂₈₂	2009 10 26.1	02 02.25 +09 35.1	20.1	-0.89	- 5.9	0.9/25.4	97931
2002 XP ₃₅	2009 10 26.1	02 02.27 -07 02.7	19.6	-1.08	- 0.7	8.0/21.4	62363
2000 SD ₉₂	2009 10 26.1	02 02.27 +20 34.0	18.4	-0.85	- 9.5	2.9/28.9	62307
2007 GO ₃₀	2009 10 26.1	02 02.28 +11 12.2	20.7	-0.81	- 4.8	0.4/25.8	62518
2003 RF ₂₄	2009 10 26.1	02 02.29 +15 52.1	19.7	-0.78	- 5.5	1.1/27.2	62374
2001 TD ₁₈₉	2009 10 26.1	02 02.30 +18 34.4	18.5	-0.89	- 7.3	2.6/28.0	97486
2005 NO ₁₇	2009 10 26.1	02 02.32 +12 20.2	19.4	-0.91	- 5.2	0.0/26.2	62422

2007 EU ₃₄	2009 10 26.1	02 02.33 +14 16.8 20.3	-0.98	- 2.6	0.6/26.7	59790	2003 QK ₇₇	2009 10 26.4	02 03.07 +45 35.9 19.8	-1.28	+ 1.1	9.8/04.5	59703
2001 UZ ₂₁₉	2009 10 26.1	02 02.33 +17 42.9 19.9	-0.97	- 4.4	2.0/27.6	62326	2001 GV ₃	2009 10 26.4	02 03.08 -07 03.5 20.6	-0.68	- 7.6	4.7/19.9	47166
2002 VB ₁₄₂	2009 10 26.1	02 02.33 +25 58.0 19.8	-1.03	- 8.7	5.7/30.6	57379	2008 FS ₂₅	2009 10 26.4	02 03.09 +08 37.4 20.7	-1.00	- 5.0	1.4/25.4	62529
2007 EN ₁₀₅	2009 10 26.1	02 02.33 +09 55.4 20.2	-0.86	- 4.5	0.9/25.5	62513	2004 FQ ₁₀₅	2009 10 26.4	02 03.09 +02 54.6 21.4	-0.97	- 4.8	3.4/23.8	62389
2005 UG ₂₈₄	2009 10 26.2	02 02.29 +07 10.3 20.8	-0.92	- 5.1	1.9/24.7	18146	2003 NL ₆	2009 10 26.4	02 03.09 +06 07.9 19.9	-0.74	- 8.1	2.0/24.4	62372
2007 FL	2009 10 26.2	02 02.29 +17 24.4 19.3	-0.94	- 3.4	1.7/27.5	62516	2002 CA ₁₉	2009 10 26.4	02 03.13 +11 49.6 20.4	-0.94	-15.2	0.2/26.2	74135
2005 QT ₂₁	2009 10 26.2	02 02.35 +08 46.2 19.4	-0.85	- 5.7	1.8/25.1	61926	2008 RJ ₂₇	2009 10 26.4	02 03.17 +21 54.1 19.5	-0.53	- 2.9	1.7/29.3	50166
2006 FA ₄₉	2009 10 26.2	02 02.36 +02 16.4 18.7	-0.94	+ 1.0	3.1/24.0	62483	2002 CO ₁₇₁	2009 10 26.4	02 03.18 +03 26.1 19.5	-0.91	- 3.2	3.2/24.0	20761
2005 OS ₂₀	2009 10 26.2	02 02.40 +14 43.1 20.2	-1.03	- 4.4	0.9/26.8	62424	2006 GV ₃₄	2009 10 26.4	02 03.18 +09 53.9 20.5	-0.93	- 0.2	0.7/25.8	62015
1993 TQ ₁₀	2009 10 26.2	02 02.44 +18 16.5 20.3	-0.86	- 2.2	1.5/27.8	62291	2002 SB ₄₅	2009 10 26.4	02 03.19 +08 43.2 18.6	-0.89	- 4.5	1.9/25.4	62356
2004 RP ₃₄₅	2009 10 26.2	02 02.45 +06 13.8 19.9	-0.88	- 3.2	2.1/24.6	62401	2001 RH ₁₀₂	2009 10 26.4	02 03.21 +19 51.4 18.1	-1.14	+ 1.4	3.4/28.0	62317
2005 WV ₁₄₅	2009 10 26.2	02 02.49 +14 49.8 19.9	-0.91	- 4.5	0.9/26.9	26104	2007 JS ₂₅	2009 10 26.4	02 03.22 +00 04.6 21.0	-0.87	- 3.4	3.9/23.0	21367
2009 SH ₄₈	2009 10 26.2	02 02.51 +14 00.7 20.4	-0.50	- 6.0	0.3/26.8	62208	2005 JT ₆₇	2009 10 26.4	02 03.25 +16 11.5 19.6	-1.11	- 4.9	1.5/27.4	62419
2005 WX ₆₂	2009 10 26.2	02 02.53 +02 17.9 18.3	-0.79	- 4.8	4.8/23.3	96484	2006 SH ₁₉	2009 10 26.4	02 03.27 +31 04.8 19.2	-1.72	+ 4.7	8.8/29.5	62485
2006 DP ₁₃₇	2009 10 26.2	02 02.55 +02 10.6 18.9	-0.77	- 4.0	3.6/23.3	19692	2002 SV ₁₁	2009 10 26.4	02 03.30 +11 21.9 19.0	-1.04	- 2.9	0.5/26.2	62356
2007 DT ₉	2009 10 26.2	02 02.55 +55 14.7 20.5	-1.51	- 0.4	12.7/08.9	47419	2005 UO ₄₄	2009 10 26.4	02 03.31 +11 24.0 20.4	-0.85	- 8.2	0.4/26.1	61954
2005 VW ₉	2009 10 26.2	02 02.61 +18 04.7 19.0	-1.06	- 3.6	2.4/27.7	62456	2007 YP ₁₃	2009 10 26.4	02 03.32 -24 25.4 20.7	-1.38	+ 2.5	16.6/18.5	33558
2007 CE ₁₁	2009 10 26.2	02 02.63 -11 34.9 20.1	-0.86	- 4.8	8.5/19.1	62502	2000 QB ₂₃₃	2009 10 26.4	02 03.33 +20 45.1 20.3	-0.95	- 4.3	3.2/28.7	17917
2005 NN ₇	2009 10 26.2	02 02.64 +25 12.7 19.5	-1.11	- 4.9	5.3/29.7	60828	2007 CO ₆₄	2009 10 26.4	02 03.34 +13 59.8 19.6	-1.00	- 3.3	0.7/26.8	20533
2007 BL ₃₆	2009 10 26.2	02 02.64 +01 14.4 20.2	-0.92	- 3.6	3.8/23.3	16019	2004 KJ ₁₈	2009 10 26.4	02 03.34 +25 09.8 20.6	-1.11	- 2.3	4.3/30.0	39740
2005 YY ₁₇₀	2009 10 26.2	02 02.69 +33 11.9 19.2	-0.94	- 7.6	7.8/02.2	96814	2002 LD ₆₂	2009 10 26.4	02 03.34 +09 28.6 19.1	-0.96	- 7.0	1.5/25.6	62349
2002 GX ₁₃	2009 10 26.2	02 02.70 +09 25.4 19.1	-0.75	- 9.8	0.9/25.3	62346	1999 LE ₂₉	2009 10 26.4	02 03.36 +00 21.7 21.3	-0.86	- 4.3	3.8/23.1	17900
2008 FM ₅₉	2009 10 26.2	02 02.71 +13 12.5 20.6	-1.06	- 5.1	0.3/26.5	62530	2006 YG ₃₇	2009 10 26.4	02 03.37 +24 46.6 20.0	-1.05	- 3.8	5.8/30.0	15972
2002 GB ₁₁₂	2009 10 26.2	02 02.73 +01 21.3 19.1	-0.86	- 2.7	3.8/23.3	19578	2005 UL ₂₂₃	2009 10 26.4	02 03.37 +18 27.1 20.2	-0.90	- 8.3	2.0/28.3	22800
2004 HO ₁₇	2009 10 26.2	02 02.74 +12 39.5 19.9	-1.06	- 2.7	0.1/26.3	62391	2005 SH ₂₅₄	2009 10 26.4	02 03.40 -00 13.4 19.2	-0.90	- 4.7	5.6/22.9	41200
2002 TS ₁₀₃	2009 10 26.2	02 02.75 +14 57.0 18.9	-1.01	- 8.8	1.1/27.0	62358	2006 KZ ₅	2009 10 26.4	02 03.42 +09 02.9 21.6	-0.62	- 2.5	0.7/25.5	62484
2005 XK ₅₁	2009 10 26.3	02 02.66 +18 50.5 20.0	-0.94	- 3.4	2.4/28.0	18164	2002 QM ₅₂	2009 10 26.4	02 03.43 -00 24.2 20.3	-1.00	- 5.8	4.9/22.9	59078
1998 XO ₈	2009 10 26.3	02 02.67 -03 04.0 19.1	-0.84	- 1.1	5.3/22.3	62296	2004 HJ ₁₉	2009 10 26.4	02 03.45 +15 58.8 19.8	-1.00	- 4.0	1.1/27.4	39201
2006 BK ₃₆	2009 10 26.3	02 02.67 +22 41.9 20.8	-0.91	- 2.9	3.4/29.1	02272	2003 BS ₄₄	2009 10 26.4	02 03.45 +07 11.3 19.4	-0.98	- 4.4	2.1/25.1	62367
2007 EF ₁₃₁	2009 10 26.3	02 02.68 +12 29.9 20.5	-0.97	- 5.1	0.0/26.3	21878	2006 YK ₁₂	2009 10 26.4	02 03.46 +27 28.4 20.8	-1.06	- 5.4	5.2/30.7	16376
2008 RJ ₆₅	2009 10 26.3	02 02.68 +14 38.6 20.2	-0.55	- 1.9	0.4/26.9	62542	2002 CH ₂₇₆	2009 10 26.4	02 03.47 +19 36.1 20.2	-0.93	- 4.0	2.5/28.4	17999
2009 RK ₅₆	2009 10 26.3	02 02.69 +07 26.3 20.3	-0.83	- 4.2	1.7/24.9	62198	2000 GM ₁₁₅	2009 10 26.4	02 03.49 +18 15.6 19.6	-0.93	- 1.1	1.7/27.9	62304
2005 YD ₁₆₃	2009 10 26.3	02 02.74 +09 38.0 20.2	-0.83	- 5.0	0.9/25.5	62471	2008 GS ₆₀	2009 10 26.4	02 03.52 +07 51.0 20.1	-1.09	+ 0.1	1.6/25.5	58605
2004 YP ₃	2009 10 26.3	02 02.75 -34 09.6 19.1	-1.55	+14.2	25.6/22.8	62416	2006 AP ₅₀	2009 10 26.5	02 03.43 +25 07.3 20.7	-0.92	- 5.1	4.5/30.0	98082
2008 NB ₂	2009 10 26.3	02 02.75 +57 10.4 21.0	-1.44	- 3.1	12.0/12.0	43302	1999 JG ₂₉	2009 10 26.5	02 03.43 +16 10.4 21.4	-0.65	- 5.5	0.7/27.6	77384
2004 JN ₃	2009 10 26.3	02 02.76 +07 05.4 20.4	-1.03	- 2.8	1.9/25.0	62392	2005 US ₈₂	2009 10 26.5	02 03.46 +11 50.2 20.2	-0.98	- 2.8	0.3/26.3	18140
2008 RZ ₅₈	2009 10 26.3	02 02.78 +17 54.6 20.6	-0.56	- 1.8	1.0/27.9	62100	2004 FD ₁₈	2009 10 26.5	02 03.47 +12 43.9 21.0	-1.00	- 4.6	0.1/26.6	33420
2001 WD ₇₈	2009 10 26.3	02 02.79 +12 21.1 19.5	-0.89	- 6.2	0.0/26.3	57359	2003 SC ₂₂	2009 10 26.5	02 03.47 +24 52.4 19.4	-0.91	- 2.2	3.8/29.8	60787
2002 JA ₆₇	2009 10 26.3	02 02.80 +07 13.6 20.7	-1.08	- 5.5	2.0/24.9	62347	2004 RH ₃₀₀	2009 10 26.5	02 03.53 +14 14.7 19.7	-0.90	- 3.5	0.6/27.0	62401
1998 HA ₁₇	2009 10 26.3	02 02.81 +45 20.2 19.7	-1.83	+ 7.0	12.3/30.9	97335	2001 VZ ₁₁₁	2009 10 26.5	02 03.55 +16 22.2 19.6	-0.91	- 5.8	1.5/27.6	62328
2001 XW ₁₃₃	2009 10 26.3	02 02.83 +17 42.9 19.0	-0.89	- 6.7	2.2/27.9	60753	2004 BD ₁₃	2009 10 26.5	02 03.56 -27 40.5 21.2	-0.99	- 2.5	12.3/14.5	39191
2004 XP ₁₁₀	2009 10 26.3	02 02.84 -03 52.7 20.2	-0.81	- 1.3	4.6/22.0	00886	2008 GG ₅₇	2009 10 26.5	02 03.60 +09 40.5 22.1	-0.99	- 5.7	1.0/25.7	40579
2007 EV ₉₉	2009 10 26.3	02 02.85 +13 47.3 20.6	-0.92	- 4.3	0.5/26.7	62512	2005 UR ₂₁₈	2009 10 26.5	02 03.67 +18 42.5 20.4	-0.94	- 6.1	2.1/28.3	18145
2002 CL ₂₀₅	2009 10 26.3	02 02.86 +03 43.0 19.9	-0.84	- 5.5	3.1/23.8	62341	2007 EG ₁₉₆	2009 10 26.5	02 03.68 +19 05.2 19.2	-0.93	- 1.4	2.0/28.2	62515
2004 FR ₁₁₁	2009 10 26.3	02 02.87 +07 49.2 19.9	-0.95	- 8.1	1.9/24.9	62389	2009 SR ₇₅	2009 10 26.5	02 03.69 +02 51.0 20.1	-0.72	- 6.7	2.9/23.5	62212
2005 NJ ₁₂₃	2009 10 26.3	02 02.90 +14 22.9 20.3	-1.01	- 7.1	0.7/26.9	62424	2003 SH ₈₂	2009 10 26.5	02 03.70 +36 36.9 18.8	-1.35	+ 5.1	8.9/30.7	62375
2004 GL ₃	2009 10 26.3	02 02.98 +10 39.4 20.0	-0.98	- 6.0	0.7/25.9	62390	2006 EZ ₃₅	2009 10 26.5	02 03.70 +00 13.4 19.3	-0.77	- 4.8	4.5/22.9	26142
2005 MU ₃	2009 10 26.3	02 03.00 -05 24.9 19.8	-0.53	- 1.7	3.3/21.1	43232	2006 AZ ₄₈	2009 10 26.5	02 03.70 +13 55.6 20.6	-0.84	- 4.6	0.4/26.9	40160
2007 CW ₂	2009 10 26.3	02 03.09 +11 37.8 18.1	-0.83	- 6.1	0.4/26.1	62502	2001 WS ₉₀	2009 10 26.5	02 03.71 +19 23.4 19.0	-0.99	- 3.3	2.8/28.3	17974
2006 WR ₁₂₃	2009 10 26.3	02 03.13 +28 45.8 19.7	-1.00	- 5.5	5.7/31.3	22861	2001 WG ₁₀₁	2009 10 26.5	02 03.71 +10 38.0 19.4	-0.92	- 3.3	0.9/26.1	62330
2004 HQ ₃₉	2009 10 26.4	02 03.05 +10 32.6 18.7	-1.08	- 1.2	0.8/26.0	62392	2008 FU ₅₂	2009 10 26.5	02 03.71 +07 36.1 19.1	-0.96	- 4.7	2.3/25.2	62530

2008 FW ₇₃	2009 10 26.5	02 03.73 +09 56.8 20.4	-1.08	- 2.9	1.0/25.9	62531	2002 QP ₂₈	2009 10 26.7	02 04.37 +14 03.5 19.2	-1.11	- 3.3	0.7/27.1	62351
2006 AQ ₁₆	2009 10 26.5	02 03.74 -10 48.5 19.9	-0.93	- 1.5	8.1/20.3	26121	2006 BK ₁₀₉	2009 10 26.7	02 04.39 +24 59.2 20.5	-0.88	- 3.1	3.6/30.2	41841
2002 EU ₁₃₀	2009 10 26.5	02 03.78 +09 12.6 19.8	-0.85	- 3.7	1.1/25.7	62345	2005 WS ₇	2009 10 26.7	02 04.41 +08 30.3 19.0	-0.87	- 6.6	1.7/25.5	62459
2006 AJ ₁₁	2009 10 26.5	02 03.81 +04 57.6 21.0	-0.73	- 3.8	2.0/24.4	62474	2004 FG ₃	2009 10 26.7	02 04.44 -06 19.9 20.9	-0.87	-10.2	6.0/20.5	59722
2004 DQ ₂₂	2009 10 26.5	02 03.83 +02 57.9 20.0	-0.98	- 6.1	3.7/23.9	62385	2003 SL ₂₀₈	2009 10 26.7	02 04.45 +17 06.0 19.4	-0.79	- 5.3	1.5/28.1	00556
2007 EO ₇₀	2009 10 26.5	02 03.83 +02 29.5 20.9	-0.84	- 6.0	3.2/23.6	62511	2004 SE ₃₂	2009 10 26.7	02 04.47 +15 15.7 19.2	-0.90	- 2.6	1.0/27.4	62402
2008 FA ₁₀₅	2009 10 26.5	02 03.85 +06 27.3 20.1	-1.11	- 1.7	2.4/25.2	62531	2005 UE ₂₄₁	2009 10 26.7	02 04.53 -02 10.1 19.7	-1.03	+ 0.4	5.8/23.6	40151
2005 VH ₅₂	2009 10 26.5	02 03.88 +01 44.0 19.4	-0.84	- 5.5	4.7/23.4	19668	2005 XG ₁₀₃	2009 10 26.7	02 04.61 +07 03.0 20.2	-0.80	- 4.1	1.8/25.2	62467
2004 TR ₁₂₅	2009 10 26.5	02 03.89 +13 50.0 19.7	-0.87	- 3.9	0.4/26.9	62406	2003 SP ₂₉₅	2009 10 26.7	02 04.61 +15 07.0 18.2	-0.74	- 7.7	0.8/27.6	47264
2005 VA ₃	2009 10 26.6	02 03.83 +16 22.7 19.8	-0.88	- 7.1	1.6/27.7	96348	2008 RE ₃	2009 10 26.7	02 04.63 +14 47.3 20.7	-0.51	- 2.9	0.4/27.5	46639
2004 ME ₄	2009 10 26.6	02 03.86 -08 46.6 19.2	-0.95	- 0.5	8.7/21.5	62394	2004 VH ₂₆	2009 10 26.7	02 04.65 +18 04.4 19.2	-0.86	- 3.9	2.0/28.3	62411
2001 XD ₂₁₈	2009 10 26.6	02 03.89 +21 49.1 19.3	-0.90	- 8.5	3.1/29.5	59674	2005 QS ₆₉	2009 10 26.7	02 04.68 +15 06.8 19.8	-1.04	- 6.1	1.0/27.5	62427
2006 JB ₂₉	2009 10 26.6	02 03.91 +03 52.4 21.4	-0.85	- 1.7	2.4/24.4	26169	2007 BO ₁₀₀	2009 10 26.8	02 04.59 +04 15.8 21.1	-0.97	- 5.6	3.5/24.5	62502
2001 VX ₃₀	2009 10 26.6	02 03.93 +09 54.9 18.8	-0.96	- 2.9	1.2/25.9	62327	2003 QU ₉₂	2009 10 26.8	02 04.59 -12 34.4 19.4	-0.72	- 4.8	8.2/18.7	62374
2001 WK ₄₃	2009 10 26.6	02 03.96 +09 05.3 19.5	-0.87	- 6.0	1.5/25.6	62329	2007 EH ₂₀₅	2009 10 26.8	02 04.62 +07 43.2 19.9	-0.89	- 2.2	1.7/25.6	62059
2008 PN ₁₃	2009 10 26.6	02 04.00 -00 32.6 20.2	-0.63	- 3.8	3.2/22.7	49034	2005 XV ₂₇	2009 10 26.8	02 04.62 +32 55.8 19.1	-1.00	- 6.3	7.7/02.2	16342
2004 TG ₃₁₀	2009 10 26.6	02 04.04 +26 17.1 19.5	-0.87	- 6.0	4.4/30.9	62409	2008 RF ₂₅	2009 10 26.8	02 04.64 +18 53.7 19.1	-0.55	- 3.4	1.2/28.7	62541
2008 EN ₉₉	2009 10 26.6	02 04.05 -06 05.1 20.7	-0.98	-20.7	8.3/19.4	62528	2008 DS ₈₅	2009 10 26.8	02 04.70 +06 37.9 20.3	-1.01	- 4.6	2.4/25.3	62526
2004 TY ₁₅₀	2009 10 26.6	02 04.05 +13 58.7 20.7	-0.84	- 4.6	0.5/27.0	62407	2005 MD ₃₄	2009 10 26.8	02 04.70 +19 37.3 20.5	-1.12	- 4.0	2.6/28.6	39215
2005 UZ ₁₈₀	2009 10 26.6	02 04.06 +01 42.4 20.6	-0.95	- 1.5	3.4/24.0	20821	2004 XY ₁₀₂	2009 10 26.8	02 04.71 -03 56.2 18.0	-0.92	+ 1.9	6.3/23.3	62415
2007 FB ₂₀	2009 10 26.6	02 04.07 +13 28.4 20.1	-1.08	- 0.2	0.3/26.8	62516	2004 RR ₂₆₆	2009 10 26.8	02 04.73 +20 01.0 20.4	-0.91	- 4.1	2.6/28.9	18094
2002 GM ₁₈₀	2009 10 26.6	02 04.07 +19 12.5 20.6	-0.86	- 6.3	2.1/28.6	03316	2007 EN ₅₁	2009 10 26.8	02 04.77 +06 48.9 20.0	-0.74	- 6.3	1.7/25.1	62511
2005 XA ₂	2009 10 26.6	02 04.08 +14 42.2 19.7	-0.90	- 5.1	0.7/27.2	62465	2004 RA ₁₃₇	2009 10 26.8	02 04.78 +05 46.3 19.9	-0.78	- 7.3	2.4/24.7	61896
2006 XJ ₆₉	2009 10 26.6	02 04.08 +04 58.7 21.0	-0.96	- 4.1	2.6/24.6	24141	2004 TU ₃₂₃	2009 10 26.8	02 04.78 +13 28.4 20.2	-0.77	- 6.2	0.2/27.1	22491
2007 LR ₃₀	2009 10 26.6	02 04.08 +06 13.1 21.8	-0.51	- 2.2	1.1/24.8	62066	2008 KZ ₁₆	2009 10 26.8	02 04.78 +04 13.2 20.7	-0.78	- 6.5	2.7/24.3	62096
2003 CF ₂₅	2009 10 26.6	02 04.08 +19 11.1 19.1	-0.99	- 3.8	3.0/28.4	57381	2004 XL ₉₄	2009 10 26.8	02 04.79 +22 48.0 20.4	-0.80	- 5.1	3.0/29.9	43226
2004 BQ ₁₅₁	2009 10 26.6	02 04.09 +19 32.5 20.0	-1.03	- 7.3	2.8/28.7	38013	2009 RG ₅₆	2009 10 26.8	02 04.79 +04 56.3 20.9	-0.71	- 8.4	2.2/24.3	62198
2008 RP ₁₈	2009 10 26.6	02 04.09 +23 46.5 19.8	-0.57	- 2.1	2.1/30.0	50163	2006 AU ₈₆	2009 10 26.8	02 04.80 +21 59.2 19.4	-0.88	- 6.2	3.4/29.6	60858
2005 RM ₂₃	2009 10 26.6	02 04.10 +21 01.7 19.9	-1.02	- 5.9	3.2/29.1	40140	2005 WU ₁₅₆	2009 10 26.8	02 04.83 +14 57.0 19.2	-0.92	- 4.6	0.9/27.5	62464
2000 SY ₃₇₁	2009 10 26.6	02 04.14 +18 53.5 18.8	-1.01	- 1.6	2.5/28.2	62309	2003 ST ₂₆₂	2009 10 26.8	02 04.83 +15 32.2 19.5	-0.88	- 1.3	0.9/27.6	41797
2008 GC ₄₆	2009 10 26.6	02 04.14 +04 54.2 22.3	-0.99	- 5.2	2.7/24.6	40210	2005 XB ₄₁	2009 10 26.8	02 04.84 +28 04.9 19.9	-0.90	-10.2	5.9/01.2	96623
2002 CU ₂₈	2009 10 26.6	02 04.15 -11 53.6 20.2	-0.87	- 3.1	7.7/19.6	19568	2006 BZ ₁₃₀	2009 10 26.8	02 04.87 +12 20.2 21.2	-0.80	- 4.4	0.1/26.8	56040
2007 DR ₃₄	2009 10 26.6	02 04.18 -05 32.4 20.4	-0.79	- 6.5	5.5/21.0	24510	2001 UG ₂₅	2009 10 26.8	02 04.90 +27 14.3 18.0	-1.10	+ 0.9	7.0/30.0	62324
2006 DE ₁₇₄	2009 10 26.6	02 04.20 +10 33.3 21.0	-0.78	- 3.7	0.6/26.1	21629	2000 HV ₄₀	2009 10 26.8	02 04.91 +17 20.7 19.3	-0.98	- 7.2	1.7/28.2	60729
2005 UF ₁₇₈	2009 10 26.6	02 04.21 +13 37.2 19.0	-1.02	- 2.6	0.4/26.9	62448	2005 WL ₅₀	2009 10 26.8	02 04.94 +13 24.4 19.7	-0.90	- 4.6	0.3/27.1	37491
2005 UT ₄₁₄	2009 10 26.6	02 04.22 +09 13.2 20.0	-0.84	- 7.1	1.4/25.7	61976	2007 AH ₂₇	2009 10 26.8	02 04.94 +23 59.2 19.4	-0.95	- 4.5	5.7/30.1	30251
2005 SU ₂₅₃	2009 10 26.6	02 04.24 +13 14.8 19.5	-0.95	- 5.3	0.3/26.9	97844	2006 AD ₂₇	2009 10 26.8	02 04.96 +07 15.1 20.0	-0.82	- 4.4	1.8/25.4	62474
2004 ES ₆₆	2009 10 26.6	02 04.26 +08 30.7 19.9	-0.95	- 7.3	1.5/25.5	62387	2006 KF ₁₁₀	2009 10 26.8	02 04.96 +13 37.8 19.2	-0.92	- 0.6	0.3/27.1	62484
1995 WL ₃₈	2009 10 26.6	02 04.28 +16 15.1 18.6	-0.84	- 5.3	1.9/27.8	62292	2005 UO ₁₇₁	2009 10 26.8	02 04.98 +15 41.1 20.3	-0.87	- 6.4	1.3/27.8	03768
2002 VP ₁₀₆	2009 10 26.6	02 04.28 +21 21.1 19.2	-0.99	- 7.0	3.7/29.3	16231	2007 ES ₂₀	2009 10 26.8	02 04.98 +07 13.3 20.5	-0.88	- 4.9	1.9/25.4	62050
2004 KA ₁	2009 10 26.6	02 04.29 -21 37.0 19.1	-1.37	+12.4	21.2/24.2	62393	2008 RZ ₁₁₉	2009 10 26.8	02 04.99 +08 50.0 20.7	-0.50	- 3.2	0.7/25.7	62542
2004 EB ₈₁	2009 10 26.7	02 04.20 +11 24.7 19.1	-1.16	- 0.6	0.5/26.4	62388	2004 FN ₃₃	2009 10 26.8	02 05.07 +22 46.7 19.7	-1.05	- 5.0	3.6/29.7	60800
2002 TH ₃₁₄	2009 10 26.7	02 04.22 -04 42.3 21.2	-0.89	-11.3	5.8/20.9	40677	2004 QR ₂	2009 10 26.9	02 04.99 -03 43.7 20.1	-0.82	- 4.9	6.0/22.1	58480
2007 DY ₁₀₉	2009 10 26.7	02 04.22 +00 54.4 20.3	-0.79	- 9.1	4.0/22.9	62048	2005 VF ₁₁₂	2009 10 26.9	02 04.99 +21 27.8 19.2	-0.90	- 6.8	3.5/29.6	01110
2005 UO ₁₅₃	2009 10 26.7	02 04.23 +14 02.0 20.3	-0.91	- 5.4	0.5/27.1	62447	2006 WU ₂₇	2009 10 26.9	02 05.01 +08 32.4 20.1	-1.10	- 3.5	1.7/25.9	62494
2003 QT ₉	2009 10 26.7	02 04.25 +32 48.0 18.6	-0.96	- 2.0	7.5/01.5	62373	2007 GE ₃₃	2009 10 26.9	02 05.03 +05 13.8 20.5	-0.78	-10.7	2.1/24.4	62518
2005 UV ₅₁₀	2009 10 26.7	02 04.26 +12 02.8 18.9	-0.86	- 6.3	0.2/26.5	62455	2000 SD ₃₃₄	2009 10 26.9	02 05.05 +06 58.1 18.9	-0.90	- 2.4	2.5/25.5	62308
2007 FJ ₄₂	2009 10 26.7	02 04.28 +16 42.4 20.4	-1.04	- 3.2	1.7/27.7	62517	2005 WH ₂₀₅	2009 10 26.9	02 05.06 +14 16.1 20.3	-0.92	- 5.1	0.6/27.4	56037
2000 QJ ₆₇	2009 10 26.7	02 04.32 +05 23.4 18.9	-0.98	- 2.0	3.1/25.0	62306	2005 SX ₁₇₅	2009 10 26.9	02 05.07 +15 52.1 20.1	-0.90	- 7.7	1.3/27.9	62436
2007 GH ₂₉	2009 10 26.7	02 04.33 -04 53.8 21.0	-0.81	- 6.6	5.7/21.4	22586	2001 YG ₁₅₄	2009 10 26.9	02 05.07 -09 59.3 18.4	-1.01	+ 1.9	9.2/22.0	94462
2004 VU ₄₄	2009 10 26.7	02 04.35 +01 09.5 20.0	-0.83	- 2.0	3.5/23.8	20812	2000 SW ₃₅	2009 10 26.9	02 05.09 -00 45.7 19.5	-0.81	- 8.1	4.4/22.7	40666

2000 AM ₂₁₅	2009 10 26.9	02 05.09 +02 35.6 19.5	-0.79	- 3.6	3.6/24.1	20732
2005 SF ₂₃₀	2009 10 26.9	02 05.12 +13 49.9 21.0	-0.96	- 4.7	0.5/27.2	95939
2007 BA ₃₂	2009 10 26.9	02 05.14 +01 06.1 19.9	-0.93	- 5.5	5.0/23.7	40706
2001 VJ ₁₃	2009 10 26.9	02 05.16 +06 43.5 18.5	-1.74	+ 9.0	3.1/26.3	62327
2003 GM ₁₂	2009 10 26.9	02 05.17 +18 22.5 21.3	-0.96	- 3.0	1.7/28.4	50759
2001 KL ₅₃	2009 10 26.9	02 05.19 +11 53.5 20.2	-0.98	- 6.8	0.3/26.7	62314
2005 UF ₁₃₉	2009 10 26.9	02 05.23 +02 51.3 20.5	-1.02	- 0.5	3.6/24.7	58516
2007 DE ₅₈	2009 10 26.9	02 05.24 +10 27.9 20.8	-0.85	- 5.6	0.7/26.3	62507
2005 QV ₁₀₉	2009 10 26.9	02 05.25 +08 14.6 19.9	-0.90	- 7.2	1.9/25.7	62428
2005 UT ₁₂₃	2009 10 26.9	02 05.25 +13 03.7 20.6	-0.93	- 4.3	0.1/27.1	62446
2005 UV ₁₈₁	2009 10 26.9	02 05.26 +07 35.4 20.7	-0.92	- 3.6	1.8/25.6	17614
2005 VL ₉₃	2009 10 26.9	02 05.26 -05 47.5 21.1	-0.92	- 1.7	5.7/22.2	20442
2000 WS ₆₅	2009 10 26.9	02 05.31 +15 33.9 19.1	-0.86	- 5.5	1.0/27.8	62310
2000 EK ₁₃₆	2009 10 26.9	02 05.31 +04 21.2 19.9	-0.95	- 4.5	2.6/24.7	62304
2007 TL ₃₅₀	2009 10 26.9	02 05.33 +27 49.6 20.6	-0.59	- 1.6	2.7/31.5	47442
2004 RA ₃₁₂	2009 10 26.9	02 05.34 +16 33.3 20.0	-0.91	- 3.6	1.3/28.0	20354
2008 SF ₂₄	2009 10 26.9	02 05.35 +15 43.4 19.9	-0.56	- 2.5	0.6/27.9	62542
2004 CF ₁₀₀	2009 10 26.9	02 05.35 +01 02.9 19.6	-1.00	- 5.0	4.6/23.8	14712
2005 UJ ₄₁₆	2009 10 26.9	02 05.37 +07 43.9 19.7	-0.89	- 6.0	1.8/25.6	62453
2002 RW ₂₅₂	2009 10 26.9	02 05.43 +20 24.3 19.8	-1.06	- 4.3	3.5/29.0	18020
2004 NV ₈	2009 10 27.0	02 05.39 +33 44.0 20.0	-1.07	- 4.4	7.0/02.3	58479
2004 TV ₈₈	2009 10 27.0	02 05.39 +16 48.9 20.0	-0.99	- 0.9	1.4/28.0	62405
2004 XS ₁₈₁	2009 10 27.0	02 05.41 +25 50.6 18.9	-0.93	- 2.2	4.4/30.5	62415
2001 XM ₁₂₂	2009 10 27.0	02 05.43 +11 10.9 19.4	-0.92	- 5.1	0.6/26.6	58421
2004 HH ₅₆	2009 10 27.0	02 05.44 +21 22.3 20.3	-0.97	- 6.8	3.1/29.6	12880
2004 EK ₁₅	2009 10 27.0	02 05.45 -00 24.6 19.5	-1.03	- 2.7	5.1/23.8	12870
2000 BA ₂₅	2009 10 27.0	02 05.45 +00 45.3 20.0	-0.99	- 5.2	4.3/23.7	40086
1996 TM	2009 10 27.0	02 05.48 +19 06.6 19.6	-1.23	- 0.1	3.0/28.4	62293
2006 AH ₁₁	2009 10 27.0	02 05.50 -12 09.6 20.1	-0.80	- 2.1	6.6/19.9	03831
2005 NS ₁₂₄	2009 10 27.0	02 05.51 -00 40.6 20.5	-0.91	- 7.4	5.3/23.0	40136
2002 JB ₁₀₃	2009 10 27.0	02 05.52 +16 07.6 21.0	-0.76	- 5.3	0.9/28.1	20766
2001 UT ₂₂₃	2009 10 27.0	02 05.53 +03 11.9 19.6	-0.88	- 5.2	4.1/24.3	61841
2002 GZ ₁₃₈	2009 10 27.0	02 05.54 +12 34.8 20.2	-0.93	- 2.3	0.0/27.0	62347
2002 RG ₇₉	2009 10 27.0	02 05.55 +19 17.6 18.7	-1.08	- 2.6	3.1/28.7	62354
2002 HX ₁₇	2009 10 27.0	02 05.56 +16 41.4 20.7	-0.55	- 2.1	0.7/28.2	97598
2005 WU ₅₁	2009 10 27.0	02 05.58 +19 29.9 19.5	-0.89	- 6.1	2.5/29.0	19670
2002 VC ₆₃	2009 10 27.0	02 05.58 +22 48.9 18.3	-0.99	- 5.4	4.8/30.0	62361
2006 ET ₉	2009 10 27.0	02 05.65 +08 30.6 21.4	-0.77	- 4.1	1.2/25.9	02304
2007 EQ ₁₆₆	2009 10 27.0	02 05.69 +00 09.5 21.2	-0.90	- 4.0	3.8/23.6	19436
2005 VE ₁₃₆	2009 10 27.0	02 05.70 +07 59.3 20.9	-0.93	- 3.2	1.7/25.9	61985
2005 UD ₁₈₂	2009 10 27.0	02 05.71 +03 37.7 19.6	-1.12	+ 1.8	3.8/25.3	62448
2008 HD ₁₆	2009 10 27.0	02 05.71 +07 57.9 20.5	-0.78	- 8.5	1.5/25.6	62536
2005 QT ₄₆	2009 10 27.0	02 05.72 +09 30.5 20.7	-1.00	- 4.7	1.2/26.2	62427
2004 GB ₈	2009 10 27.0	02 05.74 +15 50.1 21.4	-1.01	- 4.9	1.1/27.9	12343
1994 SO ₇	2009 10 27.0	02 05.78 +08 38.3 21.1	-1.00	- 6.2	1.5/26.0	62291
2005 XC ₁₈	2009 10 27.0	02 05.80 +01 38.1 20.0	-0.86	- 3.2	3.8/24.1	58521
2000 EU ₁₁₅	2009 10 27.0	02 05.82 +15 50.0 20.2	-1.03	- 4.6	1.1/27.9	19522
2002 AU ₁₉₀	2009 10 27.0	02 05.82 +06 49.4 19.5	-0.91	- 3.6	2.4/25.5	62338
2005 EF ₃₈	2009 10 27.0	02 05.88 +43 20.3 19.8	-1.89	+ 7.4	15.4/31.7	60822
2004 PZ ₃₉	2009 10 27.1	02 05.77 +26 50.7 19.2	-0.99	- 3.9	4.9/31.1	18079
2008 SU ₂₇₇	2009 10 27.1	02 05.78 +13 38.9 19.6	-0.53	- 3.0	0.2/27.4	62543

2005 UF ₂₃₈	2009 10 27.1	02 05.78 +04 41.0 20.8	-0.90	- 4.0	3.0/25.0	61971
2004 RC ₁₀₃	2009 10 27.1	02 05.80 +23 11.3 20.9	-0.95	- 4.4	3.2/30.1	32984
2001 YD ₃₃	2009 10 27.1	02 05.80 +22 34.8 18.8	-0.95	- 5.3	3.6/30.0	16194
2005 YD ₄₈	2009 10 27.1	02 05.82 -09 23.0 19.2	-0.81	- 3.7	7.8/20.7	62469
2001 UK ₉₉	2009 10 27.1	02 05.83 +09 06.6 19.4	-0.99	- 2.5	1.3/26.2	62325
2005 SZ ₂₀₃	2009 10 27.1	02 05.83 +11 09.6 20.7	-0.95	- 6.1	0.6/26.7	21604
2005 XA ₁₁₁	2009 10 27.1	02 05.85 +01 08.1 19.6	-0.78	- 5.4	4.5/23.6	98031
1998 DL ₂₉	2009 10 27.1	02 05.85 +12 18.8 20.3	-0.86	- 6.2	0.1/27.0	62294
2003 RJ ₁₃	2009 10 27.1	02 05.85 +26 54.8 20.1	-0.90	- 2.6	4.4/31.0	41792
2004 LX ₂₉	2009 10 27.1	02 05.86 +31 15.5 19.8	-0.98	- 6.5	6.2/01.9	18074
2005 NE ₁₇	2009 10 27.1	02 05.88 +16 31.2 19.2	-0.98	- 5.7	1.7/28.2	62422
2005 ML ₂₀	2009 10 27.1	02 05.89 +17 33.2 20.2	-1.05	- 5.9	1.8/28.4	40134
2005 ME ₈	2009 10 27.1	02 05.90 +24 59.6 20.1	-1.07	- 6.2	4.8/30.6	62421
2004 EJ ₉₁	2009 10 27.1	02 05.90 +10 11.8 21.1	-1.00	- 4.5	0.9/26.5	62388
2000 SO ₃₁₇	2009 10 27.1	02 05.91 +31 09.7 19.7	-1.00	- 7.2	6.2/02.1	40667
2005 NG ₈₄	2009 10 27.1	02 05.92 +05 56.0 19.4	-0.96	- 3.5	3.2/25.4	61922
2001 TV ₁₉₅	2009 10 27.1	02 05.96 -08 13.3 19.5	-1.01	+ 0.5	9.0/22.1	97487
2005 YK ₂₃₂	2009 10 27.1	02 05.99 +14 28.7 21.0	-0.90	- 4.0	0.6/27.6	09484
2007 GV ₄₅	2009 10 27.1	02 06.00 +08 53.3 19.8	-0.76	- 5.5	1.2/26.0	62519
1995 OP ₁₅	2009 10 27.1	02 06.00 -00 07.4 19.8	-0.78	- 7.4	5.0/23.1	19509
2002 VG ₉₅	2009 10 27.1	02 06.01 +17 26.1 17.7	-0.79	- 3.2	2.7/28.5	62362
2002 NZ ₂₀	2009 10 27.1	02 06.05 -06 15.4 20.9	-0.71	- 3.9	4.6/21.6	43156
2005 VO ₄₃	2009 10 27.1	02 06.06 +06 31.3 18.7	-1.02	- 0.1	2.6/25.8	62457
2006 AK ₇₈	2009 10 27.1	02 06.06 +10 46.6 20.7	-0.82	- 4.4	0.6/26.6	20835
2008 LW ₄	2009 10 27.1	02 06.08 +17 52.3 20.1	-0.87	- 5.4	1.7/28.6	42979
2005 UC ₂₇₂	2009 10 27.1	02 06.13 +10 15.6 19.1	-0.85	- 6.8	1.0/26.4	62451
2004 VR ₄₀	2009 10 27.1	02 06.16 +04 05.5 20.6	-0.87	- 1.5	2.6/25.0	02225
2007 CZ ₅₉	2009 10 27.1	02 06.16 +11 53.0 20.6	-0.96	- 6.7	0.3/26.9	62504
2005 VX ₅₅	2009 10 27.1	02 06.17 +17 39.0 20.7	-0.93	- 5.0	1.5/28.5	62457
2007 EP ₁₁	2009 10 27.1	02 06.18 +17 32.9 21.2	-0.96	- 3.9	1.5/28.5	59790
2002 JZ ₄₅	2009 10 27.2	02 06.15 +18 44.0 19.4	-0.78	- 7.8	1.6/29.1	59679
2004 RB ₁₇₈	2009 10 27.2	02 06.15 +23 17.3 19.3	-0.89	- 6.0	3.4/30.4	18091
2000 SG ₁₇₃	2009 10 27.2	02 06.19 +31 53.0 18.7	-0.92	- 9.1	7.5/03.0	62308
2006 HN ₄	2009 10 27.2	02 06.25 +06 55.7 20.4	-0.72	- 7.7	1.6/25.4	62483
2003 QD ₇₇	2009 10 27.2	02 06.26 -01 19.0 18.9	-0.65	-10.6	4.9/22.2	61879
2005 EH ₁₃₀	2009 10 27.2	02 06.28 +50 33.4 20.2	-1.76	+ 2.5	18.5/05.6	09134
2004 EB ₈₂	2009 10 27.2	02 06.29 +10 31.5 18.8	-1.12	- 1.8	1.0/26.7	62388
2002 LB ₁₅	2009 10 27.2	02 06.34 +33 49.6 19.7	-0.84	- 8.0	5.8/03.5	58430
2003 FU ₃₂	2009 10 27.2	02 06.40 +20 09.7 20.7	-0.59	- 1.3	1.4/29.3	49863
2001 VT ₁₀₇	2009 10 27.2	02 06.40 +24 13.2 18.6	-0.93	- 7.8	4.0/30.8	62328
2006 BQ ₁₁₅	2009 10 27.2	02 06.44 -01 29.2 20.0	-0.75	- 5.6	4.5/22.9	21173
2008 SK ₅₀	2009 10 27.2	02 06.44 +26 38.2 20.9	-0.62	- 1.1	2.5/31.2	50236
2005 MD ₄₄	2009 10 27.2	02 06.45 +08 04.8 20.9	-1.03	- 5.1	1.7/26.0	62422
2005 WA ₁₂₆	2009 10 27.2	02 06.47 +11 14.6 20.0	-0.94	- 3.8	0.6/26.9	16340
2007 HM ₅₉	2009 10 27.2	02 06.48 +10 34.8 20.2	-0.85	- 2.0	0.6/26.7	62065
2004 FQ ₁₀₇	2009 10 27.2	02 06.54 +12 25.8 19.5	-0.97	- 7.5	0.1/27.2	62389
2000 FA ₄₃	2009 10 27.2	02 06.55 +09 27.4 19.7	-0.97	- 4.4	1.1/26.4	62304
2004 GL ₅₈	2009 10 27.2	02 06.55 +14 18.4 21.0	-1.04	- 3.1	0.6/27.7	62391
2006 BX ₃₈	2009 10 27.2	02 06.57 +05 21.4 19.0	-0.89	- 3.9	3.0/25.3	41840
2001 VN ₁₁₈	2009 10 27.2	02 06.58 +17 44.5 17.9	-0.87	- 5.3	2.2/28.7	62328
2005 CL ₃₈	2009 10 27.3	02 06.54 +50 50.6 18.9	-1.04	- 6.1	12.2/10.2	76670

2007 DO ₉₀	2009 10 27.3	02 06.58 +31 34.9 18.6	-1.16	- 0.8	7.6/01.1	20851
2008 EP ₁₃₆	2009 10 27.3	02 06.58 +11 20.8 20.3	-1.04	- 4.6	0.6/26.9	39004
2004 SL ₁₁	2009 10 27.3	02 06.59 +06 44.6 18.5	-0.97	0.0	2.4/26.0	61900
2005 JS ₆₉	2009 10 27.3	02 06.59 +08 56.8 20.9	-1.13	- 3.7	1.6/26.4	42756
2001 XR ₁₄₃	2009 10 27.3	02 06.59 +03 01.1 18.7	-0.91	+ 0.1	4.8/25.1	62332
2005 QX ₁₂	2009 10 27.3	02 06.62 +21 09.3 20.4	-1.04	- 6.1	3.2/30.0	12367
2004 XA ₄₂	2009 10 27.3	02 06.64 +05 00.9 19.2	-0.82	- 2.7	2.7/25.3	62414
2001 WC ₄₂	2009 10 27.3	02 06.68 +06 49.9 20.1	-0.96	- 3.2	2.3/25.8	62329
2008 QG ₄₂	2009 10 27.3	02 06.70 +11 19.9 20.7	-0.51	- 2.3	0.3/26.9	62541
2007 BU ₇₄	2009 10 27.3	02 06.71 -01 09.2 21.6	-0.84	- 4.9	4.3/23.4	20520
2001 XF ₁₀₄	2009 10 27.3	02 06.73 +24 13.9 19.9	-1.00	- 6.5	3.6/30.0	10838
2004 CS ₁₆	2009 10 27.3	02 06.73 +21 34.5 21.9	-0.68	- 2.8	1.9/29.9	62491
2001 UA ₁₈₈	2009 10 27.3	02 06.73 +00 52.0 18.9	-0.89	- 4.6	5.3/23.9	62326
2003 JP ₁₃	2009 10 27.3	02 06.74 +05 20.2 20.3	-0.81	- 5.8	2.2/25.2	62372
2004 XM ₃₃	2009 10 27.3	02 06.74 +13 00.8 19.0	-0.80	- 4.4	0.1/27.4	20813
2008 RF ₁₄	2009 10 27.3	02 06.74 +13 55.0 20.7	-0.49	- 3.5	0.2/27.7	50162
2004 EG ₂₁	2009 10 27.3	02 06.75 +14 05.1 20.6	-0.99	- 5.3	0.4/27.7	40684
2004 FD ₈₃	2009 10 27.3	02 06.81 +13 23.7 19.9	-1.00	- 4.7	0.2/27.5	62389
2005 QY ₁₃₃	2009 10 27.3	02 06.82 +15 01.4 20.6	-1.03	- 4.8	0.9/27.9	90236
2008 CC ₇₃	2009 10 27.3	02 06.87 -39 05.5 19.2	-1.06	+ 1.5	25.1/10.0	38146
2004 JJ ₁₃	2009 10 27.3	02 06.90 -15 02.6 20.7	-0.84	- 9.5	9.3/18.1	60803
2008 HQ ₅₄	2009 10 27.3	02 06.94 +07 39.2 21.3	-0.97	- 4.4	1.8/26.0	40218
2003 GC ₃₃	2009 10 27.3	02 06.94 +10 48.5 19.6	-0.50	- 3.5	0.4/26.8	62371
2003 TG ₃₉	2009 10 27.3	02 06.96 +18 00.1 19.7	-0.75	- 6.5	1.6/29.0	42660
1998 HG ₂₉	2009 10 27.3	02 06.96 +18 34.4 20.5	-1.12	- 4.7	2.1/28.9	10692
2007 EL ₂₄	2009 10 27.4	02 06.90 +07 34.4 19.8	-0.84	- 4.1	1.7/26.0	62510
2005 YN ₇₂	2009 10 27.4	02 06.91 +04 28.3 20.8	-0.88	- 3.0	2.8/25.2	62469
2007 ET ₁₁₁	2009 10 27.4	02 06.91 +07 33.7 20.3	-0.85	- 4.3	1.8/26.0	62513
1999 XX ₂₁₇	2009 10 27.4	02 06.92 -04 33.9 20.4	-1.04	- 3.4	6.6/22.8	43102
2002 CQ ₁₃₈	2009 10 27.4	02 06.92 +20 12.2 19.9	-0.95	- 6.2	2.7/29.5	60759
2004 VY ₃₇	2009 10 27.4	02 06.93 +06 57.4 20.6	-0.92	- 0.6	2.1/26.0	61911
2004 RB ₄₄	2009 10 27.4	02 06.97 +10 19.9 19.5	-0.76	- 8.7	1.0/26.6	61895
2003 FD ₁₃₀	2009 10 27.4	02 07.02 +01 11.3 20.4	-0.87	- 3.9	3.6/24.3	40114
2008 RG ₁₉	2009 10 27.4	02 07.03 +21 44.2 20.2	-0.55	- 2.3	1.6/30.1	58610
2001 CA ₁	2009 10 27.4	02 07.04 -00 06.8 20.2	-0.49	- 2.5	2.2/23.5	48008
2008 GS ₁	2009 10 27.4	02 07.05 +11 29.1 20.3	-0.90	- 6.5	0.4/27.0	62532
2003 SU ₂₆₁	2009 10 27.4	02 07.08 +21 58.7 18.8	-0.82	- 0.7	4.0/29.8	57972
2005 UY ₂₆	2009 10 27.4	02 07.08 +14 33.4 19.2	-0.97	- 3.9	0.7/27.9	62443
2006 DQ ₁₆₆	2009 10 27.4	02 07.09 +20 43.3 20.2	-0.91	- 1.2	2.5/29.4	09528
2003 SA ₁₇₅	2009 10 27.4	02 07.11 +10 35.9 20.0	-0.78	- 4.3	0.7/26.8	58455
2005 YX ₁₄₈	2009 10 27.4	02 07.15 +09 37.6 19.9	-0.90	- 2.8	1.2/26.6	62471
2006 XN ₄₉	2009 10 27.4	02 07.19 -04 48.4 19.5	-0.95	- 2.5	8.1/23.0	60883
2002 BT ₂₃	2009 10 27.4	02 07.20 +33 23.2 19.6	-1.13	- 1.1	7.5/01.6	62339
2005 UF ₂₂₈	2009 10 27.4	02 07.23 +14 08.0 21.2	-0.89	- 8.3	0.4/27.9	22524
2002 CY ₁₈₃	2009 10 27.4	02 07.24 +23 43.5 20.3	-0.96	- 3.5	3.7/30.4	75292
2007 HL ₆₁	2009 10 27.4	02 07.25 +05 38.8 21.4	-0.80	- 6.2	2.2/25.3	31530
2005 WY ₂₆	2009 10 27.4	02 07.26 +17 29.8 18.8	-0.89	- 5.8	1.9/28.8	97982
2005 BO ₂	2009 10 27.4	02 07.26 +43 14.0 19.1	-2.05	+10.1	16.1/31.0	62416
2003 BB ₇₇	2009 10 27.4	02 07.28 +56 21.6 20.8	-1.49	- 2.2	11.4/12.0	47241
2005 VL ₅₄	2009 10 27.4	02 07.30 +06 21.0 20.8	-0.91	- 4.5	2.2/25.7	62457
2005 TW ₇₁	2009 10 27.4	02 07.32 +28 45.9 18.8	-1.38	+ 5.4	7.7/30.2	97857

2003 HN ₂₄	2009 10 27.4	02 07.32 +10 59.4 19.9	-0.51	- 4.0	0.4/26.9	61878
2008 JG ₃₅	2009 10 27.4	02 07.32 -18 20.5 20.9	-0.75	- 5.7	9.4/17.6	42977
1998 KV	2009 10 27.4	02 07.33 +19 56.0 20.7	-0.85	- 5.9	2.1/29.6	19511
2004 CT ₁₀₇	2009 10 27.5	02 07.28 +19 22.9 20.8	-1.04	- 4.9	2.3/29.3	40120
2003 SN ₁₆	2009 10 27.5	02 07.30 +13 17.5 19.9	-0.74	- 6.7	0.1/27.6	62375
2005 WW ₁₈₁	2009 10 27.5	02 07.31 -00 44.4 19.0	-0.95	- 1.0	5.9/24.2	62464
2004 HD ₆₅	2009 10 27.5	02 07.31 +15 29.2 21.5	-0.99	- 4.9	0.9/28.2	12880
2008 JA ₂₀	2009 10 27.5	02 07.36 +12 52.0 20.5	-0.99	- 5.5	0.0/27.5	62539
2005 VV ₁₂₅	2009 10 27.5	02 07.38 +11 21.9 21.5	-0.97	- 5.2	0.5/27.1	58519
2003 BP ₉₀	2009 10 27.5	02 07.45 -13 16.0 19.0	-0.86	- 5.6	11.2/18.8	62368
2007 EG ₉₆	2009 10 27.5	02 07.50 +06 40.9 21.8	-0.73	- 6.1	1.7/25.7	21196
2008 FP ₅	2009 10 27.5	02 07.51 +09 25.2 20.3	-1.02	- 4.2	1.3/26.7	62529
2005 SU ₂₇₃	2009 10 27.5	02 07.55 +17 00.1 20.8	-1.03	- 3.9	1.6/28.6	62438
2007 CZ ₄₀	2009 10 27.5	02 07.55 +06 59.0 21.2	-0.87	- 5.0	1.8/25.9	16067
2005 QE ₄₄	2009 10 27.5	02 07.57 +22 52.3 19.1	-1.12	- 2.2	4.5/30.1	57425
2005 WG ₇₇	2009 10 27.5	02 07.58 +13 18.4 19.1	-0.94	- 3.3	0.2/27.7	62462
2003 GM ₁₈	2009 10 27.5	02 07.59 +14 48.6 21.8	-0.92	- 4.3	0.6/28.1	22434
2008 CC	2009 10 27.5	02 07.59 -38 44.2 19.8	-1.23	+ 4.1	24.8/11.6	43293
2005 XF ₅₉	2009 10 27.5	02 07.59 +13 47.2 20.1	-0.90	- 4.0	0.3/27.8	62466
2006 BO ₁₆₀	2009 10 27.5	02 07.62 +03 48.7 19.2	-0.87	- 3.3	3.6/25.1	62010
2002 GK ₈₆	2009 10 27.5	02 07.62 -03 45.0 19.9	-0.73	- 8.1	4.9/22.2	59679
2004 UK ₇	2009 10 27.5	02 07.63 +18 35.4 19.2	-0.80	- 7.1	1.9/29.3	17536
2002 FV ₃₁	2009 10 27.5	02 07.64 +04 51.2 21.1	-0.84	- 4.5	2.4/25.3	62345
2007 DL ₃₇	2009 10 27.5	02 07.65 +18 37.1 20.0	-0.94	- 4.0	2.0/29.1	19703
2003 ES	2009 10 27.5	02 07.66 +27 07.5 21.0	-1.02	- 2.4	4.2/31.3	20301
2004 BX ₁₀₈	2009 10 27.5	02 07.67 +11 52.5 19.7	-1.08	- 3.3	0.4/27.3	62383
1998 RY ₄₅	2009 10 27.5	02 07.68 +21 34.2 18.9	-0.87	- 3.0	3.3/30.0	01970
2004 VK ₅₅	2009 10 27.5	02 07.68 +37 40.8 18.3	-2.17	+16.8	14.9/28.5	62412
2006 DT ₁₄₂	2009 10 27.5	02 07.69 +15 29.6 18.8	-0.87	- 2.2	0.9/28.3	01420
2007 HY ₂₆	2009 10 27.5	02 07.71 +10 46.2 19.5	-0.76	- 5.9	0.7/27.0	62520
2005 MW ₄₄	2009 10 27.5	02 07.72 +12 18.8 19.1	-0.90	- 8.8	0.3/27.4	62422
2003 SL ₂₀₃	2009 10 27.6	02 07.69 +12 01.5 19.9	-0.81	- 3.7	0.3/27.4	62376
2008 FB ₁₀₄	2009 10 27.6	02 07.69 -01 15.7 18.2	-1.11	+ 4.9	6.5/25.4	40206
2007 MS ₄	2009 10 27.6	02 07.69 +15 24.5 19.6	-0.76	- 6.7	0.7/28.4	41876
2003 DL ₇₀	2009 10 27.6	02 07.70 +02 41.9 19.3	-0.54	- 2.1	2.0/24.6	62370
2007 DS ₆₅	2009 10 27.6	02 07.72 +09 26.6 21.0	-0.86	- 5.7	1.1/26.6	57121
2008 RK ₁₂₅	2009 10 27.6	02 07.74 +10 10.8 19.6	-0.52	- 3.3	0.5/26.8	62101
2007 EN ₉₈	2009 10 27.6	02 07.75 +13 01.8 21.3	-0.91	- 4.1	0.0/27.6	62512
2004 JR ₄₃	2009 10 27.6	02 07.80 +02 38.7 19.7	-0.95	- 3.6	3.8/25.0	60804
2007 DW ₄₅	2009 10 27.6	02 07.80 +07 01.9 20.6	-0.94	- 6.9	2.2/25.9	62506
2003 QF ₁₀₁	2009 10 27.6	02 07.83 +24 26.5 19.4	-0.90	- 2.5	3.7/30.7	10981
1999 TV ₁₆₉	2009 10 27.6	02 07.84 +21 04.7 19.1	-1.00	- 0.7	2.8/29.6	58396
2008 HN ₃	2009 10 27.6	02 07.85 +05 16.8 20.3	-1.07	- 2.3	3.0/25.8	39083
2002 JM ₁₂₈	2009 10 27.6	02 07.86 +09 01.1 19.8	-0.76	- 6.8	1.2/26.4	62348
2004 VT ₆₅	2009 10 27.6	02 07.88 +01 36.4 20.3	-0.89	- 0.9	3.7/24.9	20812
2007 FJ ₃₀	2009 10 27.6	02 07.88 +09 36.9 20.5	-0.81	- 6.2	1.1/26.7	20860
2002 CM ₈₂	2009 10 27.6	02 07.89 +24 42.4 20.5	-0.97	- 3.1	3.9/30.8	69195
2003 FD ₆₆	2009 10 27.6	02 07.92 +07 42.3 21.4	-0.87	- 5.2	1.6/26.2	16250
2008 GN	2009 10 27.6	02 07.93 +12 55.7 20.5	-1.00	- 5.4	0.0/27.7	41588
2006 DF ₁₄₁	2009 10 27.6	02 07.98 +12 49.2 19.5	-0.87	- 2.3	0.0/27.6	01419
1997 TS ₁₂	2009 10 27.6	02 07.99 +15 15.2 19.1	-0.93	- 4.4	1.0/28.3	54045

2007 EM ₂₂₀	2009 10 27.6	02 08.03 +12 50.0 18.9	-0.75	- 7.2	0.0/27.6	62516
2007 EY ₁₈₀	2009 10 27.6	02 08.04 +09 39.7 20.7	-0.84	- 9.3	1.2/26.6	21673
2006 BZ ₂₃₃	2009 10 27.6	02 08.08 +29 27.7 21.9	-0.83	- 3.0	3.9/01.4	56040
2005 UZ ₆₃	2009 10 27.6	02 08.08 +08 38.1 20.4	-0.93	- 3.5	1.5/26.6	62445
2001 EQ ₁₇	2009 10 27.6	02 08.10 -02 12.5 19.4	-1.41	+ 2.7	6.0/25.0	60736
2005 PJ ₁₆	2009 10 27.6	02 08.10 +18 51.4 20.8	-1.11	- 4.3	2.1/29.2	38048
2002 AA ₁₃₀	2009 10 27.6	02 08.14 -22 32.7 20.5	-1.20	+ 2.9	11.7/19.2	21311
2005 SE ₂₅₀	2009 10 27.7	02 08.08 +15 48.7 19.1	-1.08	- 1.7	1.2/28.4	62437
2005 WM ₁₇	2009 10 27.7	02 08.08 -02 12.9 19.8	-0.97	- 0.5	5.0/24.2	22803
2006 WF ₁₁	2009 10 27.7	02 08.09 +19 07.5 19.2	-1.09	- 4.0	3.0/29.3	22859
2004 XQ ₈₈	2009 10 27.7	02 08.12 +12 00.3 19.2	-0.82	- 3.5	0.3/27.5	40691
2005 UT ₂₃₇	2009 10 27.7	02 08.13 +04 29.3 19.3	-0.92	- 3.4	3.1/25.5	62450
2000 WX ₇₃	2009 10 27.7	02 08.13 +16 48.3 19.2	-0.93	- 3.0	1.5/28.7	62310
2006 GZ ₄₀	2009 10 27.7	02 08.13 +02 55.8 18.6	-1.02	+ 1.9	3.3/25.7	01594
2006 BZ ₁₆₆	2009 10 27.7	02 08.14 -03 43.4 18.7	-0.76	- 5.2	5.9/22.7	59771
2006 YZ ₁₈	2009 10 27.7	02 08.14 +11 26.0 20.0	-1.05	- 3.7	0.6/27.3	56087
2003 SB ₃₂₀	2009 10 27.7	02 08.15 +25 48.3 20.6	-0.91	- 2.2	3.8/31.1	08755
2007 GJ ₂₈	2009 10 27.7	02 08.16 +03 57.3 20.3	-0.72	- 6.0	2.6/25.0	62518
2000 SJ ₁₉₁	2009 10 27.7	02 08.16 +09 21.5 18.2	-0.93	- 0.6	1.7/26.9	62308
2003 RT ₁₉	2009 10 27.7	02 08.16 +17 07.6 19.0	-0.82	- 3.7	1.3/28.9	62374
2002 AL ₁₃₇	2009 10 27.7	02 08.16 -22 25.1 19.0	-0.89	- 1.4	14.0/16.3	97551
2004 RA ₂₄₅	2009 10 27.7	02 08.19 +14 02.7 20.1	-0.90	- 3.6	0.4/28.0	62400
2005 YC ₇₂	2009 10 27.7	02 08.21 +18 53.7 20.3	-0.92	- 4.1	2.2/29.3	18168
2007 EC ₁₆₉	2009 10 27.7	02 08.21 +09 56.4 21.7	-0.80	- 3.9	0.8/26.9	20857
2004 VF ₂₂	2009 10 27.7	02 08.27 +02 01.1 18.8	-0.88	- 1.0	3.6/25.1	62411
2001 KY ₅₀	2009 10 27.7	02 08.28 +11 24.9 20.8	-0.99	- 6.1	0.5/27.3	40092
2000 YV ₁₂₇	2009 10 27.7	02 08.28 +28 24.4 19.6	-0.90	- 4.8	4.9/01.3	62311
1996 RF ₁₄	2009 10 27.7	02 08.29 +19 48.4 20.8	-0.55	- 2.0	1.2/29.7	45821
2007 DQ ₆₀	2009 10 27.7	02 08.30 +11 13.1 21.1	-0.84	- 3.9	0.5/27.3	22878
2001 WP ₇₂	2009 10 27.7	02 08.36 +07 13.9 18.9	-0.94	- 1.8	2.7/26.4	62330
2007 HB ₈₀	2009 10 27.7	02 08.39 +01 08.5 20.5	-0.85	- 1.7	3.5/24.8	59794
2005 UN ₁₀₉	2009 10 27.7	02 08.39 +13 47.3 19.3	-1.01	- 2.1	0.3/28.0	62446
2005 TH ₆₉	2009 10 27.7	02 08.41 +13 44.1 20.3	-1.02	- 3.5	0.3/28.0	62440
2007 EF ₂₃	2009 10 27.7	02 08.44 +09 23.7 19.8	-0.89	- 3.4	1.2/26.8	62510
1998 SF ₁₅₆	2009 10 27.7	02 08.44 +15 11.0 18.7	-1.04	- 3.3	1.0/28.3	62295
2004 RT ₁₈₄	2009 10 27.7	02 08.45 +12 18.9 19.2	-0.78	- 7.9	0.3/27.6	42711
2008 QK ₄₂	2009 10 27.7	02 08.45 +21 20.9 21.2	-0.55	- 2.7	1.6/30.3	58154
2001 UO ₉₉	2009 10 27.7	02 08.52 +07 14.6 19.2	-0.98	- 2.4	2.5/26.4	62325
2001 FW ₁₀₇	2009 10 27.7	02 08.54 +28 38.8 19.7	-1.18	- 4.0	6.4/31.9	12748
2000 RT ₁₀₆	2009 10 27.8	02 08.44 +06 57.6 20.4	-0.90	- 4.2	2.3/26.2	62307
2005 NU ₆₄	2009 10 27.8	02 08.47 +11 44.6 19.7	-0.99	- 6.5	0.5/27.5	62423
2008 HE ₃₁	2009 10 27.8	02 08.49 +11 03.3 20.4	-0.90	- 5.8	0.7/27.3	62536
2004 XF ₈₉	2009 10 27.8	02 08.52 +10 18.8 19.5	-0.84	- 1.9	0.8/27.1	62415
2009 SG ₆₉	2009 10 27.8	02 08.53 +04 53.3 19.1	-0.79	- 5.3	3.6/25.5	62210
2005 TS ₁₉₁	2009 10 27.8	02 08.54 +04 50.1 20.5	-1.01	- 0.4	2.7/26.0	11139
2005 UD ₆₄	2009 10 27.8	02 08.55 +04 41.7 19.3	-0.82	- 6.9	3.4/25.3	62445
2000 RJ ₄₉	2009 10 27.8	02 08.56 +13 53.0 19.3	-0.87	- 7.3	0.3/28.1	40666
2005 SN ₁₂₁	2009 10 27.8	02 08.57 +10 42.3 20.5	-0.96	- 5.3	0.8/27.2	40142
2002 UO ₂	2009 10 27.8	02 08.60 +49 40.0 18.3	-1.16	- 8.2	16.0/10.6	60775
2003 FD ₁₃₁	2009 10 27.8	02 08.64 -09 30.8 20.7	-0.84	- 4.4	6.9/21.3	18050
2008 HR ₆₇	2009 10 27.8	02 08.66 +12 51.9 21.5	-0.97	- 4.3	0.0/27.8	42974

2002 CV ₉₂	2009 10 27.8	02 08.68 +09 24.2 20.8	-0.91	- 4.5	1.3/26.9	62340
2003 FK ₆	2009 10 27.8	02 08.70 +22 16.4 20.3	-1.06	- 1.3	3.0/30.1	41788
1998 SW ₁₇₂	2009 10 27.8	02 08.71 +13 23.7 20.2	-0.81	- 4.5	0.1/28.0	40083
2005 VM ₃₇	2009 10 27.8	02 08.72 +13 01.5 17.9	-0.82	- 9.0	0.0/27.9	20823
2006 YD ₅₁	2009 10 27.8	02 08.73 +07 18.8 19.2	-0.98	- 3.1	2.8/26.4	62498
2007 DN ₅₁	2009 10 27.8	02 08.75 +31 45.5 20.5	-1.08	- 3.3	6.2/02.0	40708
2002 GE ₆₄	2009 10 27.8	02 08.76 +09 10.9 21.6	-0.79	- 3.9	1.0/26.8	19577
2007 CZ ₁	2009 10 27.8	02 08.76 -20 05.2 21.3	-0.80	- 4.4	9.0/17.6	17691
2002 PX ₁₇₃	2009 10 27.8	02 08.79 +23 08.1 20.4	-1.07	- 5.9	4.5/30.7	12251
2005 UU ₁₁₀	2009 10 27.8	02 08.84 +03 24.9 19.1	-1.16	+ 3.1	4.0/26.2	40149
2005 SP ₁₉₈	2009 10 27.8	02 08.86 +16 46.5 19.2	-0.96	- 3.5	1.8/28.9	62436
2001 XB ₆₀	2009 10 27.8	02 08.87 -11 34.8 18.8	-0.97	0.0	10.7/21.5	62331
1999 VQ ₁₁₅	2009 10 27.8	02 08.87 +06 35.7 18.8	-1.07	+ 0.6	3.3/26.6	39139
2005 QA ₄₄	2009 10 27.8	02 08.88 +07 08.4 21.2	-0.98	- 5.7	2.2/26.3	46301
2004 VN ₁₆	2009 10 27.8	02 08.88 -04 46.9 18.6	-1.85	+12.5	9.4/26.7	02224
2002 RW ₂₃₄	2009 10 27.8	02 08.89 +04 14.1 19.4	-0.97	- 8.0	3.8/25.3	62355
2005 VF ₁₂₂	2009 10 27.8	02 08.90 -36 54.8 19.5	-1.25	+ 4.9	18.1/12.9	62459
2005 YU ₂₄₉	2009 10 27.9	02 08.82 +05 35.9 20.2	-0.88	- 3.5	2.6/25.9	62473
2005 ST ₁₆₁	2009 10 27.9	02 08.84 +14 07.3 19.5	-0.92	- 5.9	0.5/28.2	62435
2005 AV ₅₄	2009 10 27.9	02 08.85 +56 02.7 19.4	-1.31	+ 0.5	15.4/11.5	58488
2004 BD ₃₃	2009 10 27.9	02 08.89 +19 18.2 20.4	-1.09	- 4.9	2.5/29.6	12863
2002 QX ₉₆	2009 10 27.9	02 08.89 +14 33.4 20.9	-1.11	- 4.3	0.6/28.3	62352
2002 NJ ₁₁	2009 10 27.9	02 08.90 +24 18.1 20.3	-1.13	- 7.4	4.5/31.2	35812
2002 RO ₈₃	2009 10 27.9	02 08.90 +06 53.0 19.1	-0.89	- 6.1	3.0/26.2	61861
2004 QN ₁₁	2009 10 27.9	02 08.91 +19 26.2 19.1	-1.02	- 1.5	2.4/29.5	62396
2004 PG ₈₀	2009 10 27.9	02 08.91 -08 52.7 20.3	-0.80	- 7.6	7.0/21.1	40126
2005 XV ₇₆	2009 10 27.9	02 08.93 +07 49.6 18.7	-1.09	+ 0.5	2.1/26.9	40158
2006 WR ₁₀	2009 10 27.9	02 08.94 +25 08.2 18.9	-1.09	- 5.8	5.6/31.3	60879
2004 BM ₁₀₈	2009 10 27.9	02 08.95 +02 14.8 19.2	-1.05	- 3.5	4.4/25.2	16261
2002 TD ₁₈₃	2009 10 27.9	02 08.98 +26 05.3 19.0	-1.12	- 4.4	5.4/31.4	62358
2003 SY ₈₈	2009 10 27.9	02 08.98 +06 00.0 19.9	-0.82	- 2.4	2.2/26.1	62375
2003 SM ₁₀₆	2009 10 27.9	02 09.04 +34 54.6 19.2	-0.99	- 2.3	6.5/03.3	43178
2007 DU ₆₈	2009 10 27.9	02 09.08 +19 51.7 19.7	-0.99	- 2.9	2.7/30.0	20540
2002 GM ₁₃₀	2009 10 27.9	02 09.08 +14 11.2 20.6	-0.83	- 4.8	0.3/28.3	62347
2006 EW ₁₆	2009 10 27.9	02 09.09 +10 10.4 20.8	-0.76	- 3.6	0.8/27.2	62482
2007 AW ₁₅	2009 10 27.9	02 09.15 -04 47.1 20.1	-0.97	- 4.8	6.9/23.0	62499
2005 UO ₁₀₃	2009 10 27.9	02 09.17 +12 57.1 19.1	-0.84	- 8.4	0.0/27.9	62446
1997 BR ₅	2009 10 27.9	02 09.24 +01 59.6 19.6	-0.98	- 6.0	4.3/24.9	62293
2005 YB ₁₇₄	2009 10 27.9	02 09.25 +22 00.1 19.2	-0.85	- 5.9	2.8/30.6	59769
2005 YL ₈₁	2009 10 27.9	02 09.26 +19 35.9 20.4	-0.90	- 5.1	2.3/29.8	98046
2007 ET ₁₇₂	2009 10 27.9	02 09.27 +15 41.3 20.4	-0.91	- 3.3	0.9/28.7	62515
2004 TK ₃₀₁	2009 10 28.0	02 09.22 +27 49.4 19.2	-0.99	- 1.7	5.3/31.8	95574
2004 RX ₂₀₃	2009 10 28.0	02 09.23 +51 18.9 19.6	-1.28	- 3.1	11.7/10.3	40688
2007 GK ₇	2009 10 28.0	02 09.26 +07 54.0 20.5	-0.75	- 6.2	1.5/26.5	62518
2009 SA ₁₄₇	2009 10 28.0	02 09.27 +06 19.3 19.7	-0.80	- 5.4	2.6/26.1	62223
2006 BZ ₁₅₇	2009 10 28.0	02 09.29 +13 14.0 20.3	-0.81	- 3.8	0.1/28.1	62478
2005 VM ₈₄	2009 10 28.0	02 09.29 +16 06.5 19.8	-0.85	- 6.2	1.4/28.9	01107
2005 UM ₂₃₈	2009 10 28.0	02 09.29 +05 20.6 20.0	-0.88	- 5.0	2.9/25.9	62450
2006 BP ₅₁	2009 10 28.0	02 09.29 +17 37.9 21.3	-0.81	- 3.7	1.3/29.3	03842
2008 KX ₁₁	2009 10 28.0	02 09.30 +04 06.4 20.6	-0.82	- 7.7	2.7/25.3	62539
2004 SB ₄₂	2009 10 28.0	02 09.30 +10 37.9 19.8	-0.83	- 6.4	0.8/27.3	62402

2000 UW ₂₇	2009 10 28.0	02 09.32 +09 43.3 19.1	-0.87 - 3.9	1.3/27.1	62309
2004 VB ₃₁	2009 10 28.0	02 09.33 +04 00.5 19.7	-0.88 - 1.4	2.8/25.8	41821
2005 YT ₂₀₀	2009 10 28.0	02 09.34 +18 39.1 21.4	-0.91 - 4.6	2.0/29.6	98067
2006 BP ₁₄₁	2009 10 28.0	02 09.37 +25 15.3 19.9	-0.91 - 3.3	4.0/31.4	19280
2005 VE ₁₁₂	2009 10 28.0	02 09.38 +16 17.6 19.3	-0.93 - 3.8	1.4/28.9	62459
2000 QN ₂₉	2009 10 28.0	02 09.39 +28 37.2 18.1	-1.13 + 0.7	6.7/31.6	62305
1998 SV ₅₀	2009 10 28.0	02 09.41 +15 23.4 19.7	-0.84 - 3.3	0.8/28.7	62295
2002 JV ₁₂₄	2009 10 28.0	02 09.43 +02 08.5 22.0	-0.82 - 5.2	2.9/24.9	40675
2003 YL ₃₂	2009 10 28.0	02 09.43 +00 23.1 20.3	-0.65 - 2.3	2.8/24.5	77757
2005 SF ₁₇₇	2009 10 28.0	02 09.44 +14 54.8 19.4	-0.92 - 7.5	0.7/28.6	62436
2007 EO ₁₆₉	2009 10 28.0	02 09.44 +09 27.0 21.0	-0.79 - 4.6	1.0/27.0	41867
2003 GH ₁₃	2009 10 28.0	02 09.45 +11 11.8 21.0	-0.88 - 4.5	0.5/27.5	62371
2005 YK ₁₅₃	2009 10 28.0	02 09.51 +17 47.2 18.7	-0.93 - 3.5	2.0/29.3	62471
2004 EA ₈₄	2009 10 28.0	02 09.52 +09 57.6 21.0	-0.99 - 4.8	1.1/27.2	12872
2008 KK ₂₃	2009 10 28.0	02 09.52 -06 44.0 21.2	-0.96 - 1.1	6.4/23.4	40775
2005 YZ ₂₇	2009 10 28.0	02 09.56 +14 21.7 20.0	-0.90 - 4.0	0.5/28.4	20829
2005 WB ₆₉	2009 10 28.0	02 09.60 +28 48.4 18.2	-0.85 -10.7	6.6/02.5	62461
2006 DN ₆	2009 10 28.0	02 09.62 +00 42.4 19.2	-0.77 - 5.9	3.9/24.3	60861
2000 WB ₁₅₀	2009 10 28.0	02 09.62 +14 13.7 20.0	-0.97 - 2.1	0.4/28.4	62310
2002 KX ₃	2009 10 28.0	02 09.65 -20 34.8 21.6	-0.74 - 3.5	8.0/17.9	43155
2005 UH ₇₉	2009 10 28.0	02 09.65 +07 00.0 18.9	-0.78 - 9.7	2.6/26.1	61959
2004 RK ₁₃₁	2009 10 28.0	02 09.65 +12 22.8 20.2	-0.87 - 4.5	0.3/27.9	62398
2004 WP ₈	2009 10 28.0	02 09.65 +13 31.7 19.5	-0.82 - 5.3	0.1/28.2	47328
2005 MA ₆	2009 10 28.0	02 09.67 +06 44.4 19.4	-0.99 - 8.2	2.5/26.3	62421
2004 XW ₆	2009 10 28.0	02 09.69 +15 04.9 17.5	-0.95 - 0.3	0.8/28.6	62413
2005 CX ₇	2009 10 28.0	02 09.72 +50 42.6 19.5	-1.65 - 2.3	16.7/08.4	39755
2000 DY ₈₆	2009 10 28.1	02 09.61 +12 09.7 20.0	-1.02 - 3.5	0.3/27.9	62303
2005 WU ₁₇₈	2009 10 28.1	02 09.61 +08 05.7 19.2	-1.20 + 3.3	2.1/27.2	62464
2009 RE ₃₅	2009 10 28.1	02 09.62 +08 29.3 18.8	-0.72 -10.2	2.3/26.6	62191
2005 QK ₁₁₆	2009 10 28.1	02 09.63 +22 15.5 19.8	-1.09 - 3.6	3.6/30.5	39224
2007 EU ₁₉₆	2009 10 28.1	02 09.64 +15 55.4 20.2	-0.88 - 1.9	0.8/28.8	62515
2003 GZ ₂₅	2009 10 28.1	02 09.65 +26 17.0 19.4	-1.31 + 4.6	6.0/30.3	19598
2007 CM ₆₂	2009 10 28.1	02 09.67 +00 28.5 22.2	-0.82 - 4.8	3.4/24.5	41861
2001 XV ₉₆	2009 10 28.1	02 09.68 +25 53.6 17.1	-0.78 - 7.9	6.4/01.5	62332
2008 JG ₄	2009 10 28.1	02 09.69 +02 24.7 20.2	-0.79 - 5.4	3.6/25.1	62538
2008 GG ₁₂₉	2009 10 28.1	02 09.70 +08 42.7 20.9	-1.01 - 4.7	1.5/27.0	40764
2004 RW ₆₉	2009 10 28.1	02 09.76 +09 01.6 19.9	-0.85 - 4.7	1.5/27.0	62397
2005 EN ₃₂₄	2009 10 28.1	02 09.77 +14 53.5 20.1	-1.14 - 4.1	0.7/28.6	62418
2007 ER ₁₉₂	2009 10 28.1	02 09.78 +11 22.8 20.7	-0.88 - 4.3	0.6/27.7	62515
2005 LK ₂₆	2009 10 28.1	02 09.80 +07 20.0 20.7	-0.48 - 3.7	1.0/26.4	62420
2005 YJ ₂₂	2009 10 28.1	02 09.82 +08 48.2 19.4	-0.85 - 3.8	1.4/27.0	62468
2004 PZ ₈₆	2009 10 28.1	02 09.84 -03 56.0 20.0	-0.81 - 6.1	5.8/23.1	59728
2005 BG ₁₈	2009 10 28.1	02 09.87 +30 09.4 19.5	-0.94 - 1.8	6.1/01.7	73819
2004 RA ₄₆	2009 10 28.1	02 09.87 +17 33.6 19.5	-0.93 - 2.7	1.7/29.3	62397
2005 SC ₁₆₀	2009 10 28.1	02 09.88 +15 34.8 19.4	-1.00 - 3.6	1.1/28.8	62435
2005 NJ ₅₃	2009 10 28.1	02 09.88 +01 06.7 19.4	-0.95 - 6.5	5.2/24.7	62423
2002 FD ₃₈	2009 10 28.1	02 09.88 +24 03.0 19.9	-0.59 - 1.1	1.9/31.2	47210
2008 FD ₁₁₄	2009 10 28.1	02 09.90 +09 18.9 21.4	-1.00 - 5.3	1.4/27.2	39043
2005 WN ₂₆	2009 10 28.1	02 09.93 +10 15.3 20.3	-0.93 - 3.1	1.0/27.4	61987
2004 RQ ₃₉	2009 10 28.1	02 09.98 +05 26.1 20.1	-0.84 - 4.9	2.7/26.1	62397
2005 WH ₁₄₄	2009 10 28.1	02 10.04 -06 22.8 19.8	-0.95 - 2.9	6.5/22.9	96544

2001 XG ₈₉	2009 10 28.1	02 10.04 +01 57.3 19.5	-1.14 + 2.3	4.6/26.0	94344
2006 CO ₂₈	2009 10 28.1	02 10.05 -05 37.3 19.3	-0.77 - 4.3	6.3/22.8	62480
2005 NO ₁₉	2009 10 28.1	02 10.05 +12 02.9 19.5	-0.98 - 5.6	0.5/27.9	62422
2003 UZ ₂₄₅	2009 10 28.2	02 09.98 +16 40.3 18.8	-0.70 - 9.2	1.1/29.4	60790
2006 AT ₄₁	2009 10 28.2	02 09.99 +24 06.0 20.9	-0.82 - 4.8	3.0/31.4	01210
2004 XK ₉₂	2009 10 28.2	02 10.00 +03 37.1 19.4	-0.89 - 0.7	3.2/25.9	21161
2006 BN ₁₃₄	2009 10 28.2	02 10.01 -04 51.1 19.7	-0.77 - 3.5	5.3/23.2	62478
2003 MW ₃	2009 10 28.2	02 10.01 +00 02.9 21.3	-0.79 - 4.5	3.2/24.5	47250
2005 QG ₁₅₂	2009 10 28.2	02 10.02 +22 56.1 19.4	-1.07 - 2.9	4.2/30.7	18119
2004 RE ₇₁	2009 10 28.2	02 10.02 +13 53.0 19.4	-0.91 - 2.7	0.3/28.4	62397
2002 HZ ₁₃	2009 10 28.2	02 10.04 -29 02.5 19.5	-0.81 - 1.1	11.0/16.0	22703
2008 HA ₆₂	2009 10 28.2	02 10.07 +05 56.0 20.7	-1.01 - 6.4	2.7/26.2	41662
2002 TZ ₃₇₅	2009 10 28.2	02 10.08 +18 12.3 20.6	-1.16 - 3.3	1.9/29.5	62360
2008 JS ₃₃	2009 10 28.2	02 10.08 +06 20.4 21.1	-0.84 - 7.6	2.1/26.2	40772
2005 YR ₁₇	2009 10 28.2	02 10.08 +11 28.4 19.4	-0.87 - 6.6	0.7/27.7	62468
2001 CY ₄₈	2009 10 28.2	02 10.09 -00 23.7 20.5	-0.93 - 1.9	4.2/24.8	02028
2004 EC ₂₀	2009 10 28.2	02 10.11 +06 56.7 20.2	-0.94 - 7.6	2.3/26.4	61888
2005 MU ₄₂	2009 10 28.2	02 10.14 +14 58.8 20.2	-1.04 - 5.9	0.7/28.7	62422
2005 UK ₃₁₀	2009 10 28.2	02 10.15 +11 14.7 20.2	-1.03 - 3.2	0.7/27.8	40152
2002 LZ ₅₂	2009 10 28.2	02 10.16 -07 01.6 19.3	-0.91 + 1.2	6.6/23.9	62349
2007 EM ₇₉	2009 10 28.2	02 10.17 +05 29.8 21.0	-0.79 - 8.3	2.4/25.9	20854
2006 BX ₁₈₁	2009 10 28.2	02 10.21 -02 12.2 20.5	-0.75 - 4.4	5.0/23.8	19689
2002 AY ₄₆	2009 10 28.2	02 10.22 -07 16.0 21.1	-0.85 - 3.8	5.7/22.4	21310
2005 XW ₂₈	2009 10 28.2	02 10.23 +30 55.1 20.4	-0.94 - 9.2	6.5/03.0	96616
2003 SY ₁₅₇	2009 10 28.2	02 10.25 +14 36.1 19.0	-0.76 - 5.4	0.5/28.7	62376
2007 EA ₁	2009 10 28.2	02 10.26 +18 12.6 19.4	-1.03 - 1.4	1.6/29.5	62509
2001 VF ₁₀₃	2009 10 28.2	02 10.29 +15 11.4 19.3	-0.98 - 2.1	0.9/28.8	17971
2007 GE ₇₃	2009 10 28.2	02 10.41 +04 27.5 21.2	-0.72 - 5.9	2.3/25.7	62519
2005 UT ₁₄₉	2009 10 28.2	02 10.41 +14 32.3 20.6	-0.99 - 3.2	0.5/28.6	62447
2004 RT ₂₀₉	2009 10 28.2	02 10.42 +18 34.9 18.8	-0.80 - 9.8	2.0/30.1	58840
2007 BT ₅₄	2009 10 28.2	02 10.44 +00 13.7 19.7	-1.03 - 2.7	5.4/25.1	62501
2008 KT ₁₂	2009 10 28.3	02 10.39 +16 01.1 19.1	-0.84 -10.5	1.1/29.2	40623
2008 SR ₁₅₄	2009 10 28.3	02 10.39 +22 50.1 19.5	-0.61 - 1.0	1.7/31.0	51077
2004 EZ ₁₀₂	2009 10 28.3	02 10.40 +02 54.5 19.8	-0.90 - 6.6	4.6/25.4	62388
2001 GL ₃	2009 10 28.3	02 10.40 -22 05.3 20.5	-1.11 + 0.9	11.8/20.3	40092
2005 LO ₃₃	2009 10 28.3	02 10.41 +00 56.1 19.3	-1.08 + 0.4	6.1/25.8	62420
1999 FV ₈₃	2009 10 28.3	02 10.42 -06 57.1 21.5	-0.83 - 6.4	6.1/22.1	59648
2006 BU ₂₅	2009 10 28.3	02 10.42 +12 40.3 22.0	-0.78 - 4.1	0.1/28.2	96995
2005 XG ₂₆	2009 10 28.3	02 10.43 -08 25.1 18.7	-0.91 + 0.5	9.3/23.2	62466
2005 LJ ₃	2009 10 28.3	02 10.50 +05 23.1 19.6	-1.08 - 3.5	3.3/26.5	62420
2005 UY ₂₁₉	2009 10 28.3	02 10.50 +19 34.3 20.7	-0.90 - 9.3	2.4/30.4	39244
2005 UY ₄₇₈	2009 10 28.3	02 10.51 +11 23.0 19.7	-0.98 - 2.3	0.6/27.9	16332
2004 TM ₁₅₅	2009 10 28.3	02 10.52 +11 25.2 20.8	-0.83 - 4.9	0.6/27.8	62407
2000 WL ₁₅₀	2009 10 28.3	02 10.52 +11 41.2 18.8	-0.99 - 1.5	0.5/28.0	62310
2004 SR ₂₃	2009 10 28.3	02 10.58 +13 05.6 20.3	-0.86 - 3.7	0.0/28.3	62402
2005 VT ₇₃	2009 10 28.3	02 10.58 +09 41.8 19.9	-0.86 - 5.8	1.2/27.4	20824
2005 US ₆₂	2009 10 28.3	02 10.60 +10 00.7 20.1	-0.95 - 3.8	1.2/27.5	19660
2006 BN ₁₁₃	2009 10 28.3	02 10.64 +17 00.0 21.5	-0.78 - 3.5	1.0/29.4	02276
2002 RG ₄₅	2009 10 28.3	02 10.66 +18 04.2 19.2	-1.16 - 2.9	2.0/29.5	62353
2007 ET ₁₁₂	2009 10 28.3	02 10.68 +13 32.9 20.1	-0.87 - 5.1	0.1/28.5	22882
2001 BH ₈	2009 10 28.3	02 10.71 +10 26.7 18.2	-1.10 - 3.0	1.3/27.7	62311

2006 AT ₈₄	2009 10 28.3	02 10.72 +12 44.1 20.5	-0.87 - 3.9	0.1/28.3	96963
2003 SW ₁₂₇	2009 10 28.3	02 10.73 +26 21.0 20.0	-0.89 - 2.5	3.9/32.0	02166
2000 CA ₄₃	2009 10 28.3	02 10.79 +27 29.2 19.9	-1.07 - 5.3	4.9/01.4	40664
2002 UG ₃₀	2009 10 28.3	02 10.85 +14 13.7 20.3	-1.07 - 3.5	0.4/28.7	12830
2005 LT ₁₈	2009 10 28.4	02 10.83 +09 55.2 19.6	-0.51 - 4.3	0.6/27.4	61918
2004 RY ₂₁₃	2009 10 28.4	02 10.95 +29 46.9 18.8	-0.89 - 7.9	5.6/02.9	73141
2002 TK ₂₅₂	2009 10 28.4	02 10.95 +08 30.4 19.6	-1.08 - 2.4	2.0/27.4	40108
2005 VS ₁₃	2009 10 28.4	02 10.96 +03 37.6 19.3	-0.89 - 5.3	3.4/25.8	62456
2008 GC ₈₁	2009 10 28.4	02 10.96 +06 42.3 20.7	-0.98 - 4.3	2.3/26.8	41922
2003 CW ₁₈	2009 10 28.4	02 10.97 +14 50.0 19.6	-0.99 - 2.7	0.5/28.8	62368
2008 GE ₈₂	2009 10 28.4	02 11.00 +06 20.2 20.6	-0.98 - 2.7	2.3/26.8	40212
2004 TE ₂₄₂	2009 10 28.4	02 11.01 +12 18.3 19.9	-0.86 - 3.4	0.3/28.2	62408
2002 AC ₇₈	2009 10 28.4	02 11.02 +02 21.7 19.6	-0.91 - 3.1	4.5/25.6	19565
1998 WE ₃₆	2009 10 28.4	02 11.03 +10 14.7 19.5	-1.01 - 2.8	1.3/27.7	12720
2005 WE ₁₇₉	2009 10 28.4	02 11.04 +22 30.9 18.8	-1.04 - 3.1	3.9/30.9	62464
2005 RP ₈	2009 10 28.4	02 11.05 +15 13.3 19.5	-0.98 - 5.9	0.8/29.0	97804
2005 QB ₁₇	2009 10 28.4	02 11.06 +21 07.0 19.8	-1.08 - 1.7	3.5/30.4	90224
2008 JD	2009 10 28.4	02 11.06 -07 01.5 20.5	-0.87 - 4.8	6.7/22.9	57498
1999 GT ₆₀	2009 10 28.4	02 11.08 +11 19.9 19.6	-0.84 - 8.8	0.6/27.9	62297
2005 SM ₇₁	2009 10 28.4	02 11.09 +17 46.2 18.9	-0.97 - 2.6	2.2/29.6	62433
2002 NF ₆₆	2009 10 28.4	02 11.11 +16 59.0 20.7	-1.11 - 5.2	1.5/29.5	39169
1999 JA ₁₅	2009 10 28.4	02 11.16 -00 21.9 20.2	-0.94 - 1.8	4.5/25.3	40084
2002 PN ₁₄	2009 10 28.4	02 11.16 +23 25.7 20.1	-0.79 - 4.9	2.8/31.5	43157
2007 AB ₂₅	2009 10 28.4	02 11.20 +22 13.2 20.8	-1.00 - 4.8	2.9/30.9	19694
2004 FC ₆	2009 10 28.4	02 11.20 +18 03.5 22.3	-1.10 - 3.2	1.6/29.7	66346
2005 VQ ₅	2009 10 28.4	02 11.22 +06 35.6 19.4	-1.06 + 0.2	2.4/27.1	62456
2001 US ₂₁₅	2009 10 28.4	02 11.24 +04 57.6 20.1	-1.09 + 0.5	3.1/26.8	62326
2001 RK ₁₄₂	2009 10 28.4	02 11.35 +42 38.9 19.6	-2.15 +11.6	16.0/31.4	61839
2006 DE ₈₇	2009 10 28.5	02 11.14 +09 06.8 20.0	-0.79 - 4.1	1.3/27.4	62481
2000 RA ₂₆	2009 10 28.5	02 11.14 +20 29.6 17.8	-0.77 - 9.0	3.2/30.9	97389
2006 JY ₈	2009 10 28.5	02 11.18 +15 42.8 21.0	-0.63 - 3.2	0.5/29.2	62483
2002 AB ₁₂	2009 10 28.5	02 11.18 +23 24.0 18.5	-0.96 - 3.7	4.2/31.2	62336
2004 TR ₁₅₂	2009 10 28.5	02 11.22 +14 37.8 20.9	-0.87 - 3.9	0.5/28.9	62407
2007 EA ₉₄	2009 10 28.5	02 11.25 +08 29.9 19.3	-0.86 - 5.2	1.7/27.2	62512
2005 WX ₁₄₇	2009 10 28.5	02 11.26 +10 54.9 20.4	-0.88 - 3.5	0.7/27.9	62463
2007 GW ₂₉	2009 10 28.5	02 11.28 +13 19.0 19.6	-0.72 - 9.0	0.0/28.6	62518
2002 SM ₃₅	2009 10 28.5	02 11.28 +04 52.3 19.1	-0.90 - 6.2	4.1/26.2	62356
2007 BC ₄₄	2009 10 28.5	02 11.30 +10 04.9 19.8	-0.99 - 5.4	1.3/27.7	22871
2008 EY ₁₂₀	2009 10 28.5	02 11.32 +07 05.9 20.9	-0.99 - 6.2	2.2/26.9	37825
2000 TB ₁₃	2009 10 28.5	02 11.33 +08 25.0 19.1	-0.81 - 8.4	1.6/27.0	62309
2004 VJ ₆₀	2009 10 28.5	02 11.38 +01 40.9 20.1	-0.88 - 0.8	3.1/25.8	02226
2008 EC ₁₅₁	2009 10 28.5	02 11.38 +16 09.3 21.2	-1.08 - 4.7	1.1/29.3	40549
2006 BN ₁₀	2009 10 28.5	02 11.40 -03 32.8 20.4	-0.76 - 3.6	4.7/23.8	62476
2002 UJ ₁₁	2009 10 28.5	02 11.40 +17 52.2 19.0	-1.10 - 1.7	2.1/29.6	62360
2005 UN ₂₈₇	2009 10 28.5	02 11.42 +06 13.1 20.9	-0.95 - 4.1	2.7/26.7	58517
2000 HY ₉₀	2009 10 28.5	02 11.44 -23 05.5 19.1	-0.89 + 0.2	9.6/18.2	62305
2005 YX ₈₁	2009 10 28.5	02 11.48 +14 02.6 20.5	-0.83 - 4.7	0.3/28.8	62469
2001 YR ₂₃	2009 10 28.5	02 11.49 +22 27.3 19.7	-0.94 - 6.5	3.5/31.2	00113
2002 JH ₃₆	2009 10 28.5	02 11.50 +15 24.6 22.0	-0.76 - 6.2	0.6/29.2	53013
2005 QS ₁₃₉	2009 10 28.5	02 11.53 +09 22.3 20.3	-0.97 - 4.9	1.6/27.5	18119
2004 NL ₂₅	2009 10 28.5	02 11.54 -09 41.2 20.3	-0.90 - 2.3	7.9/22.8	40126

2002 CU ₂₃₈	2009 10 28.5	02 11.55 +17 59.4 20.6	-0.89 - 4.0	1.4/29.9	94642
2003 RR ₁₃	2009 10 28.5	02 11.56 +55 20.0 18.3	-1.38 + 2.1	14.9/09.8	43175
2005 WU ₁₂₀	2009 10 28.5	02 11.57 +24 22.5 19.8	-0.90 - 7.5	3.5/01.0	26103
2002 SN ₃₈	2009 10 28.5	02 11.58 +10 05.3 20.0	-1.03 - 6.0	1.3/27.8	62356
2005 ST ₂₃	2009 10 28.5	02 11.58 +01 14.3 18.9	-0.85 - 4.4	5.6/25.2	62431
2002 TA ₁₂₅	2009 10 28.5	02 11.58 +27 50.8 19.4	-1.07 - 2.9	7.1/01.4	22419
2002 TZ ₂₅₈	2009 10 28.5	02 11.59 +08 08.4 18.2	-0.81 - 9.2	2.4/27.0	62359
2003 QZ ₅₁	2009 10 28.5	02 11.60 +40 00.9 18.8	-1.16 + 1.3	10.1/04.5	62373
2000 KX ₂	2009 10 28.5	02 11.63 -07 52.1 18.9	-1.27 + 1.6	8.0/24.2	59655
2003 BZ ₇₀	2009 10 28.6	02 11.52 +01 55.3 20.5	-0.94 - 6.1	4.9/25.3	62367
2007 EF ₄₅	2009 10 28.6	02 11.56 +09 19.9 21.1	-0.75 - 5.1	1.1/27.5	62510
2007 DQ ₃₁	2009 10 28.6	02 11.57 +09 25.8 19.6	-0.89 - 4.7	1.4/27.6	62506
2007 HV ₄₃	2009 10 28.6	02 11.58 +06 52.1 19.5	-0.76 - 7.1	2.2/26.7	62065
2004 RR ₂₈₃	2009 10 28.6	02 11.59 +22 19.0 21.3	-0.98 - 2.6	2.8/30.9	46183
2004 RT ₂₀	2009 10 28.6	02 11.60 +12 23.0 19.8	-0.86 - 5.1	0.3/28.4	62396
2002 JX ₆	2009 10 28.6	02 11.62 +18 10.2 20.7	-0.78 -10.1	1.3/30.3	41782
2003 FN ₈₅	2009 10 28.6	02 11.62 +25 24.7 20.5	-1.01 - 2.7	3.8/31.8	59697
2002 SO ₄	2009 10 28.6	02 11.63 +13 55.8 19.0	-1.07 - 1.5	0.3/28.8	62355
2001 PL ₆₁	2009 10 28.6	02 11.63 +19 13.9 19.5	-1.06 - 3.8	2.7/30.2	39150
2005 SZ ₁₈₃	2009 10 28.6	02 11.64 +17 05.2 21.3	-1.00 - 4.4	1.3/29.6	21836
2004 WX ₆	2009 10 28.6	02 11.68 +03 50.2 17.8	-0.97 + 2.0	3.8/26.7	62413
2003 CC ₂₅	2009 10 28.6	02 11.69 +05 01.8 20.1	-1.00 - 1.3	2.6/26.7	62368
2007 EM ₄₂	2009 10 28.6	02 11.70 +04 42.9 20.8	-0.79 - 6.4	2.6/26.1	62510
1999 UG ₅₉	2009 10 28.6	02 11.70 +11 10.5 20.2	-0.85 - 3.7	0.8/28.1	19517
2005 OD ₁₂	2009 10 28.6	02 11.73 +16 57.2 19.6	-1.02 - 5.7	1.6/30.0	62424
2002 CU ₂₈₅	2009 10 28.6	02 11.77 +19 33.9 19.8	-0.90 - 4.7	2.1/30.4	17999
2006 EQ ₃₃	2009 10 28.6	02 11.77 +18 17.1 20.7	-0.89 - 1.7	1.4/29.9	62014
1999 UU ₇	2009 10 28.6	02 11.78 +15 56.2 18.0	-0.57 -17.0	1.1/29.7	62298
2005 YG ₂₈₃	2009 10 28.6	02 11.78 +17 39.4 20.4	-0.88 - 5.4	1.6/29.9	20833
2006 CB ₆₂	2009 10 28.6	02 11.79 -13 34.4 20.3	-0.87 + 0.3	6.8/22.0	02286
2005 NN ₅₇	2009 10 28.6	02 11.82 +07 04.0 19.3	-0.91 - 4.3	2.9/27.0	58504
2007 LW ₃₆	2009 10 28.6	02 11.83 +09 54.3 19.2	-0.73 -13.6	1.1/27.5	62521
2004 XU ₂₁	2009 10 28.6	02 11.84 +03 23.2 18.8	-0.86 - 1.0	3.5/26.3	60390
2003 QN ₁₈	2009 10 28.6	02 11.85 +06 55.5 18.8	-0.79 - 3.7	2.3/26.9	62373
2000 CU ₃₄	2009 10 28.6	02 11.87 -08 21.5 20.9	-0.72 - 4.0	5.3/22.2	01994
2005 YO ₁₀	2009 10 28.6	02 11.88 +13 37.1 19.9	-0.91 - 5.7	0.1/28.8	58522
2007 JC ₃	2009 10 28.6	02 11.88 +10 18.3 21.2	-0.80 - 2.1	0.8/27.9	41345
1999 XX ₂₅₀	2009 10 28.6	02 11.89 +01 03.0 21.0	-0.75 - 3.1	3.1/25.3	60726
2003 UF ₃₃₄	2009 10 28.6	02 11.89 +26 59.3 20.3	-0.95 - 1.3	4.3/01.1	55111
2005 YD ₃₄	2009 10 28.6	02 11.90 +05 08.4 20.0	-0.88 - 4.1	3.2/26.5	98038
2005 GX ₅₉	2009 10 28.6	02 11.92 +02 11.2 18.4	-1.01 - 7.0	5.1/25.7	62418
2008 DQ ₆₉	2009 10 28.6	02 11.94 +08 17.6 19.5	-1.10 - 4.1	2.3/27.5	37758
2008 HQ ₅₅	2009 10 28.6	02 11.95 +08 58.3 22.0	-0.98 - 4.1	1.4/27.6	40218
2007 HG ₄₅	2009 10 28.6	02 11.97 +07 55.5 21.3	-0.76 - 4.0	1.5/27.2	41873
2001 VX ₁₂₅	2009 10 28.6	02 11.99 +11 22.7 19.5	-0.97 - 3.7	0.7/28.2	62328
2002 DP ₂₀	2009 10 28.7	02 11.94 +09 36.6 19.9	-0.52 - 2.2	0.7/27.6	61845
2002 EQ ₁₅	2009 10 28.7	02 11.95 +05 43.9 19.6	-0.81 - 8.4	2.4/26.3	62343
2007 HO ₁₆	2009 10 28.7	02 11.95 -00 15.3 20.6	-0.81 - 8.0	4.7/24.5	41342
2006 BW ₁₃₁	2009 10 28.7	02 11.97 +09 50.2 20.0	-0.79 - 4.2	1.1/27.8	62478
2005 CQ	2009 10 28.7	02 12.00 -34 49.0 19.9	-1.09 - 2.0	21.6/10.0	60821
2005 QX ₁₇	2009 10 28.7	02 12.00 +10 55.6 18.5	-0.89 - 5.2	1.1/28.1	62426

2006 VO ₁₃₃	2009 10 28.7	02 12.03 +18 50.0	18.1 -1.10 - 3.9	2.7/30.1	62493
2002 CM ₆₅	2009 10 28.7	02 12.04 +01 26.2	19.1 -0.93 - 1.6	4.2/25.9	62340
2004 XL ₉₂	2009 10 28.7	02 12.05 -16 31.8	18.3 -1.04 + 4.9	11.1/23.2	11076
2007 FA ₄₇	2009 10 28.7	02 12.06 +10 31.5	20.0 -1.08 + 0.8	1.0/28.2	41339
2004 TE ₃₆₇	2009 10 28.7	02 12.08 +26 31.0	18.9 -0.86 - 5.4	4.5/01.7	11073
2007 EU ₁₃₇	2009 10 28.7	02 12.10 +16 07.0	20.1 -0.98 - 2.1	0.9/29.4	21362
2003 QF ₅	2009 10 28.7	02 12.10 +25 56.8	18.6 -0.82 - 5.7	4.3/01.5	43174
2004 RB ₃₀	2009 10 28.7	02 12.16 +07 28.4	19.4 -0.85 - 4.8	2.1/27.1	62397
2007 GK ₆₀	2009 10 28.7	02 12.19 +15 59.6	20.4 -0.87 - 5.5	0.9/29.5	26273
2000 AE ₁₅₀	2009 10 28.7	02 12.20 -00 10.8	19.4 -0.80 - 5.5	4.2/24.7	01992
2003 UW ₁₅₅	2009 10 28.7	02 12.24 +03 54.1	20.3 -0.76 - 3.6	2.7/26.2	62379
2004 JG ₁₂	2009 10 28.7	02 12.24 +22 07.2	20.3 -1.00 - 6.2	2.9/31.3	66374
2004 RY ₂₇	2009 10 28.7	02 12.27 +19 56.8	20.0 -0.93 - 4.0	2.5/30.6	18084
1995 FW ₅	2009 10 28.7	02 12.28 +23 33.1	18.6 -0.93 - 1.4	3.4/31.3	01963
2002 SB ₄₁	2009 10 28.7	02 12.30 +07 10.9	18.6 -1.10 - 1.1	2.7/27.4	58438
2002 EP ₁₆₀	2009 10 28.7	02 12.30 +20 59.0	20.2 -0.57 - 2.5	1.5/31.0	49829
1999 TQ ₂₁₁	2009 10 28.7	02 12.33 +45 29.0	18.9 -1.17 - 2.1	11.3/08.1	97355
2007 CV ₄₁	2009 10 28.7	02 12.35 +13 48.9	20.2 -0.98 - 5.5	0.2/28.9	62503
2008 HN ₃₈	2009 10 28.7	02 12.38 +14 52.4	19.7 -1.13 - 2.4	0.6/29.2	62537
2005 YA ₇₆	2009 10 28.8	02 12.31 +20 51.0	20.1 -0.92 - 4.1	3.3/30.8	40412
2001 XG ₅₇	2009 10 28.8	02 12.32 +21 46.7	18.6 -0.88 - 7.8	3.5/31.4	60752
2007 EU ₂₁₆	2009 10 28.8	02 12.32 -10 00.1	20.9 -0.71 - 6.4	5.8/21.5	41333
2007 ET ₁₆₉	2009 10 28.8	02 12.33 +11 52.9	20.0 -0.89 - 3.4	0.5/28.4	62515
2003 SZ ₉₆	2009 10 28.8	02 12.33 +16 58.0	19.3 -0.74 - 9.2	1.1/30.0	41794
2008 GY ₆₃	2009 10 28.8	02 12.35 +08 51.8	20.8 -0.92 - 8.6	1.6/27.5	62533
2008 GX ₁₁₀	2009 10 28.8	02 12.35 -34 23.1	20.4 -1.30 + 7.2	16.6/21.9	40590
2003 KG ₂₅	2009 10 28.8	02 12.36 +11 24.8	21.5 -0.51 - 2.6	0.3/28.3	58451
2004 FP ₆₂	2009 10 28.8	02 12.37 +05 47.7	19.9 -0.95 - 6.4	2.8/26.7	95196
2003 EY ₅₂	2009 10 28.8	02 12.37 +09 32.1	19.1 -1.02 - 0.8	1.3/28.0	18046
2005 XO ₇₄	2009 10 28.8	02 12.39 +17 33.0	19.4 -0.96 - 2.8	1.6/29.9	62467
2005 UD ₄₁₂	2009 10 28.8	02 12.45 +08 43.7	19.4 -0.89 - 5.2	1.8/27.6	62453
2005 XE ₆₁	2009 10 28.8	02 12.47 +08 02.9	19.2 -0.94 - 2.6	2.1/27.5	20828
2005 TJ ₁₃₉	2009 10 28.8	02 12.47 +09 26.0	20.5 -0.95 - 4.2	1.6/27.8	47354
2005 VU ₁₁₂	2009 10 28.8	02 12.48 +21 00.2	20.0 -0.90 - 6.7	3.0/31.1	97974
2007 HP ₉₆	2009 10 28.8	02 12.48 +12 47.1	21.0 -0.78 - 4.1	0.1/28.7	62521
2005 MP ₃₇	2009 10 28.8	02 12.50 +02 57.3	20.4 -1.00 - 5.1	3.9/26.1	62421
2004 HR ₇₂	2009 10 28.8	02 12.52 +10 11.7	21.8 -0.97 - 4.8	1.1/28.0	21812
2000 TP ₁₅	2009 10 28.8	02 12.60 +11 43.4	19.1 -0.82 - 8.1	0.6/28.4	62309
2008 ET ₁₄₃	2009 10 28.8	02 12.65 -00 46.0	20.7 -0.97 - 7.2	5.5/24.9	41917
2005 UT ₁₃₀	2009 10 28.8	02 12.66 +16 42.3	19.3 -0.92 - 6.0	1.3/29.8	62447
2006 AN ₅₁	2009 10 28.8	02 12.67 -04 48.6	20.5 -0.84 - 3.5	6.2/23.8	98082
2003 BL ₃₀	2009 10 28.8	02 12.67 +15 23.6	18.5 -0.97 - 4.6	0.9/29.4	62367
2003 FE ₆₇	2009 10 28.8	02 12.68 +16 07.9	20.6 -1.00 - 1.7	0.9/29.5	43170
2001 FV ₂₃	2009 10 28.8	02 12.71 +11 29.5	19.6 -1.09 - 3.8	0.7/28.4	61837
2007 RC ₃₀₈	2009 10 28.8	02 12.72 +47 35.2	20.0 -0.81 - 0.9	6.6/08.9	58898
2001 QM ₁₀₀	2009 10 28.8	02 12.72 +31 21.7	19.0 -1.89 + 5.8	8.8/31.5	62315
2006 AL ₃₁	2009 10 28.8	02 12.76 +06 49.2	21.0 -0.83 - 3.4	2.0/27.2	62474
2005 OA ₂₈	2009 10 28.8	02 12.77 +11 20.6	19.6 -0.93 - 8.1	0.8/28.3	62425
2004 TX ₃₄₄	2009 10 28.8	02 12.77 +10 03.1	18.6 -0.91 - 1.0	1.2/28.1	62410
2006 DP ₄₄	2009 10 28.9	02 12.69 +23 24.2	21.0 -0.87 - 3.1	2.9/31.6	47392
2002 TQ ₂₆₂	2009 10 28.9	02 12.73 +23 51.6	19.4 -1.44 + 2.8	4.0/30.7	10928

2000 AM ₂₀₉	2009 10 28.9	02 12.74 +20 48.6	20.0 -0.80 - 6.3	2.2/31.2	47141
2007 EQ ₁₈₅	2009 10 28.9	02 12.76 -01 26.1	20.4 -0.74 - 5.4	4.2/24.6	40710
2005 XV ₁₉	2009 10 28.9	02 12.77 +09 18.9	20.9 -0.94 - 2.9	1.4/27.9	19256
2004 XW ₂₆	2009 10 28.9	02 12.79 +04 19.1	20.1 -0.79 - 3.2	2.6/26.5	62414
2005 WO ₁₉₅	2009 10 28.9	02 12.79 -16 35.7	20.6 -0.79 - 3.1	7.2/19.7	02262
2005 NX ₅₃	2009 10 28.9	02 12.80 +62 05.1	19.8 -1.86 - 2.8	16.7/18.1	60829
1995 FK ₉	2009 10 28.9	02 12.82 +16 09.7	20.5 -0.87 - 1.2	0.8/29.6	62291
2000 ER ₄	2009 10 28.9	02 12.85 +13 33.9	20.2 -0.81 - 3.9	0.1/29.0	62303
2008 HE ₆	2009 10 28.9	02 12.86 +12 33.4	21.8 -1.08 - 3.3	0.3/28.7	40215
2003 SA ₃₂₀	2009 10 28.9	02 12.87 +26 41.9	20.3 -0.91 - 2.2	4.2/01.4	62377
2007 DW ₇₇	2009 10 28.9	02 12.88 +02 49.6	19.7 -0.89 - 4.7	3.8/26.1	41320
2002 KQ ₃	2009 10 28.9	02 12.89 -03 22.5	21.8 -0.71 - 7.5	4.2/23.7	89295
2003 RC ₅	2009 10 28.9	02 12.90 +46 07.1	19.6 -1.52 + 0.7	16.1/06.5	14037
2005 YV ₂₇	2009 10 28.9	02 12.90 +19 48.6	20.3 -0.90 - 4.0	2.5/30.7	96685
2006 BL ₆₈	2009 10 28.9	02 12.91 +00 11.1	22.3 -0.77 - 3.6	3.6/25.3	98104
2005 NY ₅₄	2009 10 28.9	02 12.93 +09 12.4	18.6 -0.80 - 6.2	2.1/27.7	62423
1998 TE ₂	2009 10 28.9	02 12.93 +17 33.7	18.5 -0.82 - 5.2	1.5/30.0	62295
2004 XT ₇	2009 10 28.9	02 12.93 +01 54.9	19.2 -0.85 - 1.4	3.8/26.1	62413
1997 YG	2009 10 28.9	02 12.94 +01 42.1	18.9 -0.94 - 2.6	4.7/26.0	62293
2002 EL ₁₁₉	2009 10 28.9	02 12.94 +17 36.1	19.8 -0.53 - 2.9	0.8/30.2	62344
2006 AR ₃₁	2009 10 28.9	02 12.94 +12 28.3	20.0 -0.93 - 2.3	0.3/28.7	96918
2003 KC ₂	2009 10 28.9	02 12.95 -01 38.6	21.1 -0.84 - 3.7	4.3/24.9	18054
2007 EA ₇₀	2009 10 28.9	02 12.95 +12 59.3	19.8 -0.85 - 2.8	0.1/28.9	62511
2005 UX ₁₄₂	2009 10 28.9	02 12.96 +10 02.3	19.8 -1.01 - 1.3	1.3/28.2	20416
2008 JW ₄	2009 10 28.9	02 12.98 +15 08.2	19.7 -1.14 - 2.6	0.7/29.4	40770
2008 HX ₁₆	2009 10 28.9	02 13.00 +10 10.7	21.5 -0.99 - 4.6	1.1/28.1	40013
2002 PU ₁₇₇	2009 10 28.9	02 13.02 +18 43.7	19.8 -1.15 - 3.2	2.3/30.3	62351
2004 TO ₂₀₃	2009 10 28.9	02 13.02 +14 59.6	19.3 -0.86 - 4.6	0.6/29.4	62408
2003 FP ₆₉	2009 10 28.9	02 13.05 +03 02.5	20.9 -0.91 - 5.1	3.5/26.1	62370
2006 BW ₁₄₆	2009 10 28.9	02 13.08 +18 36.8	20.9 -0.83 - 3.3	1.5/30.4	09502
2005 WA ₆₂	2009 10 28.9	02 13.10 +10 12.7	19.6 -0.97 - 2.4	1.2/28.2	20825
2002 EF ₅₉	2009 10 28.9	02 13.12 +13 13.4	20.0 -0.85 - 5.1	0.1/28.9	62344
2005 LB ₂₁	2009 10 28.9	02 13.16 +07 13.6	19.1 -1.01 - 6.1	2.7/27.4	62420
2002 RK ₂₂₅	2009 10 28.9	02 13.17 +26 21.1	19.7 -1.14 - 4.0	5.5/01.4	12818
2005 TA ₁₅₃	2009 10 29.0	02 13.08 +09 18.0	19.4 -0.93 - 5.0	1.8/27.9	33464
2002 EG ₈₀	2009 10 29.0	02 13.11 +20 55.3	20.0 -0.94 - 2.5	2.3/30.9	41780
2004 ED ₈₀	2009 10 29.0	02 13.11 +13 00.1	19.6 -1.07 - 3.1	0.1/28.9	62387
2005 QV ₇₁	2009 10 29.0	02 13.11 +11 11.4	18.6 -0.87 - 6.1	1.0/28.4	62427
2008 GK ₃₁	2009 10 29.0	02 13.14 +02 59.6	20.3 -1.01 - 4.8	4.2/26.3	62533
2006 AB ₆₂	2009 10 29.0	02 13.17 +14 24.4	20.8 -0.87 - 5.6	0.3/29.3	98084
2001 UJ ₂₅	2009 10 29.0	02 13.17 +27 08.9	18.4 -1.04 - 2.8	5.9/01.6	62324
2001 EV ₂₃	2009 10 29.0	02 13.18 +13 17.3	21.0 -0.81 - 4.3	0.0/29.0	62312
2001 YR ₁₃₆	2009 10 29.0	02 13.19 +36 07.6	18.8 -1.04 - 6.1	8.2/05.3	97542
2007 CA ₄₄	2009 10 29.0	02 13.21 +23 14.5	19.3 -1.04 - 4.8	3.9/31.7	18197
2003 AO ₁₈	2009 10 29.0	02 13.23 +03 57.0	19.2 -1.01 - 2.4	4.0/26.7	62365
2005 UZ ₂₉₇	2009 10 29.0	02 13.27 +09 05.2	20.8 -0.96 - 2.1	1.4/28.0	96256
2005 WB ₅₄	2009 10 29.0	02 13.27 -04 07.3	18.4 -0.87 - 0.0	8.3/24.7	01122
2003 HA ₂₉	2009 10 29.0	02 13.29 +12 10.2	20.1 -0.82 - 6.2	0.3/28.7	62371
2005 NH ₅₂	2009 10 29.0	02 13.31 +20 54.6	20.7 -1.10 - 5.3	2.7/31.1	38045
2000 RQ ₇₉	2009 10 29.0	02 13.32 +11 57.4	17.2 -0.69 -13.3	0.6/28.5	62306
2005 SC ₂₅₆	2009 10 29.0	02 13.32 +17 12.5	20.2 -1.01 - 5.5	1.4/30.1	62438

2008 HF ₆₅	2009 10 29.0	02 13.32 +11 10.8 20.3	-1.00	- 6.5	0.8/28.4	62538
2004 ED ₅₂	2009 10 29.0	02 13.32 +09 44.8 20.7	-1.06	- 3.8	1.6/28.1	12339
2006 FZ ₁₀	2009 10 29.0	02 13.33 +12 21.6 20.6	-0.83	- 2.8	0.3/28.8	62483
2006 BR ₈₄	2009 10 29.0	02 13.33 +15 15.4 20.1	-0.83	- 3.8	0.6/29.6	62477
2007 BN ₆₅	2009 10 29.0	02 13.41 +08 11.8 19.8	-0.95	- 6.0	2.2/27.6	20517
2005 YO	2009 10 29.0	02 13.44 +16 36.3 20.7	-0.88	- 5.1	1.1/30.0	62467
2001 WA ₂₉	2009 10 29.0	02 13.44 +02 17.4 18.2	-0.92	- 2.8	4.8/26.2	62329
2003 UY ₃₇₃	2009 10 29.0	02 13.44 +14 28.5 19.7	-0.77	- 6.7	0.3/29.4	62380
2005 GF ₂₅	2009 10 29.0	02 13.47 +19 27.9 21.2	-0.67	- 2.0	1.3/30.7	47348
2004 HL ₂₅	2009 10 29.0	02 13.49 +10 10.7 21.0	-0.98	- 5.1	1.1/28.2	14117
2001 US ₁₁₃	2009 10 29.0	02 13.50 +10 47.1 19.6	-0.92	- 1.6	1.3/28.5	02048
2006 DN ₁₀₀	2009 10 29.0	02 13.52 +17 59.9 20.3	-0.82	- 3.3	1.3/30.3	62481
2005 UW ₁₁₆	2009 10 29.0	02 13.53 +19 41.7 18.7	-0.84	-12.1	2.5/31.2	60843
2002 VY ₆₀	2009 10 29.1	02 13.51 +22 00.2 17.7	-0.88	- 7.0	4.3/31.7	60777
2005 SS ₇₈	2009 10 29.1	02 13.53 +09 48.2 20.8	-0.97	- 5.2	1.5/28.2	33459
2005 WZ ₁₇₃	2009 10 29.1	02 13.54 +24 53.0 19.2	-0.88	- 9.2	4.3/01.8	62464
2000 JS ₄₀	2009 10 29.1	02 13.54 +07 16.4 20.2	-1.01	- 2.3	2.0/27.7	40665
2002 KC ₉	2009 10 29.1	02 13.55 -04 20.0 20.2	-0.83	- 0.9	4.8/24.8	41782
2006 BV ₂₃₉	2009 10 29.1	02 13.55 -02 27.2 20.3	-0.75	- 3.5	4.5/24.7	40700
2005 SD ₁₀₁	2009 10 29.1	02 13.56 +21 55.9 20.0	-1.03	- 3.1	3.6/31.3	14753
2005 WV ₁₈₉	2009 10 29.1	02 13.56 +15 54.8 18.2	-1.11	+ 1.2	1.1/30.0	62464
2005 WZ ₁₈	2009 10 29.1	02 13.59 -00 42.9 19.4	-1.01	- 1.0	5.6/25.8	58520
2002 VG ₃₈	2009 10 29.1	02 13.60 +19 28.7 19.1	-1.19	+ 1.1	2.9/30.3	61871
1997 TF ₁₂	2009 10 29.1	02 13.63 +17 14.0 20.6	-0.56	- 1.8	0.7/30.2	62293
2005 QD ₄₀	2009 10 29.1	02 13.65 +21 55.0 19.5	-1.02	- 6.8	3.2/31.6	40137
2008 JC ₃₇	2009 10 29.1	02 13.66 +10 15.9 21.0	-0.99	- 4.5	1.1/28.3	40618
2007 JR ₅	2009 10 29.1	02 13.66 +11 58.7 20.4	-0.74	- 5.9	0.4/28.7	62521
2000 TM ₁	2009 10 29.1	02 13.68 -07 57.1 20.1	-0.86	-10.2	6.6/22.3	40090
2004 BM ₅₀	2009 10 29.1	02 13.69 +22 50.8 19.6	-1.08	- 4.5	4.5/31.6	12331
2005 YK ₁₆₇	2009 10 29.1	02 13.74 +15 49.8 20.5	-0.85	- 5.6	0.9/29.8	62472
2007 EE ₂₁₃	2009 10 29.1	02 13.78 +27 02.4 20.1	-1.10	- 1.9	4.6/01.4	41333
2004 PW ₁₅	2009 10 29.1	02 13.78 +26 13.0 19.3	-1.03	- 2.2	4.8/01.4	59727
2002 AO ₂₀₀	2009 10 29.1	02 13.79 -07 54.3 20.0	-0.84	- 4.9	6.9/22.9	41777
2006 AS ₇	2009 10 29.1	02 13.82 -17 47.9 20.4	-0.86	- 0.3	7.8/20.7	01201
2005 UK ₄₄	2009 10 29.1	02 13.82 +10 04.1 19.8	-0.88	- 6.7	1.2/28.2	62444
2008 QN ₄₀	2009 10 29.1	02 13.86 +36 09.4 21.2	-0.72	- 0.6	4.4/04.6	47459
2007 HN ₇	2009 10 29.1	02 13.86 +10 50.1 19.9	-0.85	- 1.3	0.7/28.6	43281
2007 FQ ₇	2009 10 29.1	02 13.86 +14 11.0 19.0	-0.93	- 5.2	0.3/29.4	20859
2005 OL ₁₄	2009 10 29.1	02 13.86 +17 09.2 19.8	-1.07	- 5.2	1.5/30.2	62424
2004 RV ₂₉₈	2009 10 29.1	02 13.86 +20 02.7 20.3	-0.95	- 2.9	2.2/30.9	19151
2005 SQ ₁₀₆	2009 10 29.1	02 13.88 +14 30.5 21.1	-1.00	- 5.2	0.4/29.5	62434
2002 CB ₁₂₂	2009 10 29.1	02 13.89 -15 55.0 19.1	-0.76	- 6.0	12.1/18.9	62341
2002 TL ₂₁₈	2009 10 29.1	02 13.90 +25 52.0 19.1	-1.06	- 7.8	5.4/02.0	62358
2007 EV ₁₆₆	2009 10 29.1	02 13.91 +08 20.9 20.4	-0.80	- 5.9	1.5/27.7	20856
2003 EY ₁₁	2009 10 29.1	02 13.91 +23 55.5 20.1	-1.01	- 3.9	3.5/31.9	60784
2006 ES ₁₉	2009 10 29.1	02 13.92 +13 08.7 20.6	-0.78	- 4.1	0.1/29.1	62482
2004 RP ₁₅₉	2009 10 29.1	02 13.93 +27 20.3 18.7	-0.90	- 5.5	5.2/02.4	60809
2004 DY ₃₅	2009 10 29.2	02 13.85 +07 35.9 20.1	-0.93	- 7.6	2.0/27.5	40120
2007 JA ₅	2009 10 29.2	02 13.85 +15 37.5 19.7	-0.73	- 7.4	0.6/29.9	62521
2007 DS ₅₅	2009 10 29.2	02 13.86 +09 08.9 20.0	-0.99	- 4.0	1.8/28.1	17758
2002 DP ₇	2009 10 29.2	02 13.91 -24 50.9 19.0	-0.95	+ 1.5	16.6/17.0	62343

2003 EV ₁₇	2009 10 29.2	02 13.92 +06 38.0 19.5	-0.96	- 3.7	2.5/27.5	60784
2002 GA ₁₃₉	2009 10 29.2	02 13.94 -00 13.4 19.8	-0.58	- 0.5	2.6/25.6	48230
2003 KQ ₁₉	2009 10 29.2	02 13.99 +30 40.2 19.1	-1.16	-16.6	7.4/04.4	74258
2005 WF ₁₄₉	2009 10 29.2	02 14.02 +17 04.5 19.3	-0.97	- 2.0	1.6/30.1	62463
2005 BX ₁	2009 10 29.2	02 14.03 -02 04.6 19.3	-0.75	- 3.8	4.9/24.9	62416
2007 DZ ₅₃	2009 10 29.2	02 14.03 -03 25.1 20.9	-0.97	- 4.2	6.6/24.7	38128
2005 UP ₁₅₉	2009 10 29.2	02 14.04 +05 47.8 19.1	-0.98	- 2.2	3.2/27.4	62447
2003 HM ₅₂	2009 10 29.2	02 14.04 +20 00.1 17.3	-0.84	-24.1	2.5/31.9	62372
2005 UV ₄₄₃	2009 10 29.2	02 14.04 +23 46.0 19.3	-0.96	- 5.9	3.7/01.2	18150
2002 CJ ₆₃	2009 10 29.2	02 14.06 +15 53.0 20.3	-0.93	- 2.5	0.7/29.8	62340
1993 BR ₁₁	2009 10 29.2	02 14.09 +14 52.6 21.1	-1.03	- 4.6	0.5/29.6	12712
2008 KU ₉	2009 10 29.2	02 14.09 +13 19.7 20.9	-0.92	- 5.9	0.0/29.2	62539
2006 BA ₁₂₀	2009 10 29.2	02 14.10 +10 23.0 20.8	-0.77	- 4.9	0.9/28.4	20838
2000 RC ₆₃	2009 10 29.2	02 14.11 +17 04.8 20.2	-1.03	- 4.0	1.5/30.2	5050
2000 EH ₁₃₈	2009 10 29.2	02 14.12 +15 15.8 21.3	-0.99	- 4.8	0.6/29.7	99944
2004 XL ₇₃	2009 10 29.2	02 14.13 +06 58.2 19.3	-0.81	- 3.6	2.0/27.5	62414
2008 GJ ₃₇	2009 10 29.2	02 14.13 +09 20.0 21.7	-0.98	- 5.0	1.5/28.2	39055
2007 CR ₄₆	2009 10 29.2	02 14.15 +29 16.0 20.9	-0.95	- 4.0	4.3/02.7	47419
2000 SM ₂₃₆	2009 10 29.2	02 14.15 +10 41.0 18.7	-0.83	- 7.3	1.2/28.4	62308
2002 AK ₁₄₆	2009 10 29.2	02 14.16 +05 33.6 19.5	-0.86	- 4.6	3.2/27.1	19076
2005 LF ₃	2009 10 29.2	02 14.17 -30 28.1 19.9	-1.06	+ 0.6	17.1/18.7	86769
2005 PW ₅	2009 10 29.2	02 14.17 +20 19.4 19.4	-1.00	- 5.9	3.0/31.2	58505
2006 EQ ₅₆	2009 10 29.2	02 14.18 +06 04.3 19.8	-0.73	- 6.8	2.4/27.0	62482
2006 EB ₄₃	2009 10 29.2	02 14.19 +09 37.0 20.0	-0.85	- 1.3	1.1/28.3	01485
2005 QQ ₁	2009 10 29.2	02 14.21 +12 36.4 20.2	-1.01	- 6.1	0.4/29.0	62425
2005 YV ₁₂₆	2009 10 29.2	02 14.21 +12 48.7 21.7	-0.80	- 3.6	0.2/29.1	20469
2003 EH ₆₃	2009 10 29.2	02 14.22 +08 06.7 20.9	-0.91	- 4.3	1.8/27.9	41112
2003 ES ₃₅	2009 10 29.2	02 14.22 +01 44.3 20.8	-0.87	- 5.1	3.8/26.0	62369
2001 WD ₆₅	2009 10 29.2	02 14.23 +06 34.6 19.2	-1.08	+ 0.7	2.9/27.9	62329
2005 CN ₇	2009 10 29.2	02 14.25 +07 45.4 19.0	-0.76	-13.0	1.9/27.3	62417
2005 UR ₂₃₂	2009 10 29.2	02 14.26 +06 06.8 20.7	-1.11	+ 0.8	2.8/27.8	62450
2005 WT ₄₈	2009 10 29.2	02 14.27 +27 18.2 19.7	-0.92	- 7.6	4.5/02.6	09454
2008 JG ₃₁	2009 10 29.2	02 14.33 +08 54.6 21.0	-1.02	- 6.6	1.8/28.1	40222
2007 EK ₁₉₇	2009 10 29.3	02 14.24 +14 47.2 21.7	-0.95	- 4.6	0.5/29.6	19447
2007 CL ₆	2009 10 29.3	02 14.24 +05 28.7 19.9	-0.97	- 3.8	3.9/27.2	62039
2004 HT ₇₈	2009 10 29.3	02 14.26 +09 38.1 19.9	-0.57	- 1.4	0.7/28.3	62392
2001 FB ₁₃₃	2009 10 29.3	02 14.26 +18 40.8 20.3	-0.84	- 3.0	1.4/30.7	47166
2003 JD ₃	2009 10 29.3	02 14.26 +13 28.1 20.6	-0.96	- 3.1	0.0/29.3	19600
1997 SS ₂₁	2009 10 29.3	02 14.27 +13 34.1 20.6	-0.52	- 3.0	0.0/29.3	56836
1999 BT ₂	2009 10 29.3	02 14.28 +62 50.4 17.8	-1.89	+ 8.9	24.2/03.6	60722
2003 TA ₁₉	2009 10 29.3	02 14.29 +06 01.8 19.2	-0.71	- 9.2	2.4/26.9	62378
2002 EK ₁₆₀	2009 10 29.3	02 14.30 +12 33.4 21.3	-0.50	- 2.8	0.2/29.0	62345
2003 SX ₁₁₅	2009 10 29.3	02 14.31 +29 11.8 17.4	-0.76	-10.2	5.7/03.9	60788
2005 YJ ₁₅₆	2009 10 29.3	02 14.31 +18 51.4 20.2	-0.87	- 5.5	1.9/30.8	18169
2007 DQ ₂₄	2009 10 29.3	02 14.33 +17 19.9 19.9	-0.94	- 4.4	1.4/30.3	62505
2005 UF ₄₆₀	2009 10 29.3	02 14.36 +17 18.8 20.4	-0.93	- 5.3	1.4/30.4	97954
2002 AW ₁₄₄	2009 10 29.3	02 14.36 +03 44.6 19.0	-0.84	- 4.8	4.2/26.6	62338
1996 RH ₆	2009 10 29.3	02 14.38 +23 09.0 21.0	-0.57	- 1.9	1.7/01.1	47128
1998 TM ₂₇	2009 10 29.3	02 14.40 +14 55.5 19.9	-0.98	- 2.6	0.7/29.7	17897
2005 WL ₆₆	2009 10 29.3	02 14.40 +08 35.4 20.1	-0.91	- 3.6	1.7/28.1	58520
2008 GZ ₄₀	2009 10 29.3	02 14.40 +06 26.1 19.9	-0.99	- 2.9	2.7/27.6	40576

2006 BO ₁₇	2009 10 29.3	02 14.41 +27 33.0	20.7	-0.88	-	4.2	4.1/02.4	55209
2008 QG ₂₀	2009 10 29.3	02 14.42 +34 53.9	21.4	-0.93	-	2.7	5.2/04.5	59812
2000 SQ ₂₃₁	2009 10 29.3	02 14.47 +34 35.7	19.6	-1.48	+	5.1	8.1/01.7	97401
2002 GE ₆₆	2009 10 29.3	02 14.47 +10 03.7	19.4	-0.84	-	3.6	1.1/28.4	20765
2005 QC ₁₁₇	2009 10 29.3	02 14.48 +20 36.8	20.7	-1.10	-	3.9	3.0/31.2	56026
2005 YL ₁₄₀	2009 10 29.3	02 14.52 +06 42.3	20.3	-0.87	-	3.3	2.3/27.6	26116
2007 CR ₂₇	2009 10 29.3	02 14.53 +06 14.1	21.2	-1.01	-	5.4	3.2/27.4	18196
2005 YJ ₄₆	2009 10 29.3	02 14.54 +09 53.5	19.6	-0.84	-	4.8	1.3/28.4	20830
2005 WM ₁₆₅	2009 10 29.3	02 14.55 +09 06.2	20.5	-0.91	-	4.1	1.4/28.2	20827
2006 BN ₁₄₉	2009 10 29.3	02 14.56 +02 20.8	19.5	-0.79	-	4.1	3.4/26.3	21355
2005 LO ₇	2009 10 29.3	02 14.57 +16 44.5	20.1	-1.06	-	7.9	1.3/30.3	35907
2008 CU ₁₉₉	2009 10 29.3	02 14.58 +27 42.5	18.5	-1.30	+	0.4	7.4/01.6	62071
2001 XY ₁₀₅	2009 10 29.3	02 14.58 +15 43.2	18.7	-0.90	-	6.7	0.9/30.0	62332
2003 QF ₆₅	2009 10 29.3	02 14.58 -16 04.1	18.4	-0.73	-	2.5	10.9/20.6	62374
2005 UA ₆₇	2009 10 29.3	02 14.59 +21 35.1	19.1	-0.84	-13.1	3.3/01.2	60842	
2003 UC ₂₇₁	2009 10 29.3	02 14.60 +15 42.4	19.2	-0.98	+	0.8	0.7/30.0	62379
2007 DJ ₉₈	2009 10 29.3	02 14.61 +08 49.6	20.3	-0.90	-	5.0	1.7/28.1	20542
2003 EC ₉	2009 10 29.3	02 14.61 +30 45.3	19.7	-1.07	-	3.3	5.8/03.0	40679
2008 RV ₃	2009 10 29.3	02 14.62 +12 30.5	20.7	-0.51	-	3.0	0.2/29.1	62541
2007 DL ₂	2009 10 29.3	02 14.67 +30 45.0	20.0	-1.06	-	3.4	6.1/03.0	22875
2002 FP ₃₈	2009 10 29.3	02 14.68 +14 25.7	19.2	-1.03	-	1.3	0.3/29.6	62345
2005 VH ₇	2009 10 29.3	02 14.68 -05 57.9	19.8	-0.90	-	1.3	8.6/24.4	31426
2003 SH ₁₅₈	2009 10 29.4	02 14.63 +16 01.1	18.9	-1.01	+	0.3	0.9/30.0	62376
2007 JJ ₄₂	2009 10 29.4	02 14.65 -21 10.9	21.7	-0.74	-	2.0	8.0/19.3	21240
2006 DG ₉₈	2009 10 29.4	02 14.67 +11 17.2	21.1	-0.75	-	4.2	0.6/28.8	55217
2001 VR ₈₄	2009 10 29.4	02 14.69 +26 40.9	18.9	-1.17	-	1.1	5.0/01.5	40672
2005 TO ₆₈	2009 10 29.4	02 14.70 +07 27.0	20.5	-0.96	-	6.2	2.4/27.7	59104
2004 RB ₁₃₀	2009 10 29.4	02 14.74 +12 52.7	20.1	-0.88	-	4.3	0.2/29.3	62398
2004 RM ₂₄₅	2009 10 29.4	02 14.80 +18 23.9	20.0	-0.96	-	2.4	1.7/30.6	62400
2002 GG ₁₄₈	2009 10 29.4	02 14.83 +43 20.6	19.3	-2.20	+17.3	14.9/29.0	43154	
2007 CQ ₆₂	2009 10 29.4	02 14.84 +08 51.6	20.6	-0.93	-	7.0	1.7/28.1	40708
2008 HN ₄₉	2009 10 29.4	02 14.87 +19 57.9	20.3	-1.06	-	4.5	2.3/31.1	40605
2008 JV ₂₉	2009 10 29.4	02 14.88 +10 27.0	21.9	-0.98	-	5.4	1.1/28.6	41676
2005 YC ₂₇₀	2009 10 29.4	02 14.88 +32 29.4	20.7	-0.87	-	3.7	4.8/03.9	59107
2003 QL ₃₁	2009 10 29.4	02 14.89 +55 52.8	19.8	-1.27	-	1.8	14.0/14.3	57922
2006 DF ₇₃	2009 10 29.4	02 14.91 +20 48.8	20.8	-1.13	-	1.4	2.7/31.1	02293
2006 DN ₇₁	2009 10 29.4	02 14.92 +11 09.0	20.0	-0.81	-	3.1	0.7/28.8	01376
2000 DH ₈₇	2009 10 29.4	02 14.94 +07 24.5	20.9	-0.96	-	4.5	2.0/27.9	21755
2003 EX ₃₆	2009 10 29.4	02 14.99 -07 08.2	21.2	-0.91	-	2.1	6.1/24.3	14023
2004 PK ₃₉	2009 10 29.4	02 15.00 -03 53.7	20.1	-0.81	-	6.1	5.8/24.4	60370
2008 JP ₂₅	2009 10 29.4	02 15.00 +11 03.4	20.9	-1.01	-	4.4	0.9/28.8	62539
2003 FG ₄	2009 10 29.4	02 15.01 +06 31.7	22.5	-0.83	-	4.5	1.8/27.6	15765
2002 XS ₁₁₅	2009 10 29.4	02 15.01 +15 44.8	19.4	-0.98	-	5.8	1.0/30.0	62364
2002 CU ₂₂₇	2009 10 29.4	02 15.09 +24 01.0	19.7	-0.91	-	6.3	4.1/01.5	94640
2001 XA ₂₁₉	2009 10 29.4	02 15.11 +08 03.6	19.2	-1.09	+	0.2	2.1/28.4	40100
2004 RX ₂₄₂	2009 10 29.5	02 15.02 +05 58.0	20.2	-0.83	-	5.3	2.6/27.4	62400
2008 FB ₇₆	2009 10 29.5	02 15.02 +26 29.3	19.8	-1.79	+	9.1	6.7/30.9	62531
2005 SD ₂₄₇	2009 10 29.5	02 15.02 +15 11.5	20.3	-1.00	-	3.5	0.6/29.9	62437
2007 BF ₄₅	2009 10 29.5	02 15.03 +02 45.5	18.8	-0.91	-	6.7	4.8/26.4	62501
2003 SV ₆₂	2009 10 29.5	02 15.06 -07 22.1	19.0	-0.68	-12.8	7.0/21.7	22740	
2004 RC ₂₃₁	2009 10 29.5	02 15.06 +15 25.3	20.2	-0.87	-	4.0	0.6/30.0	62400

2005 GS ₉₉	2009 10 29.5	02 15.07 +14 30.3	19.3	-1.17	-	3.0	10.8/19.0	62418
2008 EF ₉₅	2009 10 29.5	02 15.08 +04 48.2	20.9	-0.98	-	5.8	3.2/27.2	40201
2001 SV ₂₅₁	2009 10 29.5	02 15.10 +10 10.5	18.6	-0.83	-	6.9	1.5/28.5	62320
2006 EQ ₃	2009 10 29.5	02 15.12 +23 23.2	21.0	-0.87	-	2.4	2.9/01.1	01463
2001 PH ₃₁	2009 10 29.5	02 15.12 +45 15.6	19.9	-1.23	-	5.8	10.0/08.7	59663
2007 CC ₇₃	2009 10 29.5	02 15.14 +17 01.8	19.5	-0.95	-	3.4	1.8/30.4	50028
2007 GU ₇₀	2009 10 29.5	02 15.18 +14 51.0	19.8	-0.95	-	2.7	0.5/29.9	62519
2005 ST ₂₅	2009 10 29.5	02 15.19 +14 07.2	19.6	-1.05	-	1.9	0.2/29.7	21826
2007 CP ₁₄	2009 10 29.5	02 15.20 +17 45.6	19.2	-1.02	-	4.9	1.9/30.6	62502
2001 US ₁₃	2009 10 29.5	02 15.20 +07 34.5	18.0	-0.75	-	7.4	2.9/27.7	62324
2005 UV ₁₀₂	2009 10 29.5	02 15.23 +11 09.8	20.8	-0.89	-	5.5	0.8/28.9	62446
2002 GC ₁₁₃	2009 10 29.5	02 15.23 +01 06.8	19.2	-0.84	-	2.3	3.8/26.5	62346
1994 RJ ₈	2009 10 29.5	02 15.28 +18 38.0	19.5	-0.93	-	3.9	2.5/30.9	45814
2002 EC ₉₅	2009 10 29.5	02 15.28 +13 14.7	19.0	-0.95	-	3.4	0.1/29.5	21778
2001 HV ₁₄	2009 10 29.5	02 15.29 +10 08.6	20.4	-0.98	-	7.4	1.3/28.6	62314
2000 DN ₇₇	2009 10 29.5	02 15.30 +09 57.2	19.9	-0.76	-	3.8	1.0/28.6	62303
2005 US ₁₇	2009 10 29.5	02 15.31 +08 52.3	18.9	-0.82	-10.1	1.8/28.1	62443	
2004 XF ₇₀	2009 10 29.5	02 15.32 +41 05.0	19.0	-0.93	-	7.0	7.2/07.9	50998
2007 FG ₄₅	2009 10 29.5	02 15.32 +10 01.8	20.5	-0.80	-	6.0	1.1/28.5	62517
2004 RW ₉₄	2009 10 29.5	02 15.34 +20 40.0	19.1	-0.90	-	5.5	2.5/31.6	59732
2006 DR ₁₉₈	2009 10 29.5	02 15.34 +15 28.8	20.3	-0.90	-	0.6	0.5/30.0	62482
2007 DB ₉₈	2009 10 29.5	02 15.37 +22 51.8	21.4	-1.02	-	3.2	3.1/31.9	41321
2006 FC ₄₈	2009 10 29.5	02 15.38 +06 00.8	20.0	-0.80	-	3.0	2.2/27.6	01554
2001 XA ₂₃₄	2009 10 29.5	02 15.40 -11 36.8	18.4	-1.13	+	7.7	12.1/26.4	60754
2000 QF ₁₈₆	2009 10 29.5	02 15.42 +24 46.3	19.5	-1.10	-	1.8	4.0/01.3	40088
2007 DR ₅₅	2009 10 29.5	02 15.42 +10 49.4	19.8	-0.92	-	3.5	1.0/28.9	20538
2005 SM ₂₅₄	2009 10 29.5	02 15.43 +07 09.8	18.5	-0.89	-	3.8	3.1/27.9	62438
2005 UO ₆₃	2009 10 29.5	02 15.48 +13 25.5	19.6	-0.90	-	6.5	0.1/29.6	62445
2002 VR ₇₆	2009 10 29.5	02 15.50 -00 58.6	18.5	-1.10	+	0.3	6.5/26.7	62362
2007 AW ₁₇	2009 10 29.5	02 15.51 +21 19.0	21.0	-1.11	-	2.9	3.0/31.5	28291
2005 YP ₂₀₁	2009 10 29.6	02 15.41 +09 10.8	20.0	-0.85	-	3.7	1.5/28.4	62472
2002 TD ₁	2009 10 29.6	02 15.42 +12 05.4	18.4	-1.02	-	3.1	0.7/29.2	62356
2001 DX ₂₂	2009 10 29.6	02 15.48 +10 03.4	21.9	-0.77	-	3.7	0.9/28.7	02029
2005 WK ₁₁₃	2009 10 29.6	02 15.48 +08 10.8	19.6	-0.91	-	7.6	2.1/28.0	11151
2007 CP ₂₄	2009 10 29.6	02 15.49 +09 34.4	21.1	-0.93	-	5.2	1.3/28.5	41314
2007 HF ₉₀	2009 10 29.6	02 15.53 +06 57.7	20.1	-0.92	-	3.3	2.1/27.9	22890
2004 TG ₂₁₄	2009 10 29.6	02 15.54 +12 12.2	20.5	-0.83	-	4.7	0.4/29.2	62408
2005 QU ₁₇₂	2009 10 29.6	02 15.55 +12 02.5	18.7	-0.80	-	9.5	0.7/29.1	62429
2001 XA ₁₃₆	2009 10 29.6	02 15.56 +13 56.9	19.3	-0.90	-	5.9	0.1/29.7	62332
2005 TO ₁₀₇	2009 10 29.6	02 15.56 -04 43.3	19.8	-0.92	-	2.5	6.5/24.8	97861
2006 BZ ₅₈	2009 10 29.6	02 15.57 +23 11.8	19.3	-0.93	-	2.2	3.2/01.1	97025
2005 WE ₂₆	2009 10 29.6	02 15.58 +12 46.6	19.7	-0.97	-	1.9	0.4/29.4	62460
2000 UM ₁₈	2009 10 29.6	02 15.60 +11 23.2	18.6	-1.08	+	1.4	0.9/29.2	19530
2002 VW ₁₀₂	2009 10 29.6	02 15.66 +16 47.3	19.3	-1.11	-	2.2	1.3/30.4	62362
2007 EX ₁₉₇	2009 10 29.6	02 15.68 +03 05.6	20.5	-0.79	-12.7	3.7/26.0	41868	
2005 WH ₇₂	2009 10 29.6	02 15.69 -12 41.3	18.8	-0.93	+	0.5	11.6/23.4	62461
2006 AZ ₆₇	2009 10 29.6	02 15.70 +10 13.8	21.1	-0.75	-	3.8	0.9/28.7	47374
2005 AO ₃₄	2009 10 29.6	02 15.77 +31 58.9	19.0	-0.84	-	6.6	5.4/04.5	59748
2002 RF ₃₁	2009 10 29.6	02 15.79 +08 30.9	18.6	-0.88	-	9.2	2.4/28.1	62353
2006 ER ₃₅	2009 10 29.6	02 15.79 +22 40.2	20.7	-0.87	-	1.8	2.6/32.0	01482
2005 NG ₃₄	2009 10 29.6	02 15.79 +07 20.8	20.6	-1.03	-	4.8	2.4/28.1	40135

2006 AP ₂₅	2009 10 29.6	02 15.81 +09 37.3 20.4	-0.85 - 3.6	1.3/28.6	20834
2001 XR ₁₃₂	2009 10 29.6	02 15.83 +16 54.0 18.6	-0.81 - 8.1	1.5/30.7	62332
2005 WM ₇₄	2009 10 29.6	02 15.84 -08 46.9 18.8	-0.79 - 7.7	8.7/22.3	62462
2001 SH ₂₆₃	2009 10 29.6	02 15.85 +07 27.3 18.4	-0.89 -25.7	2.9/27.3	25993
2007 ER ₉₇	2009 10 29.6	02 15.87 +13 16.1 21.5	-0.94 - 4.3	0.1/29.6	26257
2007 JR ₃₈	2009 10 29.7	02 15.79 +15 46.7 21.1	-0.92 - 4.4	0.7/30.3	20678
2003 SE ₃₃₀	2009 10 29.7	02 15.80 +23 57.6 20.4	-0.94 - 2.1	3.3/01.4	20318
2008 GR ₁₀₃	2009 10 29.7	02 15.83 +06 46.7 20.8	-1.01 - 3.1	2.4/28.1	40212
2006 EC ₄₃	2009 10 29.7	02 15.83 +12 09.3 19.3	-0.95 + 0.7	0.4/29.4	43265
2005 MP ₃	2009 10 29.7	02 15.86 +04 26.7 18.9	-0.95 - 8.4	3.9/27.1	62421
2006 PK ₂₈	2009 10 29.7	02 15.87 -32 57.6 19.0	-1.39 + 9.6	22.9/23.1	60864
2002 AE ₁₂	2009 10 29.7	02 15.87 -07 35.5 21.0	-0.87 - 3.3	6.4/23.9	20757
1998 HU ₄₂	2009 10 29.7	02 15.88 +05 01.1 20.4	-0.86 - 6.4	2.9/27.2	20241
2008 GA ₁₅	2009 10 29.7	02 15.88 +13 41.9 20.4	-1.04 - 5.3	9.6/19.0	62533
2002 UR ₇₀	2009 10 29.7	02 15.90 +04 40.5 19.8	-0.92 - 7.9	3.8/27.1	62360
2000 CR ₇₂	2009 10 29.7	02 15.93 +08 28.6 19.0	-0.87 - 4.3	2.7/28.3	62302
2005 YJ ₃₂	2009 10 29.7	02 15.93 -02 52.2 20.7	-0.81 - 2.9	5.0/25.3	40158
2002 FQ ₇	2009 10 29.7	02 15.94 -06 28.2 21.3	-0.77 - 4.9	5.5/23.9	48864
2003 SJ ₂₅₇	2009 10 29.7	02 15.95 +19 48.9 19.0	-0.93 - 0.8	2.0/31.2	62377
2005 YO ₂₄₀	2009 10 29.7	02 15.95 +18 07.0 20.4	-0.90 - 4.0	1.6/30.9	20833
1999 VQ ₁₅₀	2009 10 29.7	02 15.96 +15 01.0 19.4	-0.84 - 4.5	0.5/30.1	19518
2007 EN ₁₂₇	2009 10 29.7	02 15.97 +28 50.5 19.9	-1.09 - 1.6	5.5/02.5	22883
2004 HL ₁₂	2009 10 29.7	02 15.97 +09 50.8 19.4	-0.93 - 7.8	1.5/28.6	62391
2002 CJ ₁₉₂	2009 10 29.7	02 15.98 +08 31.0 20.8	-0.90 - 4.1	1.7/28.4	19571
2005 VS ₁₂₇	2009 10 29.7	02 16.00 +09 34.0 20.6	-0.94 - 4.6	1.8/28.7	21849
2006 CL ₂₂	2009 10 29.7	02 16.03 +00 32.2 19.9	-0.76 - 5.8	4.3/25.8	41844
2004 TN ₂₈₁	2009 10 29.7	02 16.05 +17 20.6 19.5	-0.91 - 2.8	1.3/30.7	62409
2001 QX ₉₀	2009 10 29.7	02 16.06 +11 23.7 17.5	-0.91 -28.0	1.0/28.9	62315
2003 RQ ₁₇	2009 10 29.7	02 16.08 +14 35.0 18.8	-0.75 - 7.2	0.3/30.1	62374
2002 CB ₈₁	2009 10 29.7	02 16.09 +33 26.5 19.3	-1.07 - 2.1	7.0/03.9	62340
2005 YT ₂₀	2009 10 29.7	02 16.14 +09 03.6 19.9	-0.85 - 3.7	1.5/28.6	62468
2006 CG ₃₃	2009 10 29.7	02 16.15 +11 48.9 19.1	-1.00 - 0.1	0.7/29.4	59771
2004 DN ₁₅	2009 10 29.7	02 16.15 +06 46.0 19.6	-1.00 - 6.5	2.9/27.9	89515
2004 LD ₁	2009 10 29.7	02 16.16 -03 42.1 20.0	-1.07 + 1.6	7.0/26.6	66384
2005 YE ₆₃	2009 10 29.7	02 16.17 +03 22.4 19.7	-0.88 - 2.9	3.6/27.2	62469
1999 KM ₂	2009 10 29.7	02 16.17 +04 53.9 19.7	-0.98 - 1.1	2.9/27.8	62297
2006 DZ ₉₆	2009 10 29.7	02 16.19 +38 51.9 18.9	-1.33 + 4.6	9.5/03.6	41846
2006 DP ₁₄₃	2009 10 29.7	02 16.20 +15 47.6 21.4	-0.82 - 3.7	0.7/30.4	02298
2000 EU ₁₃	2009 10 29.7	02 16.24 +08 41.1 20.1	-1.00 - 4.7	1.8/28.5	40665
2005 UA ₁₁₄	2009 10 29.7	02 16.25 -04 35.5 19.5	-1.60 +10.7	8.0/28.1	19214
2004 JV ₄₃	2009 10 29.7	02 16.26 +09 59.1 21.0	-0.98 - 4.1	1.3/28.9	59725
2005 UD ₁₃₂	2009 10 29.8	02 16.19 +05 17.2 19.1	-0.65 -13.8	3.8/26.7	61964
2005 VE ₄₁	2009 10 29.8	02 16.20 +09 16.0 20.9	-0.88 - 5.0	1.5/28.6	20823
2005 MQ ₁₁	2009 10 29.8	02 16.21 -09 28.6 19.6	-0.54 - 1.5	4.5/23.1	58502
2004 CY ₁₀₉	2009 10 29.8	02 16.23 -19 16.9 21.0	-0.92 - 6.3	10.9/19.2	62504
2008 FZ ₆₇	2009 10 29.8	02 16.32 +09 25.8 21.2	-1.02 - 6.4	1.6/28.7	39303
2008 SJ ₂₇₇	2009 10 29.8	02 16.32 +26 12.7 20.2	-0.65 - 0.4	2.3/02.2	58167
2004 VK ₃₅	2009 10 29.8	02 16.38 +06 46.8 20.0	-0.84 - 2.7	2.1/28.1	97769
2005 QJ ₃₁	2009 10 29.8	02 16.38 +10 00.8 19.0	-0.82 - 6.0	1.8/28.8	20379
2008 RK ₁₄	2009 10 29.8	02 16.39 +21 52.7 20.0	-0.55 - 2.7	1.5/01.3	56132
2007 CD ₁₂	2009 10 29.8	02 16.41 +20 14.9 21.4	-0.95 - 4.4	2.0/31.6	41860

2007 GK ₅₈	2009 10 29.8	02 16.47 +05 36.3 20.8	-0.73 - 5.5	2.4/27.5	62519
2005 QH ₁₅₅	2009 10 29.8	02 16.50 +00 21.5 20.4	-0.98 - 4.1	5.2/26.5	62429
2005 NG ₄₃	2009 10 29.8	02 16.54 +06 10.6 20.6	-0.99 - 5.9	2.9/27.9	39216
2003 SS ₄₅	2009 10 29.8	02 16.55 +31 10.9 19.1	-1.14 + 1.7	5.5/02.6	02163
2004 PP ₃₇	2009 10 29.8	02 16.55 -02 32.2 20.0	-0.84 - 5.4	5.4/25.4	59727
2005 UE ₄₄₃	2009 10 29.8	02 16.59 +21 34.6 19.3	-0.82 -12.8	3.4/01.7	97952
2002 AG ₁₈₇	2009 10 29.8	02 16.61 +05 31.5 18.0	-0.99 - 0.5	3.7/28.0	62338
2006 BR ₆₆	2009 10 29.8	02 16.64 +27 15.4 21.4	-0.84 - 3.4	3.5/02.7	53467
2006 BU ₈₁	2009 10 29.9	02 16.57 -03 11.2 20.5	-0.74 - 4.4	5.0/25.0	43254
2007 GH ₁₈	2009 10 29.9	02 16.57 -03 23.0 20.9	-0.93 - 1.5	5.1/25.7	20863
2008 FZ ₆₉	2009 10 29.9	02 16.59 +11 31.0 18.5	-1.10 + 0.7	0.9/30.0	60902
2005 QT ₁₄₃	2009 10 29.9	02 16.59 +19 57.0 21.2	-1.11 - 4.7	2.4/31.5	55186
2000 UF ₈₀	2009 10 29.9	02 16.61 +24 52.8 17.8	-0.76 -11.4	4.7/02.9	60734
2003 OK ₂₆	2009 10 29.9	02 16.62 +19 11.4 18.7	-0.81 - 5.5	2.0/31.5	18056
2008 HO ₁₅	2009 10 29.9	02 16.62 +04 46.3 21.6	-0.90 - 4.8	2.9/27.5	41643
2002 EB ₈₂	2009 10 29.9	02 16.64 +18 56.1 19.9	-0.91 - 3.7	1.8/31.3	18002
2007 EU ₁₃₂	2009 10 29.9	02 16.66 +14 36.5 20.1	-1.00 - 4.4	10.5/10.0	21878
2006 AD ₇₉	2009 10 29.9	02 16.69 -05 12.6 20.1	-0.79 - 3.7	6.3/24.7	62475
2003 QU ₁₁₂	2009 10 29.9	02 16.74 +22 30.5 19.6	-0.82 -11.3	2.8/02.0	55099
2004 XB ₃₄	2009 10 29.9	02 16.75 +21 20.9 19.4	-0.80 - 6.1	2.5/01.2	57408
2001 UC ₁₇₁	2009 10 29.9	02 16.80 +15 49.3 18.9	-0.98 + 0.2	1.1/30.4	97498
2005 QE ₁₁₁	2009 10 29.9	02 16.81 +23 28.9 19.8	-1.07 - 2.0	4.4/01.3	20383
2007 HG ₄₈	2009 10 29.9	02 16.82 +09 33.8 20.2	-0.82 - 2.1	1.1/28.9	41873
1999 XJ ₁₄₆	2009 10 29.9	02 16.88 +13 35.7 21.1	-1.04 - 5.8	9.9/10.0	62300
2007 EN ₅₂	2009 10 29.9	02 16.90 +10 39.0 21.9	-0.84 - 5.5	0.8/29.1	20853
2004 QQ ₃	2009 10 29.9	02 16.91 +31 55.3 20.5	-1.01 - 4.1	5.4/04.2	18082
1995 MU ₆	2009 10 29.9	02 16.93 +03 55.8 20.7	-0.89 - 6.0	3.6/27.3	39133
2002 XT ₁₀₂	2009 10 29.9	02 16.95 +12 37.8 18.8	-0.89 - 5.9	0.5/29.7	60780
2003 HP ₁₁	2009 10 29.9	02 16.99 +01 43.3 20.1	-0.94 - 2.9	3.8/27.0	62371
2005 WO ₁₅	2009 10 29.9	02 17.01 +13 37.1 18.9	-0.89 - 4.4	10.9/10.0	97979
2005 SH ₂₇₁	2009 10 29.9	02 17.03 +10 54.5 21.3	-0.94 - 6.6	1.0/29.2	62438
1995 QB ₄	2009 10 30.0	02 16.95 +30 11.4 20.4	-1.05 - 1.8	5.4/03.2	17891
2001 KW ₂₇	2009 10 30.0	02 16.95 +09 30.3 19.5	-1.09 - 2.5	1.6/29.0	62314
2002 SD ₁₈	2009 10 30.0	02 16.95 +09 01.2 19.5	-0.97 - 7.0	2.0/28.7	62356
2007 ES ₂₁₇	2009 10 30.0	02 16.95 +15 54.7 21.4	-0.95 - 3.8	0.8/30.6	37614
2005 PT ₁₆	2009 10 30.0	02 16.98 +14 46.0 19.9	-1.03 - 5.2	0.4/30.3	62425
2005 VR ₆₉	2009 10 30.0	02 16.99 +06 52.7 20.1	-0.93 - 2.9	2.9/28.3	96392
2005 WA ₂₁	2009 10 30.0	02 17.00 +19 45.8 19.3	-0.94 - 4.8	2.5/31.7	18156
2004 CH ₈₄	2009 10 30.0	02 17.00 +11 24.7 20.6	-0.63 - 3.2	0.5/29.4	62384
2005 QL ₅₈	2009 10 30.0	02 17.03 +13 01.6 19.9	-0.89 - 3.1	0.4/29.8	90230
2003 QM ₁₀	2009 10 30.0	02 17.05 +27 48.6 18.2	-0.79 -13.0	4.6/04.2	62373
2002 TS ₁₂₉	2009 10 30.0	02 17.07 +20 31.5 17.9	-0.72 - 9.3	3.6/01.3	41815
2002 RY ₂₆₉	2009 10 30.0	02 17.08 +04 58.7 21.3	-1.02 - 6.0	3.5/27.7	35823
2007 ER ₁₃₅	2009 10 30.0	02 17.09 +08 21.0 20.5	-0.83 - 5.7	1.8/28.5	37614
2007 FC ₁₁	2009 10 30.0	02 17.13 +16 17.1 20.9	-0.81 - 6.5	0.8/30.8	20859
2003 BJ ₆₉	2009 10 30.0	02 17.16 +07 40.7 19.7	-0.95 - 5.1	2.6/28.4	18040
2007 HV ₉₄	2009 10 30.0	02 17.18 +11 08.6 19.6	-0.87 - 5.4	1.0/29.3	59522
2004 DN ₆₁	2009 10 30.0	02 17.19 +15 41.7 21.2	-0.66 - 3.2	0.4/30.6	62516
2006 BV ₁₅₈	2009 10 30.0	02 17.27 +07 32.4 20.6	-0.81 - 3.9	2.0/28.4	97095
2005 RE ₁₇	2009 10 30.0	02 17.27 +10 47.7 19.8	-1.02 - 3.9	1.2/29.3	60833
2005 WG ₇₁	2009 10 30.0	02 17.30 +10 49.3 18.4	-0.92 - 1.2	1.4/29.4	18158

2005 XJ ₅₇	2009 10 30.0	02 17.31 -08 16.5 19.7	-0.79 -11.0	7.8/22.4	20458
2005 XN ₂₅	2009 10 30.0	02 17.32 +10 54.3 18.6	-0.95 - 2.2	1.2/29.4	62466
2007 EN ₃	2009 10 30.0	02 17.33 +17 02.2 20.1	-0.98 - 4.7	1.2/30.9	62509
2002 LN ₆	2009 10 30.0	02 17.35 -10 39.5 20.1	-0.82 - 0.8	6.7/24.1	20767
2007 BR ₅₄	2009 10 30.0	02 17.36 +10 18.3 19.2	-1.03 - 2.5	1.6/29.3	40174
2004 JR ₃₁	2009 10 30.0	02 17.37 +07 29.7 20.9	-0.97 - 3.6	2.1/28.5	21581
2005 WB ₂₄	2009 10 30.0	02 17.38 +15 11.4 18.5	-0.95 - 3.2	0.6/30.5	62460
1998 ST ₄₄	2009 10 30.1	02 17.37 +15 20.7 19.5	-1.00 - 6.4	0.6/30.5	62295
2007 BO ₁₄	2009 10 30.1	02 17.40 +19 51.5 20.9	-1.00 - 4.2	2.0/31.7	19329
2007 DK ₂₈	2009 10 30.1	02 17.42 +03 02.9 21.4	-0.86 - 4.8	3.5/27.2	62505
2008 GP ₁₂₀	2009 10 30.1	02 17.42 +09 16.6 19.3	-1.12 - 1.2	1.9/29.2	62535
2001 VN ₃₄	2009 10 30.1	02 17.43 +16 40.8 17.9	-0.87 - 7.3	1.2/31.0	59671
1998 VR ₅₅	2009 10 30.1	02 17.46 +12 19.2 18.5	-0.95 + 0.1	0.5/29.8	62296
2006 YR ₉	2009 10 30.1	02 17.48 +19 16.9 20.9	-1.08 - 5.3	2.2/31.6	22866
2005 UN ₁₅₆	2009 10 30.1	02 17.49 +14 01.0 20.0	-0.99 - 3.9	0.1/30.2	62447
2005 UJ ₃₄₈	2009 10 30.1	02 17.53 -04 59.5 19.4	-0.79 - 3.2	6.0/25.0	62452
1995 DV ₆	2009 10 30.1	02 17.54 +18 18.8 20.3	-1.00 - 3.4	1.6/31.3	62291
2005 EN ₂₁₀	2009 10 30.1	02 17.64 +23 27.6 21.2	-0.68 - 2.2	2.0/01.8	56976
2009 SX ₇₀	2009 10 30.1	02 17.64 +06 53.3 20.2	-0.50 - 3.5	1.3/28.1	62210
2005 QW ₁₇₇	2009 10 30.1	02 17.67 +12 44.1 20.7	-1.00 - 5.4	0.4/29.9	62429
2003 OS ₂₀	2009 10 30.1	02 17.68 +01 00.7 19.1	-0.86 - 1.7	4.2/27.1	62373
2001 YZ ₃₉	2009 10 30.1	02 17.69 +01 04.9 19.3	-1.04 - 1.2	4.6/27.2	62335
2004 RU ₂₀₄	2009 10 30.1	02 17.72 +21 28.0 20.3	-0.89 - 5.3	2.8/01.3	18092
2004 AN ₅	2009 10 30.1	02 17.72 +21 16.8 19.3	-1.08 - 6.0	3.3/01.2	20789
2001 XH ₄	2009 10 30.1	02 17.74 -15 28.1 20.4	-1.24 + 2.9	10.1/24.0	00092
2006 AO ₂₇	2009 10 30.1	02 17.75 +13 22.5 19.9	-0.81 - 4.9	0.1/30.1	62474
2002 JU ₉₁	2009 10 30.1	02 17.75 +14 54.1 19.0	-0.79 - 5.4	0.3/30.5	59680
2005 SP ₂₆₁	2009 10 30.1	02 17.75 +11 23.3 20.4	-0.98 - 5.7	0.9/29.5	62438
2004 BW ₉₉	2009 10 30.1	02 17.76 +00 43.5 19.6	-0.98 - 4.8	5.6/26.7	62383
2007 GX ₁₇	2009 10 30.1	02 17.78 +20 48.9 20.5	-0.93 - 0.4	1.9/31.8	59793
2007 GY ₁₁	2009 10 30.1	02 17.79 +02 11.5 19.7	-0.96 - 4.6	4.9/27.1	62518
2002 VO ₈₉	2009 10 30.1	02 17.84 +27 52.9 19.3	-1.50 + 4.1	5.7/01.3	21789
2002 JD ₁₃₈	2009 10 30.2	02 17.73 +14 30.7 20.3	-1.09 - 7.0	0.3/30.4	62348
2006 WJ ₁₈₄	2009 10 30.2	02 17.73 +18 23.6 20.1	-1.09 - 4.3	1.8/31.3	60881
2005 VF ₁₀₉	2009 10 30.2	02 17.74 +13 20.2 20.4	-0.97 - 4.1	0.2/30.1	20824
2005 SV ₂₅₃	2009 10 30.2	02 17.76 +01 53.4 19.9	-0.94 - 5.5	4.8/27.0	62438
2004 TZ ₁₄₃	2009 10 30.2	02 17.77 +13 26.5 19.8	-0.86 - 3.6	0.1/30.1	22779
2007 CK ₁₆	2009 10 30.2	02 17.77 +04 52.2 19.1	-0.95 - 3.3	4.4/28.0	62502
1998 RB ₅₁	2009 10 30.2	02 17.77 +28 14.9 19.2	-0.94 - 2.1	5.1/03.0	10694
1998 DS ₁₆	2009 10 30.2	02 17.79 +21 11.3 20.0	-0.97 - 5.6	2.8/01.2	97333
1998 QA ₅₉	2009 10 30.2	02 17.81 +19 39.6 18.7	-1.03 - 3.2	2.7/31.7	59062
2005 UG ₃₅₈	2009 10 30.2	02 17.82 +14 46.2 20.6	-0.93 - 6.8	0.4/30.5	18148
2005 UA ₁₂₉	2009 10 30.2	02 17.83 +15 33.1 20.2	-0.91 - 6.1	0.7/30.7	19661
2004 RL ₁₁₆	2009 10 30.2	02 17.84 +06 25.3 18.9	-0.88 - 2.9	2.7/28.4	18089
2000 SW ₃₀₈	2009 10 30.2	02 17.85 +24 41.1 19.1	-0.90 - 6.3	4.1/02.4	97404
2005 PO ₂	2009 10 30.2	02 17.86 +21 22.5 20.1	-1.10 - 5.3	2.9/01.2	39219
2001 DG ₄₁	2009 10 30.2	02 17.87 -12 30.1 20.6	-0.93 - 8.2	8.4/22.1	39147
2004 RH ₃₂₄	2009 10 30.2	02 17.89 +05 10.6 19.7	-0.84 - 4.2	3.2/27.9	60812
2005 UP ₁₆₁	2009 10 30.2	02 17.89 -02 05.4 19.4	-0.92 - 3.2	5.5/26.2	62448
2002 CW ₁₆₀	2009 10 30.2	02 17.90 +31 27.6 19.8	-1.11 - 1.5	6.6/03.5	97569
2008 EQ ₁₄₇	2009 10 30.2	02 17.91 +12 52.2 20.6	-1.05 - 5.4	0.4/30.0	62529

2005 UQ ₂₄	2009 10 30.2	02 17.94 +16 19.7 20.1	-0.97 - 4.7	0.9/30.9	26070
2008 DM ₆₈	2009 10 30.2	02 17.94 +06 18.7 21.2	-1.00 - 6.8	2.9/28.2	40198
2003 QU ₁₁₄	2009 10 30.2	02 17.94 -01 40.0 20.1	-0.74 - 6.7	4.6/25.6	62374
2005 MQ ₃₆	2009 10 30.2	02 17.96 -02 17.6 18.9	-0.95 - 2.0	7.6/26.4	62421
2007 FR ₁₅	2009 10 30.2	02 17.96 +31 21.9 20.5	-0.98 - 3.2	5.1/04.1	22885
2005 UV ₂₃₈	2009 10 30.2	02 17.97 -01 45.3 19.8	-1.05 + 1.0	6.0/27.0	19663
2000 SY ₁₅₂	2009 10 30.2	02 17.98 +11 22.2 18.6	-0.84 - 9.3	0.9/29.5	62308
2005 YM ₂₀₀	2009 10 30.2	02 17.98 +09 46.6 20.7	-0.83 - 3.6	1.3/29.2	20833
2002 VS ₁₄₆	2009 10 30.2	02 18.02 +13 17.0 19.5	-1.01 - 5.6	0.2/30.1	58817
2003 AM ₅₆	2009 10 30.2	02 18.04 +23 03.6 20.4	-1.07 - 4.1	3.6/01.6	59692
2005 LZ	2009 10 30.2	02 18.05 +24 09.6 20.4	-1.16 - 5.4	4.2/02.0	11104
2005 UL ₅₁₂	2009 10 30.2	02 18.06 +08 43.5 20.2	-1.04 - 1.1	1.9/29.2	39248
2006 DK ₄₄	2009 10 30.2	02 18.09 +16 05.5 20.4	-0.78 - 4.4	0.6/30.9	62481
2007 EN ₉₉	2009 10 30.2	02 18.10 +10 45.1 19.9	-0.87 - 5.0	1.2/29.5	62512
2002 EJ ₉₃	2009 10 30.2	02 18.12 +28 43.0 19.3	-1.11 - 0.4	5.9/02.6	94698
1995 SY ₂₆	2009 10 30.2	02 18.13 +17 33.8 19.6	-1.10 - 2.9	1.6/31.2	62292
2007 DG ₁₁₃	2009 10 30.2	02 18.13 -08 12.8 21.7	-0.88 - 2.5	6.1/24.5	41864
2007 HE ₆₄	2009 10 30.2	02 18.14 +09 44.0 20.2	-0.87 - 2.7	1.3/29.3	21365
2005 UY ₃₅₇	2009 10 30.2	02 18.16 +22 36.3 20.1	-1.07 - 3.5	3.2/01.5	14770
2008 HG ₄₀	2009 10 30.2	02 18.18 +14 49.4 20.9	-1.05 - 5.0	0.4/30.6	62537
2003 SU ₃₃₀	2009 10 30.3	02 18.14 +15 48.4 20.6	-0.89 - 1.2	0.6/30.8	62378
2001 UB ₈₃	2009 10 30.3	02 18.20 +09 12.5 18.5	-0.72 - 9.9	2.2/28.8	62325
2004 EJ ₁₃	2009 10 30.3	02 18.28 +15 56.9 19.6	-1.10 - 2.5	0.8/30.8	61887
2001 VV ₄₂	2009 10 30.3	02 18.28 +22 06.5 18.0	-0.89 - 7.2	3.4/01.8	62327
2003 SZ ₂₀₂	2009 10 30.3	02 18.31 +24 28.9 19.6	-0.94 - 0.7	3.9/01.9	87590
2002 CJ ₂₉	2009 10 30.3	02 18.32 +32 24.6 20.2	-1.06 - 2.6	6.1/04.1	69172
2009 RV ₂₅	2009 10 30.3	02 18.32 +06 35.7 20.5	-0.49 - 3.9	1.3/28.2	62185
2008 LH ₁₇	2009 10 30.3	02 18.35 +07 27.6 22.4	-0.94 - 5.4	2.1/28.7	41699
2001 VF ₇₀	2009 10 30.3	02 18.36 +19 17.2 19.5	-1.06 - 1.3	2.2/31.6	62327
2003 HF ₁₇	2009 10 30.3	02 18.37 +09 06.4 20.7	-0.86 - 5.5	1.5/29.0	60786
2007 DO ₃₇	2009 10 30.3	02 18.37 +19 58.9 20.3	-1.04 - 3.9	2.4/31.9	20536
2003 AQ ₁₅	2009 10 30.3	02 18.39 +14 40.3 20.2	-1.03 - 4.0	0.3/30.6	58446
2002 AF ₈	2009 10 30.3	02 18.39 +10 25.0 20.0	-0.88 - 4.8	1.3/29.4	62336
2001 FL ₁₂₃	2009 10 30.3	02 18.40 +04 06.6 20.1	-0.71 - 7.1	2.7/27.4	41764
2007 BS ₇₉	2009 10 30.3	02 18.40 +13 51.3 20.6	-0.97 - 5.7	0.0/30.4	62502
2005 QD ₁₄₁	2009 10 30.3	02 18.43 +05 00.4 20.2	-0.96 - 5.3	3.4/28.0	58507
2006 BC ₁₆₃	2009 10 30.3	02 18.45 +10 15.4 20.1	-0.81 - 4.2	1.2/29.4	18175
2000 AH ₁	2009 10 30.3	02 18.45 +49 58.4 19.8	-0.73 - 2.3	6.0/11.7	24300
1998 VM ₄₃	2009 10 30.3	02 18.46 +11 05.2 20.0	-0.96 - 4.2	1.2/29.7	61830
2001 VM ₉₃	2009 10 30.3	02 18.47 -11 11.6 18.6	-0.95 + 0.2	11.6/23.9	62328
2003 RS ₁₇	2009 10 30.3	02 18.50 +12 01.9 19.2	-0.74 - 7.4	0.6/29.8	62374
2007 GC ₁	2009 10 30.3	02 18.51 -06 11.9 20.3	-0.85 - 4.6	6.0/24.6	59793
2001 RP ₂₂	2009 10 30.3	02 18.54 +12 09.1 19.5	-0.90 - 5.4	0.8/29.9	33321
2008 LF ₁₃	2009 10 30.3	02 18.54 +09 05.5 21.9	-0.99 - 5.0	1.6/29.2	41696
2002 TB ₁₉	2009 10 30.3	02 18.54 +18 57.3 20.0	-1.15 - 4.2	2.1/31.7	39173
2005 OK ₂₀	2009 10 30.3	02 18.58 +09 05.6 20.0	-1.00 - 4.3	2.0/29.2	38881
2003 ST ₃₃₈	2009 10 30.3	02 18.58 +15 37.8 21.3	-0.85 - 1.7	0.5/30.8	21571
2001 XP ₄	2009 10 30.3	02 18.59 -22 01.9 19.1	-1.45 + 5.4	16.1/23.9	40099
2003 KH ₄	2009 10 30.3	02 18.63 -18 08.2 20.2	-1.60 + 8.5	15.6/26.4	95006
2004 RR ₂₀₈	2009 10 30.4	02 18.51 +39 02.5 19.1	-1.03 - 4.5	8.7/07.0	62400
2001 QJ ₂₀₀	2009 10 30.4	02 18.52 +09 55.7 18.3	-0.95 -25.3	1.8/28.9	39150

2001 HD ₃	2009 10 30.4	02 18.53 +13 26.8 20.3	-1.08	- 3.4	0.1/30.3	62314
2005 NR ₁₂₃	2009 10 30.4	02 18.55 +18 09.9 19.3	-0.95	- 5.6	1.9/31.6	18114
2007 GS ₃₃	2009 10 30.4	02 18.60 +11 57.2 20.8	-0.76	- 4.9	0.5/29.9	43279
2004 GP ₈₇	2009 10 30.4	02 18.61 +02 12.4 19.7	-1.02	- 3.1	4.5/27.6	62391
2008 FZ ₁₀₄	2009 10 30.4	02 18.62 +09 42.8 21.4	-0.95	- 6.1	1.4/29.3	40207
2005 UP ₂₁₅	2009 10 30.4	02 18.62 +13 53.4 17.5	-0.83	- 9.1	0.0/30.4	62449
2007 TJ ₃₅₀	2009 10 30.4	02 18.64 +17 21.5 20.3	-0.53	- 2.2	0.6/31.4	62522
2000 DB ₉₇	2009 10 30.4	02 18.70 -23 03.0 21.0	-0.72	- 4.3	9.0/18.0	93806
2002 CM ₂₂	2009 10 30.4	02 18.71 +35 47.9 21.1	-1.01	- 3.0	5.9/05.4	47199
2004 LL ₂₀	2009 10 30.4	02 18.74 +03 32.4 20.2	-0.89	- 5.9	3.6/27.6	62393
2005 JY ₂₈	2009 10 30.4	02 18.74 -00 01.9 20.2	-0.52	- 2.7	2.7/26.4	47350
2004 RY ₉₆	2009 10 30.4	02 18.75 +27 16.0 18.8	-0.89	- 5.6	5.3/03.4	95364
2005 UJ ₂₉₇	2009 10 30.4	02 18.78 +14 29.5 19.8	-0.92	- 5.5	0.2/30.6	62451
2006 XO ₃₈	2009 10 30.4	02 18.80 +13 28.8 19.4	-1.02	- 3.3	0.2/30.4	19324
2008 HT ₃₃	2009 10 30.4	02 18.81 +00 29.8 19.9	-0.98	- 4.1	5.1/27.1	40767
2002 YO ₈	2009 10 30.4	02 18.82 +04 33.1 18.6	-0.97	- 3.8	4.3/28.1	62365
2003 SB ₁₁	2009 10 30.4	02 18.83 +20 32.7 19.4	-0.89	- 1.9	2.1/01.1	41793
2004 RC ₉₉	2009 10 30.4	02 18.84 +02 52.1 20.3	-0.81	- 7.3	3.9/27.2	62398
2001 SD ₂₅₅	2009 10 30.4	02 18.85 +11 08.1 19.8	-0.68	- 4.5	0.7/29.7	62320
2008 LB ₁₆	2009 10 30.4	02 18.91 -04 31.7 19.5	-1.00	+ 0.3	7.3/26.7	41927
2005 SS ₂₇₈	2009 10 30.4	02 18.96 +15 12.5 20.7	-0.98	- 4.9	0.5/30.8	19655
2000 TS ₅₇	2009 10 30.4	02 18.97 +03 39.6 19.3	-0.84	- 5.3	3.9/27.7	62309
2007 DH ₂₆	2009 10 30.4	02 18.97 +08 26.3 21.0	-0.97	- 4.8	2.0/29.1	19702
2006 WA ₂₀₄	2009 10 30.5	02 18.91 +26 32.7 19.9	-1.03	- 6.0	5.9/03.1	41298
2003 BO ₆₅	2009 10 30.5	02 18.92 +18 55.9 19.0	-0.96	- 5.6	2.2/31.9	60783
2005 UP ₁₆₉	2009 10 30.5	02 18.95 +14 28.8 19.5	-1.06	- 1.0	0.3/30.6	62448
2005 UB ₂₄₂	2009 10 30.5	02 18.97 +16 12.2 20.1	-0.99	- 2.3	0.9/31.1	62450
2008 GR ₆₀	2009 10 30.5	02 18.98 +07 20.0 19.8	-1.07	- 3.0	2.5/29.0	59133
2005 QM ₁₅₅	2009 10 30.5	02 18.98 -01 00.8 20.2	-0.98	- 3.5	5.9/26.8	40139
2005 VW ₆₅	2009 10 30.5	02 19.01 +08 02.7 20.6	-1.04	- 0.5	2.4/29.3	18153
2005 YD ₂₀₃	2009 10 30.5	02 19.02 +05 19.4 20.6	-0.86	- 4.4	2.8/28.2	26120
2002 FW ₃	2009 10 30.5	02 19.03 -07 06.0 20.0	-0.78	- 5.1	6.2/24.4	47210
2004 GC ₈₇	2009 10 30.5	02 19.04 +25 00.3 20.7	-1.04	- 5.3	3.9/02.6	22481
2007 GZ ₃	2009 10 30.5	02 19.06 +09 14.8 19.8	-0.82	- 1.8	1.3/29.4	62517
2006 BZ ₂₆₄	2009 10 30.5	02 19.09 +26 03.8 20.6	-0.86	- 2.6	3.4/02.8	47385
2004 PW ₃₂	2009 10 30.5	02 19.09 +15 52.0 19.3	-0.96	- 3.0	0.7/31.0	62394
2005 YF ₂₃	2009 10 30.5	02 19.10 +09 03.6 20.4	-0.84	- 3.8	1.6/29.3	20829
2006 DV ₁₅₇	2009 10 30.5	02 19.11 -01 49.4 20.3	-0.73	- 5.4	4.9/25.9	58526
2005 VU ₇₁	2009 10 30.5	02 19.11 +01 23.9 19.6	-0.96	- 1.1	4.0/27.7	62458
2003 SP ₂₇₃	2009 10 30.5	02 19.12 +32 59.5 19.1	-0.90	- 6.7	6.7/05.8	60788
2004 GU ₁₂	2009 10 30.5	02 19.14 +05 21.3 20.4	-1.03	- 1.7	2.8/28.6	62390
2005 RH ₁	2009 10 30.5	02 19.15 +23 13.2 19.3	-1.04	- 2.1	4.6/01.9	90241
2001 YQ ₉₈	2009 10 30.5	02 19.16 +04 51.6 20.0	-0.95	- 3.3	3.6/28.3	62335
2001 XH ₂₀₄	2009 10 30.5	02 19.16 +25 37.9 19.0	-0.96	- 5.2	4.9/02.8	17980
1998 QU ₄	2009 10 30.5	02 19.18 +25 50.0 18.3	-0.87	- 4.8	4.1/03.0	62294
2002 CE ₁₉₈	2009 10 30.5	02 19.22 +20 22.1 20.0	-0.94	- 3.9	2.4/01.3	94630
2002 BA ₁₉	2009 10 30.5	02 19.24 -06 57.4 20.7	-0.94	- 2.3	6.8/25.1	58804
2004 FU ₁₀₇	2009 10 30.5	02 19.24 +15 16.4 20.3	-1.05	- 2.3	0.5/30.9	62389
2005 WR ₇₄	2009 10 30.5	02 19.26 -12 30.1 19.0	-0.88	- 2.9	9.6/23.2	62462
2000 GM ₃₄	2009 10 30.5	02 19.27 +18 11.8 18.6	-1.09	- 1.0	2.1/31.5	62304
2007 HJ ₁₃	2009 10 30.5	02 19.28 +10 44.2 21.1	-0.83	- 1.8	0.8/29.8	38131

2001 TB ₉₇	2009 10 30.5	02 19.31 +16 56.2 19.2	-0.95	- 5.6	1.1/31.4	62322
2005 UT ₃₉₈	2009 10 30.5	02 19.32 -02 25.1 18.9	-0.99	- 0.0	6.4/27.0	62453
2007 DL ₇₄	2009 10 30.5	02 19.33 +21 16.5 19.6	-1.00	- 3.3	2.9/01.5	19706
2005 UL ₅₁₁	2009 10 30.5	02 19.34 +15 23.1 20.3	-0.94	- 4.6	0.5/31.0	61980
1998 XU ₆	2009 10 30.5	02 19.34 +04 46.5 19.4	-1.04	- 0.8	4.0/28.6	62296
2007 AA ₂₄	2009 10 30.5	02 19.35 +10 12.0 20.1	-0.99	- 6.0	1.5/29.6	62032
2007 ED ₃	2009 10 30.5	02 19.36 -00 46.6 20.6	-0.90	- 7.6	5.3/26.2	62509
2007 BQ ₂₀	2009 10 30.5	02 19.37 +06 48.6 20.7	-0.95	- 6.2	2.5/28.6	19695
2000 EC ₁₂₆	2009 10 30.6	02 19.28 +16 10.7 20.1	-1.09	- 3.0	0.8/31.1	62304
1999 TD ₅₂	2009 10 30.6	02 19.29 +21 13.3 20.6	-0.95	- 1.9	2.3/01.4	40355
2003 QE ₃₅	2009 10 30.6	02 19.29 +27 41.6 18.8	-0.92	- 2.2	5.5/03.3	62373
2000 GH ₁₁₇	2009 10 30.6	02 19.29 +14 17.5 21.0	-0.97	- 5.1	0.1/30.7	62304
2002 LQ ₅	2009 10 30.6	02 19.30 -03 27.0 20.0	-0.82	- 1.6	5.4/26.3	56362
2008 FU ₁₁₁	2009 10 30.6	02 19.30 +04 11.2 20.8	-0.98	- 5.3	3.6/28.1	62531
2006 BR ₁₆₃	2009 10 30.6	02 19.30 +30 37.5 21.3	-0.88	- 3.3	4.5/04.3	41842
2002 CQ ₂₂₀	2009 10 30.6	02 19.35 +35 24.1 18.5	-1.23	+ 3.0	9.7/03.8	62342
2004 PR ₆	2009 10 30.6	02 19.37 +34 25.6 20.2	-1.06	- 4.2	6.4/05.5	60805
2004 FU ₈₀	2009 10 30.6	02 19.37 +06 00.8 20.4	-0.97	- 4.2	2.5/28.6	62389
2004 BR ₈₁	2009 10 30.6	02 19.38 -01 23.2 20.3	-0.63	- 2.3	3.3/26.4	77771
2007 GV ₅₂	2009 10 30.6	02 19.39 +10 17.9 20.7	-0.75	- 6.3	1.0/29.6	62519
2004 XJ ₂₄	2009 10 30.6	02 19.40 +09 56.6 19.2	-0.83	- 3.4	1.4/29.6	18109
2003 SW ₁₄₄	2009 10 30.6	02 19.40 +33 37.8 19.5	-0.87	- 6.1	5.5/05.9	41795
2005 QX ₂₃	2009 10 30.6	02 19.46 +15 11.4 19.5	-1.02	- 3.2	0.6/30.9	38049
2007 DV ₃₇	2009 10 30.6	02 19.47 +15 06.9 19.3	-0.99	- 4.8	0.5/30.9	22877
2004 RH ₁₂₈	2009 10 30.6	02 19.48 +09 12.9 20.4	-0.85	- 5.4	1.5/29.3	20798
2005 SG ₂₀₀	2009 10 30.6	02 19.49 +13 54.4 20.6	-1.01	- 4.1	0.0/30.6	17575
2007 GR ₁₀	2009 10 30.6	02 19.49 +06 30.4 19.8	-0.87	- 3.6	2.7/28.7	58566
2007 HZ ₂₇	2009 10 30.6	02 19.50 +12 39.1 20.2	-0.75	- 5.0	0.3/30.3	62520
2005 YL ₁₃₈	2009 10 30.6	02 19.52 +11 57.3 20.2	-0.87	- 3.5	0.7/30.1	62471
2003 GO ₁₀	2009 10 30.6	02 19.62 +03 59.4 20.0	-0.82	- 5.7	3.0/27.9	62371
2000 EN ₃	2009 10 30.6	02 19.62 +15 27.6 20.1	-1.07	- 3.9	0.6/31.0	62303
2005 VN ₇₅	2009 10 30.6	02 19.62 +35 14.6 18.1	-0.94	- 5.7	9.4/06.1	62458
2005 WF ₆₈	2009 10 30.6	02 19.63 +27 21.7 18.0	-0.85	-11.2	5.6/04.3	97991
2007 CC ₅₉	2009 10 30.6	02 19.67 +14 38.7 19.6	-0.93	- 8.2	0.3/30.9	62504
2002 GP ₁₂₈	2009 10 30.6	02 19.68 +25 00.3 19.1	-0.99	- 2.1	3.6/02.5	59679
2005 UO ₄₂₁	2009 10 30.6	02 19.69 +15 50.9 20.5	-0.96	- 5.3	0.7/31.2	62454
2005 UC ₅₉	2009 10 30.6	02 19.72 +17 06.4 19.3	-0.90	- 6.4	1.3/31.6	40148
2005 WO ₁₆₆	2009 10 30.6	02 19.72 +16 04.5 19.5	-0.87	- 5.4	1.0/31.3	96564
1995 FK ₅	2009 10 30.6	02 19.72 +13 33.8 20.0	-0.98	- 3.5	0.1/30.6	40662
2008 FX ₆₅	2009 10 30.6	02 19.76 +11 49.4 20.6	-1.09	- 4.1	0.8/30.2	62530
2001 UP ₁₃₉	2009 10 30.7	02 19.68 +14 08.0 19.6	-1.00	- 2.6	0.1/30.7	17966
2008 KY ₂₈	2009 10 30.7	02 19.71 -23 40.4 19.4	-0.84	- 0.7	14.1/20.0	62540
2007 ET ₁₁₄	2009 10 30.7	02 19.76 +03 37.4 20.2	-0.75	- 6.3	3.1/27.7	20855
2002 EN ₁₁₀	2009 10 30.7	02 19.77 +13 53.1 19.7	-0.94	- 2.2	0.0/30.7	20763
2008 JN ₁₈	2009 10 30.7	02 19.78 +12 13.9 20.9	-0.96	- 8.8	0.6/30.2	40771
2003 DU ₃	2009 10 30.7	02 19.78 +18 10.3 20.1	-1.02	- 4.0	1.6/31.8	62368
2005 VB ₇₅	2009 10 30.7	02 19.79 +13 04.7 18.8	-0.96	- 0.2	0.4/30.5	62458
2005 YT ₂₁₇	2009 10 30.7	02 19.79 +18 07.4 20.5	-0.92	- 4.7	1.6/31.8	18171
2006 YH ₁₉	2009 10 30.7	02 19.80 +12 46.1 20.8	-1.00	- 3.8	0.4/30.4	62498
2004 OA ₂	2009 10 30.7	02 19.82 +26 01.5 20.0	-0.96	- 6.7	4.1/03.3	18076
2003 TD ₁₅	2009 10 30.7	02 19.82 +17 32.7 18.1	-0.85	- 1.6	1.4/31.6	62378

2004 RG ₁₆	2009 10 30.7	02 19.82 +19 08.8 19.5	-0.91 - 4.2	2.0/01.1	18083
2007 AK ₁	2009 10 30.7	02 19.83 +09 30.8 20.4	-0.97 - 4.8	1.6/29.6	21873
2002 PH ₁₀₇	2009 10 30.7	02 19.85 +02 19.2 20.0	-1.04 - 4.1	5.1/27.9	62350
2003 QB ₈₇	2009 10 30.7	02 19.85 -04 46.8 19.6	-0.72 - 6.1	6.0/25.0	18057
2002 XO ₆₄	2009 10 30.7	02 19.88 +23 25.7 19.5	-1.06 - 5.0	4.1/02.2	59690
2004 ED ₇₆	2009 10 30.7	02 19.93 +10 23.6 20.7	-0.99 - 5.5	1.3/29.8	62387
2004 UB ₈	2009 10 30.7	02 19.96 +23 53.8 18.9	-0.74 -12.8	4.4/04.0	60818
2002 AW ₂₉	2009 10 30.7	02 19.97 +34 56.8 19.7	-1.02 - 4.2	6.6/05.8	59675
2005 MY ₅	2009 10 30.7	02 19.97 +29 28.2 20.2	-1.08 - 9.0	6.2/04.7	87686
2003 QP ₅₉	2009 10 30.7	02 19.97 +30 44.1 19.7	-1.02 - 1.2	5.0/04.0	62373
2007 GJ ₁₂	2009 10 30.7	02 19.98 +09 24.7 19.9	-0.97 - 5.2	1.7/29.6	22886
2005 UW ₄₈₁	2009 10 30.7	02 19.98 -14 14.0 19.4	-0.88 + 2.4	13.8/24.3	39247
2008 FU ₂₅	2009 10 30.7	02 20.02 +10 37.5 19.8	-1.07 - 3.8	1.3/30.0	62529
1998 TY	2009 10 30.7	02 20.03 +14 26.7 19.7	-0.87 - 1.8	0.1/30.9	62295
2003 BM ₂₉	2009 10 30.7	02 20.08 +14 02.4 20.0	-0.95 - 5.6	0.0/30.8	62367
2001 UW ₁₃₅	2009 10 30.7	02 20.17 +07 01.1 18.8	-1.15 + 2.5	2.9/29.6	62325
2003 DE ₁₈	2009 10 30.8	02 20.08 +12 11.7 18.4	-1.01 - 1.5	0.8/30.4	57382
2001 FF ₁₅₄	2009 10 30.8	02 20.12 +19 51.5 20.7	-0.90 - 1.7	1.8/01.2	10765
1999 RL ₉₀	2009 10 30.8	02 20.13 +13 27.6 18.5	-1.10 - 2.3	0.3/30.7	62297
2003 SV ₁₈₇	2009 10 30.8	02 20.18 +20 00.1 20.0	-0.79 - 6.0	1.9/01.6	21333
2006 RE ₄	2009 10 30.8	02 20.19 -14 09.1 19.8	-0.98 -13.3	11.7/20.9	39255
2006 AY ₄₅	2009 10 30.8	02 20.25 +12 41.6 19.7	-0.85 - 4.9	0.5/30.5	62474
2008 GR ₁₃₃	2009 10 30.8	02 20.25 +03 52.5 21.6	-1.05 - 2.9	3.8/28.5	40214
2005 QN ₅₈	2009 10 30.8	02 20.27 +17 26.9 19.1	-0.96 - 3.3	1.6/31.7	18116
2005 TD ₁₁₉	2009 10 30.8	02 20.30 +18 04.9 20.7	-1.04 - 3.5	1.3/31.9	62441
2005 WA ₇₀	2009 10 30.8	02 20.35 +16 13.5 19.2	-0.87 - 6.5	0.9/31.5	97992
2006 BK ₁₂	2009 10 30.8	02 20.41 +30 09.4 16.9	-0.22 - 8.1	9.2/06.6	62476
2002 XA ₇	2009 10 30.8	02 20.42 +13 58.5 18.9	-0.96 - 7.7	0.0/30.9	18030
2006 AH ₃₃	2009 10 30.8	02 20.44 +01 37.4 20.5	-0.93 - 1.9	4.4/27.9	62474
2002 SW ₇	2009 10 30.8	02 20.46 +13 51.3 19.1	-1.12 - 3.3	0.1/30.8	62355
2004 FH ₁₄₁	2009 10 30.8	02 20.48 +18 51.0 20.0	-1.09 - 2.7	1.8/01.0	62390
2005 JS ₄₉	2009 10 30.8	02 20.49 +08 32.1 19.8	-1.00 - 7.5	2.4/29.4	62419
2001 OA ₉₆	2009 10 30.8	02 20.49 +07 43.1 19.2	-0.89 - 4.6	2.9/29.2	39149
2005 GY ₁₂₄	2009 10 30.8	02 20.50 +10 48.0 20.9	-0.61 - 3.4	0.7/30.0	47349
2005 WO ₅₈	2009 10 30.9	02 20.46 +27 47.9 20.2	-0.94 - 5.8	4.7/03.8	97990
2001 BJ ₃₉	2009 10 30.9	02 20.49 +19 39.9 20.2	-0.53 - 2.4	1.0/01.5	52313
2000 ED ₁₃	2009 10 30.9	02 20.49 +02 58.5 19.2	-0.87 - 1.9	3.5/28.2	62304
2007 AR	2009 10 30.9	02 20.50 +23 36.1 20.1	-1.07 - 5.2	4.2/02.4	18185
2004 EL ₇₃	2009 10 30.9	02 20.51 +13 07.8 20.7	-1.02 - 5.6	0.3/30.7	62387
2003 SV ₁₆₈	2009 10 30.9	02 20.58 +24 38.7 19.5	-0.88 - 2.6	3.2/02.7	43179
2005 GX ₈	2009 10 30.9	02 20.61 +18 35.0 18.4	-1.63 + 5.4	2.1/31.5	62418
2002 CY ₁₆₀	2009 10 30.9	02 20.66 -09 22.7 19.7	-0.88 - 2.6	8.3/24.6	19570
2004 PF ₁₃	2009 10 30.9	02 20.68 +10 14.5 19.2	-0.86 - 5.8	1.3/29.9	62394
1994 PU ₁₅	2009 10 30.9	02 20.69 +17 04.1 19.9	-1.06 - 5.1	1.1/31.7	62291
2000 DJ ₈₉	2009 10 30.9	02 20.73 +27 56.2 20.6	-0.89 - 3.0	4.5/03.7	84542
2006 DS ₆₈	2009 10 30.9	02 20.74 -01 53.1 19.9	-0.81 - 1.8	4.7/26.9	41845
2003 SN ₃₅	2009 10 30.9	02 20.76 +22 57.2 20.0	-0.91 - 1.5	2.7/02.2	41120
2005 UW ₁	2009 10 30.9	02 20.77 +14 29.7 20.2	-0.88 - 8.8	0.2/31.1	97872
2005 YQ ₁₃	2009 10 30.9	02 20.78 +08 54.3 19.8	-0.85 - 3.9	1.8/29.6	20462
2007 CX ₃₀	2009 10 30.9	02 20.79 +01 52.2 22.4	-0.81 - 4.2	3.3/27.7	41861
2007 DZ ₃₈	2009 10 30.9	02 20.79 +26 04.1 20.4	-1.02 - 1.8	3.7/02.9	22877

2007 DP ₇₅	2009 10 30.9	02 20.79 +13 54.0 19.6	-0.95 - 3.9	0.1/30.9	17770
1999 NE ₄₃	2009 10 30.9	02 20.80 -08 00.4 19.1	-1.14 - 0.6	10.8/26.8	62297
2000 WX ₁₃₆	2009 10 30.9	02 20.81 +21 11.1 19.6	-0.92 - 5.7	2.3/01.9	97419
1999 XP ₂₂₆	2009 10 30.9	02 20.82 +29 05.5 20.8	-0.87 - 4.2	4.3/04.2	42578
2002 WZ ₂₂	2009 10 30.9	02 20.86 +05 58.2 20.0	-1.05 - 2.0	3.4/29.2	62363
2005 XA ₈₂	2009 10 30.9	02 20.87 +07 32.9 20.1	-0.91 - 3.6	2.7/29.3	96650
2005 WA ₃₅	2009 10 30.9	02 20.88 +12 11.0 19.9	-0.94 - 3.4	0.7/30.5	61988
2005 XH ₇	2009 10 30.9	02 20.90 -10 09.4 19.9	-1.10 + 2.8	8.8/26.3	60853
2006 XQ ₅₉	2009 10 30.9	02 20.93 +20 03.5 20.4	-1.09 - 4.3	2.7/01.5	14487
2004 EN ₂₂	2009 10 30.9	02 20.95 +21 52.9 20.2	-1.11 - 3.6	3.0/01.9	12871
2000 DW ₅	2009 10 30.9	02 20.98 +17 55.9 19.2	-1.43 + 3.1	1.5/31.6	62302
2004 GD ₅₀	2009 10 31.0	02 20.84 +23 05.7 19.0	-1.19 + 1.1	4.3/01.8	62391
2003 GQ	2009 10 31.0	02 20.85 -02 45.1 20.8	-0.89 - 3.3	5.3/26.6	19597
2007 FE ₁₂	2009 10 31.0	02 20.85 -10 30.3 20.5	-0.71 - 5.1	6.3/23.7	47425
2004 HB ₄₉	2009 10 31.0	02 20.85 +13 11.3 21.3	-1.01 - 4.3	0.3/30.8	12346
2002 NP ₅₉	2009 10 31.0	02 20.87 -10 37.5 21.5	-0.73 - 2.6	6.1/24.3	19582
2006 BR ₁₀₆	2009 10 31.0	02 20.87 +16 28.4 20.6	-0.86 - 3.9	0.8/31.7	97062
2005 TM ₃₆	2009 10 31.0	02 20.90 +15 08.1 20.4	-1.02 - 3.8	0.4/31.3	62439
2000 SP ₃₆₁	2009 10 31.0	02 20.91 +07 11.6 19.1	-0.95 - 1.0	2.9/29.5	58404
2004 XE ₁₂₅	2009 10 31.0	02 20.91 +24 12.6 19.5	-0.93 - 1.1	3.1/02.4	02234
2002 RW ₂₅₇	2009 10 31.0	02 20.91 +17 00.9 21.5	-1.07 - 5.2	1.1/31.8	39172
2004 KV ₁₁	2009 10 31.0	02 20.91 -12 08.3 19.2	-0.94 + 0.6	11.1/25.3	95227
2005 QD ₇₀	2009 10 31.0	02 20.92 +08 00.0 20.0	-1.00 - 4.3	2.6/29.5	40138
2008 GY ₈₉	2009 10 31.0	02 20.95 +12 34.5 21.6	-1.06 - 3.9	0.5/30.7	40586
2006 AF ₃₁	2009 10 31.0	02 20.96 +04 08.9 19.5	-0.90 - 2.2	3.7/28.6	62474
2008 HP ₁₆	2009 10 31.0	02 20.96 +04 02.8 21.0	-0.97 - 5.9	3.7/28.4	41643
2002 XE ₁₀₁	2009 10 31.0	02 20.99 -01 40.6 18.9	-1.06 + 0.5	7.1/27.8	40111
2002 RP ₁₁	2009 10 31.0	02 21.00 +22 47.5 19.6	-1.15 - 4.5	3.5/02.3	39170
2005 SW ₇₇	2009 10 31.0	02 21.00 +17 33.0 19.9	-1.07 - 1.2	1.5/31.8	62433
2004 TY ₁₁₅	2009 10 31.0	02 21.01 +02 04.6 18.8	-0.85 - 3.1	4.3/27.9	62406
2005 WV ₂₈	2009 10 31.0	02 21.07 +12 57.2 20.0	-0.98 - 2.8	0.4/30.8	62460
2003 AA ₄	2009 10 31.0	02 21.09 +05 06.5 18.2	-0.95 -17.5	3.5/27.9	62365
2004 VA ₁₄	2009 10 31.0	02 21.10 +13 27.9 18.9	-0.77 - 7.7	0.2/30.9	62411
2008 SA ₂₇	2009 10 31.0	02 21.10 +08 58.0 20.6	-0.48 - 3.2	0.8/29.5	62542
2000 BH ₃₃	2009 10 31.0	02 21.11 +08 32.5 20.7	-1.00 - 5.3	2.1/29.6	15683
1998 SN ₃₉	2009 10 31.0	02 21.16 +10 51.8 20.1	-0.80 - 4.5	1.0/30.2	62295
2000 QC ₁₁₆	2009 10 31.0	02 21.16 +16 52.7 19.9	-0.94 - 4.3	1.1/31.8	62306
2005 WR ₁₀₄	2009 10 31.0	02 21.19 -05 29.9 18.6	-0.99 + 1.3	8.6/26.9	96520
2003 UH ₃₂₈	2009 10 31.0	02 21.20 +08 27.9 20.6	-0.75 - 7.2	1.7/29.4	61883
1999 TP ₁₃₃	2009 10 31.0	02 21.24 +13 13.3 19.4	-0.82 - 5.8	0.3/30.8	62298
2004 BM ₅₈	2009 10 31.0	02 21.26 +22 52.7 19.7	-1.08 - 7.4	3.7/02.5	60794
2008 HU ₃	2009 10 31.0	02 21.26 +13 35.0 20.5	-1.04 - 4.1	0.2/31.0	62536
2007 HD ₅	2009 10 31.0	02 21.28 +09 47.9 21.8	-0.94 - 2.7	1.3/30.1	20627
2007 AZ ₂₃	2009 10 31.0	02 21.29 +21 12.8 20.1	-0.98 - 5.5	2.4/02.0	16381
2002 EX ₁₅₀	2009 10 31.0	02 21.31 +06 46.4 19.6	-0.82 - 5.5	2.5/29.1	62345
2005 YV ₁₅₂	2009 10 31.0	02 21.31 -01 16.8 19.4	-0.96 - 0.7	6.2/27.5	96801
2007 EQ ₄₅	2009 10 31.1	02 21.23 +23 52.6 19.5	-1.15 + 1.3	3.8/02.1	62511
2005 UT ₉₆	2009 10 31.1	02 21.24 +09 20.7 20.3	-0.87 - 7.2	1.8/29.7	62446
2001 VK ₅₆	2009 10 31.1	02 21.27 +20 39.3 19.0	-1.03 - 3.7	2.6/01.7	62327
2005 YV ₂₈₂	2009 10 31.1	02 21.29 +22 06.9 19.8	-0.93 - 5.2	3.2/02.3	56038
2002 JX ₄₁	2009 10 31.1	02 21.30 +09 42.8 19.6	-0.76 - 6.5	1.2/29.8	62347

2007 CL ₄₁	2009 10 31.1	02 21.31 +08 02.3 19.6	-0.98	- 5.4	2.4/29.5	59787
2008 HZ ₂₁	2009 10 31.1	02 21.33 +00 40.7 20.1	-1.28	+ 4.0	4.5/29.1	62536
2007 ED ₁₁	2009 10 31.1	02 21.34 +13 37.6 20.2	-0.99	- 4.2	0.2/31.0	62509
2000 WT ₇₆	2009 10 31.1	02 21.34 +21 08.3 19.2	-0.89	- 5.6	2.5/02.1	97417
2007 FG ₇	2009 10 31.1	02 21.34 +16 33.4 19.8	-0.93	- 2.6	0.8/31.7	62516
2007 GF ₂₀	2009 10 31.1	02 21.35 +16 44.8 20.9	-0.86	- 3.2	0.8/31.8	19481
2005 UU ₄₇₇	2009 10 31.1	02 21.40 +04 38.9 19.4	-0.84	- 7.8	3.7/28.3	19666
1998 HK ₂	2009 10 31.1	02 21.41 +07 50.7 22.0	-1.03	- 5.4	2.4/29.5	40082
2005 EL ₃₃	2009 10 31.1	02 21.42 +46 24.9 19.4	-1.79	+ 3.1	15.2/06.6	11081
2007 KK ₁	2009 10 31.1	02 21.43 +01 51.3 19.8	-0.82	- 1.7	3.6/28.1	62521
2001 WT ₁₂	2009 10 31.1	02 21.44 -09 25.0 18.0	-0.99	+ 3.4	11.0/26.6	62329
2005 CV ₇₃	2009 10 31.1	02 21.45 -00 11.6 19.5	-0.74	- 4.0	4.6/27.1	62417
2005 YF ₁₃₃	2009 10 31.1	02 21.45 +22 44.8 20.4	-0.94	- 4.0	3.0/02.4	18169
2003 BX	2009 10 31.1	02 21.45 -30 45.4 19.1	-1.16	+ 3.1	18.5/16.9	22728
2002 XV ₅₂	2009 10 31.1	02 21.47 +16 57.7 18.7	-0.98	- 5.0	1.3/31.9	59690
2004 XU ₇₆	2009 10 31.1	02 21.47 +07 00.3 19.4	-0.88	- 1.0	2.3/29.5	21347
2004 HB ₅₁	2009 10 31.1	02 21.48 +34 02.1 20.1	-1.13	- 6.0	7.4/05.9	20791
2002 CP ₂₂	2009 10 31.1	02 21.49 +03 34.8 20.0	-0.80	- 5.1	3.0/28.2	62339
2006 BM ₉₀	2009 10 31.1	02 21.49 -02 17.4 19.8	-0.76	- 4.3	5.3/26.6	21173
2005 VG ₄₂	2009 10 31.1	02 21.53 +05 28.2 18.6	-0.79	- 7.9	4.0/28.6	61982
2006 BH ₁₃₈	2009 10 31.1	02 21.54 -02 35.1 19.5	-0.74	- 5.1	5.5/26.3	62478
2005 QO ₁₃₉	2009 10 31.1	02 21.55 +16 10.1 19.8	-1.02	- 3.2	0.9/31.7	62429
2004 RR ₁₄₉	2009 10 31.1	02 21.58 +15 39.7 19.7	-0.89	- 4.1	0.5/31.6	62398
2004 PV ₃₇	2009 10 31.1	02 21.61 -02 39.4 20.8	-0.83	- 5.3	5.3/26.5	40126
1999 XK ₁₃₃	2009 10 31.2	02 21.62 +09 59.3 18.4	-0.95	+ 0.3	1.4/30.3	62300
2002 JJ ₁₁₉	2009 10 31.2	02 21.67 -04 20.2 20.7	-0.78	- 2.8	5.3/26.4	58430
2008 RT ₂₉	2009 10 31.2	02 21.71 +10 51.5 20.1	-0.52	- 3.0	0.6/30.3	62541
2002 RP ₁₄	2009 10 31.2	02 21.73 +16 02.2 19.5	-1.02	- 4.9	0.9/31.7	40107
2005 UV ₁₉₀	2009 10 31.2	02 21.74 +16 15.2 20.0	-0.93	- 5.6	0.7/31.8	62448
2004 RY ₉₇	2009 10 31.2	02 21.75 +17 48.0 19.4	-0.88	- 5.5	1.3/01.2	18088
1998 VS ₁₄	2009 10 31.2	02 21.77 +19 14.2 18.1	-0.73	-10.3	1.9/01.9	62296
2002 AV ₁₀₅	2009 10 31.2	02 21.81 +06 55.4 18.8	-0.91	- 4.1	2.8/29.4	40101
2005 VV ₅₅	2009 10 31.2	02 21.85 +17 50.2 20.7	-1.00	- 3.4	1.4/01.2	62457
2003 DS ₁₆	2009 10 31.2	02 21.85 +10 09.8 19.8	-0.96	- 4.9	1.7/30.2	60784
2004 LZ ₁₈	2009 10 31.2	02 21.96 +07 38.7 19.7	-0.96	- 3.6	2.5/29.7	40125
2004 TM ₁₉	2009 10 31.2	02 21.97 +11 15.2 19.1	-0.96	- 0.8	0.9/30.6	62403
2004 FD ₁₀₉	2009 10 31.2	02 21.99 +13 30.2 20.0	-1.04	- 4.3	0.2/31.1	12342
2006 EN ₁	2009 10 31.2	02 22.05 +12 16.4 19.9	-0.80	- 3.3	0.6/30.8	62482
2002 CM ₂₅₉	2009 10 31.2	02 22.06 +33 02.2 19.1	-1.01	- 4.5	7.2/05.5	40103
2007 CO ₆₁	2009 10 31.2	02 22.10 +16 53.9 20.2	-1.07	- 2.9	1.0/31.9	62504
2003 TC ₃₄	2009 10 31.3	02 22.01 +24 14.5 20.1	-0.78	- 5.1	2.7/03.2	47267
2002 AJ ₅₀	2009 10 31.3	02 22.01 +06 22.8 19.7	-0.88	- 4.4	2.7/29.3	40101
2008 FW ₁₀₉	2009 10 31.3	02 22.03 +07 33.2 19.4	-1.02	- 4.0	2.9/29.7	62531
2006 DR ₃₇	2009 10 31.3	02 22.06 +10 36.4 21.5	-0.82	- 4.4	1.0/30.4	02290
2004 RH ₁	2009 10 31.3	02 22.06 -00 09.2 19.8	-0.92	- 1.8	5.3/28.0	40127
2006 EV ₇₀	2009 10 31.3	02 22.08 +02 51.4 20.1	-0.94	+ 0.8	3.1/28.9	01498
2007 HZ ₅₅	2009 10 31.3	02 22.09 +04 22.0 21.5	-0.73	- 6.2	2.9/28.4	21689
2000 WP ₁₀₀	2009 10 31.3	02 22.11 +09 07.4 19.6	-0.89	- 2.8	1.7/30.1	17926
2005 WQ ₃₀	2009 10 31.3	02 22.13 +12 15.9 19.9	-0.98	- 2.2	0.8/30.9	61988
2007 HX ₁₂	2009 10 31.3	02 22.14 +08 12.5 20.7	-0.86	- 0.9	1.5/30.0	21879
2006 BW ₁₀₃	2009 10 31.3	02 22.15 +30 15.0 19.5	-0.93	- 3.1	5.1/04.7	60859

2004 RU ₄₀	2009 10 31.3	02 22.15 -00 13.9 18.6	-1.01	+ 1.9	5.5/28.6	62397
2008 PC ₆	2009 10 31.3	02 22.16 +30 09.0 20.8	-0.89	- 3.8	4.6/04.8	49034
2002 HQ ₆	2009 10 31.3	02 22.17 +19 15.5 18.9	-0.80	- 8.2	1.5/01.9	62347
2003 FB ₇₂	2009 10 31.3	02 22.18 -04 20.7 19.9	-0.83	- 4.9	5.7/26.2	59696
2008 QP ₄₂	2009 10 31.3	02 22.18 +12 15.0 20.7	-0.50	- 3.3	0.3/30.8	62541
2004 PN ₇₇	2009 10 31.3	02 22.19 -01 35.7 20.1	-0.83	- 6.0	5.0/26.9	62395
2004 RB ₂₅₇	2009 10 31.3	02 22.20 +25 49.9 20.4	-1.00	- 2.6	3.9/03.3	20800
2000 GP ₄₀	2009 10 31.3	02 22.20 +17 28.2 20.5	-1.02	- 3.5	1.1/01.2	62304
2000 HD ₂₆	2009 10 31.3	02 22.21 +09 15.3 19.2	-1.63	+ 6.4	2.3/30.8	41073
2007 GC ₄₂	2009 10 31.3	02 22.22 +14 25.0 20.6	-0.78	- 5.3	0.1/31.4	20867
2002 CA ₁₇	2009 10 31.3	02 22.24 +14 55.6 19.4	-0.95	- 3.2	0.3/31.5	20759
2003 SN ₇₄	2009 10 31.3	02 22.26 +21 03.5 19.1	-0.85	- 3.2	2.4/02.2	59706
2004 FG ₆	2009 10 31.3	02 22.28 +23 58.7 19.6	-1.20	- 1.3	4.0/02.5	12873
2008 GS ₇₅	2009 10 31.3	02 22.29 +06 10.8 20.7	-1.10	- 2.3	3.2/29.6	41611
2001 YY ₁₁₅	2009 10 31.3	02 22.30 -10 05.6 18.8	-0.96	- 1.5	9.1/25.0	62335
2006 BJ ₂₁₄	2009 10 31.3	02 22.31 +26 44.5 21.6	-0.83	- 4.0	3.1/03.8	02282
2003 HS ₁	2009 10 31.3	02 22.34 +04 18.9 19.9	-0.87	- 3.9	3.3/28.8	62371
2001 KT	2009 10 31.3	02 22.37 +24 55.1 19.5	-1.01	-12.5	3.7/03.9	55923
2003 PC ₆	2009 10 31.3	02 22.37 +19 24.4 19.3	-0.83	- 5.1	1.7/01.9	59701
2005 XK ₆₃	2009 10 31.3	02 22.37 +18 14.7 20.6	-0.92	- 4.7	1.3/01.5	96634
2008 MK ₂	2009 10 31.3	02 22.42 +39 50.0 20.0	-0.96	- 4.3	7.3/08.4	47446
2002 CR ₁₃₈	2009 10 31.3	02 22.42 -02 03.1 19.7	-0.81	- 6.7	5.7/26.5	62341
2006 EF ₆₀	2009 10 31.3	02 22.42 +19 20.1 20.8	-0.84	- 3.5	1.5/01.7	01492
2006 BR ₁₀₀	2009 10 31.3	02 22.42 -09 07.3 20.2	-0.79	- 1.9	6.5/25.3	41841
2000 FK ₁₅	2009 10 31.3	02 22.44 +20 06.8 18.3	-1.38	+ 4.2	2.5/01.3	62304
1999 VV ₁₃₉	2009 10 31.3	02 22.46 +16 10.9 19.6	-0.83	- 5.3	0.7/32.0	62299
2007 CG ₅₆	2009 10 31.3	02 22.49 +10 30.3 20.4	-0.98	- 6.8	1.5/30.4	62504
2000 SU ₂₆₃	2009 10 31.4	02 22.40 +20 23.7 20.2	-0.97	- 3.0	2.4/02.0	97403
2004 WR ₄	2009 10 31.4	02 22.43 +17 53.5 19.0	-0.85	- 3.5	1.3/01.4	62413
2003 SE ₅₁	2009 10 31.4	02 22.45 +14 22.2 19.0	-0.89	- 1.1	0.1/31.5	55100
2003 AJ ₇₀	2009 10 31.4	02 22.48 +09 37.0 19.8	-0.95	- 5.0	2.1/30.2	41110
2001 XP ₂₂₃	2009 10 31.4	02 22.50 +14 23.2 19.0	-1.00	- 0.7	0.1/31.5	97530
2001 FK ₅₈	2009 10 31.4	02 22.53 +09 26.9 21.7	-1.02	- 4.1	1.4/30.3	39147
2006 BD ₈₁	2009 10 31.4	02 22.54 -02 11.0 20.0	-0.77	- 4.2	5.6/26.8	39792
2006 FD ₁₁	2009 10 31.4	02 22.56 +12 16.8 20.1	-0.82	- 3.2	0.6/30.9	62483
2004 JW ₄₉	2009 10 31.4	02 22.56 +19 43.3 20.2	-0.95	- 8.0	2.1/02.1	95224
2004 EB ₃₇	2009 10 31.4	02 22.57 +10 57.6 20.7	-0.98	- 5.3	1.1/30.6	62387
2006 AJ ₉₅	2009 10 31.4	02 22.58 +11 53.2 20.2	-0.83	- 4.6	0.7/30.8	62475
2002 RM ₂₅₉	2009 10 31.4	02 22.59 +23 31.9 19.2	-1.19	- 0.5	4.4/02.4	62355
2008 GJ ₁₂₇	2009 10 31.4	02 22.59 -01 51.1 20.1	-0.89	- 4.4	5.6/27.3	40213
2000 DH ₉₉	2009 10 31.4	02 22.60 +02 45.4 19.6	-0.94	- 5.3	4.1/28.4	62303
2007 EH ₉₀	2009 10 31.4	02 22.60 +05 22.3 19.8	-0.98	- 5.4	3.5/29.1	22882
2003 SJ ₃₁₈	2009 10 31.4	02 22.60 +17 30.7 20.7	-0.84	- 3.2	1.0/01.3	62377
2003 QY	2009 10 31.4	02 22.62 +04 36.4 20.8	-0.79	- 4.6	2.9/28.9	62373
2007 PR ₄	2009 10 31.4	02 22.64 +05 11.8 20.2	-0.50	- 3.4	1.7/28.8	62521
2003 SB ₁₈₇	2009 10 31.4	02 22.67 +38 51.0 19.2	-1.40	+ 5.6	9.1/04.5	61881
2003 SE ₁₁₃	2009 10 31.4	02 22.71 +20 04.5 20.7	-0.80	- 6.5	1.8/02.2	41795
2005 RF ₄₀	2009 10 31.4	02 22.72 +21 55.6 20.3	-1.07	- 6.1	2.9/02.6	41194
2008 RJ ₁₀₉	2009 10 31.4	02 22.73 +11 06.6 20.2	-0.53	- 2.9	0.6/30.6	49043
2004 CC ₂₂	2009 10 31.4	02 22.73 +12 17.9 19.8	-1.00	- 5.7	0.7/31.0	62384
2006 BU ₂₀₇	2009 10 31.4	02 22.74 +29 26.2 20.4	-0.88	- 4.0	4.3/04.7	97116

2005 NW ₈₄	2009 10 31.4	02 22.75 +18 25.8 18.6	-0.95	- 8.1	1.8/01.7	39217
2004 FK ₆₇	2009 10 31.4	02 22.77 +09 58.0 21.2	-1.01	- 4.2	1.4/30.4	55991
2002 FR ₂₉	2009 10 31.4	02 22.77 +05 51.7 19.5	-0.92	- 3.3	3.1/29.4	20764
2006 BY ₈₀	2009 10 31.4	02 22.77 +26 03.6 20.9	-0.92	- 2.1	3.5/03.5	02275
2001 XU ₂₂₃	2009 10 31.4	02 22.78 +04 56.9 20.7	-1.02	- 1.4	3.2/29.4	62334
2006 BN ₂₃₂	2009 10 31.4	02 22.78 +28 23.4 20.4	-0.91	- 2.7	4.1/04.2	48991
2005 VH ₁₀	2009 10 31.4	02 22.79 +05 57.1 19.8	-0.96	- 2.1	3.2/29.6	62456
2002 UF ₇₈	2009 10 31.4	02 22.80 +17 24.6 19.9	-0.91	- 4.2	1.7/01.3	61870
2007 EB ₇₁	2009 10 31.4	02 22.80 +08 38.3 20.9	-0.86	- 4.8	1.7/30.0	40709
2001 UP ₂₂₂	2009 10 31.4	02 22.82 +13 16.6 20.0	-0.99	- 2.7	0.3/31.3	62326
2003 SH ₁₇₇	2009 10 31.4	02 22.82 +03 13.9 20.5	-0.72	- 5.9	3.2/28.3	62376
2007 EJ ₃₈	2009 10 31.4	02 22.83 +09 38.9 20.4	-0.83	- 6.2	1.6/30.2	62510
2003 AP ₅₁	2009 10 31.4	02 22.84 +15 34.7 19.3	-1.03	- 3.3	0.6/31.8	62366
2003 QS ₇₉	2009 10 31.4	02 22.85 +01 48.0 21.0	-0.80	- 6.8	3.8/28.0	62374
2008 BD ₄₀	2009 10 31.4	02 22.88 -37 10.9 20.4	-1.14	- 2.7	21.9/15.0	36022
2005 WP ₁₆₀	2009 10 31.5	02 22.84 +12 37.8 20.0	-1.19	+ 1.8	0.6/31.2	62464
2005 XB ₁₁₁	2009 10 31.5	02 22.84 +00 47.8 20.8	-0.75	- 4.7	4.0/27.7	98031
2006 DK ₁₀₂	2009 10 31.5	02 22.85 +10 20.2 20.5	-0.75	- 3.7	1.0/30.5	47394
2003 SN ₂₃₈	2009 10 31.5	02 22.86 +18 54.4 20.9	-0.83	- 4.5	1.5/01.8	53823
2008 HS ₁₀	2009 10 31.5	02 22.89 +14 39.3 20.6	-0.93	- 6.9	0.2/31.6	62536
2005 UW ₂₉₁	2009 10 31.5	02 22.92 +19 26.0 21.0	-0.91	- 6.7	2.4/02.0	03775
2005 YQ ₁₉₈	2009 10 31.5	02 22.93 +14 02.9 20.1	-0.87	- 4.7	0.1/31.5	62472
2004 PK ₉₆	2009 10 31.5	02 22.93 +23 40.3 19.7	-0.92	- 6.3	3.2/03.3	97723
2005 RH ₁₀	2009 10 31.5	02 22.94 +23 41.7 19.9	-1.10	- 2.8	4.1/02.8	90242
2004 RA ₁₃₆	2009 10 31.5	02 22.96 +12 57.2 19.9	-0.91	- 3.2	0.5/31.2	19625
2000 UQ ₃₃	2009 10 31.5	02 22.97 +03 40.2 19.3	-1.10	+ 6.7	5.2/30.1	9847
2008 RA ₁₅	2009 10 31.5	02 22.97 +17 09.7 20.1	-0.53	- 3.2	0.6/01.4	62541
2008 HN ₂	2009 10 31.5	02 22.99 +12 24.2 20.9	-1.01	- 7.2	0.7/31.0	62536
2000 RE ₈₅	2009 10 31.5	02 23.00 +26 36.0 19.8	-1.07	- 2.4	4.1/03.6	16143
2003 DQ ₂₀	2009 10 31.5	02 23.01 +17 24.3 19.7	-1.01	- 4.3	1.3/01.3	62368
2004 FW ₈₀	2009 10 31.5	02 23.09 +04 59.9 21.4	-0.98	- 4.2	3.1/29.2	58475
1998 SY ₁₇₆	2009 10 31.5	02 23.11 +02 31.6 18.4	-0.78	- 3.7	4.3/28.4	62295
2005 QA ₁₃	2009 10 31.5	02 23.14 +06 58.5 19.4	-0.88	- 7.9	3.1/29.5	62426
2005 XO ₁₁₁	2009 10 31.5	02 23.17 +08 51.4 20.2	-0.80	- 4.1	1.7/30.1	47365
2003 SP ₂₉₆	2009 10 31.5	02 23.18 +42 20.6 19.1	-1.09	- 0.4	9.1/07.8	47264
2002 PA ₁₈₁	2009 10 31.5	02 23.19 +16 48.5 20.8	-0.79	- 3.0	0.7/01.3	62351
2008 LM ₄	2009 10 31.5	02 23.25 +09 43.1 21.0	-1.05	- 4.5	1.7/30.5	41692
2005 QF ₃₃	2009 10 31.6	02 23.19 +22 51.3 19.6	-1.10	- 3.8	3.6/02.8	58505
2004 RZ ₉₅	2009 10 31.6	02 23.19 +04 34.7 20.3	-0.83	- 6.9	3.0/28.8	58481
2007 EF ₂₀₃	2009 10 31.6	02 23.22 +11 38.4 20.9	-1.01	- 3.9	1.0/31.0	21674
2005 MA ₄₆	2009 10 31.6	02 23.22 +17 48.5 20.1	-1.02	- 7.6	1.4/01.6	57424
2002 CB ₇₆	2009 10 31.6	02 23.24 +04 15.3 20.2	-0.85	- 3.8	3.1/29.0	62340
1998 SS ₄₈	2009 10 31.6	02 23.25 +12 34.5 19.1	-0.87	- 9.4	0.7/31.1	62295
2002 JN ₈₆	2009 10 31.6	02 23.25 +16 25.0 20.5	-0.78	- 7.4	0.6/01.3	20766
2007 DO ₇₇	2009 10 31.6	02 23.25 +01 10.9 19.7	-0.94	- 3.9	5.4/28.2	62507
2004 RQ ₂₄	2009 10 31.6	02 23.26 +18 38.3 19.1	-0.87	- 5.1	1.6/01.8	02207
2003 FP ₉₅	2009 10 31.6	02 23.27 +13 58.7 19.3	-0.87	- 7.1	0.1/31.5	62370
2007 BM ₄₃	2009 10 31.6	02 23.29 -00 56.5 19.7	-0.90	- 3.8	5.3/27.8	40707
2002 AQ ₁₁₄	2009 10 31.6	02 23.29 -09 12.3 19.2	-0.87	- 2.2	8.7/25.6	19565
2006 BB ₅₄	2009 10 31.6	02 23.29 +07 27.9 20.9	-0.77	- 4.2	1.8/29.8	46370
2004 QD ₁₀	2009 10 31.6	02 23.30 +05 01.5 19.4	-0.90	- 2.5	3.3/29.4	62396

2003 SH ₂₁₃	2009 10 31.6	02 23.30 +05 46.9 18.9	-0.94	+ 0.8	2.8/29.9	62377
2005 WJ ₁₀₁	2009 10 31.6	02 23.32 +12 25.0 20.4	-0.90	- 5.1	0.7/31.1	62462
2006 BK ₂₂	2009 10 31.6	02 23.32 +10 46.2 20.4	-0.81	- 4.0	1.1/30.7	62476
2002 AL ₉₉	2009 10 31.6	02 23.35 +02 54.5 19.6	-0.91	- 2.7	4.3/28.9	62337
2004 HP ₃₅	2009 10 31.6	02 23.36 +15 57.6 20.2	-1.03	- 4.3	0.6/01.1	62392
2004 JJ ₅₃	2009 10 31.6	02 23.37 +13 35.6 20.5	-1.03	- 4.0	0.3/31.5	38029
2005 YL ₂₄₁	2009 10 31.6	02 23.47 +20 42.4 21.1	-0.91	- 3.4	2.0/02.3	20476
2002 TZ ₅₁	2009 10 31.6	02 23.48 +11 41.9 17.8	-0.95	- 1.4	1.3/31.1	40108
2007 ED ₁₈₈	2009 10 31.6	02 23.48 +17 37.9 20.5	-0.99	- 3.1	1.1/01.5	62515
2005 WQ ₂₉	2009 10 31.6	02 23.50 +15 32.6 20.0	-0.97	- 3.7	0.5/32.0	62460
2007 EY ₉	2009 10 31.6	02 23.51 +15 34.8 20.0	-0.97	- 2.2	0.4/32.0	62050
2003 SK ₁₈₃	2009 10 31.6	02 23.51 +19 38.4 19.4	-0.89	- 1.8	1.6/02.0	59708
2003 SV ₁₈₅	2009 10 31.6	02 23.56 +13 31.6 19.3	-0.78	- 5.8	0.2/31.5	62376
2004 BR ₁₂₁	2009 10 31.6	02 23.58 -13 59.9 20.3	-1.10	- 0.8	9.4/24.9	41804
1998 SX ₁₀₆	2009 10 31.6	02 23.64 +16 14.2 18.7	-0.82	- 3.3	0.8/01.2	42572
1993 FL ₃₅	2009 10 31.7	02 23.58 +13 54.8 19.8	-1.06	- 3.5	0.1/31.6	16117
2008 FV ₁₅	2009 10 31.7	02 23.59 +08 54.8 19.6	-1.08	- 0.1	1.9/30.6	40204
2003 QR ₄₈	2009 10 31.7	02 23.61 -04 03.4 19.7	-0.74	- 5.2	5.8/26.4	18057
2006 BR ₂₆₂	2009 10 31.7	02 23.68 +23 11.8 21.7	-0.83	- 2.8	2.4/03.1	56040
2001 YY ₁₂	2009 10 31.7	02 23.72 -02 48.7 20.1	-1.04	+ 2.1	7.5/28.4	00112
2007 EQ ₁₀₀	2009 10 31.7	02 23.73 +32 24.5 21.0	-0.98	- 3.3	5.0/05.7	47423
2005 PD ₆	2009 10 31.7	02 23.78 +10 09.5 20.5	-0.98	- 4.7	1.8/30.7	61925
2006 BO ₁₈₈	2009 10 31.7	02 23.80 +04 58.4 19.7	-0.79	- 2.6	3.0/29.4	62478
2006 BH ₂₀₅	2009 10 31.7	02 23.83 -02 29.9 20.7	-0.73	- 4.1	4.7/27.1	43256
2007 HL ₅₀	2009 10 31.7	02 23.84 +08 23.8 20.4	-0.73	- 6.0	1.7/30.0	47431
2003 SF ₁₉₇	2009 10 31.7	02 23.85 +11 32.3 19.1	-0.74	- 6.5	0.8/30.9	62376
2005 SJ ₃₆	2009 10 31.7	02 23.87 +15 16.4 19.9	-0.99	- 4.5	0.4/01.0	39227
2004 RR ₂₄₅	2009 10 31.7	02 23.88 +12 00.7 20.7	-0.89	- 3.9	0.8/31.2	62400
2006 EN ₄₇	2009 10 31.7	02 23.89 -00 40.4 20.8	-0.75	- 4.7	4.7/27.5	62482
2002 TC ₂₀₅	2009 10 31.7	02 23.94 +03 28.2 19.8	-1.08	- 2.5	4.4/29.4	37971
2004 TH ₉₃	2009 10 31.7	02 23.96 +15 54.9 20.4	-0.86	- 4.3	0.6/01.2	62405
2004 CX ₁₀₄	2009 10 31.7	02 23.96 +17 18.7 19.3	-1.07	- 5.4	1.2/01.6	62385
2003 SO ₃₉	2009 10 31.7	02 23.96 +15 16.3 18.9	-0.75	- 6.4	0.3/01.1	62375
2002 AB	2009 10 31.7	02 23.97 -16 11.3 19.5	-1.41	+ 4.4	11.8/25.6	97542
2001 XP ₁₁₅	2009 10 31.7	02 23.99 +11 11.7 17.7	-0.97	- 0.5	1.4/31.1	17978
2001 WF ₆	2009 10 31.7	02 24.04 +14 27.3 19.3	-0.91	- 7.4	0.1/31.8	62328
2005 VF ₁₀₈	2009 10 31.8	02 23.97 +10 11.0 20.6	-1.07	- 1.1	1.6/30.9	01109
2007 EU ₇₁	2009 10 31.8	02 23.99 +18 24.1 20.1	-0.99	- 2.3	1.4/01.8	62511
2008 DU ₄	2009 10 31.8	02 24.00 +05 23.1 20.7	-1.03	- 5.2	3.5/29.6	62525
2005 YP ₁₄₃	2009 10 31.8	02 24.04 -00 07.5 20.5	-0.91	- 3.6	5.0/28.0	62471
2007 DP ₂	2009 10 31.8	02 24.05 +13 43.3 20.5	-1.06	- 3.7	0.2/31.7	19700
2008 JK ₂₈	2009 10 31.8	02 24.06 +03 11.9 19.6	-0.98	- 5.0	5.1/28.9	62539
2004 RA ₅₃	2009 10 31.8	02 24.10 +07 35.8 20.1	-0.86	- 4.5	2.4/30.1	97730
2004 FA ₄₀	2009 10 31.8	02 24.10 +15 26.1 20.1	-1.05	- 4.0	0.4/01.1	39198
2004 TP ₁₃₆	2009 10 31.8	02 24.13 +17 24.3 18.9	-0.81	- 8.0	1.0/01.8	19638
2002 UQ ₂₁	2009 10 31.8	02 24.13 +09 50.5 18.9	-1.09	- 2.0	1.7/30.8	62360
2006 XW ₁₆	2009 10 31.8	02 24.15 +08 27.6 19.8	-1.06	- 3.2	2.5/30.5	62496
2005 JK ₄	2009 10 31.8	02 24.16 +06 12.0 19.2	-1.10	- 2.6	3.4/30.0	40134
2007 BN ₃₄	2009 10 31.8	02 24.17 +09 29.2 21.4	-1.01	- 5.1	1.8/30.6	17684
2003 BD ₃₈	2009 10 31.8	02 24.17 +11 33.3 19.9	-1.00	- 4.3	1.0/31.2	62367
2002 GH ₁₈₀	2009 10 31.8	02 24.18 +11 37.0 19.9	-0.83	- 4.2	0.9/31.1	62347

2001 DQ ₅₅	2009 10 31.8	02 24.22 +26 28.0 20.4	-0.61 - 2.1	2.5/04.3	47164
2008 JV ₉	2009 10 31.8	02 24.23 +06 23.1 18.9	-1.11 + 1.3	3.6/30.4	40771
2005 QA ₁₀₀	2009 10 31.8	02 24.25 +17 32.8 21.7	-1.03 - 6.0	1.1/01.7	57007
2005 UK ₃₁	2009 10 31.8	02 24.25 +13 15.6 21.3	-0.98 - 4.8	0.4/31.6	47354
2002 ED ₁₈	2009 10 31.8	02 24.26 +12 40.2 20.2	-0.85 - 4.9	0.5/31.4	62343
2005 WM ₁₇₆	2009 10 31.8	02 24.27 +18 12.4 20.3	-0.91 - 4.2	1.4/01.9	18162
2005 VA ₂₈	2009 10 31.8	02 24.27 -03 44.9 19.2	-0.80 - 3.1	5.7/27.0	62457
2007 HL ₄₄	2009 10 31.8	02 24.27 +28 49.2 20.4	-1.04 - 1.5	4.8/04.3	55325
2001 XO ₁₄₆	2009 10 31.8	02 24.29 +04 20.0 19.6	-0.94 - 2.9	3.6/29.4	62333
2001 VX ₂	2009 10 31.8	02 24.33 +04 18.4 18.1	-1.84 +14.1	5.5/31.4	60749
2007 EU ₄₂	2009 10 31.8	02 24.37 +17 18.0 19.9	-0.93 - 3.0	1.0/01.6	22880
2004 RK ₃₄₅	2009 10 31.8	02 24.40 +20 49.5 20.1	-0.92 - 4.8	2.2/02.7	58483
2005 QL ₄₄	2009 10 31.8	02 24.44 +15 19.0 19.1	-1.07 - 3.9	0.4/01.1	40137
2004 TJ ₁₂₂	2009 10 31.9	02 24.36 +12 21.3 19.2	-0.88 - 3.2	0.7/31.4	62406
2005 RZ ₄₀	2009 10 31.9	02 24.37 +13 54.9 20.4	-1.04 - 4.0	0.1/31.8	12904
2004 RZ ₂₇₁	2009 10 31.9	02 24.38 +15 51.3 20.7	-0.91 - 4.0	0.5/01.3	62401
2007 BJ ₃₆	2009 10 31.9	02 24.38 +31 57.8 18.9	-1.16 - 2.1	8.3/05.4	58084
2007 DK ₅₃	2009 10 31.9	02 24.43 +24 18.9 19.5	-1.09 - 3.1	4.5/03.3	17756
1995 OC ₉	2009 10 31.9	02 24.43 -01 07.5 20.6	-0.82 - 5.9	5.2/27.5	57335
2006 CO ₂₄	2009 10 31.9	02 24.45 +31 52.2 21.0	-0.87 - 3.3	4.4/05.8	47388
2002 PL ₆₆	2009 10 31.9	02 24.46 +20 37.4 20.7	-1.12 - 6.5	2.5/02.6	37297
2002 CS ₉₀	2009 10 31.9	02 24.46 +17 34.4 19.0	-0.93 - 3.8	1.3/01.7	62340
2001 XA ₄₆	2009 10 31.9	02 24.48 +08 17.9 18.7	-1.07 + 0.6	2.4/30.7	20754
2008 RT ₆₆	2009 10 31.9	02 24.49 +02 02.7 20.0	-0.49 - 2.9	2.2/28.4	62542
2005 WG ₁₅₀	2009 10 31.9	02 24.50 +15 44.9 20.5	-0.95 - 3.1	0.5/01.3	22804
2005 YY ₂₀	2009 10 31.9	02 24.50 +25 17.3 20.0	-0.90 - 5.5	4.8/04.0	96677
2005 QF ₁₆₀	2009 10 31.9	02 24.54 -10 18.3 19.6	-0.97 - 2.8	9.5/26.0	62429
2006 BO ₂₂₆	2009 10 31.9	02 24.55 +30 40.8 21.0	-0.96 - 2.6	5.1/05.1	56040
2004 RH ₁₀₈	2009 10 31.9	02 24.55 +26 41.3 19.6	-0.92 - 5.5	4.8/04.5	95371
2004 TD ₂₇₉	2009 10 31.9	02 24.55 +06 20.1 19.2	-1.02 + 1.8	2.6/30.4	41819
2000 FL ₂₀	2009 10 31.9	02 24.56 +20 52.2 19.0	-0.94 - 0.4	1.9/02.4	01997
2005 UB ₁₆₄	2009 10 31.9	02 24.56 +17 44.6 19.9	-0.97 - 4.3	1.4/01.8	18143
2003 ST ₃₂₃	2009 10 31.9	02 24.57 +33 29.2 20.6	-1.01 - 1.7	5.8/05.9	10989
2007 PM ₁₆	2009 10 31.9	02 24.59 +35 07.0 19.7	-0.67 - 1.3	4.0/06.8	47438
2005 UU ₄₅₆	2009 10 31.9	02 24.60 +12 58.4 18.2	-0.95 - 2.2	0.6/31.6	61978
2006 AA ₇₈	2009 10 31.9	02 24.67 -08 55.8 20.7	-0.79 - 2.8	7.0/25.7	96956
2004 EW ₅	2009 10 31.9	02 24.67 +09 08.5 20.2	-0.99 - 5.2	1.9/30.6	62386
2006 WK ₁₅₃	2009 10 31.9	02 24.68 +25 44.0 20.4	-1.07 - 5.4	5.1/04.0	17674
2003 GZ ₂₁	2009 10 31.9	02 24.69 +25 05.1 19.1	-0.67 - 0.2	2.0/03.7	62371
2003 TP ₅₈	2009 10 31.9	02 24.69 +20 19.5 19.5	-0.81 - 4.8	2.1/02.6	08772
2002 AE ₁₈₉	2009 10 31.9	02 24.70 +00 29.7 20.4	-0.84 - 8.3	4.8/27.7	62338
2002 ER ₃₄	2009 10 31.9	02 24.71 +06 17.4 20.4	-0.86 - 4.1	2.7/29.9	41780
2007 EE ₄₅	2009 10 31.9	02 24.71 +05 48.4 21.2	-0.81 - 6.1	2.6/29.5	41326
2007 BD ₅₇	2009 10 31.9	02 24.72 +16 05.3 20.5	-1.07 - 4.0	0.7/01.4	18191
2004 HH ₂₈	2009 10 31.9	02 24.74 +08 21.1 21.2	-1.01 - 3.5	2.0/30.5	14118
2006 DP ₁₁₄	2009 10 31.9	02 24.74 +18 54.0 20.5	-0.89 - 1.1	1.2/02.0	62481
2002 AF ₉₀	2009 10 31.9	02 24.75 +03 58.0 17.4	-0.74 - 8.2	5.0/28.7	62337
2007 EF ₆₅	2009 10 31.9	02 24.78 +10 48.0 20.3	-0.92 - 3.6	1.3/31.1	62511
2007 BY ₄₉	2009 10 31.9	02 24.78 +15 03.1 21.0	-0.99 - 5.4	0.2/01.2	18191
2000 HW ₉₇	2009 10 31.9	02 24.79 +11 57.9 20.9	-0.95 - 4.9	0.8/31.4	16139
2003 UT ₂₁₇	2009 10 31.9	02 24.81 +20 59.0 19.2	-0.84 - 3.1	2.2/02.7	59716

2005 QH ₄₅	2009 11 01.0	02 24.76 +01 00.5 20.6	-0.92 - 4.8	5.6/28.5	62426
2008 RQ ₁₆	2009 11 01.0	02 24.77 +15 43.0 21.0	-0.52 - 3.1	0.2/01.4	46645
2003 SJ ₁₈₁	2009 11 01.0	02 24.77 +33 37.9 20.0	-0.98 - 2.0	5.2/06.1	48900
2007 EX ₂₂₀	2009 11 01.0	02 24.78 +18 40.1 21.2	-0.97 - 2.3	1.4/02.0	41869
2007 BZ ₇₇	2009 11 01.0	02 24.83 +27 12.4 19.7	-1.07 - 2.1	4.8/04.1	40707
2001 YG ₉₆	2009 11 01.0	02 24.84 +04 24.3 18.8	-0.99 - 0.8	4.2/29.8	62335
2004 PB ₆₂	2009 11 01.0	02 24.86 -05 58.9 19.5	-0.97 + 0.7	7.9/27.7	62395
2006 WM ₁₅₃	2009 11 01.0	02 24.90 +16 03.3 19.6	-1.04 - 3.9	0.8/01.4	18182
2002 SR ₇₁	2009 11 01.0	02 24.91 +02 28.2 19.9	-1.05 - 3.2	4.7/29.2	40108
2001 VV ₈₅	2009 11 01.0	02 24.91 +22 14.9 19.3	-1.06 - 2.8	3.4/02.9	20752
2001 XF ₆₆	2009 11 01.0	02 24.91 +26 59.1 18.0	-0.92 - 7.4	5.1/04.8	59673
2008 LN ₇	2009 11 01.0	02 24.94 -03 00.8 21.9	-0.89 - 2.5	5.5/27.9	40777
2008 RG ₁₇	2009 11 01.0	02 24.96 +21 40.9 20.8	-0.56 - 2.5	1.4/03.1	47461
2007 MJ ₁	2009 11 01.0	02 24.97 +22 10.9 19.0	-0.77 -10.1	2.3/03.6	22893
2002 UM ₄₁	2009 11 01.0	02 24.99 +06 17.1 18.7	-1.03 + 0.2	4.0/30.4	62360
2003 FR ₁₂₀	2009 11 01.0	02 25.00 +11 23.7 20.8	-0.88 - 5.8	0.9/31.2	62371
2005 NP ₅₇	2009 11 01.0	02 25.04 +03 54.7 19.3	-0.91 - 3.6	5.0/29.4	62423
2005 UQ ₆₃	2009 11 01.0	02 25.05 +12 32.8 20.3	-0.93 - 4.1	0.6/31.6	62445
2005 UD ₁₇₇	2009 11 01.0	02 25.06 +16 45.8 20.5	-0.95 - 4.5	0.9/01.7	18143
2007 HZ ₃₈	2009 11 01.0	02 25.11 +07 46.2 20.8	-0.82 - 5.7	2.0/30.2	43282
2004 BW ₁₀₆	2009 11 01.0	02 25.12 +03 46.9 19.9	-1.06 - 3.7	4.4/29.5	62383
2004 LQ ₁₂	2009 11 01.0	02 25.13 +05 39.9 21.0	-0.99 - 4.2	3.1/29.9	41149
2005 YT ₁₄₆	2009 11 01.0	02 25.14 +21 26.4 19.7	-0.95 - 3.3	2.8/02.9	96798
2004 KL ₃	2009 11 01.0	02 25.14 +17 41.2 19.9	-0.96 - 6.8	1.2/02.0	00723
2005 YY ₂₇	2009 11 01.0	02 25.16 +11 50.6 20.2	-0.86 - 3.4	0.8/31.4	62468
2007 EP ₈	2009 11 01.0	02 25.16 +13 49.1 20.2	-0.90 - 4.2	0.2/31.9	17789
2004 AA ₈	2009 11 01.0	02 25.16 +24 26.1 19.2	-1.11 - 1.1	5.5/03.3	04285
2008 SX ₅₀	2009 11 01.0	02 25.16 +22 37.1 20.5	-0.57 - 1.6	1.5/03.3	47488
2005 NJ ₁₀₂	2009 11 01.0	02 25.17 +42 59.8 18.8	-1.14 -13.4	10.9/12.2	40692
2007 EZ ₅₃	2009 11 01.0	02 25.20 +18 29.3 20.7	-0.90 - 1.3	1.2/02.1	20853
2006 HQ ₁₃₅	2009 11 01.0	02 25.20 +11 21.7 20.9	-0.79 - 4.6	0.9/31.3	62483
2005 UE ₆₂	2009 11 01.0	02 25.20 +13 12.2 19.6	-0.93 - 4.8	0.5/31.8	17600
2008 GF ₈₃	2009 11 01.0	02 25.24 +07 26.6 19.8	-1.02 - 4.2	2.7/30.4	62534
2002 CA ₁₁₀	2009 11 01.1	02 25.14 +35 40.1 19.7	-1.12 - 1.0	7.0/06.3	48486
2002 AZ ₆₈	2009 11 01.1	02 25.17 +08 41.3 20.4	-0.84 - 6.2	2.0/30.5	21774
2005 QV ₁₄₀	2009 11 01.1	02 25.17 +22 03.9 18.1	-0.92 - 0.8	4.1/02.9	62429
2004 TR ₁₄₇	2009 11 01.1	02 25.18 +20 45.4 20.5	-0.92 - 3.1	2.1/02.7	18103
2001 YN ₇	2009 11 01.1	02 25.19 +08 05.5 18.6	-0.95 - 2.4	2.6/30.6	60755
2006 AG ₃₂	2009 11 01.1	02 25.19 +39 59.1 19.5	-1.24 - 0.1	9.5/06.8	02269
2001 SG ₁₁₂	2009 11 01.1	02 25.21 +00 43.1 19.9	-1.12 - 7.8	6.4/28.4	37933
1994 SJ ₁₀	2009 11 01.1	02 25.21 +17 10.4 20.2	-1.08 - 2.5	1.2/01.8	58392
2006 AV ₅	2009 11 01.1	02 25.25 -00 11.9 19.9	-0.79 - 2.1	3.9/28.5	41838
2002 TL ₂₈₇	2009 11 01.1	02 25.31 +23 02.6 18.2	-1.21 - 1.5	4.0/03.1	62359
2003 SC ₂₆₉	2009 11 01.1	02 25.32 +21 51.6 19.8	-0.89 - 1.3	2.1/02.9	41797
2005 SB ₂₀₁	2009 11 01.1	02 25.33 +14 38.5 20.6	-1.02 - 4.0	0.1/01.2	62436
2005 AC ₄₆	2009 11 01.1	02 25.37 +53 09.8 19.3	-1.99 + 3.9	18.5/09.2	39212
2006 DP ₁₀₇	2009 11 01.1	02 25.38 +03 14.3 20.1	-0.74 - 6.0	3.6/28.9	62481
2005 YX ₆₄	2009 11 01.1	02 25.44 +16 11.5 20.0	-0.88 - 4.2	0.6/01.6	62469
2007 FB ₃₆	2009 11 01.1	02 25.45 +10 04.9 20.7	-0.91 - 5.8	1.6/31.0	62517
2001 XR ₁₆₁	2009 11 01.1	02 25.46 +23 10.8 19.0	-0.91 - 8.3	3.2/03.8	17979
2007 EW ₁₆₈	2009 11 01.1	02 25.48 +08 43.4 21.2	-0.88 - 4.4	1.9/30.7	20857

2005 NQ ₇₀	2009 11 01.1	02 25.49 +10 11.2 20.0	-1.02	- 4.6	1.8/31.1	60829
1993 FL ₁₇	2009 11 01.1	02 25.53 +10 48.3 20.7	-1.02	- 3.3	1.2/31.3	62291
2004 TL ₄₈	2009 11 01.1	02 25.54 +13 13.5 19.3	-0.87	- 3.2	0.4/31.9	62404
2002 AK ₂₀₂	2009 11 01.1	02 25.57 +17 41.4 19.3	-0.89	- 5.5	1.3/02.1	17990
2007 HP ₄₃	2009 11 01.1	02 25.58 +07 23.4 19.2	-0.88	- 0.9	2.4/30.6	41873
2004 XK ₃₂	2009 11 01.1	02 25.58 -11 06.5 19.5	-0.87	+ 0.7	7.3/26.4	40691
2007 HH ₃₈	2009 11 01.2	02 25.54 +07 15.9 21.2	-0.76	- 4.4	2.0/30.3	41873
2000 VQ ₄	2009 11 01.2	02 25.56 +14 20.5 19.1	-0.93	- 2.6	0.0/01.2	17925
2001 XE ₂₀	2009 11 01.2	02 25.56 +21 45.6 17.5	-0.88	- 1.7	3.7/03.0	62330
2007 CY ₁₂	2009 11 01.2	02 25.57 +18 27.2 18.4	-0.88	- 9.1	2.2/02.4	38127
2003 SS ₁₇₅	2009 11 01.2	02 25.57 +26 19.9 19.7	-0.87	- 4.0	3.8/04.5	48900
2001 XZ ₉₂	2009 11 01.2	02 25.58 +18 59.1 18.8	-0.96	- 5.0	1.9/02.4	17977
2005 YS ₂₀₇	2009 11 01.2	02 25.60 +16 13.8 20.8	-0.90	- 3.8	0.7/01.7	62472
2003 BL ₃₈	2009 11 01.2	02 25.66 +01 17.5 19.4	-0.95	- 4.1	4.9/28.8	62367
2005 XC ₁₄	2009 11 01.2	02 25.66 +08 25.4 19.9	-0.87	- 4.6	2.1/30.6	62465
2005 PW ₁₀	2009 11 01.2	02 25.66 +11 54.8 18.3	-0.96	- 1.9	1.3/31.6	18114
2008 EV ₄₇	2009 11 01.2	02 25.67 +05 56.0 19.8	-0.97	- 7.6	3.4/29.9	62527
2004 FU ₁₁₅	2009 11 01.2	02 25.68 +10 00.2 20.2	-1.02	- 3.2	1.4/31.2	62390
2002 YE ₁₇	2009 11 01.2	02 25.68 +21 18.6 20.0	-1.05	- 5.5	2.9/03.0	42633
2002 BR ₂	2009 11 01.2	02 25.68 +20 44.1 19.5	-0.95	- 4.0	2.4/02.9	17991
2005 UK ₂₉₇	2009 11 01.2	02 25.69 +18 30.3 20.2	-0.89	- 7.9	1.3/02.4	56033
2007 HW ₇₉	2009 11 01.2	02 25.69 +11 29.3 20.6	-0.83	- 8.2	0.9/31.4	62521
2006 DD ₁₉₆	2009 11 01.2	02 25.70 -02 19.6 18.6	-0.82	- 2.3	5.6/28.0	62482
1995 SV ₈	2009 11 01.2	02 25.70 +18 24.7 20.7	-1.11	- 4.3	1.5/02.2	40082
2005 VH ₃₉	2009 11 01.2	02 25.70 +19 28.2 20.3	-0.93	- 6.0	1.8/02.6	56037
2004 PM ₂₆	2009 11 01.2	02 25.73 +06 28.6 19.2	-0.83	- 4.2	3.4/30.1	19616
2004 RD ₁₄₈	2009 11 01.2	02 25.76 +03 11.5 19.6	-0.85	- 4.0	4.0/29.3	62398
2006 AQ ₁₀	2009 11 01.2	02 25.76 -19 49.3 21.5	-0.76	- 1.6	7.8/22.5	43250
2004 TN ₂₀₁	2009 11 01.2	02 25.83 +15 30.1 19.8	-0.94	- 0.7	0.3/01.5	41818
2006 FM ₁₇	2009 11 01.2	02 25.83 +06 18.0 20.8	-0.73	- 6.7	2.3/29.8	01519
2000 BL ₃₉	2009 11 01.2	02 25.89 +02 44.4 21.7	-0.74	- 3.6	3.1/29.1	62302
2005 YG ₂₇₂	2009 11 01.2	02 25.90 +00 32.1 20.0	-0.90	- 3.0	4.9/28.7	21169
2007 EX ₂	2009 11 01.2	02 25.91 +27 02.2 21.7	-1.03	- 2.5	3.7/04.3	19708
2008 FC ₁₅	2009 11 01.2	02 25.97 +06 44.9 19.3	-1.15	+ 2.6	3.1/31.0	43299
2007 DU ₂₂	2009 11 01.2	02 25.97 +03 50.7 20.4	-0.92	- 6.0	4.3/29.4	26248
2004 XF ₁₇₄	2009 11 01.2	02 25.98 +18 06.5 19.9	-0.86	- 2.6	1.2/02.2	62415
2005 WS ₁₆₅	2009 11 01.2	02 25.99 +04 12.6 20.3	-1.02	+ 0.4	4.3/30.2	98012
2003 HA ₄₆	2009 11 01.2	02 26.00 +06 18.7 20.5	-0.96	- 1.0	2.5/30.5	94996
2006 AR ₁₃	2009 11 01.3	02 25.93 -00 46.5 20.1	-0.86	- 4.0	5.4/28.2	98075
2004 VJ ₆₄	2009 11 01.3	02 25.94 -12 58.0 19.2	-0.89	+ 0.7	8.8/26.1	62412
2007 EW ₂₁₉	2009 11 01.3	02 25.95 +17 14.0 20.1	-0.96	- 2.1	1.0/02.0	41334
2004 TE ₇₇	2009 11 01.3	02 25.96 +11 16.9 20.3	-0.82	- 5.8	1.0/31.4	62405
2008 FF ₁₂₆	2009 11 01.3	02 25.96 +00 13.1 21.0	-0.88	- 6.6	4.7/28.4	62532
2004 JZ ₂₆	2009 11 01.3	02 25.97 +04 21.7 19.7	-1.07	0.0	3.7/30.3	38028
2005 NX ₂₁	2009 11 01.3	02 25.99 +22 32.1 20.7	-1.08	- 6.6	3.0/03.5	14740
2004 PF ₈₀	2009 11 01.3	02 26.01 +32 04.6 19.9	-1.03	- 3.9	6.1/06.2	16277
2004 RD ₁₆₀	2009 11 01.3	02 26.07 +24 21.7 19.9	-0.95	- 3.8	3.5/03.9	22776
2004 YZ ₃₀	2009 11 01.3	02 26.09 -21 51.5 18.9	-0.88	+ 1.5	11.9/23.5	62416
2007 FF ₂₁	2009 11 01.3	02 26.13 +08 41.4 22.0	-0.86	- 4.8	1.7/30.8	31526
2006 CW ₆₇	2009 11 01.3	02 26.13 +14 07.4 20.7	-0.82	- 4.3	0.1/01.3	46406
2004 JW ₈	2009 11 01.3	02 26.16 +12 03.0 21.2	-0.99	- 4.7	0.8/31.7	21812

2007 JL ₂₈	2009 11 01.3	02 26.23 +12 09.4 20.5	-0.79	- 3.8	0.7/31.8	62521
2000 SA ₂₉₈	2009 11 01.3	02 26.24 +20 03.7 18.3	-0.87	- 6.3	2.3/03.0	60733
1998 SK ₈₇	2009 11 01.3	02 26.29 +15 05.4 18.3	-0.81	- 9.5	0.3/01.6	62295
2005 YA ₁₀₆	2009 11 01.3	02 26.29 +19 21.7 20.1	-0.86	- 4.9	1.5/02.7	41232
2003 SO ₁₄	2009 11 01.3	02 26.32 +34 36.5 19.5	-1.09	+ 1.6	7.7/05.7	61880
1999 KK ₇	2009 11 01.3	02 26.33 -00 53.1 19.6	-0.94	- 1.3	5.0/28.9	31753
2007 DR ₁₀₅	2009 11 01.3	02 26.34 +21 05.1 20.4	-0.98	- 4.2	2.5/03.1	22879
2005 YR ₁₁₈	2009 11 01.3	02 26.34 +19 38.7 20.9	-0.92	- 3.6	1.7/02.7	26116
2005 NB ₁₁₇	2009 11 01.3	02 26.39 +20 51.6 19.5	-0.97	- 5.8	3.0/03.1	14189
2002 YT ₂₄	2009 11 01.3	02 26.40 +10 29.1 19.3	-0.94	- 4.7	1.9/31.4	62365
2004 DO ₄₁	2009 11 01.3	02 26.40 +12 54.7 18.9	-1.06	- 3.3	0.6/01.0	62386
1996 RC ₁₉	2009 11 01.4	02 26.32 +25 52.0 21.0	-1.07	- 2.0	3.9/04.1	22362
2007 ER ₁₆₀	2009 11 01.4	02 26.34 +39 04.5 19.3	-1.59	+ 4.9	8.8/05.3	43277
1995 VF ₁₆	2009 11 01.4	02 26.35 +13 06.4 20.4	-0.88	- 3.7	0.5/01.1	62292
2007 CZ ₂₄	2009 11 01.4	02 26.39 +22 44.9 20.1	-1.05	- 5.5	3.1/03.6	18195
2000 QY ₈₄	2009 11 01.4	02 26.40 +12 07.4 19.1	-0.88	- 6.7	0.9/31.8	62306
2002 VZ ₈	2009 11 01.4	02 26.42 +23 52.0 19.4	-1.10	- 2.7	4.3/03.6	19585
2001 OP ₁₁	2009 11 01.4	02 26.44 +14 43.5 19.5	-1.08	- 2.5	0.1/01.5	40092
2008 HR ₆₆	2009 11 01.4	02 26.45 -02 55.4 20.4	-0.96	- 3.5	6.0/28.2	59134
2002 RV ₉₃	2009 11 01.4	02 26.47 +17 45.4 17.9	-0.79	- 8.0	1.7/02.4	39171
2004 LK ₂₃	2009 11 01.4	02 26.52 +00 56.0 21.0	-1.02	- 1.7	4.8/29.6	70366
2005 WT ₁₀₉	2009 11 01.4	02 26.52 +09 15.5 20.8	-0.89	- 3.3	1.6/31.1	59766
2000 SB ₃₆₆	2009 11 01.4	02 26.56 +34 16.4 18.4	-1.18	0.0	7.7/05.9	62309
2004 RG ₁₇₁	2009 11 01.4	02 26.61 +10 48.5 19.7	-0.83	- 5.9	1.5/31.4	56949
2005 WQ ₁₁₆	2009 11 01.4	02 26.64 -00 18.6 19.2	-0.94	- 1.5	5.6/29.0	19672
2002 AW ₁₀₇	2009 11 01.4	02 26.65 +05 02.5 19.4	-0.91	- 3.8	3.9/30.0	60757
2008 FF ₆₇	2009 11 01.4	02 26.66 +13 19.9 19.1	-1.05	- 2.9	0.5/01.2	62530
2005 YU ₁₇₄	2009 11 01.4	02 26.68 +40 06.2 19.3	-1.16	- 0.3	11.2/07.5	62472
2004 FA ₁₁₀	2009 11 01.4	02 26.72 +11 52.4 20.0	-0.96	- 6.4	0.9/31.8	62389
2003 AT ₂₀	2009 11 01.4	02 26.77 +01 44.6 19.7	-1.03	- 2.5	4.8/29.5	62365
2005 SJ ₂₇	2009 11 01.4	02 26.78 +22 25.4 20.7	-1.07	- 5.2	2.9/04.0	95768
1995 FA ₆	2009 11 01.5	02 26.74 +17 26.0 21.3	-0.96	- 3.6	0.9/02.2	14580
2003 SZ ₁₀₀	2009 11 01.5	02 26.80 +24 48.0 18.1	-0.81	- 6.4	3.4/04.6	57949
2005 YB ₁₇₆	2009 11 01.5	02 26.81 +16 17.5 20.1	-0.88	- 4.2	0.6/02.0	18170
2001 YM ₈₅	2009 11 01.5	02 26.81 +38 56.0 19.8	-1.07	- 4.9	9.1/08.6	94441
2005 WA ₁₀₁	2009 11 01.5	02 26.82 +14 35.4 18.6	-0.86	- 5.8	0.0/01.5	38082
2002 ER ₁₃₇	2009 11 01.5	02 26.82 +10 31.6 21.0	-0.87	- 4.7	1.3/31.5	62345
2004 RV ₁₃₅	2009 11 01.5	02 26.84 +14 13.1 20.4	-0.91	- 3.3	0.1/01.5	19625
2005 ME ₃₉	2009 11 01.5	02 26.87 +23 47.8 19.5	-1.09	- 5.4	4.1/04.0	90215
2007 BP ₆₉	2009 11 01.5	02 26.87 +08 58.0 20.4	-1.00	- 5.2	2.2/31.1	19696
2006 CQ ₁₂	2009 11 01.5	02 26.88 +11 03.3 20.9	-0.80	- 4.2	1.1/31.6	62480
2002 SL ₂₄	2009 11 01.5	02 26.89 +15 33.4 19.3	-1.13	- 2.1	0.4/01.8	12819
2007 EB ₁₃₄	2009 11 01.5	02 26.89 +14 29.9 20.6	-0.83	- 3.7	0.0/01.5	22883
2004 OM ₁₅	2009 11 01.5	02 26.90 +12 26.3 19.6	-1.03	- 0.6	0.9/01.1	62394
2006 BR ₇₅	2009 11 01.5	02 26.90 -03 41.3 18.9	-0.80	- 2.6	6.0/27.9	19687
2001 XZ ₁₈₇	2009 11 01.5	02 26.91 +06 42.2 17.8	-0.80	- 5.0	3.7/30.4	62333
2001 YS ₄	2009 11 01.5	02 26.92 +24 13.1 19.2	-1.16	+ 0.8	3.6/03.5	21309
2005 TP ₆₄	2009 11 01.5	02 26.95 +34 08.1 20.8	-1.46	+ 2.7	7.1/04.9	19202
2004 RP ₂₃₄	2009 11 01.5	02 26.96 -06 11.2 20.8	-0.80	- 7.2	7.6/26.1	11068
2004 PL ₂₀	2009 11 01.5	02 26.97 +06 49.1 19.4	-0.88	- 3.9	3.0/30.6	62394
2005 OR ₂₈	2009 11 01.5	02 27.02 +11 33.5 19.2	-0.94	- 7.6	1.2/31.7	62425

2007 EB ₂₁₄	2009 11 01.5	02 27.03 +14 53.3 21.1	-0.93	- 5.5	0.1/01.7	21878
2003 SQ ₉₇	2009 11 01.5	02 27.06 +30 44.4 18.2	-0.81	- 7.1	5.7/06.7	57949
2004 HY ₃₀	2009 11 01.5	02 27.08 +23 30.3 20.0	-1.09	- 4.4	3.3/04.0	39201
2002 QB ₅₄	2009 11 01.5	02 27.08 +04 20.7 20.8	-1.04	- 5.4	4.1/30.0	37961
2005 NL ₈₄	2009 11 01.5	02 27.09 +18 28.3 19.4	-1.08	- 4.9	1.7/02.6	39217
2006 SA ₃₈	2009 11 01.5	02 27.11 +46 09.8 19.7	-1.87	+ 5.9	15.5/06.6	14787
2007 GV ₇₃	2009 11 01.5	02 27.12 +02 46.9 19.9	-0.77	- 6.0	3.6/29.2	62519
2007 GX ₁	2009 11 01.5	02 27.14 +15 32.3 19.8	-1.39	+ 2.2	0.4/01.7	20861
2004 FB ₃₁	2009 11 01.5	02 27.15 -15 40.8 21.0	-0.94	- 1.7	9.3/25.4	59722
2000 RM ₈₁	2009 11 01.5	02 27.17 +37 16.1 18.8	-1.07	- 6.9	9.0/09.1	13733
2001 FC ₁₈₇	2009 11 01.5	02 27.17 +20 48.9 20.1	-0.84	- 2.9	1.7/03.2	59662
2006 CS ₆₃	2009 11 01.6	02 27.14 +02 56.0 21.5	-0.84	- 2.9	3.4/29.7	62480
2007 FQ ₂	2009 11 01.6	02 27.14 -01 39.7 20.3	-0.94	- 1.7	5.1/28.8	22885
2004 VV ₄₀	2009 11 01.6	02 27.16 +13 49.8 20.1	-0.82	- 4.8	0.2/01.4	20812
2005 MH ₃₉	2009 11 01.6	02 27.16 +23 56.0 19.2	-1.04	- 5.1	4.4/04.1	87692
2008 RZ ₂₀	2009 11 01.6	02 27.16 +24 02.3 19.9	-0.58	- 2.1	1.8/04.3	46647
2004 XC ₁₀₂	2009 11 01.6	02 27.19 +19 12.7 19.8	-1.00	+ 0.5	1.4/02.6	62415
2008 FQ ₉₆	2009 11 01.6	02 27.20 +12 45.1 21.1	-1.12	- 2.4	0.6/01.2	40751
2003 HH ₉	2009 11 01.6	02 27.21 +18 29.3 19.0	-1.09	+ 0.1	1.4/02.4	62371
2004 RM ₂₃₀	2009 11 01.6	02 27.24 +16 31.8 19.4	-0.88	- 4.0	0.7/02.1	19628
2001 VO ₇₄	2009 11 01.6	02 27.25 +08 00.1 19.7	-1.15	+ 4.0	3.0/31.6	97506
2007 GT ₁	2009 11 01.6	02 27.29 +14 36.7 20.3	-0.82	- 3.4	0.0/01.7	62517
2002 QM ₇₃	2009 11 01.6	02 27.29 +15 46.4 20.3	-1.12	- 3.6	0.5/01.9	58434
2005 UN ₂₀₁	2009 11 01.6	02 27.31 +12 43.6 20.3	-0.94	- 4.3	0.7/01.2	62449
2004 XO ₁₉	2009 11 01.6	02 27.35 -13 05.7 19.9	-0.92	+ 1.3	8.7/26.4	20371
1994 JT ₆	2009 11 01.6	02 27.40 +10 40.5 20.8	-0.92	- 2.6	1.2/31.7	62291
2004 GX ₃	2009 11 01.6	02 27.41 +17 05.3 20.2	-1.05	- 3.8	1.0/02.3	14720
2001 XJ ₅₆	2009 11 01.6	02 27.43 +03 42.1 19.5	-0.94	- 1.7	4.9/30.1	62331
2005 WO ₄₅	2009 11 01.6	02 27.43 +14 11.1 20.3	-0.98	- 4.0	0.2/01.6	96471
2003 SH ₈₈	2009 11 01.6	02 27.45 +16 40.6 19.0	-0.82	- 3.0	0.8/02.2	59706
2002 CE ₁₁₃	2009 11 01.6	02 27.46 +03 18.7 19.9	-0.85	- 4.2	3.7/29.7	62340
2007 EH ₂₀₀	2009 11 01.6	02 27.47 +17 01.1 20.9	-1.06	- 1.0	0.8/02.2	19449
2005 YM ₇	2009 11 01.6	02 27.48 +11 05.7 20.3	-0.86	- 3.4	1.1/31.8	62467
2005 UB ₇₉	2009 11 01.6	02 27.48 +13 28.8 18.9	-0.85	-10.3	0.4/01.3	62445
2007 DP ₁₀₅	2009 11 01.6	02 27.48 +16 33.9 20.7	-0.95	- 3.8	0.7/02.2	20545
2003 BZ ₅₅	2009 11 01.6	02 27.50 +51 23.3 20.4	-1.51	- 0.3	14.1/10.7	77689
2005 UR ₃₅₃	2009 11 01.6	02 27.52 +22 49.9 19.8	-1.03	- 3.3	2.6/04.0	62452
2006 YB ₅₂	2009 11 01.6	02 27.52 -02 35.7 20.4	-0.87	- 4.0	5.9/28.3	58562
2004 RK ₁₄₉	2009 11 01.6	02 27.53 +15 14.4 18.7	-0.95	- 1.9	0.2/01.8	62398
2003 SH ₃₀₈	2009 11 01.6	02 27.53 +36 06.2 18.7	-0.86	- 7.2	6.3/08.8	59710
2002 XN ₄₆	2009 11 01.6	02 27.53 +24 54.8 19.5	-1.08	- 4.0	4.3/04.2	62364
2008 GW ₄₆	2009 11 01.6	02 27.53 +04 25.0 21.7	-0.95	- 5.5	3.7/30.0	40210
2004 TO ₃₇	2009 11 01.6	02 27.54 +13 09.5 20.3	-0.84	- 4.7	0.5/01.3	20804
2002 SN ₄₅	2009 11 01.6	02 27.56 +14 00.4 19.0	-1.04	- 5.8	0.3/01.5	62356
2008 HY ₃₅	2009 11 01.6	02 27.58 +07 31.3 20.3	-1.05	- 0.2	2.5/31.3	40020
2007 ER ₁₃₉	2009 11 01.7	02 27.49 +15 35.4 19.0	-1.03	- 2.1	0.5/01.9	62514
2008 HC ₅₅	2009 11 01.7	02 27.51 +12 43.5 22.3	-0.97	- 5.3	0.6/01.2	41658
2005 WO ₁₅₄	2009 11 01.7	02 27.53 -05 20.6 20.0	-0.90	- 2.4	7.0/27.8	16340
2000 QA ₁₃₁	2009 11 01.7	02 27.53 +35 12.9 18.5	-1.11	- 2.7	8.6/07.3	62306
2005 UO ₁₈₉	2009 11 01.7	02 27.56 +15 35.0 20.1	-0.97	- 3.8	0.4/02.0	18144
2001 XV ₈₂	2009 11 01.7	02 27.59 +14 21.6 18.5	-0.84	- 7.2	0.1/01.7	19558

2006 DH ₁₂	2009 11 01.7	02 27.60 +08 01.4 20.8	-0.73	- 4.3	1.7/30.9	01331
2005 WG ₁₉	2009 11 01.7	02 27.61 +00 07.1 18.8	-0.67	- 4.7	7.7/28.3	62460
2006 DM ₃₀	2009 11 01.7	02 27.62 +18 24.9 21.5	-0.82	- 3.6	1.1/02.7	02289
2004 FV ₆₁	2009 11 01.7	02 27.64 +12 50.7 20.0	-1.03	- 4.1	0.7/01.3	62389
2002 VV ₅₈	2009 11 01.7	02 27.66 +13 13.3 17.9	-0.84	- 9.4	0.7/01.3	62361
2005 VK ₇₅	2009 11 01.7	02 27.67 +12 24.7 19.2	-1.04	- 1.2	0.8/01.3	61983
2008 UZ ₇	2009 11 01.7	02 27.73 +21 55.4 20.1	-0.56	- 2.2	1.4/03.8	50474
2004 TV ₂₉₂	2009 11 01.7	02 27.75 +13 23.3 20.4	-0.85	- 4.7	0.4/01.4	20810
2005 PT ₆	2009 11 01.7	02 27.76 +10 25.2 20.4	-1.11	- 2.7	1.6/31.8	62425
2008 SV ₂₂₆	2009 11 01.7	02 27.82 +03 47.1 21.3	-0.48	- 4.9	1.9/29.4	62543
2001 BS ₁₆	2009 11 01.7	02 27.82 -13 30.2 19.4	-0.55	- 1.1	5.2/24.8	43118
2005 QU ₁₄₀	2009 11 01.7	02 27.86 +03 11.1 19.5	-0.93	- 5.9	4.7/29.7	62429
2007 DQ ₆	2009 11 01.7	02 27.96 +19 23.5 20.9	-1.02	- 5.4	1.7/03.0	19701
2006 XX ₇₀	2009 11 01.7	02 27.97 +20 13.0 20.1	-1.00	- 5.9	2.0/03.3	62497
2006 YU ₅₁	2009 11 01.8	02 27.88 +05 09.1 19.8	-0.97	- 5.3	4.1/30.3	24142
2005 TB ₁₅₁	2009 11 01.8	02 27.89 +08 09.7 20.7	-0.94	- 5.5	2.3/31.1	62441
2005 XC ₅₂	2009 11 01.8	02 27.90 +14 49.0 19.1	-0.95	- 2.3	0.1/01.9	22804
2002 AV ₅₄	2009 11 01.8	02 27.92 -12 04.4 19.9	-0.87	- 2.2	10.1/25.8	97546
2000 EV ₇₅	2009 11 01.8	02 27.94 -01 59.5 19.4	-0.81	- 3.9	5.4/28.2	60728
2001 VU ₆₅	2009 11 01.8	02 27.94 +16 10.1 18.6	-1.05	+ 0.1	0.7/02.1	62327
2007 EL ₁₅₇	2009 11 01.8	02 27.96 -05 33.2 19.7	-0.86	- 3.3	6.6/27.6	40710
2007 HG ₄₀	2009 11 01.8	02 27.97 +11 08.5 20.0	-0.87	- 3.2	1.2/32.0	62065
2004 HM ₅₀	2009 11 01.8	02 27.98 +07 43.0 21.1	-0.99	- 6.3	2.4/31.0	66370
2002 QT ₈₈	2009 11 01.8	02 28.02 +04 10.4 21.0	-0.99	- 6.8	4.1/30.1	41101
2005 XE ₆	2009 11 01.8	02 28.06 +15 01.6 19.3	-1.10	+ 0.5	0.1/01.9	62465
2008 RK ₂₇	2009 11 01.8	02 28.07 +20 36.0 19.3	-0.54	- 3.3	1.1/03.6	50167
2002 AB ₁₀₅	2009 11 01.8	02 28.07 +09 50.8 19.9	-0.93	- 4.0	1.7/31.6	20758
2005 UD ₁₅₃	2009 11 01.8	02 28.09 +17 05.4 19.8	-0.93	- 5.4	0.8/02.5	62447
2005 VC ₁₁₈	2009 11 01.8	02 28.09 -34 47.2 19.0	-0.93	+10.6	25.3/22.1	62459
2002 CH ₂₈₂	2009 11 01.8	02 28.10 +08 03.7 20.6	-0.85	- 4.7	2.2/31.1	62342
2007 LD ₃₂	2009 11 01.8	02 28.12 +06 21.1 21.2	-0.81	- 1.6	2.2/30.9	22893
2006 BD ₁₇₄	2009 11 01.8	02 28.14 +07 26.4 19.6	-0.83	- 2.6	2.3/31.1	20839
2005 QD ₁₁	2009 11 01.8	02 28.15 +17 45.3 20.0	-1.00	- 4.2	1.4/02.6	90223
2007 ED ₄	2009 11 01.8	02 28.15 +17 41.9 20.3	-0.93	- 3.9	1.0/02.6	62509
2006 BB ₅₂	2009 11 01.8	02 28.18 +21 04.4 20.5	-0.83	- 3.6	1.8/03.6	47378
2007 FP ₄₁	2009 11 01.8	02 28.22 +23 23.9 19.3	-1.06	- 1.6	3.4/03.9	19472
2003 SW ₂₇₂	2009 11 01.8	02 28.25 +27 02.3 19.8	-0.90	- 2.3	3.9/05.0	95103
2004 ST ₃₃	2009 11 01.8	02 28.26 +13 51.1 18.8	-0.98	- 0.4	0.3/01.7	62402
2004 EY ₃₈	2009 11 01.8	02 28.27 +04 31.7 20.2	-0.97	- 4.4	3.4/30.3	87619
2003 SP ₆₆	2009 11 01.8	02 28.28 +11 09.8 19.8	-0.75	- 7.0	1.1/31.9	62375
2002 VC ₇	2009 11 01.8	02 28.30 +18 33.1 18.1	-0.95	- 3.4	2.0/02.9	62361
2005 TH ₁₄₁	2009 11 01.8	02 28.30 +10 30.7 20.8	-0.97	- 4.0	1.5/31.9	28233
2007 BU ₅₆	2009 11 01.9	02 28.28 +12 46.3 19.0	-1.04	- 2.2	0.9/01.5	22871
2006 DL ₇₁	2009 11 01.9	02 28.29 +24 22.4 20.8	-0.87	- 2.4	2.8/04.4	02293
2004 VJ ₇₀	2009 11 01.9	02 28.31 +13 26.6 19.4	-0.79	- 6.0	0.4/01.6	40691
2006 DB ₁₁₀	2009 11 01.9	02 28.31 +25 49.5 19.8	-0.95	- 1.0	3.9/04.5	01404
2006 DC ₈₃	2009 11 01.9	02 28.33 +03 02.6 20.6	-0.73	- 5.7	3.4/29.6	62481
2005 QW ₁₁₄	2009 11 01.9	02 28.34 +20 05.1 20.3	-1.05	- 3.3	2.2/03.2	21822
2007 AR ₂₄	2009 11 01.9	02 28.38 +23 51.7 19.3	-1.08	- 3.7	4.4/04.2	22869
2008 GA ₈₂	2009 11 01.9	02 28.38 +09 09.6 20.0	-1.02	- 4.3	2.2/31.6	62534
2004 XV ₇₆	2009 11 01.9	02 28.43 +10 35.5 19.3	-0.85	- 2.2	1.3/32.0	41822

2002 VC ₇₃	2009 11 01.9	02 28.47 +09 34.4 19.2	-0.96	- 4.9	2.3/31.6	15749
2006 BG ₁₆₇	2009 11 01.9	02 28.48 -01 29.9 20.3	-0.74	- 4.1	4.6/28.5	48990
2007 EN ₁₀₆	2009 11 01.9	02 28.49 +27 27.9 20.6	-1.05	- 1.2	3.8/04.9	43276
2007 GO ₅	2009 11 01.9	02 28.50 +16 52.6 21.0	-0.80	- 4.0	0.6/02.5	62518
2004 SH ₄₇	2009 11 01.9	02 28.51 +16 41.6 19.8	-0.84	- 6.0	0.7/02.5	62403
2008 RH ₃	2009 11 01.9	02 28.52 +16 07.4 19.5	-0.54	- 2.9	0.3/02.4	62541
2002 TB ₂₅₆	2009 11 01.9	02 28.52 +15 19.6 18.1	-0.87	- 7.9	0.4/02.1	62359
2005 TA ₄₄	2009 11 01.9	02 28.53 +17 43.1 20.3	-1.02	- 5.0	1.2/02.7	18132
2001 WE ₇	2009 11 01.9	02 28.53 +09 42.9 19.7	-1.01	- 3.6	2.1/31.8	04185
2007 ED ₂₂₁	2009 11 01.9	02 28.56 +13 29.6 20.2	-0.91	- 2.9	0.4/01.7	62516
2008 TR ₁₁₈	2009 11 01.9	02 28.63 +22 45.0 20.8	-0.57	- 2.0	1.5/04.2	46976
2005 YG ₇₁	2009 11 01.9	02 28.66 +28 15.2 20.2	-0.97	- 4.4	4.7/05.6	01174
2005 TG ₁₉₃	2009 11 01.9	02 28.66 +15 38.2 21.4	-0.99	- 4.7	0.3/02.2	93239
2001 QQ ₄₄	2009 11 01.9	02 28.66 +01 05.2 19.3	-0.91	- 4.1	6.0/29.6	62315
2001 WM ₇₀	2009 11 01.9	02 28.66 +09 53.9 19.8	-0.97	- 2.5	2.0/31.9	17973
2002 HU ₉	2009 11 01.9	02 28.67 +14 07.1 19.6	-0.94	- 3.0	0.2/01.8	94764
2006 YM ₈	2009 11 01.9	02 28.75 +25 04.8 20.0	-1.08	- 5.5	4.4/04.7	18184
2007 BV ₂₁	2009 11 01.9	02 28.75 +28 00.4 20.3	-1.11	- 4.1	5.3/05.4	17684
2006 UU ₂₁₀	2009 11 01.9	02 28.78 +21 59.2 20.0	-1.22	- 7.1	3.3/04.0	35976
2004 TY ₁₅₁	2009 11 02.0	02 28.66 +16 16.5 20.1	-0.87	- 4.3	0.6/02.4	18103
2007 JE ₂₀	2009 11 02.0	02 28.67 +11 54.4 21.6	-0.77	- 3.7	0.7/01.3	26288
2007 GC ₄₇	2009 11 02.0	02 28.68 +07 06.5 20.2	-0.84	- 1.7	2.2/31.2	43280
2003 DN ₁₅	2009 11 02.0	02 28.68 -05 07.1 20.2	-0.88	- 3.4	6.3/27.9	16246
2002 XL ₂₉	2009 11 02.0	02 28.69 -13 00.5 20.1	-1.11	- 0.4	9.0/26.4	21324
2005 AK ₄₅	2009 11 02.0	02 28.69 +51 44.8 19.2	-1.45	+ 3.6	12.8/10.0	76599
2007 CM	2009 11 02.0	02 28.74 +02 47.8 20.0	-0.97	- 5.2	4.9/29.9	60886
2004 HP ₇₂	2009 11 02.0	02 28.77 +12 01.8 20.4	-0.53	- 2.8	0.5/01.3	62392
2004 RA ₃₂₁	2009 11 02.0	02 28.77 +21 07.8 19.7	-0.89	- 5.3	2.4/03.8	42714
2007 DT ₃₂	2009 11 02.0	02 28.84 +09 39.4 19.3	-0.90	- 4.6	1.9/31.7	62506
2004 FP ₄₁	2009 11 02.0	02 28.86 +09 27.6 20.2	-0.98	- 4.5	1.8/31.7	62389
2006 GM ₄₁	2009 11 02.0	02 28.87 +06 42.1 20.0	-0.73	- 7.4	2.2/30.6	60862
2005 YQ ₁₈₂	2009 11 02.0	02 28.89 +27 27.5 19.4	-0.91	- 6.0	4.0/05.6	96827
2005 WX ₁₈₀	2009 11 02.0	02 28.91 +01 25.1 19.9	-0.85	- 7.8	4.7/29.1	62464
2007 DJ ₂₈	2009 11 02.0	02 28.93 +13 33.0 20.6	-1.03	- 3.9	0.4/01.8	20849
2001 YR ₅₀	2009 11 02.0	02 28.93 +09 14.5 18.6	-0.97	- 2.1	2.2/31.8	17983
1999 RB ₁₀₆	2009 11 02.0	02 28.94 +20 09.3 18.6	-1.00	- 8.4	2.7/04.0	39136
2000 GD ₅₅	2009 11 02.0	02 28.97 +16 07.3 19.9	-1.03	- 3.9	0.5/02.4	59654
2002 AP ₂₆	2009 11 02.0	02 28.98 +20 22.4 18.0	-0.96	- 3.1	2.4/03.5	17986
2008 SH ₂₁₃	2009 11 02.0	02 28.99 +11 43.4 20.5	-0.52	- 2.9	0.6/01.2	62542
2007 PG ₂₈	2009 11 02.0	02 28.99 +25 17.2 19.5	-0.55	- 3.2	1.9/05.2	48617
2006 XH ₂₂	2009 11 02.0	02 28.99 +00 50.9 19.4	-1.03	- 0.2	7.2/30.1	53587
2005 RL ₂₈	2009 11 02.0	02 29.01 +14 35.4 19.3	-1.12	- 1.5	0.0/02.0	62430
2005 JP ₁₄₃	2009 11 02.0	02 29.03 +10 21.9 20.7	-1.06	- 5.7	1.8/32.0	39214
2005 QA ₅₄	2009 11 02.0	02 29.04 +07 36.9 19.9	-0.97	- 5.4	2.9/31.3	62427
2001 XS ₁₅₉	2009 11 02.0	02 29.05 +25 55.9 19.4	-0.97	- 6.5	3.7/05.2	20755
2007 FZ ₂₄	2009 11 02.0	02 29.06 +16 33.3 20.9	-0.94	- 3.5	0.6/02.5	20585
2005 WF ₁₀₅	2009 11 02.0	02 29.12 -03 59.8 19.6	-0.83	- 6.6	6.3/27.6	62462
2005 PV ₁₈	2009 11 02.0	02 29.13 +08 47.0 21.6	-0.99	- 6.5	2.2/31.5	40693
2003 OU ₂₇	2009 11 02.1	02 29.08 +09 59.8 19.8	-0.82	- 3.9	1.5/31.9	62373
2005 SH ₂₄₇	2009 11 02.1	02 29.08 +14 43.3 20.3	-0.97	- 5.1	0.0/02.1	40144
2005 YM ₅₉	2009 11 02.1	02 29.11 +16 58.0 20.6	-0.86	- 3.8	0.7/02.7	62469

2005 WF ₄₀	2009 11 02.1	02 29.12 +02 46.0 21.0	-0.95	- 1.4	3.9/30.4	62460
2002 EZ ₁₈	2009 11 02.1	02 29.13 +09 05.7 20.7	-0.84	- 5.1	1.9/31.6	60760
2002 ET ₈	2009 11 02.1	02 29.14 +04 00.9 20.4	-0.49	- 3.6	1.9/30.0	62343
2006 EG ₆₀	2009 11 02.1	02 29.15 +07 31.6 19.4	-0.75	- 6.4	2.3/31.0	60862
2003 SS ₃₂₅	2009 11 02.1	02 29.16 +13 43.3 20.0	-0.76	- 6.3	0.3/01.8	42656
2000 VG ₇	2009 11 02.1	02 29.17 +14 56.2 19.7	-0.88	- 4.9	0.1/02.2	20738
2006 FR ₄₉	2009 11 02.1	02 29.22 -08 47.9 20.4	-0.78	- 2.1	6.1/26.8	11166
2004 GK ₆₀	2009 11 02.1	02 29.26 +21 34.1 19.7	-1.10	- 2.9	2.5/03.7	11053
2006 EX ₆₉	2009 11 02.1	02 29.30 -03 53.2 20.6	-0.95	+ 1.0	5.2/29.2	62482
2006 EB ₃₉	2009 11 02.1	02 29.31 +45 35.5 20.0	-1.11	- 1.3	8.8/10.6	47400
2004 TF ₅₆	2009 11 02.1	02 29.31 +14 10.0 19.4	-0.86	- 6.8	0.2/02.0	62404
2005 WD ₁₂₂	2009 11 02.1	02 29.31 +07 00.6 18.9	-0.91	- 0.7	3.8/31.4	96535
2003 HE ₁₆	2009 11 02.1	02 29.32 +04 07.8 20.6	-0.95	- 1.6	3.3/30.7	19599
2003 GY ₄₇	2009 11 02.1	02 29.33 +09 08.5 21.8	-0.93	- 3.5	1.7/31.8	22036
2007 MX ₆	2009 11 02.1	02 29.34 -03 28.9 20.9	-0.71	- 5.0	5.0/27.9	26296
2002 AK ₁₀₉	2009 11 02.1	02 29.38 +22 18.5 18.3	-0.94	- 3.4	3.4/04.1	17988
2002 QF ₉₄	2009 11 02.1	02 29.43 +29 58.5 19.4	-0.80	- 6.3	4.1/06.8	47225
2004 PZ ₁₇	2009 11 02.1	02 29.44 +03 33.8 18.7	-0.88	- 2.9	4.2/30.5	18077
2005 NW ₁₃	2009 11 02.1	02 29.44 +11 32.3 20.7	-1.02	- 5.5	1.2/01.4	62422
2001 QN ₂₅₅	2009 11 02.1	02 29.45 +24 13.8 18.7	-1.09	- 1.6	4.2/04.3	62316
2007 EB ₉₁	2009 11 02.1	02 29.45 +09 00.2 20.3	-0.90	- 5.6	2.1/31.7	62512
2006 DA ₉₁	2009 11 02.1	02 29.48 +07 29.6 20.0	-0.71	- 4.1	2.1/31.2	62481
2004 GM ₇₅	2009 11 02.1	02 29.48 +11 01.5 20.2	-0.95	- 6.6	1.3/01.2	62391
2005 SK ₈₃	2009 11 02.1	02 29.50 +17 29.0 19.6	-1.01	- 3.4	1.2/02.9	18125
2003 UM ₁₀₇	2009 11 02.1	02 29.50 +23 30.0 19.1	-0.78	- 8.2	2.8/04.9	66315
2006 AE ₂₉	2009 11 02.1	02 29.50 +32 52.4 20.0	-0.93	- 3.3	5.2/07.1	47373
2004 PW ₄₃	2009 11 02.1	02 29.52 +10 32.3 19.7	-0.86	- 5.6	1.5/01.1	20794
1998 SZ ₅₀	2009 11 02.1	02 29.52 +12 12.2 20.0	-0.76	- 6.8	0.8/01.5	60275
2005 LG ₄₇	2009 11 02.1	02 29.52 +10 09.4 19.1	-0.92	- 4.3	2.2/01.0	47350
2004 CU ₆₁	2009 11 02.1	02 29.52 +16 48.0 18.3	-1.09	- 1.5	1.1/02.6	62384
2005 GJ ₇₃	2009 11 02.1	02 29.55 +06 35.4 21.2	-1.17	- 1.9	3.1/31.5	34823
2001 XZ ₁₄	2009 11 02.2	02 29.45 +05 21.3 18.6	-1.03	- 0.1	3.6/31.2	41774
2006 DK ₈₉	2009 11 02.2	02 29.51 +37 56.7 20.4	-1.10	+ 0.1	7.6/07.7	01390
2005 JW ₁₄₃	2009 11 02.2	02 29.52 +08 55.7 20.2	-1.07	- 4.7	2.4/31.8	41180
2007 DV ₁₁₂	2009 11 02.2	02 29.53 -07 51.0 20.2	-0.88	- 2.3	7.1/27.5	41322
2004 LP ₃₁	2009 11 02.2	02 29.53 +15 16.7 19.9	-0.91	- 6.6	0.2/02.4	62393
2006 BU ₅₁	2009 11 02.2	02 29.56 +28 02.2 19.7	-0.91	- 3.2	4.0/05.7	47378
2000 SZ ₃₁₄	2009 11 02.2	02 29.57 +32 54.2 19.6	-1.02	- 6.8	5.9/07.7	40667
2007 EZ ₈₅	2009 11 02.2	02 29.59 +35 04.6 19.7	-1.35	+ 3.2	7.6/05.9	58565
2004 TG ₂₈₁	2009 11 02.2	02 29.61 +10 42.8 20.6	-0.85	- 3.1	1.3/01.2	62409
2002 EF ₁₀₄	2009 11 02.2	02 29.61 -05 21.0 19.5	-0.81	- 5.6	6.2/27.4	41780
2005 UB ₂₃₆	2009 11 02.2	02 29.61 +07 37.7 19.0	-0.95	- 2.5	3.2/31.6	96227
2004 EM ₇₆	2009 11 02.2	02 29.64 +20 42.2 20.1	-1.15	- 2.4	2.4/03.6	87621
2005 QJ ₁₀₁	2009 11 02.2	02 29.64 +25 27.4 19.5	-1.09	- 4.9	4.2/05.0	59754
2006 WO ₁₆₁	2009 11 02.2	02 29.65 +14 58.7 20.2	-1.08	- 6.6	0.1/02.3	39270
2001 UP ₉₇	2009 11 02.2	02 29.66 +12 41.6 19.3	-1.07	+ 0.2	0.9/01.8	58417
2005 SL ₂₈₁	2009 11 02.2	02 29.67 +11 20.1 19.7	-0.97	- 2.2	1.3/01.5	11135
2005 VS ₉₈	2009 11 02.2	02 29.67 +37 55.2 18.7	-1.08	- 6.4	9.5/09.6	01109
2003 QT ₁₂	2009 11 02.2	02 29.69 -04 32.6 18.9	-0.79	- 2.3	6.9/28.5	62373
2007 DB ₃₃	2009 11 02.2	02 29.69 +28 51.6 21.1	-1.09	- 2.1	4.8/05.6	19702
2004 PU ₃₆	2009 11 02.2	02 29.70 +12 21.2 19.5	-0.86	- 6.4	0.9/01.6	19617

2006 DT ₁₉₅	2009 11 02.2	02 29.71 +29 19.4 20.7	-1.00	- 1.2	4.5/05.7	01442
2005 QL ₄₈	2009 11 02.2	02 29.71 +12 02.0 19.6	-1.04	- 3.2	1.2/01.6	39221
2000 BR ₉	2009 11 02.2	02 29.73 +10 04.8 20.1	-0.94	- 5.1	2.3/01.0	17396
2004 RB ₃₃₅	2009 11 02.2	02 29.74 -06 36.4 19.7	-0.82	- 4.0	7.7/27.5	58840
2000 UM ₉₉	2009 11 02.2	02 29.74 +24 30.0 18.7	-0.87	- 8.4	3.5/05.2	41760
2005 QM ₁₂₁	2009 11 02.2	02 29.76 +17 17.5 21.3	-1.05	- 5.5	1.0/02.9	97799
2006 DZ ₂₁₀	2009 11 02.2	02 29.78 -00 25.7 20.1	-0.70	- 8.0	4.1/28.5	47398
2007 AK ₂₆	2009 11 02.2	02 29.81 +19 55.6 20.5	-0.99	- 5.7	1.7/03.6	41858
1997 GB ₂₁	2009 11 02.2	02 29.83 +09 20.2 19.4	-0.98	- 6.7	2.1/31.8	87335
2005 YR ₂₃₆	2009 11 02.2	02 29.84 +09 58.7 20.7	-0.85	- 4.2	1.6/01.0	41838
2004 JH ₂₄	2009 11 02.2	02 29.87 +10 51.2 20.1	-1.04	- 3.1	1.5/01.4	16271
2001 UL ₂₂₀	2009 11 02.2	02 29.90 +16 11.3 19.5	-0.78	-12.9	0.6/02.8	89040
2007 FR ₃₈	2009 11 02.2	02 29.92 +03 54.2 21.2	-0.89	- 2.6	3.2/30.7	22885
2005 TE ₅₂	2009 11 02.2	02 29.93 +02 32.4 19.4	-0.97	- 2.4	5.0/30.4	33464
2007 EP ₁₀₀	2009 11 02.2	02 29.94 +35 14.8 20.3	-1.09	- 3.1	6.6/07.6	49017
2000 EQ ₁₅	2009 11 02.3	02 29.88 +13 28.7 20.6	-0.97	- 5.1	0.4/02.0	60728
2006 UM ₃₃₈	2009 11 02.3	02 29.90 +18 29.4 19.2	-1.02	- 9.0	1.8/03.4	40434
2002 ET ₁₀₀	2009 11 02.3	02 29.91 +19 59.2 19.8	-0.95	- 2.0	1.6/03.5	41780
2005 SS ₇₉	2009 11 02.3	02 29.92 +16 28.8 20.2	-1.03	- 3.3	0.7/02.7	21830
2003 RG ₂₃	2009 11 02.3	02 29.92 +03 39.8 19.0	-0.75	- 5.6	3.5/30.2	62374
2006 BT ₇₆	2009 11 02.3	02 29.93 -11 18.5 21.1	-0.76	- 2.5	7.3/26.4	40414
2004 RH	2009 11 02.3	02 29.93 +16 42.3 19.1	-0.87	- 5.5	0.7/02.8	95318
2008 RV ₁₂₅	2009 11 02.3	02 29.94 +14 07.5 19.2	-0.54	- 3.7	0.1/02.1	62542
2003 SQ ₂₈₃	2009 11 02.3	02 29.95 +41 41.9 18.5	-1.05	- 1.5	9.8/09.5	62377
2006 DC ₁₄₆	2009 11 02.3	02 29.97 +27 55.4 20.1	-0.93	- 1.7	4.2/05.6	41846
2007 CQ ₆₅	2009 11 02.3	02 29.99 +01 42.4 20.4	-0.93	- 0.9	3.8/30.4	40708
2005 YR ₆₂	2009 11 02.3	02 30.00 +08 31.8 19.6	-0.86	- 3.2	2.0/31.8	62469
2001 YR ₁₂₇	2009 11 02.3	02 30.01 +20 21.3 18.6	-0.91	- 1.9	2.8/03.6	62336
2005 WJ ₄₀	2009 11 02.3	02 30.02 +09 59.5 20.2	-0.93	- 2.9	1.7/01.2	62460
2005 YM ₂₈₂	2009 11 02.3	02 30.02 +10 15.5 20.2	-0.86	- 3.6	1.5/01.2	98072
2007 KD ₄	2009 11 02.3	02 30.04 +09 53.7 20.6	-0.75	- 6.3	1.4/31.9	21242
2005 SW ₂₀₀	2009 11 02.3	02 30.06 +09 32.0 21.4	-0.94	- 6.2	1.9/31.9	40694
2003 SV ₁₆₉	2009 11 02.3	02 30.07 +19 04.7 19.2	-0.85	- 2.6	1.5/03.4	02169
2002 RS ₂₇₁	2009 11 02.3	02 30.09 -02 23.9 21.1	-0.69	- 4.5	4.2/28.5	45994
2008 PL ₄	2009 11 02.3	02 30.12 +25 04.2 20.7	-0.91	- 2.2	3.0/04.9	60578
2002 CS ₂₅	2009 11 02.3	02 30.13 +54 27.2 19.3	-1.83	+ 2.6	19.9/13.3	10855
2000 YB ₁₄₃	2009 11 02.3	02 30.14 +27 02.2 18.8	-0.99	- 2.4	4.8/05.3	60735
2003 OX ₆	2009 11 02.3	02 30.14 +02 18.2 18.1	-0.72	- 7.1	4.9/29.7	62372
2008 RJ ₄₅	2009 11 02.3	02 30.15 +16 04.8 21.0	-0.53	- 2.1	0.2/02.7	62542
2004 TK ₁₅₃	2009 11 02.3	02 30.15 +16 15.8 20.6	-0.88	- 3.8	0.5/02.7	40690
2003 FO ₆₂	2009 11 02.3	02 30.16 +13 26.7 20.4	-0.95	- 3.7	0.4/02.0	19596
1999 XM ₉₁	2009 11 02.3	02 30.16 -22 24.7 19.5	-0.92	+ 1.0	12.2/23.4	60726
2000 GV ₈₁	2009 11 02.3	02 30.17 +29 33.8 19.4	-1.26	- 0.5	5.8/05.4	21756
2005 YH ₁₅₀	2009 11 02.3	02 30.20 +31 13.0 20.7	-0.90	- 3.8	4.4/06.9	43248
2001 QO ₂₅₄	2009 11 02.3	02 30.22 +05 09.0 19.8	-1.01	- 2.9	3.6/31.2	40094
2003 QP ₄₁	2009 11 02.3	02 30.23 -16 57.1 19.2	-0.72	- 6.9	9.6/23.1	62373
2004 DQ ₂₁	2009 11 02.3	02 30.24 +18 16.2 19.5	-1.02	- 6.5	1.3/03.3	60797
2005 QV ₁₀₄	2009 11 02.3	02 30.27 +08 11.2 19.3	-0.88	- 7.5	2.9/31.5	62428
2005 YD ₁₇₉	2009 11 02.3	02 30.29 +09 52.3 20.2	-0.85	- 3.7	1.6/01.1	19681
2005 UR ₅₁₆	2009 11 02.3	02 30.30 +10 12.8 21.1	-1.00	- 4.1	1.7/01.3	39248
2007 AM ₂₈	2009 11 02.3	02 30.30 +14 07.0 21.3	-0.98	- 5.1	0.2/02.2	39825

2002 GP ₁₂₅	2009 11 02.3	02 30.32 +23 18.9 20.5	-0.96	- 2.1	2.6/04.4	58428
2001 PN ₃₅	2009 11 02.4	02 30.25 -11 08.2 19.2	-0.96	-17.9	12.0/23.8	57351
2004 FL ₂₁	2009 11 02.4	02 30.27 +22 15.5 19.2	-1.07	- 4.4	3.5/04.0	19611
2000 QH ₁₉₃	2009 11 02.4	02 30.33 -09 35.7 18.6	-0.81	- 4.3	10.0/26.6	62306
2001 TN ₁₃	2009 11 02.4	02 30.35 +06 42.6 17.6	-0.88	-27.0	3.8/30.2	62321
2002 QO ₇₃	2009 11 02.4	02 30.37 +06 08.8 19.0	-1.02	- 2.7	4.2/31.5	39170
2006 BP ₂₉	2009 11 02.4	02 30.39 +14 03.8 20.5	-0.83	- 3.4	0.2/02.2	58523
2004 JR ₂₉	2009 11 02.4	02 30.42 +15 04.7 20.0	-0.92	- 8.5	0.1/02.5	41148
2005 WM ₁₅₇	2009 11 02.4	02 30.42 +18 46.7 19.1	-0.84	- 5.5	1.8/03.5	01150
2001 XG ₃	2009 11 02.4	02 30.43 +22 16.0 19.0	-1.01	- 5.1	3.0/04.4	62330
2004 TK ₂₇₃	2009 11 02.4	02 30.46 +17 28.2 19.8	-0.87	- 4.0	0.8/03.1	62409
1999 TA ₂₀₆	2009 11 02.4	02 30.48 +18 16.9 18.4	-1.16	+ 0.5	1.8/03.1	62298
2008 RV ₉₉	2009 11 02.4	02 30.53 +12 02.3 20.9	-0.51	- 2.5	0.5/01.7	62542
2005 WF ₁₆₂	2009 11 02.4	02 30.54 +10 13.1 19.8	-0.91	- 3.3	1.6/01.3	62464
2006 AD ₈₂	2009 11 02.4	02 30.54 +04 41.9 20.6	-0.78	- 5.1	2.8/30.6	43252
2006 DJ ₄₆	2009 11 02.4	02 30.55 +10 28.2 20.9	-0.78	- 3.9	1.2/01.3	38086
2001 XZ ₂₅₉	2009 11 02.4	02 30.58 +24 56.9 19.9	-0.91	- 3.6	4.9/05.1	00110
2002 EY ₁₆₁	2009 11 02.4	02 30.59 +02 34.2 20.9	-0.51	- 2.2	2.2/30.1	62345
2001 AF ₃₂	2009 11 02.4	02 30.59 +35 24.0 19.6	-1.01	- 4.7	7.3/08.1	93909
2007 AR ₁₁	2009 11 02.4	02 30.60 +24 07.1 20.9	-1.06	- 5.2	3.5/04.9	18185
2007 CE ₅₄	2009 11 02.4	02 30.61 +12 52.4 20.2	-1.04	- 2.8	0.7/02.0	62504
2006 FR ₂₇	2009 11 02.4	02 30.64 +13 49.8 21.7	-0.75	- 3.3	0.2/02.2	01530
2006 DK ₁₁₁	2009 11 02.4	02 30.65 +18 50.5 20.4	-0.81	- 3.3	1.1/03.5	43262
2001 TT ₅₆	2009 11 02.4	02 30.67 +33 19.7 19.3	-2.08	+10.8	9.4/03.8	58415
2002 CL ₆₀	2009 11 02.4	02 30.70 +11 54.2 18.6	-0.97	- 1.8	1.2/01.8	19568
2005 SC ₇₉	2009 11 02.5	02 30.66 +14 46.1 19.4	-0.96	- 1.7	0.0/02.5	33459
2007 HM ₈₈	2009 11 02.5	02 30.71 +14 07.3 20.3	-0.80	- 4.4	0.2/02.3	47432
2005 WF ₄₇	2009 11 02.5	02 30.74 +17 25.7 20.1	-0.93	- 4.7	0.9/03.2	62461
2007 EK ₆₅	2009 11 02.5	02 30.77 +22 35.5 19.4	-1.21	+ 1.3	3.7/03.9	41866
2002 RV ₁₅₈	2009 11 02.5	02 30.78 +32 00.2 19.9	-0.90	- 1.7	4.9/06.9	97617
2007 DZ ₁₀₈	2009 11 02.5	02 30.83 +14 38.3 20.0	-0.98	- 5.6	0.1/02.5	31522
2005 WB ₈₁	2009 11 02.5	02 30.87 +18 16.6 20.3	-0.91	- 5.0	1.2/03.5	01131
2004 CY ₁₀₇	2009 11 02.5	02 30.88 +34 58.8 20.7	-1.25	- 3.1	7.6/07.6	39194
2001 XU ₉₁	2009 11 02.5	02 30.89 +03 30.7 19.1	-1.10	+ 4.0	5.3/31.7	97521
2005 TH ₁₅₁	2009 11 02.5	02 30.90 +09 54.1 20.5	-0.99	- 4.0	1.9/01.3	19205
2003 WC ₈₂	2009 11 02.5	02 30.91 +26 52.1 19.1	-0.82	- 4.9	3.7/06.0	43194
2005 QE ₁₈₀	2009 11 02.5	02 30.97 +14 56.9 19.3	-0.95	- 6.7	0.0/02.6	40139
2005 UD ₃₉₇	2009 11 02.5	02 31.04 -05 13.8 19.0	-0.93	- 1.7	7.5/28.9	59764
2001 YU ₆₇	2009 11 02.5	02 31.04 -04 03.8 19.2	-0.98	- 1.0	7.0/29.2	62335
2005 NE ₁₂₅	2009 11 02.5	02 31.05 +23 45.2 20.1	-1.03	- 4.4	3.9/04.9	41185
2001 YE ₁₂₇	2009 11 02.5	02 31.06 +16 21.7 19.1	-0.99	- 2.6	0.6/02.9	20757
2006 AO ₉₂	2009 11 02.5	02 31.07 +29 40.4 19.9	-0.93	- 3.9	4.7/06.6	62475
2000 VK ₄₀	2009 11 02.5	02 31.10 +16 57.3 19.6	-0.88	- 5.9	0.8/03.2	93883
2005 UZ ₁₂₇	2009 11 02.6	02 31.10 +17 02.8 20.4	-0.90	- 8.5	0.7/03.2	21350
2004 EA ₁₉	2009 11 02.6	02 31.12 +14 30.1 19.8	-1.06	- 3.7	0.1/02.5	57400
2007 EQ ₂₁₃	2009 11 02.6	02 31.12 +11 20.0 20.3	-0.89	- 5.2	1.3/01.7	62516
2003 HX ₁₉	2009 11 02.6	02 31.13 +20 07.0 19.8	-0.99	- 2.4	1.7/03.9	18052
2004 TD ₆₀	2009 11 02.6	02 31.15 +14 59.3 19.3	-0.86	- 4.7	0.0/02.7	59742
2004 HV ₂₃	2009 11 02.6	02 31.18 +16 21.5 21.4	-0.95	- 7.4	0.5/03.0	41146
2001 AR ₄₁	2009 11 02.6	02 31.19 -07 54.0 20.3	-0.78	- 3.4	6.1/27.4	21302
2001 UX ₁₆₁	2009 11 02.6	02 31.19 +15 21.6 18.6	-0.86	-10.3	0.2/02.8	97497

2006 DV ₃₅	2009 11 02.6	02 31.27 +14 09.8 19.5	-0.81	- 4.1	0.2/02.5	41845
2006 GQ ₄₉	2009 11 02.6	02 31.27 +12 30.8 19.6	-0.85	- 1.7	0.7/02.1	22815
2005 OE ₂	2009 11 02.6	02 31.27 +06 23.2 18.3	-0.97	+ 0.8	4.5/01.0	38881
2005 XZ ₃₇	2009 11 02.6	02 31.28 +11 01.4 19.5	-0.90	- 3.2	1.4/01.7	19675
2003 SK ₂₇	2009 11 02.6	02 31.29 -03 22.3 19.0	-0.72	- 6.8	5.8/28.1	62375
1995 SF ₇₃	2009 11 02.6	02 31.30 +10 45.4 20.9	-0.83	- 6.2	1.5/01.5	62292
2002 UD ₄	2009 11 02.6	02 31.30 +55 46.4 18.7	-1.42	-10.7	16.3/20.9	12829
2001 TN ₁₁₅	2009 11 02.6	02 31.32 +21 35.3 17.9	-1.09	+ 3.8	3.5/03.8	62322
1998 YH ₅	2009 11 02.6	02 31.33 -29 52.9 18.7	-0.70	- 3.1	16.4/16.7	62296
2004 HE ₃₅	2009 11 02.6	02 31.34 -12 46.1 20.3	-1.09	+ 2.8	10.2/29.2	59724
2001 XJ ₂₅₀	2009 11 02.6	02 31.35 +27 53.9 18.2	-0.88	- 9.7	5.5/06.8	97533
2007 GW ₃₃	2009 11 02.6	02 31.37 +12 07.1 20.3	-0.96	- 1.5	0.9/02.1	20866
2007 DU ₁₀₅	2009 11 02.6	02 31.38 +16 39.1 20.5	-0.91	- 3.4	0.5/03.1	22879
2002 GV ₁₆₅	2009 11 02.6	02 31.38 +10 30.9 21.2	-0.83	- 3.9	1.2/01.5	20765
2008 EH ₁₄₇	2009 11 02.6	02 31.39 +14 10.2 19.7	-1.07	- 7.2	0.3/02.5	40744
2002 SJ ₂₆	2009 11 02.6	02 31.39 +17 12.4 18.0	-1.18	+ 2.9	1.2/03.1	10912
2003 EL ₁₆	2009 11 02.6	02 31.40 +59 44.3 20.7	-3.06	+ 8.8	19.5/09.3	37987
2003 UK ₉₀	2009 11 02.6	02 31.43 +14 03.3 20.9	-0.80	- 3.4	0.2/02.5	02181
2005 TL ₁₀₆	2009 11 02.6	02 31.44 +11 22.6 19.8	-0.90	- 7.6	1.5/01.7	62440
2004 TJ ₉₄	2009 11 02.6	02 31.45 +16 48.3 20.4	-0.89	- 3.5	0.6/03.2	20806
2004 FA ₅₃	2009 11 02.7	02 31.43 +16 37.8 18.9	-1.13	- 2.2	0.7/03.1	60801
2003 WT ₁₅₆	2009 11 02.7	02 31.43 +04 58.7 19.7	-0.85	- 0.3	3.1/31.5	58465
2008 JA ₆	2009 11 02.7	02 31.47 +13 28.1 20.2	-1.09	- 5.7	0.6/02.4	41666
2003 KC ₁₀	2009 11 02.7	02 31.48 -14 39.9 19.5	-1.66	+ 9.5	15.3/30.4	39186
2001 TU ₆₃	2009 11 02.7	02 31.48 +15 17.2 18.4	-0.86	- 7.5	0.2/02.8	97480
2000 WC ₁₀	2009 11 02.7	02 31.48 +19 17.6 19.2	-0.89	- 4.5	1.8/03.9	19531
2007 HR ₈₁	2009 11 02.7	02 31.50 +15 22.1 20.5	-0.87	- 2.7	0.1/02.8	20661
2005 VK ₂₃	2009 11 02.7	02 31.52 +17 06.9 20.5	-0.99	- 3.5	0.8/03.3	20438
2005 XS ₃₉	2009 11 02.7	02 31.53 +33 13.4 20.1	-1.04	- 5.2	5.4/07.5	02262
2008 TN ₁₁₈	2009 11 02.7	02 31.55 +23 29.8 20.6	-0.56	- 2.1	1.6/05.1	50438
2008 SM ₂₃₂	2009 11 02.7	02 31.62 +22 58.5 19.8	-0.56	- 2.5	1.5/05.0	48632
2005 UG ₃₀₂	2009 11 02.7	02 31.68 -08 14.6 19.0	-1.23	+ 5.1	8.4/30.7	40151
2002 PO ₂₉	2009 11 02.7	02 31.70 +19 20.5 18.7	-1.04	- 6.5	2.1/04.0	62350
2008 RD ₁₈	2009 11 02.7	02 31.72 +13 36.0 20.0	-0.52	- 3.6	0.3/02.4	50163
2005 QQ ₃₈	2009 11 02.7	02 31.73 +05 34.2 19.1	-0.92	- 4.5	4.3/31.4	40137
2003 SP ₁₈₄	2009 11 02.7	02 31.73 +26 36.7 19.5	-0.99	0.0	3.6/05.3	02169
2006 DS ₃₀	2009 11 02.7	02 31.80 +27 52.2 21.0	-0.90	- 2.1	3.8/06.0	56041
2004 TG ₂₀₀	2009 11 02.7	02 31.80 +11 15.9 20.8	-0.84	- 4.4	1.2/01.8	20808
2007 EM ₁₀₈	2009 11 02.7	02 31.81 +14 54.4 19.4	-0.95	- 2.0	0.0/02.8	59791
2000 YS ₈₀	2009 11 02.7	02 31.82 -02 10.3 17.9	-0.87	+ 1.7	8.2/30.2	60735
2005 VX ₆₁	2009 11 02.7	02 31.83 +15 22.3 20.8	-1.00	- 6.8	0.2/02.9	41222
2008 ED ₄₃	2009 11 02.7	02 31.86 +09 49.4 21.2	-1.01	- 4.9	1.9/01.5	59131
2005 VD ₄₉	2009 11 02.7	02 31.89 +14 39.6 19.6	-0.87	- 5.7	0.1/02.7	62457
2002 PW ₉₉	2009 11 02.7	02 31.91 +16 08.4 18.4	-1.18	- 1.3	0.5/03.0	62350
1992 DW ₉	2009 11 02.8	02 31.82 +16 25.1 20.2	-0.99	- 5.5	0.5/03.2	62291
2008 RR ₈₅	2009 11 02.8	02 31.82 +34 31.0 20.4	-0.65	- 1.2	3.5/08.2	46684
2002 CP ₆₉	2009 11 02.8	02 31.83 +34 26.1 20.5	-1.01	- 3.5	5.6/08.0	43146
2003 SB ₂₆₅	2009 11 02.8	02 31.84 +04 43.3 20.2	-0.74	- 5.0	2.9/31.0	43182
2003 FV ₇₀	2009 11 02.8	02 31.85 -00 24.8 20.4	-0.84	- 6.7	5.2/29.4	20304
2004 RH ₁₀₄	2009 11 02.8	02 31.86 +16 00.7 19.7	-0.87	- 6.4	0.3/03.1	62398
2001 XO ₅₀	2009 11 02.8	02 31.89 -01 38.9 19.2	-1.07	+ 1.9	6.6/30.7	17975

2005 UH ₃₂₈	2009 11 02.8	02 31.89 +14 49.0 20.0	-1.02	- 3.9	0.0/02.8	19665
2002 QU ₃₆	2009 11 02.8	02 31.92 +23 51.9 19.6	-1.16	- 2.3	4.1/04.9	65352
2004 GU ₂₁	2009 11 02.8	02 31.94 +19 09.9 19.8	-1.02	- 7.5	1.5/04.0	12343
2004 EJ ₇	2009 11 02.8	02 31.97 +21 21.0 19.5	-1.13	- 2.5	2.5/04.3	60798
2006 BJ ₂₇	2009 11 02.8	02 32.00 -24 38.6 20.1	-0.76	- 3.7	10.5/20.8	41840
2006 EA ₆₂	2009 11 02.8	02 32.01 +28 34.0 20.4	-0.87	- 2.8	3.9/06.4	48999
2007 CY ₃₆	2009 11 02.8	02 32.02 +16 07.2 21.2	-1.02	- 4.7	0.4/03.1	56088
2000 CH ₇₉	2009 11 02.8	02 32.02 +13 33.7 21.3	-1.00	- 4.9	0.5/02.5	40086
2001 CC ₂₅	2009 11 02.8	02 32.05 +29 15.7 19.6	-0.97	- 2.3	4.5/06.4	58406
2007 GV ₆	2009 11 02.8	02 32.05 +16 34.8 20.2	-0.92	- 3.8	0.6/03.3	20594
2007 AK ₂₈	2009 11 02.8	02 32.06 +19 29.4 21.5	-1.01	- 4.6	1.5/04.0	40173
2007 FC ₂₅	2009 11 02.8	02 32.10 +06 56.8 21.6	-0.90	- 6.6	2.8/31.7	58087
2000 GO ₄	2009 11 02.8	02 32.10 +17 53.1 18.3	-1.09	+ 2.0	0.9/03.4	62304
2008 LU ₁₁	2009 11 02.8	02 32.14 +06 43.1 19.8	-0.85	- 6.0	3.0/31.6	62541
2001 TQ ₁₁	2009 11 02.8	02 32.20 +11 43.9 19.1	-0.87	- 8.1	1.4/01.9	62321
2004 TS ₁₂₉	2009 11 02.8	02 32.28 +18 28.4 19.6	-0.93	- 3.0	1.3/03.8	20807
2003 JC	2009 11 02.8	02 32.31 +08 21.7 19.6	-1.71	+ 7.5	3.2/02.2	37325
2005 XD ₂₁	2009 11 02.9	02 32.20 +14 33.8 20.4	-0.95	- 4.2	0.1/02.8	18164
2001 XX ₁₈₇	2009 11 02.9	02 32.22 -06 32.4 20.3	-0.92	- 2.1	7.8/28.5	59074
2001 XN ₁₄₅	2009 11 02.9	02 32.24 +26 56.1 19.4	-0.95	- 7.6	4.3/06.4	12231
2008 ER ₄₁	2009 11 02.9	02 32.26 +14 12.3 19.9	-1.08	- 3.9	0.3/02.7	40200
2002 CU ₁₀₂	2009 11 02.9	02 32.27 +15 24.4 19.3	-0.99	- 3.8	0.2/03.0	17994
2005 EO ₇₉	2009 11 02.9	02 32.31 +11 42.3 20.6	-0.66	- 1.8	0.7/02.1	77828
2004 CK ₉₇	2009 11 02.9	02 32.31 +22 33.4 19.6	-1.14	- 3.1	2.9/04.7	12867
2002 EQ ₁₂₀	2009 11 02.9	02 32.35 +09 49.6 20.8	-0.84	- 5.4	1.7/01.5	41781
2003 SG ₁₀₄	2009 11 02.9	02 32.36 +19 32.2 19.4	-0.86	- 2.2	1.4/04.0	58454
2001 UE ₂₁₉	2009 11 02.9	02 32.40 +18 12.6 19.2	-0.93	- 5.0	1.4/03.8	17967
2004 EH	2009 11 02.9	02 32.40 -20 06.5 22.1	-0.92	- 4.4	10.0/25.0	34790
2008 LZ ₁₀	2009 11 02.9	02 32.42 +01 52.8 21.0	-1.01	- 1.9	4.5/31.1	58608
2004 XV ₈₅	2009 11 02.9	02 32.42 -09 20.3 19.6	-0.86	- 0.7	7.5/27.9	18110
2002 CH ₁₉₁	2009 11 02.9	02 32.43 +20 21.5 21.5	-0.98	- 4.0	1.9/04.0	03296
2005 YW ₆₃	2009 11 02.9	02 32.43 +10 58.6 18.8	-0.89	- 2.8	1.8/02.0	40411
2008 RR ₁₂₆	2009 11 02.9	02 32.44 +06 17.3 21.2	-0.49	- 2.6	1.5/31.5	58924
2005 YO ₁₆₇	2009 11 02.9	02 32.45 -02 44.9 21.3	-0.75	- 3.1	4.5/29.3	42790
2001 OJ ₃₄	2009 11 02.9	02 32.46 +28 47.0 20.4	-1.23	- 2.5	5.7/06.3	84706
2007 LQ ₂₄	2009 11 02.9	02 32.51 +08 43.4 20.4	-0.80	- 2.9	1.7/01.4	62521
2006 BR ₅₅	2009 11 02.9	02 32.53 +11 17.4 20.3	-0.82	- 2.2	1.0/02.1	62477
2005 LX ₇	2009 11 02.9	02 32.55 -23 15.1 20.1	-1.13	+ 1.3	13.8/26.4	39214
2003 SN ₁₁	2009 11 02.9	02 32.55 +14 11.2 19.9	-0.83	- 4.7	0.2/02.8	62375
2008 JY ₂	2009 11 02.9	02 32.55 -04 15.7 20.3	-1.20	+ 2.3	6.7/30.7	41925
2006 DK ₂₀₁	2009 11 02.9	02 32.59 +10 26.1 19.3	-0.92	+ 0.2	1.3/02.0	62482
2000 SG ₂₄	2009 11 02.9	02 32.61 +26 03.9 17.6	-1.90	+13.2	4.9/03.6	62307
2008 QS ₄₀	2009 11 02.9	02 32.62 +20 25.8 20.5	-0.55	- 2.4	1.0/04.5	46636
2006 DW ₁₃₁	2009 11 02.9	02 32.62 +13 48.6 21.4	-0.81	- 2.9	0.3/02.7	40415
2006 BB ₁₃₅	2009 11 02.9	02 32.64 +01 05.5 20.4	-0.78	- 3.2	4.1/30.5	41240
2004 PL ₅₅	2009 11 02.9	02 32.67 +06 29.1 18.9	-0.91	- 2.7	3.2/32.0	59728
2005 UD ₃₆₉	2009 11 02.9	02 32.67 +08 06.7 21.2	-0.95	- 2.8	2.4/01.4	17625
2001 QN ₁₈₉	2009 11 02.9	02 32.69 +37 27.6 19.7	-1.07	- 9.8	9.3/10.7	10780
2008 NM ₃	2009 11 03.0	02 32.60 +01 55.4 21.8	-0.89	- 4.3	4.2/30.7	53679
2002 PS ₅₉	2009 11 03.0	02 32.60 +03 25.7 19.0	-1.03	- 5.7	4.9/31.2	62350
2005 ME ₃₁	2009 11 03.0	02 32.62 +04 30.3 19.8	-1.01	- 6.4	4.2/31.3	62421

2006 DQ ₄₁	2009 11 03.0	02 32.62 +18 43.3 20.2	-0.86	- 2.9	1.1/03.9	62481
2001 XY ₃₇	2009 11 03.0	02 32.66 +20 41.6 18.7	-1.09	- 1.0	2.1/04.2	62331
2007 EH ₁₃₅	2009 11 03.0	02 32.68 +13 41.1 19.9	-0.89	- 4.8	0.5/02.7	26261
2005 UH ₃₇₃	2009 11 03.0	02 32.69 +18 03.2 19.9	-0.92	- 5.9	1.3/03.8	96292
2005 PJ ₂₀	2009 11 03.0	02 32.70 +08 04.4 19.5	-0.94	- 5.3	3.2/01.3	62425
2005 UM ₄₉₁	2009 11 03.0	02 32.70 +09 46.9 18.7	-1.19	+ 2.4	2.4/02.2	11146
2005 SW ₂₂	2009 11 03.0	02 32.72 +16 30.0 18.9	-1.04	0.0	0.7/03.3	61931
2007 EX ₂₁₈	2009 11 03.0	02 32.72 +16 50.2 20.2	-0.87	- 4.1	0.6/03.5	62516
2006 CK ₄	2009 11 03.0	02 32.74 -07 37.4 20.7	-0.84	- 5.7	7.8/27.2	02284
2002 CJ ₁₁₆	2009 11 03.0	02 32.74 +20 47.7 20.0	-0.93	- 3.6	2.1/04.5	17995
2002 RS ₁₈₄	2009 11 03.0	02 32.76 +23 58.3 19.1	-0.77	- 5.4	2.7/05.6	43162
2006 BG ₇₂	2009 11 03.0	02 32.78 +16 11.1 20.0	-0.88	- 2.8	0.4/03.3	20837
2007 TS ₃₅₂	2009 11 03.0	02 32.79 +32 57.0 19.9	-0.64	- 1.1	3.2/07.9	46575
2002 RX ₈₈	2009 11 03.0	02 32.79 +07 25.6 19.1	-0.99	- 6.4	3.4/01.0	62354
2008 MG ₄	2009 11 03.0	02 32.79 +28 30.5 19.4	-0.90	- 4.2	4.4/06.7	41701
2008 PZ ₁₉	2009 11 03.0	02 32.80 +09 59.6 21.2	-0.66	- 3.3	1.2/01.7	62541
2004 HV ₁₄	2009 11 03.0	02 32.85 +18 21.5 20.4	-1.09	- 3.5	1.3/03.8	62391
2006 AW ₂₂	2009 11 03.0	02 32.90 +10 44.4 20.0	-0.85	- 3.5	1.4/02.0	20834
2006 BP ₁₀	2009 11 03.0	02 32.94 +11 37.0 20.5	-0.85	- 3.8	1.1/02.2	26124
2003 SG ₉₇	2009 11 03.0	02 32.94 +26 59.1 19.0	-0.84	- 4.7	3.8/06.4	41794
2002 RW ₂₉	2009 11 03.0	02 32.97 +21 42.7 19.0	-0.81	- 7.4	3.6/05.1	50636
2003 QL ₄	2009 11 03.0	02 32.97 +06 07.6 19.7	-0.82	- 4.4	3.0/31.8	62373
2007 EJ ₁₂₁	2009 11 03.0	02 32.98 -05 52.6 20.7	-0.89	- 3.9	6.8/28.6	56089
2003 SS ₂₂	2009 11 03.0	02 32.99 +20 51.5 20.0	-0.84	- 2.7	1.7/04.5	59705
2003 FT ₇₉	2009 11 03.0	02 33.00 +24 24.7 20.4	-1.05	- 1.1	2.8/05.2	43170
2001 FR ₁₃₆	2009 11 03.0	02 33.02 +01 14.0 20.7	-0.79	- 2.5	3.5/30.6	62313
2004 PD ₃₇	2009 11 03.0	02 33.04 +37 57.8 19.9	-1.13	- 2.9	7.7/09.1	47297
2006 AG ₂₉	2009 11 03.0	02 33.06 -03 01.0 19.0	-0.83	- 2.9	7.2/29.5	19684
2007 GG ₄	2009 11 03.0	02 33.06 +14 15.3 20.4	-0.95	- 1.7	0.2/02.9	20862
2002 TD ₁₃₄	2009 11 03.0	02 33.07 +22 44.5 19.1	-1.07	- 6.7	3.1/05.2	58440
2001 VK ₆₀	2009 11 03.1	02 32.99 +22 00.0 18.5	-0.92	- 8.6	2.5/05.2	17970
2004 ET ₄₇	2009 11 03.1	02 32.99 -00 10.8 21.6	-0.91	- 6.8	5.1/29.9	60363
2005 YO ₁₆	2009 11 03.1	02 33.05 +11 44.5 21.3	-0.77	- 3.8	0.8/02.3	47365
2007 QC ₅	2009 11 03.1	02 33.08 +10 11.1 20.1	-0.55	- 2.3	1.0/01.8	62521
2003 HY ₅₄	2009 11 03.1	02 33.08 +06 58.5 20.3	-0.85	- 5.1	2.6/32.0	62372
2007 PL ₄₅	2009 11 03.1	02 33.09 +02 16.0 19.3	-0.56	- 0.8	2.4/30.9	33161
2000 JC ₁₀	2009 11 03.1	02 33.09 -14 15.2 20.4	-1.10	+ 0.7	9.8/27.7	59655
2002 PH ₁₈₆	2009 11 03.1	02 33.11 +19 57.9 19.0	-1.15	- 1.8	2.3/04.2	58808
2008 HM ₁₈	2009 11 03.1	02 33.14 +00 12.8 19.5	-0.90	- 4.4	5.8/30.4	40216
2001 YX ₄₀	2009 11 03.1	02 33.15 +20 39.9 19.0	-0.95	- 5.0	2.4/04.6	17983
2002 AY ₂₂	2009 11 03.1	02 33.15 -05 31.5 19.8	-0.85	- 3.3	6.3/28.8	59675
2008 FM ₁₂₄	2009 11 03.1	02 33.16 +15 43.5 20.3	-1.03	- 5.2	0.3/03.3	40753
2007 CT	2009 11 03.1	02 33.17 +10 10.8 20.9	-0.96	- 4.8	1.7/01.9	22872
2008 RW ₅₈	2009 11 03.1	02 33.20 +11 03.0 19.9	-0.54	- 2.8	0.8/02.0	62542
2000 AW ₂₀₇	2009 11 03.1	02 33.20 +02 49.6 19.7	-0.87	- 1.2	4.1/31.4	21296
2008 HM ₄₆	2009 11 03.1	02 33.20 +08 29.4 20.6	-0.99	- 1.7	2.3/01.7	40022
2002 TU ₃₃	2009 11 03.1	02 33.26 +18 08.7 19.2	-1.12	- 3.4	1.3/03.9	62357
2001 AK ₃₂	2009 11 03.1	02 33.29 +25 33.4 18.6	-0.94	- 3.7	3.9/05.8	02025
2005 YE ₇₀	2009 11 03.1	02 33.29 +20 40.2 19.8	-0.93	- 3.6	2.2/04.6	96737
2007 BQ ₃₇	2009 11 03.1	02 33.30 +17 26.5 19.2	-0.95	- 5.1	1.2/03.8	62500
2007 EW ₂₁₈	2009 11 03.1	02 33.30 +20 43.5 20.6	-0.94	- 0.1	1.6/04.4	40179

2004 QS ₂₁	2009 11 03.1	02 33.31 +25 47.9 19.8	-0.96	- 5.2	3.7/06.1	97726
2004 FO ₁₀₇	2009 11 03.1	02 33.34 +17 41.2 18.7	-1.05	- 5.1	1.1/03.8	59723
2007 CF ₆₄	2009 11 03.1	02 33.35 -00 38.2 20.4	-0.82	- 5.2	4.7/29.9	62504
2006 EM ₁₆	2009 11 03.1	02 33.36 +20 50.9 20.1	-0.92	- 2.0	1.9/04.5	03878
2004 TM ₄₀	2009 11 03.1	02 33.36 +10 55.2 20.7	-0.82	- 5.7	1.2/02.1	62404
2005 WK ₁₈₀	2009 11 03.1	02 33.37 +07 24.5 18.6	-0.92	- 3.2	3.1/01.3	62464
2002 AL ₇₆	2009 11 03.1	02 33.39 +15 37.7 19.6	-0.96	- 3.2	0.2/03.3	17987
2002 VL ₃₆	2009 11 03.1	02 33.39 -17 20.9 19.0	-1.29	+ 4.8	13.9/27.8	19585
2000 QD ₂₂₁	2009 11 03.1	02 33.40 +13 19.5 18.0	-0.93	- 3.2	0.8/02.8	58402
2003 FW ₈₈	2009 11 03.1	02 33.42 +02 13.4 19.8	-0.83	- 6.7	4.2/30.6	40114
2006 ET ₈	2009 11 03.1	02 33.43 +15 00.3 19.3	-0.83	- 3.3	0.0/03.2	21358
2005 PB ₃	2009 11 03.1	02 33.44 +09 53.3 19.9	-1.02	- 5.1	2.1/01.9	40136
2000 CK ₁₁₄	2009 11 03.1	02 33.45 +27 06.3 20.6	-0.84	- 3.6	3.2/06.4	43103
2005 PR ₁₁	2009 11 03.1	02 33.45 +08 22.3 18.7	-0.94	- 4.0	3.1/01.6	62425
2008 MJ ₃	2009 11 03.1	02 33.46 +28 19.9 20.8	-0.89	- 4.3	3.9/06.8	42980
2005 UR ₂₆₇	2009 11 03.1	02 33.46 +11 30.4 20.8	-0.94	- 4.8	1.3/02.3	58517
2002 VX ₁₀	2009 11 03.1	02 33.48 +20 19.7 18.9	-1.05	- 7.6	2.3/04.7	39177
2006 DB ₁₆₀	2009 11 03.2	02 33.38 +01 31.6 19.7	-0.74	- 5.0	4.0/30.4	47396
2005 QN ₁₅	2009 11 03.2	02 33.39 +13 52.2 19.4	-0.88	- 6.0	0.6/02.9	62426
2008 EM ₃₃	2009 11 03.2	02 33.39 +15 15.6 19.3	-1.09	- 4.6	11.4/24.0	37782
2007 EJ ₅₇	2009 11 03.2	02 33.43 +10 04.3 19.5	-0.94	- 5.3	2.3/01.9	62511
2006 AM ₃₄	2009 11 03.2	02 33.47 +05 02.0 19.1	-1.05	+ 1.9	4.0/01.4	20834
2006 BW ₄₂	2009 11 03.2	02 33.52 -01 39.7 20.0	-0.79	- 2.5	4.9/30.1	41840
2007 EM ₁₂	2009 11 03.2	02 33.52 +24 39.6 20.4	-1.04	- 4.7	3.6/05.7	37613
2001 PZ ₄₂	2009 11 03.2	02 33.53 +56 40.9 19.7	-1.70	- 2.4	20.8/18.3	28723
2004 TL ₇₂	2009 11 03.2	02 33.55 +13 07.6 19.5	-0.87	- 3.7	0.7/02.8	62405
2003 UN ₂	2009 11 03.2	02 33.60 -06 04.0 21.7	-0.78	- 1.3	5.3/29.1	22454
2007 EN ₂₀₁	2009 11 03.2	02 33.60 -22 07.6 20.8	-0.77	- 1.9	8.9/23.8	41332
2008 RZ ₁₂₂	2009 11 03.2	02 33.64 +19 59.6 20.8	-0.52	- 2.6	0.8/04.6	58158
2004 JR ₁₁	2009 11 03.2	02 33.65 -05 54.1 19.2	-0.88	- 5.4	8.4/28.8	62392
2005 WP ₁₇₅	2009 11 03.2	02 33.67 +07 32.3 19.6	-0.95	- 2.1	3.1/01.5	19673
2008 CZ ₆₁	2009 11 03.2	02 33.69 +23 59.9 19.8	-1.18	- 4.0	3.5/05.4	47445
1999 VU ₁₃₂	2009 11 03.2	02 33.71 +29 54.3 20.0	-1.04	- 1.5	4.7/06.7	41753
2008 QQ ₂₅	2009 11 03.2	02 33.72 +27 11.5 21.7	-0.85	- 3.0	3.1/06.4	47456
2004 RB ₃₀₂	2009 11 03.2	02 33.73 +17 11.6 20.4	-0.94	- 2.8	0.7/03.8	26004
2001 XD ₂₆₇	2009 11 03.2	02 33.78 +12 50.3 19.0	-1.17	+ 2.8	1.0/02.9	20756
2003 SB ₉₂	2009 11 03.2	02 33.79 +11 42.4 20.1	-0.79	- 4.9	1.0/02.4	62376
2005 YR ₈₀	2009 11 03.2	02 33.79 +21 59.4 20.2	-0.91	- 5.1	2.6/05.1	96743
2005 SH ₅₇	2009 11 03.2	02 33.82 +13 37.7 19.7	-0.91	- 4.9	0.7/02.9	62432
2008 GA ₁₀₀	2009 11 03.2	02 33.85 +12 45.6 21.0	-1.00	- 5.4	0.9/02.7	41622
2003 AR ₄₄	2009 11 03.2	02 33.85 +16 25.0 19.0	-1.08	- 1.8	0.6/03.6	62366
2001 MO ₁₀	2009 11 03.3	02 33.79 +24 37.5 19.5	-1.06	- 4.8	4.0/05.8	47167
2007 ET ₁₃₁	2009 11 03.3	02 33.80 +20 19.3 20.0	-0.96	- 2.9	1.8/04.6	19719
2007 CE ₄₇	2009 11 03.3	02 33.81 +01 00.0 19.6	-0.85	- 7.0	5.2/30.3	21876
2002 AJ ₂₁	2009 11 03.3	02 33.83 -44 13.7 19.6	-1.10	+ 4.3	22.9/15.0	94472
2006 CO ₂₃	2009 11 03.3	02 33.85 +34 17.6 20.9	-1.02	- 3.9	6.8/08.4	41844
2007 JB	2009 11 03.3	02 33.85 +48 01.1 20.3	-1.18	- 6.5	8.7/13.9	21879
2008 HP ₄₇	2009 11 03.3	02 33.91 +05 44.5 21.0	-0.86	- 7.1	3.0/31.7	40218
2005 ST ₅	2009 11 03.3	02 33.92 +24 43.8 19.5	-1.10	- 1.6	4.4/05.5	22794
2001 SN ₈₂	2009 11 03.3	02 33.92 +06 59.6 19.5	-0.91	- 7.4	3.0/01.1	62318
2005 QH ₁₂₄	2009 11 03.3	02 33.94 +24 29.3 20.2	-1.12	- 3.0	3.8/05.5	22793