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NEW OBSERVATORY CODES

The following listing is a continuation to that on MPC 52107. The longitudes λ are measured in degrees eastward from Greenwich, and the parallax constants $\rho \cos \phi'$ and $\rho \sin \phi'$ are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

Obs.	λ	$\rho \cos \phi'$	$\rho \sin \phi'$	
D89	140.3383	0.7871	+0.6149	Yamagata
H04	254.0260	0.81388	+0.57964	Santa Fe

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

048 Hradec Králové. Observer M. Lehký. 0.40-m $f/5$ reflector + CCD.
097 Wise Observatory, Mitzpeh Ramon. Observer D. Polishook. 1.0-m $f/7$ reflector + CCD,
104 San Marcello Pistoiese. Observers L. Tesi, A. Boattini, M. Tombelli, G. Fagioli. Measurers G. Forti, L. Tesi, A. Boattini, M. Tombelli. 0.60-m $f/4$ reflector + CCD.
108 Montelupo. Observers M. Tombelli, A. Boattini, L. Tesi, E. Masotti. Measurers M. Tombelli, A. Boattini, L. Tesi, S. Bartolini, G. Forti, E. Masotti. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD.
118 Modra. Observers Š. Gajdoš, A. Galád, J. Világi. 0.6-m $f/5.5$ reflector + CCD.
127 Bornheim. Observer N. Ehring. 0.30-m $f/3.2$ astrograph + CCD.
130 Lumezzane. Observers C. Cremaschini, S. Foglia, G. Galli, W. Marinello, M. Micheli, G. Peretto, G. Pizzetti, S. Valentini. 0.40-m $f/4.5$ reflector + CCD.
138 Village-Neuf. Observers C. Demeautis, D. Matter. Instrumentation not specified.
170 Observatorio de Begues. Observer J. Manteca. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.
204 Schiaparelli Observatory. Observer L. Buzzi. 0.60-m $f/4.64$ Newtonian + CCD.

213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/6.6$ Schmidt-Cassegrain + CCD.
235 CAST Observatory, Talmassons. Observers R. Ligustri, R. Turchetti, L. Furlanetto, G. Degano. 0.35-m $f/5$ reflector + CCD.
246 Kleť Observatory-KLENOT. Observer M. Tichý. 1.06-m KLENOT Telescope + CCD.
249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measurements by K. Battams and K. McGleam, reductions by R. Kisala and B. G. Marsden.
322 Perth Observatory, Bickley-MCT. Observer J. Biggs. 0.25-m $f/4.5$ Newtonian + CCD.
347 Utsunomiya-Imaizumi. Observer M. Suzuki. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
355 Hadano. Observer A. Asami. 0.28-m $f/5.0$ reflector + CCD.
360 Kuma Kogen. Observer A. Nakamura. 0.60-m $f/5.8$ Ritchey-Chrétien + CCD.
370 Kochi. Observer T. Seki. 0.18-m $f/5$ reflector.
379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
415 Kambah, near Canberra. Observer D. Herald. 0.36-m $f/3.9$ Schmidt-Cassegrain + CCD.
442 Gualba Observatory. Observer A. Sanchez. 0.36-m $f/4$ Schmidt-Cassegrain + CCD.
448 Desert Moon Observatory. Observer B. L. Stevens. 0.3-m Schmidt-Cassegrain + CCD.
461 Szeged University, Piskésető Stn. (Konkoly). Observer K. Sárneczky. 0.60-m Schmidt + CCD.
467 Auckland Observatory. Observers G. W. Christie, T. Natusch. 0.35-m $f/11$ Schmidt-Cassegrain + CCD.
557 Ondřejov. Observer P. Kušnirák. 0.65-m $f/3.6$ reflector + CCD.
561 Piskésető. Observer J. Kelemen. 0.60-m $f/3$ Schmidt + CCD.
568 Mauna Kea. Observers J. Pittichova, J. Bedient. University of Hawaii 2.2-m reflector + CCD.
619 Sabadell. Observers R. Josa, L. Xifra. 0.50-m $f/4$ reflector + CCD.

- 620 Observatorio Astronómico de Mallorca. Observers S. Sanchez, R. Stoss, J. Nomen. 0.30-m $f/9$ Schmidt-Cassegrain + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bambery, M. Hicks, K. Lawrence, E. Helin, R. Thicksten. 1.2-m Schmidt + CCD.
- 651 Grasslands Observatory, Tucson. Observer J. E. McGaha. 0.62-m $f/5.1$ Newtonian + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observers J. Young, D. Mayes, M. Vale. 0.6-m reflector + CCD.
- 688 Lowell Observatory, Anderson Mesa Station. Observers J. Beningo, M. Curtis, H. Hoehn, J. Smolinski. Instrumentation not specified.
- 691 Steward Observatory, Kitt Peak. Observer M. Block. 0.9-m $f/3$ reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers M. E. Van Ness, B. A. Skiff. Measurers M. E. Van Ness, B. A. Skiff, B. W. Koehn. 0.59-m LONEOS Schmidt + CCD.
- 703 Catalina Sky Survey. Observers S. Larson, E. Beshore, E. Christensen, R. Hill, S. Howard, D. McLean. 0.68-m $f/1.8$ Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, D. Torres, R. Kracke, M. McCleary, H. Stange, A. Milner. Measurers J. Stuart, R. Sayer, J. Evans, J. Kommers. 1.0-m $f/2.15$ reflector + CCD.
- 730 University of North Dakota, Grand Forks. Observer M. Gerszewski. Measurer V. Reddy. 0.4-m $f/10$ reflector + CCD.
- 734 Farpoint Observatory. Observer G. Hug. 0.3-m $f/6$ Schmidt-Cassegrain + CCD.
- 785 Fitz-Randolph Observatory, Princeton. Observer J. Maffei. 0.91-m $f/13.6$ Cassegrain + CCD.
- 859 Wykrota Observatory-CEAMIG. Observer C. Jacques. 0.30-m $f/3.0$ Schmidt-Cassegrain + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 926 Tenagra II Observatory. Observers P. R. Holvorcem, M. Schwartz. 0.81-m $f/7$ Ritchey-Chrétien + CCD.
- 928 Moonedge Observatory, Northport. Observer F. Schiralli. 0.305-m reflector + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 941 Observatorio Pla D'Arguines. Observer R. Ferrando. 0.30-m Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 950 La Palma. Observers T. Grav, K. Aksnes, J. Näränen. 2.5-m Nordic Optical Telescope + CCD.
- A01 Masia Cal Maciarol Modul 1. Observer F. Baldris. 0.20-m $f/5.0$ Newtonian + CCD.
- A02 Masia Cal Maciarol Modul 8. Observers J. L. Salto, A. Salto. 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD.
- A06 Mataro. Observers F. Garcia, E. Cortes. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- A18 Herne. Observer B. Brinkmann. 0.2-m $f/5.8$ Schmidt-Cassegrain + CCD.
- A30 Crespadoro. Observer S. Valentini. Instrumentation not specified.
- A32 Panker. Observer H. Denzau. 0.36-m $f/5.5$ Schmidt-Cassegrain + CCD.
- A41 Rezman Observatory, Kamnik. Observers R. Palcic, A. Spenko. 0.41-m $f/3.1$ reflector + CCD.

- A46 Lelekovice. Observer K. Hornoch. 0.35-m $f/4.7$ reflector + CCD.
- A50 Andrushivka Astronomical Observatory. Observers Y. Ivashchenko, O. Gerashchenko, V. Lokot, O. Drobenko. 0.6-m reflector + CCD.
- A54 Ostrorog. Observer M. Reszelski. 0.13-m reflector + CCD.
- D70 Tosa. Observer S. Shimomoto. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD.
- D74 Nakagawa. Observers H. Hori, H. Maeno. 1.13-m $f/6.75$ reflector + CCD.
- D82 Wallaroo. Observer M. Mattiazzo. 0.28-m $f/3.3$ Schmidt-Cassegrain + CCD.
- D83 Miwa. Observer Y. Ohshima. 0.25-m $f/5$ reflector + CCD.
- D86 Penwortham. Observer J. Tilbrook. 0.20-m $f/3$ reflector + CCD.
- E12 Siding Spring Survey. Observers R. H. McNaught, S. Larson, E. Beshore, E. Christensen, R. Hill, D. McLean, G. J. Garradd. 0.5-m Uppsala Schmidt + CCD.
- G90 Three Buttes Observatory, Tucson. Observer G. R. Jones. 0.4-m Ritchey-Chrétien + CCD.
- H41 Petit Jean Mountain. Observer P. C. Sherrod. 0.41-m $f/3.7$ Schmidt-Cassegrain + CCD.
- H72 Evelyn L. Egan Observatory, Fort Myers. Observers M. Fauerbach, T. Bennett, M. Mon. 0.40-m $f/5.3$ reflector + CCD.
- I05 Las Campanas Observatory-TIE. Observers G. Masi, F. Mallia. 0.36-m SoTIE reflector + CCD.
- J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J78 Murcia. Observer J. Sanchez. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J87 La Cañada. Observer J. Lacruz. 0.30-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.254-m $f/5.5$ Schmidt-Cassegrain + CCD.
- J95 Great Shefford. Observer P. Birtwhistle. 0.30-m $f/6.3$ Schmidt-Cassegrain + CCD.
- J97 Alginet. Observer T. Climent G. 0.25-m $f/4$ Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/2001 HT₅₀ (LINEAR-NEAT)						
C/2001 HT ₅₀	2004 06	13.70681	00 54 19.38	+16 02 47.1		349
C/2001 HT ₅₀	2004 06	13.70834	00 54 19.37	+16 02 47.5		349
C/2001 HT ₅₀	2004 06	13.70986	00 54 19.36	+16 02 47.8	14.5 T	349
C/2001 HT ₅₀	2004 06	16.72571	00 53 33.70	+16 10 28.9		D83
C/2001 HT ₅₀	2004 06	16.72760	00 53 33.66	+16 10 30.6		D83
C/2001 HT ₅₀	2004 06	16.72944	00 53 33.62	+16 10 30.5		D83
C/2001 HT ₅₀	2004 06	16.73311	00 53 33.55	+16 10 30.8	15.2 T	D83
C/2001 HT ₅₀	2004 06	20.08181	00 52 33.79	+16 18 29.9	15.1 N	J76
C/2001 HT ₅₀	2004 06	20.08264	00 52 33.77	+16 18 30.1	15.1 N	J76
C/2001 HT ₅₀	2004 06	20.08346	00 52 33.76	+16 18 30.4	15.1 N	J76
C/2001 HT ₅₀	2004 06	24.41160	00 51 01.77	+16 27 53.3	15.7 N	I05
C/2001 HT ₅₀	2004 06	24.41257	00 51 01.76	+16 27 53.2		I05
C/2001 HT ₅₀	2004 06	26.02929	00 50 23.00	+16 30 59.9	15.7 N	A18
C/2001 HT ₅₀	2004 06	27.02897	00 49 57.82	+16 32 53.6		048
C/2001 HT ₅₀	2004 06	27.03123	00 49 57.74	+16 32 54.2		048
C/2001 HT ₅₀	2004 06	27.03198	00 49 57.73	+16 32 53.8		048
C/2001 HT ₅₀	2004 06	27.03273	00 49 57.72	+16 32 53.8		048
C/2001 HT ₅₀	2004 06	27.03424	00 49 57.68	+16 32 54.1		048
C/2001 HT ₅₀	2004 06	27.03949	00 49 57.50	+16 32 56.6	16.2 N	A06
C/2001 HT ₅₀	2004 06	27.04615	00 49 57.30	+16 32 54.8	16.4 N	A06
C/2001 HT ₅₀	2004 06	27.09424	00 49 56.17	+16 33 00.2	15.1 N	939

C/2001 HT ₅₀	2004 06 27.09887	00 49 56.05	+16 33 00.6	15.1 N	939
C/2001 HT ₅₀	2004 06 27.10350	00 49 55.92	+16 33 00.9	15.2 N	939
C/2001 HT ₅₀	2004 07 04.07892	00 46 32.73	+16 44 04.1	15.3 N	939
C/2001 HT ₅₀	2004 07 04.08358	00 46 32.57	+16 44 04.4	15.3 N	939
C/2001 HT ₅₀	2004 07 04.08823	00 46 32.39	+16 44 04.5	15.3 N	939

C/2001 K5 (LINEAR)

C/2001 K5	2004 06 13.90744	22 37 39.82	+64 46 15.1	17.1 N	A54
C/2001 K5	2004 06 26.95372	22 39 25.13	+66 13 44.2	18.2 N	213
C/2001 K5	2004 06 26.95494	22 39 25.14	+66 13 44.8		213
C/2001 K5	2004 06 29.94076	22 39 22.23	+66 32 09.6		A46
C/2001 K5	2004 06 29.94199	22 39 22.37	+66 32 10.5		A46
C/2001 K5	2004 06 29.94565	22 39 22.38	+66 32 11.6		A46
C/2001 K5	2004 06 29.94809	22 39 22.30	+66 32 12.6		A46
C/2001 K5	2004 06 29.95053	22 39 22.32	+66 32 13.6		A46
C/2001 K5	2004 06 29.95176	22 39 22.46	+66 32 13.2		A46
C/2001 K5	2004 06 30.01483	22 39 22.03	+66 32 35.7	18.2 T	A32
C/2001 K5	2004 07 05.99698	22 38 46.42	+67 07 20.6	17.7 N	A32
C/2001 K5	2004 07 06.00373	22 38 46.35	+67 07 23.8	18.0 N	A32
C/2001 K5	2004 07 06.01049	22 38 46.24	+67 07 26.9	17.8 N	A32
C/2001 K5	2004 07 06.98155	22 38 36.39	+67 12 48.0		048
C/2001 K5	2004 07 06.99368	22 38 35.92	+67 12 51.2		048
C/2001 K5	2004 07 06.99920	22 38 35.90	+67 12 52.0		048

C/2001 Q4 (NEAT)

C/2001 Q4	2004 05 17.87139	08 48 05.79	+26 08 41.3	9.8 N	138
C/2001 Q4	2004 05 17.87807	08 48 07.87	+26 09 37.2	9.8 N	138
C/2001 Q4	2004 05 17.88475	08 48 09.88	+26 10 33.2	9.8 N	138
C/2001 Q4	2004 05 17.89143	08 48 11.81	+26 11 29.3	9.4 N	138
C/2001 Q4	2004 05 17.89811	08 48 13.85	+26 12 25.3	9.2 N	138
C/2001 Q4	2004 05 19.93819	08 58 00.96	+30 31 03.5		1 204
C/2001 Q4	2004 05 23.16816	09 11 18.52	+35 48 46.2	10.9 N	448
C/2001 Q4	2004 05 23.16907	09 11 18.72	+35 48 51.0	10.5 N	448
C/2001 Q4	2004 05 23.17608	09 11 20.27	+35 49 26.1	11.0 N	448
C/2001 Q4	2004 05 24.83229	09 17 17.29	+37 59 06.6	8.9 N	235
C/2001 Q4	2004 05 24.93030	09 17 37.32	+38 06 10.3		204
C/2001 Q4	2004 05 24.93676	09 17 38.64	+38 06 37.8	11.3 N	204
C/2001 Q4	2004 05 24.94322	09 17 39.97	+38 07 05.7		204
C/2001 Q4	2004 05 24.94935	09 17 41.22	+38 07 31.8		204
C/2001 Q4	2004 05 24.95681	09 17 42.76	+38 08 03.8	11.4 N	204
C/2001 Q4	2004 05 25.83620	09 20 38.98	+39 09 11.6	8.8 N	235
C/2001 Q4	2004 05 27.89340	09 27 01.99	+41 15 52.5	10.0 N	A32
C/2001 Q4	2004 05 27.89479	09 27 02.23	+41 15 57.3	10.0 N	A32
C/2001 Q4	2004 05 27.89618	09 27 02.45	+41 16 01.8	10.0 N	A32
C/2001 Q4	2004 05 27.89757	09 27 02.71	+41 16 06.5	9.9 N	A32
C/2001 Q4	2004 05 27.89896	09 27 02.95	+41 16 11.2	9.9 N	A32
C/2001 Q4	2004 05 28.92289	09 29 59.82	+42 11 59.8	10.1 N	A32
C/2001 Q4	2004 05 28.92498	09 30 00.15	+42 12 06.6	10.2 N	A32
C/2001 Q4	2004 05 28.92706	09 30 00.51	+42 12 12.9	10.1 N	A32
C/2001 Q4	2004 05 28.92914	09 30 00.86	+42 12 19.4	10.2 N	A32
C/2001 Q4	2004 05 28.93123	09 30 01.22	+42 12 25.7	10.2 N	A32
C/2001 Q4	2004 05 29.96637	09 32 51.81	+43 04 38.2	9.2 N	235
C/2001 Q4	2004 05 30.84431	09 35 10.25	+43 45 59.3	9.2 N	235
C/2001 Q4	2004 05 30.85757	09 35 12.54	+43 46 35.0		A46

C/2001 Q4	2004 05 30.85999	09 35 12.85	+43 46 41.4		A46
C/2001 Q4	2004 05 30.86722	09 35 14.03	+43 47 00.9		A46
C/2001 Q4	2004 05 30.86963	09 35 14.38	+43 47 07.5		A46
C/2001 Q4	2004 05 30.87203	09 35 14.74	+43 47 13.8		A46
C/2001 Q4	2004 05 30.87443	09 35 15.07	+43 47 20.3		A46
C/2001 Q4	2004 06 01.94860	09 40 22.75	+45 15 15.2	10.3 N	A32
C/2001 Q4	2004 06 01.95086	09 40 23.08	+45 15 20.8	10.2 N	A32
C/2001 Q4	2004 06 01.95310	09 40 23.38	+45 15 26.0	10.1 N	A32
C/2001 Q4	2004 06 01.95536	09 40 23.74	+45 15 31.2	10.2 N	A32
C/2001 Q4	2004 06 01.95762	09 40 24.03	+45 15 36.6	10.2 N	A32
C/2001 Q4	2004 06 02.89365	09 42 34.57	+45 51 31.0	9.4 N	235
C/2001 Q4	2004 06 03.46631	09 43 52.22	+46 12 27.9		900
C/2001 Q4	2004 06 03.47042	09 43 52.73	+46 12 36.6		900
C/2001 Q4	2004 06 03.55625	09 44 04.10	+46 15 36.7	7.4 T	355
C/2001 Q4	2004 06 03.55874	09 44 04.41	+46 15 41.7		355
C/2001 Q4	2004 06 03.56042	09 44 04.63	+46 15 45.1		355
C/2001 Q4	2004 06 03.56365	09 44 05.07	+46 15 52.2		355
C/2001 Q4	2004 06 04.46307	09 46 03.57	+46 47 05.8		900
C/2001 Q4	2004 06 04.46718	09 46 04.12	+46 47 13.9		900
C/2001 Q4	2004 06 04.49740	09 46 07.98	+46 48 15.1	6.8 T	370
C/2001 Q4	2004 06 04.50503	09 46 08.94	+46 48 30.4	6.8 T	370
C/2001 Q4	2004 06 04.54302	09 46 13.77	+46 49 44.3	7.6 T	355
C/2001 Q4	2004 06 04.54397	09 46 13.93	+46 49 46.4		355
C/2001 Q4	2004 06 04.54484	09 46 14.01	+46 49 47.8		355
C/2001 Q4	2004 06 04.54567	09 46 14.14	+46 49 49.2		355
C/2001 Q4	2004 06 05.46110	09 48 10.61	+47 19 43.1		349
C/2001 Q4	2004 06 05.46146	09 48 10.66	+47 19 43.8		349
C/2001 Q4	2004 06 05.46574	09 48 11.23	+47 19 52.5		900
C/2001 Q4	2004 06 05.46984	09 48 11.71	+47 20 00.1		900
C/2001 Q4	2004 06 05.47851	09 48 12.72	+47 20 17.0	7.6 T	355
C/2001 Q4	2004 06 05.48115	09 48 13.03	+47 20 21.4		355
C/2001 Q4	2004 06 05.48211	09 48 13.18	+47 20 23.3		355
C/2001 Q4	2004 06 05.48380	09 48 13.35	+47 20 26.4		355
C/2001 Q4	2004 06 05.50462	09 48 15.96	+47 21 04.6		349
C/2001 Q4	2004 06 05.50688	09 48 16.23	+47 21 08.8	6.7 T	349
C/2001 Q4	2004 06 06.89512	09 51 05.86	+48 03 18.8	9.8 N	235
C/2001 Q4	2004 06 07.94700	09 53 09.79	+48 33 08.1		A46
C/2001 Q4	2004 06 07.95177	09 53 10.39	+48 33 16.0		A46
C/2001 Q4	2004 06 07.95654	09 53 10.95	+48 33 23.7		A46
C/2001 Q4	2004 06 07.95891	09 53 11.20	+48 33 27.9		A46
C/2001 Q4	2004 06 07.96367	09 53 11.74	+48 33 35.8		A46
C/2001 Q4	2004 06 07.96605	09 53 12.02	+48 33 39.5		A46
C/2001 Q4	2004 06 07.97715	09 53 13.25	+48 33 56.8	12 N	204
C/2001 Q4	2004 06 07.97884	09 53 13.46	+48 34 00.5		204
C/2001 Q4	2004 06 07.98052	09 53 13.70	+48 34 02.2		204
C/2001 Q4	2004 06 08.86408	09 54 54.75	+48 57 48.6	9.9 N	235
C/2001 Q4	2004 06 09.89912	09 56 50.02	+49 24 13.4	9.9 N	235
C/2001 Q4	2004 06 11.92755	10 00 27.48	+50 12 01.5	11.1 N	A32
C/2001 Q4	2004 06 11.92980	10 00 27.70	+50 12 05.6	10.6 N	A32
C/2001 Q4	2004 06 11.93206	10 00 27.93	+50 12 07.7	10.6 N	A32
C/2001 Q4	2004 06 11.93432	10 00 28.16	+50 12 10.6	10.6 N	A32
C/2001 Q4	2004 06 11.96264	10 00 31.00	+50 12 48.8	10.8 N	A01
C/2001 Q4	2004 06 11.96352	10 00 31.09	+50 12 50.1	10.8 N	A01

C/2001 Q4	2004 06 11.96411	10 00 31.17	+50 12 50.8	10.8 N	A01	C/2001 Q4	2004 06 14.45806	10 04 45.78	+51 05 31.8	11.2 N	379
C/2001 Q4	2004 06 12.85588	10 02 03.75	+50 32 26.8	10.6 N	J76	C/2001 Q4	2004 06 14.45920	10 04 45.88	+51 05 33.4	11.5 N	379
C/2001 Q4	2004 06 12.85635	10 02 03.80	+50 32 27.4	10.6 N	J76	C/2001 Q4	2004 06 14.46205	10 04 46.10	+51 05 36.5	11.2 N	379
C/2001 Q4	2004 06 12.85683	10 02 03.83	+50 32 27.9	10.6 N	J76	C/2001 Q4	2004 06 14.46354	10 04 46.30	+51 05 38.4	11.2 N	379
C/2001 Q4	2004 06 12.90594	10 02 08.83	+50 33 29.1	11.0 N	442	C/2001 Q4	2004 06 14.46802	10 04 46.72	+51 05 43.6	11.2 N	379
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C/2001 Q4	2004 06 12.93090	10 02 11.53	+50 33 59.0	11.0 N	A32	C/2001 Q4	2004 06 14.91764	10 05 31.36	+51 14 29.5	11.1 N	A32
C/2001 Q4	2004 06 12.93316	10 02 11.75	+50 34 01.7	10.9 N	A32	C/2001 Q4	2004 06 15.45736	10 06 24.42	+51 24 58.3	11.1 N	379
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C/2001 Q4	2004 06 13.48729	10 03 08.07	+50 45 46.6		360	C/2001 Q4	2004 06 17.47015	10 09 38.41	+52 01 37.6	11.3 N	379
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C/2001 Q4	2004 06 13.50275	10 03 09.64	+50 46 05.3		900	C/2001 Q4	2004 06 17.56979	10 09 47.70	+52 03 19.4	7.1 T	370
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C/2001 Q4	2004 06 23.91316	10 19 30.01	+53 40 59.9	11.3 N	J76
C/2001 Q4	2004 06 23.91521	10 19 30.30	+53 41 01.6	11.0 N	J76
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C/2001 Q4	2004 06 26.87273	10 23 53.22	+54 19 34.2		A46
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C/2001 Q4	2004 06 26.87668	10 23 53.55	+54 19 37.3		A46
C/2001 Q4	2004 06 26.87866	10 23 53.68	+54 19 38.8		A46
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C/2001 Q4	2004 06 28.91965	10 26 53.91	+54 44 13.2	11.4 N	A32
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C/2001 Q4	2004 07 03.98811	10 34 21.04	+55 39 33.2	12.7 N	130

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C/2001 Q4	2004 07 07.87515	10 40 07.87	+56 17 37.2	11.6 N	939
C/2001 Q4	2004 07 07.87686	10 40 08.33	+56 17 37.9	11.6 N	442
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C/2001 Q4	2004 07 08.85559	10 41 36.37	+56 26 43.8	11.6 N	213
C/2001 Q4	2004 07 08.86090	10 41 36.94	+56 26 47.0	11.6 N	J97
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C/2001 Q4	2004 07 08.86353	10 41 37.10	+56 26 48.5	11.7 N	J97
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C/2001 Q4	2004 07 08.86712	10 41 37.44	+56 26 50.0	11.5 N	939
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C/2001 Q4	2004 07 11.56020	10 45 43.43	+56 50 57.4		D83
C/2001 Q4	2004 07 11.56199	10 45 43.59	+56 50 58.3		D83
C/2001 Q4	2004 07 11.56392	10 45 43.78	+56 50 59.3	8.1 T	D83

C/2002 A1 (LINEAR)

C/2002 A1	2004 02 17.04240	12 35 13.85	+13 23 31.6	21.8 T	2 246
C/2002 A1	2004 02 17.11093	12 35 13.08	+13 23 41.8		2 246
C/2002 A1	2004 03 28.91534	12 21 47.84	+15 07 36.9		3 246
C/2002 A1	2004 03 29.84687	12 21 27.56	+15 09 13.1	21.8 T	3 246
C/2002 A1	2004 03 31.00065	12 21 02.00	+15 11 05.9	21.7 T	4 246

C/2002 A2 (LINEAR)

C/2002 A2	2004 02 17.04240	12 35 24.55	+13 20 41.2	21.6 T	3 246
C/2002 A2	2004 02 17.11093	12 35 23.64	+13 20 55.1		3 246
C/2002 A2	2004 03 28.91534	12 21 56.76	+15 05 05.4		3 246
C/2002 A2	2004 03 29.84687	12 21 35.87	+15 06 40.6	21.7 T	3 246
C/2002 A2	2004 03 31.00065	12 21 10.22	+15 08 39.6	21.5 T	2 246

C/2002 CE₁₀ (LINEAR)

C/2002 CE ₁₀	2004 06 23.33569	20 24 00.19	-49 47 10.3	19.2 N	I05
C/2002 CE ₁₀	2004 06 23.34148	20 23 59.37	-49 47 15.2	18.9 N	I05

C/2002 J4 (NEAT)

C/2002 J4	2004 06 23.41125	02 05 36.15	-37 09 31.5	17.7 N	I05
C/2002 J4	2004 06 23.41226	02 05 36.22	-37 09 31.7	16.9 N	I05
C/2002 J4	2004 06 24.35503	02 06 28.16	-37 10 41.9	17.1 N	I05
C/2002 J4	2004 06 24.35601	02 06 28.25	-37 10 42.1	17.4 N	I05
C/2002 J4	2004 06 24.35698	02 06 28.26	-37 10 42.3	17.8 N	I05

C/2002 J5 (LINEAR)

C/2002 J5	2004 05 16.22157	15 24 32.02	+55 46 25.1	17.7 T	688
C/2002 J5	2004 05 16.22424	15 24 31.67	+55 46 24.8	17.7 T	688
C/2002 J5	2004 05 16.22669	15 24 31.41	+55 46 24.7	17.6 T	688
C/2002 J5	2004 06 07.98584	14 44 29.11	+55 17 58.4		A46
C/2002 J5	2004 06 07.98704	14 44 29.02	+55 17 57.7		A46
C/2002 J5	2004 06 07.98824	14 44 28.80	+55 17 57.2		A46
C/2002 J5	2004 06 07.99064	14 44 28.61	+55 17 57.1		A46
C/2002 J5	2004 06 07.99424	14 44 28.17	+55 17 56.5		A46
C/2002 J5	2004 06 07.99544	14 44 27.99	+55 17 56.0		A46
C/2002 J5	2004 06 11.98983	14 38 21.13	+55 00 39.6	17.2 T	A01
C/2002 J5	2004 06 11.99179	14 38 20.96	+55 00 39.5	17.2 T	A01
C/2002 J5	2004 06 11.99769	14 38 20.62	+55 00 37.8	17.1 T	A01
C/2002 J5	2004 06 13.53090	14 36 05.12	+54 53 11.1		D74
C/2002 J5	2004 06 13.53094	14 36 05.09	+54 53 10.7		349
C/2002 J5	2004 06 13.53676	14 36 04.58	+54 53 08.9		349
C/2002 J5	2004 06 13.54260	14 36 04.09	+54 53 07.1	17.3 T	349
C/2002 J5	2004 06 13.55174	14 36 03.28	+54 53 04.9	17.6 T	D74
C/2002 J5	2004 06 18.95274	14 28 33.92	+54 23 40.2	18.2 N	213
C/2002 J5	2004 06 18.95576	14 28 33.68	+54 23 39.0		213
C/2002 J5	2004 06 18.95698	14 28 33.72	+54 23 38.8		213
C/2002 J5	2004 06 20.22985	14 26 54.47	+54 16 01.8	17.4 T	699
C/2002 J5	2004 06 20.25234	14 26 52.79	+54 15 53.4		699
C/2002 J5	2004 06 20.27477	14 26 50.93	+54 15 45.4		699
C/2002 J5	2004 06 20.29723	14 26 48.94	+54 15 37.7		699
C/2002 J5	2004 06 21.21042	14 25 39.27	+54 10 01.9	17.4 T	699
C/2002 J5	2004 06 21.21778	14 25 38.66	+54 09 59.8		699
C/2002 J5	2004 06 21.22518	14 25 38.23	+54 09 56.6		699
C/2002 J5	2004 06 21.23254	14 25 37.58	+54 09 53.3		699
C/2002 J5	2004 07 06.96425	14 08 50.49	+52 18 50.0		A46
C/2002 J5	2004 07 06.96670	14 08 50.29	+52 18 48.1		A46
C/2002 J5	2004 07 06.96789	14 08 50.26	+52 18 48.6		A46
C/2002 J5	2004 07 06.96907	14 08 50.14	+52 18 47.6		A46
C/2002 J5	2004 07 06.97028	14 08 50.16	+52 18 46.8		A46
C/2002 J5	2004 07 06.97149	14 08 50.03	+52 18 46.8		A46
C/2002 J5	2004 07 07.17911	14 08 39.40	+52 17 12.2	18.5 T	704
C/2002 J5	2004 07 07.19908	14 08 38.31	+52 17 03.6	18.7 T	704
C/2002 J5	2004 07 07.20912	14 08 37.79	+52 16 57.6	18.8 T	704
C/2002 J5	2004 07 07.21912	14 08 37.16	+52 16 52.4	18.4 T	704

C/2002 L9 (NEAT)

C/2002 L9	2004 06 23.41473	00 37 20.32	-59 39 52.9	15.1 N	I05
C/2002 L9	2004 06 23.41571	00 37 20.34	-59 39 53.5	15.1 N	I05

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C/2002 L9	2004 06 24.39613	00 38 04.72	-59 47 20.3	16.7 N	I05
C/2002 L9	2004 06 24.39711	00 38 04.77	-59 47 20.9	16.6 N	I05
C/2002 L9	2004 06 24.39808	00 38 04.81	-59 47 20.7	17.3 N	I05

C/2002 T7 (LINEAR)

C/2002 T7	2004 05 14.85071	02 13 02.67	-12 26 56.0	7.8 N	D82
C/2002 T7	2004 05 14.85194	02 13 04.52	-12 27 03.5	8.1 N	D82
C/2002 T7	2004 05 30.38389	08 47 36.22	-13 35 55.9	12.1 N	415
C/2002 T7	2004 06 03.34693	09 15 06.69	-11 37 05.8	12.1 N	415
C/2002 T7	2004 06 03.45171	09 15 40.28	-11 34 46.6		900
C/2002 T7	2004 06 03.45536	09 15 41.48	-11 34 41.5		900
C/2002 T7	2004 06 04.41206	09 20 33.48	-11 12 16.1	12.4 N	415
C/2002 T7	2004 06 04.45035	09 20 44.55	-11 11 39.2		900
C/2002 T7	2004 06 04.45399	09 20 45.58	-11 11 34.0		900
C/2002 T7	2004 06 05.45056	09 25 19.14	-10 50 34.3		349
C/2002 T7	2004 06 05.45094	09 25 19.24	-10 50 33.9		349
C/2002 T7	2004 06 05.45348	09 25 19.93	-10 50 29.9		900
C/2002 T7	2004 06 05.45609	09 25 20.56	-10 50 27.7		349
C/2002 T7	2004 06 05.45646	09 25 20.66	-10 50 27.4	7.1 T	349
C/2002 T7	2004 06 05.45668	09 25 20.69	-10 50 26.7		900
C/2002 T7	2004 06 05.46486	09 25 22.83	-10 50 16.4		355
C/2002 T7	2004 06 05.46646	09 25 23.25	-10 50 14.5		355
C/2002 T7	2004 06 05.46855	09 25 23.77	-10 50 12.4	8.3 T	355
C/2002 T7	2004 06 05.46936	09 25 24.03	-10 50 11.5		355
C/2002 T7	2004 06 08.26257	09 36 05.21	-10 00 28.2	12.5 N	467
C/2002 T7	2004 06 08.29500	09 36 11.66	-09 59 57.9	12.7 N	467
C/2002 T7	2004 06 08.33591	09 36 19.81	-09 59 19.4	12.8 N	467
C/2002 T7	2004 06 10.90991	09 44 08.29	-09 23 34.8	12.1 N	859
C/2002 T7	2004 06 10.91058	09 44 08.36	-09 23 34.2	12.2 N	859
C/2002 T7	2004 06 10.91182	09 44 08.60	-09 23 33.3	12.2 N	859
C/2002 T7	2004 06 10.91306	09 44 08.78	-09 23 32.1	12.2 N	859
C/2002 T7	2004 06 10.91428	09 44 09.01	-09 23 31.2	12.2 N	859
C/2002 T7	2004 06 12.29355	09 47 45.81	-09 07 17.6	12.7 N	467
C/2002 T7	2004 06 12.29672	09 47 46.27	-09 07 15.5	12.8 N	467
C/2002 T7	2004 06 12.30060	09 47 46.84	-09 07 12.9	12.7 N	467
C/2002 T7	2004 06 12.39126	09 48 00.40	-09 06 13.8	10.9 T	D86
C/2002 T7	2004 06 12.39978	09 48 01.70	-09 06 06.9	11.1 T	D86
C/2002 T7	2004 06 12.40506	09 48 03.00	-09 05 59.6	11.0 T	D86
C/2002 T7	2004 06 12.84703	09 49 07.19	-09 01 28.2	10.7 N	J76
C/2002 T7	2004 06 12.84750	09 49 07.26	-09 01 27.8	11.0 N	J76
C/2002 T7	2004 06 12.85141	09 49 07.81	-09 01 25.1	11.2 N	J76
C/2002 T7	2004 06 12.98284	09 49 26.63	-08 59 53.8	12.3 N	859
C/2002 T7	2004 06 12.98527	09 49 27.00	-08 59 52.6	12.5 N	859
C/2002 T7	2004 06 12.99395	09 49 28.20	-08 59 46.7	12.4 N	859
C/2002 T7	2004 06 13.46067	09 50 34.20	-08 55 07.5		900
C/2002 T7	2004 06 13.46295	09 50 34.50	-08 55 06.1		900
C/2002 T7	2004 06 13.47377	09 50 35.99	-08 54 59.8		360
C/2002 T7	2004 06 13.47528	09 50 36.20	-08 54 58.9		360
C/2002 T7	2004 06 13.47704	09 50 36.44	-08 54 57.8		360
C/2002 T7	2004 06 13.48756	09 50 37.89	-08 54 51.3		D83
C/2002 T7	2004 06 13.48777	09 50 37.94	-08 54 51.2		349
C/2002 T7	2004 06 13.48873	09 50 38.06	-08 54 51.0		349
C/2002 T7	2004 06 13.48920	09 50 38.14	-08 54 50.5		349

C/2002 T7	2004 06 13.48968	09 50 38.18	-08 54 50.4	8.1 T	349
C/2002 T7	2004 06 13.49245	09 50 38.61	-08 54 49.1		D83
C/2002 T7	2004 06 13.49475	09 50 38.96	-08 54 46.9		D83
C/2002 T7	2004 06 13.50527	09 50 40.35	-08 54 41.9		D83
C/2002 T7	2004 06 14.32027	09 52 30.74	-08 46 37.2	13.0 N	467
C/2002 T7	2004 06 14.32626	09 52 31.50	-08 46 33.6	13.0 N	467
C/2002 T7	2004 06 14.35603	09 52 35.40	-08 46 16.8	13.1 N	467
C/2002 T7	2004 06 14.45953	09 52 49.00	-08 45 28.9		347
C/2002 T7	2004 06 14.46192	09 52 49.25	-08 45 27.5		347
C/2002 T7	2004 06 14.46353	09 52 49.50	-08 45 26.0		347
C/2002 T7	2004 06 14.96303	09 53 54.12	-08 40 46.2	13.0 N	I05
C/2002 T7	2004 06 14.96426	09 53 54.26	-08 40 45.2	13.0 N	I05
C/2002 T7	2004 06 16.39434	09 56 49.05	-08 28 44.3	13.2 N	415
C/2002 T7	2004 06 17.35163	09 58 38.99	-08 21 27.3	13.7 N	415
C/2002 T7	2004 06 17.36389	09 58 40.37	-08 21 22.2	13.6 N	415
C/2002 T7	2004 06 17.85747	09 59 34.84	-08 17 58.5	11.8 N	213
C/2002 T7	2004 06 17.85932	09 59 35.05	-08 17 57.4	11.9 N	213
C/2002 T7	2004 06 17.86041	09 59 35.18	-08 17 56.9	11.9 N	213
C/2002 T7	2004 06 19.38173	10 02 15.83	-08 07 48.2	11.7 T	D86
C/2002 T7	2004 06 19.38615	10 02 16.21	-08 07 44.8	12.1 T	D86
C/2002 T7	2004 06 19.39167	10 02 16.73	-08 07 43.3	12.2 T	D86
C/2002 T7	2004 06 19.89549	10 03 07.41	-08 04 41.9	13.1 N	859
C/2002 T7	2004 06 19.89630	10 03 07.35	-08 04 41.7	13.0 N	859
C/2002 T7	2004 06 19.89713	10 03 07.48	-08 04 41.4	12.8 N	859
C/2002 T7	2004 06 21.38115	10 05 30.61	-07 56 23.3	13.4 N	415
C/2002 T7	2004 06 21.98741	10 06 26.61	-07 53 19.6	13.0 N	859
C/2002 T7	2004 06 21.98823	10 06 26.62	-07 53 19.2	12.9 N	859
C/2002 T7	2004 06 21.98986	10 06 26.82	-07 53 18.9	13.0 N	859
C/2002 T7	2004 06 22.40524	10 07 04.63	-07 51 17.0	12.4 T	D86
C/2002 T7	2004 06 22.41203	10 07 05.23	-07 51 15.3	12.0 T	D86
C/2002 T7	2004 06 22.42091	10 07 06.04	-07 51 12.3	11.6 T	D86
C/2002 T7	2004 06 23.85661	10 09 11.59	-07 44 51.8	11.9 N	J76
C/2002 T7	2004 06 23.85837	10 09 11.76	-07 44 51.3	11.8 N	J76
C/2002 T7	2004 06 23.85911	10 09 11.81	-07 44 51.2	11.9 N	J76
C/2002 T7	2004 06 25.85953	10 11 56.90	-07 37 09.3	12.6 N	213
C/2002 T7	2004 06 26.32444	10 12 33.82	-07 35 27.7	14.0 N	415
C/2002 T7	2004 06 26.39218	10 12 39.09	-07 35 15.0	13.8 N	415
C/2002 T7	2004 06 26.39236	10 12 39.11	-07 35 13.8	13.9 N	415
C/2002 T7	2004 06 27.37883	10 13 55.63	-07 32 07.3	12.6 T	D86
C/2002 T7	2004 06 27.38488	10 13 56.10	-07 32 08.5	12.4 T	D86
C/2002 T7	2004 06 27.39070	10 13 56.59	-07 32 04.2	12.4 T	D86
C/2002 T7	2004 06 27.43475	10 13 59.69	-07 31 56.9	13.4 N	415
C/2002 T7	2004 06 27.43520	10 13 59.77	-07 31 56.5	13.3 N	415
C/2002 T7	2004 06 28.43279	10 15 14.62	-07 29 06.6	14.0 N	415
C/2002 T7	2004 06 28.43677	10 15 14.96	-07 29 06.3	13.7 N	415
C/2002 T7	2004 06 29.37712	10 16 23.76	-07 26 41.7	13.9 N	415
C/2002 T7	2004 07 02.40012	10 19 54.18	-07 20 32.3	13.9 N	415
C/2002 T7	2004 07 02.40041	10 19 54.21	-07 20 32.6	13.9 N	415
C/2002 T7	2004 07 02.40071	10 19 54.20	-07 20 32.2	14.0 N	415
C/2002 T7	2004 07 03.41424	10 21 01.60	-07 18 58.1	13.8 N	415
C/2002 T7	2004 07 03.42554	10 21 02.28	-07 18 56.9	13.9 N	415
C/2002 T7	2004 07 03.89948	10 21 33.35	-07 18 19.4	13.2 N	859
C/2002 T7	2004 07 03.90019	10 21 33.42	-07 18 19.5	12.9 N	859

C/2002 T7	2004 07 03.90090	10 21 33.46	-07 18 19.4	12.8 N	859
C/2002 T7	2004 07 03.90238	10 21 33.56	-07 18 19.3	12.9 N	859
C/2002 T7	2004 07 05.48028	10 23 14.74	-07 16 28.4		322
C/2002 T7	2004 07 05.48247	10 23 14.90	-07 16 28.2		322
C/2002 T7	2004 07 05.49620	10 23 15.71	-07 16 27.3		322
C/2002 T7	2004 07 05.49885	10 23 15.88	-07 16 27.3		322
C/2002 T7	2004 07 05.93716	10 23 43.33	-07 16 03.4	13.2 N	859
C/2002 T7	2004 07 05.93788	10 23 43.38	-07 16 03.3	13.2 N	859
C/2002 T7	2004 07 05.93860	10 23 43.42	-07 16 03.3	13.2 N	859
C/2002 T7	2004 07 06.40680	10 24 12.75	-07 15 39.3	12.5 T	D86
C/2002 T7	2004 07 06.41318	10 24 13.08	-07 15 38.7	12.7 T	D86
C/2002 T7	2004 07 06.41855	10 24 13.49	-07 15 39.1	12.4 T	D86
C/2002 T7	2004 07 08.39319	10 26 13.80	-07 14 24.3	14.1 N	415
C/2002 T7	2004 07 08.39397	10 26 13.85	-07 14 24.0	14.2 N	415
C/2002 T7	2004 07 11.35697	10 29 07.69	-07 13 51.1	14.3 N	415
C/2002 T7	2004 07 11.36791	10 29 08.31	-07 13 50.7	14.3 N	415

C/2003 E1 (NEAT)

C/2003 E1	2004 05 23.58597	18 32 07.23	+12 06 26.6	19.2 T	D74
C/2003 E1	2004 05 23.60532	18 32 06.81	+12 06 26.0	18.7 T	D74
C/2003 E1	2004 06 12.31848	18 24 14.58	+11 20 59.5	18.4 T	704
C/2003 E1	2004 06 12.32863	18 24 14.24	+11 20 57.1	18.9 T	704
C/2003 E1	2004 06 12.33877	18 24 13.92	+11 20 54.0	19.1 T	704
C/2003 E1	2004 06 12.34884	18 24 13.59	+11 20 50.9	18.9 T	704
C/2003 E1	2004 06 12.35891	18 24 13.26	+11 20 48.0	19.2 T	704
C/2003 E1	2004 06 13.32076	18 23 44.50	+11 16 26.8	18.2 T	704
C/2003 E1	2004 06 13.33076	18 23 44.20	+11 16 23.9	18.6 T	704
C/2003 E1	2004 06 13.34076	18 23 43.82	+11 16 21.3	18.7 T	704
C/2003 E1	2004 06 13.36075	18 23 43.18	+11 16 15.1	18.8 T	704
C/2003 E1	2004 06 14.34085	18 23 13.44	+11 11 35.4	19.3 T	704
C/2003 E1	2004 06 14.35106	18 23 13.14	+11 11 32.6	19.0 T	704
C/2003 E1	2004 06 14.36118	18 23 12.82	+11 11 29.7	18.8 T	704
C/2003 E1	2004 06 15.33249	18 22 43.08	+11 06 39.6	19.1 T	704
C/2003 E1	2004 06 15.35277	18 22 42.37	+11 06 33.1	18.4 T	704
C/2003 E1	2004 06 15.36291	18 22 41.98	+11 06 29.3	18.7 T	704
C/2003 E1	2004 06 18.95895	18 20 49.57	+10 46 43.8	17.1 N	442
C/2003 E1	2004 06 19.28973	18 20 38.98	+10 44 46.6	19.7 T	730
C/2003 E1	2004 06 19.29536	18 20 38.82	+10 44 44.7	19.6 T	730
C/2003 E1	2004 06 19.30302	18 20 38.53	+10 44 41.9	19.3 T	730
C/2003 E1	2004 06 19.30706	18 20 38.42	+10 44 40.5	19.5 T	730
C/2003 E1	2004 06 22.27615	18 19 03.81	+10 26 02.7	18.2 T	704
C/2003 E1	2004 06 22.28613	18 19 03.40	+10 25 58.7	18.7 T	704
C/2003 E1	2004 06 22.29612	18 19 03.11	+10 25 54.2	18.7 T	704
C/2003 E1	2004 06 22.30611	18 19 02.74	+10 25 50.7	19.0 T	704
C/2003 E1	2004 06 22.31610	18 19 02.38	+10 25 46.1	18.7 T	704
C/2003 E1	2004 06 26.95450	18 16 34.13	+09 52 55.1		118
C/2003 E1	2004 06 26.95707	18 16 34.11	+09 52 52.9	18.5 N	118
C/2003 E1	2004 06 26.95964	18 16 33.99	+09 52 52.1	18.6 N	118
C/2003 E1	2004 07 04.91146	18 12 28.10	+08 46 48.3	17.8 N	A30
C/2003 E1	2004 07 04.91797	18 12 27.90	+08 46 44.6	17.9 N	A30
C/2003 E1	2004 07 04.92447	18 12 27.72	+08 46 40.9	17.9 N	A30

C/2003 G1 (LINEAR)

C/2003 G1	2004 06 12.93259	19 00 30.52	+42 03 08.1	16.9 N	442
C/2003 G1	2004 06 12.93307	19 00 30.34	+42 03 05.3	16.9 N	442
C/2003 G1	2004 06 12.97864	19 00 28.80	+42 03 21.7		213
C/2003 G1	2004 06 12.98015	19 00 28.74	+42 03 22.5		213
C/2003 G1	2004 06 12.98384	19 00 28.59	+42 03 23.6	17.7 N	213
C/2003 G1	2004 06 12.98988	19 00 28.40	+42 03 25.8	17.6 N	213
C/2003 G1	2004 06 13.32476	19 00 17.35	+42 05 39.8	19.7 T	704
C/2003 G1	2004 06 13.33460	19 00 16.95	+42 05 42.9	19.0 T	704
C/2003 G1	2004 06 13.34424	19 00 16.60	+42 05 45.0	19.1 T	704
C/2003 G1	2004 06 13.35369	19 00 16.26	+42 05 49.7	19.0 T	704
C/2003 G1	2004 06 13.68135	19 00 05.37	+42 07 57.3	18.5 T	900
C/2003 G1	2004 06 13.69238	19 00 05.01	+42 08 02.1	18.2 T	900
C/2003 G1	2004 06 13.93459	18 59 56.96	+42 09 33.4		A46
C/2003 G1	2004 06 13.93581	18 59 56.83	+42 09 33.3		A46
C/2003 G1	2004 06 13.93943	18 59 56.80	+42 09 35.5		A46
C/2003 G1	2004 06 13.94065	18 59 56.67	+42 09 35.5		A46
C/2003 G1	2004 06 13.94792	18 59 56.48	+42 09 38.0		A46
C/2003 G1	2004 06 13.94913	18 59 56.53	+42 09 39.9		A46
C/2003 G1	2004 06 16.32192	18 58 35.80	+42 24 24.2	18.5 T	704
C/2003 G1	2004 06 16.33205	18 58 35.39	+42 24 28.0	18.9 T	704
C/2003 G1	2004 06 16.34219	18 58 35.08	+42 24 31.9	18.8 T	704
C/2003 G1	2004 06 16.35232	18 58 34.67	+42 24 34.5	18.9 T	704
C/2003 G1	2004 06 16.36250	18 58 34.26	+42 24 38.4	18.6 T	704
C/2003 G1	2004 06 17.32312	18 58 01.12	+42 30 19.9	18.7 T	704
C/2003 G1	2004 06 17.33340	18 58 00.74	+42 30 23.8	18.8 T	704
C/2003 G1	2004 06 17.34368	18 58 00.31	+42 30 26.4	18.9 T	704
C/2003 G1	2004 06 17.35396	18 57 59.94	+42 30 30.6	18.7 T	704
C/2003 G1	2004 06 17.36424	18 57 59.59	+42 30 33.6	19.0 T	704
C/2003 G1	2004 06 17.88248	18 57 41.33	+42 33 43.5	16.9 N	442
C/2003 G1	2004 06 17.88358	18 57 41.63	+42 33 36.0	16.9 N	442
C/2003 G1	2004 06 18.32095	18 57 26.22	+42 36 06.8	18.4 T	704
C/2003 G1	2004 06 18.33109	18 57 25.85	+42 36 09.9	18.9 T	704
C/2003 G1	2004 06 18.35153	18 57 25.09	+42 36 16.9	18.8 T	704
C/2003 G1	2004 06 18.36167	18 57 24.63	+42 36 19.9	18.8 T	704
C/2003 G1	2004 06 18.96678	18 57 03.42	+42 39 45.8	16.8 N	442
C/2003 G1	2004 06 19.31811	18 56 50.98	+42 41 42.0	18.6 T	704
C/2003 G1	2004 06 19.32640	18 56 50.64	+42 41 45.0	18.3 T	730
C/2003 G1	2004 06 19.32802	18 56 50.60	+42 41 44.5	18.6 T	704
C/2003 G1	2004 06 19.33081	18 56 50.55	+42 41 46.5	18.0 T	730
C/2003 G1	2004 06 19.33547	18 56 50.36	+42 41 48.1	18.1 T	730
C/2003 G1	2004 06 19.33793	18 56 50.28	+42 41 48.3	18.9 T	704
C/2003 G1	2004 06 19.33990	18 56 50.14	+42 41 49.6	18.9 T	730
C/2003 G1	2004 06 19.34784	18 56 49.89	+42 41 52.3	19.0 T	704
C/2003 G1	2004 06 19.35775	18 56 49.51	+42 41 55.4	18.9 T	704
C/2003 G1	2004 06 19.97367	18 56 27.69	+42 45 17.1	17.9 N	213
C/2003 G1	2004 06 19.97762	18 56 27.84	+42 45 15.8	17.9 N	213
C/2003 G1	2004 06 20.33880	18 56 14.69	+42 47 15.7	18.6 T	704
C/2003 G1	2004 06 20.34848	18 56 14.32	+42 47 18.7	19.1 T	704
C/2003 G1	2004 06 20.34881	18 56 14.31	+42 47 18.6	19.3 T	704
C/2003 G1	2004 06 20.35802	18 56 13.90	+42 47 20.4	19.7 T	704
C/2003 G1	2004 06 20.36754	18 56 13.47	+42 47 24.0	19.5 T	704
C/2003 G1	2004 06 20.36865	18 56 13.39	+42 47 24.2	19.2 T	704

C/2003 G1	2004 06 20.37709	18 56 13.13	+42 47 27.8	19.2 T	704
C/2003 G1	2004 06 20.37868	18 56 13.16	+42 47 27.7	18.9 T	704
C/2003 G1	2004 06 21.26845	18 55 41.33	+42 52 07.8	18.7 T	704
C/2003 G1	2004 06 21.27825	18 55 40.95	+42 52 11.6	18.7 T	704
C/2003 G1	2004 06 21.28806	18 55 40.55	+42 52 14.5	18.8 T	704
C/2003 G1	2004 06 21.29794	18 55 40.16	+42 52 17.7	19.0 T	704
C/2003 G1	2004 06 21.30775	18 55 39.77	+42 52 21.0	19.0 T	704
C/2003 G1	2004 06 21.31757	18 55 39.48	+42 52 24.1	18.9 T	704
C/2003 G1	2004 06 21.32740	18 55 39.19	+42 52 27.8	19.0 T	704
C/2003 G1	2004 06 21.33723	18 55 38.78	+42 52 31.0	19.1 T	704
C/2003 G1	2004 06 21.34706	18 55 38.41	+42 52 33.0	19.4 T	704
C/2003 G1	2004 06 21.35698	18 55 37.97	+42 52 37.4	19.9 T	704
C/2003 G1	2004 06 22.27109	18 55 05.01	+42 57 18.8	19.5 T	704
C/2003 G1	2004 06 22.29106	18 55 04.28	+42 57 23.0	19.0 T	704
C/2003 G1	2004 06 22.30105	18 55 03.89	+42 57 25.9	19.0 T	704
C/2003 G1	2004 06 22.31105	18 55 03.40	+42 57 29.1	18.8 T	704
C/2003 G1	2004 06 22.89152	18 54 42.49	+43 00 21.2	17.0 N	442
C/2003 G1	2004 06 23.90101	18 54 05.54	+43 05 11.6	17.3 N	J76
C/2003 G1	2004 06 23.90243	18 54 05.51	+43 05 12.9	17.4 N	J76
C/2003 G1	2004 06 23.90472	18 54 05.44	+43 05 14.2	17.4 N	J76
C/2003 G1	2004 06 25.12008	18 53 20.64	+43 10 53.2	17.9 T	928
C/2003 G1	2004 06 25.13149	18 53 20.27	+43 10 55.9	17.5 T	928
C/2003 G1	2004 06 25.13699	18 53 19.97	+43 10 57.5	17.8 T	928
C/2003 G1	2004 06 25.14363	18 53 19.71	+43 10 57.9	17.8 T	928
C/2003 G1	2004 06 26.98914	18 52 11.19	+43 19 05.2	18.6 N	118
C/2003 G1	2004 06 26.99172	18 52 11.19	+43 19 05.5	18.4 N	118
C/2003 G1	2004 06 26.99613	18 52 11.10	+43 19 05.0	18.8 N	118
C/2003 G1	2004 07 01.29375	18 49 30.14	+43 35 36.6	19.5 T	673
C/2003 G1	2004 07 01.29722	18 49 30.00	+43 35 37.2		673
C/2003 G1	2004 07 01.30093	18 49 29.85	+43 35 38.0		673
C/2003 G1	2004 07 01.30509	18 49 29.70	+43 35 39.2		673
C/2003 G1	2004 07 07.88533	18 45 22.34	+43 54 44.0	17.8 N	213
C/2003 G1	2004 07 07.89717	18 45 21.72	+43 54 43.6	17.5 N	442
C/2003 G1	2004 07 07.89747	18 45 21.79	+43 54 48.5	17.4 N	442
C/2003 G1	2004 07 07.89811	18 45 21.76	+43 54 47.0	17.4 N	442
C/2003 G1	2004 07 07.90004	18 45 21.76	+43 54 46.2	17.4 N	442
C/2003 G1	2004 07 07.95877	18 45 19.46	+43 54 54.9	19.3 T	170
C/2003 G1	2004 07 07.96032	18 45 19.43	+43 54 55.1	18.8 T	170
C/2003 G1	2004 07 07.96186	18 45 19.39	+43 54 54.8	19.0 T	170

C/2003 H1 (LINEAR)

C/2003 H1	2004 06 11.37921	08 14 37.20	-09 05 59.1	17.7 N	415
C/2003 H1	2004 06 11.38515	08 14 37.19	-09 05 59.3	17.5 N	415
C/2003 H1	2004 06 11.38796	08 14 37.16	-09 05 58.9	17.9 N	415

C/2003 H3 (NEAT)

C/2003 H3	2004 05 11.40794	22 57 58.17	+35 11 17.6	19.1 T	704
C/2003 H3	2004 05 11.41724	22 57 58.60	+35 11 25.3	19.1 T	704
C/2003 H3	2004 05 11.42653	22 57 59.00	+35 11 30.5	18.7 T	704
C/2003 H3	2004 06 13.36774	23 14 33.79	+41 02 45.4	19.0 T	704
C/2003 H3	2004 06 13.37770	23 14 33.95	+41 02 51.4	19.8 T	704
C/2003 H3	2004 06 13.39770	23 14 34.38	+41 03 03.9	19.6 T	704
C/2003 H3	2004 06 13.40769	23 14 34.47	+41 03 10.7	19.5 T	704
C/2003 H3	2004 06 24.35759	23 16 58.26	+42 49 40.5	19.6 T	704

C/2003 H3	2004 06 24.36818	23 16 58.41	+42 49 47.1	20.0 T	704
C/2003 H3	2004 06 24.37871	23 16 58.46	+42 49 53.7	19.9 T	704
C/2003 H3	2004 06 24.38939	23 16 58.57	+42 50 00.3	19.5 T	704
C/2003 H3	2004 06 24.40460	23 16 58.62	+42 50 08.0	19.6 T	704

C/2003 J1 (NEAT)

C/2003 J1	2004 06 24.68795	22 08 54.77	-69 41 43.4	17.3 T	E12
C/2003 J1	2004 06 24.69604	22 08 54.55	-69 41 50.2	18.0 T	E12
C/2003 J1	2004 06 24.70414	22 08 54.24	-69 41 58.2	17.5 T	E12
C/2003 J1	2004 06 24.71229	22 08 54.03	-69 42 06.0	17.1 T	E12
C/2003 J1	2004 06 25.23543	22 08 35.48	-69 50 21.8	17.9 N	859
C/2003 J1	2004 06 25.25400	22 08 34.73	-69 50 39.7	18.0 N	859
C/2003 J1	2004 06 25.26111	22 08 32.83	-69 50 41.9	18.6 N	859

C/2003 K4 (LINEAR)

C/2003 K4	2004 05 21.98301	19 36 20.36	+38 22 20.1		127
C/2003 K4	2004 05 21.98639	19 36 19.88	+38 22 24.6		127
C/2003 K4	2004 05 21.99370	19 36 18.86	+38 22 35.6		127
C/2003 K4	2004 05 21.99727	19 36 18.37	+38 22 40.8		127
C/2003 K4	2004 05 23.92619	19 31 32.50	+39 08 43.9		127
C/2003 K4	2004 05 23.93000	19 31 31.95	+39 08 49.5		127
C/2003 K4	2004 05 23.93387	19 31 31.33	+39 08 55.1		127
C/2003 K4	2004 05 23.93740	19 31 30.74	+39 09 00.0		127
C/2003 K4	2004 05 23.94134	19 31 30.16	+39 09 05.9		127
C/2003 K4	2004 05 23.94411	19 31 29.72	+39 09 09.6		127
C/2003 K4	2004 05 24.77180	19 29 18.86	+39 29 00.4	10.5 T	349
C/2003 K4	2004 05 24.77287	19 29 18.69	+39 29 01.8		349
C/2003 K4	2004 05 24.77495	19 29 18.35	+39 29 04.9		349
C/2003 K4	2004 05 24.77579	19 29 18.20	+39 29 05.9		349
C/2003 K4	2004 05 24.99977	19 28 42.18	+39 34 25.7	13.6 N	204
C/2003 K4	2004 05 25.00126	19 28 41.98	+39 34 28.2		204
C/2003 K4	2004 05 25.00334	19 28 41.62	+39 34 31.5		204
C/2003 K4	2004 05 25.00494	19 28 41.39	+39 34 33.3		204
C/2003 K4	2004 05 25.00692	19 28 41.06	+39 34 36.2	13.5 N	204
C/2003 K4	2004 05 25.88341	19 26 16.07	+39 55 35.0	12.0 N	235
C/2003 K4	2004 05 28.04600	19 19 52.70	+40 47 04.5	12.1 N	A32
C/2003 K4	2004 05 28.04713	19 19 52.49	+40 47 06.2	12.1 N	A32
C/2003 K4	2004 05 28.04825	19 19 52.26	+40 47 07.8	12.1 N	A32
C/2003 K4	2004 05 28.04939	19 19 52.04	+40 47 09.4	12.0 N	A32
C/2003 K4	2004 05 28.70770	19 17 48.13	+41 02 45.2		349
C/2003 K4	2004 05 28.70853	19 17 47.97	+41 02 46.4		349
C/2003 K4	2004 05 28.71102	19 17 47.48	+41 02 49.8		349
C/2003 K4	2004 05 28.71184	19 17 47.33	+41 02 51.1	10.3 T	349
C/2003 K4	2004 05 29.03727	19 16 44.82	+41 10 30.1	12.3 N	A32
C/2003 K4	2004 05 29.03953	19 16 44.37	+41 10 33.4	12.4 N	A32
C/2003 K4	2004 05 29.04178	19 16 43.94	+41 10 36.5	12.4 N	A32
C/2003 K4	2004 05 29.04404	19 16 43.49	+41 10 39.7	12.4 N	A32
C/2003 K4	2004 05 29.04630	19 16 43.06	+41 10 43.0	12.3 N	A32
C/2003 K4	2004 05 30.90133	19 10 29.49	+41 54 02.9		A46
C/2003 K4	2004 05 30.90231	19 10 29.32	+41 54 04.6		A46
C/2003 K4	2004 05 30.90527	19 10 28.70	+41 54 08.4		A46
C/2003 K4	2004 05 30.90625	19 10 28.49	+41 54 09.8		A46
C/2003 K4	2004 05 30.90725	19 10 28.26	+41 54 11.3		A46
C/2003 K4	2004 05 30.90822	19 10 28.05	+41 54 12.4		A46

C/2003 K4	2004 06 01.62646	19 04 15.30	+42 33 32.4		349	C/2003 K4	2004 06 12.73053	18 12 53.19	+46 05 32.1	10.1 T	D70
C/2003 K4	2004 06 01.62729	19 04 15.11	+42 33 33.7		349	C/2003 K4	2004 06 12.89545	18 11 58.95	+46 07 47.3	11.8 N	213
C/2003 K4	2004 06 01.62979	19 04 14.55	+42 33 37.1		349	C/2003 K4	2004 06 12.89696	18 11 58.45	+46 07 48.4	11.8 N	213
C/2003 K4	2004 06 01.63063	19 04 14.37	+42 33 38.2	10.2 T	349	C/2003 K4	2004 06 12.89721	18 11 58.37	+46 07 48.8	11.8 N	213
C/2003 K4	2004 06 02.03183	19 02 43.41	+42 42 39.1	12.1 N	A32	C/2003 K4	2004 06 12.90267	18 11 56.50	+46 07 53.4	12.1 N	J76
C/2003 K4	2004 06 02.03409	19 02 42.90	+42 42 42.2	12.1 N	A32	C/2003 K4	2004 06 12.90350	18 11 56.22	+46 07 53.9	12.1 N	J76
C/2003 K4	2004 06 02.03634	19 02 42.38	+42 42 45.1	12.1 N	A32	C/2003 K4	2004 06 12.90432	18 11 55.96	+46 07 54.4	12.0 N	J76
C/2003 K4	2004 06 02.03860	19 02 41.85	+42 42 48.1	12.1 N	A32	C/2003 K4	2004 06 12.92575	18 11 48.77	+46 08 12.2	11.9 N	442
C/2003 K4	2004 06 03.62057	18 56 29.27	+43 17 47.0	10.5 T	355	C/2003 K4	2004 06 12.92633	18 11 48.64	+46 08 12.8	12.0 N	442
C/2003 K4	2004 06 03.62238	18 56 28.84	+43 17 49.3		355	C/2003 K4	2004 06 12.92690	18 11 48.51	+46 08 13.4	12.0 N	442
C/2003 K4	2004 06 03.62330	18 56 28.60	+43 17 50.5		355	C/2003 K4	2004 06 12.92790	18 11 48.09	+46 08 14.0	12.0 N	442
C/2003 K4	2004 06 03.62409	18 56 28.42	+43 17 51.6		355	C/2003 K4	2004 06 12.92905	18 11 47.92	+46 08 15.4	12.0 N	442
C/2003 K4	2004 06 03.67080	18 56 16.93	+43 18 52.7		349	C/2003 K4	2004 06 12.95479	18 11 39.13	+46 08 36.4	12.4 N	A06
C/2003 K4	2004 06 03.67163	18 56 16.73	+43 18 53.8		349	C/2003 K4	2004 06 12.95620	18 11 38.60	+46 08 37.8	12.5 N	A06
C/2003 K4	2004 06 03.67343	18 56 16.29	+43 18 56.2		349	C/2003 K4	2004 06 13.00057	18 11 23.65	+46 09 14.4	12.5 N	A06
C/2003 K4	2004 06 03.67402	18 56 16.15	+43 18 57.0	9.9 T	349	C/2003 K4	2004 06 13.00397	18 11 22.44	+46 09 17.1	12.6 N	A06
C/2003 K4	2004 06 04.60576	18 52 25.35	+43 38 56.4	10.5 T	355	C/2003 K4	2004 06 13.00573	18 11 21.93	+46 09 18.5	12.5 N	A06
C/2003 K4	2004 06 04.60681	18 52 25.09	+43 38 57.8		355	C/2003 K4	2004 06 13.00749	18 11 21.36	+46 09 20.0	12.4 N	A06
C/2003 K4	2004 06 04.60863	18 52 24.61	+43 39 00.0		355	C/2003 K4	2004 06 13.00925	18 11 20.79	+46 09 21.6	12.3 N	A06
C/2003 K4	2004 06 04.60951	18 52 24.40	+43 39 01.0		355	C/2003 K4	2004 06 13.02550	18 11 15.22	+46 09 33.5	12.0 N	A32
C/2003 K4	2004 06 05.58583	18 48 13.47	+43 59 27.0	10.5 T	355	C/2003 K4	2004 06 13.02775	18 11 14.44	+46 09 35.6	12.0 N	A32
C/2003 K4	2004 06 05.58667	18 48 13.25	+43 59 28.0		355	C/2003 K4	2004 06 13.02888	18 11 14.10	+46 09 36.4	11.9 N	A32
C/2003 K4	2004 06 05.58748	18 48 13.02	+43 59 28.9		355	C/2003 K4	2004 06 13.05603	18 11 05.01	+46 09 59.4	11.5 N	A02
C/2003 K4	2004 06 05.58911	18 48 12.61	+43 59 30.9		355	C/2003 K4	2004 06 13.05641	18 11 04.87	+46 09 59.6	11.5 N	A02
C/2003 K4	2004 06 06.96997	18 42 01.83	+44 27 20.4		127	C/2003 K4	2004 06 13.05678	18 11 04.73	+46 09 59.9	11.5 N	A02
C/2003 K4	2004 06 06.97285	18 42 01.00	+44 27 23.8		127	C/2003 K4	2004 06 13.52846	18 08 26.43	+46 16 12.8	12.6 N	379
C/2003 K4	2004 06 06.97650	18 42 00.01	+44 27 28.3		127	C/2003 K4	2004 06 13.52961	18 08 26.02	+46 16 14.1	12.5 N	379
C/2003 K4	2004 06 06.98000	18 41 59.02	+44 27 32.4		127	C/2003 K4	2004 06 13.53075	18 08 25.68	+46 16 15.3	12.3 N	379
C/2003 K4	2004 06 06.98377	18 41 57.98	+44 27 36.9		127	C/2003 K4	2004 06 13.53304	18 08 24.87	+46 16 17.1	12.3 N	379
C/2003 K4	2004 06 07.96657	18 37 22.62	+44 46 33.4		127	C/2003 K4	2004 06 13.53655	18 08 23.61	+46 16 19.2	12.6 N	379
C/2003 K4	2004 06 07.97028	18 37 21.54	+44 46 37.8		127	C/2003 K4	2004 06 13.65523	18 07 43.12	+46 17 51.8		900
C/2003 K4	2004 06 07.97396	18 37 20.50	+44 46 42.0		127	C/2003 K4	2004 06 13.66164	18 07 40.93	+46 17 56.5		360
C/2003 K4	2004 06 07.97759	18 37 19.45	+44 46 46.2		127	C/2003 K4	2004 06 13.66400	18 07 40.11	+46 17 58.2		360
C/2003 K4	2004 06 07.98130	18 37 18.40	+44 46 50.3		127	C/2003 K4	2004 06 13.66878	18 07 38.48	+46 18 02.0		900
C/2003 K4	2004 06 07.98384	18 37 17.58	+44 46 53.0		048	C/2003 K4	2004 06 13.90744	18 06 17.27	+46 20 58.4	12.8 N	A54
C/2003 K4	2004 06 07.98466	18 37 17.34	+44 46 53.8		048	C/2003 K4	2004 06 13.91781	18 06 13.72	+46 21 07.3	12.5 N	A54
C/2003 K4	2004 06 07.98588	18 37 17.01	+44 46 55.3		048	C/2003 K4	2004 06 13.92080	18 06 12.66	+46 21 09.9		A46
C/2003 K4	2004 06 07.98669	18 37 16.76	+44 46 56.1		048	C/2003 K4	2004 06 13.92177	18 06 12.30	+46 21 10.6		A46
C/2003 K4	2004 06 07.98751	18 37 16.54	+44 46 57.1		048	C/2003 K4	2004 06 13.92365	18 06 11.63	+46 21 12.0		A46
C/2003 K4	2004 06 11.89146	18 17 28.25	+45 53 24.1		108	C/2003 K4	2004 06 13.92462	18 06 11.32	+46 21 12.7		A46
C/2003 K4	2004 06 11.89804	18 17 26.14	+45 53 30.2		108	C/2003 K4	2004 06 13.92655	18 06 10.66	+46 21 14.2		A46
C/2003 K4	2004 06 11.90444	18 17 24.06	+45 53 36.0		108	C/2003 K4	2004 06 13.92752	18 06 10.29	+46 21 14.8		A46
C/2003 K4	2004 06 11.90671	18 17 23.32	+45 53 37.9		108	C/2003 K4	2004 06 13.93721	18 06 07.18	+46 21 22.7	11.7 N	213
C/2003 K4	2004 06 11.98726	18 16 57.08	+45 54 49.0	11.8 N	A32	C/2003 K4	2004 06 13.93907	18 06 06.54	+46 21 24.0	11.7 N	213
C/2003 K4	2004 06 11.98950	18 16 56.34	+45 54 51.0	11.8 N	A32	C/2003 K4	2004 06 13.94057	18 06 06.01	+46 21 25.3	11.7 N	213
C/2003 K4	2004 06 11.99175	18 16 55.60	+45 54 53.0	11.9 N	A32	C/2003 K4	2004 06 14.00707	18 05 43.01	+46 22 14.4	11.8 N	945
C/2003 K4	2004 06 11.99399	18 16 54.88	+45 54 55.1	11.8 N	A32	C/2003 K4	2004 06 14.00904	18 05 42.33	+46 22 15.8	11.8 N	945
C/2003 K4	2004 06 11.99624	18 16 54.14	+45 54 57.0	11.8 N	A32	C/2003 K4	2004 06 14.01043	18 05 41.85	+46 22 16.8	11.8 N	945
C/2003 K4	2004 06 12.09106	18 16 23.42	+45 56 21.3	11.7 N	A01	C/2003 K4	2004 06 14.01204	18 05 41.29	+46 22 18.0	11.8 N	945
C/2003 K4	2004 06 12.09334	18 16 22.68	+45 56 23.4	11.8 N	A01	C/2003 K4	2004 06 14.01384	18 05 40.66	+46 22 19.3	11.8 N	945
C/2003 K4	2004 06 12.09637	18 16 21.69	+45 56 26.1	11.8 N	A01	C/2003 K4	2004 06 14.55316	18 02 34.63	+46 28 42.6	12.7 N	379
C/2003 K4	2004 06 12.72618	18 12 54.65	+46 05 28.5		D70	C/2003 K4	2004 06 14.56304	18 02 31.17	+46 28 50.1	12.4 N	379
C/2003 K4	2004 06 12.72969	18 12 53.48	+46 05 31.3		D70	C/2003 K4	2004 06 14.56523	18 02 30.39	+46 28 51.4	12.4 N	379

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C/2003 K4	2004 06 14.58686	18 02 22.83	+46 29 05.8	12.5 N	379
C/2003 K4	2004 06 14.58916	18 02 22.01	+46 29 07.9	12.5 N	379
C/2003 K4	2004 06 14.59676	18 02 19.36	+46 29 12.6	12.4 N	379
C/2003 K4	2004 06 14.60512	18 02 16.46	+46 29 18.7	12.5 N	379
C/2003 K4	2004 06 14.60590	18 02 16.11	+46 29 19.2	12.5 N	379
C/2003 K4	2004 06 15.05853	17 59 37.53	+46 34 19.2	12.4 N	J93
C/2003 K4	2004 06 15.05928	17 59 37.29	+46 34 19.4	12.3 N	J93
C/2003 K4	2004 06 15.06002	17 59 37.10	+46 34 19.7	12.4 N	J93
C/2003 K4	2004 06 15.55113	17 56 43.32	+46 39 25.3	12.8 N	379
C/2003 K4	2004 06 15.55263	17 56 42.80	+46 39 26.6	12.8 N	379
C/2003 K4	2004 06 15.55412	17 56 42.27	+46 39 27.2	12.9 N	379
C/2003 K4	2004 06 15.55860	17 56 40.68	+46 39 29.8	12.7 N	379
C/2003 K4	2004 06 15.56157	17 56 39.53	+46 39 32.0	12.7 N	379
C/2003 K4	2004 06 15.56272	17 56 39.20	+46 39 32.3	12.7 N	379
C/2003 K4	2004 06 15.56387	17 56 38.71	+46 39 33.7	12.7 N	379
C/2003 K4	2004 06 15.56616	17 56 37.95	+46 39 34.6	12.8 N	379
C/2003 K4	2004 06 15.86119	17 54 52.70	+46 42 25.9	12.9 T	619
C/2003 K4	2004 06 15.86203	17 54 52.27	+46 42 26.5	12.7 T	619
C/2003 K4	2004 06 15.86286	17 54 51.96	+46 42 26.8	12.7 T	619
C/2003 K4	2004 06 15.87828	17 54 46.41	+46 42 36.6	11.8 N	442
C/2003 K4	2004 06 15.87864	17 54 46.25	+46 42 36.2	11.8 N	442
C/2003 K4	2004 06 15.87899	17 54 46.15	+46 42 36.2	11.8 N	442
C/2003 K4	2004 06 16.99542	17 48 00.20	+46 52 13.2	12.4 N	J93
C/2003 K4	2004 06 16.99616	17 47 59.95	+46 52 13.3	12.2 N	J93
C/2003 K4	2004 06 16.99690	17 47 59.68	+46 52 13.7	12.3 N	J93
C/2003 K4	2004 06 16.99764	17 47 59.41	+46 52 14.0	12.4 N	J93
C/2003 K4	2004 06 17.49834	17 44 54.55	+46 55 54.1	11.8 N	379
C/2003 K4	2004 06 17.50396	17 44 52.47	+46 55 56.2	12.0 N	379
C/2003 K4	2004 06 17.50545	17 44 51.88	+46 55 56.3	12.1 N	379
C/2003 K4	2004 06 17.51142	17 44 49.75	+46 55 59.2	12.1 N	379
C/2003 K4	2004 06 17.87595	17 42 33.82	+46 58 21.5	12.3 N	442
C/2003 K4	2004 06 17.87631	17 42 33.65	+46 58 21.6	12.3 N	442
C/2003 K4	2004 06 17.87695	17 42 33.44	+46 58 22.2	12.3 N	442
C/2003 K4	2004 06 17.87886	17 42 32.76	+46 58 23.2	12.3 N	442
C/2003 K4	2004 06 17.88089	17 42 32.04	+46 58 22.9	12.3 N	442
C/2003 K4	2004 06 17.89158	17 42 27.93	+46 58 28.9	11.8 N	235
C/2003 K4	2004 06 17.92367	17 42 15.89	+46 58 40.4	12.2 N	939
C/2003 K4	2004 06 17.92831	17 42 14.15	+46 58 42.1	12.2 N	939
C/2003 K4	2004 06 17.93294	17 42 12.40	+46 58 43.8	12.1 N	939
C/2003 K4	2004 06 17.93552	17 42 11.38	+46 58 44.4	11.7 T	A41
C/2003 K4	2004 06 17.95483	17 42 04.12	+46 58 51.3	11.7 T	A41
C/2003 K4	2004 06 17.97372	17 41 57.01	+46 58 58.1	11.7 T	A41
C/2003 K4	2004 06 18.02936	17 41 35.80	+46 59 18.7	12.3 N	945
C/2003 K4	2004 06 18.03337	17 41 34.27	+46 59 20.2	12.3 N	945
C/2003 K4	2004 06 18.03612	17 41 33.23	+46 59 21.4	12.3 N	945
C/2003 K4	2004 06 18.03814	17 41 32.52	+46 59 20.6	13.5 N	461
C/2003 K4	2004 06 18.03891	17 41 32.18	+46 59 22.4	12.3 N	945
C/2003 K4	2004 06 18.03896	17 41 32.21	+46 59 21.1		461
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C/2003 K4	2004 06 18.31775	17 39 47.39	+47 00 57.7	12.0 N	H41
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C/2003 K4	2004 06 18.31923	17 39 46.83	+47 00 58.1	12.2 N	H41
C/2003 K4	2004 06 18.31992	17 39 46.57	+47 00 58.5	12.1 N	H41
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C/2003 K4	2004 06 18.54536	17 38 21.70	+47 02 09.3	12.1 N	379
C/2003 K4	2004 06 18.54830	17 38 20.65	+47 02 10.1	12.1 N	379
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C/2003 K4	2004 06 18.94086	17 35 51.44	+47 04 01.1	12.2 N	213
C/2003 K4	2004 06 18.94155	17 35 51.17	+47 04 01.2	12.2 N	213
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C/2003 K4	2004 06 18.96251	17 35 43.39	+47 04 07.1	12.3 N	A01
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C/2003 K4	2004 06 20.21778	17 27 39.72	+47 08 07.3		H72
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C/2003 K4	2004 06 20.97282	17 22 44.81	+47 09 02.1	12.2 N	A32
C/2003 K4	2004 06 20.97507	17 22 43.92	+47 09 02.2	12.1 N	A32
C/2003 K4	2004 06 20.97731	17 22 43.03	+47 09 02.2	12.1 N	A32
C/2003 K4	2004 06 20.97957	17 22 42.14	+47 09 02.3	12.1 N	A32
C/2003 K4	2004 06 21.87662	17 16 48.71	+47 08 45.2	12.1 N	442
C/2003 K4	2004 06 21.87699	17 16 48.56	+47 08 45.1	12.1 N	442
C/2003 K4	2004 06 21.87739	17 16 48.42	+47 08 44.8	12.1 N	442
C/2003 K4	2004 06 21.88150	17 16 46.78	+47 08 45.4	11.7 N	213
C/2003 K4	2004 06 21.88399	17 16 45.73	+47 08 45.0	11.8 N	213
C/2003 K4	2004 06 21.88465	17 16 45.47	+47 08 44.8	11.8 N	213
C/2003 K4	2004 06 21.95634	17 16 16.90	+47 08 39.0	12.0 N	J93
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C/2003 K4	2004 06 21.95749	17 16 16.44	+47 08 38.5	12.1 N	J93
C/2003 K4	2004 06 21.95823	17 16 16.15	+47 08 38.4	12.1 N	J93
C/2003 K4	2004 06 21.97961	17 16 07.47	+47 08 36.6		A46
C/2003 K4	2004 06 21.98132	17 16 06.75	+47 08 36.4		A46
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C/2003 K4	2004 06 21.98632	17 16 04.72	+47 08 35.9		A46
C/2003 K4	2004 06 21.98804	17 16 04.03	+47 08 36.2		A46
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C/2003 K4	2004 06 22.48933	17 12 45.27	+47 07 38.9	11.9 N	379
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C/2003 K4	2004 06 25.02244	16 55 47.14	+46 54 54.2		461
C/2003 K4	2004 06 25.02405	16 55 46.47	+46 54 53.5		461
C/2003 K4	2004 06 25.02568	16 55 45.80	+46 54 52.6		461
C/2003 K4	2004 06 25.02729	16 55 45.18	+46 54 52.0		461
C/2003 K4	2004 06 25.02890	16 55 44.50	+46 54 51.1		461
C/2003 K4	2004 06 25.03052	16 55 43.86	+46 54 50.4		461
C/2003 K4	2004 06 25.88281	16 49 59.82	+46 47 35.3	11.7 N	213
C/2003 K4	2004 06 25.88333	16 49 59.69	+46 47 34.8	11.8 N	442
C/2003 K4	2004 06 25.88378	16 49 59.43	+46 47 34.8	11.7 N	213
C/2003 K4	2004 06 25.88416	16 49 59.27	+46 47 34.5	11.7 N	213
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C/2003 K4	2004 06 25.89744	16 49 53.87	+46 47 27.2	12.6 N	A06
C/2003 K4	2004 06 25.89888	16 49 53.26	+46 47 26.7	12.6 N	A06
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C/2003 K4	2004 06 26.88678	16 43 13.80	+46 37 03.5		048
C/2003 K4	2004 06 26.88741	16 43 13.62	+46 37 03.3	12.4 N	130
C/2003 K4	2004 06 26.88818	16 43 13.31	+46 37 02.8	12.5 N	130
C/2003 K4	2004 06 26.88896	16 43 12.99	+46 37 02.2	12.4 N	130
C/2003 K4	2004 06 26.89082	16 43 12.16	+46 37 01.2		048
C/2003 K4	2004 06 26.89111	16 43 12.03	+46 37 00.6		048

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C/2003 K4	2004 06 26.92066	16 42 59.96	+46 36 40.2		A46
C/2003 K4	2004 06 26.92259	16 42 59.13	+46 36 38.7		A46
C/2003 K4	2004 06 26.92453	16 42 58.40	+46 36 37.1		A46
C/2003 K4	2004 06 26.92646	16 42 57.58	+46 36 36.2		A46
C/2003 K4	2004 06 26.92839	16 42 56.80	+46 36 34.7		A46
C/2003 K4	2004 06 26.93638	16 42 53.72	+46 36 30.0	12.7 N	A06
C/2003 K4	2004 06 26.93899	16 42 52.65	+46 36 28.4	11.5 N	939
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C/2003 K4	2004 06 26.94597	16 42 49.86	+46 36 23.5	12.8 N	A06
C/2003 K4	2004 06 26.98174	16 42 35.20	+46 35 57.1	13.7 N	A54
C/2003 K4	2004 06 26.98201	16 42 35.12	+46 35 56.1	12.6 N	A54
C/2003 K4	2004 06 26.98372	16 42 34.43	+46 35 55.4	12.7 N	A54
C/2003 K4	2004 06 26.98427	16 42 34.20	+46 35 55.1	12.5 N	A54
C/2003 K4	2004 06 27.51584	16 39 00.02	+46 29 25.1	12.4 N	379
C/2003 K4	2004 06 27.51744	16 38 59.32	+46 29 23.9	12.3 N	379
C/2003 K4	2004 06 27.51824	16 38 59.03	+46 29 23.7	12.3 N	379
C/2003 K4	2004 06 27.51984	16 38 58.41	+46 29 22.1	12.3 N	379
C/2003 K4	2004 06 27.52355	16 38 56.85	+46 29 19.1	12.5 N	379
C/2003 K4	2004 06 27.52470	16 38 56.37	+46 29 18.4	12.6 N	379
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C/2003 K4	2004 06 27.84980	16 36 45.56	+46 24 59.9	11.6 N	213
C/2003 K4	2004 06 27.85054	16 36 45.27	+46 24 59.3	11.6 N	213
C/2003 K4	2004 06 27.85132	16 36 44.93	+46 24 58.6	11.6 N	213
C/2003 K4	2004 06 27.86607	16 36 39.27	+46 24 45.4	11.7 N	442
C/2003 K4	2004 06 27.86734	16 36 38.60	+46 24 44.8	11.7 N	442
C/2003 K4	2004 06 27.87292	16 36 36.12	+46 24 41.3		620
C/2003 K4	2004 06 27.87391	16 36 35.73	+46 24 40.5		620
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C/2003 K4	2004 06 27.87855	16 36 33.91	+46 24 36.8	11.6 N	442
C/2003 K4	2004 06 27.88544	16 36 32.12	+46 24 39.4	11.7 N	442
C/2003 K4	2004 06 27.88935	16 36 29.60	+46 24 28.4	11.7 N	442
C/2003 K4	2004 06 28.96007	16 29 19.42	+46 08 40.0	11.9 N	A32
C/2003 K4	2004 06 28.96231	16 29 18.50	+46 08 37.9	11.9 N	A32
C/2003 K4	2004 06 28.96456	16 29 17.59	+46 08 35.8	11.9 N	A32
C/2003 K4	2004 06 28.96681	16 29 16.68	+46 08 33.6	11.9 N	A32
C/2003 K4	2004 06 28.96905	16 29 15.77	+46 08 31.4	11.9 N	A32
C/2003 K4	2004 06 29.87787	16 23 13.81	+45 53 17.1	11.8 N	442
C/2003 K4	2004 06 29.87850	16 23 13.29	+45 53 15.4	11.8 N	442
C/2003 K4	2004 06 29.87930	16 23 13.87	+45 53 10.8	11.8 N	442
C/2003 K4	2004 06 29.87956	16 23 13.79	+45 53 09.4	11.8 N	442
C/2003 K4	2004 06 29.88009	16 23 13.61	+45 53 09.2	11.8 N	442
C/2003 K4	2004 06 29.90676	16 23 01.92	+45 52 46.4		A46
C/2003 K4	2004 06 29.90852	16 23 01.37	+45 52 44.1	11.9 N	A32
C/2003 K4	2004 06 29.90870	16 23 01.14	+45 52 44.2		A46
C/2003 K4	2004 06 29.91064	16 23 00.36	+45 52 42.2		A46
C/2003 K4	2004 06 29.91258	16 22 59.63	+45 52 40.3		A46
C/2003 K4	2004 06 29.91304	16 22 59.59	+45 52 39.3	11.8 N	A32
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C/2003 K4	2004 06 29.91647	16 22 58.07	+45 52 36.0		A46

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C/2003 K4	2004 06 30.50694	16 19 04.52	+45 41 46.7	12.4 N	379
C/2003 K4	2004 06 30.50934	16 19 03.57	+45 41 44.1	12.6 N	379
C/2003 K4	2004 06 30.51014	16 19 03.31	+45 41 43.2	12.5 N	379
C/2003 K4	2004 06 30.51253	16 19 02.32	+45 41 40.3	12.6 N	379
C/2003 K4	2004 06 30.85391	16 16 48.00	+45 35 03.3	11.1 N	235
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C/2003 K4	2004 07 01.51826	16 12 27.65	+45 21 35.6	12.0 N	379
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C/2003 K4	2004 07 03.87004	15 57 25.58	+44 27 04.7	12.3 N	A06
C/2003 K4	2004 07 03.87217	15 57 24.79	+44 27 01.4	12.4 N	A06
C/2003 K4	2004 07 03.88617	15 57 19.42	+44 26 40.0	12.1 N	A06
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C/2003 K4	2004 07 03.92455	15 57 04.89	+44 25 41.7	11.5 N	939
C/2003 K4	2004 07 03.92780	15 57 03.65	+44 25 36.7	11.4 N	939
C/2003 K4	2004 07 03.99692	15 56 37.50	+44 23 49.1	12.7 N	130
C/2003 K4	2004 07 03.99774	15 56 37.20	+44 23 48.6	12.8 N	130
C/2003 K4	2004 07 03.99896	15 56 36.75	+44 23 46.5	12.7 N	130
C/2003 K4	2004 07 04.92209	15 50 53.20	+43 59 26.8	11.5 N	939
C/2003 K4	2004 07 04.92535	15 50 51.97	+43 59 21.4	11.5 N	939
C/2003 K4	2004 07 04.92859	15 50 50.78	+43 59 16.2	11.5 N	939
C/2003 K4	2004 07 05.91190	15 44 51.56	+43 31 42.8	11.7 N	A32
C/2003 K4	2004 07 05.91414	15 44 50.74	+43 31 38.9	11.8 N	A32
C/2003 K4	2004 07 05.91640	15 44 49.91	+43 31 35.0	11.8 N	A32
C/2003 K4	2004 07 05.91865	15 44 49.10	+43 31 31.1	11.8 N	A32
C/2003 K4	2004 07 05.92089	15 44 48.28	+43 31 27.2	11.8 N	A32
C/2003 K4	2004 07 06.45259	15 41 37.38	+43 15 56.5	11.9 N	379
C/2003 K4	2004 07 06.45419	15 41 36.81	+43 15 54.0	11.8 N	379
C/2003 K4	2004 07 06.45579	15 41 36.16	+43 15 50.3	12.1 N	379
C/2003 K4	2004 07 06.46448	15 41 33.12	+43 15 35.3	12.2 N	379
C/2003 K4	2004 07 06.46677	15 41 32.26	+43 15 31.1	12.2 N	379
C/2003 K4	2004 07 06.86102	15 39 11.96	+43 03 39.5		048
C/2003 K4	2004 07 06.86310	15 39 11.22	+43 03 35.9		048
C/2003 K4	2004 07 06.86519	15 39 10.47	+43 03 31.9		048
C/2003 K4	2004 07 06.86727	15 39 09.67	+43 03 28.3		048
C/2003 K4	2004 07 06.86935	15 39 08.94	+43 03 24.4		048
C/2003 K4	2004 07 06.90802	15 38 55.23	+43 02 14.4	11.9 N	A32

C/2003 K4	2004 07 06.91028	15 38 54.42	+43 02 10.1	11.9 N	A32
C/2003 K4	2004 07 06.91252	15 38 53.62	+43 02 05.7	11.8 N	A32
C/2003 K4	2004 07 06.91478	15 38 52.82	+43 02 01.7	11.9 N	A32
C/2003 K4	2004 07 06.91703	15 38 52.02	+43 01 57.5	11.9 N	A32
C/2003 K4	2004 07 06.92265	15 38 49.85	+43 01 46.8		A46
C/2003 K4	2004 07 06.92458	15 38 49.17	+43 01 43.3		A46
C/2003 K4	2004 07 06.92652	15 38 48.51	+43 01 40.0		A46
C/2003 K4	2004 07 06.92848	15 38 47.77	+43 01 36.2		A46
C/2003 K4	2004 07 06.93042	15 38 47.11	+43 01 32.6		A46
C/2003 K4	2004 07 06.93236	15 38 46.44	+43 01 29.0		A46
C/2003 K4	2004 07 07.84558	15 33 27.33	+42 33 08.0	11.8 N	213
C/2003 K4	2004 07 07.84606	15 33 27.18	+42 33 07.0	11.8 N	213
C/2003 K4	2004 07 07.84656	15 33 27.02	+42 33 06.0	11.8 N	213
C/2003 K4	2004 07 07.85867	15 33 22.73	+42 32 42.4	12.5 N	A30
C/2003 K4	2004 07 07.86344	15 33 21.07	+42 32 33.4	12.2 N	A30
C/2003 K4	2004 07 07.86629	15 33 19.67	+42 32 34.2	11.7 N	442
C/2003 K4	2004 07 07.86676	15 33 19.91	+42 32 27.0	12.1 N	A30
C/2003 K4	2004 07 07.86902	15 33 19.26	+42 32 23.6	11.7 N	442
C/2003 K4	2004 07 07.86904	15 33 19.11	+42 32 22.6	12.2 N	A30
C/2003 K4	2004 07 07.87100	15 33 18.43	+42 32 18.8	12.3 N	A30
C/2003 K4	2004 07 07.87218	15 33 18.24	+42 32 16.8	11.7 N	442
C/2003 K4	2004 07 07.90038	15 33 08.31	+42 31 23.8	11.8 N	J97
C/2003 K4	2004 07 07.90186	15 33 07.80	+42 31 21.1	11.8 N	J97
C/2003 K4	2004 07 07.90301	15 33 07.24	+42 31 19.0	11.8 N	J97
C/2003 K4	2004 07 08.00545	15 32 31.78	+42 28 01.0	11.6 N	939
C/2003 K4	2004 07 08.00720	15 32 31.18	+42 27 57.8	11.6 N	939
C/2003 K4	2004 07 08.00890	15 32 30.57	+42 27 54.8	11.6 N	939
C/2003 K4	2004 07 08.87056	15 27 37.31	+41 59 51.5	11.8 N	J97
C/2003 K4	2004 07 08.87168	15 27 36.94	+41 59 49.8	11.7 N	442
C/2003 K4	2004 07 08.87222	15 27 36.83	+41 59 48.9	11.8 N	442
C/2003 K4	2004 07 08.87306	15 27 36.45	+41 59 46.6	11.7 N	J97
C/2003 K4	2004 07 08.87423	15 27 36.19	+41 59 44.6	11.8 N	442
C/2003 K4	2004 07 08.87497	15 27 35.80	+41 59 42.7	11.8 N	213
C/2003 K4	2004 07 08.87534	15 27 35.64	+41 59 42.6	11.8 N	442
C/2003 K4	2004 07 08.87567	15 27 35.58	+41 59 41.3	11.8 N	213
C/2003 K4	2004 07 08.87584	15 27 35.53	+41 59 42.9	11.7 N	442
C/2003 K4	2004 07 08.87674	15 27 35.14	+41 59 42.5	11.8 N	442
C/2003 K4	2004 07 08.87739	15 27 34.99	+41 59 40.2	11.8 N	442
C/2003 K4	2004 07 08.92987	15 27 17.15	+41 57 52.8	11.6 N	939
C/2003 K4	2004 07 08.93312	15 27 16.05	+41 57 46.3	11.6 N	939
C/2003 K4	2004 07 08.93639	15 27 14.95	+41 57 39.8	11.6 N	939
C/2003 K4	2004 07 09.86484	15 22 06.62	+41 26 14.2	11.6 N	235

C/2003 O1 (LINEAR)

C/2003 O1	2004 06 13.64756	17 39 39.80	+46 41 51.4	17.5 T	360
C/2003 O1	2004 06 13.65299	17 39 39.36	+46 41 51.6		360
C/2003 O1	2004 06 17.90703	17 33 54.66	+46 44 55.2	17.2 N	442
C/2003 O1	2004 06 17.90858	17 33 54.35	+46 44 57.5	17.2 N	442
C/2003 O1	2004 06 26.32899	17 22 38.46	+46 40 03.7	18.6 T	704
C/2003 O1	2004 06 26.33879	17 22 37.74	+46 40 02.6	18.8 T	704
C/2003 O1	2004 06 26.34859	17 22 36.85	+46 40 01.4	19.0 T	704
C/2003 O1	2004 06 26.35841	17 22 36.14	+46 40 01.2	18.9 T	704
C/2003 O1	2004 06 26.36822	17 22 35.39	+46 40 00.0	18.8 T	704

C/2003 O1	2004 06 26.90916	17 21 52.69	+46 39 12.3		048
C/2003 O1	2004 06 26.91245	17 21 52.50	+46 39 11.6		048
C/2003 O1	2004 06 26.94809	17 21 49.60	+46 39 09.5		048
C/2003 O1	2004 06 26.95249	17 21 49.31	+46 39 09.2		048
C/2003 O1	2004 07 01.25475	17 16 13.67	+46 30 50.3	18.5 T	673
C/2003 O1	2004 07 01.25833	17 16 13.43	+46 30 49.3		673
C/2003 O1	2004 07 01.26123	17 16 13.19	+46 30 49.2		673
C/2003 O1	2004 07 01.26331	17 16 13.05	+46 30 48.9		673
C/2003 O1	2004 07 06.87485	17 09 09.90	+46 14 51.0		048
C/2003 O1	2004 07 06.88110	17 09 09.44	+46 14 49.9		048
C/2003 O1	2004 07 06.88523	17 09 09.10	+46 14 48.9		048
C/2003 O1	2004 07 06.89102	17 09 08.69	+46 14 48.6		048
C/2003 O1	2004 07 06.89392	17 09 08.45	+46 14 47.9		048
C/2003 O1	2004 07 07.86192	17 07 57.53	+46 11 28.6		213
C/2003 O1	2004 07 07.86618	17 07 57.18	+46 11 26.7	17.6 N	213
C/2003 O1	2004 07 09.87116	17 05 32.22	+46 04 05.4	17.6 N	213
C/2003 O1	2004 07 09.87537	17 05 31.89	+46 04 04.8	17.6 N	213

C/2003 T3 (Tabur)

C/2003 T3	2004 05 18.09870	02 10 21.57	+40 01 29.9	12.1 N	138
C/2003 T3	2004 05 18.10108	02 10 22.05	+40 01 34.8	12.3 N	138
C/2003 T3	2004 05 18.10338	02 10 22.56	+40 01 39.6	12.5 N	138
C/2003 T3	2004 05 18.10557	02 10 23.01	+40 01 43.8	12.2 N	138
C/2003 T3	2004 06 03.76079	03 16 54.43	+48 27 40.0	10.9 T	349
C/2003 T3	2004 06 03.76139	03 16 54.64	+48 27 41.1		349
C/2003 T3	2004 06 03.76199	03 16 54.80	+48 27 42.1		349
C/2003 T3	2004 06 04.77084	03 21 27.00	+48 53 57.6	11.0 T	349
C/2003 T3	2004 06 04.77144	03 21 27.18	+48 53 58.4		349
C/2003 T3	2004 06 04.77204	03 21 27.36	+48 53 59.5		349
C/2003 T3	2004 06 04.77331	03 21 27.71	+48 54 01.2		349
C/2003 T3	2004 06 13.76553	04 04 23.48	+52 19 26.0	10.8 T	349
C/2003 T3	2004 06 13.76674	04 04 23.83	+52 19 27.4		349
C/2003 T3	2004 06 13.76794	04 04 24.21	+52 19 28.7		349
C/2003 T3	2004 06 13.76853	04 04 24.39	+52 19 29.6		349
C/2003 T3	2004 06 14.77516	04 09 28.22	+52 39 02.0	11.1 T	349
C/2003 T3	2004 06 14.77566	04 09 28.35	+52 39 02.6		349
C/2003 T3	2004 06 14.77616	04 09 28.51	+52 39 03.1		349
C/2003 T3	2004 06 14.79347	04 09 33.82	+52 39 23.8		D70
C/2003 T3	2004 06 14.79446	04 09 34.14	+52 39 24.5	12.3 T	D70
C/2003 T3	2004 06 14.99440	04 10 34.41	+52 43 10.0	12.9 N	J93
C/2003 T3	2004 06 14.99598	04 10 34.92	+52 43 12.1	12.9 N	J93
C/2003 T3	2004 06 14.99755	04 10 35.42	+52 43 13.9	12.8 N	J93
C/2003 T3	2004 06 14.99833	04 10 35.60	+52 43 15.5	12.8 N	J93
C/2003 T3	2004 06 20.11197	04 37 00.91	+54 10 00.6	12.7 N	J76
C/2003 T3	2004 06 20.11293	04 37 01.21	+54 10 01.5	12.7 N	J76
C/2003 T3	2004 06 20.11388	04 37 01.48	+54 10 02.4	12.8 N	J76
C/2003 T3	2004 06 26.04661	05 08 39.80	+55 25 29.2	13.6 N	A18
C/2003 T3	2004 06 26.04880	05 08 40.47	+55 25 30.7	13.8 N	A18
C/2003 T3	2004 06 27.03821	05 14 00.71	+55 35 24.8		048
C/2003 T3	2004 06 27.03861	05 14 00.84	+55 35 25.6		048
C/2003 T3	2004 06 27.03903	05 14 00.98	+55 35 26.0		048
C/2003 T3	2004 06 27.03943	05 14 01.12	+55 35 26.0		048
C/2003 T3	2004 06 27.04028	05 14 01.40	+55 35 26.3		048

C/2003 T3	2004 06 29.96109	05 29 48.50	+56 00 15.8	13.0 N	A32
C/2003 T3	2004 06 29.96561	05 29 49.98	+56 00 17.7	13.0 N	A32
C/2003 T3	2004 06 29.97013	05 29 51.46	+56 00 19.8	13.0 N	A32
C/2003 T3	2004 06 29.97465	05 29 52.92	+56 00 21.7	13.0 N	A32
C/2003 T3	2004 06 29.97917	05 29 54.41	+56 00 23.7	13.0 N	A32
C/2003 T3	2004 07 05.94502	06 01 59.85	+56 31 05.6	13.2 N	A32
C/2003 T3	2004 07 05.94728	06 02 00.58	+56 31 05.9	13.2 N	A32
C/2003 T3	2004 07 05.95067	06 02 01.68	+56 31 06.5	13.1 N	A32
C/2003 T3	2004 07 05.95406	06 02 02.76	+56 31 07.1	13.0 N	A32
C/2003 T3	2004 07 06.99770	06 07 35.85	+56 33 50.6	13.1 N	A32
C/2003 T3	2004 07 07.00108	06 07 36.91	+56 33 51.3	13.0 N	A32
C/2003 T3	2004 07 07.00560	06 07 38.36	+56 33 51.8	13.0 N	A32
C/2003 T3	2004 07 07.01012	06 07 39.80	+56 33 52.6	13.1 N	A32
C/2003 T3	2004 07 07.02721	06 07 45.28	+56 33 54.5		048
C/2003 T3	2004 07 07.02797	06 07 45.53	+56 33 54.6		048
C/2003 T3	2004 07 07.02873	06 07 45.75	+56 33 54.5		048
C/2003 T3	2004 07 07.02948	06 07 46.01	+56 33 54.6		048
C/2003 T3	2004 07 07.03023	06 07 46.24	+56 33 54.7		048

C/2003 T4 (LINEAR)

C/2003 T4	2004 05 28.96778	05 58 44.09	+68 54 00.5	16.4 N	A32
C/2003 T4	2004 05 28.97340	05 58 44.66	+68 54 00.4	16.5 N	A32
C/2003 T4	2004 05 28.98014	05 58 45.47	+68 53 59.6	16.5 N	A32
C/2003 T4	2004 05 28.98575	05 58 46.22	+68 54 00.3	16.0 N	A32
C/2003 T4	2004 06 04.70012	06 11 48.90	+68 49 58.8		349
C/2003 T4	2004 06 04.70318	06 11 49.23	+68 49 58.3		349
C/2003 T4	2004 06 04.70624	06 11 49.59	+68 49 58.1	15.9 T	349
C/2003 T4	2004 06 08.87882	06 20 17.57	+68 48 29.0	16.8 N	442
C/2003 T4	2004 06 08.88014	06 20 17.27	+68 48 30.3	16.8 N	442
C/2003 T4	2004 06 08.88062	06 20 18.49	+68 48 25.6	16.7 N	442
C/2003 T4	2004 06 11.96863	06 26 46.29	+68 47 48.6	16.5 N	A32
C/2003 T4	2004 06 11.97538	06 26 46.90	+68 47 49.6	16.5 N	A32
C/2003 T4	2004 06 12.96538	06 28 53.40	+68 47 40.5	16.4 N	A32
C/2003 T4	2004 06 12.97238	06 28 54.21	+68 47 40.2	16.5 N	A32
C/2003 T4	2004 06 12.97575	06 28 54.78	+68 47 40.3	16.2 N	A32
C/2003 T4	2004 06 13.96197	06 31 01.75	+68 47 35.3	15.7 N	945
C/2003 T4	2004 06 13.96611	06 31 02.23	+68 47 35.0	15.7 N	945
C/2003 T4	2004 06 13.97053	06 31 02.73	+68 47 35.1	15.7 N	945
C/2003 T4	2004 06 13.97362	06 31 03.07	+68 47 35.1	15.7 N	945
C/2003 T4	2004 06 13.97597	06 31 03.51	+68 47 35.3	15.7 N	945
C/2003 T4	2004 06 22.87348	06 50 54.24	+68 48 07.8	16.3 N	442
C/2003 T4	2004 06 23.92123	06 53 18.97	+68 48 25.3	16.2 N	J76
C/2003 T4	2004 06 23.92205	06 53 19.18	+68 48 25.5	16.2 N	J76
C/2003 T4	2004 06 23.92287	06 53 19.31	+68 48 25.9	16.2 N	J76
C/2003 T4	2004 06 25.94697	06 58 03.52	+68 48 55.4	17.0 N	A18
C/2003 T4	2004 06 26.85561	07 00 12.41	+68 49 12.1		213
C/2003 T4	2004 06 26.85797	07 00 12.81	+68 49 11.3		213
C/2003 T4	2004 06 26.86033	07 00 13.29	+68 49 12.0	16.7 N	213
C/2003 T4	2004 06 28.93384	07 05 11.27	+68 49 52.3	16.4 N	A32
C/2003 T4	2004 06 28.93837	07 05 11.98	+68 49 52.7	16.3 N	A32
C/2003 T4	2004 06 28.94288	07 05 12.54	+68 49 52.4	16.2 N	A32
C/2003 T4	2004 07 07.87678	07 27 29.43	+68 53 34.8	16.6 N	J76
C/2003 T4	2004 07 07.87762	07 27 29.58	+68 53 36.7	16.8 N	J76

C/2003 T4	2004 07 07.87926	07 27 29.85	+68 53 37.9	16.6 N	J76
C/2003 T4	2004 07 07.88314	07 27 30.16	+68 53 36.1	16.1 N	442
C/2003 T4	2004 07 07.88361	07 27 31.22	+68 53 35.9	16.1 N	442
C/2003 T4	2004 07 07.88595	07 27 30.98	+68 53 36.8	16.1 N	442
C/2003 T4	2004 07 11.52781	07 37 02.14	+68 55 23.6		D83
C/2003 T4	2004 07 11.53611	07 37 03.56	+68 55 23.4		D83
C/2003 T4	2004 07 11.53789	07 37 03.76	+68 55 22.2	15.6 T	D83

C/2003 Y8 (SOHO)

C/2003 Y8	2003 12 25.28785	18 19 33.0	-25 00 13		249
Geocentric position (AU)	-0.00050210	-0.00789597	-0.00267313		
C/2003 Y8	2003 12 25.31368	18 19 21.3	-24 56 26		249
Geocentric position (AU)	-0.00049388	-0.00789588	-0.00267287		
C/2003 Y8	2003 12 25.32924	18 19 27.6	-24 53 11		249
Geocentric position (AU)	-0.00048893	-0.00789582	-0.00267272		
C/2003 Y8	2003 12 25.37090	18 19 23.4	-24 42 26		249
Geocentric position (AU)	-0.00047566	-0.00789565	-0.00267230		
C/2003 Y8	2003 12 25.39590	18 19 24.4	-24 35 48		249
Geocentric position (AU)	-0.00046770	-0.00789554	-0.00267204		
C/2003 Y8	2003 12 25.42091	18 19 22.4	-24 30 21		249
Geocentric position (AU)	-0.00045973	-0.00789542	-0.00267179		

C/2003 Y9 (SOHO)

C/2003 Y9	2003 12 25.47923	18 20 41.4	-24 46 21		249
Geocentric position (AU)	-0.00044116	-0.00789513	-0.00267118		
C/2003 Y9	2003 12 25.49590	18 20 45.7	-24 43 08		249
Geocentric position (AU)	-0.00043585	-0.00789504	-0.00267101		
C/2003 Y9	2003 12 25.52090	18 20 37.4	-24 37 07		249
Geocentric position (AU)	-0.00042789	-0.00789490	-0.00267075		
C/2003 Y9	2003 12 25.56369	18 20 21.8	-24 25 08		249
Geocentric position (AU)	-0.00041425	-0.00789465	-0.00267029		
C/2003 Y9	2003 12 25.57923	18 20 17.3	-24 22 05		249
Geocentric position (AU)	-0.00040931	-0.00789456	-0.00267013		

C/2003 Y10 (SOHO)

C/2003 Y10	2003 12 26.06371	18 23 30.0	-24 50 29		249
Geocentric position (AU)	-0.00025497	-0.00789051	-0.00266465		
C/2003 Y10	2003 12 26.07923	18 23 27.1	-24 47 10		249
Geocentric position (AU)	-0.00025002	-0.00789035	-0.00266446		
C/2003 Y10	2003 12 26.08756	18 23 26.3	-24 44 41		249
Geocentric position (AU)	-0.00024737	-0.00789026	-0.00266436		
C/2003 Y10	2003 12 26.10423	18 23 22.1	-24 41 08		249
Geocentric position (AU)	-0.00024206	-0.00789008	-0.00266416		
C/2003 Y10	2003 12 26.12090	18 23 17.0	-24 37 05		249
Geocentric position (AU)	-0.00023675	-0.00788990	-0.00266396		
C/2003 Y10	2003 12 26.12923	18 23 15.0	-24 35 06		249
Geocentric position (AU)	-0.00023409	-0.00788981	-0.00266386		
C/2003 Y10	2003 12 26.14592	18 23 14.3	-24 31 08		249
Geocentric position (AU)	-0.00022877	-0.00788962	-0.00266366		
C/2003 Y10	2003 12 26.16256	18 23 07.8	-24 27 05		249
Geocentric position (AU)	-0.00022348	-0.00788943	-0.00266346		
C/2003 Y10	2003 12 26.17090	18 23 05.5	-24 25 06		249
Geocentric position (AU)	-0.00022082	-0.00788934	-0.00266335		

C/2003 Y11 (SOHO)

C/2003 Y11	2003 12 26.31369	18 24 13.7	-24 50 41		249
Geocentric position (AU)	-0.00017534	-0.00788761	-0.00266158		
C/2003 Y11	2003 12 26.32923	18 24 12.7	-24 46 50		249
Geocentric position (AU)	-0.00017038	-0.00788741	-0.00266139		
C/2003 Y11	2003 12 26.33757	18 24 11.0	-24 44 51		249
Geocentric position (AU)	-0.00016773	-0.00788730	-0.00266128		
C/2003 Y11	2003 12 26.35423	18 24 08.0	-24 40 54		249
Geocentric position (AU)	-0.00016242	-0.00788709	-0.00266107		
C/2003 Y11	2003 12 26.37090	18 24 05.9	-24 36 57		249
Geocentric position (AU)	-0.00015711	-0.00788687	-0.00266086		
C/2003 Y11	2003 12 26.37923	18 24 05.0	-24 34 52		249
Geocentric position (AU)	-0.00015446	-0.00788676	-0.00266075		
C/2003 Y11	2003 12 26.39590	18 24 01.6	-24 30 41		249
Geocentric position (AU)	-0.00014915	-0.00788654	-0.00266054		

C/2003 Y12 (SOHO)

C/2003 Y12	2003 12 27.33340	18 28 26.6	-24 45 49		249
Geocentric position (AU)	+0.00014919	-0.00787011	-0.00264745		
C/2003 Y12	2003 12 27.34729	18 28 23.7	-24 42 24		249
Geocentric position (AU)	+0.00015361	-0.00786981	-0.00264724		
C/2003 Y12	2003 12 27.36118	18 28 21.2	-24 38 59		249
Geocentric position (AU)	+0.00015803	-0.00786951	-0.00264703		
C/2003 Y12	2003 12 27.37506	18 28 18.3	-24 35 22		249
Geocentric position (AU)	+0.00016244	-0.00786921	-0.00264682		
C/2003 Y12	2003 12 27.38896	18 28 14.3	-24 31 41		249
Geocentric position (AU)	+0.00016685	-0.00786890	-0.00264661		
C/2003 Y12	2003 12 27.40284	18 28 10.6	-24 28 13		249
Geocentric position (AU)	+0.00017127	-0.00786860	-0.00264639		
C/2003 Y12	2003 12 27.41673	18 28 07.4	-24 24 34		249
Geocentric position (AU)	+0.00017568	-0.00786829	-0.00264618		
C/2003 Y12	2003 12 27.43062	18 28 03.4	-24 20 44		249
Geocentric position (AU)	+0.00018009	-0.00786798	-0.00264597		

C/2003 Y13 (SOHO)

C/2003 Y13	2003 12 27.35076	18 36 31.8	-29 20 45		249
Geocentric position (AU)	+0.00015470	-0.00786974	-0.00264719		
C/2003 Y13	2003 12 27.37020	18 36 30.7	-29 17 35		249
Geocentric position (AU)	+0.00016088	-0.00786931	-0.00264689		
C/2003 Y13	2003 12 27.39244	18 36 36.9	-29 13 52		249
Geocentric position (AU)	+0.00016795	-0.00786883	-0.00264655		
C/2003 Y13	2003 12 27.41187	18 36 38.4	-29 10 38		249
Geocentric position (AU)	+0.00017412	-0.00786840	-0.00264626		
C/2003 Y13	2003 12 27.43414	18 36 42.5	-29 06 49		249
Geocentric position (AU)	+0.00018120	-0.00786790	-0.00264592		
C/2003 Y13	2003 12 27.45354	18 36 40.8	-29 03 45		249
Geocentric position (AU)	+0.00018737	-0.00786746	-0.00264562		
C/2003 Y13	2003 12 27.47578	18 36 46.8	-29 00 08		249
Geocentric position (AU)	+0.00019443	-0.00786696	-0.00264527		
C/2003 Y13	2003 12 27.49520	18 36 48.4	-28 56 38		249
Geocentric position (AU)	+0.00020060	-0.00786651	-0.00264497		
C/2003 Y13	2003 12 27.51743	18 36 51.8	-28 53 03		249
Geocentric position (AU)	+0.00020766	-0.00786600	-0.00264463		

C/2003 Y13	2003 12 27.53687	18 36 51.0	-28 49 49	249
Geocentric position (AU)	+0.00021384	-0.00786555	-0.00264433	
C/2003 Y13	2003 12 27.55910	18 36 55.2	-28 45 40	249
Geocentric position (AU)	+0.00022090	-0.00786503	-0.00264398	
C/2003 Y13	2003 12 27.57854	18 36 57.4	-28 42 21	249
Geocentric position (AU)	+0.00022708	-0.00786457	-0.00264367	
C/2003 Y13	2003 12 27.87021	18 37 21.4	-27 51 58	249
Geocentric position (AU)	+0.00031966	-0.00785732	-0.00263900	
C/2003 Y13	2003 12 27.89243	18 37 23.3	-27 48 06	249
Geocentric position (AU)	+0.00032671	-0.00785674	-0.00263863	
C/2003 Y13	2003 12 27.91187	18 37 23.8	-27 44 43	249
Geocentric position (AU)	+0.00033288	-0.00785623	-0.00263831	
C/2003 Y13	2003 12 27.93409	18 37 25.1	-27 40 44	249
Geocentric position (AU)	+0.00033993	-0.00785564	-0.00263794	
C/2003 Y13	2003 12 27.97585	18 37 28.4	-27 33 02	249
Geocentric position (AU)	+0.00035317	-0.00785452	-0.00263725	
C/2003 Y13	2003 12 27.99520	18 37 29.2	-27 29 33	249
Geocentric position (AU)	+0.00035933	-0.00785399	-0.00263693	
C/2003 Y13	2003 12 28.01743	18 37 28.9	-27 25 48	249
Geocentric position (AU)	+0.00036635	-0.00785339	-0.00263656	
C/2003 Y13	2003 12 28.03687	18 37 30.3	-27 22 13	249
Geocentric position (AU)	+0.00037252	-0.00785286	-0.00263623	
C/2003 Y13	2003 12 28.10076	18 37 31.9	-27 10 32	249
Geocentric position (AU)	+0.00039277	-0.00785109	-0.00263516	
C/2003 Y13	2003 12 28.12022	18 37 33.4	-27 06 57	249
Geocentric position (AU)	+0.00039894	-0.00785054	-0.00263483	
C/2003 Y13	2003 12 28.85076	18 36 19.4	-24 35 57	249
Geocentric position (AU)	+0.00063002	-0.00782777	-0.00262185	
C/2003 Y13	2003 12 28.87022	18 36 12.2	-24 31 14	249
Geocentric position (AU)	+0.00063617	-0.00782711	-0.00262148	
C/2003 Y13	2003 12 28.89242	18 36 04.0	-24 25 25	249
Geocentric position (AU)	+0.00064318	-0.00782634	-0.00262107	
C/2003 Y13	2003 12 28.90286	18 35 58.8	-24 22 37	249
Geocentric position (AU)	+0.00064648	-0.00782598	-0.00262088	
C/2003 Y13	2003 12 28.91187	18 35 55.9	-24 20 49	249
Geocentric position (AU)	+0.00064931	-0.00782567	-0.00262071	
C/2003 Y13	2003 12 28.91673	18 35 52.3	-24 18 53	249
Geocentric position (AU)	+0.00065086	-0.00782550	-0.00262062	
C/2003 Y14 (SOHO)				
C/2003 Y14	2003 12 27.37506	18 29 03.4	-24 44 04	249
Geocentric position (AU)	+0.00016244	-0.00786921	-0.00264682	
C/2003 Y14	2003 12 27.38896	18 28 57.1	-24 40 17	249
Geocentric position (AU)	+0.00016685	-0.00786890	-0.00264661	
C/2003 Y14	2003 12 27.40284	18 28 54.2	-24 37 01	249
Geocentric position (AU)	+0.00017127	-0.00786860	-0.00264639	
C/2003 Y14	2003 12 27.41673	18 28 52.5	-24 33 49	249
Geocentric position (AU)	+0.00017568	-0.00786829	-0.00264618	
C/2003 Y14	2003 12 27.43062	18 28 47.2	-24 29 55	249
Geocentric position (AU)	+0.00018009	-0.00786798	-0.00264597	
C/2003 Y14	2003 12 27.44551	18 28 44.0	-24 26 38	249
Geocentric position (AU)	+0.00018482	-0.00786764	-0.00264574	

C/2003 Y15 (SOHO)				
C/2003 Y15	2003 12 31.87023	18 53 47.3	-25 05 59	249
Geocentric position (AU)	+0.00157285	-0.00768953	-0.00255676	
C/2003 Y15	2003 12 31.89242	18 53 39.1	-25 01 25	249
Geocentric position (AU)	+0.00157969	-0.00768826	-0.00255622	
C/2003 Y15	2003 12 31.91187	18 53 31.6	-24 55 50	249
Geocentric position (AU)	+0.00158568	-0.00768715	-0.00255574	
C/2003 Y15	2003 12 31.93410	18 53 29.1	-24 51 15	249
Geocentric position (AU)	+0.00159253	-0.00768588	-0.00255520	
C/2003 Y15	2003 12 31.97587	18 53 20.8	-24 44 22	249
Geocentric position (AU)	+0.00160539	-0.00768348	-0.00255418	
C/2003 Y15	2003 12 31.99521	18 53 05.1	-24 39 52	249
Geocentric position (AU)	+0.00161137	-0.00768236	-0.00255371	
C/2004 A2 (SOHO)				
C/2004 A2	2004 01 09.82090	19 44 39.6	-27 14 45	249
Geocentric position (AU)	+0.00418729	-0.00693376	-0.00229194	
C/2004 A2	2004 01 09.97099	19 44 11.3	-26 50 36	249
Geocentric position (AU)	+0.00422847	-0.00691741	-0.00228692	
C/2004 A2	2004 01 10.01256	19 44 08.0	-26 44 34	249
Geocentric position (AU)	+0.00423986	-0.00691286	-0.00228553	
C/2004 A2	2004 01 10.07090	19 43 59.9	-26 35 23	249
Geocentric position (AU)	+0.00425582	-0.00690646	-0.00228357	
C/2004 A2	2004 01 10.09590	19 43 51.9	-26 31 00	249
Geocentric position (AU)	+0.00426266	-0.00690372	-0.00228274	
C/2004 A2	2004 01 10.17929	19 43 34.1	-26 18 19	249
Geocentric position (AU)	+0.00428546	-0.00689453	-0.00227993	
C/2004 A2	2004 01 10.22101	19 43 30.5	-26 11 50	249
Geocentric position (AU)	+0.00429685	-0.00688993	-0.00227853	
C/2004 A2	2004 01 10.23756	19 43 23.6	-26 09 47	249
Geocentric position (AU)	+0.00430137	-0.00688810	-0.00227797	
C/2004 A2	2004 01 10.26256	19 43 15.6	-26 05 08	249
Geocentric position (AU)	+0.00430819	-0.00688533	-0.00227713	
C/2004 A2	2004 01 10.27923	19 43 10.0	-26 02 29	249
Geocentric position (AU)	+0.00431274	-0.00688348	-0.00227657	
C/2004 A2	2004 01 10.32090	19 43 03.3	-25 56 06	249
Geocentric position (AU)	+0.00432410	-0.00687886	-0.00227517	
C/2004 A2	2004 01 10.36256	19 42 54.7	-25 49 53	249
Geocentric position (AU)	+0.00433546	-0.00687424	-0.00227376	
C/2004 A2	2004 01 10.40423	19 42 43.6	-25 41 51	249
Geocentric position (AU)	+0.00434681	-0.00686960	-0.00227235	
C/2004 A2	2004 01 10.43309	19 42 41.0	-25 37 40	249
Geocentric position (AU)	+0.00435466	-0.00686638	-0.00227138	
C/2004 A2	2004 01 10.44745	19 42 34.0	-25 36 01	249
Geocentric position (AU)	+0.00435857	-0.00686478	-0.00227089	
C/2004 A2	2004 01 10.47090	19 42 28.7	-25 31 49	249
Geocentric position (AU)	+0.00436495	-0.00686216	-0.00227010	
C/2004 A2	2004 01 10.48756	19 42 25.0	-25 29 52	249
Geocentric position (AU)	+0.00436948	-0.00686030	-0.00226954	
C/2004 A2	2004 01 10.51256	19 42 19.2	-25 25 03	249
Geocentric position (AU)	+0.00437628	-0.00685750	-0.00226869	
C/2004 A2	2004 01 10.52923	19 42 11.7	-25 22 30	249
Geocentric position (AU)	+0.00438081	-0.00685564	-0.00226813	

C/2004 A2	2004 01	10.57090	19 42 04.0	-25 15 38	249
Geocentric position (AU)		+0.00439213	-0.00685097	-0.00226672	
C/2004 A2	2004 01	10.59590	19 41 56.3	-25 11 33	249
Geocentric position (AU)		+0.00439892	-0.00684816	-0.00226587	
C/2004 A2	2004 01	10.61256	19 41 51.3	-25 08 34	249
Geocentric position (AU)		+0.00440344	-0.00684629	-0.00226530	
C/2004 A2	2004 01	10.63757	19 41 44.6	-25 04 47	249
Geocentric position (AU)		+0.00441023	-0.00684348	-0.00226446	
C/2004 A2	2004 01	10.65423	19 41 38.8	-25 01 42	249
Geocentric position (AU)		+0.00441475	-0.00684160	-0.00226389	
C/2004 A2	2004 01	10.67923	19 41 30.2	-24 57 27	249
Geocentric position (AU)		+0.00442153	-0.00683879	-0.00226304	
C/2004 A2	2004 01	10.69590	19 41 28.3	-24 54 34	249
Geocentric position (AU)		+0.00442605	-0.00683691	-0.00226248	
C/2004 A2	2004 01	10.72091	19 41 21.8	-24 50 34	249
Geocentric position (AU)		+0.00443283	-0.00683409	-0.00226163	
C/2004 A2	2004 01	10.73756	19 41 15.7	-24 47 46	249
Geocentric position (AU)		+0.00443734	-0.00683220	-0.00226106	
C/2004 A2	2004 01	10.76256	19 41 06.7	-24 43 41	249
Geocentric position (AU)		+0.00444111	-0.00682938	-0.00226021	
C/2004 A2	2004 01	10.77923	19 41 01.1	-24 40 49	249
Geocentric position (AU)		+0.00444863	-0.00682749	-0.00225964	
C/2004 A2	2004 01	10.82090	19 40 48.5	-24 33 27	249
Geocentric position (AU)		+0.00445990	-0.00682277	-0.00225822	
C/2004 A2	2004 01	10.84590	19 40 39.5	-24 29 05	249
Geocentric position (AU)		+0.00446667	-0.00681994	-0.00225737	
C/2004 A2	2004 01	10.86256	19 40 33.0	-24 26 19	249
Geocentric position (AU)		+0.00447117	-0.00681804	-0.00225681	
C/2004 A2	2004 01	10.88788	19 40 24.0	-24 21 53	249
Geocentric position (AU)		+0.00447802	-0.00681517	-0.00225594	
C/2004 A2	2004 01	10.90423	19 40 18.1	-24 19 01	249
Geocentric position (AU)		+0.00448244	-0.00681331	-0.00225539	
C/2004 A2	2004 01	10.92923	19 40 08.3	-24 14 30	249
Geocentric position (AU)		+0.00448919	-0.00681046	-0.00225453	
C/2004 A2	2004 01	10.97098	19 39 52.9	-24 07 01	249
Geocentric position (AU)		+0.00450047	-0.00680570	-0.00225311	
C/2004 A2	2004 01	10.98756	19 39 45.3	-24 04 12	249
Geocentric position (AU)		+0.00450495	-0.00680381	-0.00225254	
C/2004 A2	2004 01	11.01257	19 39 35.3	-23 59 32	249
Geocentric position (AU)		+0.00451169	-0.00680095	-0.00225169	
C/2004 A2	2004 01	11.02923	19 39 28.1	-23 56 43	249
Geocentric position (AU)		+0.00451619	-0.00679905	-0.00225112	
C/2004 A2	2004 01	11.07090	19 39 11.5	-23 48 34	249
Geocentric position (AU)		+0.00452743	-0.00679428	-0.00224969	
C/2004 A2	2004 01	11.09590	19 38 59.4	-23 44 03	249
Geocentric position (AU)		+0.00453416	-0.00679141	-0.00224884	
C/2004 A2	2004 01	11.11257	19 38 52.1	-23 40 57	249
Geocentric position (AU)		+0.00453865	-0.00678950	-0.00224827	
C/2004 A2	2004 01	11.13756	19 38 39.1	-23 36 14	249
Geocentric position (AU)		+0.00454539	-0.00678663	-0.00224741	
C/2004 A2	2004 01	11.15423	19 38 30.6	-23 32 53	249
Geocentric position (AU)		+0.00454988	-0.00678472	-0.00224684	

C/2004 A2	2004 01	11.17923	19 38 18.8	-23 28 16	249
Geocentric position (AU)		+0.00455661	-0.00678184	-0.00224598	
C/2004 A2	2004 01	11.22098	19 37 55.6	-23 19 50	249
Geocentric position (AU)		+0.00456784	-0.00677703	-0.00224455	
C/2004 A2	2004 01	11.23756	19 37 46.4	-23 16 50	249
Geocentric position (AU)		+0.00457230	-0.00677512	-0.00224398	
C/2004 A2	2004 01	11.26256	19 37 31.7	-23 11 05	249
Geocentric position (AU)		+0.00457902	-0.00677224	-0.00224312	
C/2004 A2	2004 01	11.27923	19 37 23.1	-23 08 33	249
Geocentric position (AU)		+0.00458350	-0.00677031	-0.00224255	
C/2004 A2	2004 01	11.32090	19 36 57.0	-22 59 14	249
Geocentric position (AU)		+0.00459469	-0.00676549	-0.00224112	
C/2004 A2	2004 01	11.34590	19 36 37.6	-22 54 15	249
Geocentric position (AU)		+0.00460141	-0.00676260	-0.00224026	
C/2004 A2	2004 01	11.36257	19 36 26.5	-22 50 45	249
Geocentric position (AU)		+0.00460588	-0.00676066	-0.00223969	
C/2004 A2	2004 01	11.38758	19 36 04.0	-22 45 58	249
Geocentric position (AU)		+0.00461259	-0.00675776	-0.00223883	
C/2004 A2	2004 01	11.40423	19 35 56.4	-22 41 40	249
Geocentric position (AU)		+0.00461706	-0.00675583	-0.00223825	
C/2004 A2	2004 01	11.43308	19 35 28.6	-22 35 18	249
Geocentric position (AU)		+0.00462480	-0.00675248	-0.00223726	
C/2004 A2	2004 01	11.44030	19 35 22.1	-22 33 16	249
Geocentric position (AU)		+0.00462674	-0.00675163	-0.00223701	
C/2004 A2	2004 01	11.45567	19 35 07.1	-22 29 37	249
Geocentric position (AU)		+0.00463086	-0.00674984	-0.00223648	
C/2004 A2	2004 01	11.46280	19 34 59.7	-22 27 55	249
Geocentric position (AU)		+0.00463277	-0.00674901	-0.00223623	
C/2004 A2	2004 01	11.47923	19 34 43.5	-22 24 00	249
Geocentric position (AU)		+0.00463717	-0.00674710	-0.00223567	
C/2004 A2	2004 01	11.49590	19 34 25.3	-22 20 00	249
Geocentric position (AU)		+0.00464164	-0.00674516	-0.00223509	
C/2004 A2	2004 01	11.50423	19 34 15.1	-22 17 51	249
Geocentric position (AU)		+0.00464387	-0.00674419	-0.00223481	
C/2004 A2	2004 01	11.52090	19 33 53.5	-22 13 33	249
Geocentric position (AU)		+0.00464833	-0.00674224	-0.00223423	
C/2004 A2	2004 01	11.53757	19 33 31.1	-22 09 11	249
Geocentric position (AU)		+0.00465280	-0.00674030	-0.00223366	
C/2004 A2	2004 01	11.56370	19 32 48.7	-22 02 07	249
Geocentric position (AU)		+0.00465979	-0.00673724	-0.00223275	

C/2004 A3 (SOHO)

C/2004 A3	2004 01	15.99590	19 54 18.6	-20 27 58	249
Geocentric position (AU)		+0.00580407	-0.00617448	-0.00207284	
C/2004 A3	2004 01	16.00423	19 54 07.3	-20 28 25	249
Geocentric position (AU)		+0.00580612	-0.00617335	-0.00207252	
C/2004 A3	2004 01	16.02090	19 53 45.4	-20 28 30	249
Geocentric position (AU)		+0.00581025	-0.00617105	-0.00207189	
C/2004 A3	2004 01	16.03756	19 53 26.4	-20 28 59	249
Geocentric position (AU)		+0.00581439	-0.00616875	-0.00207125	
C/2004 A3	2004 01	16.07923	19 52 19.3	-20 27 19	249
Geocentric position (AU)		+0.00582471	-0.00616301	-0.00206966	

C/2004 B3 (SOHO)

C/2004 B3	2004 01	18.16256	20 03 35.1	-19 57 07	249
Geocentric position (AU)		+0.00632942	-0.00586542	-0.00198785	
C/2004 B3	2004 01	18.17090	20 03 24.5	-19 56 51	249
Geocentric position (AU)		+0.00633139	-0.00586419	-0.00198751	
C/2004 B3	2004 01	18.18756	20 03 04.8	-19 56 49	249
Geocentric position (AU)		+0.00633533	-0.00586173	-0.00198684	
C/2004 B3	2004 01	18.22923	20 02 10.9	-19 56 57	249
Geocentric position (AU)		+0.00634517	-0.00585557	-0.00198515	
C/2004 B3	2004 01	18.24590	20 01 48.8	-19 56 32	249
Geocentric position (AU)		+0.00634911	-0.00585310	-0.00198448	
C/2004 B3	2004 01	18.25423	20 01 38.1	-19 57 02	249
Geocentric position (AU)		+0.00635107	-0.00585187	-0.00198414	
C/2004 B3	2004 01	18.27090	20 01 15.5	-19 56 45	249
Geocentric position (AU)		+0.00635501	-0.00584940	-0.00198347	
C/2004 B3	2004 01	18.28756	20 00 53.9	-19 57 29	249
Geocentric position (AU)		+0.00635894	-0.00584693	-0.00198279	
C/2004 B3	2004 01	18.31371	20 00 17.6	-19 57 35	249
Geocentric position (AU)		+0.00636510	-0.00584306	-0.00198173	
C/2004 B3	2004 01	18.32923	19 59 55.6	-19 57 18	249
Geocentric position (AU)		+0.00636875	-0.00584076	-0.00198110	
C/2004 B3	2004 01	18.33757	19 59 44.6	-19 57 41	249
Geocentric position (AU)		+0.00637072	-0.00583952	-0.00198076	
C/2004 B3	2004 01	18.35423	19 59 21.5	-19 58 13	249
Geocentric position (AU)		+0.00637464	-0.00583704	-0.00198009	
C/2004 B3	2004 01	18.37090	19 59 01.1	-19 58 28	249
Geocentric position (AU)		+0.00637856	-0.00583457	-0.00197941	
C/2004 B3	2004 01	18.56371	19 54 32.8	-20 02 54	249
Geocentric position (AU)		+0.00642381	-0.00580584	-0.00197155	
C/2004 B3	2004 01	18.57924	19 54 11.7	-20 03 32	249
Geocentric position (AU)		+0.00642744	-0.00580352	-0.00197092	
C/2004 B3	2004 01	18.58756	19 54 01.1	-20 03 47	249
Geocentric position (AU)		+0.00642939	-0.00580228	-0.00197058	
C/2004 B3	2004 01	18.60423	19 53 39.3	-20 04 27	249
Geocentric position (AU)		+0.00643329	-0.00579979	-0.00196990	
C/2004 B3	2004 01	18.62090	19 53 17.8	-20 04 55	249
Geocentric position (AU)		+0.00643719	-0.00579729	-0.00196922	
C/2004 B3	2004 01	18.62924	19 53 07.1	-20 05 01	249
Geocentric position (AU)		+0.00643914	-0.00579604	-0.00196888	
C/2004 B3	2004 01	18.64590	19 52 45.0	-20 05 58	249
Geocentric position (AU)		+0.00644303	-0.00579355	-0.00196819	
C/2004 B3	2004 01	18.66256	19 52 24.4	-20 06 28	249
Geocentric position (AU)		+0.00644692	-0.00579105	-0.00196751	
C/2004 B3	2004 01	18.67090	19 52 13.7	-20 06 48	249
Geocentric position (AU)		+0.00644887	-0.00578980	-0.00196717	
C/2004 B3	2004 01	18.68757	19 51 53.3	-20 07 40	249
Geocentric position (AU)		+0.00645276	-0.00578731	-0.00196649	

C/2004 B4 (SOHO)

C/2004 B4	2004 01	18.27923	20 14 18.5	-23 20 52	249
Geocentric position (AU)		+0.00635696	-0.00584817	-0.00198313	
C/2004 B4	2004 01	18.32090	20 13 48.8	-23 13 28	249
Geocentric position (AU)		+0.00636678	-0.00584200	-0.00198144	

C/2004 B4	2004 01	18.34590	20 13 32.3	-23 08 44	249
Geocentric position (AU)		+0.00637267	-0.00583829	-0.00198043	
C/2004 B4	2004 01	18.36256	20 13 26.4	-23 04 26	249
Geocentric position (AU)		+0.00637659	-0.00583581	-0.00197975	
C/2004 B4	2004 01	18.38756	20 13 15.9	-23 01 28	249
Geocentric position (AU)		+0.00638247	-0.00583210	-0.00197873	
C/2004 B4	2004 01	18.40423	20 13 06.0	-22 57 30	249
Geocentric position (AU)		+0.00638639	-0.00582962	-0.00197806	
C/2004 B4	2004 01	18.43345	20 12 45.6	-22 51 56	249
Geocentric position (AU)		+0.00639326	-0.00582527	-0.00197687	
C/2004 B4	2004 01	18.44781	20 12 39.0	-22 49 11	249
Geocentric position (AU)		+0.00639663	-0.00582314	-0.00197628	
C/2004 B4	2004 01	18.47090	20 12 22.8	-22 44 32	249
Geocentric position (AU)		+0.00640205	-0.00581970	-0.00197534	
C/2004 B4	2004 01	18.48756	20 12 07.4	-22 41 49	249
Geocentric position (AU)		+0.00640596	-0.00581721	-0.00197466	
C/2004 B4	2004 01	18.51256	20 11 53.6	-22 36 11	249
Geocentric position (AU)		+0.00641182	-0.00581349	-0.00197364	
C/2004 B4	2004 01	18.52923	20 11 45.3	-22 32 38	249
Geocentric position (AU)		+0.00641573	-0.00581100	-0.00197296	
C/2004 B4	2004 01	18.57090	20 11 13.9	-22 23 42	249
Geocentric position (AU)		+0.00642548	-0.00580478	-0.00197126	
C/2004 B4	2004 01	18.59590	20 10 54.0	-22 18 38	249
Geocentric position (AU)		+0.00643133	-0.00580104	-0.00197024	
C/2004 B4	2004 01	18.61256	20 10 40.7	-22 15 26	249
Geocentric position (AU)		+0.00643523	-0.00579855	-0.00196956	
C/2004 B4	2004 01	18.63756	20 10 21.5	-22 10 01	249
Geocentric position (AU)		+0.00644107	-0.00579480	-0.00196854	
C/2004 B4	2004 01	18.65425	20 10 07.0	-22 06 22	249
Geocentric position (AU)		+0.00644497	-0.00579230	-0.00196785	
C/2004 B4	2004 01	18.67923	20 09 47.4	-22 00 47	249
Geocentric position (AU)		+0.00645080	-0.00578856	-0.00196683	
C/2004 B4	2004 01	18.69590	20 09 35.3	-21 56 51	249
Geocentric position (AU)		+0.00645469	-0.00578606	-0.00196615	
C/2004 B4	2004 01	18.72090	20 09 08.4	-21 52 21	249
Geocentric position (AU)		+0.00646052	-0.00578231	-0.00196512	
C/2004 B4	2004 01	18.73758	20 09 01.2	-21 45 43	249
Geocentric position (AU)		+0.00646441	-0.00577981	-0.00196444	

C/2004 B5 (SOHO)

C/2004 B5	2004 01	19.44590	20 19 40.4	-22 30 02	249
Geocentric position (AU)		+0.00662789	-0.00567235	-0.00193510	
C/2004 B5	2004 01	19.47090	20 19 18.3	-22 25 56	249
Geocentric position (AU)		+0.00663360	-0.00566852	-0.00193405	
C/2004 B5	2004 01	19.48756	20 19 16.5	-22 23 27	249
Geocentric position (AU)		+0.00663741	-0.00566596	-0.00193335	
C/2004 B5	2004 01	19.51257	20 18 59.5	-22 19 02	249
Geocentric position (AU)		+0.00664311	-0.00566212	-0.00193231	
C/2004 B5	2004 01	19.52923	20 18 50.6	-22 16 10	249
Geocentric position (AU)		+0.00664691	-0.00565957	-0.00193161	
C/2004 B5	2004 01	19.57090	20 18 24.0	-22 10 02	249
Geocentric position (AU)		+0.00665640	-0.00565317	-0.00192986	

C/2004 B5	2004 01	19.59590	20 18 10.2	-22 06 12	249
Geocentric position (AU)		+0.00666209	-0.00564932	-0.00192881	
C/2004 B5	2004 01	19.61256	20 17 52.7	-22 02 21	249
Geocentric position (AU)		+0.00666588	-0.00564676	-0.00192811	
C/2004 B5	2004 01	19.63756	20 17 40.7	-21 58 46	249
Geocentric position (AU)		+0.00667157	-0.00564291	-0.00192706	
C/2004 B5	2004 01	19.65424	20 17 26.8	-21 55 29	249
Geocentric position (AU)		+0.00667536	-0.00564034	-0.00192636	
C/2004 B5	2004 01	19.67923	20 17 13.1	-21 51 40	249
Geocentric position (AU)		+0.00668103	-0.00563649	-0.00192531	
C/2004 B5	2004 01	19.69590	20 17 01.9	-21 49 04	249
Geocentric position (AU)		+0.00668481	-0.00563392	-0.00192461	
C/2004 B5	2004 01	19.72090	20 16 45.9	-21 44 03	249
Geocentric position (AU)		+0.00669048	-0.00563006	-0.00192356	
C/2004 B5	2004 01	19.73756	20 16 27.9	-21 41 15	249
Geocentric position (AU)		+0.00669426	-0.00562749	-0.00192286	
C/2004 B5	2004 01	19.76257	20 16 13.2	-21 37 52	249
Geocentric position (AU)		+0.00669992	-0.00562362	-0.00192180	
C/2004 B5	2004 01	19.77923	20 16 00.2	-21 33 58	249
Geocentric position (AU)		+0.00670370	-0.00562105	-0.00192110	
C/2004 B5	2004 01	19.82090	20 15 25.1	-21 25 51	249
Geocentric position (AU)		+0.00671312	-0.00561460	-0.00191934	
C/2004 B5	2004 01	19.84590	20 15 06.1	-21 22 01	249
Geocentric position (AU)		+0.00671877	-0.00561073	-0.00191829	
C/2004 B5	2004 01	19.86257	20 14 49.5	-21 19 35	249
Geocentric position (AU)		+0.00672253	-0.00560815	-0.00191758	
C/2004 B5	2004 01	19.88779	20 14 32.2	-21 14 17	249
Geocentric position (AU)		+0.00672822	-0.00560424	-0.00191651	
C/2004 B5	2004 01	19.90452	20 14 14.7	-21 10 03	249
Geocentric position (AU)		+0.00673200	-0.00560165	-0.00191581	
C/2004 B5	2004 01	19.92923	20 13 48.8	-21 05 38	249
Geocentric position (AU)		+0.00673757	-0.00559781	-0.00191476	

C/2004 B6 (SOHO)

C/2004 B6	2004 01	21.22090	20 24 41.4	-21 54 06	249
Geocentric position (AU)		+0.00702270	-0.00539412	-0.00185923	
C/2004 B6	2004 01	21.23756	20 24 31.1	-21 51 06	249
Geocentric position (AU)		+0.00702630	-0.00539146	-0.00185850	
C/2004 B6	2004 01	21.26256	20 24 12.3	-21 47 33	249
Geocentric position (AU)		+0.00703169	-0.00538745	-0.00185741	
C/2004 B6	2004 01	21.27923	20 23 59.0	-21 44 19	249
Geocentric position (AU)		+0.00703529	-0.00538478	-0.00185668	
C/2004 B6	2004 01	21.32090	20 23 33.6	-21 36 27	249
Geocentric position (AU)		+0.00704427	-0.00537810	-0.00185486	
C/2004 B6	2004 01	21.34590	20 23 15.8	-21 32 16	249
Geocentric position (AU)		+0.00704965	-0.00537409	-0.00185377	
C/2004 B6	2004 01	21.38756	20 22 44.1	-21 25 15	249
Geocentric position (AU)		+0.00705860	-0.00536740	-0.00185195	
C/2004 B6	2004 01	21.40423	20 22 26.0	-21 22 06	249
Geocentric position (AU)		+0.00706218	-0.00536472	-0.00185122	
C/2004 B6	2004 01	21.43058	20 22 12.6	-21 17 08	249
Geocentric position (AU)		+0.00706783	-0.00536049	-0.00185006	

C/2004 B6	2004 01	21.44590	20 21 59.6	-21 15 17	249
Geocentric position (AU)		+0.00707112	-0.00535802	-0.00184939	
C/2004 B6	2004 01	21.47090	20 21 36.4	-21 09 11	249
Geocentric position (AU)		+0.00707648	-0.00535400	-0.00184830	
C/2004 B6	2004 01	21.48757	20 21 20.3	-21 06 00	249
Geocentric position (AU)		+0.00708005	-0.00535132	-0.00184757	
C/2004 B6	2004 01	21.51257	20 21 06.9	-21 01 04	249
Geocentric position (AU)		+0.00708539	-0.00534729	-0.00184647	
C/2004 B6	2004 01	21.52923	20 20 51.3	-20 59 33	249
Geocentric position (AU)		+0.00708896	-0.00534461	-0.00184574	

C/2004 B7 (SOHO)

C/2004 B7	2004 01	21.36257	20 29 20.5	-22 52 26	249
Geocentric position (AU)		+0.00705323	-0.00537141	-0.00185304	
C/2004 B7	2004 01	21.40423	20 28 52.2	-22 45 10	249
Geocentric position (AU)		+0.00706218	-0.00536472	-0.00185122	
C/2004 B7	2004 01	21.43058	20 28 35.7	-22 40 31	249
Geocentric position (AU)		+0.00706783	-0.00536049	-0.00185006	
C/2004 B7	2004 01	21.44590	20 28 26.6	-22 37 20	249
Geocentric position (AU)		+0.00707112	-0.00535802	-0.00184939	
C/2004 B7	2004 01	21.48757	20 28 09.3	-22 30 15	249
Geocentric position (AU)		+0.00708005	-0.00535132	-0.00184757	
C/2004 B7	2004 01	21.51257	20 27 49.4	-22 25 18	249
Geocentric position (AU)		+0.00708539	-0.00534729	-0.00184647	
C/2004 B7	2004 01	21.52923	20 27 38.0	-22 22 59	249
Geocentric position (AU)		+0.00708896	-0.00534461	-0.00184574	
C/2004 B7	2004 01	21.57090	20 27 14.0	-22 16 06	249
Geocentric position (AU)		+0.00709786	-0.00533789	-0.00184391	
C/2004 B7	2004 01	21.59592	20 26 56.4	-22 10 08	249
Geocentric position (AU)		+0.00710319	-0.00533386	-0.00184281	
C/2004 B7	2004 01	21.61256	20 26 46.5	-22 07 37	249
Geocentric position (AU)		+0.00710674	-0.00533117	-0.00184208	
C/2004 B7	2004 01	21.63756	20 26 25.9	-22 03 10	249
Geocentric position (AU)		+0.00711207	-0.00532714	-0.00184098	
C/2004 B7	2004 01	21.65423	20 26 11.0	-21 59 17	249
Geocentric position (AU)		+0.00711561	-0.00532444	-0.00184024	
C/2004 B7	2004 01	21.67923	20 25 59.7	-21 55 31	249
Geocentric position (AU)		+0.00712093	-0.00532040	-0.00183914	
C/2004 B7	2004 01	21.69590	20 25 48.1	-21 51 55	249
Geocentric position (AU)		+0.00712447	-0.00531771	-0.00183841	
C/2004 B7	2004 01	21.72090	20 25 28.7	-21 47 14	249
Geocentric position (AU)		+0.00712978	-0.00531367	-0.00183731	
C/2004 B7	2004 01	21.73758	20 25 16.9	-21 43 39	249
Geocentric position (AU)		+0.00713332	-0.00531097	-0.00183657	
C/2004 B7	2004 01	21.76258	20 24 53.0	-21 38 55	249
Geocentric position (AU)		+0.00713863	-0.00530692	-0.00183547	
C/2004 B7	2004 01	21.77923	20 24 42.1	-21 35 48	249
Geocentric position (AU)		+0.00714215	-0.00530423	-0.00183474	
C/2004 B7	2004 01	21.82090	20 24 01.5	-21 26 45	249
Geocentric position (AU)		+0.00715097	-0.00529748	-0.00183290	
C/2004 B7	2004 01	21.84590	20 23 46.3	-21 21 34	249
Geocentric position (AU)		+0.00715626	-0.00529343	-0.00183180	

C/2004 B7	2004 01	21.86256	20 23 29.9	-21 18 13	249
Geocentric position (AU)		+0.00715978	-0.00529072	-0.00183106	
C/2004 B7	2004 01	21.88781	20 23 05.0	-21 12 40	249
Geocentric position (AU)		+0.00716511	-0.00528663	-0.00182994	
C/2004 B7	2004 01	21.90423	20 22 49.8	-21 09 29	249
Geocentric position (AU)		+0.00716857	-0.00528396	-0.00182922	
C/2004 B7	2004 01	21.92923	20 22 30.8	-21 02 04	249
Geocentric position (AU)		+0.00717384	-0.00527990	-0.00182811	
C/2004 B7	2004 01	21.97099	20 21 43.1	-20 54 12	249
Geocentric position (AU)		+0.00718263	-0.00527312	-0.00182627	

C/2004 B8 (SOHO)

C/2004 B8	2004 01	24.97099	20 41 19.9	-20 59 29	249
Geocentric position (AU)		+0.00777729	-0.00477446	-0.00169091	
C/2004 B8	2004 01	24.98758	20 41 11.9	-20 56 48	249
Geocentric position (AU)		+0.00778037	-0.00477166	-0.00169015	
C/2004 B8	2004 01	25.01258	20 40 50.2	-20 52 22	249
Geocentric position (AU)		+0.00778501	-0.00476743	-0.00168901	
C/2004 B8	2004 01	25.02925	20 40 42.3	-20 48 38	249
Geocentric position (AU)		+0.00778810	-0.00476461	-0.00168825	
C/2004 B8	2004 01	25.07090	20 40 16.3	-20 42 54	249
Geocentric position (AU)		+0.00779581	-0.00475757	-0.00168635	
C/2004 B8	2004 01	25.09590	20 39 57.3	-20 38 48	249
Geocentric position (AU)		+0.00780043	-0.00475334	-0.00168521	
C/2004 B8	2004 01	25.11256	20 39 42.6	-20 35 39	249
Geocentric position (AU)		+0.00780351	-0.00475053	-0.00168445	
C/2004 B8	2004 01	25.13756	20 39 20.1	-20 31 40	249
Geocentric position (AU)		+0.00780812	-0.00474630	-0.00168331	
C/2004 B8	2004 01	25.15423	20 39 11.7	-20 29 28	249
Geocentric position (AU)		+0.00781120	-0.00474348	-0.00168255	
C/2004 B8	2004 01	25.17923	20 38 48.1	-20 23 06	249
Geocentric position (AU)		+0.00781580	-0.00473925	-0.00168141	
C/2004 B8	2004 01	25.22098	20 38 10.4	-20 16 37	249
Geocentric position (AU)		+0.00782348	-0.00473218	-0.00167950	
C/2004 B8	2004 01	25.23756	20 37 59.2	-20 14 22	249
Geocentric position (AU)		+0.00782652	-0.00472938	-0.00167874	
C/2004 B8	2004 01	25.26257	20 37 29.9	-20 09 42	249
Geocentric position (AU)		+0.00783111	-0.00472514	-0.00167760	

C/2004 B9 (SOHO)

C/2004 B9	2004 01	25.73757	20 48 40.3	-21 07 17	249
Geocentric position (AU)		+0.00791727	-0.00464463	-0.00165592	
C/2004 B9	2004 01	25.76256	20 48 27.7	-21 02 50	249
Geocentric position (AU)		+0.00792175	-0.00464039	-0.00165478	
C/2004 B9	2004 01	25.77923	20 48 11.4	-21 00 40	249
Geocentric position (AU)		+0.00792474	-0.00463756	-0.00165402	
C/2004 B9	2004 01	25.82090	20 47 52.8	-20 53 48	249
Geocentric position (AU)		+0.00793219	-0.00463049	-0.00165212	
C/2004 B9	2004 01	25.84590	20 47 31.0	-20 50 59	249
Geocentric position (AU)		+0.00793666	-0.00462624	-0.00165098	
C/2004 B9	2004 01	25.86257	20 47 21.4	-20 48 17	249
Geocentric position (AU)		+0.00793963	-0.00462341	-0.00165022	
C/2004 B9	2004 01	25.88786	20 47 02.1	-20 43 58	249
Geocentric position (AU)		+0.00794414	-0.00461912	-0.00164906	

C/2004 B9	2004 01	25.90423	20 46 54.1	-20 41 42	249
Geocentric position (AU)		+0.00794706	-0.00461634	-0.00164832	
C/2004 B9	2004 01	25.92923	20 46 38.2	-20 38 09	249
Geocentric position (AU)		+0.00795150	-0.00461209	-0.00164718	
C/2004 B9	2004 01	25.97099	20 46 08.6	-20 31 44	249
Geocentric position (AU)		+0.00795892	-0.00460500	-0.00164527	
C/2004 B9	2004 01	26.01644	20 45 33.2	-20 25 04	249
Geocentric position (AU)		+0.00796698	-0.00459728	-0.00164320	
C/2004 B9	2004 01	26.03010	20 45 17.0	-20 21 46	249
Geocentric position (AU)		+0.00796940	-0.00459496	-0.00164258	
C/2004 B9	2004 01	26.07176	20 44 47.2	-20 16 15	249
Geocentric position (AU)		+0.00797676	-0.00458788	-0.00164068	

C/2004 B10 (SOHO)

C/2004 B10	2004 01	30.13756	21 04 15.8	-19 22 02	249
Geocentric position (AU)		+0.00862830	-0.00389938	-0.00145931	
C/2004 B10	2004 01	30.15423	21 04 05.1	-19 20 17	249
Geocentric position (AU)		+0.00863071	-0.00389659	-0.00145859	
C/2004 B10	2004 01	30.19590	21 03 36.3	-19 14 49	249
Geocentric position (AU)		+0.00863672	-0.00388962	-0.00145680	
C/2004 B10	2004 01	30.22091	21 03 13.4	-19 10 30	249
Geocentric position (AU)		+0.00864032	-0.00388544	-0.00145572	
C/2004 B10	2004 01	30.23757	21 02 53.1	-19 08 18	249
Geocentric position (AU)		+0.00864272	-0.00388265	-0.00145501	
C/2004 B10	2004 01	30.26256	21 02 35.8	-19 04 36	249
Geocentric position (AU)		+0.00864631	-0.00387848	-0.00145393	
C/2004 B10	2004 01	30.32090	21 01 45.7	-18 55 27	249
Geocentric position (AU)		+0.00865468	-0.00386873	-0.00145143	
C/2004 B10	2004 01	30.34590	21 01 23.7	-18 52 13	249
Geocentric position (AU)		+0.00865826	-0.00386455	-0.00145036	
C/2004 B10	2004 01	30.36256	21 01 12.1	-18 49 05	249
Geocentric position (AU)		+0.00866064	-0.00386177	-0.00144965	
C/2004 B10	2004 01	30.38756	21 00 45.4	-18 45 52	249
Geocentric position (AU)		+0.00866421	-0.00385759	-0.00144857	
C/2004 B10	2004 01	30.40423	21 00 32.0	-18 42 54	249
Geocentric position (AU)		+0.00866659	-0.00385481	-0.00144786	
C/2004 B10	2004 01	30.43062	21 00 11.3	-18 38 52	249
Geocentric position (AU)		+0.00867035	-0.00385041	-0.00144673	
C/2004 B10	2004 01	30.44591	20 59 55.7	-18 35 56	249
Geocentric position (AU)		+0.00867252	-0.00384785	-0.00144608	
C/2004 B10	2004 01	30.47090	20 59 27.5	-18 32 23	249
Geocentric position (AU)		+0.00867608	-0.00384369	-0.00144501	
C/2004 B10	2004 01	30.48756	20 59 08.6	-18 29 20	249
Geocentric position (AU)		+0.00867845	-0.00384091	-0.00144430	

P/2004 CB (LINEAR)

P/2004 CB	2004 05	14.73263	22 47 59.53	-21 44 31.8	16.9 N	D82
P/2004 CB	2004 05	14.75624	22 48 03.13	-21 44 58.3	17.4 N	D82
P/2004 CB	2004 06	24.37931	23 50 04.29	-33 56 20.9	18.2 N	I05
P/2004 CB	2004 06	24.38666	23 50 04.43	-33 56 29.9	17.5 N	I05

C/2004 C3 (SOHO)

C/2004 C3	2004 02	03.77923	21 27 40.2	-19 04 49	249
Geocentric position (AU)		+0.00922674	-0.00314528	-0.00127243	

C/2004 C3	2004 02 03.82090	21 27 04.6	-18 58 12	249
Geocentric position (AU)	+0.00923152	-0.00313876	-0.00127089	
C/2004 C3	2004 02 03.84590	21 26 54.5	-18 54 59	249
Geocentric position (AU)	+0.00923438	-0.00313485	-0.00126996	
C/2004 C3	2004 02 03.86257	21 26 41.7	-18 52 33	249
Geocentric position (AU)	+0.00923629	-0.00313224	-0.00126935	
C/2004 C3	2004 02 03.88787	21 26 21.3	-18 49 16	249
Geocentric position (AU)	+0.00923918	-0.00312828	-0.00126841	
C/2004 C3	2004 02 03.92923	21 25 54.9	-18 43 23	249
Geocentric position (AU)	+0.00924389	-0.00312182	-0.00126689	
C/2004 C3	2004 02 03.97098	21 25 20.4	-18 36 51	249
Geocentric position (AU)	+0.00924865	-0.00311530	-0.00126535	
C/2004 C3	2004 02 03.98756	21 25 04.7	-18 33 45	249
Geocentric position (AU)	+0.00925053	-0.00311272	-0.00126474	
C/2004 C3	2004 02 04.01256	21 24 45.3	-18 30 20	249
Geocentric position (AU)	+0.00925337	-0.00310882	-0.00126382	
C/2004 C3	2004 02 04.02923	21 24 39.4	-18 27 41	249
Geocentric position (AU)	+0.00925527	-0.00310622	-0.00126321	
C/2004 C3	2004 02 04.07091	21 23 58.8	-18 21 20	249
Geocentric position (AU)	+0.00925999	-0.00309973	-0.00126168	
C/2004 C3	2004 02 04.11256	21 23 26.7	-18 15 36	249
Geocentric position (AU)	+0.00926470	-0.00309324	-0.00126015	
C/2004 C3	2004 02 04.13756	21 23 03.3	-18 10 15	249
Geocentric position (AU)	+0.00926752	-0.00308935	-0.00125924	
C/2004 C3	2004 02 04.15423	21 22 46.6	-18 07 47	249
Geocentric position (AU)	+0.00926940	-0.00308676	-0.00125863	
C/2004 C3	2004 02 04.17923	21 22 26.2	-18 04 07	249
Geocentric position (AU)	+0.00927222	-0.00308287	-0.00125771	
C/2004 C3	2004 02 04.19590	21 22 10.7	-18 01 54	249
Geocentric position (AU)	+0.00927410	-0.00308028	-0.00125710	
C/2004 C3	2004 02 04.22090	21 21 48.0	-17 57 34	249
Geocentric position (AU)	+0.00927691	-0.00307639	-0.00125619	
C/2004 C3	2004 02 04.23756	21 21 30.4	-17 53 58	249
Geocentric position (AU)	+0.00927878	-0.00307381	-0.00125559	
C/2004 C3	2004 02 04.26256	21 21 07.9	-17 50 55	249
Geocentric position (AU)	+0.00928159	-0.00306992	-0.00125468	
C/2004 C3	2004 02 04.27923	21 20 48.2	-17 47 56	249
Geocentric position (AU)	+0.00928346	-0.00306734	-0.00125407	
C/2004 C3	2004 02 04.32090	21 20 08.2	-17 40 19	249
Geocentric position (AU)	+0.00928813	-0.00306087	-0.00125256	
C/2004 C3	2004 02 04.34590	21 19 44.1	-17 34 29	249
Geocentric position (AU)	+0.00929092	-0.00305700	-0.00125165	
C/2004 C3	2004 02 04.36256	21 19 22.8	-17 31 44	249
Geocentric position (AU)	+0.00929279	-0.00305442	-0.00125104	
C/2004 C3	2004 02 04.40423	21 18 34.9	-17 25 30	249
Geocentric position (AU)	+0.00929744	-0.00304796	-0.00124954	
C/2004 C3	2004 02 04.43059	21 18 07.7	-17 19 28	249
Geocentric position (AU)	+0.00930037	-0.00304389	-0.00124858	
C/2004 C3	2004 02 04.44590	21 17 46.7	-17 16 48	249
Geocentric position (AU)	+0.00930208	-0.00304152	-0.00124803	

C/2004 C4 (SOHO)

C/2004 C4	2004 02 08.07090	21 38 43.3	-16 16 34	249
Geocentric position (AU)	+0.00967524	-0.00249978	-0.00112656	
C/2004 C4	2004 02 08.09590	21 38 20.9	-16 12 24	249
Geocentric position (AU)	+0.00967763	-0.00249617	-0.00112579	
C/2004 C4	2004 02 08.13756	21 37 41.5	-16 05 47	249
Geocentric position (AU)	+0.00968160	-0.00249016	-0.00112450	
C/2004 C4	2004 02 08.15423	21 37 22.4	-16 05 02	249
Geocentric position (AU)	+0.00968319	-0.00248776	-0.00112398	
C/2004 C4	2004 02 08.17923	21 37 00.8	-16 01 33	249
Geocentric position (AU)	+0.00968557	-0.00248416	-0.00112321	
C/2004 C4	2004 02 08.23756	21 36 02.2	-15 54 20	249
Geocentric position (AU)	+0.00969111	-0.00247576	-0.00112141	
C/2004 C4	2004 02 08.26256	21 35 40.0	-15 49 38	249
Geocentric position (AU)	+0.00969348	-0.00247216	-0.00112064	

C/2004 C5 (SOHO)

C/2004 C5	2004 02 08.92923	21 40 27.0	-15 47 38	249
Geocentric position (AU)	+0.00975591	-0.00237686	-0.00110037	
C/2004 C5	2004 02 08.98756	21 39 19.3	-15 41 18	249
Geocentric position (AU)	+0.00976130	-0.00236857	-0.00109862	
C/2004 C5	2004 02 09.01256	21 38 52.3	-15 35 55	249
Geocentric position (AU)	+0.00976360	-0.00236502	-0.00109788	

C/2004 C6 (SOHO)

C/2004 C6	2004 02 10.07090	21 47 42.4	-15 44 18	249
Geocentric position (AU)	+0.00985933	-0.00221619	-0.00106681	
C/2004 C6	2004 02 10.09590	21 47 12.4	-15 40 54	249
Geocentric position (AU)	+0.00986155	-0.00221271	-0.00106609	
C/2004 C6	2004 02 10.11256	21 46 57.6	-15 39 11	249
Geocentric position (AU)	+0.00986303	-0.00221039	-0.00106561	
C/2004 C6	2004 02 10.13756	21 46 32.3	-15 36 18	249
Geocentric position (AU)	+0.00986524	-0.00220691	-0.00106489	
C/2004 C6	2004 02 10.15423	21 46 15.9	-15 34 11	249
Geocentric position (AU)	+0.00986672	-0.00220458	-0.00106441	
C/2004 C6	2004 02 10.17923	21 45 52.1	-15 30 18	249
Geocentric position (AU)	+0.00986893	-0.00220110	-0.00106369	
C/2004 C6	2004 02 10.19590	21 45 36.4	-15 27 47	249
Geocentric position (AU)	+0.00987040	-0.00219879	-0.00106322	
C/2004 C6	2004 02 10.22090	21 45 06.5	-15 24 22	249
Geocentric position (AU)	+0.00987261	-0.00219531	-0.00106250	
C/2004 C6	2004 02 10.23756	21 44 43.5	-15 22 47	249
Geocentric position (AU)	+0.00987408	-0.00219299	-0.00106202	
C/2004 C6	2004 02 10.26256	21 44 17.8	-15 18 42	249
Geocentric position (AU)	+0.00987628	-0.00218952	-0.00106130	
C/2004 C6	2004 02 10.27923	21 43 59.4	-15 15 54	249
Geocentric position (AU)	+0.00987775	-0.00218720	-0.00106083	
C/2004 C6	2004 02 10.32090	21 43 09.9	-15 10 44	249
Geocentric position (AU)	+0.00988142	-0.00218141	-0.00105963	
C/2004 C6	2004 02 10.34590	21 42 39.4	-15 07 13	249
Geocentric position (AU)	+0.00988362	-0.00217794	-0.00105892	
C/2004 C6	2004 02 10.36256	21 42 15.1	-15 04 07	249
Geocentric position (AU)	+0.00988508	-0.00217563	-0.00105844	

C/2004 C6 2004 02 10.38757 21 41 49.6 -15 01 27 249
 Geocentric position (AU) +0.00988727 -0.00217216 -0.00105773

C/2004 C7 (SOHO)

C/2004 C7 2004 02 13.57090 22 04 20.0 -14 44 29 249
 Geocentric position (AU) +0.01015086 -0.00174026 -0.00097063
 C/2004 C7 2004 02 13.59590 22 03 54.3 -14 42 56 249
 Geocentric position (AU) +0.01015281 -0.00173693 -0.00096997
 C/2004 C7 2004 02 13.61256 22 03 44.1 -14 41 40 249
 Geocentric position (AU) +0.01015410 -0.00173472 -0.00096953
 C/2004 C7 2004 02 13.63756 22 03 22.3 -14 37 05 249
 Geocentric position (AU) +0.01015604 -0.00173139 -0.00096886
 C/2004 C7 2004 02 13.65423 22 03 08.3 -14 36 00 249
 Geocentric position (AU) +0.01015734 -0.00172918 -0.00096842
 C/2004 C7 2004 02 13.67924 22 02 41.1 -14 32 14 249
 Geocentric position (AU) +0.01015927 -0.00172586 -0.00096776
 C/2004 C7 2004 02 13.72090 22 02 09.1 -14 27 45 249
 Geocentric position (AU) +0.01016250 -0.00172032 -0.00096665
 C/2004 C7 2004 02 13.73756 22 01 48.5 -14 25 45 249
 Geocentric position (AU) +0.01016379 -0.00171811 -0.00096621
 C/2004 C7 2004 02 13.76257 22 01 22.7 -14 22 53 249
 Geocentric position (AU) +0.01016572 -0.00171479 -0.00096555
 C/2004 C7 2004 02 13.77924 22 01 06.6 -14 20 16 249
 Geocentric position (AU) +0.01016700 -0.00171258 -0.00096511
 C/2004 C7 2004 02 13.82090 22 00 27.8 -14 15 09 249
 Geocentric position (AU) +0.01017021 -0.00170705 -0.00096401
 C/2004 C7 2004 02 13.84590 21 59 58.6 -14 12 42 249
 Geocentric position (AU) +0.01017214 -0.00170374 -0.00096335
 C/2004 C7 2004 02 13.86256 21 59 42.2 -14 09 41 249
 Geocentric position (AU) +0.01017342 -0.00170153 -0.00096291
 C/2004 C7 2004 02 13.88805 21 59 13.9 -14 06 57 249
 Geocentric position (AU) +0.01017537 -0.00169815 -0.00096223
 C/2004 C7 2004 02 13.90423 21 58 52.4 -14 06 39 249
 Geocentric position (AU) +0.01017662 -0.00169600 -0.00096180

C/2004 C8 (SOHO)

C/2004 C8 2004 02 14.40423 22 02 43.0 -14 05 07 249
 Geocentric position (AU) +0.01021455 -0.00162993 -0.00094863
 C/2004 C8 2004 02 14.43311 22 02 14.6 -14 02 00 249
 Geocentric position (AU) +0.01021672 -0.00162612 -0.00094787
 C/2004 C8 2004 02 14.44743 22 02 02.7 -13 58 23 249
 Geocentric position (AU) +0.01021779 -0.00162423 -0.00094749
 C/2004 C8 2004 02 14.47090 22 01 32.3 -13 57 27 249
 Geocentric position (AU) +0.01021955 -0.00162114 -0.00094688
 C/2004 C8 2004 02 14.48758 22 01 10.8 -13 53 02 249
 Geocentric position (AU) +0.01022079 -0.00161894 -0.00094644
 C/2004 C8 2004 02 14.51256 22 00 40.6 -13 52 12 249
 Geocentric position (AU) +0.01022266 -0.00161565 -0.00094578
 C/2004 C8 2004 02 14.52923 22 00 33.8 -13 48 45 249
 Geocentric position (AU) +0.01022390 -0.00161346 -0.00094535

C/2004 D2 (SOHO)

C/2004 D2 2004 02 25.01256 22 54 37.8 -10 42 06 249
 Geocentric position (AU) +0.01077376 -0.00033716 -0.00068726

C/2004 D2 2004 02 25.02923 22 54 34.7 -10 41 37 249
 Geocentric position (AU) +0.01077424 -0.00033538 -0.00068690
 C/2004 D2 2004 02 25.07090 22 53 58.8 -10 38 01 249
 Geocentric position (AU) +0.01077545 -0.00033094 -0.00068603
 C/2004 D2 2004 02 25.09590 22 53 31.2 -10 37 14 249
 Geocentric position (AU) +0.01077618 -0.00032828 -0.00068550
 C/2004 D2 2004 02 25.11256 22 53 22.1 -10 34 03 249
 Geocentric position (AU) +0.01077666 -0.00032651 -0.00068515
 C/2004 D2 2004 02 25.13758 22 53 05.4 -10 32 34 249
 Geocentric position (AU) +0.01077738 -0.00032385 -0.00068462
 C/2004 D2 2004 02 25.15423 22 52 47.5 -10 31 11 249
 Geocentric position (AU) +0.01077785 -0.00032209 -0.00068427
 C/2004 D2 2004 02 25.17924 22 52 30.7 -10 28 07 249
 Geocentric position (AU) +0.01077857 -0.00031943 -0.00068375
 C/2004 D2 2004 02 25.19590 22 52 18.3 -10 25 58 249
 Geocentric position (AU) +0.01077904 -0.00031767 -0.00068340
 C/2004 D2 2004 02 25.22090 22 51 52.3 -10 23 52 249
 Geocentric position (AU) +0.01077976 -0.00031502 -0.00068287
 C/2004 D2 2004 02 25.23756 22 51 44.5 -10 23 18 249
 Geocentric position (AU) +0.01078023 -0.00031326 -0.00068253
 C/2004 D2 2004 02 25.26256 22 51 21.7 -10 21 07 249
 Geocentric position (AU) +0.01078093 -0.00031061 -0.00068200
 C/2004 D2 2004 02 25.27923 22 51 07.2 -10 20 36 249
 Geocentric position (AU) +0.01078140 -0.00030885 -0.00068166
 C/2004 D2 2004 02 25.32090 22 50 29.4 -10 15 57 249
 Geocentric position (AU) +0.01078257 -0.00030445 -0.00068079
 C/2004 D2 2004 02 25.34590 22 50 06.6 -10 13 10 249
 Geocentric position (AU) +0.01078327 -0.00030182 -0.00068027
 C/2004 D2 2004 02 25.36257 22 49 52.5 -10 12 01 249
 Geocentric position (AU) +0.01078374 -0.00030006 -0.00067992
 C/2004 D2 2004 02 25.40423 22 49 13.5 -10 07 34 249
 Geocentric position (AU) +0.01078490 -0.00029568 -0.00067906
 C/2004 D2 2004 02 25.43055 22 48 45.9 -10 05 39 249
 Geocentric position (AU) +0.01078562 -0.00029291 -0.00067851
 C/2004 D2 2004 02 25.44590 22 48 33.2 -10 04 03 249
 Geocentric position (AU) +0.01078605 -0.00029130 -0.00067820
 C/2004 D2 2004 02 25.47090 22 48 08.9 -10 01 58 249
 Geocentric position (AU) +0.01078673 -0.00028868 -0.00067768
 C/2004 D2 2004 02 25.48756 22 47 51.3 -10 00 24 249
 Geocentric position (AU) +0.01078719 -0.00028693 -0.00067734
 C/2004 D2 2004 02 25.51256 22 47 22.1 -09 58 02 249
 Geocentric position (AU) +0.01078787 -0.00028432 -0.00067682
 C/2004 D2 2004 02 25.52923 22 47 10.8 -09 56 11 249
 Geocentric position (AU) +0.01078833 -0.00028257 -0.00067648
 C/2004 D2 2004 02 25.57090 22 46 24.0 -09 52 09 249
 Geocentric position (AU) +0.01078946 -0.00027822 -0.00067562
 C/2004 D2 2004 02 25.59590 22 45 59.6 -09 49 39 249
 Geocentric position (AU) +0.01079013 -0.00027561 -0.00067511
 C/2004 D2 2004 02 25.61257 22 45 41.2 -09 48 03 249
 Geocentric position (AU) +0.01079058 -0.00027387 -0.00067477
 C/2004 D2 2004 02 25.63756 22 45 09.5 -09 45 49 249
 Geocentric position (AU) +0.01079126 -0.00027126 -0.00067426

C/2004 D2	2004 02 25.65423	22 44 53.2	-09 43 28	249
Geocentric position (AU)	+0.01079170	-0.00026953	-0.00067392	
C/2004 D2	2004 02 25.67923	22 44 23.8	-09 40 59	249
Geocentric position (AU)	+0.01079237	-0.00026692	-0.00067341	
C/2004 D2	2004 02 25.69590	22 44 04.3	-09 40 08	249
Geocentric position (AU)	+0.01079281	-0.00026519	-0.00067307	
C/2004 D2	2004 02 25.72964	22 43 20.8	-09 36 22	249
Geocentric position (AU)	+0.01079371	-0.00026168	-0.00067238	

C/2004 D3 (SOHO)

C/2004 D3	2004 02 25.11256	22 56 10.0	-10 41 37	249
Geocentric position (AU)	+0.01077666	-0.00032651	-0.00068515	
C/2004 D3	2004 02 25.13758	22 55 56.8	-10 40 14	249
Geocentric position (AU)	+0.01077738	-0.00032385	-0.00068462	
C/2004 D3	2004 02 25.15423	22 55 48.0	-10 39 01	249
Geocentric position (AU)	+0.01077785	-0.00032209	-0.00068427	
C/2004 D3	2004 02 25.17924	22 55 24.8	-10 36 55	249
Geocentric position (AU)	+0.01077857	-0.00031943	-0.00068375	
C/2004 D3	2004 02 25.19590	22 55 08.2	-10 34 51	249
Geocentric position (AU)	+0.01077904	-0.00031767	-0.00068340	
C/2004 D3	2004 02 25.22090	22 54 54.6	-10 32 34	249
Geocentric position (AU)	+0.01077976	-0.00031502	-0.00068287	
C/2004 D3	2004 02 25.23756	22 54 36.0	-10 31 25	249
Geocentric position (AU)	+0.01078023	-0.00031326	-0.00068253	
C/2004 D3	2004 02 25.27923	22 54 02.2	-10 27 56	249
Geocentric position (AU)	+0.01078140	-0.00030885	-0.00068166	
C/2004 D3	2004 02 25.32090	22 53 34.4	-10 24 56	249
Geocentric position (AU)	+0.01078257	-0.00030445	-0.00068079	
C/2004 D3	2004 02 25.34590	22 53 11.7	-10 21 56	249
Geocentric position (AU)	+0.01078327	-0.00030182	-0.00068027	
C/2004 D3	2004 02 25.36257	22 52 57.8	-10 21 00	249
Geocentric position (AU)	+0.01078374	-0.00030006	-0.00067992	
C/2004 D3	2004 02 25.38757	22 52 30.2	-10 18 38	249
Geocentric position (AU)	+0.01078443	-0.00029743	-0.00067940	
C/2004 D3	2004 02 25.40423	22 52 24.3	-10 16 57	249
Geocentric position (AU)	+0.01078490	-0.00029568	-0.00067906	
C/2004 D3	2004 02 25.43055	22 51 59.9	-10 14 51	249
Geocentric position (AU)	+0.01078562	-0.00029291	-0.00067851	
C/2004 D3	2004 02 25.44590	22 51 45.5	-10 13 24	249
Geocentric position (AU)	+0.01078605	-0.00029130	-0.00067820	
C/2004 D3	2004 02 25.47090	22 51 25.8	-10 11 24	249
Geocentric position (AU)	+0.01078673	-0.00028868	-0.00067768	
C/2004 D3	2004 02 25.48756	22 51 11.3	-10 09 55	249
Geocentric position (AU)	+0.01078719	-0.00028693	-0.00067734	
C/2004 D3	2004 02 25.51256	22 50 42.3	-10 07 52	249
Geocentric position (AU)	+0.01078787	-0.00028432	-0.00067682	
C/2004 D3	2004 02 25.52923	22 50 36.8	-10 06 02	249
Geocentric position (AU)	+0.01078833	-0.00028257	-0.00067648	
C/2004 D3	2004 02 25.57090	22 49 52.3	-10 02 23	249
Geocentric position (AU)	+0.01078946	-0.00027822	-0.00067562	
C/2004 D3	2004 02 25.59590	22 49 32.1	-09 59 46	249
Geocentric position (AU)	+0.01079013	-0.00027561	-0.00067511	

C/2004 D3	2004 02 25.61257	22 49 10.5	-09 58 35	249
Geocentric position (AU)	+0.01079058	-0.00027387	-0.00067477	
C/2004 D3	2004 02 25.63756	22 48 50.5	-09 56 16	249
Geocentric position (AU)	+0.01079126	-0.00027126	-0.00067426	
C/2004 D3	2004 02 25.65423	22 48 32.6	-09 54 21	249
Geocentric position (AU)	+0.01079170	-0.00026953	-0.00067392	
C/2004 D3	2004 02 25.67923	22 48 09.7	-09 52 00	249
Geocentric position (AU)	+0.01079237	-0.00026692	-0.00067341	
C/2004 D3	2004 02 25.69590	22 47 51.5	-09 50 36	249
Geocentric position (AU)	+0.01079281	-0.00026519	-0.00067307	
C/2004 D3	2004 02 25.72964	22 47 11.2	-09 47 00	249
Geocentric position (AU)	+0.01079371	-0.00026168	-0.00067238	

C/2004 D4 (SOHO)

C/2004 D4	2004 02 26.89092	23 07 28.0	-10 18 38	249
Geocentric position (AU)	+0.01082211	-0.00014393	-0.00064959	
C/2004 D4	2004 02 26.92923	23 07 00.2	-10 15 03	249
Geocentric position (AU)	+0.01082297	-0.00014014	-0.00064886	
C/2004 D4	2004 02 26.98756	23 06 20.6	-10 12 12	249
Geocentric position (AU)	+0.01082427	-0.00013438	-0.00064777	
C/2004 D4	2004 02 27.01256	23 06 02.8	-10 10 02	249
Geocentric position (AU)	+0.01082483	-0.00013192	-0.00064730	
C/2004 D4	2004 02 27.02923	23 05 55.2	-10 07 00	249
Geocentric position (AU)	+0.01082520	-0.00013028	-0.00064698	
C/2004 D4	2004 02 27.07090	23 05 20.0	-10 03 43	249
Geocentric position (AU)	+0.01082611	-0.00012618	-0.00064620	
C/2004 D4	2004 02 27.09590	23 05 02.8	-10 01 32	249
Geocentric position (AU)	+0.01082666	-0.00012373	-0.00064574	
C/2004 D4	2004 02 27.13757	23 04 33.9	-09 58 29	249
Geocentric position (AU)	+0.01082757	-0.00011964	-0.00064496	
C/2004 D4	2004 02 27.15423	23 04 20.1	-09 57 59	249
Geocentric position (AU)	+0.01082793	-0.00011801	-0.00064465	
C/2004 D4	2004 02 27.19590	23 03 51.1	-09 53 54	249
Geocentric position (AU)	+0.01082883	-0.00011394	-0.00064388	
C/2004 D4	2004 02 27.22090	23 03 29.1	-09 51 51	249
Geocentric position (AU)	+0.01082937	-0.00011150	-0.00064342	
C/2004 D4	2004 02 27.23756	23 03 17.1	-09 51 35	249
Geocentric position (AU)	+0.01082973	-0.00010987	-0.00064311	
C/2004 D4	2004 02 27.26256	23 02 58.1	-09 49 00	249
Geocentric position (AU)	+0.01083026	-0.00010744	-0.00064265	
C/2004 D4	2004 02 27.27923	23 02 44.2	-09 47 13	249
Geocentric position (AU)	+0.01083062	-0.00010582	-0.00064234	
C/2004 D4	2004 02 27.32117	23 02 11.0	-09 43 55	249
Geocentric position (AU)	+0.01083151	-0.00010174	-0.00064157	
C/2004 D4	2004 02 27.34590	23 01 52.3	-09 41 55	249
Geocentric position (AU)	+0.01083203	-0.00009934	-0.00064112	
C/2004 D4	2004 02 27.36257	23 01 37.6	-09 40 13	249
Geocentric position (AU)	+0.01083238	-0.00009772	-0.00064081	
C/2004 D4	2004 02 27.38756	23 01 16.3	-09 38 00	249
Geocentric position (AU)	+0.01083291	-0.00009530	-0.00064035	
C/2004 D4	2004 02 27.40423	23 01 02.8	-09 36 48	249
Geocentric position (AU)	+0.01083326	-0.00009369	-0.00064005	

C/2004 D4	2004 02 27.43056	23 00 41.9	-09 34 22	249
Geocentric position (AU)	+0.01083381	-0.00009114	-0.00063957	
C/2004 D4	2004 02 27.44590	23 00 28.8	-09 33 09	249
Geocentric position (AU)	+0.01083413	-0.00008966	-0.00063929	
C/2004 D4	2004 02 27.47090	23 00 07.9	-09 30 54	249
Geocentric position (AU)	+0.01083464	-0.00008725	-0.00063884	
C/2004 D4	2004 02 27.48756	22 59 53.7	-09 29 38	249
Geocentric position (AU)	+0.01083499	-0.00008564	-0.00063853	
C/2004 D4	2004 02 27.51256	22 59 30.8	-09 27 33	249
Geocentric position (AU)	+0.01083551	-0.00008323	-0.00063808	
C/2004 D4	2004 02 27.52923	22 59 15.2	-09 26 03	249
Geocentric position (AU)	+0.01083585	-0.00008162	-0.00063778	
C/2004 D4	2004 02 27.57090	22 58 39.7	-09 22 14	249
Geocentric position (AU)	+0.01083670	-0.00007762	-0.00063703	
C/2004 D4	2004 02 27.59590	22 58 16.1	-09 19 47	249
Geocentric position (AU)	+0.01083721	-0.00007522	-0.00063658	
C/2004 D4	2004 02 27.61256	22 58 01.2	-09 18 42	249
Geocentric position (AU)	+0.01083755	-0.00007362	-0.00063628	
C/2004 D4	2004 02 27.63756	22 57 38.2	-09 15 47	249
Geocentric position (AU)	+0.01083806	-0.00007122	-0.00063583	
C/2004 D4	2004 02 27.65423	22 57 20.6	-09 14 24	249
Geocentric position (AU)	+0.01083840	-0.00006963	-0.00063553	
C/2004 D4	2004 02 27.67923	22 56 57.3	-09 12 22	249
Geocentric position (AU)	+0.01083890	-0.00006724	-0.00063508	
C/2004 D4	2004 02 27.69590	22 56 40.1	-09 10 34	249
Geocentric position (AU)	+0.01083923	-0.00006565	-0.00063478	
C/2004 D4	2004 02 27.72090	22 56 16.8	-09 08 41	249
Geocentric position (AU)	+0.01083974	-0.00006326	-0.00063434	
C/2004 D4	2004 02 27.73756	22 55 59.6	-09 07 10	249
Geocentric position (AU)	+0.01084007	-0.00006167	-0.00063404	
C/2004 D4	2004 02 27.76256	22 55 32.5	-09 05 03	249
Geocentric position (AU)	+0.01084056	-0.00005929	-0.00063360	
C/2004 D4	2004 02 27.77923	22 55 14.2	-09 03 10	249
Geocentric position (AU)	+0.01084090	-0.00005770	-0.00063330	
C/2004 D4	2004 02 27.82090	22 54 31.7	-08 59 14	249
Geocentric position (AU)	+0.01084172	-0.00005374	-0.00063256	
C/2004 D4	2004 02 27.84590	22 54 03.5	-08 56 24	249
Geocentric position (AU)	+0.01084221	-0.00005137	-0.00063212	
C/2004 D4	2004 02 27.86256	22 53 43.3	-08 54 30	249
Geocentric position (AU)	+0.01084254	-0.00004979	-0.00063182	
C/2004 D4	2004 02 27.88772	22 53 16.1	-08 52 23	249
Geocentric position (AU)	+0.01084303	-0.00004741	-0.00063138	
C/2004 D4	2004 02 27.97098	22 51 32.1	-08 44 44	249
Geocentric position (AU)	+0.01084465	-0.00003954	-0.00062992	
C/2004 D4	2004 02 27.98756	22 51 16.2	-08 42 46	249
Geocentric position (AU)	+0.01084497	-0.00003797	-0.00062963	
C/2004 D4	2004 02 28.01256	22 50 43.5	-08 40 00	249
Geocentric position (AU)	+0.01084545	-0.00003562	-0.00062919	
C/2004 D4	2004 02 28.02925	22 50 20.4	-08 38 10	249
Geocentric position (AU)	+0.01084577	-0.00003405	-0.00062890	
C/2004 D4	2004 02 28.07090	22 49 21.8	-08 34 07	249
Geocentric position (AU)	+0.01084656	-0.00003014	-0.00062818	

C/2004 D4	2004 02 28.09591	22 48 43.4	-08 31 39	249
Geocentric position (AU)	+0.01084704	-0.00002779	-0.00062774	
C/2004 D4	2004 02 28.16259	22 46 48.1	-08 22 57	249
Geocentric position (AU)	+0.01084829	-0.00002154	-0.00062659	
C/2004 D4	2004 02 28.18784	22 46 02.3	-08 20 09	249
Geocentric position (AU)	+0.01084877	-0.00001918	-0.00062615	
C/2004 D4	2004 02 28.22923	22 44 32.9	-08 15 07	249
Geocentric position (AU)	+0.01084954	-0.00001532	-0.00062544	

C/2004 DZ₆₁ (Catalina-LINEAR)

C/2004 DZ ₆₁	2004 06 12.95011	12 19 50.27	+53 25 49.2	213
C/2004 DZ ₆₁	2004 06 13.49295	12 20 35.03	+53 26 16.0	17.5 T 360
C/2004 DZ ₆₁	2004 06 13.49735	12 20 35.42	+53 26 16.1	360
C/2004 DZ ₆₁	2004 07 07.17501	13 01 03.92	+52 42 05.4	18.9 T 704
C/2004 DZ ₆₁	2004 07 07.18500	13 01 05.05	+52 42 03.8	19.1 T 704
C/2004 DZ ₆₁	2004 07 07.19497	13 01 06.20	+52 42 01.6	19.5 T 704
C/2004 DZ ₆₁	2004 07 07.21500	13 01 08.70	+52 41 56.5	18.7 T 704

C/2004 E1 (SOHO)

C/2004 E1	2004 03 09.36257	23 33 32.8	-04 51 31	249
Geocentric position (AU)	+0.01097327	+0.00072147	-0.00051197	
C/2004 E1	2004 03 09.38756	23 33 06.0	-04 49 57	249
Geocentric position (AU)	+0.01097356	+0.00072288	-0.00051178	
C/2004 E1	2004 03 09.43056	23 32 09.1	-04 45 36	249
Geocentric position (AU)	+0.01097407	+0.00072531	-0.00051146	
C/2004 E1	2004 03 09.44590	23 31 53.4	-04 44 43	249
Geocentric position (AU)	+0.01097425	+0.00072617	-0.00051135	
C/2004 E1	2004 03 09.47090	23 31 28.5	-04 43 27	249
Geocentric position (AU)	+0.01097454	+0.00072759	-0.00051117	
C/2004 E1	2004 03 09.51256	23 30 36.6	-04 37 59	249
Geocentric position (AU)	+0.01097504	+0.00072993	-0.00051086	
C/2004 E1	2004 03 09.52925	23 30 10.8	-04 37 31	249
Geocentric position (AU)	+0.01097523	+0.00073087	-0.00051073	

C/2004 E2 (SOHO)

C/2004 E2	2004 03 12.31364	23 24 09.0	-03 52 02	249
Geocentric position (AU)	+0.01100997	+0.00088214	-0.00048929	
C/2004 E2	2004 03 12.33756	23 24 42.4	-03 47 09	249
Geocentric position (AU)	+0.01101027	+0.00088340	-0.00048909	
C/2004 E2	2004 03 12.35423	23 25 04.9	-03 43 58	249
Geocentric position (AU)	+0.01101049	+0.00088429	-0.00048896	
C/2004 E2	2004 03 12.37091	23 25 24.7	-03 41 23	249
Geocentric position (AU)	+0.01101070	+0.00088517	-0.00048882	
C/2004 E2	2004 03 12.39590	23 25 58.9	-03 36 45	249
Geocentric position (AU)	+0.01101102	+0.00088649	-0.00048861	
C/2004 E2	2004 03 12.41257	23 26 21.8	-03 33 33	249
Geocentric position (AU)	+0.01101124	+0.00088737	-0.00048847	
C/2004 E2	2004 03 12.42091	23 26 33.1	-03 31 38	249
Geocentric position (AU)	+0.01101135	+0.00088781	-0.00048840	
C/2004 E2	2004 03 12.43767	23 26 54.4	-03 28 45	249
Geocentric position (AU)	+0.01101156	+0.00088869	-0.00048826	

C/2004 E3 (SOHO)

C/2004 E3	2004 03 14.82091	23 57 50.3	-02 58 21	249
Geocentric position (AU)	+0.01104130	+0.00101308	-0.00046640	

C/2004 E3	2004 03	14.84590	23 57 33.1	-02 54 13	249
Geocentric position (AU)		+0.01104160	+0.00101437	-0.00046615	
C/2004 E3	2004 03	14.86257	23 57 16.2	-02 51 59	249
Geocentric position (AU)		+0.01104180	+0.00101523	-0.00046598	
C/2004 E3	2004 03	14.90423	23 56 39.8	-02 49 53	249
Geocentric position (AU)		+0.01104228	+0.00101739	-0.00046555	
C/2004 E3	2004 03	14.92923	23 56 12.7	-02 47 47	249
Geocentric position (AU)		+0.01104258	+0.00101868	-0.00046530	
C/2004 E3	2004 03	14.97126	23 55 33.2	-02 45 05	249
Geocentric position (AU)		+0.01104307	+0.00102085	-0.00046486	
C/2004 E3	2004 03	14.98756	23 55 11.6	-02 44 43	249
Geocentric position (AU)		+0.01104326	+0.00102169	-0.00046470	
C/2004 E3	2004 03	15.01257	23 54 46.1	-02 39 42	249
Geocentric position (AU)		+0.01104355	+0.00102298	-0.00046444	
C/2004 E3	2004 03	15.02923	23 54 33.5	-02 39 46	249
Geocentric position (AU)		+0.01104374	+0.00102385	-0.00046427	
C/2004 E3	2004 03	15.07090	23 53 48.6	-02 36 00	249
Geocentric position (AU)		+0.01104422	+0.00102600	-0.00046384	
C/2004 E3	2004 03	15.09590	23 53 18.1	-02 34 16	249
Geocentric position (AU)		+0.01104451	+0.00102729	-0.00046358	
C/2004 E3	2004 03	15.11256	23 53 00.5	-02 32 27	249
Geocentric position (AU)		+0.01104470	+0.00102815	-0.00046340	
C/2004 E3	2004 03	15.13756	23 52 31.1	-02 30 08	249
Geocentric position (AU)		+0.01104499	+0.00102944	-0.00046314	
C/2004 E3	2004 03	15.15425	23 52 15.0	-02 27 50	249
Geocentric position (AU)		+0.01104518	+0.00103030	-0.00046297	
C/2004 E3	2004 03	15.17923	23 51 39.2	-02 25 22	249
Geocentric position (AU)		+0.01104547	+0.00103159	-0.00046271	
C/2004 E3	2004 03	15.22090	23 50 55.8	-02 22 14	249
Geocentric position (AU)		+0.01104594	+0.00103374	-0.00046227	
C/2004 E3	2004 03	15.23757	23 50 34.5	-02 21 27	249
Geocentric position (AU)		+0.01104613	+0.00103460	-0.00046210	
C/2004 E3	2004 03	15.26258	23 50 00.9	-02 18 33	249
Geocentric position (AU)		+0.01104642	+0.00103589	-0.00046183	

C/2004 E4 (SOHO)

C/2004 E4	2004 03	15.82090	00 02 27.7	-02 35 39	249
Geocentric position (AU)		+0.01105258	+0.00106464	-0.00045581	
C/2004 E4	2004 03	15.84591	00 02 07.2	-02 34 22	249
Geocentric position (AU)		+0.01105285	+0.00106592	-0.00045553	
C/2004 E4	2004 03	15.86256	00 01 49.8	-02 33 19	249
Geocentric position (AU)		+0.01105302	+0.00106678	-0.00045535	
C/2004 E4	2004 03	15.88773	00 01 23.4	-02 31 22	249
Geocentric position (AU)		+0.01105329	+0.00106807	-0.00045507	
C/2004 E4	2004 03	15.90423	00 01 12.3	-02 29 17	249
Geocentric position (AU)		+0.01105347	+0.00106892	-0.00045489	
C/2004 E4	2004 03	15.92923	00 00 50.9	-02 26 32	249
Geocentric position (AU)		+0.01105373	+0.00107020	-0.00045461	
C/2004 E4	2004 03	15.97209	00 00 08.1	-02 23 38	249
Geocentric position (AU)		+0.01105419	+0.00107240	-0.00045413	
C/2004 E4	2004 03	15.98756	23 59 51.6	-02 22 28	249
Geocentric position (AU)		+0.01105435	+0.00107320	-0.00045396	

C/2004 E4	2004 03	16.01256	23 59 25.8	-02 20 18	249
Geocentric position (AU)		+0.01105461	+0.00107448	-0.00045368	
C/2004 E4	2004 03	16.02925	23 59 15.0	-02 18 32	249
Geocentric position (AU)		+0.01105478	+0.00107534	-0.00045349	
C/2004 E4	2004 03	16.07091	23 58 25.4	-02 15 09	249
Geocentric position (AU)		+0.01105522	+0.00107748	-0.00045302	
C/2004 E4	2004 03	16.09590	23 58 04.8	-02 13 31	249
Geocentric position (AU)		+0.01105548	+0.00107876	-0.00045274	
C/2004 E4	2004 03	16.11256	23 57 44.2	-02 12 18	249
Geocentric position (AU)		+0.01105565	+0.00107961	-0.00045255	
C/2004 E4	2004 03	16.13756	23 57 15.1	-02 09 21	249
Geocentric position (AU)		+0.01105591	+0.00108090	-0.00045227	
C/2004 E4	2004 03	16.15423	23 57 00.6	-02 08 38	249
Geocentric position (AU)		+0.01105608	+0.00108175	-0.00045208	
C/2004 E4	2004 03	16.17923	23 56 33.8	-02 06 35	249
Geocentric position (AU)		+0.01105634	+0.00108303	-0.00045180	
C/2004 E4	2004 03	16.19591	23 56 05.7	-02 04 41	249
Geocentric position (AU)		+0.01105651	+0.00108389	-0.00045161	
C/2004 E4	2004 03	16.22090	23 55 43.0	-02 01 43	249
Geocentric position (AU)		+0.01105676	+0.00108517	-0.00045132	
C/2004 E4	2004 03	16.23756	23 55 19.0	-01 59 42	249
Geocentric position (AU)		+0.01105693	+0.00108602	-0.00045113	
C/2004 E4	2004 03	16.26256	23 54 51.4	-01 59 03	249
Geocentric position (AU)		+0.01105718	+0.00108730	-0.00045085	
C/2004 E4	2004 03	16.27923	23 54 22.1	-01 56 56	249
Geocentric position (AU)		+0.01105735	+0.00108816	-0.00045066	
C/2004 E4	2004 03	16.35423	23 52 45.5	-01 49 20	249
Geocentric position (AU)		+0.01105811	+0.00109200	-0.00044979	
C/2004 E4	2004 03	16.37118	23 52 23.5	-01 47 26	249
Geocentric position (AU)		+0.01105828	+0.00109287	-0.00044960	
C/2004 E4	2004 03	16.37923	23 52 09.8	-01 46 58	249
Geocentric position (AU)		+0.01105836	+0.00109328	-0.00044951	

C/2004 F2 (LINEAR)

C/2004 F2	2004 06	12.21773	15 26 51.87	+39 57 21.1	19.4 T	704
C/2004 F2	2004 06	12.22787	15 26 50.54	+39 57 22.3	20.2 T	704
C/2004 F2	2004 06	12.24805	15 26 47.98	+39 57 26.2	19.6 T	704
C/2004 F2	2004 06	13.61087	15 24 01.08	+40 02 00.3	19.5 T	360
C/2004 F2	2004 06	13.61582	15 24 00.47	+40 02 01.0		360
C/2004 F2	2004 06	13.62175	15 23 59.76	+40 02 02.1		360
C/2004 F2	2004 07	09.89484	14 48 55.05	+39 14 07.5		213
C/2004 F2	2004 07	09.89676	14 48 54.99	+39 14 07.3	18.2 N	213
C/2004 F2	2004 07	09.93801	14 48 53.24	+39 13 54.9	20.4 T	941
C/2004 F2	2004 07	09.94301	14 48 52.95	+39 13 52.7	20.2 T	941
C/2004 F2	2004 07	09.95018	14 48 52.53	+39 13 51.1	20.3 T	941
C/2004 F2	2004 07	09.95644	14 48 52.27	+39 13 49.9	20.3 T	941
C/2004 F2	2004 07	09.95872	14 48 52.09	+39 13 48.8	20.4 T	941

P/2004 F3 (NEAT)

P/2004 F3	2004 06	01.61245	13 07 34.66	+09 45 44.8	15.5 T	349
P/2004 F3	2004 06	01.61412	13 07 34.64	+09 45 43.7		349
P/2004 F3	2004 06	01.61578	13 07 34.65	+09 45 43.2		349
P/2004 F3	2004 06	03.50155	13 07 25.80	+09 32 39.8	15.7 T	900
P/2004 F3	2004 06	03.52678	13 07 25.63	+09 32 29.4	15.7 T	900

P/2004 F3	2004 06 03.57591	13 07 25.41	+09 32 07.9	14.7 T	355	P/2004 F3	2004 06 16.90868	13 08 24.13	+07 48 05.3	15.7 N	J97
P/2004 F3	2004 06 03.57796	13 07 25.40	+09 32 06.9		355	P/2004 F3	2004 06 17.90940	13 08 36.83	+07 39 32.8	15.6 N	939
P/2004 F3	2004 06 03.58171	13 07 25.40	+09 32 05.6		355	P/2004 F3	2004 06 17.90970	13 08 36.81	+07 39 32.8	15.6 N	213
P/2004 F3	2004 06 03.58561	13 07 25.38	+09 32 04.1		355	P/2004 F3	2004 06 17.91103	13 08 36.86	+07 39 32.5	15.7 N	213
P/2004 F3	2004 06 07.90345	13 07 21.40	+09 00 29.3		048	P/2004 F3	2004 06 17.91157	13 08 36.86	+07 39 32.4	15.6 N	213
P/2004 F3	2004 06 07.90634	13 07 21.41	+09 00 28.3		048	P/2004 F3	2004 06 17.91405	13 08 36.90	+07 39 30.4	15.6 N	939
P/2004 F3	2004 06 07.90924	13 07 21.39	+09 00 26.3		048	P/2004 F3	2004 06 17.91868	13 08 36.97	+07 39 27.8	15.6 N	939
P/2004 F3	2004 06 07.92019	13 07 21.42	+09 00 21.1		048	P/2004 F3	2004 06 18.87575	13 08 50.30	+07 31 13.1	15.5 N	939
P/2004 F3	2004 06 07.92169	13 07 21.43	+09 00 20.7		048	P/2004 F3	2004 06 18.88503	13 08 50.44	+07 31 08.1	15.5 N	939
P/2004 F3	2004 06 11.47812	13 07 34.83	+08 32 48.9	16.2 N	415	P/2004 F3	2004 06 18.89238	13 08 50.55	+07 31 04.3	15.5 N	939
P/2004 F3	2004 06 11.48426	13 07 34.87	+08 32 46.4	16.2 N	415	P/2004 F3	2004 06 18.93948	13 08 51.17	+07 30 40.2	15.3 N	442
P/2004 F3	2004 06 11.48712	13 07 34.89	+08 32 44.8	16.3 N	415	P/2004 F3	2004 06 18.94006	13 08 51.20	+07 30 40.2	15.3 N	442
P/2004 F3	2004 06 12.86958	13 07 44.20	+08 21 35.8	15.6 N	J76	P/2004 F3	2004 06 19.94589	13 09 06.36	+07 21 54.8	15.5 T	A01
P/2004 F3	2004 06 12.87288	13 07 44.20	+08 21 34.2	15.6 N	J76	P/2004 F3	2004 06 19.94785	13 09 06.43	+07 21 53.6	15.5 T	A01
P/2004 F3	2004 06 12.87620	13 07 44.21	+08 21 32.4	15.6 N	J76	P/2004 F3	2004 06 19.95571	13 09 06.51	+07 21 49.6	15.4 T	A01
P/2004 F3	2004 06 12.95473	13 07 44.71	+08 20 54.5	15.7 N	A01	P/2004 F3	2004 06 21.44905	13 09 31.28	+07 08 43.3	16.3 N	415
P/2004 F3	2004 06 12.95669	13 07 44.75	+08 20 53.4	15.7 N	A01	P/2004 F3	2004 06 21.45117	13 09 31.32	+07 08 42.3	15.9 N	415
P/2004 F3	2004 06 13.50664	13 07 49.19	+08 16 24.9	15.5 T	360	P/2004 F3	2004 06 21.45330	13 09 31.35	+07 08 41.2	15.9 N	415
P/2004 F3	2004 06 13.50895	13 07 49.21	+08 16 23.9		360	P/2004 F3	2004 06 23.88238	13 10 16.82	+06 46 48.9	15.4 N	J76
P/2004 F3	2004 06 13.50999	13 07 49.23	+08 16 23.1		349	P/2004 F3	2004 06 23.88404	13 10 16.84	+06 46 48.0	15.3 N	J76
P/2004 F3	2004 06 13.51150	13 07 49.24	+08 16 22.4		349	P/2004 F3	2004 06 23.88568	13 10 16.87	+06 46 47.2	15.3 N	J76
P/2004 F3	2004 06 13.51762	13 07 49.28	+08 16 19.2		349	P/2004 F3	2004 06 24.92029	13 10 38.15	+06 37 20.2		A46
P/2004 F3	2004 06 13.51914	13 07 49.31	+08 16 18.4	15.3 T	349	P/2004 F3	2004 06 24.92126	13 10 38.13	+06 37 20.6		A46
P/2004 F3	2004 06 13.56039	13 07 49.60	+08 15 58.5	15.9 T	900	P/2004 F3	2004 06 24.92213	13 10 38.13	+06 37 19.5		A46
P/2004 F3	2004 06 13.56701	13 07 49.62	+08 15 54.9	16.1 T	900	P/2004 F3	2004 06 24.92309	13 10 38.20	+06 37 19.1		A46
P/2004 F3	2004 06 13.89861	13 07 52.50	+08 13 12.0	15.6 N	213	P/2004 F3	2004 06 24.92406	13 10 38.18	+06 37 18.5		A46
P/2004 F3	2004 06 13.89955	13 07 52.52	+08 13 11.8	15.6 N	213	P/2004 F3	2004 06 24.92502	13 10 38.24	+06 37 17.7		A46
P/2004 F3	2004 06 13.90318	13 07 52.53	+08 13 09.2		A46	P/2004 F3	2004 06 26.85693	13 11 21.20	+06 19 29.5		048
P/2004 F3	2004 06 13.90416	13 07 52.55	+08 13 08.9		A46	P/2004 F3	2004 06 26.85769	13 11 21.21	+06 19 28.7		048
P/2004 F3	2004 06 13.90609	13 07 52.55	+08 13 07.7		A46	P/2004 F3	2004 06 26.85844	13 11 21.24	+06 19 28.4		048
P/2004 F3	2004 06 13.90706	13 07 52.57	+08 13 07.2		A46	P/2004 F3	2004 06 26.86069	13 11 21.27	+06 19 27.2		048
P/2004 F3	2004 06 13.90802	13 07 52.58	+08 13 06.8		A46	P/2004 F3	2004 06 26.86370	13 11 21.35	+06 19 25.6		048
P/2004 F3	2004 06 13.90844	13 07 52.60	+08 13 07.1	15.5 N	213	P/2004 F3	2004 06 29.86553	13 12 35.76	+05 51 15.4		A46
P/2004 F3	2004 06 13.90898	13 07 52.58	+08 13 06.3		A46	P/2004 F3	2004 06 29.86689	13 12 35.80	+05 51 15.1	15.3 N	213
P/2004 F3	2004 06 14.19482	13 07 55.16	+08 10 46.2	14.5 T	703	P/2004 F3	2004 06 29.86841	13 12 35.82	+05 51 14.6	15.5 N	213
P/2004 F3	2004 06 14.20518	13 07 55.25	+08 10 41.4	14.6 T	703	P/2004 F3	2004 06 29.86851	13 12 35.84	+05 51 13.5		A46
P/2004 F3	2004 06 14.21556	13 07 55.34	+08 10 36.0	14.6 T	703	P/2004 F3	2004 06 29.86950	13 12 35.82	+05 51 12.9		A46
P/2004 F3	2004 06 14.22595	13 07 55.43	+08 10 31.0	14.6 T	703	P/2004 F3	2004 06 29.86995	13 12 35.90	+05 51 13.9	15.4 N	213
P/2004 F3	2004 06 14.55649	13 07 58.48	+08 07 47.3		D70	P/2004 F3	2004 06 29.87050	13 12 35.89	+05 51 12.3		A46
P/2004 F3	2004 06 14.56396	13 07 58.58	+08 07 43.9	15.4 T	D70	P/2004 F3	2004 06 29.87247	13 12 35.94	+05 51 11.4		A46
P/2004 F3	2004 06 14.56708	13 07 58.58	+08 07 41.6	15.0 T	347	P/2004 F3	2004 06 29.87543	13 12 36.02	+05 51 09.8		A46
P/2004 F3	2004 06 14.57392	13 07 58.61	+08 07 38.1		347	P/2004 F3	2004 07 03.88640	13 14 29.78	+05 12 38.7	15.5 N	939
P/2004 F3	2004 06 16.22526	13 08 16.16	+07 53 54.3	15.5 T	699	P/2004 F3	2004 07 03.89103	13 14 29.94	+05 12 35.8	15.5 N	939
P/2004 F3	2004 06 16.23821	13 08 16.10	+07 53 45.6		699	P/2004 F3	2004 07 03.89568	13 14 30.09	+05 12 33.0	15.5 N	939
P/2004 F3	2004 06 16.25119	13 08 16.22	+07 53 39.1		699	P/2004 F3	2004 07 03.93459	13 14 31.27	+05 12 10.5	16.1 N	J78
P/2004 F3	2004 06 16.26415	13 08 16.39	+07 53 32.2		699	P/2004 F3	2004 07 03.93542	13 14 31.29	+05 12 10.7	16.0 N	J78
P/2004 F3	2004 06 16.50566	13 08 19.22	+07 51 35.0	16.5 N	415	P/2004 F3	2004 07 03.93881	13 14 31.38	+05 12 08.4	16.1 N	J78
P/2004 F3	2004 06 16.50777	13 08 19.24	+07 51 33.3	16.4 N	415	P/2004 F3	2004 07 04.87807	13 15 00.39	+05 02 58.6	15.5 N	939
P/2004 F3	2004 06 16.50990	13 08 19.24	+07 51 32.6	16.4 N	415	P/2004 F3	2004 07 04.88409	13 15 00.58	+05 02 55.1	15.5 N	939
P/2004 F3	2004 06 16.89527	13 08 23.91	+07 48 12.2	15.8 N	J97	P/2004 F3	2004 07 04.89012	13 15 00.76	+05 02 51.4	15.5 N	939
P/2004 F3	2004 06 16.89907	13 08 23.96	+07 48 10.5	15.7 N	J97	P/2004 F3	2004 07 07.88321	13 16 38.99	+04 33 21.9	15.4 N	J97
P/2004 F3	2004 06 16.90148	13 08 24.01	+07 48 08.9	15.6 N	J97	P/2004 F3	2004 07 07.88731	13 16 39.04	+04 33 19.5	15.5 N	J97
P/2004 F3	2004 06 16.90628	13 08 24.06	+07 48 06.7	15.8 N	J97	P/2004 F3	2004 07 07.88957	13 16 39.08	+04 33 18.1	15.5 N	J76

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P/2004 F3	2004 07 07.89182	13 16 39.16	+04 33 16.8	15.5 N	J97
P/2004 F3	2004 07 07.89205	13 16 39.20	+04 33 16.6	15.4 N	J76
P/2004 F3	2004 07 07.89419	13 16 39.24	+04 33 15.1	15.5 N	939
P/2004 F3	2004 07 07.89473	13 16 39.28	+04 33 15.2	15.5 N	J76
P/2004 F3	2004 07 07.89652	13 16 39.31	+04 33 13.6	15.5 N	939
P/2004 F3	2004 07 07.89882	13 16 39.38	+04 33 12.1	15.5 N	939
P/2004 F3	2004 07 08.87502	13 17 13.28	+04 23 28.2	15.3 N	939
P/2004 F3	2004 07 08.87969	13 17 13.41	+04 23 25.7	15.3 N	939
P/2004 F3	2004 07 08.88260	13 17 13.55	+04 23 24.6	15.3 N	J97
P/2004 F3	2004 07 08.88435	13 17 13.54	+04 23 23.4	15.3 N	939
P/2004 F3	2004 07 08.88547	13 17 13.63	+04 23 23.3	15.3 N	J97
P/2004 F3	2004 07 08.88834	13 17 13.71	+04 23 21.8	15.4 N	J97
P/2004 F3	2004 07 08.89120	13 17 13.79	+04 23 20.4	15.3 N	J97

C/2004 F4 (Bradfield)

C/2004 F4	2004 05 18.04994	01 09 19.79	+44 58 52.2	13.8 N	138
C/2004 F4	2004 05 18.05356	01 09 19.90	+44 58 58.7	13.9 N	138
C/2004 F4	2004 05 18.05718	01 09 20.16	+44 59 04.9	13.9 N	138
C/2004 F4	2004 05 23.75354	01 14 19.39	+47 29 13.5	11.8 T	D74
C/2004 F4	2004 05 23.76387	01 14 19.96	+47 29 28.8	12.2 T	D74
C/2004 F4	2004 05 29.05849	01 18 39.20	+49 33 28.2	15.5 N	A32
C/2004 F4	2004 06 02.04257	01 21 35.41	+50 59 43.5	16.0 N	A32
C/2004 F4	2004 06 03.71181	01 22 43.28	+51 34 23.1		349
C/2004 F4	2004 06 03.71332	01 22 43.36	+51 34 25.1		349
C/2004 F4	2004 06 03.71638	01 22 43.50	+51 34 28.9		349
C/2004 F4	2004 06 03.71789	01 22 43.54	+51 34 30.8	11.9 T	349
C/2004 F4	2004 06 03.72830	01 22 43.95	+51 34 43.7		355
C/2004 F4	2004 06 03.75093	01 22 44.78	+51 35 12.1	14.1 T	355
C/2004 F4	2004 06 03.75304	01 22 44.83	+51 35 14.8		355
C/2004 F4	2004 06 04.72140	01 23 22.48	+51 54 59.5		349
C/2004 F4	2004 06 04.72292	01 23 22.54	+51 55 01.4		349
C/2004 F4	2004 06 04.72444	01 23 22.60	+51 55 03.2		349
C/2004 F4	2004 06 04.72597	01 23 22.66	+51 55 05.6	12.1 T	349
C/2004 F4	2004 06 12.02534	01 27 18.23	+54 17 11.2	16.4 N	A32
C/2004 F4	2004 06 13.03218	01 27 43.41	+54 35 57.0		213
C/2004 F4	2004 06 13.67869	01 27 58.85	+54 47 56.3		349
C/2004 F4	2004 06 13.68312	01 27 58.94	+54 48 01.4		349
C/2004 F4	2004 06 13.68757	01 27 59.04	+54 48 06.1	13.0 T	349
C/2004 F4	2004 06 13.76586	01 28 00.76	+54 49 35.1		D74
C/2004 F4	2004 06 13.77118	01 28 00.91	+54 49 47.9		D74
C/2004 F4	2004 06 13.99275	01 28 05.89	+54 53 43.2	16.1 N	A54
C/2004 F4	2004 06 13.99603	01 28 05.64	+54 53 48.5		A54
C/2004 F4	2004 06 14.71580	01 28 21.46	+55 07 00.0		349
C/2004 F4	2004 06 14.72023	01 28 21.56	+55 07 04.9		349
C/2004 F4	2004 06 14.72468	01 28 21.61	+55 07 10.0	13.2 T	349
C/2004 F4	2004 06 16.70766	01 28 58.85	+55 43 07.0		D83
C/2004 F4	2004 06 16.71152	01 28 58.83	+55 43 11.6		D83
C/2004 F4	2004 06 16.71348	01 28 58.94	+55 43 13.1	16.8 T	D83
C/2004 F4	2004 06 17.00350	01 29 03.53	+55 48 20.2	17.1 N	J93
C/2004 F4	2004 06 17.03947	01 29 03.83	+55 49 02.4	17.2 N	J93
C/2004 F4	2004 06 17.04352	01 29 04.16	+55 49 08.6	17.1 N	J93
C/2004 F4	2004 06 18.02898	01 29 18.90	+56 06 43.9	18 N	461
C/2004 F4	2004 06 18.03083	01 29 18.97	+56 06 45.8		461

C/2004 F4	2004 06 18.03362	01 29 18.98	+56 06 48.9		461
C/2004 F4	2004 06 22.02274	01 29 55.56	+57 16 35.9	18.5 T	461
C/2004 F4	2004 06 22.02459	01 29 55.65	+57 16 37.6		461
C/2004 F4	2004 06 22.02644	01 29 55.56	+57 16 39.6		461
C/2004 F4	2004 06 22.02831	01 29 55.63	+57 16 41.4		461
C/2004 F4	2004 06 22.03015	01 29 55.60	+57 16 43.3		461
C/2004 F4	2004 06 24.36488	01 29 59.15	+57 56 31.6	18.4 T	704
C/2004 F4	2004 06 24.37497	01 29 59.17	+57 56 41.9	18.8 T	704
C/2004 F4	2004 06 24.38518	01 29 59.12	+57 56 52.9	18.5 T	704
C/2004 F4	2004 06 24.39536	01 29 59.05	+57 57 03.8	18.9 T	704
C/2004 F4	2004 06 26.00902	01 29 52.97	+58 24 06.5	17.3 N	A18
C/2004 F4	2004 06 26.02515	01 29 53.03	+58 24 21.5	17.0 N	213
C/2004 F4	2004 06 26.02738	01 29 53.13	+58 24 23.4		213
C/2004 F4	2004 06 26.97674	01 29 46.06	+58 40 11.5		A46
C/2004 F4	2004 06 26.97916	01 29 46.00	+58 40 14.4		A46
C/2004 F4	2004 06 26.98037	01 29 45.89	+58 40 16.7		A46
C/2004 F4	2004 06 26.98159	01 29 45.91	+58 40 17.9		A46
C/2004 F4	2004 06 26.98403	01 29 45.89	+58 40 19.8		A46
C/2004 F4	2004 06 26.98524	01 29 45.77	+58 40 22.0		A46
C/2004 F4	2004 06 27.03581	01 29 45.57	+58 41 10.3		461
C/2004 F4	2004 06 27.03733	01 29 45.57	+58 41 12.1		461
C/2004 F4	2004 06 27.03883	01 29 45.53	+58 41 13.8		461
C/2004 F4	2004 06 27.04035	01 29 45.50	+58 41 14.8	19 T	461
C/2004 F4	2004 06 27.04185	01 29 45.47	+58 41 16.5		461
C/2004 F4	2004 06 27.04334	01 29 45.46	+58 41 18.2		461
C/2004 F4	2004 06 29.99291	01 29 07.33	+59 29 25.2	17.2 N	A32
C/2004 F4	2004 06 29.99856	01 29 07.20	+59 29 32.4	17.5 N	A32
C/2004 F4	2004 06 30.75391	01 28 53.47	+59 41 44.2	16.5 T	360
C/2004 F4	2004 06 30.75766	01 28 53.30	+59 41 47.9		360
C/2004 F4	2004 06 30.76470	01 28 53.14	+59 41 54.7		360
C/2004 F4	2004 07 07.29747	01 25 37.51	+61 23 34.7	18.3 T	785
C/2004 F4	2004 07 07.30486	01 25 36.89	+61 23 39.9	18.2 T	785

C/2004 F5 (SOHO)

C/2004 F5	2004 03 17.40451	00 09 35.6	-02 12 20		249
Geocentric position (AU)	+0.01106777	+0.00114556	-0.00043721		
C/2004 F5	2004 03 17.44591	00 08 59.0	-02 09 18		249
Geocentric position (AU)	+0.01106811	+0.00114767	-0.00043669		
C/2004 F5	2004 03 17.47092	00 08 41.1	-02 07 14		249
Geocentric position (AU)	+0.01106832	+0.00114893	-0.00043638		
C/2004 F5	2004 03 17.48756	00 08 29.6	-02 05 37		249
Geocentric position (AU)	+0.01106846	+0.00114978	-0.00043617		
C/2004 F5	2004 03 17.52923	00 07 44.2	-02 02 22		249
Geocentric position (AU)	+0.01106879	+0.00115189	-0.00043565		
C/2004 F5	2004 03 17.57090	00 07 13.8	-01 59 43		249
Geocentric position (AU)	+0.01106913	+0.00115400	-0.00043513		
C/2004 F5	2004 03 17.59590	00 06 45.4	-01 56 56		249
Geocentric position (AU)	+0.01106933	+0.00115527	-0.00043481		
C/2004 F5	2004 03 17.61257	00 06 31.8	-01 55 38		249
Geocentric position (AU)	+0.01106947	+0.00115612	-0.00043460		
C/2004 F5	2004 03 17.63757	00 06 12.7	-01 53 59		249
Geocentric position (AU)	+0.01106967	+0.00115738	-0.00043429		

C/2004 F5	2004 03 17.65423	00 05 51.2	-01 52 34	249
Geocentric position (AU)	+0.01106980	+0.00115822	-0.00043408	
C/2004 F5	2004 03 17.67923	00 05 30.0	-01 48 49	249
Geocentric position (AU)	+0.01106999	+0.00115949	-0.00043376	
C/2004 F5	2004 03 17.69591	00 05 07.3	-01 47 11	249
Geocentric position (AU)	+0.01107013	+0.00116033	-0.00043355	
C/2004 F5	2004 03 17.72090	00 04 40.1	-01 44 28	249
Geocentric position (AU)	+0.01107032	+0.00116160	-0.00043323	
C/2004 F5	2004 03 17.73756	00 04 27.0	-01 44 14	249
Geocentric position (AU)	+0.01107045	+0.00116244	-0.00043302	
C/2004 F5	2004 03 17.76256	00 04 01.0	-01 43 20	249
Geocentric position (AU)	+0.01107064	+0.00116371	-0.00043270	
C/2004 F5	2004 03 17.77923	00 03 46.0	-01 40 22	249
Geocentric position (AU)	+0.01107077	+0.00116455	-0.00043249	
C/2004 F5	2004 03 17.82090	00 02 57.4	-01 36 41	249
Geocentric position (AU)	+0.01107109	+0.00116666	-0.00043196	
C/2004 F5	2004 03 17.84590	00 02 33.7	-01 34 26	249
Geocentric position (AU)	+0.01107128	+0.00116792	-0.00043164	
C/2004 F5	2004 03 17.86256	00 02 06.1	-01 33 17	249
Geocentric position (AU)	+0.01107141	+0.00116876	-0.00043142	
C/2004 F5	2004 03 17.88826	00 01 38.7	-01 30 30	249
Geocentric position (AU)	+0.01107160	+0.00117006	-0.00043109	
C/2004 F5	2004 03 17.90423	00 01 19.2	-01 28 39	249
Geocentric position (AU)	+0.01107172	+0.00117087	-0.00043089	
C/2004 F5	2004 03 17.92923	00 00 47.6	-01 26 01	249
Geocentric position (AU)	+0.01107190	+0.00117213	-0.00043057	
C/2004 F5	2004 03 17.97099	23 59 52.9	-01 22 22	249
Geocentric position (AU)	+0.01107221	+0.00117423	-0.00043003	
C/2004 F5	2004 03 18.02576	23 58 38.7	-01 15 53	249
Geocentric position (AU)	+0.01107261	+0.00117700	-0.00042932	

C/2004 F6 (SOHO)

C/2004 F6	2004 03 22.35076	00 37 04.8	-00 47 19	249
Geocentric position (AU)	+0.01108494	+0.00138652	-0.00036714	
C/2004 F6	2004 03 22.39242	00 36 36.7	-00 43 42	249
Geocentric position (AU)	+0.01108487	+0.00138843	-0.00036649	
C/2004 F6	2004 03 22.45354	00 35 59.5	-00 39 29	249
Geocentric position (AU)	+0.01108476	+0.00139122	-0.00036554	
C/2004 F6	2004 03 22.47576	00 35 41.3	-00 36 43	249
Geocentric position (AU)	+0.01108472	+0.00139224	-0.00036520	
C/2004 F6	2004 03 22.79293	00 31 48.5	-00 13 49	249
Geocentric position (AU)	+0.01108405	+0.00140664	-0.00036027	
C/2004 F6	2004 03 22.81818	00 31 29.1	-00 11 32	249
Geocentric position (AU)	+0.01108399	+0.00140778	-0.00035987	
C/2004 F6	2004 03 22.85077	00 31 05.1	-00 08 27	249
Geocentric position (AU)	+0.01108391	+0.00140925	-0.00035936	
C/2004 F6	2004 03 22.89244	00 30 38.9	-00 07 29	249
Geocentric position (AU)	+0.01108380	+0.00141113	-0.00035871	
C/2004 F6	2004 03 22.93409	00 30 04.7	-00 02 51	249
Geocentric position (AU)	+0.01108369	+0.00141300	-0.00035806	
C/2004 F6	2004 03 22.97585	00 29 30.0	-00 00 16	249
Geocentric position (AU)	+0.01108358	+0.00141487	-0.00035740	

C/2004 F6	2004 03 23.01742	00 28 52.7	+00 04 17	249
Geocentric position (AU)	+0.01108346	+0.00141674	-0.00035675	
C/2004 F6	2004 03 23.03687	00 28 31.4	+00 04 33	249
Geocentric position (AU)	+0.01108340	+0.00141761	-0.00035645	
C/2004 F6	2004 03 23.18409	00 26 27.1	+00 17 01	249
Geocentric position (AU)	+0.01108296	+0.00142418	-0.00035414	
C/2004 F6	2004 03 23.20354	00 26 09.1	+00 18 54	249
Geocentric position (AU)	+0.01108290	+0.00142505	-0.00035383	
C/2004 F6	2004 03 23.22577	00 25 49.1	+00 20 34	249
Geocentric position (AU)	+0.01108283	+0.00142604	-0.00035348	
C/2004 F6	2004 03 23.24520	00 25 23.2	+00 22 08	249
Geocentric position (AU)	+0.01108277	+0.00142690	-0.00035317	
C/2004 F6	2004 03 23.26743	00 25 09.5	+00 23 51	249
Geocentric position (AU)	+0.01108269	+0.00142789	-0.00035282	
C/2004 F6	2004 03 23.28687	00 24 48.5	+00 26 01	249
Geocentric position (AU)	+0.01108263	+0.00142875	-0.00035252	
C/2004 F6	2004 03 23.30909	00 24 24.5	+00 27 43	249
Geocentric position (AU)	+0.01108256	+0.00142974	-0.00035217	
C/2004 F6	2004 03 23.32854	00 24 05.3	+00 29 51	249
Geocentric position (AU)	+0.01108249	+0.00143060	-0.00035186	
C/2004 F6	2004 03 23.35076	00 23 41.7	+00 31 54	249
Geocentric position (AU)	+0.01108241	+0.00143159	-0.00035151	
C/2004 F6	2004 03 23.37020	00 23 21.9	+00 33 35	249
Geocentric position (AU)	+0.01108235	+0.00143245	-0.00035121	
C/2004 F6	2004 03 23.39243	00 22 57.6	+00 36 04	249
Geocentric position (AU)	+0.01108227	+0.00143343	-0.00035085	
C/2004 F6	2004 03 23.41188	00 22 35.9	+00 37 32	249
Geocentric position (AU)	+0.01108220	+0.00143429	-0.00035055	
C/2004 F6	2004 03 23.43414	00 22 10.8	+00 39 40	249
Geocentric position (AU)	+0.01108212	+0.00143527	-0.00035020	
C/2004 F6	2004 03 23.45354	00 21 48.7	+00 41 37	249
Geocentric position (AU)	+0.01108205	+0.00143613	-0.00034989	
C/2004 F6	2004 03 23.47577	00 21 21.2	+00 43 46	249
Geocentric position (AU)	+0.01108197	+0.00143711	-0.00034954	
C/2004 F6	2004 03 23.49521	00 20 58.3	+00 45 44	249
Geocentric position (AU)	+0.01108190	+0.00143797	-0.00034923	
C/2004 F6	2004 03 23.51745	00 20 30.1	+00 47 53	249
Geocentric position (AU)	+0.01108182	+0.00143894	-0.00034888	
C/2004 F6	2004 03 23.53687	00 20 03.7	+00 49 48	249
Geocentric position (AU)	+0.01108175	+0.00143980	-0.00034857	
C/2004 F6	2004 03 23.55562	00 19 39.8	+00 52 05	249
Geocentric position (AU)	+0.01108167	+0.00144063	-0.00034828	
C/2004 F6	2004 03 23.55910	00 19 35.2	+00 52 25	249
Geocentric position (AU)	+0.01108166	+0.00144078	-0.00034822	
C/2004 F6	2004 03 23.56953	00 19 21.4	+00 53 43	249
Geocentric position (AU)	+0.01108162	+0.00144124	-0.00034806	
C/2004 F6	2004 03 23.57854	00 19 10.2	+00 54 44	249
Geocentric position (AU)	+0.01108159	+0.00144163	-0.00034791	
C/2004 F6	2004 03 23.58340	00 19 02.6	+00 55 04	249
Geocentric position (AU)	+0.01108157	+0.00144185	-0.00034784	
C/2004 F6	2004 03 23.59729	00 18 42.8	+00 56 43	249
Geocentric position (AU)	+0.01108151	+0.00144245	-0.00034762	

C/2004 F6	2004 03 23.60076	00 18 42.5	+00 57 19	249
Geocentric position (AU)	+0.01108150	+0.00144261	-0.00034756	
C/2004 F6	2004 03 23.61119	00 18 22.7	+00 58 14	249
Geocentric position (AU)	+0.01108146	+0.00144306	-0.00034740	
C/2004 F6	2004 03 23.63895	00 17 41.6	+01 01 21	249
Geocentric position (AU)	+0.01108135	+0.00144428	-0.00034696	

C/2004 F7 (SOHO)

C/2004 F7	2004 03 26.07854	00 33 12.0	+01 34 13	249
Geocentric position (AU)	+0.01106727	+0.00154609	-0.00030775	
C/2004 F7	2004 03 26.10076	00 32 56.2	+01 36 57	249
Geocentric position (AU)	+0.01106710	+0.00154697	-0.00030739	
C/2004 F7	2004 03 26.12020	00 32 33.7	+01 39 18	249
Geocentric position (AU)	+0.01106696	+0.00154774	-0.00030707	
C/2004 F7	2004 03 26.14242	00 32 06.3	+01 42 04	249
Geocentric position (AU)	+0.01106679	+0.00154862	-0.00030671	
C/2004 F7	2004 03 26.16187	00 31 49.8	+01 43 09	249
Geocentric position (AU)	+0.01106665	+0.00154939	-0.00030639	
C/2004 F7	2004 03 26.18410	00 31 20.7	+01 45 27	249
Geocentric position (AU)	+0.01106649	+0.00155026	-0.00030603	
C/2004 F7	2004 03 26.26395	00 29 47.6	+01 54 42	249
Geocentric position (AU)	+0.01106588	+0.00155341	-0.00030473	
C/2004 F7	2004 03 26.27785	00 29 25.7	+01 55 23	249
Geocentric position (AU)	+0.01106578	+0.00155396	-0.00030450	
C/2004 F7	2004 03 26.29173	00 29 07.5	+01 57 20	249
Geocentric position (AU)	+0.01106567	+0.00155450	-0.00030428	

C/2004 G1 (LINEAR)

C/2004 G1	2004 04 12.00889	18 47 40.09	+76 03 11.0	16.6 T	A54
C/2004 G1	2004 04 12.01047	18 47 42.23	+76 03 19.5	16.4 T	A54

C/2004 G3 (SOHO)

C/2004 G3	2004 04 02.97585	01 01 11.4	+03 52 39	249
Geocentric position (AU)	+0.01099830	+0.00181401	-0.00017332	
C/2004 G3	2004 04 02.99521	01 00 57.5	+03 54 23	249
Geocentric position (AU)	+0.01099816	+0.00181460	-0.00017296	
C/2004 G3	2004 04 03.01742	01 00 38.7	+03 56 56	249
Geocentric position (AU)	+0.01099800	+0.00181527	-0.00017254	
C/2004 G3	2004 04 03.03687	01 00 23.0	+03 59 36	249
Geocentric position (AU)	+0.01099785	+0.00181587	-0.00017218	
C/2004 G3	2004 04 03.05909	01 00 03.6	+04 02 29	249
Geocentric position (AU)	+0.01099769	+0.00181654	-0.00017177	
C/2004 G3	2004 04 03.10077	00 59 31.4	+04 07 01	249
Geocentric position (AU)	+0.01099738	+0.00181782	-0.00017099	
C/2004 G3	2004 04 03.12021	00 59 08.8	+04 09 10	249
Geocentric position (AU)	+0.01099724	+0.00181841	-0.00017062	
C/2004 G3	2004 04 03.14244	00 58 50.3	+04 11 49	249
Geocentric position (AU)	+0.01099708	+0.00181909	-0.00017021	
C/2004 G3	2004 04 03.16187	00 58 30.3	+04 14 31	249
Geocentric position (AU)	+0.01099694	+0.00181968	-0.00016984	
C/2004 G3	2004 04 03.18409	00 58 12.0	+04 17 12	249
Geocentric position (AU)	+0.01099678	+0.00182036	-0.00016943	
C/2004 G3	2004 04 03.20354	00 57 53.1	+04 18 37	249
Geocentric position (AU)	+0.01099664	+0.00182095	-0.00016906	

C/2004 G3	2004 04 03.22576	00 57 26.6	+04 23 43	249
Geocentric position (AU)	+0.01099648	+0.00182163	-0.00016864	
C/2004 G3	2004 04 03.24520	00 57 13.2	+04 25 43	249
Geocentric position (AU)	+0.01099634	+0.00182222	-0.00016828	
C/2004 G3	2004 04 03.25007	00 57 01.8	+04 26 44	249
Geocentric position (AU)	+0.01099631	+0.00182237	-0.00016818	
C/2004 G3	2004 04 03.26396	00 56 46.8	+04 28 55	249
Geocentric position (AU)	+0.01099621	+0.00182279	-0.00016792	
C/2004 G3	2004 04 03.26742	00 56 46.8	+04 28 51	249
Geocentric position (AU)	+0.01099618	+0.00182290	-0.00016786	
C/2004 G3	2004 04 03.27785	00 56 33.8	+04 30 49	249
Geocentric position (AU)	+0.01099611	+0.00182322	-0.00016766	
C/2004 G3	2004 04 03.29173	00 56 18.6	+04 32 40	249
Geocentric position (AU)	+0.01099601	+0.00182364	-0.00016740	
C/2004 G3	2004 04 03.30562	00 56 07.2	+04 34 04	249
Geocentric position (AU)	+0.01099591	+0.00182406	-0.00016714	
C/2004 G3	2004 04 03.31951	00 55 52.8	+04 36 04	249
Geocentric position (AU)	+0.01099581	+0.00182449	-0.00016687	
C/2004 G3	2004 04 03.33340	00 55 38.8	+04 38 26	249
Geocentric position (AU)	+0.01099571	+0.00182491	-0.00016661	
C/2004 G3	2004 04 03.34729	00 55 23.1	+04 40 14	249
Geocentric position (AU)	+0.01099561	+0.00182533	-0.00016635	
C/2004 G3	2004 04 03.36117	00 55 08.7	+04 42 46	249
Geocentric position (AU)	+0.01099552	+0.00182576	-0.00016609	
C/2004 G3	2004 04 03.37506	00 54 49.6	+04 44 52	249
Geocentric position (AU)	+0.01099542	+0.00182618	-0.00016582	
C/2004 G3	2004 04 03.38895	00 54 36.3	+04 47 14	249
Geocentric position (AU)	+0.01099532	+0.00182660	-0.00016556	

C/2004 G4 (SOHO)

C/2004 G4	2004 04 03.99521	01 11 29.9	+04 37 24	249
Geocentric position (AU)	+0.01099123	+0.00184515	-0.00015391	
C/2004 G4	2004 04 04.01742	01 11 10.3	+04 39 21	249
Geocentric position (AU)	+0.01099109	+0.00184584	-0.00015348	
C/2004 G4	2004 04 04.03687	01 11 00.0	+04 41 11	249
Geocentric position (AU)	+0.01099096	+0.00184643	-0.00015310	
C/2004 G4	2004 04 04.05910	01 10 40.8	+04 42 26	249
Geocentric position (AU)	+0.01099082	+0.00184712	-0.00015267	
C/2004 G4	2004 04 04.07854	01 10 28.0	+04 43 22	249
Geocentric position (AU)	+0.01099069	+0.00184771	-0.00015228	
C/2004 G4	2004 04 04.10076	01 10 08.4	+04 46 26	249
Geocentric position (AU)	+0.01099055	+0.00184840	-0.00015185	
C/2004 G4	2004 04 04.12020	01 09 53.2	+04 48 08	249
Geocentric position (AU)	+0.01099043	+0.00184899	-0.00015147	
C/2004 G4	2004 04 04.14242	01 09 33.2	+04 50 03	249
Geocentric position (AU)	+0.01099029	+0.00184968	-0.00015103	
C/2004 G4	2004 04 04.16187	01 09 16.6	+04 51 26	249
Geocentric position (AU)	+0.01099017	+0.00185028	-0.00015065	
C/2004 G4	2004 04 04.18409	01 08 58.5	+04 54 15	249
Geocentric position (AU)	+0.01099003	+0.00185096	-0.00015021	
C/2004 G4	2004 04 04.20354	01 08 40.9	+04 55 14	249
Geocentric position (AU)	+0.01098990	+0.00185156	-0.00014983	

C/2004 G4	2004 04 04.22576	01 08 22.6	+04 55 45	249
Geocentric position (AU)	+0.01098976	+0.00185225	-0.00014939	
C/2004 G4	2004 04 04.24520	01 08 00.3	+04 57 08	249
Geocentric position (AU)	+0.01098964	+0.00185285	-0.00014901	
C/2004 G4	2004 04 04.28687	01 07 28.4	+05 02 42	249
Geocentric position (AU)	+0.01098938	+0.00185413	-0.00014818	
C/2004 G4	2004 04 04.30909	01 07 06.3	+05 04 04	249
Geocentric position (AU)	+0.01098925	+0.00185482	-0.00014774	
C/2004 G4	2004 04 04.35077	01 06 27.3	+05 07 32	249
Geocentric position (AU)	+0.01098899	+0.00185610	-0.00014692	
C/2004 G4	2004 04 04.37021	01 06 03.0	+05 10 13	249
Geocentric position (AU)	+0.01098887	+0.00185670	-0.00014653	
C/2004 G4	2004 04 04.39242	01 05 48.4	+05 11 50	249
Geocentric position (AU)	+0.01098874	+0.00185739	-0.00014609	
C/2004 G4	2004 04 04.41187	01 05 21.9	+05 13 41	249
Geocentric position (AU)	+0.01098862	+0.00185799	-0.00014570	
C/2004 G4	2004 04 04.51395	01 03 38.6	+05 24 45	249
Geocentric position (AU)	+0.01098800	+0.00186116	-0.00014366	
C/2004 G4	2004 04 04.52785	01 03 23.0	+05 26 07	249
Geocentric position (AU)	+0.01098792	+0.00186159	-0.00014338	
C/2004 G4	2004 04 04.54521	01 03 02.5	+05 27 58	249
Geocentric position (AU)	+0.01098782	+0.00186213	-0.00014303	
C/2004 G4	2004 04 04.55562	01 02 50.1	+05 29 09	249
Geocentric position (AU)	+0.01098776	+0.00186245	-0.00014282	
C/2004 G4	2004 04 04.56952	01 02 33.5	+05 30 48	249
Geocentric position (AU)	+0.01098767	+0.00186288	-0.00014254	
C/2004 G4	2004 04 04.58340	01 02 16.6	+05 32 18	249
Geocentric position (AU)	+0.01098759	+0.00186331	-0.00014226	
C/2004 G4	2004 04 04.59729	01 01 59.4	+05 33 53	249
Geocentric position (AU)	+0.01098751	+0.00186374	-0.00014199	
C/2004 G4	2004 04 04.61118	01 01 40.6	+05 35 30	249
Geocentric position (AU)	+0.01098743	+0.00186418	-0.00014171	
C/2004 G4	2004 04 04.62506	01 01 23.4	+05 37 09	249
Geocentric position (AU)	+0.01098735	+0.00186461	-0.00014143	
C/2004 G4	2004 04 04.63896	01 01 06.0	+05 38 56	249
Geocentric position (AU)	+0.01098727	+0.00186504	-0.00014114	
C/2004 G4	2004 04 04.65284	01 00 45.6	+05 40 38	249
Geocentric position (AU)	+0.01098719	+0.00186547	-0.00014086	

C/2004 G5 (SOHO)

C/2004 G5	2004 04 10.75423	01 26 54.8	+07 35 21	249
Geocentric position (AU)	+0.01096023	+0.00208730	+0.00001235	
C/2004 G5	2004 04 10.77090	01 26 39.4	+07 37 23	249
Geocentric position (AU)	+0.01096013	+0.00208803	+0.00001287	
C/2004 G5	2004 04 10.78756	01 26 16.1	+07 39 57	249
Geocentric position (AU)	+0.01096004	+0.00208876	+0.00001339	
C/2004 G5	2004 04 10.81364	01 25 51.4	+07 42 25	249
Geocentric position (AU)	+0.01095990	+0.00208991	+0.00001420	
C/2004 G5	2004 04 10.82923	01 25 34.9	+07 44 26	249
Geocentric position (AU)	+0.01095981	+0.00209059	+0.00001469	
C/2004 G5	2004 04 10.83758	01 25 25.1	+07 45 07	249
Geocentric position (AU)	+0.01095977	+0.00209096	+0.00001495	

C/2004 G5	2004 04 10.85423	01 25 06.7	+07 47 19	249
Geocentric position (AU)	+0.01095968	+0.00209169	+0.00001548	

C/2004 G6 (SOHO)

C/2004 G6	2004 04 11.78756	01 30 37.8	+07 57 53	249
Geocentric position (AU)	+0.01095382	+0.00213407	+0.00004576	
C/2004 G6	2004 04 11.81370	01 30 11.2	+08 00 41	249
Geocentric position (AU)	+0.01095363	+0.00213529	+0.00004663	
C/2004 G6	2004 04 11.82923	01 29 54.3	+08 02 35	249
Geocentric position (AU)	+0.01095352	+0.00213602	+0.00004715	
C/2004 G6	2004 04 11.83756	01 29 46.1	+08 03 24	249
Geocentric position (AU)	+0.01095346	+0.00213641	+0.00004743	
C/2004 G6	2004 04 11.85423	01 29 27.9	+08 05 09	249
Geocentric position (AU)	+0.01095334	+0.00213719	+0.00004799	
C/2004 G6	2004 04 11.89595	01 28 41.9	+08 10 28	249
Geocentric position (AU)	+0.01095304	+0.00213915	+0.00004940	
C/2004 G6	2004 04 11.91256	01 28 22.8	+08 12 28	249
Geocentric position (AU)	+0.01095292	+0.00213994	+0.00004996	
C/2004 G6	2004 04 11.92090	01 28 12.8	+08 13 21	249
Geocentric position (AU)	+0.01095286	+0.00214033	+0.00005024	
C/2004 G6	2004 04 11.93758	01 27 53.1	+08 15 47	249
Geocentric position (AU)	+0.01095274	+0.00214111	+0.00005080	
C/2004 G6	2004 04 11.96307	01 27 21.2	+08 19 08	249
Geocentric position (AU)	+0.01095255	+0.00214232	+0.00005167	
C/2004 G6	2004 04 11.97923	01 27 00.5	+08 21 24	249
Geocentric position (AU)	+0.01095243	+0.00214308	+0.00005222	

C/2004 G7 (SOHO)

C/2004 G7	2004 04 13.86812	01 37 54.7	+08 36 30	249
Geocentric position (AU)	+0.01093440	+0.00223728	+0.00012017	
C/2004 G7	2004 04 13.89316	01 37 34.2	+08 38 59	249
Geocentric position (AU)	+0.01093410	+0.00223859	+0.00012112	
C/2004 G7	2004 04 13.90979	01 37 16.5	+08 41 24	249
Geocentric position (AU)	+0.01093390	+0.00223947	+0.00012175	
C/2004 G7	2004 04 13.92090	01 37 04.5	+08 42 35	249
Geocentric position (AU)	+0.01093376	+0.00224005	+0.00012217	
C/2004 G7	2004 04 13.93479	01 36 51.9	+08 44 12	249
Geocentric position (AU)	+0.01093360	+0.00224078	+0.00012270	
C/2004 G7	2004 04 13.97645	01 36 03.6	+08 50 06	249
Geocentric position (AU)	+0.01093309	+0.00224297	+0.00012429	
C/2004 G7	2004 04 13.99312	01 35 44.5	+08 52 26	249
Geocentric position (AU)	+0.01093289	+0.00224385	+0.00012493	

C/2004 G8 (SOHO)

C/2004 G8	2004 04 13.93479	01 38 38.6	+08 40 33	249
Geocentric position (AU)	+0.01093360	+0.00224078	+0.00012270	
C/2004 G8	2004 04 13.97645	01 37 56.1	+08 45 27	249
Geocentric position (AU)	+0.01093309	+0.00224297	+0.00012429	
C/2004 G8	2004 04 13.99312	01 37 39.9	+08 47 31	249
Geocentric position (AU)	+0.01093289	+0.00224385	+0.00012493	
C/2004 G8	2004 04 14.00424	01 37 28.2	+08 48 57	249
Geocentric position (AU)	+0.01093272	+0.00224440	+0.00012527	
C/2004 G8	2004 04 14.01812	01 37 13.6	+08 50 28	249
Geocentric position (AU)	+0.01093254	+0.00224513	+0.00012580	

C/2004 G8	2004 04 14.03500	01 36 55.5	+08 52 40	249
Geocentric position (AU)	+0.01093234	+0.00224602	+0.00012645	
C/2004 G8	2004 04 14.06057	01 36 28.1	+08 55 51	249
Geocentric position (AU)	+0.01093202	+0.00224737	+0.00012743	
C/2004 G8	2004 04 14.07645	01 36 10.1	+08 57 59	249
Geocentric position (AU)	+0.01093182	+0.00224821	+0.00012804	
C/2004 G8	2004 04 14.08758	01 35 57.4	+08 59 29	249
Geocentric position (AU)	+0.01093168	+0.00224880	+0.00012847	

C/2004 G9 (SOHO)

C/2004 G9	2004 04 15.61812	01 44 39.6	+09 14 44	249
Geocentric position (AU)	+0.01090901	+0.00233257	+0.00018966	
C/2004 G9	2004 04 15.62923	01 44 29.2	+09 16 08	249
Geocentric position (AU)	+0.01090882	+0.00233319	+0.00019012	
C/2004 G9	2004 04 15.64312	01 44 16.8	+09 17 43	249
Geocentric position (AU)	+0.01090857	+0.00233398	+0.00019069	
C/2004 G9	2004 04 15.65979	01 43 59.8	+09 19 41	249
Geocentric position (AU)	+0.01090829	+0.00233492	+0.00019139	
C/2004 G9	2004 04 15.67090	01 43 49.3	+09 21 03	249
Geocentric position (AU)	+0.01090809	+0.00233555	+0.00019185	
C/2004 G9	2004 04 15.68478	01 43 35.3	+09 22 51	249
Geocentric position (AU)	+0.01090785	+0.00233634	+0.00019242	
C/2004 G9	2004 04 15.70145	01 43 18.8	+09 24 56	249
Geocentric position (AU)	+0.01090756	+0.00233728	+0.00019312	
C/2004 G9	2004 04 15.71256	01 43 06.7	+09 26 22	249
Geocentric position (AU)	+0.01090737	+0.00233791	+0.00019358	
C/2004 G9	2004 04 15.72645	01 42 52.4	+09 28 06	249
Geocentric position (AU)	+0.01090712	+0.00233869	+0.00019416	
C/2004 G9	2004 04 15.74313	01 42 34.6	+09 30 14	249
Geocentric position (AU)	+0.01090683	+0.00233964	+0.00019485	

P/2004 H2 (Larsen)

P/2004 H2	2004 06 13.62916	15 48 06.59	-02 52 51.7	19.3 T	360
P/2004 H2	2004 06 13.63387	15 48 06.45	-02 52 53.4		360
P/2004 H2	2004 06 13.63932	15 48 06.35	-02 52 54.7		360
P/2004 H2	2004 06 21.88689	15 45 17.05	-03 31 51.9		246
P/2004 H2	2004 06 21.88855	15 45 17.04	-03 31 52.8		246
P/2004 H2	2004 06 21.89024	15 45 17.03	-03 31 53.1		246
P/2004 H2	2004 06 22.18233	15 45 12.50	-03 33 26.1	20.4 T	691
P/2004 H2	2004 06 22.21347	15 45 11.94	-03 33 35.7	20.3 T	691
P/2004 H2	2004 06 22.24098	15 45 11.45	-03 33 44.2	21.0 T	691
P/2004 H2	2004 07 09.94203	15 44 05.78	-05 27 40.4		213
P/2004 H2	2004 07 09.94395	15 44 05.80	-05 27 41.2		213
P/2004 H2	2004 07 09.94584	15 44 05.79	-05 27 41.7		213

P/2004 H3 (Larsen)

P/2004 H3	2004 06 05.95846	14 28 57.55	-06 35 27.9		170
P/2004 H3	2004 06 05.96154	14 28 57.53	-06 35 25.9		170
P/2004 H3	2004 06 05.96426	14 28 57.56	-06 35 24.8		170
P/2004 H3	2004 06 13.55451	14 28 57.82	-05 29 47.8	19.7 T	360
P/2004 H3	2004 06 13.55801	14 28 57.78	-05 29 45.4		360
P/2004 H3	2004 06 13.56234	14 28 57.83	-05 29 43.7		360

C/2004 H6 (SWAN)

C/2004 H6	2004 06 15.40238	02 46 10.68	-13 24 47.1	13.7 N	I05
C/2004 H6	2004 06 15.40339	02 46 10.53	-13 24 46.9	14.1 N	I05
C/2004 H6	2004 06 15.40436	02 46 10.39	-13 24 47.2	14.0 N	I05
C/2004 H6	2004 06 15.40553	02 46 10.20	-13 24 47.3	14.4 N	I05
C/2004 H6	2004 06 15.40650	02 46 10.06	-13 24 46.6	14.0 N	I05
C/2004 H6	2004 06 21.85405	02 29 13.80	-13 19 04.4	12.5 T	D86
C/2004 H6	2004 06 21.86991	02 29 11.30	-13 19 01.6	13.1 T	D86
C/2004 H6	2004 06 23.37312	02 24 42.31	-13 17 10.8	14.9 N	I05
C/2004 H6	2004 06 23.37410	02 24 42.13	-13 17 11.1	15.0 N	I05
C/2004 H6	2004 06 24.41544	02 21 26.93	-13 15 51.0	14.9 N	I05
C/2004 H6	2004 06 24.41641	02 21 26.79	-13 15 50.4	14.8 N	I05
C/2004 H6	2004 06 24.41738	02 21 26.59	-13 15 50.7	14.6 N	I05
C/2004 H6	2004 06 26.75737	02 13 39.42	-13 12 30.7	12.9 T	D86
C/2004 H6	2004 06 26.76085	02 13 38.83	-13 12 30.8	13.2 T	D86
C/2004 H6	2004 06 26.76378	02 13 37.85	-13 12 33.5	13.0 T	D86
C/2004 H6	2004 06 30.78861	01 58 24.38	-13 05 53.9		360
C/2004 H6	2004 06 30.79000	01 58 24.03	-13 05 53.6		360
C/2004 H6	2004 06 30.79163	01 58 23.61	-13 05 53.4		360
C/2004 H6	2004 07 01.75456	01 54 21.13	-13 04 01.1		349
C/2004 H6	2004 07 01.75505	01 54 21.01	-13 04 01.0		349
C/2004 H6	2004 07 01.75552	01 54 20.90	-13 04 01.0	10.2 T	349
C/2004 H6	2004 07 02.76557	01 49 55.38	-13 01 55.3		349
C/2004 H6	2004 07 02.76722	01 49 54.93	-13 01 55.2		349
C/2004 H6	2004 07 02.77057	01 49 54.03	-13 01 54.8	10.8 T	349
C/2004 H6	2004 07 10.06326	01 11 17.14	-12 40 03.1	14.5 N	213
C/2004 H6	2004 07 10.06424	01 11 16.92	-12 40 02.6	14.5 N	213
C/2004 H6	2004 07 10.06507	01 11 16.43	-12 40 02.7	14.5 N	213

C/2004 H7 (SOHO)

C/2004 H7	2004 04 18.82437	01 56 01.8	+10 20 23		249
Geocentric position (AU)	+0.01083629	+0.00252295	+0.00033117		
C/2004 H7	2004 04 18.83895	01 55 49.6	+10 21 00		249
Geocentric position (AU)	+0.01083588	+0.00252385	+0.00033185		
C/2004 H7	2004 04 18.86256	01 55 27.5	+10 24 33		249
Geocentric position (AU)	+0.01083521	+0.00252531	+0.00033295		
C/2004 H7	2004 04 18.88062	01 55 13.9	+10 26 28		249
Geocentric position (AU)	+0.01083470	+0.00252643	+0.00033379		
C/2004 H7	2004 04 18.90424	01 54 50.5	+10 29 57		249
Geocentric position (AU)	+0.01083402	+0.00252790	+0.00033489		
C/2004 H7	2004 04 18.92230	01 54 34.2	+10 32 07		249
Geocentric position (AU)	+0.01083351	+0.00252901	+0.00033574		
C/2004 H7	2004 04 18.94590	01 54 11.2	+10 35 11		249
Geocentric position (AU)	+0.01083283	+0.00253048	+0.00033684		
C/2004 H7	2004 04 18.96397	01 53 52.2	+10 37 39		249
Geocentric position (AU)	+0.01083231	+0.00253160	+0.00033768		

C/2004 H8 (SOHO)

C/2004 H8	2004 04 19.08895	01 56 29.0	+10 21 39		249
Geocentric position (AU)	+0.01082868	+0.00253936	+0.00034354		
C/2004 H8	2004 04 19.11256	01 56 03.4	+10 24 56		249
Geocentric position (AU)	+0.01082799	+0.00254083	+0.00034465		
C/2004 H8	2004 04 19.13062	01 55 47.0	+10 27 27		249
Geocentric position (AU)	+0.01082746	+0.00254196	+0.00034549		

C/2004 H8 2004 04 19.15423 01 55 29.0 +10 30 05 249
 Geocentric position (AU) +0.01082677 +0.00254343 +0.00034660
 C/2004 H8 2004 04 19.17231 01 55 10.3 +10 32 46 249
 Geocentric position (AU) +0.01082624 +0.00254456 +0.00034745

C/2004 H9 (SOHO)

C/2004 H9 2004 04 19.19590 01 55 21.5 +10 13 56 249
 Geocentric position (AU) +0.01082554 +0.00254603 +0.00034856
 C/2004 H9 2004 04 19.21396 01 55 01.2 +10 18 13 249
 Geocentric position (AU) +0.01082500 +0.00254715 +0.00034941
 C/2004 H9 2004 04 19.23756 01 54 49.2 +10 19 33 249
 Geocentric position (AU) +0.01082430 +0.00254862 +0.00035052
 C/2004 H9 2004 04 19.25562 01 54 32.9 +10 22 23 249
 Geocentric position (AU) +0.01082376 +0.00254975 +0.00035137
 C/2004 H9 2004 04 19.27923 01 54 10.9 +10 25 59 249
 Geocentric position (AU) +0.01082306 +0.00255123 +0.00035249
 C/2004 H9 2004 04 19.32090 01 53 33.6 +10 32 47 249
 Geocentric position (AU) +0.01082181 +0.00255383 +0.00035445
 C/2004 H9 2004 04 19.33897 01 53 17.0 +10 35 11 249
 Geocentric position (AU) +0.01082127 +0.00255496 +0.00035531

C/2004 H10 (SOHO)

C/2004 H10 2004 04 30.18480 02 35 35.0 +13 33 07 249
 Geocentric position (AU) +0.01031845 +0.00328433 +0.00092468
 C/2004 H10 2004 04 30.20145 02 35 24.2 +13 35 42 249
 Geocentric position (AU) +0.01031746 +0.00328554 +0.00092564
 C/2004 H10 2004 04 30.21257 02 35 16.9 +13 37 19 249
 Geocentric position (AU) +0.01031679 +0.00328634 +0.00092627
 C/2004 H10 2004 04 30.22646 02 35 08.0 +13 39 43 249
 Geocentric position (AU) +0.01031597 +0.00328735 +0.00092707
 C/2004 H10 2004 04 30.24313 02 34 56.8 +13 42 21 249
 Geocentric position (AU) +0.01031497 +0.00328856 +0.00092802
 C/2004 H10 2004 04 30.25423 02 34 49.5 +13 44 12 249
 Geocentric position (AU) +0.01031431 +0.00328937 +0.00092866
 C/2004 H10 2004 04 30.26812 02 34 39.2 +13 46 32 249
 Geocentric position (AU) +0.01031349 +0.00329037 +0.00092945

P/2004 HC₁₈ (LINEAR)

P/2004 HC₁₈ 2004 06 04.49346 15 05 41.67 +03 18 20.9 15.7 T 900
 P/2004 HC₁₈ 2004 06 04.49707 15 05 41.81 +03 18 25.7 16.3 T 900
 P/2004 HC₁₈ 2004 06 12.98809 15 07 54.76 +05 47 07.9 16.7 T A01
 P/2004 HC₁₈ 2004 06 12.99005 15 07 54.83 +05 47 09.6 16.6 T A01
 P/2004 HC₁₈ 2004 06 12.99802 15 07 54.96 +05 47 18.1 16.7 N A02
 P/2004 HC₁₈ 2004 06 13.00182 15 07 55.04 +05 47 19.9 16.5 T A01
 P/2004 HC₁₈ 2004 06 13.00439 15 07 55.14 +05 47 22.8 16.7 N A02
 P/2004 HC₁₈ 2004 06 13.00650 15 07 55.20 +05 47 24.5 16.7 N A02
 P/2004 HC₁₈ 2004 06 13.53330 15 08 07.69 +05 55 08.9 17.0 T 360
 P/2004 HC₁₈ 2004 06 13.53590 15 08 07.75 +05 55 11.3 360
 P/2004 HC₁₈ 2004 06 13.58292 15 08 08.69 +05 55 52.4 16.3 T 900
 P/2004 HC₁₈ 2004 06 13.58499 15 08 08.67 +05 55 53.2 349
 P/2004 HC₁₈ 2004 06 13.59082 15 08 08.80 +05 55 58.4 349
 P/2004 HC₁₈ 2004 06 13.59665 15 08 08.91 +05 56 03.1 16.9 T 349
 P/2004 HC₁₈ 2004 06 13.60455 15 08 09.12 +05 56 10.5 17.4 T 900
 P/2004 HC₁₈ 2004 06 13.65600 15 08 10.17 +05 56 55.0 17.1 T D74

P/2004 HC₁₈ 2004 06 13.67236 15 08 10.50 +05 57 08.8 16.9 T D74
 P/2004 HC₁₈ 2004 06 13.95821 15 08 17.63 +06 01 11.5 A46
 P/2004 HC₁₈ 2004 06 13.95917 15 08 17.63 +06 01 11.8 A46
 P/2004 HC₁₈ 2004 06 13.96013 15 08 17.64 +06 01 12.9 A46
 P/2004 HC₁₈ 2004 06 13.96109 15 08 17.66 +06 01 13.2 A46
 P/2004 HC₁₈ 2004 06 13.96193 15 08 17.69 +06 01 14.2 A46
 P/2004 HC₁₈ 2004 06 13.96483 15 08 17.71 +06 01 16.7 A46
 P/2004 HC₁₈ 2004 06 14.57071 15 08 32.89 +06 09 47.5 D70
 P/2004 HC₁₈ 2004 06 14.57380 15 08 32.99 +06 09 50.3 D70
 P/2004 HC₁₈ 2004 06 14.57742 15 08 33.09 +06 09 51.8 16.6 N D70
 P/2004 HC₁₈ 2004 06 17.89726 15 10 06.78 +06 52 06.5 16.5 N 442
 P/2004 HC₁₈ 2004 06 17.89848 15 10 06.66 +06 52 10.4 16.5 N 442
 P/2004 HC₁₈ 2004 06 18.88020 15 10 37.98 +07 03 23.0 170
 P/2004 HC₁₈ 2004 06 18.88329 15 10 38.07 +07 03 25.4 170
 P/2004 HC₁₈ 2004 06 18.88639 15 10 38.16 +07 03 27.3 170
 P/2004 HC₁₈ 2004 06 18.95056 15 10 39.98 +07 04 11.2 16.6 N 442
 P/2004 HC₁₈ 2004 06 18.95131 15 10 40.10 +07 04 10.7 16.5 N 442
 P/2004 HC₁₈ 2004 06 19.97667 15 11 14.50 +07 15 12.1 16.5 T A01
 P/2004 HC₁₈ 2004 06 19.98451 15 11 14.74 +07 15 16.8 16.6 T A01
 P/2004 HC₁₈ 2004 06 19.98844 15 11 14.86 +07 15 19.6 16.4 T A01
 P/2004 HC₁₈ 2004 06 20.32303 15 11 26.52 +07 18 50.4 16.2 T 703
 P/2004 HC₁₈ 2004 06 20.32984 15 11 26.75 +07 18 54.5 16.1 T 703
 P/2004 HC₁₈ 2004 06 20.33659 15 11 26.96 +07 18 59.1 16.1 T 703
 P/2004 HC₁₈ 2004 06 20.34334 15 11 27.18 +07 19 02.4 16.1 T 703
 P/2004 HC₁₈ 2004 06 21.22523 15 11 59.11 +07 27 52.8 18.2 T 704
 P/2004 HC₁₈ 2004 06 21.23472 15 11 59.47 +07 27 58.9 18.3 T 704
 P/2004 HC₁₈ 2004 06 21.24440 15 11 59.78 +07 28 04.4 18.5 T 704
 P/2004 HC₁₈ 2004 06 21.25388 15 12 00.13 +07 28 09.8 18.6 T 704
 P/2004 HC₁₈ 2004 06 21.26335 15 12 00.45 +07 28 15.8 18.0 T 704
 P/2004 HC₁₈ 2004 06 21.87772 15 12 23.47 +07 34 05.7 246
 P/2004 HC₁₈ 2004 06 21.87846 15 12 23.49 +07 34 06.0 246
 P/2004 HC₁₈ 2004 06 21.87946 15 12 23.53 +07 34 06.7 246
 P/2004 HC₁₈ 2004 06 21.88103 15 12 23.58 +07 34 07.4 246
 P/2004 HC₁₈ 2004 06 21.88190 15 12 23.61 +07 34 07.8 246
 P/2004 HC₁₈ 2004 06 21.88250 15 12 23.64 +07 34 08.0 246
 P/2004 HC₁₈ 2004 06 21.96234 15 12 26.38 +07 34 52.8 A46
 P/2004 HC₁₈ 2004 06 21.96332 15 12 26.52 +07 34 53.9 A46
 P/2004 HC₁₈ 2004 06 21.96718 15 12 26.63 +07 34 55.3 A46
 P/2004 HC₁₈ 2004 06 21.96815 15 12 26.65 +07 34 55.3 A46
 P/2004 HC₁₈ 2004 06 21.96911 15 12 26.71 +07 34 56.1 A46
 P/2004 HC₁₈ 2004 06 21.97008 15 12 26.74 +07 34 56.8 A46
 P/2004 HC₁₈ 2004 06 24.95668 15 14 27.59 +08 00 19.9 A46
 P/2004 HC₁₈ 2004 06 24.95765 15 14 27.57 +08 00 20.3 A46
 P/2004 HC₁₈ 2004 06 24.95861 15 14 27.66 +08 00 21.2 A46
 P/2004 HC₁₈ 2004 06 24.95958 15 14 27.71 +08 00 21.6 A46
 P/2004 HC₁₈ 2004 06 24.96150 15 14 27.82 +08 00 22.0 A46
 P/2004 HC₁₈ 2004 06 24.96345 15 14 27.94 +08 00 22.8 A46
 P/2004 HC₁₈ 2004 06 25.94601 15 15 10.93 +08 07 42.3 16.6 N 213
 P/2004 HC₁₈ 2004 06 25.94837 15 15 10.99 +08 07 43.1 16.7 N 213
 P/2004 HC₁₈ 2004 06 25.95069 15 15 11.06 +08 07 43.9 16.8 N 213
 P/2004 HC₁₈ 2004 06 26.85800 15 15 52.41 +08 14 00.0 18.5 N 130
 P/2004 HC₁₈ 2004 06 26.85850 15 15 52.49 +08 14 00.0 18.6 N 130
 P/2004 HC₁₈ 2004 06 26.89128 15 15 53.91 +08 14 14.0 17.0 N 939

P/2004 HC ₁₈	2004 06 26.89731	15 15 54.20	+08 14 16.2	17.0 N	939
P/2004 HC ₁₈	2004 06 26.90333	15 15 54.49	+08 14 18.7	17.0 N	939
P/2004 HC ₁₈	2004 06 26.94314	15 15 56.13	+08 14 33.0		A46
P/2004 HC ₁₈	2004 06 26.94410	15 15 56.16	+08 14 33.9		A46
P/2004 HC ₁₈	2004 06 26.94700	15 15 56.33	+08 14 34.8		A46
P/2004 HC ₁₈	2004 06 26.94894	15 15 56.42	+08 14 35.5		A46
P/2004 HC ₁₈	2004 06 26.94991	15 15 56.48	+08 14 36.3		A46
P/2004 HC ₁₈	2004 06 26.95087	15 15 56.56	+08 14 36.3		A46
P/2004 HC ₁₈	2004 06 27.22587	15 16 09.41	+08 16 27.2	16.2 T	703
P/2004 HC ₁₈	2004 06 27.23522	15 16 09.82	+08 16 30.5	16.4 T	703
P/2004 HC ₁₈	2004 06 27.24448	15 16 10.23	+08 16 34.2	16.0 T	703
P/2004 HC ₁₈	2004 06 27.25379	15 16 10.63	+08 16 37.8	16.2 T	703
P/2004 HC ₁₈	2004 06 30.18550	15 18 34.78	+08 33 30.9	18.0 T	673
P/2004 HC ₁₈	2004 06 30.19294	15 18 35.14	+08 33 32.9		673
P/2004 HC ₁₈	2004 06 30.19919	15 18 35.46	+08 33 35.2		673
P/2004 HC ₁₈	2004 06 30.20382	15 18 35.65	+08 33 36.6		673
P/2004 HC ₁₈	2004 07 03.90523	15 21 56.39	+08 49 04.1	17.0 N	939
P/2004 HC ₁₈	2004 07 03.91125	15 21 56.79	+08 49 05.2	16.9 N	939
P/2004 HC ₁₈	2004 07 03.91727	15 21 57.21	+08 49 06.5	16.9 N	939
P/2004 HC ₁₈	2004 07 04.89913	15 22 53.92	+08 52 11.2	17.0 N	939
P/2004 HC ₁₈	2004 07 04.90516	15 22 54.28	+08 52 12.1	17.0 N	939
P/2004 HC ₁₈	2004 07 04.90647	15 22 54.34	+08 52 09.6	18.6 T	A41
P/2004 HC ₁₈	2004 07 04.90817	15 22 54.46	+08 52 12.6	17.0 N	939
P/2004 HC ₁₈	2004 07 04.91788	15 22 55.03	+08 52 12.7	18.6 T	A41
P/2004 HC ₁₈	2004 07 04.92905	15 22 55.61	+08 52 14.4	18.2 T	A41
P/2004 HC ₁₈	2004 07 06.94000	15 24 56.36	+08 57 15.8		A46
P/2004 HC ₁₈	2004 07 06.94359	15 24 56.56	+08 57 16.6		A46
P/2004 HC ₁₈	2004 07 06.94463	15 24 56.71	+08 57 15.9		A46
P/2004 HC ₁₈	2004 07 06.94590	15 24 56.81	+08 57 15.9		A46
P/2004 HC ₁₈	2004 07 06.94943	15 24 56.98	+08 57 16.7		A46
P/2004 HC ₁₈	2004 07 06.95042	15 24 57.01	+08 57 17.2		A46
P/2004 HC ₁₈	2004 07 07.19572	15 25 12.18	+08 57 48.8	17.4 T	785
P/2004 HC ₁₈	2004 07 07.20995	15 25 12.92	+08 57 49.0	17.2 T	785
P/2004 HC ₁₈	2004 07 07.86714	15 25 54.21	+08 59 02.0	17.8 T	170
P/2004 HC ₁₈	2004 07 07.86791	15 25 54.26	+08 59 02.0	17.9 T	170
P/2004 HC ₁₈	2004 07 07.87100	15 25 54.45	+08 59 02.4	18.0 T	170
P/2004 HC ₁₈	2004 07 08.90326	15 27 00.00	+09 00 35.6	17.0 N	213
P/2004 HC ₁₈	2004 07 08.90553	15 27 00.20	+09 00 35.5	16.9 N	939
P/2004 HC ₁₈	2004 07 08.90560	15 27 00.17	+09 00 35.9	16.7 N	213
P/2004 HC ₁₈	2004 07 08.91295	15 27 00.66	+09 00 36.0	16.9 N	939
P/2004 HC ₁₈	2004 07 08.92036	15 27 01.08	+09 00 36.2	16.9 N	939

C/2004 HV₆₀ (Spacewatch)

C/2004 HV ₆₀	2004 05 09.35917	14 36 41.47	-19 20 59.0	20.6 T	568
C/2004 HV ₆₀	2004 05 09.36318	14 36 40.96	-19 21 01.2	20.6 T	568
C/2004 HV ₆₀	2004 05 09.36675	14 36 40.50	-19 21 03.3	20.5 T	568

C/2004 J1 (SOHO)

C/2004 J1	2004 05 02.78478	02 46 59.4	+14 29 28		249
Geocentric position (AU)	+0.01015729	+0.00347884	+0.00107720		
C/2004 J1	2004 05 02.81054	02 46 40.1	+14 33 16		249
Geocentric position (AU)	+0.01015563	+0.00348083	+0.00107876		
C/2004 J1	2004 05 02.82645	02 46 28.1	+14 35 34		249
Geocentric position (AU)	+0.01015460	+0.00348207	+0.00107972		

C/2004 J1	2004 05 02.83757	02 46 18.8	+14 37 21		249
Geocentric position (AU)	+0.01015389	+0.00348293	+0.00108039		
C/2004 J1	2004 05 02.85145	02 46 08.6	+14 39 43		249
Geocentric position (AU)	+0.01015299	+0.00348401	+0.00108123		
C/2004 J1	2004 05 02.86812	02 45 55.3	+14 42 25		249
Geocentric position (AU)	+0.01015191	+0.00348530	+0.00108223		
C/2004 J1	2004 05 02.89316	02 45 36.3	+14 46 32		249
Geocentric position (AU)	+0.01015029	+0.00348725	+0.00108374		

C/2004 J2 (SOHO)

C/2004 J2	2004 05 04.60147	02 53 56.8	+14 58 53		249
Geocentric position (AU)	+0.01003632	+0.00362388	+0.00118916		
C/2004 J2	2004 05 04.61814	02 53 45.2	+15 01 29		249
Geocentric position (AU)	+0.01003517	+0.00362525	+0.00119021		
C/2004 J2	2004 05 04.62923	02 53 38.7	+15 03 06		249
Geocentric position (AU)	+0.01003441	+0.00362617	+0.00119091		
C/2004 J2	2004 05 04.64312	02 53 31.0	+15 04 46		249
Geocentric position (AU)	+0.01003345	+0.00362731	+0.00119179		
C/2004 J2	2004 05 04.65979	02 53 17.8	+15 07 41		249
Geocentric position (AU)	+0.01003230	+0.00362869	+0.00119284		
C/2004 J2	2004 05 04.67090	02 53 10.4	+15 09 03		249
Geocentric position (AU)	+0.01003154	+0.00362961	+0.00119354		
C/2004 J2	2004 05 04.68480	02 53 00.4	+15 10 10		249
Geocentric position (AU)	+0.01003058	+0.00363076	+0.00119442		

C/2004 J3 (SOHO)

C/2004 J3	2004 05 04.68480	02 53 58.5	+14 59 57		249
Geocentric position (AU)	+0.01003058	+0.00363076	+0.00119442		
C/2004 J3	2004 05 04.70145	02 53 47.3	+15 02 32		249
Geocentric position (AU)	+0.01002943	+0.00363213	+0.00119547		
C/2004 J3	2004 05 04.71258	02 53 38.9	+15 04 13		249
Geocentric position (AU)	+0.01002866	+0.00363305	+0.00119618		
C/2004 J3	2004 05 04.72645	02 53 30.1	+15 06 14		249
Geocentric position (AU)	+0.01002770	+0.00363420	+0.00119705		
C/2004 J3	2004 05 04.74312	02 53 17.7	+15 09 12		249
Geocentric position (AU)	+0.01002655	+0.00363558	+0.00119811		
C/2004 J3	2004 05 04.75423	02 53 09.0	+15 11 04		249
Geocentric position (AU)	+0.01002578	+0.00363650	+0.00119881		
C/2004 J3	2004 05 04.76812	02 52 58.6	+15 13 25		249
Geocentric position (AU)	+0.01002482	+0.00363765	+0.00119969		
C/2004 J3	2004 05 04.78479	02 52 46.0	+15 16 22		249
Geocentric position (AU)	+0.01002366	+0.00363903	+0.00120075		

C/2004 J4 (SOHO)

C/2004 J4	2004 05 05.11812	02 54 27.7	+17 00 09		249
Geocentric position (AU)	+0.01000041	+0.00366684	+0.00122197		
C/2004 J4	2004 05 05.12923	02 54 43.4	+17 01 23		249
Geocentric position (AU)	+0.00999963	+0.00366778	+0.00122268		
C/2004 J4	2004 05 05.14312	02 55 00.7	+17 03 41		249
Geocentric position (AU)	+0.00999866	+0.00366894	+0.00122357		
C/2004 J4	2004 05 05.15979	02 55 22.1	+17 05 55		249
Geocentric position (AU)	+0.00999748	+0.00367034	+0.00122463		
C/2004 J4	2004 05 05.17090	02 55 35.9	+17 07 39		249
Geocentric position (AU)	+0.00999670	+0.00367128	+0.00122534		

C/2004 J4	2004 05 05.18480	02 55 52.9	+17 09 20	249
Geocentric position (AU)	+0.00999572	+0.00367245	+0.00122624	
C/2004 J4	2004 05 05.20145	02 56 13.6	+17 11 39	249
Geocentric position (AU)	+0.00999455	+0.00367385	+0.00122730	
C/2004 J4	2004 05 05.21256	02 56 27.1	+17 13 09	249
Geocentric position (AU)	+0.00999377	+0.00367479	+0.00122802	
C/2004 J4	2004 05 05.22645	02 56 43.9	+17 15 03	249
Geocentric position (AU)	+0.00999279	+0.00367596	+0.00122891	
C/2004 J4	2004 05 05.24312	02 57 04.5	+17 17 12	249
Geocentric position (AU)	+0.00999161	+0.00367736	+0.00122997	

C/2004 J5 (SOHO)

C/2004 J5	2004 05 06.12925	02 58 45.1	+15 18 31	249
Geocentric position (AU)	+0.00992785	+0.00375335	+0.00128754	
C/2004 J5	2004 05 06.14312	02 58 37.2	+15 20 08	249
Geocentric position (AU)	+0.00992683	+0.00375456	+0.00128846	
C/2004 J5	2004 05 06.15979	02 58 26.8	+15 23 02	249
Geocentric position (AU)	+0.00992561	+0.00375602	+0.00128955	
C/2004 J5	2004 05 06.17090	02 58 21.9	+15 25 21	249
Geocentric position (AU)	+0.00992479	+0.00375699	+0.00129029	
C/2004 J5	2004 05 06.18478	02 58 11.1	+15 26 15	249
Geocentric position (AU)	+0.00992377	+0.00375820	+0.00129120	
C/2004 J5	2004 05 06.20145	02 58 03.9	+15 29 07	249
Geocentric position (AU)	+0.00992254	+0.00375966	+0.00129230	
C/2004 J5	2004 05 06.21257	02 57 57.0	+15 30 58	249
Geocentric position (AU)	+0.00992172	+0.00376063	+0.00129303	
C/2004 J5	2004 05 06.22646	02 57 48.4	+15 33 07	249
Geocentric position (AU)	+0.00992070	+0.00376185	+0.00129395	
C/2004 J5	2004 05 06.24312	02 57 39.8	+15 35 47	249
Geocentric position (AU)	+0.00991947	+0.00376331	+0.00129505	
C/2004 J5	2004 05 06.25423	02 57 34.9	+15 37 35	249
Geocentric position (AU)	+0.00991865	+0.00376428	+0.00129578	
C/2004 J5	2004 05 06.26813	02 57 23.9	+15 39 44	249
Geocentric position (AU)	+0.00991762	+0.00376550	+0.00129670	

C/2004 J6 (SOHO)

C/2004 J6	2004 05 07.17090	03 03 00.4	+15 37 45	249
Geocentric position (AU)	+0.00984944	+0.00384600	+0.00135708	
C/2004 J6	2004 05 07.18479	03 02 56.6	+15 39 35	249
Geocentric position (AU)	+0.00984836	+0.00384726	+0.00135802	
C/2004 J6	2004 05 07.20145	03 02 44.5	+15 42 20	249
Geocentric position (AU)	+0.00984708	+0.00384877	+0.00135915	
C/2004 J6	2004 05 07.21256	03 02 36.5	+15 44 08	249
Geocentric position (AU)	+0.00984622	+0.00384978	+0.00135990	
C/2004 J6	2004 05 07.22645	03 02 28.7	+15 46 27	249
Geocentric position (AU)	+0.00984514	+0.00385104	+0.00136084	
C/2004 J6	2004 05 07.24312	03 02 18.1	+15 48 53	249
Geocentric position (AU)	+0.00984385	+0.00385256	+0.00136198	
C/2004 J6	2004 05 07.25423	03 02 12.7	+15 50 47	249
Geocentric position (AU)	+0.00984298	+0.00385357	+0.00136273	
C/2004 J6	2004 05 07.26813	03 02 01.2	+15 53 01	249
Geocentric position (AU)	+0.00984191	+0.00385483	+0.00136367	

C/2004 J7 (SOHO)

C/2004 J7	2004 05 08.68479	03 08 14.0	+15 56 35	249
Geocentric position (AU)	+0.00972750	+0.00398712	+0.00146179	
C/2004 J7	2004 05 08.70145	03 08 04.7	+15 58 59	249
Geocentric position (AU)	+0.00972610	+0.00398871	+0.00146297	
C/2004 J7	2004 05 08.71258	03 07 58.8	+16 00 57	249
Geocentric position (AU)	+0.00972516	+0.00398978	+0.00146375	
C/2004 J7	2004 05 08.72645	03 07 52.0	+16 03 03	249
Geocentric position (AU)	+0.00972399	+0.00399111	+0.00146473	
C/2004 J7	2004 05 08.74312	03 07 42.3	+16 05 20	249
Geocentric position (AU)	+0.00972259	+0.00399270	+0.00146591	
C/2004 J7	2004 05 08.75423	03 07 38.1	+16 07 04	249
Geocentric position (AU)	+0.00972165	+0.00399377	+0.00146669	
C/2004 J7	2004 05 08.76812	03 07 30.8	+16 09 11	249
Geocentric position (AU)	+0.00972048	+0.00399510	+0.00146768	

C/2004 J8 (SOHO)

C/2004 J8	2004 05 10.65423	03 27 02.2	+14 44 04	249
Geocentric position (AU)	+0.00955173	+0.00418146	+0.00160416	
C/2004 J8	2004 05 10.67923	03 26 54.0	+14 47 03	249
Geocentric position (AU)	+0.00954936	+0.00418400	+0.00160601	
C/2004 J8	2004 05 10.76256	03 26 30.7	+14 54 10	249
Geocentric position (AU)	+0.00954143	+0.00419247	+0.00161218	
C/2004 J8	2004 05 10.77923	03 26 22.9	+14 55 37	249
Geocentric position (AU)	+0.00953984	+0.00419417	+0.00161341	
C/2004 J8	2004 05 10.82090	03 26 11.3	+14 59 42	249
Geocentric position (AU)	+0.00953585	+0.00419841	+0.00161650	
C/2004 J8	2004 05 10.84590	03 26 02.1	+15 02 12	249
Geocentric position (AU)	+0.00953345	+0.00420096	+0.00161836	
C/2004 J8	2004 05 10.87609	03 25 58.2	+15 04 22	249
Geocentric position (AU)	+0.00953056	+0.00420404	+0.00162060	
C/2004 J8	2004 05 10.92924	03 25 33.0	+15 09 53	249
Geocentric position (AU)	+0.00952544	+0.00420947	+0.00162455	
C/2004 J8	2004 05 10.98757	03 25 16.5	+15 16 29	249
Geocentric position (AU)	+0.00951981	+0.00421543	+0.00162888	
C/2004 J8	2004 05 11.01256	03 25 10.1	+15 18 55	249
Geocentric position (AU)	+0.00951739	+0.00421799	+0.00163074	
C/2004 J8	2004 05 11.02923	03 25 04.2	+15 20 59	249
Geocentric position (AU)	+0.00951577	+0.00421970	+0.00163198	
C/2004 J8	2004 05 11.07090	03 24 50.8	+15 24 51	249
Geocentric position (AU)	+0.00951172	+0.00422397	+0.00163509	
C/2004 J8	2004 05 11.09590	03 24 40.2	+15 27 21	249
Geocentric position (AU)	+0.00950929	+0.00422653	+0.00163695	
C/2004 J8	2004 05 11.11257	03 24 34.6	+15 29 31	249
Geocentric position (AU)	+0.00950766	+0.00422824	+0.00163820	
C/2004 J8	2004 05 11.13758	03 24 25.4	+15 31 56	249
Geocentric position (AU)	+0.00950522	+0.00423081	+0.00164006	
C/2004 J8	2004 05 11.15423	03 24 19.0	+15 34 01	249
Geocentric position (AU)	+0.00950360	+0.00423252	+0.00164130	
C/2004 J8	2004 05 11.17924	03 24 10.3	+15 36 58	249
Geocentric position (AU)	+0.00950115	+0.00423509	+0.00164317	
C/2004 J8	2004 05 11.19591	03 24 04.6	+15 38 46	249
Geocentric position (AU)	+0.00949952	+0.00423681	+0.00164442	

C/2004 J8	2004 05	11.22090	03 23	53.8	+15 41	22	249
Geocentric position (AU)		+0.00949706		+0.00423938		+0.00164628	
C/2004 J8	2004 05	11.23757	03 23	47.6	+15 43	22	249
Geocentric position (AU)		+0.00949543		+0.00424109		+0.00164753	
C/2004 J8	2004 05	11.26256	03 23	38.4	+15 46	19	249
Geocentric position (AU)		+0.00949297		+0.00424366		+0.00164940	
C/2004 J8	2004 05	11.27923	03 23	32.4	+15 48	06	249
Geocentric position (AU)		+0.00949133		+0.00424538		+0.00165065	
C/2004 J8	2004 05	11.32090	03 23	15.8	+15 53	06	249
Geocentric position (AU)		+0.00948722		+0.00424968		+0.00165377	
C/2004 J8	2004 05	11.34590	03 23	06.1	+15 56	08	249
Geocentric position (AU)		+0.00948474		+0.00425226		+0.00165564	
C/2004 J8	2004 05	11.36258	03 23	00.1	+15 57	56	249
Geocentric position (AU)		+0.00948309		+0.00425398		+0.00165689	
C/2004 J8	2004 05	11.38757	03 22	49.2	+16 00	37	249
Geocentric position (AU)		+0.00948062		+0.00425656		+0.00165876	
C/2004 J8	2004 05	11.40423	03 22	41.4	+16 02	53	249
Geocentric position (AU)		+0.00947896		+0.00425828		+0.00166001	
C/2004 J8	2004 05	11.44595	03 22	23.7	+16 08	22	249
Geocentric position (AU)		+0.00947481		+0.00426259		+0.00166314	
C/2004 J8	2004 05	11.47090	03 22	14.2	+16 11	16	249
Geocentric position (AU)		+0.00947233		+0.00426517		+0.00166501	
C/2004 J8	2004 05	11.48757	03 22	06.7	+16 13	44	249
Geocentric position (AU)		+0.00947066		+0.00426690		+0.00166627	
C/2004 J8	2004 05	11.51256	03 21	56.1	+16 16	42	249
Geocentric position (AU)		+0.00946817		+0.00426949		+0.00166814	
C/2004 J8	2004 05	11.52923	03 21	49.2	+16 18	49	249
Geocentric position (AU)		+0.00946650		+0.00427121		+0.00166940	
C/2004 J8	2004 05	11.57090	03 21	27.9	+16 24	38	249
Geocentric position (AU)		+0.00946232		+0.00427553		+0.00167253	
C/2004 J8	2004 05	11.59590	03 21	17.0	+16 28	06	249
Geocentric position (AU)		+0.00945981		+0.00427813		+0.00167441	
C/2004 J8	2004 05	11.61256	03 21	09.2	+16 30	35	249
Geocentric position (AU)		+0.00945814		+0.00427986		+0.00167567	
C/2004 J8	2004 05	11.63756	03 20	56.2	+16 33	47	249
Geocentric position (AU)		+0.00945562		+0.00428245		+0.00167755	
C/2004 J8	2004 05	11.65423	03 20	48.7	+16 36	28	249
Geocentric position (AU)		+0.00945394		+0.00428418		+0.00167880	
C/2004 J8	2004 05	11.67923	03 20	37.7	+16 40	18	249
Geocentric position (AU)		+0.00945142		+0.00428678		+0.00168069	
C/2004 J8	2004 05	11.69590	03 20	28.7	+16 42	36	249
Geocentric position (AU)		+0.00944973		+0.00428851		+0.00168194	
C/2004 J8	2004 05	11.70145	03 20	24.9	+16 43	44	249
Geocentric position (AU)		+0.00944917		+0.00428909		+0.00168236	
C/2004 J8	2004 05	11.71257	03 20	20.5	+16 45	09	249
Geocentric position (AU)		+0.00944804		+0.00429025		+0.00168320	
C/2004 J8	2004 05	11.72092	03 20	16.8	+16 46	38	249
Geocentric position (AU)		+0.00944720		+0.00429112		+0.00168383	
C/2004 J8	2004 05	11.72645	03 20	12.5	+16 47	33	249
Geocentric position (AU)		+0.00944664		+0.00429169		+0.00168425	
C/2004 J8	2004 05	11.73756	03 20	05.7	+16 49	00	249
Geocentric position (AU)		+0.00944551		+0.00429285		+0.00168509	

C/2004 J8	2004 05	11.74312	03 20	04.4	+16 49	54	249
Geocentric position (AU)		+0.00944495		+0.00429343		+0.00168551	
C/2004 J8	2004 05	11.76257	03 19	56.1	+16 53	25	249
Geocentric position (AU)		+0.00944298		+0.00429545		+0.00168697	
C/2004 J8	2004 05	11.76812	03 19	53.2	+16 53	41	249
Geocentric position (AU)		+0.00944241		+0.00429603		+0.00168739	
C/2004 J8	2004 05	11.78479	03 19	41.3	+16 56	38	249
Geocentric position (AU)		+0.00944071		+0.00429777		+0.00168865	
C/2004 J8	2004 05	11.81055	03 19	26.9	+17 01	04	249
Geocentric position (AU)		+0.00943809		+0.00430045		+0.00169060	
C/2004 J8	2004 05	11.82645	03 19	18.3	+17 03	50	249
Geocentric position (AU)		+0.00943647		+0.00430211		+0.00169180	
C/2004 J8	2004 05	11.83757	03 19	15.5	+17 05	10	249
Geocentric position (AU)		+0.00943534		+0.00430327		+0.00169264	
C/2004 J8	2004 05	11.85145	03 19	03.8	+17 08	20	249
Geocentric position (AU)		+0.00943392		+0.00430472		+0.00169369	
C/2004 J8	2004 05	11.86812	03 18	54.5	+17 10	57	249
Geocentric position (AU)		+0.00943222		+0.00430646		+0.00169495	
C/2004 J8	2004 05	11.89317	03 18	39.7	+17 15	57	249
Geocentric position (AU)		+0.00942966		+0.00430907		+0.00169684	
C/2004 J8	2004 05	11.90979	03 18	29.5	+17 18	50	249
Geocentric position (AU)		+0.00942796		+0.00431081		+0.00169810	
C/2004 J8	2004 05	11.92090	03 18	22.1	+17 21	05	249
Geocentric position (AU)		+0.00942682		+0.00431197		+0.00169894	
C/2004 J8	2004 05	11.93479	03 18	13.0	+17 23	50	249
Geocentric position (AU)		+0.00942539		+0.00431342		+0.00169999	

C/2004 J9 (SOHO)

C/2004 J9	2004 05	10.75423	03 16	47.5	+16 32	54	249
Geocentric position (AU)		+0.00954222		+0.00419163		+0.00161156	
C/2004 J9	2004 05	10.76812	03 16	39.6	+16 35	07	249
Geocentric position (AU)		+0.00954089		+0.00419304		+0.00161259	
C/2004 J9	2004 05	10.78479	03 16	30.2	+16 38	15	249
Geocentric position (AU)		+0.00953930		+0.00419474		+0.00161383	
C/2004 J9	2004 05	10.81057	03 16	14.0	+16 42	34	249
Geocentric position (AU)		+0.00953684		+0.00419736		+0.00161574	
C/2004 J9	2004 05	10.82645	03 16	04.2	+16 45	19	249
Geocentric position (AU)		+0.00953532		+0.00419898		+0.00161692	
C/2004 J9	2004 05	10.83757	03 15	57.3	+16 47	23	249
Geocentric position (AU)		+0.00953425		+0.00420012		+0.00161774	
C/2004 J9	2004 05	10.85146	03 15	48.6	+16 49	53	249
Geocentric position (AU)		+0.00953292		+0.00420153		+0.00161877	

C/2004 J10 (SOHO)

C/2004 J10	2004 05	11.47090	03 24	12.8	+15 51	25	249
Geocentric position (AU)		+0.00947233		+0.00426517		+0.00166501	
C/2004 J10	2004 05	11.48757	03 23	57.6	+15 54	08	249
Geocentric position (AU)		+0.00947066		+0.00426690		+0.00166627	
C/2004 J10	2004 05	11.51256	03 23	53.5	+15 55	02	249
Geocentric position (AU)		+0.00946817		+0.00426949		+0.00166814	
C/2004 J10	2004 05	11.52923	03 23	39.5	+15 58	45	249
Geocentric position (AU)		+0.00946650		+0.00427121		+0.00166940	
C/2004 J10	2004 05	11.57090	03 23	28.5	+16 03	52	249
Geocentric position (AU)		+0.00946232		+0.00427553		+0.00167253	

C/2004 J10	2004 05	11.59590	03 23 11.2	+16 06 58	249
Geocentric position (AU)		+0.00945981	+0.00427813	+0.00167441	
C/2004 J10	2004 05	11.61256	03 23 03.8	+16 09 14	249
Geocentric position (AU)		+0.00945814	+0.00427986	+0.00167567	
C/2004 J10	2004 05	11.63756	03 22 56.5	+16 11 45	249
Geocentric position (AU)		+0.00945562	+0.00428245	+0.00167755	
C/2004 J10	2004 05	11.65423	03 22 49.5	+16 14 31	249
Geocentric position (AU)		+0.00945394	+0.00428418	+0.00167880	
C/2004 J10	2004 05	11.67923	03 22 40.0	+16 17 33	249
Geocentric position (AU)		+0.00945142	+0.00428678	+0.00168069	
C/2004 J10	2004 05	11.69590	03 22 32.4	+16 20 32	249
Geocentric position (AU)		+0.00944973	+0.00428851	+0.00168194	
C/2004 J10	2004 05	11.72092	03 22 18.9	+16 23 40	249
Geocentric position (AU)		+0.00944720	+0.00429112	+0.00168383	
C/2004 J10	2004 05	11.73756	03 22 13.0	+16 25 27	249
Geocentric position (AU)		+0.00944551	+0.00429285	+0.00168509	
C/2004 J10	2004 05	11.77923	03 21 54.3	+16 31 36	249
Geocentric position (AU)		+0.00944128	+0.00429719	+0.00168823	
C/2004 J10	2004 05	11.82090	03 21 35.9	+16 36 51	249
Geocentric position (AU)		+0.00943704	+0.00430153	+0.00169138	
C/2004 J10	2004 05	11.84590	03 21 20.5	+16 41 35	249
Geocentric position (AU)		+0.00943449	+0.00430413	+0.00169327	
C/2004 J10	2004 05	11.86258	03 21 12.6	+16 42 34	249
Geocentric position (AU)		+0.00943279	+0.00430588	+0.00169453	
C/2004 J10	2004 05	11.89317	03 20 59.9	+16 48 37	249
Geocentric position (AU)		+0.00942966	+0.00430907	+0.00169684	
C/2004 J10	2004 05	11.90979	03 20 51.1	+16 50 31	249
Geocentric position (AU)		+0.00942796	+0.00431081	+0.00169810	
C/2004 J10	2004 05	11.92090	03 20 49.8	+16 52 55	249
Geocentric position (AU)		+0.00942682	+0.00431197	+0.00169894	
C/2004 J10	2004 05	11.93479	03 20 36.2	+16 55 01	249
Geocentric position (AU)		+0.00942539	+0.00431342	+0.00169999	
C/2004 J10	2004 05	11.97646	03 20 13.5	+17 02 35	249
Geocentric position (AU)		+0.00942111	+0.00431777	+0.00170315	
C/2004 J10	2004 05	11.99312	03 20 03.5	+17 04 37	249
Geocentric position (AU)		+0.00941939	+0.00431952	+0.00170441	
C/2004 J10	2004 05	12.00423	03 19 56.4	+17 06 01	249
Geocentric position (AU)		+0.00941825	+0.00432068	+0.00170525	
C/2004 J10	2004 05	12.01812	03 19 49.6	+17 08 50	249
Geocentric position (AU)		+0.00941682	+0.00432213	+0.00170631	
C/2004 J10	2004 05	12.03478	03 19 39.0	+17 11 54	249
Geocentric position (AU)		+0.00941510	+0.00432388	+0.00170757	
C/2004 J10	2004 05	12.06056	03 19 24.9	+17 15 39	249
Geocentric position (AU)		+0.00941243	+0.00432658	+0.00170952	
C/2004 J10	2004 05	12.07647	03 19 16.0	+17 19 44	249
Geocentric position (AU)		+0.00941079	+0.00432824	+0.00171073	
C/2004 J10	2004 05	12.08757	03 19 07.7	+17 21 40	249
Geocentric position (AU)		+0.00940964	+0.00432941	+0.00171157	

C/2004 J11 (SOHO)

C/2004 J11	2004 05	12.76812	03 24 32.6	+17 01 57	249
Geocentric position (AU)		+0.00933763	+0.00440119	+0.00176348	

C/2004 J11	2004 05	12.78479	03 24 26.2	+17 03 27	249
Geocentric position (AU)		+0.00933583	+0.00440295	+0.00176476	
C/2004 J11	2004 05	12.81053	03 24 13.3	+17 07 23	249
Geocentric position (AU)		+0.00933304	+0.00440569	+0.00176674	
C/2004 J11	2004 05	12.82645	03 24 00.9	+17 10 26	249
Geocentric position (AU)		+0.00933132	+0.00440738	+0.00176796	
C/2004 J11	2004 05	12.83756	03 23 58.7	+17 12 00	249
Geocentric position (AU)		+0.00933011	+0.00440856	+0.00176881	
C/2004 J11	2004 05	12.85145	03 23 54.4	+17 14 44	249
Geocentric position (AU)		+0.00932861	+0.00441003	+0.00176988	
C/2004 J11	2004 05	12.86812	03 23 41.0	+17 17 01	249
Geocentric position (AU)		+0.00932680	+0.00441180	+0.00177115	
C/2004 J11	2004 05	12.89316	03 23 27.6	+17 21 09	249
Geocentric position (AU)		+0.00932407	+0.00441446	+0.00177308	
C/2004 J11	2004 05	12.90980	03 23 17.8	+17 24 11	249
Geocentric position (AU)		+0.00932226	+0.00441623	+0.00177436	
C/2004 J11	2004 05	12.92090	03 23 11.5	+17 26 12	249
Geocentric position (AU)		+0.00932105	+0.00441741	+0.00177521	
C/2004 J11	2004 05	12.93479	03 23 03.4	+17 28 45	249
Geocentric position (AU)		+0.00931954	+0.00441889	+0.00177627	

C/2004 J12 (SOHO)

C/2004 J12	2004 05	12.74312	03 23 50.2	+18 58 43	249
Geocentric position (AU)		+0.00934033	+0.00439853	+0.00176157	
C/2004 J12	2004 05	12.75425	03 24 05.5	+19 00 15	249
Geocentric position (AU)		+0.00933913	+0.00439971	+0.00176242	
C/2004 J12	2004 05	12.76812	03 24 28.0	+19 01 58	249
Geocentric position (AU)		+0.00933763	+0.00440119	+0.00176348	
C/2004 J12	2004 05	12.78479	03 24 49.5	+19 04 15	249
Geocentric position (AU)		+0.00933583	+0.00440295	+0.00176476	
C/2004 J12	2004 05	12.81053	03 25 24.8	+19 07 32	249
Geocentric position (AU)		+0.00933304	+0.00440569	+0.00176674	
C/2004 J12	2004 05	12.82645	03 25 46.5	+19 09 32	249
Geocentric position (AU)		+0.00933132	+0.00440738	+0.00176796	
C/2004 J12	2004 05	12.83756	03 26 02.2	+19 10 53	249
Geocentric position (AU)		+0.00933011	+0.00440856	+0.00176881	
C/2004 J12	2004 05	12.85145	03 26 21.0	+19 12 43	249
Geocentric position (AU)		+0.00932861	+0.00441003	+0.00176988	
C/2004 J12	2004 05	12.86812	03 26 42.6	+19 14 35	249
Geocentric position (AU)		+0.00932680	+0.00441180	+0.00177115	

C/2004 J13 (SOHO)

C/2004 J13	2004 05	13.68479	03 27 31.6	+19 11 48	249
Geocentric position (AU)		+0.00923583	+0.00449911	+0.00183416	
C/2004 J13	2004 05	13.70145	03 27 55.0	+19 13 58	249
Geocentric position (AU)		+0.00923393	+0.00450090	+0.00183545	
C/2004 J13	2004 05	13.71257	03 28 12.2	+19 15 39	249
Geocentric position (AU)		+0.00923266	+0.00450209	+0.00183632	
C/2004 J13	2004 05	13.72645	03 28 31.3	+19 17 24	249
Geocentric position (AU)		+0.00923107	+0.00450359	+0.00183739	
C/2004 J13	2004 05	13.74312	03 28 53.7	+19 19 36	249
Geocentric position (AU)		+0.00922916	+0.00450538	+0.00183869	
C/2004 J13	2004 05	13.75423	03 29 09.6	+19 20 54	249
Geocentric position (AU)		+0.00922789	+0.00450657	+0.00183955	

C/2004 J13	2004 05	13.76832	03 29 28.9	+19 23 05	249
Geocentric position (AU)		+0.00922627	+0.00450809	+0.00184064	
C/2004 J13	2004 05	13.78479	03 29 52.0	+19 25 12	249
Geocentric position (AU)		+0.00922438	+0.00450986	+0.00184192	
C/2004 J13	2004 05	13.81057	03 30 27.7	+19 28 08	249
Geocentric position (AU)		+0.00922142	+0.00451264	+0.00184392	
C/2004 J13	2004 05	13.82646	03 30 48.0	+19 30 09	249
Geocentric position (AU)		+0.00921959	+0.00451435	+0.00184515	

C/2004 J14 (SOHO)

C/2004 J14	2004 05	14.17090	03 29 31.0	+17 17 17	249
Geocentric position (AU)		+0.00917956	+0.00455151	+0.00187194	
C/2004 J14	2004 05	14.18479	03 29 29.7	+17 19 40	249
Geocentric position (AU)		+0.00917793	+0.00455301	+0.00187302	
C/2004 J14	2004 05	14.20145	03 29 21.4	+17 22 08	249
Geocentric position (AU)		+0.00917597	+0.00455481	+0.00187432	
C/2004 J14	2004 05	14.21257	03 29 15.9	+17 23 54	249
Geocentric position (AU)		+0.00917466	+0.00455601	+0.00187518	
C/2004 J14	2004 05	14.22645	03 29 09.6	+17 26 09	249
Geocentric position (AU)		+0.00917303	+0.00455751	+0.00187626	
C/2004 J14	2004 05	14.24313	03 29 00.5	+17 29 02	249
Geocentric position (AU)		+0.00917106	+0.00455932	+0.00187756	
C/2004 J14	2004 05	14.25423	03 28 55.7	+17 30 49	249
Geocentric position (AU)		+0.00916975	+0.00456052	+0.00187843	
C/2004 J14	2004 05	14.26812	03 28 48.4	+17 33 09	249
Geocentric position (AU)		+0.00916811	+0.00456202	+0.00187951	
C/2004 J14	2004 05	14.28479	03 28 39.3	+17 36 04	249
Geocentric position (AU)		+0.00916614	+0.00456382	+0.00188081	
C/2004 J14	2004 05	14.31055	03 28 26.7	+17 40 32	249
Geocentric position (AU)		+0.00916310	+0.00456661	+0.00188282	
C/2004 J14	2004 05	14.32645	03 28 18.9	+17 43 30	249
Geocentric position (AU)		+0.00916122	+0.00456833	+0.00188406	

C/2004 J15 (SOHO)

C/2004 J15	2004 05	14.60145	03 31 37.7	+19 27 55	249
Geocentric position (AU)		+0.00912838	+0.00459814	+0.00190553	
C/2004 J15	2004 05	14.61812	03 31 57.7	+19 30 05	249
Geocentric position (AU)		+0.00912638	+0.00459995	+0.00190684	
C/2004 J15	2004 05	14.62923	03 32 17.2	+19 31 30	249
Geocentric position (AU)		+0.00912504	+0.00460116	+0.00190770	
C/2004 J15	2004 05	14.64312	03 32 35.7	+19 33 12	249
Geocentric position (AU)		+0.00912336	+0.00460266	+0.00190879	
C/2004 J15	2004 05	14.65979	03 32 59.3	+19 35 28	249
Geocentric position (AU)		+0.00912135	+0.00460447	+0.00191009	
C/2004 J15	2004 05	14.67090	03 33 14.1	+19 36 37	249
Geocentric position (AU)		+0.00912001	+0.00460568	+0.00191096	
C/2004 J15	2004 05	14.68479	03 33 33.8	+19 38 23	249
Geocentric position (AU)		+0.00911833	+0.00460719	+0.00191205	
C/2004 J15	2004 05	14.70146	03 33 56.1	+19 40 34	249
Geocentric position (AU)		+0.00911631	+0.00460900	+0.00191335	
C/2004 J15	2004 05	14.71257	03 34 11.4	+19 41 32	249
Geocentric position (AU)		+0.00911497	+0.00461021	+0.00191422	

C/2004 J16 (SOHO)

C/2004 J16	2004 05	14.92493	03 32 54.6	+19 32 43	249
Geocentric position (AU)		+0.00908910	+0.00463329	+0.00193085	
C/2004 J16	2004 05	14.93389	03 33 14.2	+19 34 19	249
Geocentric position (AU)		+0.00908800	+0.00463426	+0.00193155	
C/2004 J16	2004 05	14.98427	03 34 25.5	+19 40 38	249
Geocentric position (AU)		+0.00908182	+0.00463975	+0.00193550	
C/2004 J16	2004 05	15.00432	03 34 52.9	+19 43 05	249
Geocentric position (AU)		+0.00907935	+0.00464193	+0.00193707	
C/2004 J16	2004 05	15.02018	03 35 14.5	+19 45 03	249
Geocentric position (AU)		+0.00907740	+0.00464366	+0.00193831	
C/2004 J16	2004 05	15.03479	03 35 34.2	+19 46 30	249
Geocentric position (AU)		+0.00907560	+0.00464525	+0.00193946	

C/2004 J17 (SOHO)

C/2004 J17	2004 05	15.43483	03 34 34.2	+19 37 36	249
Geocentric position (AU)		+0.00902573	+0.00468886	+0.00197086	
C/2004 J17	2004 05	15.45147	03 35 01.8	+19 39 45	249
Geocentric position (AU)		+0.00902364	+0.00469067	+0.00197216	
C/2004 J17	2004 05	15.46256	03 35 16.3	+19 41 16	249
Geocentric position (AU)		+0.00902224	+0.00469188	+0.00197304	
C/2004 J17	2004 05	15.47645	03 35 36.5	+19 43 09	249
Geocentric position (AU)		+0.00902048	+0.00469340	+0.00197413	
C/2004 J17	2004 05	15.49312	03 35 59.9	+19 45 19	249
Geocentric position (AU)		+0.00901838	+0.00469522	+0.00197544	
C/2004 J17	2004 05	15.50423	03 36 15.9	+19 46 39	249
Geocentric position (AU)		+0.00901697	+0.00469643	+0.00197631	
C/2004 J17	2004 05	15.51812	03 36 35.0	+19 48 19	249
Geocentric position (AU)		+0.00901521	+0.00469795	+0.00197740	
C/2004 J17	2004 05	15.53478	03 36 58.8	+19 50 16	249
Geocentric position (AU)		+0.00901310	+0.00469977	+0.00197871	

C/2004 J18 (SOHO)

C/2004 J18	2004 05	15.56056	03 35 43.7	+19 43 09	249
Geocentric position (AU)		+0.00900983	+0.00470258	+0.00198074	
C/2004 J18	2004 05	15.57645	03 36 06.7	+19 45 02	249
Geocentric position (AU)		+0.00900782	+0.00470432	+0.00198199	
C/2004 J18	2004 05	15.58756	03 36 21.9	+19 46 10	249
Geocentric position (AU)		+0.00900641	+0.00470553	+0.00198286	
C/2004 J18	2004 05	15.60147	03 36 42.0	+19 48 08	249
Geocentric position (AU)		+0.00900464	+0.00470705	+0.00198396	
C/2004 J18	2004 05	15.61814	03 37 05.4	+19 50 19	249
Geocentric position (AU)		+0.00900252	+0.00470887	+0.00198527	
C/2004 J18	2004 05	15.62923	03 37 20.8	+19 51 23	249
Geocentric position (AU)		+0.00900111	+0.00471008	+0.00198614	
C/2004 J18	2004 05	15.64312	03 37 39.8	+19 53 03	249
Geocentric position (AU)		+0.00899933	+0.00471160	+0.00198723	

C/2004 J19 (SOHO)

C/2004 J19	2004 05	14.67090	03 31 04.6	+17 28 53	249
Geocentric position (AU)		+0.00912001	+0.00460568	+0.00191096	
C/2004 J19	2004 05	14.68479	03 30 58.1	+17 30 51	249
Geocentric position (AU)		+0.00911833	+0.00460719	+0.00191205	

C/2004 J19	2004 05 14.70146	03 30 49.9	+17 33 34	249
Geocentric position (AU)	+0.00911631	+0.00460900	+0.00191335	
C/2004 J19	2004 05 14.71257	03 30 42.3	+17 35 34	249
Geocentric position (AU)	+0.00911497	+0.00461021	+0.00191422	
C/2004 J19	2004 05 14.72645	03 30 36.0	+17 38 16	249
Geocentric position (AU)	+0.00911329	+0.00461171	+0.00191531	

C/2004 K1 (Catalina)

C/2004 K1	2004 06 08.04209	20 27 56.89	-03 27 14.2	18.5 N	204
C/2004 K1	2004 06 08.04990	20 27 56.40	-03 27 13.2		204
C/2004 K1	2004 06 08.05660	20 27 55.97	-03 27 12.4	18.1 T	204
C/2004 K1	2004 06 12.32637	20 23 17.49	-03 17 22.0	18.5 T	704
C/2004 K1	2004 06 12.33652	20 23 16.79	-03 17 20.4	18.3 T	704
C/2004 K1	2004 06 12.34630	20 23 16.13	-03 17 18.5	17.9 T	644
C/2004 K1	2004 06 12.34659	20 23 16.09	-03 17 19.2	18.5 T	704
C/2004 K1	2004 06 12.35666	20 23 15.40	-03 17 18.0	18.1 T	704
C/2004 K1	2004 06 12.36674	20 23 14.71	-03 17 17.0	18.4 T	704
C/2004 K1	2004 06 12.36931	20 23 14.55	-03 17 15.9	17.7 T	644
C/2004 K1	2004 06 12.39521	20 23 12.77	-03 17 12.4	17.8 T	644
C/2004 K1	2004 06 13.64812	20 21 46.71	-03 14 31.6	19.1 T	D74
C/2004 K1	2004 06 13.66957	20 21 45.18	-03 14 28.8	19.2 T	D74
C/2004 K1	2004 06 13.67407	20 21 44.87	-03 14 29.0	18.0 T	360
C/2004 K1	2004 06 13.67859	20 21 44.56	-03 14 28.2		360
C/2004 K1	2004 06 13.68339	20 21 44.21	-03 14 27.5		360
C/2004 K1	2004 06 19.39213	20 14 47.46	-03 03 30.9	18.0 T	673
C/2004 K1	2004 06 19.39410	20 14 47.31	-03 03 30.7		673
C/2004 K1	2004 06 19.39838	20 14 46.96	-03 03 30.3		673
C/2004 K1	2004 06 19.40313	20 14 46.60	-03 03 29.8		673
C/2004 K1	2004 06 20.33954	20 13 34.59	-03 01 54.8	18.5 T	704
C/2004 K1	2004 06 20.34955	20 13 33.82	-03 01 53.8	18.7 T	704
C/2004 K1	2004 06 20.35947	20 13 33.02	-03 01 52.5	18.4 T	704
C/2004 K1	2004 06 20.36939	20 13 32.25	-03 01 51.3	18.8 T	704
C/2004 K1	2004 06 20.37942	20 13 31.40	-03 01 50.7	19.2 T	704
C/2004 K1	2004 06 21.97653	20 11 26.30	-02 59 17.1	17.5 N	461
C/2004 K1	2004 06 21.97803	20 11 26.18	-02 59 17.0		461
C/2004 K1	2004 06 21.97955	20 11 26.06	-02 59 16.7		461
C/2004 K1	2004 06 21.98104	20 11 25.93	-02 59 16.8		461
C/2004 K1	2004 06 21.98255	20 11 25.82	-02 59 16.5		461
C/2004 K1	2004 06 26.97309	20 04 36.80	-02 52 25.2	17.7 N	213
C/2004 K1	2004 06 26.97559	20 04 36.57	-02 52 24.5	17.6 N	213
C/2004 K1	2004 06 26.97936	20 04 36.28	-02 52 24.9	17.8 N	213
C/2004 K1	2004 06 26.99134	20 04 35.26	-02 52 24.8		048
C/2004 K1	2004 06 26.99354	20 04 35.05	-02 52 23.9		048
C/2004 K1	2004 06 26.99464	20 04 34.93	-02 52 23.8		048
C/2004 K1	2004 06 26.99684	20 04 34.74	-02 52 23.5		048
C/2004 K1	2004 06 27.00013	20 04 34.51	-02 52 23.3		048
C/2004 K1	2004 06 30.70600	19 59 14.51	-02 48 28.7	17.8 T	360
C/2004 K1	2004 06 30.70978	19 59 14.14	-02 48 28.9		360
C/2004 K1	2004 07 04.90602	19 52 57.42	-02 45 19.2	17.4 T	561
C/2004 K1	2004 07 04.91065	19 52 57.00	-02 45 19.2	17.6 T	561
C/2004 K1	2004 07 04.91464	19 52 56.63	-02 45 19.0	17.4 T	561
C/2004 K1	2004 07 06.93663	19 49 50.15	-02 44 16.9		048
C/2004 K1	2004 07 06.93883	19 49 49.92	-02 44 16.4		048

C/2004 K1	2004 07 06.94434	19 49 49.41	-02 44 16.1		048
C/2004 K1	2004 07 06.94764	19 49 49.08	-02 44 15.9		048
C/2004 K1	2004 07 06.94984	19 49 48.94	-02 44 16.0		048
C/2004 K1	2004 07 07.20637	19 49 25.06	-02 44 10.1	17.8 T	785
C/2004 K1	2004 07 07.21979	19 49 23.72	-02 44 09.8	17.9 T	785
C/2004 K1	2004 07 07.91509	19 48 18.94	-02 43 53.9	18.6 T	170
C/2004 K1	2004 07 07.91586	19 48 18.85	-02 43 53.9	18.5 T	170
C/2004 K1	2004 07 07.91740	19 48 18.72	-02 43 53.2	18.6 T	170
C/2004 K1	2004 07 09.96809	19 45 05.48	-02 43 19.4	17.8 N	170
C/2004 K1	2004 07 09.97896	19 45 04.46	-02 43 20.1	17.9 N	170
C/2004 K1	2004 07 11.86773	19 42 04.49	-02 43 05.1	17.8 N	104
C/2004 K1	2004 07 11.87227	19 42 03.97	-02 43 04.7	17.5 N	104
C/2004 K1	2004 07 11.88016	19 42 03.26	-02 43 04.2	17.6 N	104
C/2004 K1	2004 07 11.88436	19 42 03.01	-02 43 04.0	18.1 N	104

P/2004 K2 (McNaught)

P/2004 K2	2004 06 08.07530	00 14 13.68	+02 16 53.3	17.9 T	204
P/2004 K2	2004 06 13.44700	00 28 40.25	+03 18 39.2	17.3 T	703
P/2004 K2	2004 06 13.45250	00 28 41.17	+03 18 41.7	17.3 T	703
P/2004 K2	2004 06 13.45800	00 28 41.97	+03 18 44.8	17.4 T	703
P/2004 K2	2004 06 13.46355	00 28 42.81	+03 18 49.2	17.3 T	703
P/2004 K2	2004 06 22.44198	00 52 26.25	+04 53 53.8	17.3 T	703
P/2004 K2	2004 06 22.45132	00 52 27.71	+04 54 00.3	16.9 T	703
P/2004 K2	2004 06 22.46065	00 52 29.15	+04 54 04.2	16.9 T	703
P/2004 K2	2004 06 22.46998	00 52 30.57	+04 54 10.8	17.2 T	703
P/2004 K2	2004 06 27.79151	01 06 15.53	+05 45 01.0	17.9 T	E12
P/2004 K2	2004 06 27.79833	01 06 16.52	+05 45 04.0	17.1 T	E12
P/2004 K2	2004 06 27.80516	01 06 17.64	+05 45 08.8	17.7 T	E12
P/2004 K2	2004 06 27.81199	01 06 18.65	+05 45 12.0	17.3 T	E12
P/2004 K2	2004 06 30.77226	01 13 50.50	+06 11 19.4	17.8 T	360
P/2004 K2	2004 06 30.77683	01 13 51.20	+06 11 21.6		360
P/2004 K2	2004 06 30.78066	01 13 51.77	+06 11 24.1		360

C/2004 K3 (LINEAR)

C/2004 K3	2004 06 07.99879	19 05 41.94	+67 06 08.0	18.5 T	204
C/2004 K3	2004 06 08.00847	19 05 31.71	+67 07 29.7	18.2 T	204
C/2004 K3	2004 06 12.39380	17 12 08.46	+74 44 57.6	18.6 T	926
C/2004 K3	2004 06 12.39449	17 12 07.05	+74 45 00.0	19.2 T	926
C/2004 K3	2004 06 12.39522	17 12 05.38	+74 45 02.6	18.8 T	926
C/2004 K3	2004 06 13.59488	16 30 49.37	+75 42 38.7	17.6 T	360
C/2004 K3	2004 06 13.59853	16 30 41.68	+75 42 46.1		360
C/2004 K3	2004 06 13.60197	16 30 34.23	+75 42 53.8		360
C/2004 K3	2004 06 13.64109	16 29 11.41	+75 44 13.4	18.5 T	D74
C/2004 K3	2004 06 13.65111	16 28 48.70	+75 44 31.9	18.3 T	D74
C/2004 K3	2004 06 21.86879	12 52 03.70	+72 11 37.1	19.5 N	461
C/2004 K3	2004 06 21.87122	12 52 01.52	+72 11 28.7		461
C/2004 K3	2004 06 21.87367	12 51 59.42	+72 11 21.5		461
C/2004 K3	2004 06 26.91508	12 00 56.34	+67 42 15.5		213
C/2004 K3	2004 06 27.95275	11 54 05.95	+66 49 59.5	18.2 N	J95
C/2004 K3	2004 06 27.95776	11 54 04.01	+66 49 44.2	18.4 N	J95
C/2004 K3	2004 06 27.96249	11 54 02.27	+66 49 30.9	18.7 N	J95
C/2004 K3	2004 06 30.90305	11 38 39.30	+64 30 25.0		213
C/2004 K3	2004 07 06.17842	11 20 28.79	+60 53 34.3	20.0 T	704
C/2004 K3	2004 07 06.18769	11 20 27.34	+60 53 12.7	19.7 T	704

C/2004 K3	2004 07 06.19708	11 20 26.02	+60 52 51.7	19.9 T	704
C/2004 K3	2004 07 06.20634	11 20 24.34	+60 52 30.9	19.7 T	704
C/2004 K4 (SOHO)					
C/2004 K4	2004 05 18.40979	03 45 27.4	+18 11 09		249
Geocentric position (AU)	+0.00862074	+0.00501433	+0.00220529		
C/2004 K4	2004 05 18.42091	03 45 23.3	+18 12 56		249
Geocentric position (AU)	+0.00861911	+0.00501555	+0.00220617		
C/2004 K4	2004 05 18.43479	03 45 18.0	+18 14 51		249
Geocentric position (AU)	+0.00861708	+0.00501706	+0.00220726		
C/2004 K4	2004 05 18.46256	03 45 06.2	+18 19 29		249
Geocentric position (AU)	+0.00861301	+0.00502009	+0.00220945		
C/2004 K4	2004 05 18.47646	03 44 59.7	+18 22 22		249
Geocentric position (AU)	+0.00861098	+0.00502161	+0.00221054		
C/2004 K4	2004 05 18.49312	03 44 52.6	+18 25 14		249
Geocentric position (AU)	+0.00860854	+0.00502342	+0.00221185		
C/2004 K4	2004 05 18.50423	03 44 50.2	+18 26 43		249
Geocentric position (AU)	+0.00860691	+0.00502464	+0.00221273		
C/2004 K4	2004 05 18.51812	03 44 46.4	+18 28 50		249
Geocentric position (AU)	+0.00860487	+0.00502615	+0.00221382		
C/2004 K4	2004 05 18.53479	03 44 36.2	+18 32 33		249
Geocentric position (AU)	+0.00860242	+0.00502797	+0.00221513		
C/2004 K5 (SOHO)					
C/2004 K5	2004 05 20.20145	03 52 07.2	+18 33 10		249
Geocentric position (AU)	+0.00834954	+0.00520828	+0.00234477		
C/2004 K5	2004 05 20.21257	03 52 02.9	+18 35 06		249
Geocentric position (AU)	+0.00834779	+0.00520947	+0.00234564		
C/2004 K5	2004 05 20.22645	03 51 57.9	+18 37 36		249
Geocentric position (AU)	+0.00834560	+0.00521097	+0.00234672		
C/2004 K5	2004 05 20.24312	03 51 51.1	+18 40 36		249
Geocentric position (AU)	+0.00834297	+0.00521276	+0.00234802		
C/2004 K5	2004 05 20.25423	03 51 46.5	+18 42 42		249
Geocentric position (AU)	+0.00834121	+0.00521396	+0.00234888		
C/2004 K5	2004 05 20.26812	03 51 40.8	+18 45 25		249
Geocentric position (AU)	+0.00833902	+0.00521546	+0.00234996		
C/2004 K5	2004 05 20.28479	03 51 34.2	+18 48 30		249
Geocentric position (AU)	+0.00833638	+0.00521725	+0.00235126		
C/2004 K6 (SOHO)					
C/2004 K6	2004 05 21.74312	03 58 04.6	+18 48 19		249
Geocentric position (AU)	+0.00809931	+0.00537296	+0.00246397		
C/2004 K6	2004 05 21.75425	03 58 01.2	+18 50 18		249
Geocentric position (AU)	+0.00809745	+0.00537414	+0.00246483		
C/2004 K6	2004 05 21.76812	03 57 55.3	+18 52 45		249
Geocentric position (AU)	+0.00809514	+0.00537561	+0.00246589		
C/2004 K6	2004 05 21.78479	03 57 49.5	+18 55 54		249
Geocentric position (AU)	+0.00809235	+0.00537737	+0.00246717		
C/2004 K6	2004 05 21.81057	03 57 40.9	+19 00 36		249
Geocentric position (AU)	+0.00808804	+0.00538010	+0.00246915		
C/2004 K7 (SOHO)					
C/2004 K7	2004 05 23.08756	04 03 12.8	+19 03 05		249
Geocentric position (AU)	+0.00786973	+0.00551404	+0.00256632		

C/2004 K7	2004 05 23.10145	04 03 08.2	+19 04 11		249
Geocentric position (AU)	+0.00786731	+0.00551548	+0.00256736		
C/2004 K7	2004 05 23.11813	04 03 00.3	+19 05 49		249
Geocentric position (AU)	+0.00786440	+0.00551721	+0.00256862		
C/2004 K7	2004 05 23.14319	04 02 51.9	+19 12 36		249
Geocentric position (AU)	+0.00786002	+0.00551982	+0.00257051		
C/2004 K7	2004 05 23.15978	04 02 53.1	+19 15 17		249
Geocentric position (AU)	+0.00785711	+0.00552154	+0.00257177		
C/2004 K7	2004 05 23.17091	04 02 47.2	+19 17 15		249
Geocentric position (AU)	+0.00785517	+0.00552270	+0.00257260		
C/2004 K7	2004 05 23.18479	04 02 44.7	+19 20 49		249
Geocentric position (AU)	+0.00785274	+0.00552414	+0.00257365		
C/2004 K8 (SOHO)					
C/2004 K8	2004 05 24.32646	04 06 41.6	+19 10 53		249
Geocentric position (AU)	+0.00764937	+0.00564161	+0.00265903		
C/2004 K8	2004 05 24.33758	04 06 40.4	+19 12 38		249
Geocentric position (AU)	+0.00764735	+0.00564274	+0.00265985		
C/2004 K8	2004 05 24.35145	04 06 37.3	+19 14 39		249
Geocentric position (AU)	+0.00764484	+0.00564416	+0.00266088		
C/2004 K8	2004 05 24.36813	04 06 34.0	+19 17 45		249
Geocentric position (AU)	+0.00764181	+0.00564586	+0.00266212		
C/2004 K8	2004 05 24.39316	04 06 19.1	+19 24 26		249
Geocentric position (AU)	+0.00763727	+0.00564841	+0.00266397		
C/2004 K9 (SOHO)					
C/2004 K9	2004 05 24.82645	04 09 14.2	+19 20 48		249
Geocentric position (AU)	+0.00755815	+0.00569239	+0.00269597		
C/2004 K9	2004 05 24.83756	04 09 17.3	+19 21 47		249
Geocentric position (AU)	+0.00755611	+0.00569351	+0.00269679		
C/2004 K9	2004 05 24.85146	04 09 13.1	+19 24 56		249
Geocentric position (AU)	+0.00755355	+0.00569492	+0.00269781		
C/2004 K9	2004 05 24.86812	04 09 08.6	+19 27 47		249
Geocentric position (AU)	+0.00755049	+0.00569660	+0.00269903		
C/2004 K9	2004 05 24.89316	04 09 03.3	+19 32 25		249
Geocentric position (AU)	+0.00754588	+0.00569913	+0.00270087		
C/2004 K9	2004 05 24.90979	04 08 59.9	+19 35 23		249
Geocentric position (AU)	+0.00754282	+0.00570081	+0.00270210		
C/2004 K10 (SOHO)					
C/2004 K10	2004 05 25.31055	04 11 19.7	+19 26 16		249
Geocentric position (AU)	+0.00746863	+0.00574116	+0.00273146		
C/2004 K10	2004 05 25.32646	04 11 15.3	+19 29 07		249
Geocentric position (AU)	+0.00746567	+0.00574275	+0.00273262		
C/2004 K10	2004 05 25.33757	04 11 11.6	+19 31 14		249
Geocentric position (AU)	+0.00746360	+0.00574387	+0.00273343		
C/2004 K10	2004 05 25.35145	04 11 09.2	+19 33 42		249
Geocentric position (AU)	+0.00746101	+0.00574526	+0.00273445		
C/2004 K10	2004 05 25.36812	04 11 04.4	+19 36 46		249
Geocentric position (AU)	+0.00745790	+0.00574693	+0.00273566		
C/2004 K10	2004 05 25.37924	04 11 01.8	+19 38 56		249
Geocentric position (AU)	+0.00745583	+0.00574805	+0.00273647		

C/2004 K11 (SOHO)

C/2004 K11	2004 05	27.72645	04 20 47.2	+19 47 16	249
Geocentric position (AU)		+0.00700504	+0.00597861	+0.00290434	
C/2004 K11	2004 05	27.74312	04 20 43.4	+19 50 11	249
Geocentric position (AU)		+0.00700175	+0.00598022	+0.00290551	
C/2004 K11	2004 05	27.75424	04 20 41.5	+19 52 00	249
Geocentric position (AU)		+0.00699955	+0.00598129	+0.00290628	
C/2004 K11	2004 05	27.76812	04 20 39.2	+19 54 21	249
Geocentric position (AU)		+0.00699681	+0.00598262	+0.00290726	
C/2004 K11	2004 05	27.78479	04 20 35.9	+19 57 22	249
Geocentric position (AU)		+0.00699351	+0.00598423	+0.00290842	
C/2004 K11	2004 05	27.81057	04 20 30.5	+20 02 05	249
Geocentric position (AU)		+0.00698841	+0.00598670	+0.00291023	
C/2004 K11	2004 05	27.82645	04 20 27.5	+20 05 04	249
Geocentric position (AU)		+0.00698527	+0.00598823	+0.00291134	
C/2004 K11	2004 05	27.83758	04 20 25.3	+20 07 06	249
Geocentric position (AU)		+0.00698307	+0.00598930	+0.00291212	
C/2004 K11	2004 05	27.85145	04 20 22.8	+20 09 44	249
Geocentric position (AU)		+0.00698032	+0.00599063	+0.00291309	
C/2004 K11	2004 05	27.86812	04 20 19.1	+20 13 21	249
Geocentric position (AU)		+0.00697702	+0.00599223	+0.00291425	
C/2004 K11	2004 05	27.89316	04 20 14.8	+20 18 15	249
Geocentric position (AU)		+0.00697206	+0.00599464	+0.00291600	
C/2004 K11	2004 05	27.90979	04 20 12.2	+20 21 03	249
Geocentric position (AU)		+0.00696877	+0.00599623	+0.00291716	
C/2004 K11	2004 05	27.92090	04 20 08.8	+20 24 07	249
Geocentric position (AU)		+0.00696656	+0.00599730	+0.00291794	
C/2004 K11	2004 05	27.93480	04 20 06.7	+20 26 48	249
Geocentric position (AU)		+0.00696381	+0.00599863	+0.00291891	

C/2004 K12 (SOHO)

C/2004 K12	2004 05	30.44595	04 32 57.0	+19 26 56	249
Geocentric position (AU)		+0.00645198	+0.00623472	+0.00309033	
C/2004 K12	2004 05	30.48756	04 32 50.2	+19 32 49	249
Geocentric position (AU)		+0.00644327	+0.00623855	+0.00309311	
C/2004 K12	2004 05	30.51256	04 32 48.6	+19 35 54	249
Geocentric position (AU)		+0.00643804	+0.00624086	+0.00309477	
C/2004 K12	2004 05	30.52923	04 32 47.7	+19 38 52	249
Geocentric position (AU)		+0.00643454	+0.00624239	+0.00309589	
C/2004 K12	2004 05	30.57090	04 32 41.6	+19 44 43	249
Geocentric position (AU)		+0.00642581	+0.00624623	+0.00309866	
C/2004 K12	2004 05	30.59590	04 32 37.7	+19 48 18	249
Geocentric position (AU)		+0.00642056	+0.00624853	+0.00310033	
C/2004 K12	2004 05	30.61257	04 32 37.2	+19 51 21	249
Geocentric position (AU)		+0.00641706	+0.00625007	+0.00310144	
C/2004 K12	2004 05	30.63756	04 32 33.6	+19 55 31	249
Geocentric position (AU)		+0.00641182	+0.00625237	+0.00310310	
C/2004 K12	2004 05	30.65423	04 32 28.5	+19 57 41	249
Geocentric position (AU)		+0.00640832	+0.00625390	+0.00310421	
C/2004 K12	2004 05	30.67923	04 32 25.1	+20 01 53	249
Geocentric position (AU)		+0.00640306	+0.00625620	+0.00310587	
C/2004 K12	2004 05	30.69590	04 32 23.1	+20 05 01	249
Geocentric position (AU)		+0.00639956	+0.00625773	+0.00310698	

C/2004 K12	2004 05	30.72091	04 32 22.2	+20 08 47	249
Geocentric position (AU)		+0.00639430	+0.00626003	+0.00310864	
C/2004 K12	2004 05	30.72645	04 32 20.3	+20 09 52	249
Geocentric position (AU)		+0.00639312	+0.00626054	+0.00310902	
C/2004 K12	2004 05	30.73756	04 32 21.1	+20 11 26	249
Geocentric position (AU)		+0.00639079	+0.00626156	+0.00310975	
C/2004 K12	2004 05	30.74312	04 32 18.8	+20 12 45	249
Geocentric position (AU)		+0.00638962	+0.00626207	+0.00311012	
C/2004 K12	2004 05	30.75423	04 32 17.1	+20 14 38	249
Geocentric position (AU)		+0.00638728	+0.00626309	+0.00311086	
C/2004 K12	2004 05	30.76256	04 32 17.0	+20 16 13	249
Geocentric position (AU)		+0.00638553	+0.00626386	+0.00311141	
C/2004 K12	2004 05	30.76812	04 32 15.3	+20 17 04	249
Geocentric position (AU)		+0.00638435	+0.00626437	+0.00311178	
C/2004 K12	2004 05	30.78479	04 32 12.8	+20 20 07	249
Geocentric position (AU)		+0.00638084	+0.00626590	+0.00311289	
C/2004 K12	2004 05	30.81059	04 32 09.8	+20 24 41	249
Geocentric position (AU)		+0.00637541	+0.00626827	+0.00311460	
C/2004 K12	2004 05	30.82647	04 32 07.8	+20 27 37	249
Geocentric position (AU)		+0.00637206	+0.00626972	+0.00311566	
C/2004 K12	2004 05	30.83756	04 32 06.4	+20 29 43	249
Geocentric position (AU)		+0.00636972	+0.00627074	+0.00311639	
C/2004 K12	2004 05	30.85145	04 32 04.4	+20 32 16	249
Geocentric position (AU)		+0.00636679	+0.00627202	+0.00311731	
C/2004 K12	2004 05	30.86812	04 32 02.3	+20 35 37	249
Geocentric position (AU)		+0.00636327	+0.00627354	+0.00311842	
C/2004 K12	2004 05	30.89316	04 31 59.4	+20 40 36	249
Geocentric position (AU)		+0.00635799	+0.00627584	+0.00312008	
C/2004 K12	2004 05	30.90979	04 31 57.4	+20 44 02	249
Geocentric position (AU)		+0.00635448	+0.00627736	+0.00312118	
C/2004 K12	2004 05	30.92091	04 31 55.9	+20 46 20	249
Geocentric position (AU)		+0.00635213	+0.00627838	+0.00312192	
C/2004 K12	2004 05	30.93478	04 31 54.4	+20 49 10	249
Geocentric position (AU)		+0.00634920	+0.00627965	+0.00312283	

C/2004 L1 (LINEAR)

C/2004 L1	2004 06	12.27759	17 58 16.96	-12 54 06.6	18.0 N	704
C/2004 L1	2004 06	12.29782	17 58 14.51	-12 54 09.6	18.6 N	704
C/2004 L1	2004 06	12.30778	17 58 13.30	-12 54 11.5	18.6 N	704
C/2004 L1	2004 06	12.94946	17 56 53.10	-12 55 42.9	17.8 N	A50
C/2004 L1	2004 06	12.95159	17 56 52.75	-12 55 43.5	17.0 N	A50
C/2004 L1	2004 06	12.95370	17 56 52.51	-12 55 43.7	17.2 N	A50
C/2004 L1	2004 06	12.95583	17 56 52.25	-12 55 43.6	17.1 N	A50
C/2004 L1	2004 06	12.95795	17 56 52.04	-12 55 43.4	17.3 N	A50
C/2004 L1	2004 06	12.98443	17 56 48.65	-12 55 50.4	18.2 N	4 J95
C/2004 L1	2004 06	12.99512	17 56 47.36	-12 55 50.3		4 620
C/2004 L1	2004 06	12.99799	17 56 47.04	-12 55 50.9		4 620
C/2004 L1	2004 06	13.01589	17 56 44.94	-12 55 50.4	18.3 N	859
C/2004 L1	2004 06	13.01793	17 56 44.61	-12 55 50.8	18.3 N	859
C/2004 L1	2004 06	13.02001	17 56 44.40	-12 55 51.2	18.2 N	859
C/2004 L1	2004 06	13.02007	17 56 44.30	-12 55 53.7	18.9 N	4 J95
C/2004 L1	2004 06	13.02201	17 56 43.96	-12 55 52.5	18.2 N	859
C/2004 L1	2004 06	13.05429	17 56 39.95	-12 55 59.9	18.5 N	J87

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C/2004 L1	2004 06 13.05649	17 56 39.60	-12 55 59.5	18.3 N	J87
C/2004 L1	2004 06 13.05870	17 56 39.35	-12 55 59.3	18.5 N	J87
C/2004 L1	2004 06 13.06211	17 56 38.94	-12 56 00.2	18.0 N	941
C/2004 L1	2004 06 13.06256	17 56 38.88	-12 56 00.4	18.0 N	941
C/2004 L1	2004 06 13.06344	17 56 38.76	-12 56 00.5	18.1 N	941
C/2004 L1	2004 06 13.06389	17 56 38.70	-12 56 00.5	17.9 N	941
C/2004 L1	2004 06 13.19397	17 56 22.53	-12 56 18.4	18.0 N	G90
C/2004 L1	2004 06 13.19875	17 56 21.91	-12 56 19.1	17.9 N	G90
C/2004 L1	2004 06 13.20353	17 56 21.29	-12 56 19.7	17.9 N	G90
C/2004 L1	2004 06 13.26527	17 56 13.51	-12 56 29.2	18.2 N	704
C/2004 L1	2004 06 13.27107	17 56 12.74	-12 56 31.0	18.2 N	704
C/2004 L1	2004 06 13.27515	17 56 12.29	-12 56 30.7	18.4 N	704
C/2004 L1	2004 06 13.28111	17 56 11.54	-12 56 31.3	18.5 N	704
C/2004 L1	2004 06 13.28493	17 56 11.07	-12 56 31.9	18.4 N	704
C/2004 L1	2004 06 13.29117	17 56 10.26	-12 56 33.5	18.4 N	704
C/2004 L1	2004 06 13.29488	17 56 09.78	-12 56 33.3	18.6 N	704
C/2004 L1	2004 06 13.30116	17 56 08.96	-12 56 34.7	18.4 N	704
C/2004 L1	2004 06 13.30468	17 56 08.56	-12 56 34.2	18.7 N	704
C/2004 L1	2004 06 13.31115	17 56 07.93	-12 56 34.6	19.2 N	704
C/2004 L1	2004 06 13.32655	17 56 05.80	-12 56 38.0	18.3 N	926
C/2004 L1	2004 06 13.32847	17 56 05.49	-12 56 38.2	18.5 N	926
C/2004 L1	2004 06 13.33037	17 56 05.23	-12 56 38.5	18.1 N	926
C/2004 L1	2004 06 13.37368	17 55 59.70	-12 56 45.0	17.6 N	651
C/2004 L1	2004 06 13.37562	17 55 59.55	-12 56 45.1	17.4 N	651
C/2004 L1	2004 06 13.37704	17 55 59.41	-12 56 45.4	17.5 N	651
C/2004 L1	2004 06 13.88297	17 54 55.73	-12 58 00.1	18.4 N	620
C/2004 L1	2004 06 13.97024	17 54 44.63	-12 58 12.5		557
C/2004 L1	2004 06 13.97468	17 54 44.09	-12 58 13.3		557
C/2004 L1	2004 06 13.98354	17 54 42.94	-12 58 14.6		557
C/2004 L1	2004 06 13.98576	17 54 42.66	-12 58 14.8		557
C/2004 L1	2004 06 13.98797	17 54 42.38	-12 58 15.3		557
C/2004 L1	2004 06 13.99020	17 54 42.09	-12 58 15.6		557
C/2004 L1	2004 06 14.18147	17 54 18.01	-12 58 43.1		734
C/2004 L1	2004 06 14.20851	17 54 14.48	-12 58 47.0	17.8 N	734
C/2004 L1	2004 06 14.22557	17 54 12.35	-12 58 49.7	18.0 N	G90
C/2004 L1	2004 06 14.22676	17 54 12.23	-12 58 49.5	17.7 N	G90
C/2004 L1	2004 06 14.22795	17 54 12.12	-12 58 49.6	17.6 N	G90
C/2004 L1	2004 06 14.27003	17 54 06.72	-12 58 55.8	18.3 N	704
C/2004 L1	2004 06 14.27174	17 54 06.51	-12 58 55.7	18.1 N	704
C/2004 L1	2004 06 14.28020	17 54 05.42	-12 58 57.5	18.6 N	704
C/2004 L1	2004 06 14.28201	17 54 05.20	-12 58 57.7	18.2 N	704
C/2004 L1	2004 06 14.29016	17 54 04.20	-12 58 59.0	18.0 T	673
C/2004 L1	2004 06 14.29318	17 54 03.75	-12 58 59.1	18.5 N	704
C/2004 L1	2004 06 14.29468	17 54 03.59	-12 58 59.7		673
C/2004 L1	2004 06 14.29977	17 54 02.96	-12 59 00.5		673
C/2004 L1	2004 06 14.30057	17 54 02.84	-12 59 00.3	18.5 N	704
C/2004 L1	2004 06 14.30333	17 54 02.46	-12 59 00.4	18.7 N	704
C/2004 L1	2004 06 14.30440	17 54 02.33	-12 59 01.3		673
C/2004 L1	2004 06 14.31076	17 54 01.53	-12 59 01.9	18.5 N	704
C/2004 L1	2004 06 14.31340	17 54 01.18	-12 59 02.2	18.4 N	704
C/2004 L1	2004 06 14.34351	17 53 57.42	-12 59 06.5	18.4 N	926
C/2004 L1	2004 06 14.34542	17 53 57.09	-12 59 07.1	18.6 N	926
C/2004 L1	2004 06 14.34734	17 53 56.80	-12 59 06.9	18.1 N	926

C/2004 L1	2004 06 14.35104	17 53 56.35	-12 59 08.2		673
C/2004 L1	2004 06 14.36701	17 53 54.36	-12 59 09.9		673
C/2004 L1	2004 06 14.94998	17 52 40.24	-13 00 36.3	18.2 T	204
C/2004 L1	2004 06 16.28190	17 49 49.57	-13 03 52.1	18.6 T	704
C/2004 L1	2004 06 16.29190	17 49 48.24	-13 03 53.4	18.2 T	704
C/2004 L1	2004 06 16.30189	17 49 46.87	-13 03 55.6	18.1 T	704
C/2004 L1	2004 06 21.95203	17 37 25.74	-13 18 01.2	18 N	461
C/2004 L1	2004 06 21.95354	17 37 25.57	-13 18 01.5		461
C/2004 L1	2004 06 21.95505	17 37 25.33	-13 18 01.9		461
C/2004 L1	2004 06 25.92429	17 28 34.05	-13 27 59.2	17.1 N	213
C/2004 L1	2004 06 25.92794	17 28 33.65	-13 27 59.3	17.2 N	213
C/2004 L1	2004 06 26.06522	17 28 15.11	-13 28 17.7	17.8 N	859
C/2004 L1	2004 06 26.06840	17 28 14.57	-13 28 18.6	17.7 N	859
C/2004 L1	2004 06 26.07159	17 28 14.31	-13 28 21.1	17.4 N	859
C/2004 L1	2004 06 26.93122	17 26 18.39	-13 30 30.6		118
C/2004 L1	2004 06 26.93684	17 26 17.67	-13 30 30.9		118
C/2004 L1	2004 07 04.05249	17 10 22.37	-13 48 06.2	17.5 N	859
C/2004 L1	2004 07 04.05644	17 10 21.59	-13 48 07.5	17.5 N	859
C/2004 L1	2004 07 04.06038	17 10 21.12	-13 48 07.8	17.3 N	859
C/2004 L1	2004 07 04.06433	17 10 20.84	-13 48 08.0	17.5 N	859
C/2004 L1	2004 07 05.03691	17 08 11.30	-13 50 31.2	17.9 N	859
C/2004 L1	2004 07 05.04101	17 08 10.71	-13 50 31.4	17.7 N	859
C/2004 L1	2004 07 06.03363	17 05 59.16	-13 52 56.3	17.4 N	859
C/2004 L1	2004 07 06.03793	17 05 58.70	-13 52 56.4	18.5 N	859
C/2004 L1	2004 07 11.84752	16 53 24.40	-14 06 52.8	18.3 N	104
C/2004 L1	2004 07 11.85213	16 53 23.77	-14 06 54.1	18.1 N	104
C/2004 L1	2004 07 11.85693	16 53 23.18	-14 06 54.9	18.6 N	104
C/2004 L1	2004 07 11.86110	16 53 22.66	-14 06 55.3	17.9 N	104

C/2004 L2 (LINEAR)

C/2004 L2	2004 06 11.35259	19 10 44.61	-27 36 24.0	19.2 N	704
C/2004 L2	2004 06 11.36292	19 10 44.24	-27 36 28.1	18.9 N	704
C/2004 L2	2004 06 11.37338	19 10 43.96	-27 36 31.8	19.1 N	704
C/2004 L2	2004 06 14.32463	19 09 06.84	-27 55 48.8	18.7 N	704
C/2004 L2	2004 06 14.33519	19 09 06.48	-27 55 52.8	19.0 N	704
C/2004 L2	2004 06 14.34689	19 09 06.08	-27 55 58.1	18.8 N	704
C/2004 L2	2004 06 14.35686	19 09 05.73	-27 56 01.6	18.9 N	704
C/2004 L2	2004 06 14.36684	19 09 05.33	-27 56 05.9	18.7 N	704
C/2004 L2	2004 06 15.32448	19 08 32.88	-28 02 24.6	18.9 N	704
C/2004 L2	2004 06 15.33548	19 08 32.41	-28 02 27.4	19.4 N	704
C/2004 L2	2004 06 15.34520	19 08 32.13	-28 02 32.1	19.4 N	704
C/2004 L2	2004 06 17.01092	19 07 34.03	-28 13 26.9		118
C/2004 L2	2004 06 17.02093	19 07 33.67	-28 13 33.7		118
C/2004 L2	2004 06 17.19935	19 07 27.42	-28 14 42.8	18.8 T	105
C/2004 L2	2004 06 17.20375	19 07 27.22	-28 14 44.1	18.8 T	105
C/2004 L2	2004 06 17.28933	19 07 24.22	-28 15 19.2	19.3 N	651
C/2004 L2	2004 06 17.29188	19 07 24.15	-28 15 20.7	19.3 N	448
C/2004 L2	2004 06 17.31344	19 07 23.36	-28 15 28.0	17.5 N	G90
C/2004 L2	2004 06 17.31730	19 07 23.23	-28 15 29.8	19.0 N	651
C/2004 L2	2004 06 17.31791	19 07 23.17	-28 15 30.2	19.5 N	448
C/2004 L2	2004 06 17.31967	19 07 23.22	-28 15 31.8	18.1 N	G90
C/2004 L2	2004 06 17.32082	19 07 23.11	-28 15 32.3	19.0 N	651
C/2004 L2	2004 06 17.32339	19 07 22.95	-28 15 33.2	18.5 N	704

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C/2004 L2	2004 06 17.32518	19 07 22.95	-28 15 34.0	19.7 N	448	29P	2004 06 13.73714	00 23 09.75	+09 42 57.3		349
C/2004 L2	2004 06 17.32658	19 07 22.84	-28 15 34.9	17.5 N	G90	29P	2004 06 13.73867	00 23 09.77	+09 42 57.5		349
C/2004 L2	2004 06 17.32725	19 07 22.89	-28 15 35.0	18.9 N	704	29P	2004 06 13.74018	00 23 09.83	+09 42 57.9		349
C/2004 L2	2004 06 17.33367	19 07 22.60	-28 15 38.1	18.9 N	704	29P	2004 06 13.74171	00 23 09.85	+09 42 58.2	13.5 T	349
C/2004 L2	2004 06 17.33513	19 07 22.59	-28 15 37.3	18.7 N	704	29P	2004 06 16.42834	00 24 11.49	+09 53 57.9	12.1 T	703
C/2004 L2	2004 06 17.34541	19 07 22.20	-28 15 43.0	18.6 N	704	29P	2004 06 16.43581	00 24 11.66	+09 54 00.0	12.0 T	703
C/2004 L2	2004 06 17.34611	19 07 22.22	-28 15 42.0	18.9 N	704	29P	2004 06 16.44326	00 24 11.84	+09 54 01.5	12.1 T	703
C/2004 L2	2004 06 17.35423	19 07 21.87	-28 15 45.3	18.5 N	704	29P	2004 06 16.45071	00 24 11.99	+09 54 03.7	12.0 T	703
C/2004 L2	2004 06 17.35551	19 07 21.83	-28 15 45.8	18.7 N	704	29P	2004 06 17.29299	00 24 30.71	+09 57 29.1	13.0 T	I05
C/2004 L2	2004 06 17.35569	19 07 21.83	-28 15 46.1	18.6 N	704	29P	2004 06 17.29862	00 24 30.80	+09 57 30.1	13.3 T	I05
C/2004 L2	2004 06 17.38681	19 07 20.75	-28 15 58.6	18.0 N	673	29P	2004 06 20.07769	00 25 29.63	+10 08 25.5	13.9 N	J76
C/2004 L2	2004 06 17.39097	19 07 20.50	-28 16 00.5		673	29P	2004 06 20.07816	00 25 29.68	+10 08 25.2	14.0 N	J76
C/2004 L2	2004 06 17.39514	19 07 20.41	-28 16 02.4		673	29P	2004 06 20.07865	00 25 29.72	+10 08 25.0	14.0 N	J76
C/2004 L2	2004 06 23.33073	19 03 40.88	-28 55 15.6	17.7 N	I05	29P	2004 06 20.10895	00 25 30.34	+10 08 32.1	14.0 N	A02
C/2004 L2	2004 06 23.33831	19 03 40.50	-28 55 18.4	17.6 N	I05	29P	2004 06 20.11037	00 25 30.36	+10 08 32.2	14.0 N	A02
C/2004 L2	2004 06 26.05506	19 01 54.78	-29 13 19.4		213	29P	2004 06 20.11292	00 25 30.35	+10 08 33.0	13.9 N	A01
C/2004 L2	2004 06 29.40741	18 59 40.33	-29 35 21.1	18.5 T	673	29P	2004 06 20.11488	00 25 30.36	+10 08 32.9	14.0 N	A01
C/2004 L2	2004 06 29.41134	18 59 40.17	-29 35 22.6		673	29P	2004 06 23.36273	00 26 34.17	+10 20 56.6	12.7 N	I05
C/2004 L2	2004 06 29.41354	18 59 40.08	-29 35 23.4		673	29P	2004 06 23.36370	00 26 34.16	+10 20 56.7	12.8 N	I05
2P/Encke						29P	2004 06 24.32463	00 26 51.99	+10 24 30.5	13.8 N	I05
2P	2004 06 27.30333	22 34 15.57	-14 49 26.2	19.1 N	859	29P	2004 06 24.32560	00 26 52.01	+10 24 31.0	13.8 N	I05
2P	2004 06 27.30839	22 34 15.24	-14 49 28.0	18.9 N	859	29P	2004 06 24.32659	00 26 52.01	+10 24 30.8	13.9 N	I05
2P	2004 06 27.31718	22 34 14.87	-14 49 28.9	18.5 N	859	29P	2004 06 24.32755	00 26 52.04	+10 24 31.1	13.8 N	I05
2P	2004 06 30.72436	22 31 27.38	-15 05 46.0	18.7 N	360	29P	2004 06 24.32852	00 26 52.02	+10 24 31.3	13.9 N	I05
2P	2004 06 30.72889	22 31 27.23	-15 05 47.3		360	29P	2004 06 26.03666	00 27 22.51	+10 30 41.9	13.6 N	A18
2P	2004 06 30.73586	22 31 26.82	-15 05 50.1		360	29P	2004 06 26.06837	00 27 23.07	+10 30 49.5	13.4 N	213
2P	2004 07 11.28835	22 20 34.17	-16 05 05.6	18.2 T	704	29P	2004 06 26.07179	00 27 23.16	+10 30 50.5	13.5 N	213
2P	2004 07 11.29887	22 20 33.41	-16 05 08.7	18.4 T	704	29P	2004 06 26.07328	00 27 23.20	+10 30 51.0	13.4 N	213
2P	2004 07 11.30942	22 20 32.65	-16 05 13.1	18.8 T	704	29P	2004 06 27.02207	00 27 39.40	+10 34 14.5		048
2P	2004 07 11.32014	22 20 31.89	-16 05 16.9	18.9 T	704	29P	2004 06 27.02282	00 27 39.41	+10 34 14.6		048
2P	2004 07 11.33074	22 20 31.07	-16 05 21.4	19.2 T	704	29P	2004 06 27.02433	00 27 39.43	+10 34 15.0		048
10P/Tempel						29P	2004 06 27.02657	00 27 39.45	+10 34 15.4		048
10P	2004 06 17.93158	12 31 03.49	+11 27 35.5	19.1 N	213	29P	2004 06 27.02733	00 27 39.46	+10 34 15.5		048
10P	2004 06 17.93332	12 31 03.53	+11 27 34.8		213	29P	2004 06 27.08324	00 27 40.40	+10 34 27.4	13.6 N	939
10P	2004 06 18.18477	12 31 08.65	+11 25 51.2	18.8 T	699	29P	2004 06 27.08649	00 27 40.46	+10 34 28.2	13.6 N	939
10P	2004 06 18.19860	12 31 08.86	+11 25 44.7		699	29P	2004 06 27.08973	00 27 40.53	+10 34 28.8	13.6 N	939
10P	2004 06 18.21246	12 31 09.05	+11 25 39.8		699	29P	2004 06 30.10242	00 28 28.39	+10 45 04.0	14.4 N	442
10P	2004 06 18.22631	12 31 09.48	+11 25 34.3		699	29P	2004 06 30.10321	00 28 28.91	+10 45 00.9	14.4 N	442
10P	2004 06 18.94511	12 31 24.61	+11 20 28.2	17.4 N	442	29P	2004 06 30.74330	00 28 38.30	+10 47 09.3	12.5 T	360
10P	2004 06 19.17341	12 31 29.56	+11 18 52.9	18.9 T	704	29P	2004 06 30.74559	00 28 38.36	+10 47 10.2	14.8 N	360
10P	2004 06 19.19263	12 31 29.96	+11 18 44.2	19.2 T	704	29P	2004 07 04.06420	00 29 24.40	+10 58 04.2	14.5 N	939
10P	2004 06 19.21206	12 31 30.40	+11 18 36.7	18.8 T	704	29P	2004 07 04.06883	00 29 24.48	+10 58 04.9	14.5 N	939
21P/Giacobini-Zinner						29P	2004 07 04.07345	00 29 24.55	+10 58 05.8	14.5 N	939
21P	2004 06 21.39506	14 22 18.62	+07 08 49.8	21.3 T	568	29P	2004 07 04.08030	00 29 24.51	+10 58 08.8	15.5 N	J87
21P	2004 06 22.38957	14 21 56.58	+07 09 04.5	20.9 T	568	29P	2004 07 04.08898	00 29 24.68	+10 58 09.6	16.2 N	J87
21P	2004 06 22.39428	14 21 56.48	+07 09 04.5	20.9 T	568	29P	2004 07 04.09118	00 29 24.69	+10 58 10.0	16.5 N	J87
21P	2004 06 22.39898	14 21 56.38	+07 09 04.6	20.9 T	568	29P	2004 07 07.29472	00 30 03.17	+11 08 11.1	15.0 N	I05
29P/Schwassmann-Wachmann						29P	2004 07 07.29862	00 30 03.21	+11 08 12.1	15.0 N	I05
29P	2004 06 13.11825	00 22 54.97	+09 40 23.0	14.9 N	A02	29P	2004 07 10.03794	00 30 31.28	+11 16 18.7	15.0 N	213
29P	2004 06 13.12109	00 22 55.11	+09 40 23.4	15.0 N	A02	29P	2004 07 10.03889	00 30 31.29	+11 16 18.3	15.1 N	213
29P	2004 06 13.12391	00 22 55.24	+09 40 23.9	15.0 N	A02	29P	2004 07 10.03973	00 30 31.30	+11 16 19.6	15.1 N	213

2004 JULY 13

M.P.C. 52309

40P/Väisälä

40P	2004 04 25.54413	16 03 19.01	+01 22 27.5	17.0 N	415
40P	2004 04 25.54521	16 03 18.99	+01 22 28.0	16.8 N	415
40P	2004 04 25.54627	16 03 18.97	+01 22 28.2	16.8 N	415
40P	2004 05 10.02314	15 55 04.31	+01 46 20.6	17.0 N	204
40P	2004 05 10.02633	15 55 04.16	+01 46 20.5	16.7 N	204
40P	2004 05 25.65270	15 44 51.01	+01 12 40.0	16.0 T	349
40P	2004 05 25.65492	15 44 50.94	+01 12 39.8		349
40P	2004 05 25.65713	15 44 50.84	+01 12 38.5		349
40P	2004 05 28.02947	15 43 27.41	+01 02 12.6	16.3 N	A32
40P	2004 05 28.03003	15 43 27.39	+01 02 12.8	16.4 N	A32
40P	2004 05 28.03453	15 43 27.13	+01 02 11.3	16.3 N	A32
40P	2004 05 28.99242	15 42 54.95	+00 57 37.1	16.5 N	A32
40P	2004 05 28.99691	15 42 54.80	+00 57 36.0	16.5 N	A32
40P	2004 05 29.00477	15 42 54.52	+00 57 33.3	16.5 N	A32
40P	2004 06 08.00465	15 38 13.09	-00 01 13.4		A46
40P	2004 06 08.00660	15 38 13.07	-00 01 14.1		A46
40P	2004 06 08.00757	15 38 13.17	-00 01 14.7		A46
40P	2004 06 08.00854	15 38 12.98	-00 01 15.8		A46
40P	2004 06 08.00951	15 38 13.12	-00 01 15.9		A46
40P	2004 06 08.01147	15 38 13.02	-00 01 17.4		A46
40P	2004 06 12.98148	15 36 37.76	-00 36 55.2	16.2 N	A32
40P	2004 06 12.98709	15 36 37.68	-00 36 57.3	16.2 N	A32
40P	2004 06 12.99270	15 36 37.57	-00 37 00.1	16.1 N	A32
40P	2004 06 13.01302	15 36 37.17	-00 37 08.8	16.2 N	A02
40P	2004 06 13.01586	15 36 37.14	-00 37 09.8	16.2 N	A02
40P	2004 06 13.01870	15 36 37.10	-00 37 10.8	16.2 N	A02
40P	2004 06 13.22609	15 36 34.10	-00 38 42.4	17.9 T	704
40P	2004 06 13.23607	15 36 33.94	-00 38 47.9	18.9 T	704
40P	2004 06 13.25594	15 36 33.60	-00 38 58.0	19.2 T	704
40P	2004 06 13.26594	15 36 33.38	-00 39 02.5	19.4 T	704
40P	2004 06 13.61069	15 36 27.97	-00 41 39.7		349
40P	2004 06 13.61514	15 36 27.91	-00 41 42.0		349
40P	2004 06 13.61958	15 36 27.81	-00 41 43.8	16.2 T	349
40P	2004 06 14.53877	15 36 14.78	-00 48 46.7	17.2 T	900
40P	2004 06 14.56041	15 36 14.50	-00 48 58.0	17.0 T	900
40P	2004 06 14.58700	15 36 14.02	-00 49 10.1		D70
40P	2004 06 14.59271	15 36 13.79	-00 49 11.4	17.4 T	D70
40P	2004 06 16.46182	15 35 50.82	-01 03 46.8	18.2 N	415
40P	2004 06 16.46463	15 35 50.79	-01 03 48.4	18.3 N	415
40P	2004 06 16.46744	15 35 50.74	-01 03 49.9	18.1 N	415
40P	2004 06 17.94094	15 35 35.72	-01 15 51.9	17.1 T	A41
40P	2004 06 17.96042	15 35 35.63	-01 16 02.6	18.6 T	A41
40P	2004 06 17.97925	15 35 35.42	-01 16 10.4	17.1 T	A41
40P	2004 06 18.89418	15 35 27.88	-01 23 39.7		170
40P	2004 06 18.93748	15 35 27.56	-01 24 00.9	16.6 N	939
40P	2004 06 18.94927	15 35 27.38	-01 24 07.1	16.6 N	939
40P	2004 06 18.96042	15 35 27.24	-01 24 13.1	16.7 N	939
40P	2004 06 18.99030	15 35 27.03	-01 24 27.5	16.4 T	A01
40P	2004 06 27.90956	15 35 16.26	-02 41 43.1		620
40P	2004 06 27.91546	15 35 16.31	-02 41 46.1		620
40P	2004 07 03.92215	15 36 11.98	-03 36 38.1		J78

42P/Neujmin

42P	2004 05 17.39914	19 53 45.21	-15 43 25.7	19.2 T	704
42P	2004 05 17.40888	19 53 45.80	-15 43 25.0	19.7 T	704
42P	2004 05 17.42804	19 53 46.90	-15 43 21.5	20.0 T	704
42P	2004 06 25.99425	20 14 51.33	-14 42 52.2	16.8 N	213
42P	2004 06 26.99599	20 14 51.81	-14 44 07.0		213
42P	2004 06 27.95069	20 14 50.98	-14 45 29.0		213
42P	2004 06 27.96563	20 14 50.95	-14 45 29.5	16.5 N	213
42P	2004 06 29.92204	20 14 45.41	-14 48 40.1		213
42P	2004 06 29.93126	20 14 45.39	-14 48 42.1	16.7 N	213
42P	2004 06 29.93377	20 14 45.34	-14 48 42.6		213
42P	2004 07 06.95501	20 13 45.37	-15 04 48.3		048
42P	2004 07 06.96052	20 13 45.36	-15 04 49.1		048
42P	2004 07 06.96492	20 13 45.34	-15 04 49.8		048
42P	2004 07 06.96602	20 13 45.28	-15 04 50.6		048
42P	2004 07 07.92065	20 13 33.06	-15 07 31.9		213
42P	2004 07 07.92428	20 13 32.97	-15 07 32.5		213
42P	2004 07 07.92963	20 13 32.95	-15 07 34.1		213
42P	2004 07 08.93228	20 13 18.88	-15 10 33.5	16.4 N	213
42P	2004 07 08.93618	20 13 18.84	-15 10 34.1	16.4 N	213
42P	2004 07 08.93987	20 13 18.81	-15 10 34.6	16.3 N	213

48P/Johnson

48P	2004 06 03.68346	20 15 46.60	-15 09 46.9		349
48P	2004 06 03.69032	20 15 46.69	-15 09 48.2		349
48P	2004 06 03.69490	20 15 46.76	-15 09 49.0	16.8 T	349
48P	2004 06 13.07622	20 16 49.43	-15 51 00.2	16.5 N	A02
48P	2004 06 13.08255	20 16 49.41	-15 51 01.7	16.5 N	A02
48P	2004 06 13.08465	20 16 49.39	-15 51 02.2	16.6 N	A02
48P	2004 06 13.72132	20 16 48.90	-15 54 23.0		349
48P	2004 06 13.72575	20 16 48.88	-15 54 24.6		349
48P	2004 06 13.72797	20 16 48.86	-15 54 25.5	16.7 T	349
48P	2004 06 14.72749	20 16 46.72	-15 59 49.2		D70
48P	2004 06 14.73402	20 16 46.81	-15 59 52.5		D70
48P	2004 06 14.73714	20 16 46.74	-15 59 52.9	16.9 T	D70
48P	2004 06 16.68028	20 16 38.55	-16 10 55.6		D83
48P	2004 06 16.68217	20 16 38.55	-16 10 56.6		D83
48P	2004 06 16.68950	20 16 38.43	-16 10 58.9		D83
48P	2004 06 16.69315	20 16 38.44	-16 11 00.5	16.6 T	D83
48P	2004 06 20.06336	20 16 10.56	-16 31 44.7	16.2 T	A01
48P	2004 06 20.06728	20 16 10.35	-16 31 45.5	16.1 T	A01
48P	2004 06 25.97766	20 14 42.18	-17 12 52.4	16.2 N	213
48P	2004 06 25.97933	20 14 42.17	-17 12 52.6	16.2 N	213
48P	2004 06 26.19948	20 14 37.75	-17 14 26.3	16.3 N	859
48P	2004 06 26.97784	20 14 22.33	-17 20 23.5		048
48P	2004 06 26.97894	20 14 22.30	-17 20 23.6		048
48P	2004 06 26.98112	20 14 22.27	-17 20 25.1		048
48P	2004 06 26.98442	20 14 22.17	-17 20 26.5		048
48P	2004 06 26.98662	20 14 22.15	-17 20 27.4		048
48P	2004 06 27.06733	20 14 20.49	-17 21 04.1	16.1 N	939
48P	2004 06 27.07334	20 14 20.34	-17 21 07.0	16.1 N	939
48P	2004 06 27.07938	20 14 20.18	-17 21 09.9	16.1 N	939
48P	2004 06 27.08197	20 14 20.15	-17 21 11.1		170

M.P.C. 52310

2004 JULY 13

48P	2004 06 27.08924	20 14 19.98	-17 21 14.3		170
48P	2004 06 27.18756	20 14 18.01	-17 21 54.1	16.2 N	859
48P	2004 06 27.20101	20 14 17.69	-17 22 00.2	16.1 N	859
48P	2004 06 27.21264	20 14 17.43	-17 22 05.4	16.2 N	859
48P	2004 06 27.22640	20 14 17.07	-17 22 11.9	16.5 N	859
48P	2004 06 27.95569	20 14 01.96	-17 27 53.5	16.8 N	620
48P	2004 06 27.96159	20 14 01.84	-17 27 56.3	16.7 N	620
48P	2004 06 27.96858	20 14 01.66	-17 27 59.3	16.8 N	620
48P	2004 06 30.69194	20 12 57.77	-17 49 39.1	16.2 T	360
48P	2004 06 30.69727	20 12 57.66	-17 49 41.7		360
48P	2004 07 05.17519	20 10 53.59	-18 27 26.6	16.3 N	859
48P	2004 07 05.18743	20 10 53.19	-18 27 33.2	16.2 N	859
48P	2004 07 05.19683	20 10 52.92	-18 27 37.9	16.5 N	859
48P	2004 07 07.95295	20 09 25.90	-18 52 14.1	17.1 N	213
48P	2004 07 07.95503	20 09 25.78	-18 52 15.2	16.9 N	213
48P	2004 07 09.02997	20 08 49.72	-19 02 02.3	15.7 N	939
48P	2004 07 09.03737	20 08 49.40	-19 02 06.4	15.7 N	939
48P	2004 07 09.04479	20 08 49.09	-19 02 10.3	15.7 N	939
48P	2004 07 09.29292	20 08 40.77	-19 04 25.3	16.4 T	704
48P	2004 07 09.30321	20 08 40.45	-19 04 32.7	17.7 T	704
48P	2004 07 09.31351	20 08 40.07	-19 04 38.9	17.1 T	704
48P	2004 07 09.32380	20 08 39.66	-19 04 43.7	17.0 T	704
48P	2004 07 09.33411	20 08 39.14	-19 04 50.1	17.0 T	704

53P/Van Biesbroeck

53P	2004 06 12.81881	00 36 44.41	+01 24 17.8	15.8 T	E12
53P	2004 06 12.82223	00 36 44.62	+01 24 18.5	16.1 T	E12
53P	2004 06 12.82566	00 36 44.76	+01 24 19.7	15.9 T	E12
53P	2004 06 12.82910	00 36 45.00	+01 24 20.8	16.1 T	E12
53P	2004 06 13.74648	00 37 36.75	+01 28 01.2		349
53P	2004 06 13.74767	00 37 36.83	+01 28 01.4		349
53P	2004 06 13.74885	00 37 36.90	+01 28 01.6	16.8 T	349
53P	2004 06 23.39425	00 46 00.09	+02 02 06.3	17.3 N	I05
53P	2004 06 23.39522	00 46 00.16	+02 02 06.1	17.3 N	I05
53P	2004 06 24.34368	00 46 45.59	+02 04 55.8	17.8 N	I05
53P	2004 06 24.34465	00 46 45.66	+02 04 57.1	17.3 N	I05
53P	2004 06 24.34563	00 46 45.73	+02 04 57.3	17.5 N	I05

65P/Gunn

65P	2004 06 23.39795	01 21 09.75	-01 25 20.2	17.1 N	I05
65P	2004 06 23.39892	01 21 09.79	-01 25 19.7	17.0 N	I05
65P	2004 06 24.31432	01 21 54.12	-01 22 21.3	17.4 N	I05
65P	2004 06 24.31529	01 21 54.23	-01 22 21.4	17.6 N	I05

67P/Churyumov-Gerasimenko

67P	2004 06 19.95640	13 40 24.39	-08 19 41.7		950
67P	2004 06 19.99140	13 40 24.07	-08 19 41.8	22.7 T	950
67P	2004 06 20.04190	13 40 23.66	-08 19 42.7		950

78P/Gehrels

78P	2004 06 14.75160	00 55 12.35	+09 48 18.8		349
78P	2004 06 14.75397	00 55 12.60	+09 48 20.5		349
78P	2004 06 14.75633	00 55 12.85	+09 48 22.0	15.3 T	349
78P	2004 06 17.32682	00 59 40.79	+10 14 03.4	16.6 N	I05
78P	2004 06 17.32844	00 59 40.99	+10 14 04.4	16.4 N	I05

78P	2004 06 17.33498	00 59 41.66	+10 14 08.4	16.5 N	I05
78P	2004 06 20.08911	01 04 28.34	+10 41 11.3	15.7 N	J76
78P	2004 06 20.09007	01 04 28.51	+10 41 11.6	15.7 N	J76
78P	2004 06 20.09102	01 04 28.61	+10 41 11.9	15.7 N	J76
78P	2004 06 27.11200	01 16 37.74	+11 48 23.3	15.6 N	939
78P	2004 06 27.11664	01 16 38.21	+11 48 26.0	15.7 N	939
78P	2004 06 27.12140	01 16 38.69	+11 48 28.9	15.6 N	939
78P	2004 07 04.09339	01 28 38.84	+12 52 08.0	15.7 N	939
78P	2004 07 04.09803	01 28 39.36	+12 52 10.6	15.7 N	939
78P	2004 07 04.10267	01 28 39.88	+12 52 13.0	15.7 N	939
78P	2004 07 11.39743	01 41 06.97	+13 55 02.8	17.4 T	704
78P	2004 07 11.40885	01 41 08.08	+13 55 07.2	17.9 T	704
78P	2004 07 11.41969	01 41 09.16	+13 55 13.5	18.0 T	704
78P	2004 07 11.43006	01 41 10.30	+13 55 19.2	16.5 T	704

81P/Wild

81P	2004 06 10.61501	19 30 42.56	-18 56 10.0	17.5 N	415
81P	2004 06 10.61755	19 30 42.38	-18 56 10.1	17.4 N	415
81P	2004 06 11.56344	19 29 58.37	-18 58 06.3	17.3 N	415
81P	2004 06 11.56557	19 29 58.24	-18 58 07.9	17.5 N	415
81P	2004 06 11.56767	19 29 58.14	-18 58 07.7	17.3 N	415
81P	2004 06 13.06675	19 28 45.85	-19 01 25.3		A02
81P	2004 06 13.06958	19 28 45.77	-19 01 25.5		A02
81P	2004 06 13.07242	19 28 45.68	-19 01 25.7		A02
81P	2004 06 13.63264	19 28 18.16	-19 02 38.9		349
81P	2004 06 13.63707	19 28 17.94	-19 02 39.3		349
81P	2004 06 13.64152	19 28 17.71	-19 02 39.8	15.5 T	349
81P	2004 06 13.69766	19 28 14.84	-19 02 47.2	16.9 T	900
81P	2004 06 13.70670	19 28 14.39	-19 02 49.1	16.9 T	900
81P	2004 06 13.98711	19 28 00.59	-19 03 25.7	17.6 N	945
81P	2004 06 13.99079	19 28 00.41	-19 03 26.4	17.6 N	945
81P	2004 06 13.99398	19 28 00.25	-19 03 26.9	17.6 N	945
81P	2004 06 13.99729	19 28 00.07	-19 03 27.4	17.5 N	945
81P	2004 06 14.00069	19 27 59.89	-19 03 27.9	17.6 N	945
81P	2004 06 14.71762	19 27 23.82	-19 05 02.6		D70
81P	2004 06 14.71992	19 27 23.65	-19 05 04.7		D70
81P	2004 06 14.72094	19 27 23.62	-19 05 03.9	15.7 T	D70
81P	2004 06 15.32454	19 26 53.09	-19 06 25.8	17.7 T	704
81P	2004 06 15.33468	19 26 52.45	-19 06 28.9	18.3 T	704
81P	2004 06 15.34482	19 26 51.85	-19 06 29.0	18.3 T	704
81P	2004 06 15.35496	19 26 51.30	-19 06 29.4	17.9 T	704
81P	2004 06 15.36512	19 26 50.84	-19 06 30.4	17.9 T	704
81P	2004 06 16.57350	19 25 48.39	-19 09 11.1	16.6 N	415
81P	2004 06 16.57773	19 25 48.12	-19 09 11.5	17.5 N	415
81P	2004 06 16.67015	19 25 43.20	-19 09 30.5		D83
81P	2004 06 16.67211	19 25 43.09	-19 09 31.2		D83
81P	2004 06 16.67397	19 25 42.96	-19 09 31.2		D83
81P	2004 06 16.67586	19 25 42.90	-19 09 31.5	16.3 T	D83
81P	2004 06 18.32190	19 24 15.37	-19 13 22.8	16.8 T	704
81P	2004 06 18.33204	19 24 14.90	-19 13 24.7	17.2 T	704
81P	2004 06 18.34233	19 24 14.18	-19 13 27.4	18.1 T	704
81P	2004 06 18.35248	19 24 13.63	-19 13 27.1	17.3 T	704
81P	2004 06 18.36262	19 24 13.02	-19 13 29.3	17.3 T	704

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81P	2004 06 19.00967	19 23 37.98	-19 15 03.6	16.2 N	442	88P	2004 06 16.73642	01 09 26.48	+02 51 31.1		D83
81P	2004 06 20.08497	19 22 39.10	-19 17 37.4	15.7 N	A02	88P	2004 06 16.74014	01 09 26.89	+02 51 33.3		D83
81P	2004 06 20.08707	19 22 39.04	-19 17 36.8	15.7 N	A02	88P	2004 06 16.74574	01 09 27.65	+02 51 38.2		D83
81P	2004 06 20.16071	19 22 35.08	-19 17 43.9	16.6 N	859	88P	2004 06 16.74941	01 09 28.11	+02 51 40.9	13.4 T	D83
81P	2004 06 20.17918	19 22 33.94	-19 17 46.2	16.4 N	859	88P	2004 06 20.09402	01 16 38.79	+03 33 54.5	14.5 N	J76
81P	2004 06 20.18734	19 22 33.53	-19 17 47.7	16.6 N	859	88P	2004 06 20.09623	01 16 39.09	+03 33 56.8	14.5 N	J76
81P	2004 06 20.52557	19 22 14.98	-19 18 34.8	17.3 N	415	88P	2004 06 20.09718	01 16 39.23	+03 33 57.4	14.5 N	J76
81P	2004 06 20.52769	19 22 14.88	-19 18 35.8	17.1 N	415	88P	2004 07 04.10770	01 44 16.12	+06 11 25.5	14.6 N	939
81P	2004 06 20.52979	19 22 14.70	-19 18 36.0	16.9 N	415	88P	2004 07 04.11233	01 44 16.57	+06 11 28.7	14.6 N	939
81P	2004 06 20.53191	19 22 14.59	-19 18 36.7	17.0 N	415	88P	2004 07 04.11698	01 44 16.99	+06 11 31.2	14.6 N	939
81P	2004 06 21.55390	19 21 17.50	-19 21 07.5	17.6 N	415						
81P	2004 06 21.55742	19 21 17.32	-19 21 08.0	17.3 N	415						
81P	2004 06 23.55153	19 19 24.17	-19 26 06.1	17.4 N	415	117P	2004 02 23.96197	12 11 31.56	+09 52 41.7	18.7 T	097
81P	2004 06 23.55576	19 19 23.94	-19 26 06.7	17.3 N	415	117P	2004 02 23.97863	12 11 31.06	+09 52 45.7	18.3 T	097
81P	2004 06 25.16084	19 17 51.28	-19 30 12.0	16.5 N	859	117P	2004 02 24.96421	12 11 02.73	+09 56 39.3	18.3 T	097
81P	2004 06 25.16847	19 17 51.24	-19 30 12.5	16.7 N	859	117P	2004 02 25.00414	12 11 01.52	+09 56 48.9	18.3 T	097
81P	2004 06 25.96571	19 17 04.58	-19 32 18.0	15.9 N	213						
81P	2004 06 25.96811	19 17 04.42	-19 32 18.7	15.9 N	213	118P	2004 06 18.17999	11 49 40.17	+07 34 36.0	19.8 T	704
81P	2004 06 25.97057	19 17 04.26	-19 32 19.6	15.8 N	213	118P	2004 06 18.19198	11 49 40.61	+07 34 32.3	19.7 T	704
81P	2004 06 26.16245	19 16 53.02	-19 32 46.8	15.8 N	859	118P	2004 06 18.20175	11 49 41.10	+07 34 30.2	20.3 T	704
81P	2004 06 26.17734	19 16 52.16	-19 32 47.4	16.4 N	859	118P	2004 06 18.21194	11 49 41.60	+07 34 22.4	19.5 T	704
81P	2004 06 26.59922	19 16 27.60	-19 33 49.0	17.7 N	415						
81P	2004 06 26.61049	19 16 26.88	-19 33 51.3	17.4 N	415						
81P	2004 06 27.07094	19 15 59.83	-19 35 07.9		170	119P	2004 06 16.43020	00 52 32.54	+10 22 26.1	18.4 T	703
81P	2004 06 27.15148	19 15 55.15	-19 35 16.4	16.4 N	859	119P	2004 06 16.43766	00 52 32.88	+10 22 26.9	17.4 T	703
81P	2004 06 27.16256	19 15 54.51	-19 35 18.0	16.6 N	859	119P	2004 06 16.44512	00 52 33.37	+10 22 30.2	19.6 T	703
81P	2004 06 27.17073	19 15 53.98	-19 35 19.2	16.5 N	859	119P	2004 06 16.45256	00 52 33.87	+10 22 33.7	18.7 T	703
81P	2004 07 05.13260	19 08 03.40	-19 55 46.0	16.3 N	859	119P	2004 06 23.36573	00 58 39.07	+11 04 36.0	19.0 N	I05
81P	2004 07 05.14051	19 08 02.81	-19 55 46.8	16.2 N	859	119P	2004 06 23.38613	00 58 40.11	+11 04 42.5	18.3 N	I05
81P	2004 07 06.91561	19 06 18.73	-20 00 22.7		048	119P	2004 06 23.38924	00 58 40.26	+11 04 43.2	18.4 N	I05
81P	2004 07 06.91671	19 06 18.66	-20 00 22.6		048						
81P	2004 07 06.92002	19 06 18.49	-20 00 23.0		048	123P	2004 06 04.51597	12 42 28.79	+01 37 34.6	17.4 T	900
81P	2004 07 06.92772	19 06 18.10	-20 00 24.7		048	123P	2004 06 04.52318	12 42 28.89	+01 37 28.8	17.3 T	900
81P	2004 07 06.92993	19 06 17.97	-20 00 24.9		048	123P	2004 06 05.46922	12 42 49.24	+01 27 39.8		349
81P	2004 07 08.43875	19 04 50.10	-20 04 07.9	16.8 N	415	123P	2004 06 05.47006	12 42 49.28	+01 27 40.1		349
81P	2004 07 08.43984	19 04 50.06	-20 04 08.0	17.4 N	415	123P	2004 06 05.47088	12 42 49.30	+01 27 39.4	16.2 T	349
81P	2004 07 08.44090	19 04 50.03	-20 04 08.2	17.2 N	415	123P	2004 06 11.50084	12 45 23.60	+00 24 24.5	18.2 N	415
81P	2004 07 08.97251	19 04 19.02	-20 05 34.9	15.8 N	939	123P	2004 06 11.50367	12 45 23.59	+00 24 22.1	18.4 N	415
81P	2004 07 08.97993	19 04 18.54	-20 05 35.9	15.8 N	939	123P	2004 06 11.50648	12 45 23.60	+00 24 21.2	17.7 N	415
81P	2004 07 08.98735	19 04 18.06	-20 05 36.8	15.8 N	939	123P	2004 06 12.87900	12 46 04.71	+00 09 43.4	16.9 N	J76
81P	2004 07 11.24394	19 02 08.89	-20 11 13.2	17.0 T	704	123P	2004 06 12.87984	12 46 04.71	+00 09 42.8	17.0 N	J76
81P	2004 07 11.25395	19 02 08.30	-20 11 14.5	17.6 T	704	123P	2004 06 12.88249	12 46 04.76	+00 09 41.4	17.0 N	J76
81P	2004 07 11.26396	19 02 07.74	-20 11 15.1	17.3 T	704	123P	2004 06 13.17422	12 46 13.74	+00 06 37.2	19.2 T	704
81P	2004 07 11.27396	19 02 07.09	-20 11 17.5	17.6 T	704	123P	2004 06 13.18434	12 46 14.06	+00 06 30.3	19.3 T	704
81P	2004 07 11.28399	19 02 06.50	-20 11 19.4	17.6 T	704	123P	2004 06 13.19443	12 46 14.43	+00 06 23.6	19.4 T	704
						123P	2004 06 13.20454	12 46 14.67	+00 06 17.0	19.5 T	704
						123P	2004 06 13.20463	12 46 14.82	+00 06 17.8	14.7 T	703
						123P	2004 06 13.21111	12 46 14.94	+00 06 14.5	15.2 T	703
88P	2004 05 14.76163	23 47 31.90	-05 25 44.0	13.7 N	D82	123P	2004 06 13.21465	12 46 15.07	+00 06 09.0	18.9 T	704
88P	2004 05 14.77071	23 47 33.46	-05 25 33.7	13.9 T	D82	123P	2004 06 13.21758	12 46 15.29	+00 06 09.4	15.0 T	703
88P	2004 05 14.77519	23 47 34.17	-05 25 30.3	13.3 T	D82	123P	2004 06 13.21758	12 46 15.29	+00 06 09.4	15.0 T	703
88P	2004 06 13.76035	01 02 52.21	+02 12 28.6		349	123P	2004 06 13.22407	12 46 15.39	+00 06 06.1	14.9 T	703
88P	2004 06 13.76118	01 02 52.33	+02 12 29.4		349	123P	2004 06 13.52958	12 46 25.06	+00 02 46.3	17.2 T	900
88P	2004 06 13.76203	01 02 52.45	+02 12 30.1	12.3 T	349	123P	2004 06 13.54725	12 46 25.18	+00 02 39.2	17.0 T	900

123P	2004 06 13.55531	12 46 25.63	+00 02 33.5		349
123P	2004 06 13.56032	12 46 25.79	+00 02 30.2		349
123P	2004 06 13.56478	12 46 25.89	+00 02 27.2	16.4 T	349
123P	2004 06 13.89041	12 46 36.26	-00 01 02.3		A46
123P	2004 06 13.89331	12 46 36.27	-00 01 04.3		A46
123P	2004 06 13.89428	12 46 36.33	-00 01 04.1		A46
123P	2004 06 13.89524	12 46 36.30	-00 01 05.6		A46
123P	2004 06 13.89622	12 46 36.31	-00 01 05.3		A46
123P	2004 06 13.89719	12 46 36.40	-00 01 04.9		A46
123P	2004 06 15.17352	12 47 17.82	-00 14 39.0	18.5 T	704
123P	2004 06 15.18381	12 47 18.13	-00 14 46.0	18.5 T	704
123P	2004 06 15.19403	12 47 18.48	-00 14 52.4	19.0 T	704
123P	2004 06 15.20426	12 47 18.78	-00 14 59.9	18.7 T	704
123P	2004 06 15.21475	12 47 19.17	-00 15 06.9	18.9 T	704
123P	2004 06 16.48406	12 48 02.05	-00 28 33.9	18.5 N	415
123P	2004 06 16.48617	12 48 02.11	-00 28 34.9	17.9 N	415
123P	2004 06 16.48830	12 48 02.15	-00 28 35.9	18.6 N	415
123P	2004 06 16.87826	12 48 15.73	-00 32 49.6		J97
123P	2004 06 16.88712	12 48 16.16	-00 32 57.5		J97
123P	2004 06 17.89785	12 48 51.91	-00 43 45.5		213
123P	2004 06 17.89867	12 48 51.94	-00 43 45.9	17.0 N	213
123P	2004 06 17.90312	12 48 52.08	-00 43 49.6	17.1 N	213
123P	2004 06 18.17395	12 49 01.91	-00 46 41.1	18.6 T	704
123P	2004 06 18.18402	12 49 02.29	-00 46 47.7	18.9 T	704
123P	2004 06 18.19453	12 49 02.65	-00 46 54.8	18.8 T	704
123P	2004 06 18.20477	12 49 03.00	-00 47 01.3	19.1 T	704
123P	2004 06 18.21507	12 49 03.47	-00 47 09.2	18.6 T	704
123P	2004 06 18.93358	12 49 29.90	-00 54 49.7	16.6 N	442
123P	2004 06 18.93527	12 49 29.62	-00 54 47.3	16.5 N	442
123P	2004 06 21.43243	12 51 05.24	-01 21 34.2	19.0 N	415
123P	2004 06 21.43387	12 51 05.28	-01 21 34.3	18.5 N	415
123P	2004 06 21.43530	12 51 05.34	-01 21 35.6	18.7 N	415

130P/McNaught-Hughes

130P	2004 06 11.53206	18 01 28.51	-22 36 32.0	18.0 N	415
130P	2004 06 11.53696	18 01 28.35	-22 36 32.6	18.1 N	415
130P	2004 06 11.54185	18 01 28.11	-22 36 33.7	18.2 N	415
130P	2004 06 12.99873	18 00 23.09	-22 42 43.5	17.8 N	213
130P	2004 06 14.28584	17 59 24.51	-22 48 04.4	18.1 T	704
130P	2004 06 14.29602	17 59 24.06	-22 48 07.0	18.0 T	704
130P	2004 06 14.30621	17 59 23.53	-22 48 10.3	18.1 T	704
130P	2004 06 14.31647	17 59 23.02	-22 48 12.2	18.1 T	704
130P	2004 06 16.53704	17 57 39.29	-22 57 26.1	17.2 N	415
130P	2004 06 16.53916	17 57 39.20	-22 57 26.7	17.6 N	415
130P	2004 06 16.54127	17 57 39.10	-22 57 27.2	17.4 N	415
130P	2004 06 17.27177	17 57 04.27	-23 00 39.9	17.8 T	704
130P	2004 06 17.28124	17 57 03.68	-23 00 42.6	17.7 T	704
130P	2004 06 17.29127	17 57 03.29	-23 00 44.8	18.0 T	704
130P	2004 06 17.30202	17 57 02.71	-23 00 47.0	17.8 T	704
130P	2004 06 17.31042	17 57 02.09	-23 00 44.1	18.6 N	I05
130P	2004 06 17.32387	17 57 01.37	-23 00 47.6	18.6 N	I05
130P	2004 06 20.07194	17 54 48.53	-23 12 34.1	17.7 N	J76
130P	2004 06 20.07398	17 54 48.42	-23 12 34.9	17.5 N	J76

130P	2004 06 20.07480	17 54 48.41	-23 12 35.1	17.6 N	J76
130P	2004 06 20.10828	17 54 46.97	-23 12 40.2	16.3 N	859
130P	2004 06 20.11867	17 54 46.41	-23 12 42.5	16.8 N	859
130P	2004 06 21.53627	17 53 37.08	-23 18 43.2	17.9 N	415
130P	2004 06 21.53979	17 53 36.89	-23 18 44.3	17.6 N	415
130P	2004 06 21.54330	17 53 36.74	-23 18 45.2	17.7 N	415
130P	2004 06 23.52378	17 51 59.29	-23 27 13.8		415
130P	2004 06 23.52729	17 51 59.12	-23 27 14.6		415
130P	2004 06 27.93105	17 48 23.74	-23 46 08.7		620
130P	2004 06 28.49233	17 47 56.72	-23 48 23.5	18.1 N	415
130P	2004 07 08.41287	17 40 32.60	-24 29 36.6	17.4 N	415
130P	2004 07 08.41568	17 40 32.51	-24 29 37.1	17.4 N	415
130P	2004 07 08.41850	17 40 32.39	-24 29 38.2	18.1 N	415
130P	2004 07 11.38807	17 38 38.01	-24 41 32.7	18.7 N	415
130P	2004 07 11.41568	17 38 36.97	-24 41 39.4	18.3 N	415
130P	2004 07 11.42132	17 38 36.75	-24 41 40.5	17.8 N	415
130P	2004 07 11.42697	17 38 36.58	-24 41 41.9	18.0 N	415

Note 1: position uncertain. 2: faint image. 3: very faint image. 4: involved with star.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

- 291 LPL/Spacewatch II. Observers M. Block, R. S. McMillan, A. E. Gleason. 1.8-m Spacewatch telescope.
- 304 Las Campanas Observatory. Observer M. Holman. 6.5-m Clay reflector + CCD.
- 365 Uto Observatory. Observer F. Uto. 0.20-m $f/4.0$ reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers R. Bamberg, S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, E. Helin, P. Kervin, J. Africano, R. Maeda. 1.2-m reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, E. Helin, R. Thicksten. 1.2-m Schmidt + CCD.
- 695 Kitt Peak. Observer M. W. Buie. Measurers M. W. Buie, L. H. Wasserman, R. L. Millis. 4-m reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observer B. W. Koehn. 0.59-m LONEOS Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, D. Torres, R. Kracke, M. McCleary, H. Stange, A. Milner. Measurers J. Stuart, R. Sayer, J. Evans, J. Kommers. 1.0-m $f/2.15$ reflector + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
S/2002 J 1	2004 02 22.34411		11 00 23.33	+07 19 42.5	22.7 R	695
S/2002 J 1	2004 02 22.39589		11 00 21.78	+07 19 52.5		695
S/2003 J 1	2004 02 22.34411		11 00 42.42	+07 50 49.0	22.0 R	695
S/2003 J 1	2004 02 22.39589		11 00 40.98	+07 50 57.3		695
S/2002 N 1	2004 06 19.33665		21 09 13.56	-16 32 26.0		304
S/2002 N 1	2004 06 19.34042		21 09 13.55	-16 32 26.1	24.2 R	304
S/2002 N 1	2004 06 19.34420		21 09 13.53	-16 32 26.2		304
S/2002 N 2	2004 06 19.38136		21 10 40.54	-16 36 23.9	25.4 R	304
S/2002 N 2	2004 06 19.41743		21 10 40.41	-16 36 24.4		304

2004 JULY 13

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S/2002 N 3	2004 06 19.31534	21 09 52.29	-16 16 01.6		304	Jupiter VIII	2003 03 09.14469	08 39 06.57	+18 34 04.2	17.6 V	291
S/2002 N 3	2004 06 19.31912	21 09 52.28	-16 16 01.9		304	Jupiter VIII	2003 03 12.13125	08 38 18.24	+18 38 29.9	16.7	644
S/2002 N 3	2004 06 19.32289	21 09 52.25	-16 16 02.0		304	Jupiter VIII	2003 03 12.15196	08 38 17.91	+18 38 31.7	16.6	644
S/2002 N 3	2004 06 19.34840	21 09 52.15	-16 16 02.6		304	Jupiter VIII	2003 03 12.17332	08 38 17.57	+18 38 33.5	16.6	644
S/2002 N 3	2004 06 19.35217	21 09 52.14	-16 16 02.6	25.1 R	304	Jupiter VIII	2003 10 29.45884	11 03 29.96	+07 50 00.0	17.6	704
S/2002 N 3	2004 06 19.35594	21 09 52.12	-16 16 02.6		304	Jupiter VIII	2003 10 29.48370	11 03 30.98	+07 49 54.2	17.3	704
S/2002 N 3	2004 06 19.40540	21 09 51.92	-16 16 03.4		304	Jupiter VIII	2003 10 29.49567	11 03 31.46	+07 49 51.7	17.5	704
S/2002 N 4	2004 06 19.28575	21 12 00.59	-16 45 03.8		304	Jupiter VIII	2003 11 30.43297	11 21 18.46	+06 16 37.9	18.2	704
S/2002 N 4	2004 06 19.28952	21 12 00.58	-16 45 03.8		304	Jupiter VIII	2003 11 30.44408	11 21 18.81	+06 16 35.6	18.2	704
S/2002 N 4	2004 06 19.29329	21 12 00.56	-16 45 03.9	24.9 R	304	Jupiter VIII	2003 11 30.45692	11 21 19.05	+06 16 35.7	18.6	704
S/2003 N 1	2004 06 19.36062	21 10 51.99	-16 27 23.7		304	Jupiter VIII	2003 11 30.46847	11 21 19.36	+06 16 32.8	19.1	704
S/2003 N 1	2004 06 19.39350	21 10 51.85	-16 27 24.2		304	Jupiter VIII	2003 11 30.48050	11 21 19.73	+06 16 31.7	18.0	704
S/2003 N 1	2004 06 19.42918	21 10 51.72	-16 27 24.9	25.2 R	304	Jupiter VIII	2004 01 29.33818	11 26 00.83	+06 22 09.7	17.5	704
Jupiter VI	2003 03 12.13482	08 44 46.57	+18 32 23.9	14.3	644	Jupiter VIII	2004 01 29.35040	11 26 00.59	+06 22 11.8	17.8	704
Jupiter VI	2003 03 12.15560	08 44 46.08	+18 32 25.8	14.2	644	Jupiter VIII	2004 01 29.36273	11 26 00.30	+06 22 13.5	17.7	704
Jupiter VI	2003 03 12.17685	08 44 45.57	+18 32 27.8	14.2	644	Jupiter VIII	2004 01 29.38754	11 25 59.93	+06 22 17.0	17.7	704
Jupiter VI	2003 04 29.14252	08 43 35.28	+18 56 45.7	17.5	704	Jupiter VIII	2004 02 23.33722	11 16 07.99	+07 31 53.2	17.7	704
Jupiter VI	2003 04 29.15452	08 43 35.52	+18 56 45.3	17.7	704	Jupiter VIII	2004 02 23.34958	11 16 07.58	+07 31 57.7	18.2	704
Jupiter VI	2003 04 29.16653	08 43 35.75	+18 56 44.3	17.8	704	Jupiter VIII	2004 02 23.36199	11 16 07.18	+07 31 59.8	18.7	704
Jupiter VI	2003 04 29.17861	08 43 36.01	+18 56 43.9	17.5	704	Jupiter VIII	2004 02 23.37427	11 16 06.79	+07 32 02.8	18.6	704
Jupiter VI	2003 04 29.19077	08 43 36.25	+18 56 43.3	17.5	704	Jupiter VIII	2004 02 23.39241	11 16 06.22	+07 32 05.1	17.5	704
Jupiter VI	2003 11 23.46502	11 10 53.96	+06 01 29.6	17.0	704	Jupiter IX	2004 02 11.45087	11 10 39.01	+06 56 26.8	18.3	644
Jupiter VI	2003 11 23.47744	11 10 54.25	+06 01 28.1	17.3	704	Jupiter IX	2004 02 11.47583	11 10 38.33	+06 56 30.9	18.2	644
Jupiter VI	2003 11 23.48998	11 10 54.53	+06 01 26.5	17.1	704	Jupiter IX	2004 02 11.49840	11 10 37.72	+06 56 34.3	18.2	644
Jupiter VI	2003 11 23.50252	11 10 54.82	+06 01 24.9	17.0	704	Jupiter IX	2004 03 15.25389	10 54 07.60	+08 30 22.4	18.7	704
Jupiter VI	2004 02 18.34618	11 08 23.07	+07 30 12.6	17.1	704	Jupiter IX	2004 03 15.26453	10 54 07.25	+08 30 23.5	19.1	704
Jupiter VI	2004 02 18.35779	11 08 22.68	+07 30 17.0	17.2	704	Jupiter IX	2004 03 15.27534	10 54 06.90	+08 30 25.4	18.7	704
Jupiter VI	2004 02 18.36946	11 08 22.57	+07 30 18.2	17.8	704	Jupiter IX	2004 03 15.28604	10 54 06.55	+08 30 27.5	19.0	704
Jupiter VI	2004 02 18.39331	11 08 21.83	+07 30 20.7	17.1	704	Jupiter IX	2004 03 15.30450	10 54 06.00	+08 30 30.3	19.1	704
Jupiter VI	2004 02 22.35635	11 06 52.81	+07 41 39.6	16.0 R	695	Jupiter IX	2004 04 14.22915	10 42 01.33	+09 30 47.9	18.4 R	699
Jupiter VI	2004 02 22.40830	11 06 51.56	+07 41 48.3		695	Jupiter IX	2004 04 14.24939	10 42 00.98	+09 30 50.3		699
Jupiter VI	2004 03 15.25480	10 58 20.04	+08 38 31.4	16.6	704	Jupiter IX	2004 04 14.26968	10 42 00.61	+09 30 51.8		699
Jupiter VI	2004 03 15.26544	10 58 19.82	+08 38 34.6	17.4	704	Jupiter IX	2004 04 14.28991	10 42 00.30	+09 30 53.9		699
Jupiter VI	2004 03 15.27625	10 58 19.51	+08 38 36.5	17.4	704	Jupiter X	2003 03 07.13211	08 51 36.04	+18 19 24.7	18.9 V	291
Jupiter VI	2004 03 15.28695	10 58 19.24	+08 38 37.9	17.3	704	Jupiter X	2003 03 07.15650	08 51 35.53	+18 19 25.9	18.9 V	291
Jupiter VI	2004 03 15.30542	10 58 18.81	+08 38 40.6	17.2	704	Jupiter X	2003 03 07.18101	08 51 35.03	+18 19 27.1	18.9 V	291
Jupiter VII	1993 03 29.66962	12 35 40.56	-02 42 14.8		365	Jupiter X	2003 03 12.13721	08 50 00.27	+18 23 02.2	18.3	644
Jupiter VII	2003 03 09.11267	08 42 26.93	+18 37 49.0	17.7 V	291	Jupiter X	2003 03 12.15791	08 49 59.90	+18 23 03.1	18.4	644
Jupiter VII	2003 03 09.13129	08 42 26.58	+18 37 50.6	17.7 V	291	Jupiter X	2003 03 12.17915	08 49 59.50	+18 23 03.7	18.4	644
Jupiter VII	2003 03 09.14699	08 42 26.26	+18 37 52.0	17.7 V	291	Jupiter X	2004 01 29.33641	11 19 39.14	+05 16 54.1	18.3	704
Jupiter VII	2003 03 12.13246	08 41 35.87	+18 42 03.9	16.9	644	Jupiter X	2004 01 29.34869	11 19 38.90	+05 16 56.0	18.7	704
Jupiter VII	2003 03 12.15312	08 41 35.53	+18 42 05.6	16.9	644	Jupiter X	2004 01 29.36083	11 19 38.66	+05 16 58.3	18.5	704
Jupiter VII	2003 03 12.17454	08 41 35.19	+18 42 07.4	16.9	644	Jupiter X	2004 02 11.45087	11 14 35.67	+05 55 29.7	17.8	644
Jupiter VII	2004 03 20.26499	10 57 03.44	+08 42 22.2	16.4 R	699	Jupiter X	2004 02 11.47583	11 14 34.98	+05 55 34.8	17.9	644
Jupiter VII	2004 03 20.29028	10 57 02.88	+08 42 25.5		699	Jupiter X	2004 02 11.49840	11 14 34.37	+05 55 39.6	18.1	644
Jupiter VII	2004 03 20.31564	10 57 02.33	+08 42 28.9		699	Jupiter X	2004 04 14.22915	10 44 20.13	+09 44 26.1	18.4 R	699
Jupiter VII	2004 03 20.34104	10 57 01.75	+08 42 31.9		699	Jupiter X	2004 04 14.24939	10 44 19.79	+09 44 29.8		699
Jupiter VII	2004 04 14.22829	10 49 37.07	+09 19 49.7	16.7 R	699	Jupiter X	2004 04 14.26968	10 44 19.49	+09 44 31.6		699
Jupiter VII	2004 04 14.24855	10 49 36.80	+09 19 50.6		699	Jupiter X	2004 04 14.28991	10 44 19.11	+09 44 34.3		699
Jupiter VII	2004 04 14.26884	10 49 36.51	+09 19 51.3		699	Jupiter XI	2003 03 07.16488	08 44 18.21	+19 15 53.7	19.0	704
Jupiter VII	2004 04 14.28906	10 49 36.25	+09 19 52.2		699	Jupiter XI	2003 03 07.17801	08 44 18.00	+19 15 54.6	19.6	704
Jupiter VIII	2003 03 09.11036	08 39 07.23	+18 34 01.0	17.6 V	291	Jupiter XI	2003 03 07.19120	08 44 17.68	+19 15 56.2	19.4	704
Jupiter VIII	2003 03 09.12899	08 39 06.88	+18 34 02.8	17.6 V	291	Jupiter XI	2003 03 07.20449	08 44 17.43	+19 15 57.0	19.1	704

Jupiter XI	2003 03 07.21771	08 44 17.13	+19 15 57.2	19.1	704
Jupiter XI	2003 03 12.13246	08 42 57.83	+19 19 52.9	17.4	644
Jupiter XI	2003 03 12.15312	08 42 57.52	+19 19 53.7	17.5	644
Jupiter XI	2003 03 12.17454	08 42 57.20	+19 19 54.5	17.4	644
Jupiter XI	2003 11 23.46538	11 17 40.98	+05 12 13.8	18.7	704
Jupiter XI	2003 11 23.47780	11 17 41.41	+05 12 12.5	18.5	704
Jupiter XI	2003 11 23.49034	11 17 41.73	+05 12 10.5	18.6	704
Jupiter XI	2003 11 23.50288	11 17 42.15	+05 12 08.0	18.6	704
Jupiter XI	2004 01 24.39948	11 25 00.14	+04 35 07.6	18.4	704
Jupiter XI	2004 01 24.41187	11 24 59.88	+04 35 10.2	18.9	704
Jupiter XI	2004 01 24.43678	11 24 59.51	+04 35 13.2	19.4	704
Jupiter XI	2004 02 03.60712	11 21 57.60	+04 56 27.9	18.9	608
Jupiter XI	2004 02 03.61746	11 21 57.37	+04 56 29.0	18.9	608
Jupiter XI	2004 02 03.62861	11 21 57.11	+04 56 30.7	18.8	608
Jupiter XI	2004 02 26.32716	11 12 01.60	+06 03 18.6	18.1	704
Jupiter XI	2004 02 26.33822	11 12 01.21	+06 03 21.2	18.7	704
Jupiter XI	2004 02 26.34929	11 12 00.89	+06 03 23.8	18.2	704
Jupiter XI	2004 02 26.36035	11 12 00.52	+06 03 25.8	18.4	704
Jupiter XI	2004 02 26.37147	11 12 00.10	+06 03 27.3	18.0	704
Jupiter XI	2004 04 15.19001	10 50 09.26	+08 23 46.2	18.7	704
Jupiter XI	2004 04 15.20070	10 50 08.93	+08 23 48.1	19.6	704
Jupiter XI	2004 04 15.22207	10 50 08.58	+08 23 52.0	19.3	704
Jupiter XI	2004 04 15.23289	10 50 08.25	+08 23 52.6	19.6	704
Jupiter XII	2003 02 28.35113	08 43 59.53	+17 56 40.2	19.8	608
Jupiter XII	2003 02 28.36147	08 43 59.29	+17 56 41.6	19.8	608
Jupiter XII	2003 02 28.37254	08 43 58.97	+17 56 42.5	20.1	608
Jupiter XII	2003 03 07.12497	08 41 17.94	+18 09 13.9	19.8 V	291
Jupiter XII	2003 03 07.14937	08 41 17.39	+18 09 16.4	19.7 V	291
Jupiter XII	2003 03 07.17387	08 41 16.84	+18 09 19.2	19.7 V	291
Jupiter XII	2003 03 12.13368	08 39 37.61	+18 17 17.4	19.0	644
Jupiter XII	2003 03 12.15434	08 39 37.21	+18 17 19.5	18.8	644
Jupiter XII	2003 03 12.17571	08 39 36.80	+18 17 21.4	19.0	644
Jupiter XII	2004 02 26.32750	11 09 44.37	+06 46 25.9	18.5	704
Jupiter XII	2004 02 26.33856	11 09 44.01	+06 46 27.9	19.2	704
Jupiter XII	2004 02 26.34963	11 09 43.67	+06 46 29.8	19.2	704
Jupiter XII	2004 02 26.36070	11 09 43.29	+06 46 31.2	18.9	704
Jupiter XII	2004 02 26.37181	11 09 42.93	+06 46 33.3	19.1	704
Jupiter XII	2004 03 20.26499	10 57 45.01	+07 46 25.7	18.7 R	699
Jupiter XII	2004 03 20.29028	10 57 44.14	+07 46 29.3		699
Jupiter XII	2004 03 20.31564	10 57 43.33	+07 46 34.3		699
Jupiter XII	2004 03 20.34104	10 57 42.51	+07 46 35.7		699
Jupiter XVII	2003 01 26.22035	08 58 55.08	+16 30 33.0	22.3 V	291
Jupiter XVII	2003 01 26.24588	08 58 54.32	+16 30 36.3	21.4 V	291
Jupiter XVII	2003 01 26.27123	08 58 53.56	+16 30 39.8	21.4 V	291
Jupiter XVIII	2003 03 06.30112	08 47 46.88	+19 14 45.3	20.3	644
Jupiter XVIII	2003 03 06.31172	08 47 46.51	+19 14 45.7	20.5	644
Jupiter XVIII	2003 03 06.32216	08 47 46.24	+19 14 46.6	20.8	644

OBSERVATIONS OF PLUTO

Observations are published here for the following observatory codes:

- 673 Table Mountain Observatory, Wrightwood. Observers R. C. Dumas, J. D. Costello, F. I. Wulke, A. M. Sullivan. Measurer W. M. Owen, Jr. 0.61-m $f/16$ reflector + CCD.
- 938 Linhaceira. Observer R. Goncalves. 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD.

	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Pluto	2004 06 12.244685	17 22 34.408	-14 13 35.69			673
Pluto	2004 06 12.247866	17 22 34.386	-14 13 35.72			673
Pluto	2004 06 12.251049	17 22 34.365	-14 13 35.73			673
Pluto	2004 06 13.253477	17 22 27.841	-14 13 35.83			673
Pluto	2004 06 13.256696	17 22 27.817	-14 13 35.83			673
Pluto	2004 06 13.259988	17 22 27.796	-14 13 35.83			673
Pluto	2004 06 16.12481	17 22 09.15	-14 13 37.7	13.9 R		938
Pluto	2004 06 26.225504	17 21 04.505	-14 14 05.30			673
Pluto	2004 06 26.228860	17 21 04.485	-14 14 05.30			673
Pluto	2004 06 26.232211	17 21 04.464	-14 14 05.34			673
Pluto	2004 06 27.184740	17 20 58.514	-14 14 09.54			673
Pluto	2004 06 27.187980	17 20 58.495	-14 14 09.61			673
Pluto	2004 06 27.191256	17 20 58.474	-14 14 09.58			673
Pluto	2004 06 27.194490	17 20 58.455	-14 14 09.59			673
Pluto	2004 06 28.08992	17 20 52.88	-14 14 13.7	13.8 R		938
Pluto	2004 06 28.183676	17 20 52.314	-14 14 14.34			673
Pluto	2004 06 28.187415	17 20 52.291	-14 14 14.37			673
Pluto	2004 06 28.190736	17 20 52.269	-14 14 14.39			673
Pluto	2004 06 28.194049	17 20 52.249	-14 14 14.40			673
Pluto	2004 07 08.94834	17 19 48.37	-14 15 25.9	14.1 R		938
Pluto	2004 07 08.99642	17 19 48.09	-14 15 26.1	14.0 R		938

ORBITAL ELEMENTS

Orbital elements have been computed by the following contributors:

- B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu]
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C/2003 J1 (NEAT)

Epoch 2003 Oct. 8.0 TT = JDT 2452920.5

T	2003 Oct. 10.5545 TT		MPC	
q	5.125426	(2000.0)	P	Q
z	+0.001747	ω 196.0228	+0.4759734	-0.2641921
	± 0.000005	Ω 122.0328	-0.6583513	+0.5253778
e	0.991047	i 98.3119	-0.5831147	-0.8088144

From 70 observations 2003 May 13–2004 June 25, mean residual 0".5.

2004 JULY 13

M.P.C. 52315

C/2003 K4 (LINEAR)

Epoch 2004 Oct. 2.0 TT = JDT 2453280.5

<i>T</i> 2004 Oct. 13.7154 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	1.023621		
	ω 198.4401	−0.9693859	+0.0876852
	Ω 18.6752	+0.0032790	+0.9386026
	± 0.000000		
<i>e</i>	1.000360	<i>i</i> 134.2527	−0.2455203
			−0.3336712

From 2244 observations 2003 May 28–2004 July 9, mean residual 0^{''}.5.

C/2003 T3 (Tabur)

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

<i>T</i> 2004 Apr. 29.0018 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	1.481074		
	ω 43.7732	+0.8024107	−0.5712439
	Ω 347.0581	+0.0333943	+0.3318793
	± 0.000003		
<i>e</i>	0.999814	<i>i</i> 50.4443	+0.5958371
			+0.7506907

From 278 observations 2003 Oct. 14–2004 July 7, mean residual 0^{''}.6.

C/2003 T4 (LINEAR)

Epoch 2005 Apr. 20.0 TT = JDT 2453480.5

<i>T</i> 2005 Apr. 3.6259 TT		MPC	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	0.849656		
	ω 181.6760	+0.0697076	+0.0543378
	Ω 93.9042	−0.9032426	+0.4272712
	± 0.000008		
<i>e</i>	1.000617	<i>i</i> 86.7620	−0.4234308
			−0.9024892

From 387 observations 2003 Oct. 13–2004 July 11, mean residual 0^{''}.7.

C/2003 Y8 (SOHO)

T 2003 Dec. 25.66 TT

<i>q</i> 0.0050		MPC	
	(2000.0)	P	Q
	ω 79.60	+0.23938	−0.97011
	Ω 4.15	−0.95456	−0.24266
<i>e</i>	1.0	<i>i</i> 146.52	+0.17753
			+0.00333

From 6 observations 2003 Dec. 25.

C/2003 Y9 (SOHO)

T 2003 Dec. 25.78 TT

<i>q</i> 0.0054		MPC	
	(2000.0)	P	Q
	ω 71.81	+0.18003	−0.97961
	Ω 350.70	−0.97222	−0.16343
<i>e</i>	1.0	<i>i</i> 146.53	+0.14957
			+0.11681

From 5 observations 2003 Dec. 25.

C/2003 Y10 (SOHO)

T 2003 Dec. 26.39 TT

<i>q</i> 0.0051		MPC	
	(2000.0)	P	Q
	ω 75.83	+0.18348	−0.98219
	Ω 355.72	−0.97105	−0.17468
<i>e</i>	1.0	<i>i</i> 147.10	+0.15297
			+0.06922

From 9 observations 2003 Dec. 26.

C/2003 Y11 (SOHO)

T 2003 Dec. 26.65 TT

<i>q</i> 0.0048		MPC	
	(2000.0)	P	Q
	ω 83.81	+0.20539	−0.97622
	Ω 6.94	−0.95643	−0.21524
<i>e</i>	1.0	<i>i</i> 144.96	+0.20751
			−0.02582

From 7 observations 2003 Dec. 26.

C/2003 Y12 (SOHO)

T 2003 Dec. 27.62 TT

<i>q</i> 0.0049		MPC	
	(2000.0)	P	Q
	ω 65.99	+0.22230	−0.96640
	Ω 346.72	−0.96473	−0.19888
<i>e</i>	1.0	<i>i</i> 145.83	+0.14101
			+0.16286

From 8 observations 2003 Dec. 27.

C/2003 Y13 (SOHO)

T 2003 Dec. 29.14 TT

<i>q</i> 0.0056		MPC	
	(2000.0)	P	Q
	ω 76.78	+0.17728	−0.98342
	Ω 356.28	−0.96165	−0.16482
<i>e</i>	1.0	<i>i</i> 143.83	+0.20928
			+0.07567

From 28 observations 2003 Dec. 27–28.

C/2003 Y14 (SOHO)

T 2003 Dec. 27.67 TT

<i>q</i> 0.0049		MPC	
	(2000.0)	P	Q
	ω 72.86	+0.19233	−0.97881
	Ω 352.76	−0.96810	−0.17754
<i>e</i>	1.0	<i>i</i> 146.14	+0.16060
			+0.10201

From 6 observations 2003 Dec. 27.

C/2003 Y15 (SOHO)

T 2004 Jan. 1.4582 TT

<i>q</i> 0.006941		MPC	
	(2000.0)	P	Q
	ω 89.4438	+0.1744770	−0.9765041
	Ω 11.9988	−0.9523444	−0.1999913
<i>e</i>	1.0	<i>i</i> 142.5261	+0.2501959
			−0.0802696

From 6 observations 2003 Dec. 31.

C/2004 A2 (SOHO)

T 2004 Jan. 11.64 TT

<i>q</i> 0.0048		MPC	
	(2000.0)	P	Q
	ω 86.33	+0.17678	−0.98096
	Ω 8.01	−0.96123	−0.18964
<i>e</i>	1.0	<i>i</i> 144.71	+0.21164
			−0.04196

From 65 observations 2004 Jan. 9–11.

C/2004 A3 (SOHO)

T 2004 Jan. 16.16 TT

<i>q</i> 0.0433		MPC	
	(2000.0)	P	Q
	ω 58.54	−0.21004	−0.96112
	Ω 44.75	+0.78822	−0.27493
<i>e</i>	1.0	<i>i</i> 14.75	+0.57844
			+0.02564

From 5 observations 2004 Jan. 15–16.

C/2004 B3 (SOHO)*T* 2004 Jan. 18.27 TT*q* 0.0515 (2000.0) ω 53.97 Ω 44.90*e* 1.0 *i* 13.28

From 23 observations 2004 Jan. 18.

MPC

P **Q**

−0.13883 −0.97696

+0.81859 −0.20534

+0.55735 +0.05823

C/2004 B4 (SOHO)*T* 2004 Jan. 19.03 TT*q* 0.0062 (2000.0) ω 66.43 Ω 341.76*e* 1.0 *i* 139.10

From 21 observations 2004 Jan. 18.

MPC

P **Q**

+0.16288 −0.96512

−0.95726 −0.10426

+0.23902 +0.24014

C/2004 B5 (SOHO)*T* 2004 Jan. 20.20 TT*q* 0.0051 (2000.0) ω 86.35 Ω 7.17*e* 1.0 *i* 144.37

From 22 observations 2004 Jan. 19.

MPC

P **Q**

+0.16443 −0.98371

−0.96236 −0.17615

+0.21638 −0.03590

C/2004 B6 (SOHO)*T* 2004 Jan. 21.8173 TT*q* 0.005272 (2000.0) ω 70.1447 Ω 350.5187*e* 1.0 *i* 145.1069

From 14 observations 2004 Jan. 21.

MPC

P **Q**

+0.2079259 −0.9735950

−0.9634851 −0.1872409

+0.1687108 +0.1305892

C/2004 B7 (SOHO)*T* 2004 Jan. 22.2141 TT*q* 0.005449 (2000.0) ω 68.1718 Ω 342.2307*e* 1.0 *i* 139.5099

From 25 observations 2004 Jan. 21.

MPC

P **Q**

+0.1386283 −0.9703166

−0.9607098 −0.0831779

+0.2404555 +0.2270839

C/2004 B8 (SOHO)*T* 2004 Jan. 25.5953 TT*q* 0.005034 (2000.0) ω 74.9348 Ω 355.8250*e* 1.0 *i* 144.6282

From 13 observations 2004 Jan. 24–25.

MPC

P **Q**

+0.2019049 −0.9784980

−0.9602094 −0.1892868

+0.1929570 +0.0819280

C/2004 B9 (SOHO)*T* 2004 Jan. 26.5912 TT*q* 0.005067 (2000.0) ω 86.0870 Ω 6.6914*e* 1.0 *i* 143.7505

From 13 observations 2004 Jan. 25–26.

MPC

P **Q**

+0.1615263 −0.9844603

−0.9605128 −0.1728561

+0.2265491 −0.0309613

C/2004 B10 (SOHO)*T* 2004 Jan. 30.8000 TT*q* 0.005112 (2000.0) ω 85.7067 Ω 8.6810*e* 1.0 *i* 144.6891

From 15 observations 2004 Jan. 30.

MPC

P **Q**

+0.1968241 −0.9765496

−0.9569452 −0.2107083

+0.2133452 −0.0441904

P/2004 CB (LINEAR)

Epoch 2004 Mar. 16.0 TT = JDT 2453080.5

T 2004 Apr. 2.1634 TT*q* 0.912181 (2000.0)*n* 0.1958446 ω 149.6560*a* 2.936714 Ω 66.4872*e* 0.689387 *i* 19.1470*P* 5.03

From 316 observations 2004 Feb. 3–June 24, mean residual 0".4.

MPC

P **Q**

−0.7819193 +0.5460268

−0.6172761 −0.6108388

−0.0870196 −0.5733504

C/2004 C3 (SOHO)*T* 2004 Feb. 4.70 TT*q* 0.0050 (2000.0) ω 67.84 Ω 341.65*e* 1.0 *i* 139.56

From 26 observations 2004 Feb. 3–4.

MPC

P **Q**

+0.13612 −0.96942

−0.96172 −0.07982

+0.23783 +0.23207

C/2004 C4 (SOHO)*T* 2004 Feb. 8.61 TT*q* 0.0052 (2000.0) ω 84.50 Ω 12.50*e* 1.0 *i* 146.02

From 7 observations 2004 Feb. 8.

MPC

P **Q**

+0.27228 −0.95458

−0.94159 −0.29022

+0.19816 −0.06742

C/2004 C5 (SOHO)*T* 2004 Feb. 9.36 TT*q* 0.0050 (2000.0) ω 89.03 Ω 3.90*e* 1.0 *i* 142.36

From 3 observations 2004 Feb. 8–9.

MPC

P **Q**

+0.07075 −0.99663

−0.96656 −0.07878

+0.24649 −0.02288

C/2004 C6 (SOHO)*T* 2004 Feb. 10.64 TT*q* 0.0051 (2000.0) ω 84.06 Ω 2.34*e* 1.0 *i* 143.02

From 15 observations 2004 Feb. 10.

MPC

P **Q**

+0.13589 −0.99042

−0.96251 −0.13784

+0.23476 +0.00813

C/2004 C7 (SOHO)

<i>T</i>	2004 Feb. 14.29 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P		Q
	ω	81.38	+0.18217		−0.98299
	Ω	2.30	−0.96064		−0.18299
<i>e</i>	1.0	<i>i</i> 144.47	+0.20972		+0.01563
From 15 observations 2004 Feb. 13.					

C/2004 C8 (SOHO)

<i>T</i>	2004 Feb. 14.88 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P		Q
	ω	79.63	+0.21366		−0.97660
	Ω	2.41	−0.95499		−0.21405
<i>e</i>	1.0	<i>i</i> 144.68	+0.20576		+0.02065
From 7 observations 2004 Feb. 14.					

C/2004 D2 (SOHO)

<i>T</i>	2004 Feb. 26.07 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P		Q
	ω	83.63	+0.19889		−0.97806
	Ω	6.23	−0.95888		−0.20726
<i>e</i>	1.0	<i>i</i> 145.20	+0.20246		−0.02082
From 31 observations 2004 Feb. 25.					

C/2004 D3 (SOHO)

<i>T</i>	2004 Feb. 26.24 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P		Q
	ω	84.10	+0.21250		−0.97418
	Ω	7.75	−0.95670		−0.22331
<i>e</i>	1.0	<i>i</i> 145.52	+0.19892		−0.03336
From 27 observations 2004 Feb. 25.					

C/2004 D4 (SOHO)

<i>T</i>	2004 Feb. 28.31 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P		Q
	ω	84.02	+0.19579		−0.97852
	Ω	6.49	−0.95929		−0.20478
<i>e</i>	1.0	<i>i</i> 145.15	+0.20355		−0.02387
From 49 observations 2004 Feb. 26–28.					

C/2004 E1 (SOHO)

<i>T</i>	2004 Mar. 9.85 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P		Q
	ω	76.59	+0.26872		−0.96289
	Ω	2.61	−0.94776		−0.26895
<i>e</i>	1.0	<i>i</i> 146.65	+0.17188		+0.02234
From 7 observations 2004 Mar. 9.					

C/2004 E2 (SOHO)

<i>T</i>	2004 Mar. 12.75 TT			MPC	
<i>q</i>	0.0132	(2000.0)	P		Q
	ω	116.09	+0.18079		−0.97590
	Ω	322.84	+0.81458		+0.21819
<i>e</i>	1.0	<i>i</i> 11.67	+0.55116		−0.00235
From 8 observations 2004 Mar. 12.					

C/2004 E3 (SOHO)

<i>T</i>	2004 Mar. 15.55 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P		Q
	ω	87.36	+0.16762		−0.98191
	Ω	8.67	−0.96098		−0.18269
<i>e</i>	1.0	<i>i</i> 144.21	+0.22004		−0.04988
From 18 observations 2004 Mar. 14–15.					

C/2004 E4 (SOHO)

<i>T</i>	2004 Mar. 16.60 TT			MPC	
<i>q</i>	0.0064	(2000.0)	P		Q
	ω	80.27	+0.26927		−0.96033
	Ω	7.24	−0.93986		−0.27846
<i>e</i>	1.0	<i>i</i> 144.91	+0.21014		−0.01485
From 24 observations 2004 Mar. 15–16.					

C/2004 F4 (Bradfield)

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

<i>T</i>	2004 Apr. 17.0901 TT			MPC	
<i>q</i>	0.168269	(2000.0)	P		Q
<i>z</i>	+0.004225	ω 332.7861	−0.7929530		−0.0630132
	± 0.000019	Ω 222.7777	−0.2527940		−0.8709603
<i>e</i>	0.999289	<i>i</i> 63.1646	−0.5543652		+0.4872962
From 191 observations 2004 Apr. 23–July 7, mean residual 0″.6.					

C/2004 F5 (SOHO)

<i>T</i>	2004 Mar. 18.25 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P		Q
	ω	77.20	+0.22631		−0.97405
	Ω	0.35	−0.95238		−0.22203
<i>e</i>	1.0	<i>i</i> 144.50	+0.20433		+0.04396
From 24 observations 2004 Mar. 17–18.					

C/2004 F6 (SOHO)

<i>T</i>	2004 Mar. 23.84 TT			MPC	
<i>q</i>	0.0060	(2000.0)	P		Q
	ω	77.55	+0.26312		−0.96412
	Ω	3.47	−0.94121		−0.26454
<i>e</i>	1.0	<i>i</i> 144.37	+0.21189		+0.02215
From 39 observations 2004 Mar. 22–23.					

C/2004 F7 (SOHO)

<i>T</i>	2004 Mar. 26.55 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P		Q
	ω	84.66	+0.20409		−0.97525
	Ω	8.10	−0.94813		−0.21855
<i>e</i>	1.0	<i>i</i> 142.89	+0.24371		−0.03354
From 9 observations 2004 Mar. 26.					

C/2004 G3 (SOHO)

<i>T</i>	2004 Apr. 3.60 TT			MPC	
<i>q</i>	0.0076	(2000.0)	P		Q
	ω	65.49	+0.12305		−0.96527
	Ω	338.33	−0.97256		−0.07109
<i>e</i>	1.0	<i>i</i> 141.37	+0.19745		+0.25141
From 25 observations 2004 Apr. 2–3.					

C/2004 G4 (SOHO)*T* 2004 Apr. 4.86 TT*q* 0.0064 (2000.0) ω 82.74 Ω 8.45*e* 1.0 *i* 144.51

From 30 observations 2004 Apr. 3–4.

MPC

P **Q**

+0.24358 –0.96613

–0.94509 –0.25619

+0.21790 –0.03115

C/2004 G5 (SOHO)*T* 2004 Apr. 11.13 TT*q* 0.0052 (2000.0) ω 85.01 Ω 8.43*e* 1.0 *i* 144.29

From 7 observations 2004 Apr. 10.

MPC

P **Q**

+0.20459 –0.97510

–0.95373 –0.21826

+0.22031 –0.03934

C/2004 G6 (SOHO)*T* 2004 Apr. 12.16 TT*q* 0.0051 (2000.0) ω 84.69 Ω 7.31*e* 1.0 *i* 144.91

From 11 observations 2004 Apr. 11.

MPC

P **Q**

+0.19554 –0.97796

–0.95830 –0.20639

+0.20837 –0.03146

C/2004 G7 (SOHO)*T* 2004 Apr. 14.24 TT*q* 0.0051 (2000.0) ω 81.11 Ω 3.21*e* 1.0 *i* 144.19

From 7 observations 2004 Apr. 13.

MPC

P **Q**

+0.19909 –0.97943

–0.95598 –0.20146

+0.21556 +0.01118

C/2004 G8 (SOHO)*T* 2004 Apr. 14.32 TT*q* 0.0050 (2000.0) ω 85.85 Ω 8.21*e* 1.0 *i* 144.42

From 9 observations 2004 Apr. 13–14.

MPC

P **Q**

+0.18754 –0.97873

–0.95795 –0.20096

+0.21715 –0.04123

C/2004 G9 (SOHO)*T* 2004 Apr. 16.01 TT*q* 0.0052 (2000.0) ω 86.18 Ω 8.85*e* 1.0 *i* 144.22

From 10 observations 2004 Apr. 15.

MPC

P **Q**

+0.19034 –0.97759

–0.95650 –0.20530

+0.22108 –0.04657

P/2004 H2 (Larsen)

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

T 2004 May 10.9637 TT*q* 2.617284 (2000.0)*n* 0.1031466 ω 104.5611*a* 4.502974 Ω 131.5521*e* 0.418765 *i* 11.7867*P* 9.56

From 66 observations 2004 Apr. 19–July 9, mean residual 0″7.

MPC

P **Q**

–0.5422817 +0.8261735

–0.8278633 –0.4943438

–0.1434324 –0.2702990

P/2004 H3 (Larsen)

Epoch 2004 Mar. 16.0 TT = JDT 2453080.5

T 2004 Mar. 12.9364 TT*q* 2.437230 (2000.0)*n* 0.1282534 ω 346.4931*a* 3.894246 Ω 220.9738*e* 0.374146 *i* 25.1550*P* 7.68

From 87 observations 2004 Apr. 22–June 13, mean residual 0″6.

MPC

P **Q**

–0.8727535 +0.4007675

–0.3990272 –0.9145892

–0.2812092 +0.0539625

C/2004 H6 (SWAN)

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

T 2004 May 12.6845 TT*q* 0.776206 (2000.0)*z* –0.000641 ω 269.0410 ± 0.000048 Ω 317.2445*e* 1.000498 *i* 107.6609

From 34 observations 2004 May 21–July 10, mean residual 0″6.

MPC

P **Q**

+0.1936402 +0.7376015

+0.5937519 –0.6130006

–0.7810008 –0.2831507

C/2004 H7 (SOHO)*T* 2004 Apr. 19.23 TT*q* 0.0052 (2000.0) ω 89.47 Ω 10.51*e* 1.0 *i* 144.22

From 8 observations 2004 Apr. 18.

MPC

P **Q**

+0.15700 –0.98183

–0.96284 –0.17618

+0.21973 –0.07051

C/2004 H8 (SOHO)*T* 2004 Apr. 19.46 TT*q* 0.0049 (2000.0) ω 82.66 Ω 1.38*e* 1.0 *i* 145.03

From 5 observations 2004 Apr. 19.

MPC

P **Q**

+0.14720 –0.98901

–0.96878 –0.14697

+0.19950 +0.01605

C/2004 H9 (SOHO)*T* 2004 Apr. 19.55 TT*q* 0.0051 (2000.0) ω 70.28 Ω 339.72*e* 1.0 *i* 146.39

From 7 observations 2004 Apr. 19.

MPC

P **Q**

+0.04486 –0.98040

–0.98926 –0.01686

+0.13910 +0.19631

2004 JULY 13

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C/2004 H10 (SOHO)

<i>T</i>	2004 Apr. 30.55 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	<i>ω</i>	64.27	+0.07301	−0.96619	
	<i>Ω</i>	334.44	−0.98826	−0.03673	
<i>e</i>	1.0	<i>i</i> 145.04	+0.13420	+0.25519	
From 7 observations 2004 Apr. 30.					

P/2004 HC₁₈ (LINEAR)

Epoch 2004 June 4.0 TT = JDT 2453160.5

<i>T</i>	2004 June 18.6769 TT			MPC	
<i>q</i>	1.711495	(2000.0)	P	Q	
<i>n</i>	0.1511877	<i>ω</i> 30.8399	−0.3625339	+0.8966807	
<i>a</i>	3.489729	<i>Ω</i> 219.5609	−0.9155674	−0.3935822	
<i>e</i>	0.509562	<i>i</i> 23.5069	−0.1740850	+0.2026246	
<i>P</i>	6.52				

From 235 observations 2004 Apr. 17–July 8, mean residual 0″.6.

C/2004 J1 (SOHO)

<i>T</i>	2004 May 3.17 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P	Q	
	<i>ω</i>	80.67	+0.22564	−0.97307	
	<i>Ω</i>	4.60	−0.94875	−0.23049	
<i>e</i>	1.0	<i>i</i> 143.97	+0.22128	+0.00401	
From 7 observations 2004 May 2.					

C/2004 J2 (SOHO)

<i>T</i>	2004 May 5.03 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P	Q	
	<i>ω</i>	80.24	+0.19433	−0.98080	
	<i>Ω</i>	1.73	−0.96643	−0.19431	
<i>e</i>	1.0	<i>i</i> 146.87	+0.16805	+0.01669	
From 7 observations 2004 May 4.					

C/2004 J3 (SOHO)

<i>T</i>	2004 May 5.07 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P	Q	
	<i>ω</i>	82.57	+0.21354	−0.97484	
	<i>Ω</i>	6.14	−0.94804	−0.22259	
<i>e</i>	1.0	<i>i</i> 143.24	+0.23582	−0.01213	
From 8 observations 2004 May 4.					

C/2004 J4 (SOHO)

<i>T</i>	2004 May 5.33 TT			MPC	
<i>q</i>	0.0417	(2000.0)	P	Q	
	<i>ω</i>	69.22	−0.22164	−0.96766	
	<i>Ω</i>	34.30	+0.79614	−0.25092	
<i>e</i>	1.0	<i>i</i> 12.35	+0.56306	−0.02610	
From 10 observations 2004 May 5.					

C/2004 J5 (SOHO)

<i>T</i>	2004 May 6.56 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	<i>ω</i>	81.28	+0.10721	−0.99380	
	<i>Ω</i>	356.93	−0.97969	−0.10053	
<i>e</i>	1.0	<i>i</i> 146.53	+0.16947	+0.04756	
From 11 observations 2004 May 6.					

C/2004 J6 (SOHO)

<i>T</i>	2004 May 7.59 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P	Q	
	<i>ω</i>	84.67	+0.18041	−0.98152	
	<i>Ω</i>	6.26	−0.95899	−0.18994	
<i>e</i>	1.0	<i>i</i> 144.23	+0.21863	−0.02320	
From 8 observations 2004 May 7.					

C/2004 J7 (SOHO)

<i>T</i>	2004 May 9.12 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	<i>ω</i>	79.98	+0.11808	−0.99231	
	<i>Ω</i>	356.13	−0.97918	−0.11014	
<i>e</i>	1.0	<i>i</i> 146.68	+0.16511	+0.05646	
From 7 observations 2004 May 8.					

C/2004 J8 (SOHO)

<i>T</i>	2004 May 12.14 TT			MPC	
<i>q</i>	0.0048	(2000.0)	P	Q	
	<i>ω</i>	86.79	+0.17187	−0.98161	
	<i>Ω</i>	8.23	−0.96152	−0.18550	
<i>e</i>	1.0	<i>i</i> 144.55	+0.21433	−0.04505	
From 57 observations 2004 May 10–11.					

C/2004 J9 (SOHO)

<i>T</i>	2004 May 11.16 TT			MPC	
<i>q</i>	0.0054	(2000.0)	P	Q	
	<i>ω</i>	89.20	+0.22907	−0.95748	
	<i>Ω</i>	16.14	−0.93107	−0.26808	
<i>e</i>	1.0	<i>i</i> 140.88	+0.28395	−0.10659	
From 7 observations 2004 May 10.					

C/2004 J10 (SOHO)

<i>T</i>	2004 May 12.33 TT			MPC	
<i>q</i>	0.0055	(2000.0)	P	Q	
	<i>ω</i>	89.77	+0.19768	−0.96932	
	<i>Ω</i>	14.05	−0.94931	−0.22646	
<i>e</i>	1.0	<i>i</i> 143.00	+0.24442	−0.09560	
From 29 observations 2004 May 11–12.					

C/2004 J11 (SOHO)

<i>T</i>	2004 May 13.21 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P	Q	
	<i>ω</i>	89.99	+0.19076	−0.97188	
	<i>Ω</i>	13.61	−0.95546	−0.21609	
<i>e</i>	1.0	<i>i</i> 144.08	+0.22520	−0.09358	
From 11 observations 2004 May 12.					

M.P.C. 52320**C/2004 J12 (SOHO)***T* 2004 May 12.91 TT*q* 0.0398 (2000.0) ω 71.79 Ω 33.74*e* 1.0 *i* 12.68

From 9 observations 2004 May 12.

MPC

P **Q**

−0.25502 −0.95922

+0.78334 −0.27887

+0.56688 −0.04616

C/2004 J13 (SOHO)*T* 2004 May 13.85 TT*q* 0.0441 (2000.0) ω 64.48 Ω 36.12*e* 1.0 *i* 12.47

From 10 observations 2004 May 13.

MPC

P **Q**

−0.17138 −0.97695

+0.80855 −0.21330

+0.56292 +0.00893

C/2004 J14 (SOHO)*T* 2004 May 14.61 TT*q* 0.0048 (2000.0) ω 88.92 Ω 10.45*e* 1.0 *i* 144.07

From 11 observations 2004 May 14.

MPC

P **Q**

+0.16535 −0.98047

−0.96069 −0.18454

+0.22302 −0.06799

C/2004 J15 (SOHO)*T* 2004 May 14.75 TT*q* 0.0438 (2000.0) ω 67.24 Ω 34.56*e* 1.0 *i* 12.28

From 9 observations 2004 May 14.

MPC

P **Q**

−0.19259 −0.97384

+0.80417 −0.22707

+0.56234 −0.00880

C/2004 J16 (SOHO)*T* 2004 May 14.97 TT*q* 0.0314 (2000.0) ω 69.24 Ω 34.39*e* 1.0 *i* 14.63

From 6 observations 2004 May 14–15.

MPC

P **Q**

−0.21858 −0.96534

+0.77474 −0.26056

+0.59329 −0.01541

C/2004 J17 (SOHO)*T* 2004 May 15.55 TT*q* 0.0356 (2000.0) ω 72.09 Ω 35.60*e* 1.0 *i* 13.79

From 8 observations 2004 May 15.

MPC

P **Q**

−0.28793 −0.94755

+0.76342 −0.31459

+0.57817 −0.05651

C/2004 J18 (SOHO)*T* 2004 May 15.69 TT*q* 0.0461 (2000.0) ω 65.28 Ω 34.23*e* 1.0 *i* 11.89

From 7 observations 2004 May 15.

MPC

P **Q**

−0.15418 −0.98122

+0.81567 −0.19259

+0.55760 +0.01041

2004 JULY 13**C/2004 J19 (SOHO)***T* 2004 May 15.05 TT*q* 0.0050 (2000.0) ω 80.42 Ω 3.16*e* 1.0 *i* 144.99

From 5 observations 2004 May 14.

MPC

P **Q**

+0.21060 −0.97706

−0.95648 −0.21263

+0.20195 +0.01187

C/2004 K1 (Catalina)*T* 2005 July 4.7042 TT*q* 3.400398 (2000.0) ω 97.6931 Ω 326.9281*e* 1.0 *i* 153.7499

From 122 observations 2004 May 21–July 11.

MPC

P **Q**

−0.5971884 −0.7649278

−0.7906701 +0.6120145

+0.1349329 +0.2008076

P/2004 K2 (McNaught)*T* 2004 June 16.6531 TT*q* 1.550852 (2000.0)*n* 0.1853420 ω 180.6721*a* 3.046634 Ω 150.0148*e* 0.490962 *i* 8.1160*P* 5.32

From 43 observations 2004 May 20–June 30.

MPC

P **Q**

+0.8718985 +0.4845767

−0.4486174 +0.8482000

−0.1963044 +0.2138743

C/2004 K3 (LINEAR)*T* 2004 June 30.4548 TT*q* 1.103364 (2000.0)*z* +0.017153 ω 60.4899 Ω 275.5378*e* 0.981074 *i* 111.9286

From 78 observations 2004 May 29–July 6.

MPC

P **Q**

−0.2759515 −0.2670774

−0.7997238 +0.5966830

+0.5331910 +0.7567292

C/2004 K4 (SOHO)*T* 2004 May 18.86 TT*q* 0.0052 (2000.0) ω 88.44 Ω 11.22*e* 1.0 *i* 144.01

From 9 observations 2004 May 18.

MPC

P **Q**

+0.18411 −0.97624

−0.95670 −0.20465

+0.22544 −0.07124

C/2004 K5 (SOHO)*T* 2004 May 20.61 TT*q* 0.0051 (2000.0) ω 86.94 Ω 11.45*e* 1.0 *i* 142.11

From 7 observations 2004 May 20.

MPC

P **Q**

+0.20873 −0.97034

−0.94289 −0.23277

+0.25959 −0.06524

C/2004 K6 (SOHO)*T* 2004 May 22.16 TT*q* 0.0050 (2000.0) ω 87.07 Ω 11.05*e* 1.0 *i* 142.22

From 5 observations 2004 May 21.

MPC

P **Q**

+0.20149 −0.97242

−0.94516 −0.22449

+0.25703 −0.06320

2004 JULY 13

C/2004 K7 (SOHO)

<i>T</i>	2004 May 23.54 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
	ω	97.75	+0.16667	−0.94926
	Ω	23.35	−0.93170	−0.24015
<i>e</i>	1.0	<i>i</i> 137.71	+0.32273	−0.20308
From 7 observations 2004 May 23.				

C/2004 K8 (SOHO)

<i>T</i>	2004 May 24.66 TT		MPC	
<i>q</i>	0.0067	(2000.0)	P	Q
	ω	39.83	+0.23639	−0.86989
	Ω	317.62	−0.97128	−0.19904
<i>e</i>	1.0	<i>i</i> 140.04	+0.02726	+0.45130
From 5 observations 2004 May 24.				

C/2004 K9 (SOHO)

<i>T</i>	2004 May 25.28 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	ω	96.73	+0.12906	−0.97151
	Ω	18.25	−0.95310	−0.17687
<i>e</i>	1.0	<i>i</i> 140.60	+0.27376	−0.15778
From 6 observations 2004 May 24.				

C/2004 K10 (SOHO)

<i>T</i>	2004 May 25.72 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	ω	83.93	+0.18163	−0.98176
	Ω	5.46	−0.95744	−0.18958
<i>e</i>	1.0	<i>i</i> 143.85	+0.22430	−0.01423
From 6 observations 2004 May 25.				

C/2004 K11 (SOHO)

<i>T</i>	2004 May 28.17 TT		MPC	
<i>q</i>	0.0048	(2000.0)	P	Q
	ω	87.82	+0.16969	−0.98086
	Ω	9.39	−0.96046	−0.18629
<i>e</i>	1.0	<i>i</i> 144.20	+0.22073	−0.05657
From 14 observations 2004 May 27.				

C/2004 K12 (SOHO)

<i>T</i>	2004 May 31.19 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	ω	87.99	+0.17856	−0.97831
	Ω	10.28	−0.95759	−0.19732
<i>e</i>	1.0	<i>i</i> 143.93	+0.22614	−0.06307
From 28 observations 2004 May 30.				

C/2004 L1 (LINEAR)

<i>T</i>	2005 Mar. 29.8244 TT		MPC	
<i>q</i>	2.052128	(2000.0)	P	Q
	ω	243.3750	−0.9464215	−0.0221817
	Ω	66.1522	+0.0595493	+0.9685423
<i>e</i>	1.0	<i>i</i> 159.3753	−0.3173960	+0.2478583
From 91 observations 2004 June 12–July 11.				

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C/2004 L2 (LINEAR)

<i>T</i>	2005 Nov. 14.759 TT		MPC	
<i>q</i>	3.78091	(2000.0)	P	Q
	ω	257.247	+0.477112	−0.056083
	Ω	99.208	+0.210494	+0.976207
<i>e</i>	1.0	<i>i</i> 62.685	−0.853263	+0.209464
From 41 observations 2004 June 11–29.				

42P/Neujmin

Epoch 2004 July 14.0 TT = JDT 2453200.5				
<i>T</i>	2004 July 15.9461 TT		MPC	
<i>q</i>	2.014867	(2000.0)	P	Q
<i>n</i>	0.0921084	ω 147.1607	+0.4631062	+0.8856370
<i>a</i>	4.855902	Ω 150.3851	−0.8274241	+0.4459056
<i>e</i>	0.585068	<i>i</i> 3.9856	−0.3176507	+0.1296736
<i>P</i>	10.7			
From 66 observations 1929–2004, mean residual 1″.1. Nongravitational parameters				
$A_1 = +1.37, A_2 = +0.0339.$				

78P/Gehrels

Epoch 2004 Nov. 11.0 TT = JDT 2453320.5				
<i>T</i>	2004 Oct. 27.0675 TT		MPC	
<i>q</i>	2.008183	(2000.0)	P	Q
<i>n</i>	0.1364659	ω 192.9623	+0.7259384	−0.6855284
<i>a</i>	3.736400	Ω 210.5472	+0.6403269	+0.7030521
<i>e</i>	0.462535	<i>i</i> 6.2527	+0.2509880	+0.1891258
<i>P</i>	7.22			
From 438 observations 1973–2004, mean residual 0″.8. Nongravitational parameters				
$A_1 = −0.78, A_2 = −0.0270.$				

S/2002 J 1

Epoch 2004 July 14.0 TT = JDT 2453200.5				
<i>M</i>	134.10176	(2000.0)	P	Q
<i>n</i>	0.48245378	ω 190.19164	−0.95867819	+0.28290671
<i>a</i>	0.1585387	Ω 353.51906	+0.27613232	+0.95069304
<i>e</i>	0.1492382	<i>i</i> 164.58705	+0.06846215	+0.12706900
<i>P</i>	746.19 d	<i>H</i> 16.2	<i>G</i> 0.15	
From 31 observations 2002 Oct. 31–2004 Feb. 22, mean residual 0″.29.				

S/2003 J 1

Epoch 2004 July 14.0 TT = JDT 2453200.5				
<i>M</i>	311.81994	(2000.0)	P	Q
<i>n</i>	0.48966269	ω 325.92995	−0.24701937	−0.95094520
<i>a</i>	0.1569788	Ω 222.49429	−0.81624878	+0.10061975
<i>e</i>	0.2828813	<i>i</i> 163.99643	−0.52222539	+0.29253869
<i>P</i>	735.20 d	<i>H</i> 15.9	<i>G</i> 0.15	
From 23 observations 2003 Feb. 5–2004 Apr. 15, mean residual 0″.34.				

S/2002 N 1

Epoch 2004 July 14.0 TT = JDT 2453200.5				
MPC				
<i>M</i>	187.43071	(2000.0)	P	Q
<i>n</i>	0.19173432	ω 156.92226	+0.63887122	+0.51958225
<i>a</i>	0.1108267	Ω 217.68248	+0.47721035	+0.31078648
<i>e</i>	0.2608088	<i>i</i> 111.85714	+0.60341846	−0.79589324
<i>P</i>	1877.60 d	<i>H</i> 9.8	<i>G</i> 0.15	
From 45 observations 1999 July 18–2004 June 19, mean residual 0".40.				

S/2002 N 2

Epoch 2004 July 14.0 TT = JDT 2453200.5				
MPC				
<i>M</i>	217.53510	(2000.0)	P	Q
<i>n</i>	0.12349241	ω 63.55341	−0.26628803	−0.66075023
<i>a</i>	0.1485995	Ω 61.77029	+0.31125713	−0.74801222
<i>e</i>	0.1389053	<i>i</i> 52.79936	+0.91225527	+0.06234467
<i>P</i>	2915.16 d	<i>H</i> 11.0	<i>G</i> 0.15	
From 32 observations 2001 July 23–2004 June 19, mean residual 0".43.				

S/2002 N 3

Epoch 2004 July 14.0 TT = JDT 2453200.5				
MPC				
<i>M</i>	345.75738	(2000.0)	P	Q
<i>n</i>	0.11369527	ω 131.71073	−0.87298359	−0.03393488
<i>a</i>	0.1570179	Ω 52.68547	−0.33876124	−0.67552694
<i>e</i>	0.3828662	<i>i</i> 37.71895	+0.35091377	−0.73655399
<i>P</i>	3166.36 d	<i>H</i> 10.7	<i>G</i> 0.15	
From 31 observations 2001 Aug. 11–2004 June 19, mean residual 0".24.				

S/2002 N 4

Epoch 2004 July 14.0 TT = JDT 2453200.5				
MPC				
<i>M</i>	271.26447	(2000.0)	P	Q
<i>n</i>	0.03824156	ω 82.17094	+0.64896322	−0.60305368
<i>a</i>	0.3246537	Ω 46.69884	−0.64055784	−0.76206456
<i>e</i>	0.6143903	<i>i</i> 140.40241	+0.41052697	−0.23576228
<i>P</i>	9413.84 d	<i>H</i> 10.4	<i>G</i> 0.15	
From 29 observations 2002 Aug. 14–2004 June 19, mean residual 0".46.				

S/2003 N 1

Epoch 2004 July 14.0 TT = JDT 2453200.5				
MPC				
<i>M</i>	244.20014	(2000.0)	P	Q
<i>n</i>	0.03708664	ω 126.49446	−0.74734652	−0.39418972
<i>a</i>	0.3313593	Ω 319.58560	−0.22740669	+0.90813519
<i>e</i>	0.2509169	<i>i</i> 124.40919	+0.62430712	−0.14108489
<i>P</i>	9707.00 d	<i>H</i> 10.8	<i>G</i> 0.15	
From 24 observations 2001 Aug. 11–2004 June 19, mean residual 0".57.				

NEW NAMES OF MINOR PLANETS**(3865) Lindbloom = 1988 AY₄**

Discovered 1988 Jan. 13 by H. Debehogne at the European Southern Observatory.

George G. Lindbloom (1934–1989), artist, designer, writer, cartoonist, teacher, photographer and humorist, designed the Nicholas E. Wagman Observatory for the Amateur Astronomers Association of Pittsburgh and served as AAAP president from 1969 to 1971. He contributed more than 10 000 observations to the AAVSO.

(3866) Langley = 1988 BH₄

Discovered 1988 Jan. 20 by H. Debehogne at the European Southern Observatory.

Samuel Pierpont Langley (1834–1906), third secretary of the Smithsonian Institution, was founder of its Astrophysical Observatory. While Allegheny Observatory director he invented a bolometer. He developed a working wing and in 1896 conducted the first successful flight of an unmanned, heavier-than-air flying machine.

(9143) Burkhead = 1955 SF

Discovered 1955 Sept. 16 at the Goethe Link Observatory, Indiana University.

Martin S. Burkhead (b.1933), emeritus professor at Indiana University, contributed fundamental work on the photometry of galaxies, including M104 and M51. His commitment to the public understanding of science helped tens of thousands of people to enjoy astronomy and to appreciate the night sky.

(9144) Hollisjohnson = 1955 UN₁

Discovered 1955 Oct. 25 at the Goethe Link Observatory, Indiana University.

Hollis R. Johnson (b.1928), emeritus professor at Indiana University, has carried out studies of the effects of molecules and grains, including CO and water vapor, on stellar opacities. His efforts to model carbon-rich stars have led to some of the first quantitative estimates of carbon abundances in such stars.

(9154) Kol'tsovo = 1982 SP₆

Discovered 1982 Sept. 16 by L. I. Chernykh at the Crimean Astrophysical Observatory.

A suburb of Novosibirsk, Kol'tsovo is the site of the State Scientific Institute of Virology and Biotechnology of the Russian Ministry of Public Health. This institution is known for research in molecular biology, bioengineering and in developing remedies against infection diseases.

(9260) Edwardolson = 1953 TA₁

Discovered 1953 Oct. 8 at the Goethe Link Observatory, Indiana University.

Edward C. Olson (b.1930), emeritus professor at the University of Illinois, has carried out observational programs that have demonstrated how the outer layers of mass-gaining stars are distorted, and how angular momentum from the mass-transfer process can spin stars up close to the stability limit.

(10540) Hachigoroh = 1991 VP₄

Discovered 1991 Nov. 13 by S. Otomo at Kiyosato.

Hachigoroh Kikuchi (1926–1999) was the executive committee chief of the Hara-mura star party and was instrumental in getting it started. The name was suggested by S. Horiuchi.

(10568) Yoshitanaka = 1994 CF₁

Discovered 1994 Feb. 2 by S. Otomo at Kiyosato.

Yoshiji Tanaka (1948–2003) was a Japanese science magazine editor instrumental in starting the Haramura star party. The name was suggested by S. Horiuchi.

(10702) Arizorcas = 1981 QD

Discovered 1981 Aug. 30 by E. Bowell at the Lowell Observatory's Anderson Mesa Station.

The Arizona Orchestra Association represents Arizona's forty-one orchestras.

(11249) Etna = 1971 FD

Discovered 1971 Mar. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Etna is the stratovolcano mountain above the Sicilian city of Catania. Its height is 3350 meters, and the last eruption was 2003. Etna's eruptions have been known since antiquity.

(11670) Fountain = 1998 AU₉

Discovered 1998 Jan. 6 by M. W. Buie at the Anderson Mesa station of the Lowell Observatory.

Glen Harold Fountain (b.1942) is the project manager of the New Horizons Pluto Kuiper Belt mission. He has additionally played key roles in other space astronomy missions, including the Small Astronomy Satellite series, ASTRO-Spacelab and FUSE.

(11852) Shoumen = 1988 RD

Discovered 1988 Sept. 10 by V. G. Shkodrov and V. G. Ivanova at Rhozen.

Shoumen University was the second university in Bulgaria successfully to develop education in astronomy, largely as a result of contributions by the first discoverer. The second discoverer, who spent her early student years in Shoumen, also contributes to the development of astronomical education.

(11976) Josephthurn = 1995 JG

Discovered 1995 May 5 at Farra d'Isonzo.

Count Joseph Thurn (1761–1831), an admiral in the Borbonic fleet, was in command of the Austrian emperor's troops. He spent part of his life in Gorizia, where in 1831 was founded the Monte di Pietá and Cassa di Risparmio.

(12360) Unilandes = 1993 SQ₃

Discovered 1993 Sept. 22 by O. A. Naranjo at Mérida.

The Universidad de Los Andes, founded in Mérida in 1785, is one of the most important educational institutions in Venezuela.

(12534) Janhoet = 1998 LB₃

Discovered 1998 June 1 by E. W. Elst at the European Southern Observatory.

Jan Hoet (b.1936) has studied art history and archeology. In 1975 he was appointed director of the Museum of Contemporary Art in Ghent. Well known from his exposition *Documenta IX* (Düsseldorf, 1992), he has been responsible for several expositions in Europe, Japan and Canada.

(12540) Picander = 1998 OU₉

Discovered 1998 July 26 by E. W. Elst at the European Southern Observatory.

Picander, pseudonym of Christian Friedrich Henrici (1700–1764), was one of Bach's most important librettists. He wrote the texts for several secular cantatas ("Coffee cantatas"), but also for Bach's most magnificent oratorio, *St. Matthew Passion*.

(12567) Herreweghe = 1998 SU₇₁

Discovered 1998 Sept. 21 by E. W. Elst at the European Southern Observatory.

Philippe Herreweghe (b.1945) has studied medicine and psychiatry at Ghent University, combining this study with piano at the conservatory. In 1971 he founded the Ghent Collegium Vocale and became its conductor. He is known worldwide for his baroque music interpretations.

(12688) Baekeland = 1988 CK₄

Discovered 1988 Feb. 13 by E. W. Elst at the European Southern Observatory.

Leo Hendrik Baekeland (1863–1944) was a Flemish chemist and inventor who in 1890 discovered a new kind of photographic paper. His most renowned discovery is surely Bakelite, an electrically insulating substance from which he developed the first fully synthetic plastic in 1909.

(12817) Federica = 1996 FM₁₆

Discovered 1996 Mar. 22 by E. W. Elst at the European Southern Observatory.

Federica Mula (b.1995) is the talented daughter of Manuela Sciascia and Nuccio Mula. In the opera *Empedocle* from Mula-Portera (Agrigento, 2002), she performed the role of the girl who found and returned the sandal of Greek philosopher Empedocles near the Etna volcano.

(12867) Joëloïc = 1998 LK₂

Discovered 1998 June 1 by E. W. Elst at the European Southern Observatory.

Joël (b.1982) and Loïc (b.1985) are the children of Gérard Faure, accountant, amateur astronomer and active Magnitude Alert Project observer of minor planets. Both sons are now students at the University of Grenoble, in the disciplines of economy and computer science.

(13897) Vesuvius = 4216 T-2

Discovered 1973 Sept. 29 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Naples' Mount Vesuvius is the famous volcano that destroyed the cities Pompeii and Herculaneum in 79 A.D. Large eruptions followed in 1631 and 1944.

(15004) Vallerani = 1997 XL₁₀

Discovered 1997 Dec. 7 by M. Tombelli and G. Forti at Asiago.

Ernesto Vallerani (b.1936) has participated in numerous important European and international scientific programs, notably playing a key role in space activities in Italy's Piedmont region. The name was suggested by F. Bevilacqua and C. Casacci.

(15005) Guerriero = 1997 XY₁₀

Discovered 1997 Dec. 7 by M. Tombelli and U. Munari at Cima Ekar.

Luciano Guerriero (b.1930) played a key role in the development of the first Italian National Space Program and the promotion of important international space research missions in astronomy. The name was suggested by F. Bevilacqua, C. Casacci and E. Vallerani.

(15147) Siegfried = 2000 EJ₁₃₄

Discovered 2000 Mar. 11 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Ray M. Siegfried (b.1943) is active in numerous civic, business, cultural and community associations. In 1990 he was presented with the "Brotherhood Award" from the National Conference of Christians and Jews. He is currently chairman of the board of the aerospace NORDAM Group. The name was suggested by T. W. Rettig.

(15258) Alfilipenko = 1990 RN₁₇

Discovered 1990 Sept. 15 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Aleksandr Vasil'evich Filipenko (b.1950), a civil engineer at Khanty-Mansijsk in Siberia, is the chairman of a charitable fund for the memory of Prince Menshikov (1673–1729), Russian statesman and military leader during reign of Peter the Great.

(15363) Ysaye = 1996 FT₆

Discovered 1996 Mar. 18 by Spacewatch at Kitt Peak.

Eugene Ysaye (1858–1931), was a violinist and composer. A student of Vieuxtemps and Wieniawski in Brussels, he was linked with the romantic tradition and his influence predominated in the twentieth century. Each of his *Six Sonatas for Solo Violin* (1923) is dedicated to a younger musician, from Szigeti to Kreisler.

(15371) Steward = 1996 RZ₁₈

Discovered 1996 Sept. 15 by Spacewatch at Kitt Peak.

The Steward Observatory, named in memory of Lavinia Steward, is the research organization associated with the department of astronomy of the University of Arizona. Besides operating telescopes at several locations, its faculty, staff and students are leaders in instrumental development and in theoretical studies.

(15406) Bleibtreu = 1997 WV₁₂

Discovered 1997 Nov. 23 by Spacewatch at Kitt Peak.

Hermann Karl Bleibtreu (b.1933), professor emeritus of anthropology at the University of Arizona, as dean of the college of liberal arts supported formation in 1972–1973 of the department of planetary sciences as the teaching organization associated with the university's Lunar and Planetary Laboratory.

(15412) Schaefer = 1998 AU₃

Discovered 1998 Jan. 2 by Spacewatch at Kitt Peak.

John P. Schaefer (b.1934), founder, in association with Ansel Adams, of the Center for Creative Photography of the University of Arizona, was president of the university during 1971–1982, including the time of formation of the department of planetary sciences. He has also served as president of the Research Corporation.

(15420) Aedouglass = 1998 HQ₃₁

Discovered 1998 Apr. 28 by Spacewatch at Kitt Peak.

Andrew Ellicott Douglass (1867–1962) was an American astronomer and developer of dendrochronology. For Percival Lowell, he sited Lowell Observatory. Later he directed the Steward Observatory at the University of Arizona and in 1923 dedicated the 0.9-m telescope, which became the Spacewatch telescope in 1983.

(15427) Shabas = 1998 SP₆₁

Discovered 1998 Sept. 17 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Natalia Leonydivna Shabas (1969–2003), of the Kyiv Shevchenko National University, was an Ukrainian astronomer who studied the physical conditions in the plasma tails of comets 1P/Halley, 67P/Churyumov-Gerasimenko, C/1970 N1 (Abe), C/1982 N1 (Austin) and others. The name was suggested by K. I. Churyumov.

(15448) Siegwarth = 1998 XT₂₁

Discovered 1998 Dec. 10 by Spacewatch at Kitt Peak.

James David Siegwarth (b.1934), a physicist at the National Institute of Standards and Technology in Boulder, devoted 37 years to cryogenics and dilution refrigeration research. In retirement, his scientific work continues, including the discovery of a new species of dinosaur, *Drinker nisti*.

(15462) Stumegan = 1999 AV₁

Discovered 1999 Jan. 8 by Spacewatch at Kitt Peak.

Stewart A. Megan (b.1952) discovered the Near Earth Object 2004 BV₁₈ in conjunction with the Spacewatch Fast-Moving-Object Project. This find, made using real-time images transferred to volunteers over the Internet, encouraged others to join the online search.

(15465) Buchroeder = 1999 AZ₅

Discovered 1999 Jan. 15 by Spacewatch at Kitt Peak.

Richard A. Buchroeder (b.1941) is an expert designer of decentered and other innovative optical systems, including those for astronomical telescopes. Three wide-field correctors used on the Spacewatch telescopes are of his design.

(15675) Goloseevo = 1978 SP₅

Discovered 1978 Sept. 27 by L. I. Chernykh at the Crimean Astrophysical Observatory.

The Main Astronomical Observatory of the Ukrainian National Academy of Sciences is located in the Goloseevo district in Kiev. Founded in 1944, the Goloseevo Observatory is known for research in astrometry and geodynamics, physics of the sun, galaxies, stars, planets and comets.

(15904) Halstead = 1997 SD₁₁

Discovered 1997 Sept. 29 by T. Stafford at the Zeno Observatory.

Susan Ruth Halstead (b.1959) is the sister of the discoverer.

(16682) Donati = 1994 FB

Discovered 1994 Mar. 18 by M. Cavagna and V. Giuliani at Sormano.

The Tuscan astronomer Giovanni Battista Donati (1826–1873) made important contributions to the early development of stellar spectroscopy, being also the first to observe a cometary spectrum. He was director of the Florence Observatory and discoverer of six comets, among them the spectacular naked-eye comet C/1858 L1.

(16757) Luoxiahong = 1996 SC₆

Discovered 1996 Sept. 18 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Luoxia Hong (140–87 BC) was the most famous folk astronomer in ancient China. He performed accurate observations with instruments (e.g., the equatorial armillary sphere) he made himself. He also produced the Tai Chu Calendar, the first mathematical astronomy system in China, the standard for two millennia.

(17460) Mang = 1990 TC₁₁

Discovered 1990 Oct. 10 by L. D. Schmadel and F. Börngen at Tautenburg.

Herbert Mang (b.1942) is professor of material sciences at the Vienna University of Technology. He is a well-known expert in computational mechanics and a friend of astronomy. Mang currently serves as president of the Austrian Academy of Sciences in Vienna. The name was suggested by the first discoverer.

(17488) Mantl = 1991 TQ₆

Discovered 1991 Oct. 2 by L. D. Schmadel and F. Börngen at Tautenburg.

Wolfgang Mantl (b.1939) is professor of jurisprudence and constitutional law at the University of Graz. Mantl is a leading expert in building bridges to the neighboring countries of southeast Europe. He is chairman of the Austrian Board of Science and a lover of astronomy. The name was suggested by the first discoverer.

(17851) Kaler = 1998 JK

Discovered 1998 May 1 by NEAT at Haleakala.

James B. Kaler (b.1938), a professor at the University of Illinois from 1976 to 2003 known for his spectroscopic research on planetary nebulae, has with books and an outstanding website also worked tirelessly to educate planetarians, teachers, students and amateur astronomers, always being available to answer their questions.

(18359) Jakobstaude = 1990 TL₇

Discovered 1990 Oct. 13 by L. D. Schmadel and F. Börngen at Tautenburg.

Jakob Staude (b.1944) is staff astronomer at the Heidelberg Max Planck Institute for Astronomy and a well-known expert on star formation. Since 1981 Staude

has also served as editor-in-chief of the German journal *Sterne und Weltraum*. The name was suggested by the first discoverer.

(19034) Santorini = 2554 P-L

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

Santorini is a Greek island in the Aegean Sea. The old name of the island is Thera. The 1950 eruption produced a small lava dome. About 1200 B.C. there was also a great eruption and its following tidal wave may have destroyed the Minoan culture of Crete.

(19149) Boccaccio = 1990 EZ₂

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

Giovanni Boccaccio (1313–1375) was an Italian poet and essayist, known for the psychological romance *Elegia di Madonna Fiammetta* (1343–1344), which expresses his love for Maria d'Aquino, daughter of the king of Naples. He was more famous for his masterpiece *Il Decamerone* (1349–1351), written in common language.

(19707) Tokunai = 1999 TZ₁₂

Discovered 1999 Oct. 8 by T. Okuni at Nanyo.

Tokunai Mogami (1755–1836) explored the northern area of Japan and learned astronomy, surveying and navigation from Toshiaki Honda, a Dutch scholar. He was engaged in the investigation and development of Hokkaido, Kurile Islands and Sakhalin.

(20234) Billgibson = 1998 AV₉

Discovered 1998 Jan. 6 by M. W. Buie at the Anderson Mesa station of the Lowell Observatory.

William C. Gibson (b. 1945) is the payload manager of the New Horizons Pluto Kuiper Belt mission. Additionally, he has been responsible for the development of numerous instruments that have studied the earth's magnetosphere, the planets and comets.

(23405) Nisyros = 1973 SB₁

Discovered 1973 Sept. 19 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Nisyros is the easternmost volcano of the Aegean arc of Greece. Active since antiquity, large eruptions occurred in 1422 and 1888.

(24605) Tsykalyuk = 1975 VZ₈

Discovered 1975 Nov. 8 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Sergej Alekseevich Tsykalyuk (b. 1959), a specialist in economics, is head of an insurance company in Moscow and active in public affairs. His activity in charity and social support of veterans is widely recognized. He was nominated Man of Year in 1996 by the Russian Biographical Institution.

(24607) Sevnatu = 1977 PC₁

Discovered 1977 Aug. 14 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Sevastopol National Technical University, founded in 1951, is a large higher-education institution in Ukraine that graduates specialists in marine technology, instrumentation, automation, radio-electronics, computer technology, economics and management.

(26761) Stromboli = 2033 P-L

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

Stromboli is a volcanic island off northern Sicily, in the Mediterranean Sea. In antiquity the volcano was called "the lighthouse of Mediterrania". The most recent eruptions were in 1951 and 2000.

(27344) Vesevlada = 2000 DM₂

Discovered 2000 Feb. 26 by L. Šarounová at Ondřejov.

Vladimír Veselý (b. 1933) was the director of the Bee Research Institute at Dol from 1970 to 1997. He has gained recognition for the spreading of the docile Carnica bee in the Czech Republic and for the control of the bee disease Varroa mite through the development of medicines and a national organization.

(28513) Guo = 2000 CM₁₂₆

Discovered 2000 Feb. 5 by M. W. Buie at Kitt Peak.

Yanping Guo (b. 1960) is the mission trajectory designer of the New Horizons Pluto Kuiper Belt mission. In this role she is making a fundamental contribution to the exploration of the solar system.

(29125) Kyivphysfak = 1984 YL₁

Discovered 1984 Dec. 17 by L. G. Karachkina at the Crimean Astrophysical Observatory.

The physics faculty of Kyiv National Taras Shevchenko University, founded in 1834 as the physics and mathematics department, has played a great role in the development of physics and astronomy education, as well as science generally in Ukraine. In 1940 this faculty received its present name.

(29467) Shandongdaxue = 1997 TS₂₆

Discovered 1997 Oct. 15 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Shandong University, founded in 1901, is one of the oldest and most prestigious universities in China.

(29650) Toldy = 1998 WR₆

Discovered 1998 Nov. 23 by A. Galád and P. Kolény at Modra.

Slovak husband-and-wife doctors Mikuláš (1926–1996) and Viera (1926–1995) Toldy spent all their energy in the interest of humanity and medical science. He was head of the obstetrics clinic in Martin, and she was a pediatrician at the Comenius University hospital and later head physician at the Suckling Institute in Bratislava.

(31203) Hersman = 1998 AO₉

Discovered 1998 Jan. 6 by M. W. Buie at the Anderson Mesa station of the Lowell Observatory.

Chris Becker Hersman (b. 1964) is the spacecraft systems engineer of the New Horizons Pluto Kuiper Belt mission. In this role he is making a fundamental contribution to the exploration of the solar system.

(32263) Kusnierkiewicz = 2000 OH₆₉

Discovered 2000 July 31 by M. W. Buie at Cerro Tololo.

David Yan Kusnierkiewicz (b. 1955) is the mission systems engineer of the New Horizons Pluto Kuiper Belt mission. In this role he is making a fundamental contribution to the exploration of the solar system.

(32943) Sandyryan = 1995 VK₂

Discovered 1995 Nov. 13 by AMOS at Haleakala.

Sandy Ryan is a member of the Maui Economic Development Board. She provides technical support to the Air Force Maui Optical and Supercomputing (AMOS) team and is responsible for the success of the annual AMOS Technical Conference.

(33433) Maurilia = 1999 EZ₄

Discovered 1999 Mar. 14 by S. Sposetti at Gnosca.

Maurilia Sposetti (b. 1957) is the sister of the discoverer.

(34077) Yoshiakifuse = 2000 OV₆₈

Discovered 2000 July 30 by M. W. Buie at Cerro Tololo.

Yoshiaki Fuse (b. 1939) is the father of astronomer and Subaru staff member Tetsuru Fuse. Yoshiaki Fuse has greatly influenced and motivated his son Tetsuru's career.

(35237) Matzner = 1995 QP

Discovered 1995 Aug. 23 by L. Šarounová at Ondřejov.

Antonín Matzner (b. 1944) is a musicologist, music journalist, producer and organizer in a huge number of areas. He is particularly recognized for his work in the fields of modern jazz, film, popular and also classical music. He is a very important figure on the Czech music scene, regardless of genre.

(36033) Viseggi = 1999 OC₁

Discovered 1999 July 19 at Monte Viseggi.

Monte Viseggi is the site of La Spezia Astronomical Observatory. The observatory, founded in 1989 by Associazione Astrofili Spezzini, stands on a hill where a World War II anti-aircraft battery has been adapted by the local amateur astronomers association.

(37692) Loribragg = 1995 VX

Discovered 1995 Nov. 12 by AMOS at Haleakala.

Lori Bragg is a member of the Maui Economic Development Board. She provides technical support to the Air Force Maui Optical and Supercomputing (AMOS) team and is responsible for the success of the annual AMOS Technical Conference.

(47077) Yuji = 1998 YC₁

Discovered 1998 Dec. 16 by A. Nakamura at Kuma Kogen.

Yuji Nakamura (b. 1956) is an amateur astronomer and chemical engineer at the municipal office of Yokkaichi City. During his 32-year visual search for comets, Nakamura discovered C/1990 E1 and rediscovered 122P/1995 S1 (de Vico). Also an enthusiastic nova hunter since 2001, he has discovered three novae.

(45261) Decoen = 2000 AB₂

Discovered 2000 Jan. 2 by S. Sposetti at Gnosca.

Yvette Decoen (b. 1951) is an esteemed physics teacher in the Bellinzona College and a friend of the discoverer.

(47293) Masamitsu = 1999 WO

Discovered 1999 Nov. 16 by A. Nakamura at Kuma Kogen.

Masamitsu Nakamura (b. 1965) is an amateur astronomer and medical technologist at the Hamamatsu Rosai Hospital. During his 25-year visual search for comets he discovered C/1994 N1 (Nakamura-Nishimura-Machholz).

(48807) Takahata = 1997 UT₂₁

Discovered 1997 Oct. 22 by T. Okuni at Nanyo.

Takahata, a town of 27 000 in the southern part of Yamagata prefecture, is famous for many ancient tombs and for fruit production.

(58672) Remigio = 1997 YT₈

Discovered 1997 Dec. 28 at Monte Viseggi.

Scarfi Remigio, a geologist, mathematics teacher and amateur astronomer, has been an active promoter of the Monte Viseggi Astronomical Observatory.

(59800) Astropis = 1999 PV₄

Discovered 1999 Aug. 14 by P. Pravec and P. Kušnirák at Ondřejov.

Since its first issue in 1994, the popular-science magazine *Astropis* has earned an excellent reputation in the Czech amateur astronomy community. It publishes original articles and news on astronomy, astrophysics, astronautics and related fields, as well as on astronomical phenomena and hints and directions for observations.

(65694) Franzrosenzweig = 1991 RX₄₀

Discovered 1991 Sept. 10 by F. Börngen at Tautenburg.

Franz Rosenzweig (1886–1929) studied fundamental philosophical and inter-religious themes. His magnum opus is *The Star of Redemption*. The Buber-Rosenzweig Medal has been awarded yearly since 1968 in Germany in memory of the two philosophers.

(65803) Didymos = 1996 GT

Discovered 1996 Apr. 11 by Spacewatch at Kitt Peak.

Greek for “twin”, this rapid-rotator Amor possesses a satellite with an orbital period of 11.9 hr. Suspicions arose in the Goldstone delay-Doppler echoes, and these were confirmed with the optical light curve analysis, along with Arecibo radar imaging on 2003 Nov. 23. The name was suggested by J. Montani.

(69275) Wiesenthal = 1989 WD₄

Discovered 1989 Nov. 28 by F. Börngen at Tautenburg.

Simon Wiesenthal (b. 1908) survived the Nazi camps of World War II. After the war, he courageously gathered data on the perpetrators of the Holocaust. He wrote several books, including *I Hunted Eichmann* and *The Murderers Among Us*.

(69961) Millosevich = 1998 VS₃₃

Discovered 1998 Nov. 15 by P. Sicoli and F. Manca at Sormano.

Elia Millosevich (1848–1919) was professor of astronomy at the Istituto Nautico in Venice and later director of the Collegio Romano Observatory, where he enthusiastically observed minor planets and comets. He was also skilled in computing orbits, notably for (433) Eros.

(71000) Hughdowns = 1999 XD₃₇

Discovered 1999 Dec. 7 by C. W. Juels at Fountain Hills.

Hugh Downs (b. 1921) is a television pioneer, program host, journalist and prolific author. He is also a board of governors member of the National Space Society and was a longtime president and chairman of the predecessor National Space Institute. The name was suggested by M. Trueblood.

(73637) Guneus = 1973 SX₁

Discovered 1973 Sept. 19 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Guneus was a Greek warrior from Kyphos during the Trojan war.

(73703) Billings = 1991 TL₁₅

Discovered 1991 Oct. 6 by A. Lowe on plates taken at Palomar.

Gary W. Billings is a geophysicist and amateur astronomer in Calgary, Alberta. He discovered five minor planets in 1999. More recently, he has conducted extensive CCD photometry of variable stars in collaboration with observers worldwide. He served as a council member of the AAVSO from 2002 to 2004.

(73704) Hladiuk = 1991 TW₁₅

Discovered 1991 Oct. 6 by A. Lowe on plates taken at Palomar.

Donald W. Hladiuk (b. 1957) is a professional geologist in Calgary, Alberta. For over 20 years, he has presented sky highlights on a local radio morning show. He has led numerous astronomical expeditions with the Calgary chapter of the Royal Astronomical Society of Canada, of which he has twice been president.

(73883) Asteraude = 1997 DQ

Discovered 1997 Feb. 16 by A. Klotz at Castres.

This minor planet is the first of a series of discoveries made by AUDE, the French Association des Utilisateurs de Detecteurs Electroniques. About 50 "asteraude" have been found each year since 1997.

(77185) Cherryh = 2001 FE₉

Discovered 2001 Mar. 20 by D. Wells and A. Cruz at Needville.

C. J. Cherryh (b. 1942), of Spokane, Washington, is the visionary author of more than 40 novels and three-time winner of the prestigious Hugo Award. She has challenged us to be worthy of the stars by imagining how mankind might grow to live among them.

(78118) Bharat = 2002 NT

Discovered 2002 July 4 by V. Reddy at the Goodricke-Pigott Observatory.

Bharat is the native name of India and derives from the wise and pious king Bharata of ancient Hindu mythology. India is the motherland of the discoverer.

(78429) Baschek = 2002 QN₄₈

Discovered 2002 Aug. 18 by S. F. Hönig on NEAT images taken at Palomar.

Bodo Baschek (b. 1935) is professor emeritus of the Institute for Theoretical Astrophysics at the Ruprecht Karls University of Heidelberg. He contributed to the field of radiation transport with the continuation of Albrecht Unsöld's work. His book *The New Cosmos* is standard literature for astronomy students.

(82232) Heuberger = 2001 JU

Discovered 2001 May 11 by M. Griesser at Eschenberg Observatory, Winterthur.

Robert Heuberger (b. 1922) and his wife Ruth (b. 1924), entrepreneurs in Winterthur, are esteemed friends of the discoverer. With an alert spirit, open heart and generous hand, they have supported children's institutions, the handicapped, hospitals and cultural projects for years.

EPHEMERIDES

C/2004 L1 (LINEAR)					Elements MPC 52321				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04		17 10.49	-13 48.0	2.711	3.652	154.0	7.0	17.8	
2004 07 14		16 48.89	-14 11.9	2.728	3.568	140.1	10.5	17.7	
2004 07 24		16 29.27	-14 35.1	2.786	3.484	126.2	13.6	17.6	
2004 08 03		16 12.40	-14 58.5	2.876	3.401	112.8	16.0	17.6	
2004 08 13		15 58.59	-15 23.3	2.986	3.318	100.2	17.5	17.6	
2004 08 23		15 47.83	-15 50.4	3.107	3.236	88.1	18.2	17.6	
2004 09 02		15 39.85	-16 20.4	3.229	3.154	76.7	18.1	17.5	
2004 09 12		15 34.31	-16 53.5	3.345	3.074	65.9	17.4	17.5	
2004 09 22		15 30.83	-17 29.8	3.448	2.994	55.4	16.0	17.5	
2004 10 02		15 29.06	-18 09.0	3.531	2.916	45.4	14.1	17.4	
2004 10 12		15 28.67	-18 51.1	3.591	2.839	35.6	11.8	17.3	

C/2004 L2 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04		18 56.52	-30 05.3	4.662	5.672	172.7	1.3	17.9	
2004 07 14		18 49.44	-31 08.4	4.621	5.614	166.2	2.5	17.8	
2004 07 24		18 42.43	-32 07.6	4.612	5.555	156.0	4.3	17.8	
2004 08 03		18 35.92	-33 01.6	4.631	5.497	145.4	6.0	17.7	
2004 08 13		18 30.27	-33 50.0	4.677	5.439	134.9	7.6	17.7	
2004 08 23		18 25.81	-34 33.1	4.744	5.382	124.5	8.9	17.7	
2004 09 02		18 22.77	-35 11.3	4.828	5.325	114.4	9.9	17.7	
2004 09 12		18 21.29	-35 45.4	4.924	5.268	104.6	10.7	17.7	
2004 09 22		18 21.43	-36 16.3	5.027	5.212	95.0	11.1	17.7	
2004 10 02		18 23.17	-36 44.9	5.132	5.157	85.8	11.2	17.7	
2004 10 12		18 26.47	-37 11.6	5.235	5.101	76.9	11.0	17.7	
2004 10 22		18 31.24	-37 37.0	5.330	5.047	68.2	10.6	17.7	
2004 11 01		18 37.38	-38 01.4	5.416	4.993	59.9	9.9	17.7	
2004 11 11		18 44.76	-38 25.0	5.489	4.940	51.9	9.1	17.6	
2004 11 21		18 53.30	-38 48.1	5.547	4.887	44.2	8.1	17.6	
2004 12 01		19 02.85	-39 10.8	5.587	4.835	36.9	7.0	17.6	
2004 12 11		19 13.32	-39 33.2	5.608	4.784	30.3	6.0	17.5	

74P/Smirnova-Chernykh

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04		22 07.89	-18 58.5	3.940	4.710	134.6	8.8	18.1	22.4
2004 07 14		22 04.87	-19 29.7	3.849	4.716	144.8	7.1	18.0	22.3
2004 07 24		22 00.66	-20 04.7	3.780	4.721	155.1	5.2	18.0	22.2
2004 08 03		21 55.52	-20 40.9	3.739	4.726	165.0	3.2	18.0	22.1
2004 08 13		21 49.78	-21 15.9	3.725	4.731	172.1	1.7	18.0	21.9
2004 08 23		21 43.86	-21 47.1	3.742	4.736	168.0	2.5	18.0	22.0
2004 09 02		21 38.20	-22 12.4	3.788	4.740	158.4	4.5	18.0	22.2
2004 09 12		21 33.21	-22 30.4	3.861	4.745	148.0	6.4	18.1	22.3
2004 09 22		21 29.25	-22 40.4	3.959	4.749	137.6	8.2	18.1	22.4

P/1999 DN₃ (Korlević-Jurić)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04		01 31.35	+12 34.3	5.178	5.040	76.6	11.3		19.8
2004 07 14		01 34.91	+13 17.1	5.020	5.035	85.0	11.6		19.7
2004 07 24		01 37.44	+13 55.2	4.860	5.029	93.7	11.6		19.7
2004 08 03		01 38.83	+14 28.4	4.701	5.024	102.8	11.4		19.6
2004 08 13		01 38.99	+14 55.9	4.548	5.018	112.1	10.8		19.5
2004 08 23		01 37.84	+15 17.1	4.405	5.012	121.8	9.9		19.4
2004 09 02		01 35.38	+15 31.6	4.277	5.006	131.8	8.6		19.2
2004 09 12		01 31.68	+15 39.0	4.167	5.000	142.2	7.1		19.1
2004 09 22		01 26.89	+15 39.2	4.080	4.994	152.7	5.3		19.0
2004 10 02		01 21.28	+15 32.6	4.021	4.987	163.2	3.3		18.8
2004 10 12		01 15.19	+15 20.2	3.991	4.981	172.0	1.6		18.7
2004 10 22		01 09.02	+15 03.6	3.992	4.974	169.9	2.0		18.7
2004 11 01		01 03.21	+14 45.0	4.023	4.968	160.0	3.9		18.9
2004 11 11		00 58.14	+14 26.5	4.084	4.961	149.2	5.9		19.0
2004 11 21		00 54.11	+14 10.5	4.171	4.954	138.4	7.6		19.1
2004 12 01		00 51.34	+13 59.0	4.281	4.946	127.8	9.1		19.2
2004 12 11		00 49.94	+13 53.4	4.408	4.939	117.4	10.2		19.3
2004 12 21		00 49.94	+13 54.8	4.548	4.932	107.3	11.0		19.4
2004 12 31		00 51.30	+14 03.5	4.696	4.924	97.6	11.4		19.5
2005 01 10		00 53.94	+14 19.5	4.848	4.917	88.2	11.5		19.6

2005 01 20	00 57.74	+14 42.7	4.998	4.909	79.1	11.4	19.6
2005 01 30	01 02.59	+15 12.4	5.144	4.901	70.3	10.9	19.7
2005 02 09	01 08.36	+15 48.0	5.281	4.893	61.8	10.2	19.7
2005 02 19	01 14.92	+16 28.9	5.407	4.885	53.6	9.4	19.7
2005 03 01	01 22.18	+17 14.2	5.519	4.877	45.6	8.3	19.7
2005 03 11	01 30.01	+18 03.4	5.615	4.868	37.8	7.2	19.7
2005 03 21	01 38.34	+18 55.7	5.694	4.860	30.3	5.9	19.7

C/2000 Y1 (Tubbiolo)

Elements MPC 48380

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04	01 39.24	-30 10.5	10.775	10.861	92.1	5.4	21.8		
2004 07 14	01 38.86	-30 59.5	10.675	10.899	100.1	5.3	21.8		
2004 07 24	01 37.79	-31 52.5	10.583	10.937	107.9	5.1	21.7		
2004 08 03	01 35.99	-32 48.1	10.502	10.976	115.4	4.8	21.7		
2004 08 13	01 33.45	-33 45.2	10.436	11.014	122.5	4.4	21.7		
2004 08 23	01 30.17	-34 42.1	10.390	11.053	128.9	4.1	21.7		
2004 09 02	01 26.21	-35 37.1	10.367	11.091	134.0	3.8	21.7		
2004 09 12	01 21.64	-36 28.6	10.368	11.130	137.5	3.5	21.6		
2004 09 22	01 16.58	-37 14.7	10.395	11.169	138.8	3.4	21.7		
2004 10 02	01 11.19	-37 54.2	10.449	11.208	137.6	3.5	21.7		
2004 10 12	01 05.64	-38 26.0	10.530	11.247	134.1	3.7	21.7		
2004 10 22	01 00.14	-38 49.4	10.635	11.287	128.9	3.9	21.8		
2004 11 01	00 54.88	-39 04.2	10.763	11.326	122.4	4.2	21.8		
2004 11 11	00 50.03	-39 10.6	10.910	11.365	115.1	4.5	21.9		
2004 11 21	00 45.73	-39 09.4	11.072	11.405	107.3	4.7	21.9		
2004 12 01	00 42.10	-39 01.4	11.245	11.445	99.2	4.9	22.0		
2004 12 11	00 39.21	-38 47.8	11.424	11.484	91.1	4.9	22.0		
2004 12 21	00 37.08	-38 29.7	11.604	11.524	82.9	4.9	22.0		
2004 12 31	00 35.72	-38 08.5	11.782	11.564	74.9	4.7	22.1		
2005 01 10	00 35.09	-37 45.3	11.952	11.604	67.1	4.5	22.1		
2005 01 20	00 35.15	-37 21.1	12.110	11.644	59.7	4.2	22.1		
2005 01 30	00 35.81	-36 57.2	12.253	11.684	52.8	3.9	22.1		
2005 02 09	00 37.01	-36 34.4	12.379	11.724	46.7	3.5	22.1		
2005 02 19	00 38.66	-36 13.5	12.484	11.765	41.8	3.2	22.2		
2005 03 01	00 40.68	-35 55.4	12.567	11.805	38.3	3.0	22.2		
2005 03 11	00 42.98	-35 40.6	12.628	11.845	36.6	2.9	22.2		
2005 03 21	00 45.46	-35 29.8	12.665	11.886	37.1	2.9	22.2		
2005 03 31	00 48.05	-35 23.4	12.680	11.927	39.5	3.1	22.2		
2005 04 10	00 50.67	-35 21.9	12.673	11.967	43.6	3.3	22.2		
2005 04 20	00 53.23	-35 25.7	12.645	12.008	48.9	3.6	22.3		
2005 04 30	00 55.65	-35 34.9	12.599	12.049	54.9	3.9	22.3		
2005 05 10	00 57.85	-35 49.8	12.537	12.090	61.6	4.2	22.3		
2005 05 20	00 59.75	-36 10.5	12.462	12.131	68.7	4.5	22.3		
2005 05 30	01 01.28	-36 36.9	12.378	12.172	76.0	4.6	22.3		
2005 06 09	01 02.37	-37 08.7	12.287	12.213	83.4	4.7	22.3		
2005 06 19	01 02.93	-37 45.7	12.194	12.254	91.0	4.8	22.3		
2005 06 29	01 02.91	-38 27.1	12.104	12.295	98.5	4.7	22.3		

C/2004 H6 (SWAN)

Elements MPC 52318

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 04	01 44.24	-12 59.0	0.835	1.243	83.7	54.4	8.1		
2004 07 14	00 44.62	-12 19.6	0.693	1.378	105.9	45.2	8.1		
2004 07 24	23 17.55	-10 32.4	0.617	1.516	135.0	28.3	8.3		
2004 08 03	21 41.27	-07 20.1	0.654	1.654	164.6	9.4	8.8		

2004 08 13	20 27.94	-04 18.0	0.802	1.792	161.2	10.5	9.6
2004 08 23	19 43.30	-02 22.9	1.023	1.928	142.8	18.5	10.4
2004 09 02	19 18.15	-01 19.1	1.282	2.062	128.0	22.7	11.2
2004 09 12	19 04.62	-00 43.9	1.562	2.195	115.8	24.4	11.9
2004 09 22	18 58.19	-00 22.7	1.852	2.327	105.2	24.6	12.5
2004 10 02	18 56.29	-00 07.3	2.145	2.456	95.7	23.9	13.1
2004 10 12	18 57.41	+00 06.8	2.437	2.583	86.9	22.7	13.6
2004 10 22	19 00.62	+00 22.4	2.724	2.709	78.6	21.1	14.0
2004 11 01	19 05.30	+00 41.4	3.002	2.833	70.7	19.3	14.4
2004 11 11	19 11.03	+01 04.9	3.268	2.956	63.1	17.4	14.8
2004 11 21	19 17.51	+01 33.6	3.520	3.076	55.9	15.4	15.1
2004 12 01	19 24.47	+02 08.0	3.755	3.196	49.0	13.5	15.4
2004 12 11	19 31.75	+02 48.5	3.972	3.313	42.5	11.6	15.7
2004 12 21	19 39.17	+03 35.3	4.168	3.430	36.7	9.9	16.0
2004 12 31	19 46.58	+04 28.5	4.342	3.545	31.8	8.4	16.2

39P/Oterma

Elements MPC 43334

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 14	05 16.28	+24 43.0	6.672	5.832	31.8	5.3	20.6	22.4	
2004 07 24	05 24.34	+24 51.6	6.592	5.844	39.5	6.3	20.6	22.4	
2004 08 03	05 31.92	+24 58.7	6.496	5.856	47.3	7.3	20.6	22.4	
2004 08 13	05 38.94	+25 04.4	6.385	5.868	55.3	8.2	20.6	22.4	
2004 08 23	05 45.28	+25 08.9	6.262	5.880	63.5	8.9	20.5	22.4	
2004 09 02	05 50.82	+25 12.6	6.128	5.893	71.9	9.4	20.5	22.4	
2004 09 12	05 55.47	+25 15.7	5.987	5.905	80.5	9.7	20.5	22.4	
2004 09 22	05 59.10	+25 18.4	5.841	5.918	89.5	9.8	20.4	22.3	
2004 10 02	06 01.63	+25 21.0	5.696	5.931	98.7	9.6	20.4	22.3	
2004 10 12	06 02.97	+25 23.5	5.555	5.944	108.3	9.2	20.3	22.2	
2004 10 22	06 03.05	+25 26.1	5.422	5.957	118.2	8.5	20.3	22.1	
2004 11 01	06 01.90	+25 28.6	5.302	5.970	128.4	7.5	20.3	22.0	
2004 11 11	05 59.55	+25 30.6	5.201	5.983	138.9	6.2	20.2	21.9	
2004 11 21	05 56.14	+25 32.0	5.122	5.996	149.8	4.8	20.2	21.8	
2004 12 01	05 51.89	+25 32.3	5.070	6.010	160.8	3.1	20.2	21.7	
2004 12 11	05 47.08	+25 31.3	5.047	6.023	171.9	1.3	20.2	21.6	
2004 12 21	05 42.05	+25 28.8	5.055	6.037	176.0	0.7	20.2	21.5	
2004 12 31	05 37.16	+25 25.1	5.095	6.051	165.1	2.4	20.3	21.7	
2005 01 10	05 32.77	+25 20.3	5.165	6.065	154.0	4.1	20.3	21.8	
2005 01 20	05 29.16	+25 15.1	5.264	6.078	143.0	5.6	20.4	22.0	
2005 01 30	05 26.56	+25 09.9	5.386	6.093	132.3	6.9	20.4	22.1	
2005 02 09	05 25.12	+25 05.3	5.529	6.107	121.8	7.9	20.5	22.2	
2005 02 19	05 24.89	+25 01.5	5.687	6.121	111.7	8.6	20.6	22.3	
2005 03 01	05 25.89	+24 58.7	5.855	6.135	101.8	9.1	20.7	22.4	
2005 03 11	05 28.05	+24 56.8	6.029	6.150	92.3	9.3	20.7	22.5	
2005 03 21	05 31.30	+24 55.8	6.204	6.164	83.1	9.2	20.8	22.5	

C/2001 Q4 (NEAT)

Elements MPC 52163

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 24	11 05.84	+58 31.5	1.949	1.503	49.5	30.9	6.7		
2004 08 03	11 23.83	+59 46.1	2.074	1.623	50.2	28.7	7.2		
2004 08 13	11 43.94	+61 00.2	2.175	1.746	52.1	27.3	7.6		
2004 08 23	12 06.65	+62 17.0	2.255	1.870	55.1	26.3	8.0		
2004 09 02	12 32.51	+63 37.6	2.317	1.994	58.9	25.7	8.3		
2004 09 12	13 02.26	+65 01.6	2.366	2.118	63.5	25.2	8.6		
2004 09 22	13 36.80	+66 26.4	2.406	2.241	68.5	24.6	8.9		

2004 10 02	14 17.01	+67 47.0	2.441	2.363	73.7	24.0	9.2
2004 10 12	15 03.56	+68 54.9	2.477	2.485	78.9	23.2	9.4
2004 10 22	15 56.24	+69 39.9	2.518	2.605	83.8	22.3	9.7
2004 11 01	16 53.20	+69 51.7	2.570	2.724	88.1	21.4	9.9
2004 11 11	17 51.09	+69 24.1	2.636	2.842	91.6	20.4	10.1
2004 11 21	18 46.19	+68 19.0	2.721	2.959	94.0	19.5	10.4
2004 12 01	19 35.90	+66 45.0	2.825	3.075	95.1	18.6	10.6
2004 12 11	20 19.40	+64 54.0	2.951	3.189	94.9	17.9	10.9
2004 12 21	20 57.07	+62 57.8	3.095	3.303	93.4	17.3	11.1
2004 12 31	21 29.78	+61 05.4	3.258	3.415	90.7	16.7	11.4
2005 01 10	21 58.48	+59 23.0	3.434	3.526	87.2	16.2	11.7
2005 01 20	22 23.99	+57 54.3	3.623	3.636	83.0	15.6	11.9
2005 01 30	22 46.97	+56 41.0	3.818	3.745	78.3	14.9	12.1
2005 02 09	23 07.92	+55 43.1	4.018	3.853	73.4	14.2	12.4
2005 02 19	23 27.21	+55 00.3	4.217	3.960	68.3	13.4	12.6
2005 03 01	23 45.11	+54 31.4	4.413	4.066	63.3	12.6	12.8
2005 03 11	00 01.83	+54 15.1	4.602	4.171	58.5	11.7	13.0
2005 03 21	00 17.52	+54 10.0	4.782	4.275	54.1	10.9	13.2

124P/Mrkos

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 24		00 01.23	−12 25.0	3.945	4.607	125.3	10.4	21.5	22.5
2004 08 03		23 57.30	−12 45.6	3.849	4.628	135.5	8.8	21.4	22.4
2004 08 13		23 51.96	−13 10.6	3.774	4.649	146.0	7.0	21.4	22.2
2004 08 23		23 45.42	−13 37.7	3.725	4.668	156.4	5.0	21.4	22.1
2004 09 02		23 38.01	−14 04.0	3.703	4.688	165.7	3.0	21.4	22.0
2004 09 12		23 30.13	−14 26.9	3.713	4.706	169.5	2.2	21.4	22.0
2004 09 22		23 22.26	−14 43.7	3.754	4.724	163.2	3.5	21.4	22.1
2004 10 02		23 14.89	−14 52.7	3.826	4.741	153.2	5.5	21.5	22.2
2004 10 12		23 08.43	−14 52.8	3.927	4.758	142.5	7.3	21.6	22.4
2004 10 22		23 03.19	−14 43.8	4.052	4.773	131.8	8.9	21.6	22.5

111P/Helin-Roman-Crockett

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 24	05 46.12	+22 31.7	4.303	3.514	34.6	9.4	19.1	22.5	
2004 08 03	05 59.50	+22 38.6	4.211	3.509	41.1	10.9	19.0	22.5	
2004 08 13	06 12.42	+22 41.5	4.106	3.505	47.7	12.3	19.0	22.5	
2004 08 23	06 24.78	+22 40.9	3.990	3.500	54.4	13.6	18.9	22.5	
2004 09 02	06 36.41	+22 37.6	3.865	3.496	61.4	14.7	18.8	22.5	
2004 09 12	06 47.20	+22 32.2	3.731	3.493	68.6	15.6	18.7	22.4	
2004 09 22	06 56.97	+22 25.9	3.591	3.489	76.1	16.2	18.6	22.4	
2004 10 02	07 05.53	+22 19.7	3.446	3.486	84.0	16.6	18.5	22.3	
2004 10 12	07 12.72	+22 14.8	3.300	3.483	92.2	16.6	18.4	22.2	
2004 10 22	07 18.30	+22 12.3	3.154	3.481	100.8	16.3	18.3	22.1	
2004 11 01	07 22.08	+22 13.4	3.013	3.479	109.9	15.6	18.2	22.0	
2004 11 11	07 23.89	+22 18.9	2.881	3.477	119.5	14.3	18.1	21.8	
2004 11 21	07 23.58	+22 29.4	2.760	3.476	129.7	12.6	18.0	21.7	
2004 12 01	07 21.15	+22 44.6	2.657	3.475	140.4	10.4	17.9	21.5	
2004 12 11	07 16.72	+23 03.8	2.576	3.474	151.6	7.7	17.9	21.3	
2004 12 21	07 10.62	+23 25.4	2.520	3.473	163.2	4.7	17.8	21.1	
2004 12 31	07 03.43	+23 47.4	2.493	3.473	175.0	1.4	17.8	20.9	
2005 01 10	06 55.86	+24 07.8	2.496	3.474	172.8	2.0	17.8	20.9	
2005 01 20	06 48.72	+24 25.3	2.529	3.474	161.1	5.3	17.8	21.2	
2005 01 30	06 42.75	+24 39.0	2.590	3.475	149.5	8.3	17.9	21.3	

2005 02 09	06 38.49	+24 49.1	2.676	3.477	138.4	10.9	18.0	21.5
2005 02 19	06 36.30	+24 55.7	2.783	3.478	127.8	13.0	18.1	21.7
2005 03 01	06 36.30	+24 59.4	2.906	3.480	117.8	14.6	18.1	21.8
2005 03 11	06 38.44	+25 00.4	3.041	3.483	108.3	15.7	18.3	22.0
2005 03 21	06 42.61	+24 58.7	3.184	3.485	99.2	16.4	18.4	22.1
2005 03 31	06 48.57	+24 54.2	3.330	3.488	90.7	16.6	18.5	22.2
2005 04 10	06 56.11	+24 46.6	3.477	3.492	82.6	16.5	18.6	22.3
2005 04 20	07 05.01	+24 35.4	3.621	3.495	74.8	16.1	18.7	22.4
2005 04 30	07 15.03	+24 20.3	3.761	3.499	67.4	15.4	18.8	22.4
2005 05 10	07 26.00	+24 01.1	3.894	3.504	60.2	14.5	18.8	22.5
2005 05 20	07 37.72	+23 37.4	4.018	3.508	53.3	13.4	18.9	22.5
2005 05 30	07 50.04	+23 09.1	4.132	3.513	46.6	12.1	19.0	22.5
2005 06 09	08 02.82	+22 36.1	4.235	3.518	40.0	10.7	19.1	22.5
2005 06 19	08 15.95	+21 58.5	4.326	3.524	33.6	9.2	19.1	22.5

P/2003 SQ₂₁₅ (NEAT-LONEOS)

Elements MPC 50916

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 07 24	05 52.06	+23 35.3	3.315	2.527	33.2	12.7		19.4	
2004 08 03	06 11.26	+23 21.6	3.279	2.562	38.4	14.2		19.4	
2004 08 13	06 29.56	+22 59.4	3.235	2.599	43.7	15.6		19.5	
2004 08 23	06 46.85	+22 29.9	3.182	2.638	49.3	16.9		19.5	
2004 09 02	07 02.97	+21 54.4	3.122	2.678	55.2	18.0		19.5	
2004 09 12	07 17.83	+21 14.3	3.053	2.720	61.4	19.0		19.6	
2004 09 22	07 31.28	+20 31.3	2.978	2.763	68.0	19.7		19.6	
2004 10 02	07 43.16	+19 46.8	2.896	2.807	74.9	20.1		19.6	
2004 10 12	07 53.33	+19 02.5	2.810	2.853	82.3	20.3		19.5	
2004 10 22	08 01.60	+18 20.1	2.721	2.899	90.1	20.1		19.5	
2004 11 01	08 07.80	+17 41.3	2.631	2.947	98.5	19.5		19.4	
2004 11 11	08 11.77	+17 07.6	2.544	2.995	107.5	18.4		19.4	
2004 11 21	08 13.37	+16 40.4	2.464	3.044	117.1	16.8		19.3	
2004 12 01	08 12.55	+16 20.6	2.395	3.093	127.3	14.7		19.2	
2004 12 11	08 09.39	+16 08.8	2.341	3.144	138.1	12.1		19.1	
2004 12 21	08 04.16	+16 04.6	2.308	3.194	149.3	9.0		18.9	
2004 12 31	07 57.37	+16 07.0	2.300	3.245	160.9	5.7		18.8	
2005 01 10	07 49.69	+16 14.4	2.320	3.296	171.9	2.4		18.7	
2005 01 20	07 41.93	+16 25.0	2.370	3.348	172.7	2.2		18.7	
2005 01 30	07 34.89	+16 36.9	2.450	3.400	162.0	5.1		19.0	
2005 02 09	07 29.20	+16 48.5	2.557	3.452	150.7	8.0		19.3	
2005 02 19	07 25.30	+16 58.7	2.691	3.504	139.8	10.5		19.5	
2005 03 01	07 23.40	+17 06.8	2.845	3.556	129.4	12.4		19.8	
2005 03 11	07 23.50	+17 12.1	3.016	3.609	119.4	13.9		20.0	
2005 03 21	07 25.49	+17 14.2	3.199	3.661	110.0	14.8		20.2	
2005 03 31	07 29.19	+17 12.7	3.391	3.714	101.0	15.3		20.3	
2005 04 10	07 34.37	+17 07.2	3.588	3.766	92.4	15.4		20.5	
2005 04 20	07 40.81	+16 57.7	3.787	3.818	84.2	15.2		20.6	
2005 04 30	07 48.28	+16 43.8	3.983	3.870	76.3	14.6		20.8	
2005 05 10	07 56.60	+16 25.6	4.176	3.922	68.6	13.9		20.9	
2005 05 20	08 05.59	+16 03.1	4.361	3.974	61.2	12.9		21.0	
2005 05 30	08 15.08	+15 36.3	4.538	4.026	53.9	11.7		21.0	
2005 06 09	08 24.95	+15 05.3	4.704	4.077	46.8	10.5		21.1	
2005 06 19	08 35.09	+14 30.4	4.857	4.129	39.8	9.1		21.1	
2005 06 29	08 45.38	+13 51.9	4.996	4.180	32.9	7.6		21.1	

P/2003 S1 (NEAT)

		Elements MPC 50355							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 13		07 08.42	+19 57.2	3.541	2.766	34.5	12.0	18.7	
2004 08 23		07 25.09	+19 12.1	3.486	2.790	40.2	13.5	18.7	
2004 09 02		07 40.92	+18 21.6	3.422	2.816	46.0	14.9	18.7	
2004 09 12		07 55.83	+17 26.7	3.348	2.842	52.0	16.2	18.7	
2004 09 22		08 09.68	+16 28.6	3.266	2.870	58.3	17.3	18.6	
2004 10 02		08 22.37	+15 28.8	3.177	2.898	64.9	18.2	18.6	
2004 10 12		08 33.78	+14 28.6	3.080	2.928	71.9	18.9	18.6	
2004 10 22		08 43.75	+13 29.5	2.979	2.958	79.2	19.3	18.6	
2004 11 01		08 52.11	+12 33.1	2.874	2.989	86.9	19.4	18.5	
2004 11 11		08 58.71	+11 41.3	2.768	3.022	95.1	19.0	18.5	
2004 11 21		09 03.34	+10 55.7	2.664	3.055	103.8	18.3	18.5	
2004 12 01		09 05.88	+10 18.1	2.565	3.088	113.1	17.1	18.4	
2004 12 11		09 06.21	+09 50.0	2.476	3.122	122.9	15.3	18.4	
2004 12 21		09 04.31	+09 32.8	2.400	3.157	133.3	13.1	18.4	
2004 12 31		09 00.36	+09 27.0	2.343	3.192	144.2	10.4	18.4	
2005 01 10		08 54.70	+09 32.3	2.309	3.228	155.3	7.3	18.4	
2005 01 20		08 47.86	+09 47.4	2.301	3.264	166.0	4.2	18.4	
2005 01 30		08 40.58	+10 09.8	2.322	3.301	172.1	2.4	18.5	
2005 02 09		08 33.62	+10 36.6	2.374	3.338	165.5	4.2	18.6	
2005 02 19		08 27.68	+11 04.7	2.453	3.375	155.0	7.1	18.7	
2005 03 01		08 23.30	+11 31.3	2.559	3.413	144.2	9.8	18.9	
2005 03 11		08 20.77	+11 54.3	2.688	3.450	133.7	12.0	19.0	

36P/Whipple

		Elements MPC 40670							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 13		07 09.87	+14 18.7	4.411	3.620	34.3	9.1	20.1	21.6
2004 08 23		07 21.73	+13 47.0	4.346	3.641	40.8	10.5	20.1	21.7
2004 09 02		07 32.91	+13 11.8	4.268	3.663	47.5	11.7	20.1	21.7
2004 09 12		07 43.31	+12 33.9	4.177	3.685	54.5	12.8	20.1	21.7
2004 09 22		07 52.81	+11 54.0	4.076	3.707	61.7	13.8	20.1	21.7
2004 10 02		08 01.28	+11 13.4	3.965	3.730	69.3	14.5	20.1	21.7
2004 10 12		08 08.60	+10 32.9	3.846	3.752	77.1	15.0	20.0	21.6
2004 10 22		08 14.61	+09 53.9	3.723	3.774	85.3	15.2	20.0	21.6
2004 11 01		08 19.18	+09 17.7	3.598	3.797	93.9	15.1	20.0	21.5
2004 11 11		08 22.15	+08 45.8	3.474	3.819	102.9	14.6	19.9	21.4
2004 11 21		08 23.42	+08 19.8	3.355	3.842	112.4	13.8	19.9	21.3
2004 12 01		08 22.91	+08 00.9	3.247	3.864	122.3	12.5	19.9	21.2
2004 12 11		08 20.64	+07 50.6	3.152	3.887	132.6	10.8	19.8	21.1
2004 12 21		08 16.73	+07 49.7	3.077	3.909	143.2	8.7	19.8	21.0
2004 12 31		08 11.46	+07 58.5	3.026	3.932	153.7	6.4	19.8	20.9
2005 01 10		08 05.23	+08 16.5	3.002	3.955	163.3	4.1	19.8	20.7
2005 01 20		07 58.59	+08 42.5	3.008	3.977	168.3	2.9	19.9	20.7
2005 01 30		07 52.12	+09 14.4	3.045	4.000	163.5	4.0	19.9	20.8
2005 02 09		07 46.37	+09 49.9	3.111	4.022	154.1	6.2	20.0	21.0
2005 02 19		07 41.81	+10 26.6	3.205	4.044	143.7	8.3	20.1	21.1
2005 03 01		07 38.77	+11 02.4	3.323	4.067	133.3	10.2	20.2	21.3
2005 03 11		07 37.38	+11 35.6	3.459	4.089	123.2	11.7	20.4	21.5
2005 03 21		07 37.71	+12 04.8	3.612	4.111	113.5	12.8	20.5	21.6
2005 03 31		07 39.68	+12 29.2	3.774	4.133	104.1	13.6	20.6	21.7
2005 04 10		07 43.15	+12 48.3	3.943	4.155	95.2	13.9	20.8	21.9
2005 04 20		07 47.98	+13 01.6	4.114	4.177	86.6	13.9	20.9	22.0

2005 04 30	07 53.98	+13 09.1	4.284	4.198	78.4	13.6	21.0	22.1
2005 05 10	08 00.98	+13 10.6	4.450	4.220	70.4	13.0	21.1	22.1
2005 05 20	08 08.83	+13 06.3	4.608	4.241	62.7	12.2	21.2	22.2
2005 05 30	08 17.35	+12 56.4	4.758	4.262	55.2	11.3	21.3	22.2
2005 06 09	08 26.43	+12 41.0	4.897	4.284	47.9	10.1	21.4	22.3
2005 06 19	08 35.93	+12 20.5	5.022	4.305	40.8	8.9	21.5	22.3
2005 06 29	08 45.75	+11 55.0	5.133	4.325	33.8	7.5	21.6	22.3

28P/Neujmin

		Elements MPC 34424							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 13		07 36.35	+32 38.7	6.379	5.543	31.8	5.5	23.7	20.2
2004 08 23		07 44.19	+32 28.7	6.350	5.604	39.3	6.6	23.7	20.3
2004 09 02		07 51.38	+32 20.8	6.303	5.665	47.1	7.5	23.8	20.3
2004 09 12		07 57.83	+32 15.7	6.239	5.725	55.2	8.3	23.8	20.3
2004 09 22		08 03.43	+32 13.9	6.161	5.784	63.6	8.9	23.9	20.4
2004 10 02		08 08.07	+32 15.7	6.071	5.843	72.2	9.4	23.9	20.4
2004 10 12		08 11.66	+32 21.5	5.972	5.902	81.2	9.6	23.9	20.4
2004 10 22		08 14.06	+32 31.6	5.869	5.960	90.4	9.6	24.0	20.4
2004 11 01		08 15.20	+32 45.9	5.766	6.018	100.0	9.3	24.0	20.3
2004 11 11		08 15.00	+33 04.1	5.668	6.075	109.8	8.8	24.0	20.3
2004 11 21		08 13.41	+33 25.3	5.579	6.132	119.9	8.0	24.0	20.2
2004 12 01		08 10.46	+33 48.5	5.505	6.188	130.3	7.0	24.1	20.2
2004 12 11		08 06.24	+34 12.1	5.451	6.244	140.7	5.7	24.1	20.1
2004 12 21		08 00.93	+34 34.3	5.421	6.299	150.9	4.4	24.2	20.1
2004 12 31		07 54.82	+34 53.4	5.421	6.355	160.2	3.0	24.2	20.0
2005 01 10		07 48.24	+35 07.7	5.451	6.409	166.0	2.1	24.3	20.0
2005 01 20		07 41.60	+35 16.1	5.513	6.463	163.8	2.4	24.4	20.0
2005 01 30		07 35.30	+35 18.3	5.606	6.517	155.8	3.6	24.5	20.2
2005 02 09		07 29.69	+35 14.4	5.730	6.571	146.0	4.8	24.6	20.3
2005 02 19		07 25.06	+35 04.9	5.879	6.624	135.8	6.0	24.7	20.4
2005 03 01		07 21.60	+34 51.0	6.051	6.676	125.6	6.9	24.8	20.5
2005 03 11		07 19.39	+34 33.7	6.240	6.729	115.5	7.7	24.9	20.7
2005 03 21		07 18.45	+34 13.8	6.443	6.781	105.7	8.1	25.0	20.8
2005 03 31		07 18.74	+33 52.3	6.652	6.832	96.2	8.4	25.1	20.9
2005 04 10		07 20.17	+33 29.8	6.865	6.883	86.8	8.4	25.3	21.0
2005 04 20		07 22.63	+33 06.6	7.076	6.934	77.8	8.1	25.4	21.0
2005 04 30		07 25.98	+32 43.2	7.282	6.984	69.0	7.7	25.5	21.1
2005 05 10		07 30.11	+32 19.7	7.478	7.034	60.4	7.2	25.6	21.1
2005 05 20		07 34.88	+31 56.1	7.662	7.084	52.0	6.5	25.7	21.2
2005 05 30		07 40.17	+31 32.7	7.830	7.133	43.8	5.6	25.8	21.2
2005 06 09		07 45.88	+31 09.5	7.981	7.182	35.8	4.7	25.9	21.2

C/2003 H1 (LINEAR)

		Elements MPC 51182							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 13		08 25.91	-11 41.9	3.777	2.955	31.0	10.2	14.1	
2004 08 23		08 27.40	-12 46.7	3.799	3.025	34.9	11.0	14.2	
2004 09 02		08 28.17	-14 01.0	3.795	3.097	40.5	12.2	14.3	
2004 09 12		08 27.97	-15 24.3	3.768	3.171	47.2	13.5	14.4	
2004 09 22		08 26.52	-16 56.1	3.721	3.245	54.7	14.6	14.5	
2004 10 02		08 23.50	-18 35.4	3.657	3.321	62.8	15.5	14.5	
2004 10 12		08 18.57	-20 20.7	3.582	3.398	71.4	16.2	14.6	
2004 10 22		08 11.37	-22 09.3	3.500	3.475	80.4	16.4	14.6	
2004 11 01		08 01.53	-23 57.2	3.419	3.553	89.6	16.2	14.7	
2004 11 11		07 48.82	-25 38.9	3.346	3.632	98.8	15.6	14.7	

2004 11 21	07 33.15	−27 06.8	3.288	3.711	107.8	14.7	14.8
2004 12 01	07 14.81	−28 12.5	3.253	3.791	116.0	13.5	14.8
2004 12 11	06 54.47	−28 48.0	3.249	3.871	122.7	12.4	14.9
2004 12 21	06 33.24	−28 47.9	3.280	3.951	127.1	11.5	15.0
2004 12 31	06 12.43	−28 11.5	3.349	4.032	128.2	11.0	15.2
2005 01 10	05 53.26	−27 03.2	3.455	4.113	126.1	11.1	15.3
2005 01 20	05 36.61	−25 30.6	3.597	4.194	121.3	11.6	15.5
2005 01 30	05 22.93	−23 42.9	3.769	4.275	114.6	12.1	15.7
2005 02 09	05 12.27	−21 48.3	3.965	4.356	106.9	12.5	15.9
2005 02 19	05 04.43	−19 53.5	4.179	4.437	98.7	12.7	16.1
2005 03 01	04 59.10	−18 03.1	4.403	4.518	90.3	12.7	16.3
2005 03 11	04 55.90	−16 19.9	4.631	4.599	82.0	12.4	16.5
2005 03 21	04 54.48	−14 45.8	4.859	4.681	73.9	11.8	16.6
2005 03 31	04 54.51	−13 21.5	5.080	4.762	66.0	11.1	16.8
2005 04 10	04 55.71	−12 07.2	5.290	4.843	58.5	10.2	17.0
2005 04 20	04 57.82	−11 03.1	5.486	4.924	51.5	9.2	17.1
2005 04 30	05 00.62	−10 08.8	5.665	5.004	45.0	8.2	17.3
2005 05 10	05 03.93	−09 24.1	5.825	5.085	39.4	7.2	17.4

P/2004 H2 (Larsen)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 23		16 10.26	−11 24.2	2.472	2.712	92.6	21.9	19.8	
2004 09 02		16 20.93	−12 43.4	2.612	2.730	85.8	21.6	19.9	
2004 09 12		16 32.93	−13 58.1	2.753	2.750	79.3	21.1	20.1	
2004 09 22		16 46.09	−15 07.2	2.895	2.771	72.9	20.3	20.2	
2004 10 02		17 00.24	−16 09.6	3.035	2.794	66.7	19.2	20.4	
2004 10 12		17 15.22	−17 04.5	3.172	2.817	60.5	18.0	20.5	
2004 10 22		17 30.92	−17 51.2	3.305	2.842	54.4	16.5	20.6	
2004 11 01		17 47.17	−18 29.3	3.431	2.868	48.3	15.0	20.8	
2004 11 11		18 03.86	−18 58.5	3.551	2.896	42.2	13.3	20.9	
2004 11 21		18 20.86	−19 18.6	3.662	2.924	36.2	11.5	21.0	
2004 12 01		18 38.05	−19 29.7	3.764	2.953	30.1	9.6	21.1	

P/1998 X1 (ODAS)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 23		23 27.20	−04 08.4	1.778	2.747	159.3	7.5	18.1	
2004 09 02		23 20.51	−04 46.8	1.702	2.702	170.7	3.4	18.0	
2004 09 12		23 12.72	−05 31.1	1.652	2.657	177.4	1.0	17.8	
2004 09 22		23 04.69	−06 15.6	1.629	2.613	165.6	5.5	17.7	
2004 10 02		22 57.45	−06 54.2	1.632	2.569	153.9	9.9	17.7	
2004 10 12		22 51.89	−07 21.9	1.659	2.525	142.5	13.9	17.6	
2004 10 22		22 48.67	−07 35.3	1.705	2.482	131.8	17.4	17.6	
2004 11 01		22 48.18	−07 32.4	1.767	2.440	121.7	20.2	17.6	
2004 11 11		22 50.47	−07 13.0	1.840	2.399	112.3	22.4	17.6	
2004 11 21		22 55.46	−06 37.5	1.921	2.358	103.6	24.0	17.6	
2004 12 01		23 02.92	−05 46.8	2.006	2.319	95.6	25.0	17.7	
2004 12 11		23 12.57	−04 42.1	2.092	2.281	88.0	25.6	17.7	
2004 12 21		23 24.16	−03 24.7	2.177	2.245	81.0	25.7	17.7	
2004 12 31		23 37.43	−01 56.0	2.260	2.210	74.5	25.4	17.7	
2005 01 10		23 52.16	−00 17.3	2.339	2.177	68.3	24.8	17.7	
2005 01 20		00 08.20	+01 29.9	2.414	2.146	62.5	24.0	17.7	
2005 01 30		00 25.39	+03 23.8	2.485	2.117	57.0	23.0	17.7	
2005 02 09		00 43.63	+05 23.0	2.550	2.090	51.9	21.8	17.7	
2005 02 19		01 02.85	+07 25.5	2.611	2.066	47.0	20.5	17.7	

2005 03 01	01 22.98	+09 29.4	2.666	2.045	42.3	19.0	17.7
2005 03 11	01 43.98	+11 32.8	2.718	2.027	37.8	17.5	17.7
2005 03 21	02 05.82	+13 33.6	2.764	2.011	33.6	15.9	17.7

C/2002 B3 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 23		07 45.61	+11 27.2	9.617	8.809	35.1	3.8	21.4	22.0
2004 09 02		07 48.81	+10 47.9	9.558	8.855	43.6	4.5	21.4	22.0
2004 09 12		07 51.55	+10 08.0	9.480	8.901	52.4	5.1	21.4	22.1
2004 09 22		07 53.76	+09 27.6	9.386	8.947	61.3	5.6	21.4	22.1
2004 10 02		07 55.36	+08 47.1	9.280	8.993	70.4	6.0	21.4	22.1
2004 10 12		07 56.31	+08 06.9	9.165	9.040	79.7	6.2	21.4	22.1
2004 10 22		07 56.54	+07 27.5	9.046	9.086	89.2	6.3	21.4	22.1
2004 11 01		07 56.03	+06 49.2	8.927	9.133	98.9	6.2	21.4	22.0
2004 11 11		07 54.75	+06 12.6	8.814	9.180	108.7	5.9	21.4	22.0
2004 11 21		07 52.72	+05 38.2	8.711	9.227	118.7	5.4	21.4	22.0
2004 12 01		07 49.98	+05 06.7	8.625	9.274	128.8	4.8	21.4	21.9
2004 12 11		07 46.62	+04 38.3	8.559	9.321	138.7	4.0	21.4	21.9
2004 12 21		07 42.75	+04 13.6	8.518	9.368	148.1	3.2	21.4	21.8
2004 12 31		07 38.53	+03 52.8	8.506	9.416	156.4	2.4	21.4	21.8
2005 01 10		07 34.12	+03 36.0	8.525	9.463	161.5	1.9	21.4	21.8
2005 01 20		07 29.73	+03 23.1	8.576	9.511	160.7	2.0	21.4	21.8
2005 01 30		07 25.54	+03 13.9	8.658	9.558	154.7	2.5	21.5	21.9
2005 02 09		07 21.71	+03 07.8	8.771	9.606	146.2	3.3	21.5	22.0
2005 02 19		07 18.39	+03 04.3	8.910	9.654	136.7	4.0	21.6	22.0
2005 03 01		07 15.70	+03 02.6	9.072	9.702	127.0	4.7	21.7	22.1
2005 03 11		07 13.69	+03 02.2	9.253	9.749	117.3	5.2	21.7	22.2
2005 03 21		07 12.41	+03 02.2	9.449	9.797	107.7	5.6	21.8	22.3
2005 03 31		07 11.85	+03 02.0	9.653	9.846	98.2	5.8	21.9	22.3
2005 04 10		07 11.99	+03 01.0	9.861	9.894	89.0	5.8	21.9	22.4
2005 04 20		07 12.80	+02 58.7	10.068	9.942	79.9	5.7	22.0	22.5
2005 04 30		07 14.20	+02 54.6	10.270	9.990	71.2	5.5	22.1	22.5
2005 05 10		07 16.13	+02 48.4	10.463	10.039	62.6	5.1	22.1	22.5

121P/Shoemaker-Holt

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 23		07 51.16	+21 51.6	3.419	2.649	34.5	12.5	17.6	22.5
2004 09 02		08 09.46	+21 39.9	3.341	2.648	40.0	14.2	17.6	22.5
2004 09 12		08 27.33	+21 24.6	3.254	2.649	45.6	15.8	17.5	22.5
2004 09 22		08 44.70	+21 07.3	3.159	2.651	51.4	17.2	17.5	22.5
2004 10 02		09 01.44	+20 49.5	3.057	2.655	57.4	18.5	17.4	22.5
2004 10 12		09 17.46	+20 33.3	2.949	2.660	63.6	19.6	17.3	22.5
2004 10 22		09 32.63	+20 20.7	2.836	2.666	70.0	20.5	17.3	22.4
2004 11 01		09 46.82	+20 14.1	2.719	2.674	76.8	21.2	17.2	22.3
2004 11 11		09 59.85	+20 15.9	2.601	2.683	83.9	21.5	17.1	22.3
2004 11 21		10 11.54	+20 28.7	2.481	2.693	91.4	21.5	17.1	22.2
2004 12 01		10 21.66	+20 54.9	2.364	2.705	99.3	21.1	17.0	22.1
2004 12 11		10 29.97	+21 36.5	2.252	2.718	107.7	20.2	16.9	21.9
2004 12 21		10 36.19	+22 35.0	2.147	2.732	116.5	18.8	16.9	21.8
2004 12 31		10 40.07	+23 50.4	2.055	2.748	125.8	16.9	16.8	21.7
2005 01 10		10 41.41	+25 20.6	1.977	2.764	135.3	14.5	16.8	21.5
2005 01 20		10 40.14	+27 01.2	1.920	2.782	144.7	11.8	16.8	21.4
2005 01 30		10 36.46	+28 44.9	1.885	2.800	153.3	9.1	16.8	21.2
2005 02 09		10 30.80	+30 22.8	1.876	2.820	159.1	7.2	16.9	21.1

Elements MPC 42667

M.P.C. 52332

2005 02 19	10 23.96	+31 45.8	1.894	2.841	159.3	7.1	17.0	21.2
2005 03 01	10 16.93	+32 46.8	1.939	2.862	153.9	8.8	17.1	21.3
2005 03 11	10 10.70	+33 22.4	2.009	2.885	145.7	11.2	17.2	21.5
2005 03 21	10 06.08	+33 32.5	2.101	2.908	136.8	13.6	17.4	21.7
2005 03 31	10 03.61	+33 19.7	2.211	2.932	127.8	15.6	17.6	21.9
2005 04 10	10 03.46	+32 47.8	2.337	2.956	119.1	17.2	17.8	22.1
2005 04 20	10 05.59	+32 00.5	2.474	2.982	110.7	18.4	18.0	22.3
2005 04 30	10 09.80	+31 01.2	2.619	3.008	102.8	19.1	18.2	22.5

P/2004 HC₁₈ (LINEAR)

			Elements MPC 52319					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2004 09 02		16 53.49	+04 33.6	1.525	1.848	91.4	33.1	20.1
2004 09 12		17 13.18	+03 20.5	1.633	1.884	87.7	32.3	20.3
2004 09 22		17 33.57	+02 11.7	1.747	1.923	84.1	31.3	20.5
2004 10 02		17 54.46	+01 10.6	1.866	1.964	80.4	30.2	20.6
2004 10 12		18 15.69	+00 19.2	1.989	2.008	76.6	28.9	20.8
2004 10 22		18 37.13	−00 20.7	2.117	2.054	72.7	27.6	20.9
2004 11 01		18 58.62	−00 48.1	2.248	2.102	68.7	26.1	21.1
2004 11 11		19 20.03	−01 02.6	2.383	2.152	64.5	24.5	21.2
2004 11 21		19 41.27	−01 04.3	2.519	2.202	60.2	22.9	21.3
2004 12 01		20 02.23	−00 53.4	2.656	2.254	55.8	21.2	21.4
2004 12 11		20 22.83	−00 30.8	2.792	2.307	51.2	19.4	21.5
2004 12 21		20 43.02	+00 02.7	2.926	2.360	46.5	17.6	21.6
2004 12 31		21 02.74	+00 46.0	3.057	2.414	41.8	15.7	21.7
2005 01 10		21 21.98	+01 37.7	3.182	2.468	36.9	13.9	21.8
2005 01 20		21 40.70	+02 36.9	3.302	2.523	32.1	12.0	21.8

62P/Tsuchinshan

			Elements MPC 42667					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2004 09 02		06 13.91	+17 50.2	1.942	1.798	66.6	31.0	15.8 22.5
2004 09 12		06 41.33	+18 01.6	1.815	1.744	69.7	32.8	15.3 22.4
2004 09 22		07 09.62	+18 00.4	1.695	1.694	72.7	34.5	14.9 22.2
2004 10 02		07 38.68	+17 46.7	1.581	1.648	75.6	36.0	14.4 22.1
2004 10 12		08 08.40	+17 21.0	1.475	1.607	78.4	37.5	14.0 21.9
2004 10 22		08 38.55	+16 44.8	1.377	1.571	81.2	38.8	13.6 21.7
2004 11 01		09 08.92	+16 00.3	1.287	1.540	84.0	39.8	13.2 21.6
2004 11 11		09 39.21	+15 10.4	1.206	1.517	86.8	40.7	12.9 21.4
2004 11 21		10 09.04	+14 19.3	1.133	1.500	89.8	41.2	12.7 21.3
2004 12 01		10 38.02	+13 31.7	1.067	1.491	93.1	41.3	12.5 21.1
2004 12 11		11 05.67	+12 52.6	1.009	1.490	96.7	41.0	12.3 21.0
2004 12 21		11 31.44	+12 27.5	0.958	1.496	100.8	40.2	12.3 20.9
2004 12 31		11 54.75	+12 20.9	0.913	1.510	105.5	38.9	12.3 20.7
2005 01 10		12 14.97	+12 36.6	0.874	1.530	110.9	36.9	12.3 20.6
2005 01 20		12 31.42	+13 16.6	0.841	1.558	117.1	34.2	12.4 20.5
2005 01 30		12 43.53	+14 19.9	0.815	1.592	124.1	30.8	12.6 20.4
2005 02 09		12 50.82	+15 42.0	0.798	1.631	131.8	26.8	12.8 20.3
2005 02 19		12 53.10	+17 13.8	0.793	1.676	140.1	22.2	13.1 20.2
2005 03 01		12 50.79	+18 41.6	0.802	1.724	148.1	17.7	13.4 20.1
2005 03 11		12 44.90	+19 50.8	0.827	1.777	154.7	13.8	13.8 20.1
2005 03 21		12 37.05	+20 28.4	0.871	1.832	157.6	12.0	14.3 20.2
2005 03 31		12 29.09	+20 28.4	0.935	1.889	155.4	12.7	14.8 20.5
2005 04 10		12 22.52	+19 52.2	1.019	1.949	149.5	15.1	15.3 20.8
2005 04 20		12 18.33	+18 45.7	1.121	2.011	142.1	17.9	15.8 21.2
2005 04 30		12 16.86	+17 17.0	1.240	2.073	134.3	20.3	16.4 21.6

2004 JULY 13

2005 05 10	12 18.02	+15 33.6	1.374	2.137	126.7	22.3	16.9	21.9
2005 05 20	12 21.55	+13 41.0	1.521	2.201	119.3	23.6	17.5	22.2
2005 05 30	12 27.05	+11 43.5	1.679	2.265	112.2	24.5	18.0	22.5

C/2004 H1 (LINEAR)

			Elements MPC 51821					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2004 09 02		08 33.19	+22 04.6	4.119	3.341	34.8	9.9	21.3
2004 09 12		08 36.48	+22 57.5	4.075	3.423	44.0	11.8	21.4
2004 09 22		08 38.73	+23 57.2	4.008	3.506	53.6	13.3	21.5
2004 10 02		08 39.70	+25 05.6	3.923	3.589	63.5	14.4	21.6
2004 10 12		08 39.11	+26 24.4	3.825	3.673	73.8	15.1	21.6
2004 10 22		08 36.60	+27 55.2	3.718	3.757	84.5	15.3	21.6
2004 11 01		08 31.81	+29 38.3	3.611	3.841	95.8	14.9	21.5
2004 11 11		08 24.38	+31 33.1	3.510	3.925	107.6	13.9	21.5
2004 11 21		08 13.95	+33 36.6	3.425	4.009	119.8	12.3	21.4
2004 12 01		08 00.37	+35 43.4	3.364	4.094	132.3	10.3	21.4
2004 12 11		07 43.77	+37 45.6	3.336	4.178	144.6	7.8	21.3
2004 12 21		07 24.67	+39 34.0	3.348	4.263	155.5	5.5	21.2
2004 12 31		07 04.16	+41 00.5	3.403	4.347	161.5	4.1	21.2
2005 01 10		06 43.57	+42 00.8	3.504	4.431	158.1	4.7	21.4
2005 01 20		06 24.31	+42 35.1	3.646	4.515	148.7	6.5	21.6
2005 01 30		06 07.48	+42 47.8	3.825	4.600	137.4	8.3	21.8
2005 02 09		05 53.68	+42 45.0	4.035	4.684	126.0	9.8	22.0
2005 02 19		05 43.08	+42 33.2	4.268	4.767	114.8	10.9	22.2
2005 03 01		05 35.53	+42 17.4	4.516	4.851	104.0	11.4	22.4

99P/Kowal

			Elements MPC 51821					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2004 09 02		08 35.78	+22 33.4	6.399	5.596	34.4	5.8	19.7 22.2
2004 09 12		08 43.70	+22 07.9	6.284	5.580	42.2	7.0	19.7 22.2
2004 09 22		08 51.15	+21 43.5	6.154	5.564	50.1	8.0	19.6 22.2
2004 10 02		08 58.03	+21 21.1	6.009	5.548	58.3	8.8	19.6 22.2
2004 10 12		09 04.24	+21 01.2	5.852	5.532	66.6	9.5	19.5 22.2
2004 10 22		09 09.67	+20 44.5	5.685	5.517	75.2	10.0	19.4 22.1
2004 11 01		09 14.20	+20 31.9	5.513	5.501	84.1	10.3	19.3 22.1
2004 11 11		09 17.73	+20 23.9	5.338	5.485	93.3	10.4	19.2 22.0
2004 11 21		09 20.14	+20 21.2	5.165	5.469	102.8	10.1	19.1 21.9
2004 12 01		09 21.34	+20 23.9	4.998	5.454	112.6	9.6	19.0 21.8
2004 12 11		09 21.27	+20 32.3	4.842	5.438	122.8	8.8	19.0 21.7
2004 12 21		09 19.91	+20 46.0	4.701	5.423	133.3	7.6	18.9 21.6
2004 12 31		09 17.32	+21 04.0	4.581	5.408	144.0	6.1	18.8 21.4
2005 01 10		09 13.62	+21 25.3	4.485	5.392	154.9	4.4	18.7 21.3
2005 01 20		09 09.06	+21 48.0	4.418	5.377	165.8	2.6	18.7 21.2
2005 01 30		09 03.95	+22 10.4	4.380	5.362	174.5	1.0	18.6 21.0
2005 02 09		08 58.65	+22 30.5	4.374	5.347	169.1	2.0	18.6 21.1
2005 02 19		08 53.59	+22 46.8	4.399	5.332	158.5	3.9	18.6 21.2
2005 03 01		08 49.14	+22 58.2	4.453	5.317	147.7	5.7	18.6 21.3
2005 03 11		08 45.61	+23 04.1	4.532	5.302	137.0	7.3	18.6 21.4
2005 03 21		08 43.25	+23 04.2	4.633	5.287	126.6	8.7	18.7 21.5
2005 03 31		08 42.16	+22 58.8	4.751	5.273	116.5	9.8	18.7 21.6
2005 04 10		08 42.41	+22 48.1	4.881	5.258	106.8	10.5	18.8 21.7
2005 04 20		08 43.98	+22 32.5	5.018	5.244	97.4	11.0	18.8 21.8
2005 04 30		08 46.79	+22 12.5	5.159	5.229	88.4	11.1	18.8 21.8
2005 05 10		08 50.72	+21 48.3	5.299	5.215	79.8	11.0	18.9 21.9

2005 05 20	08 55.68	+21 20.3	5.435	5.201	71.4	10.6	18.9	21.9
2005 05 30	09 01.52	+20 48.7	5.564	5.187	63.3	10.1	19.0	22.0
2005 06 09	09 08.13	+20 13.8	5.683	5.173	55.3	9.3	19.0	22.0
2005 06 19	09 15.38	+19 35.8	5.789	5.160	47.6	8.4	19.0	22.0
2005 06 29	09 23.17	+18 54.9	5.882	5.146	40.1	7.3	19.0	21.9
2005 07 09	09 31.39	+18 11.3	5.959	5.133	32.7	6.1	19.0	21.9

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2000 XT ₁₅	2004 06 30.0	18 36.97	-28 09.6	19.0	-0.90	+ 2.2	1.4/29.9	30435
1999 VZ ₁₇₉	2004 06 30.0	18 37.01	-49 51.4	19.2	-1.80	-15.5	13.1/23.8	47825
2001 VN ₃₉	2004 06 30.0	18 37.02	-00 47.1	18.8	-0.96	+ 5.3	8.4/29.5	30537
1998 KU ₅₀	2004 06 30.0	18 37.03	-21 37.6	17.9	-0.87	- 6.4	0.5/30.2	47732
2001 TO ₁₃₀	2004 06 30.0	18 37.05	-07 53.4	20.2	-0.89	- 2.1	4.6/01.1	46752
2000 SB ₅₈	2004 06 30.0	18 37.07	-08 57.8	19.0	-0.82	- 1.7	4.9/01.0	47945
2003 BW ₂₇	2004 06 30.0	18 37.11	-08 06.0	21.1	-1.01	- 2.9	5.8/01.2	48318
2000 QC ₆₄	2004 06 30.0	18 37.14	-22 29.8	19.6	-0.98	- 3.3	0.2/30.1	47915
2001 VF ₁₂₄	2004 06 30.0	18 37.14	-26 10.1	21.4	-1.07	- 1.8	1.1/29.8	35567
2002 CG ₂₂₆	2004 06 30.0	18 37.14	-05 21.9	21.2	-0.85	- 3.0	5.2/01.4	30686
2001 SD ₇₆	2004 06 30.0	18 37.16	-30 18.5	20.1	-1.02	- 1.4	2.3/29.6	46633
2000 SN ₃₀₉	2004 06 30.0	18 37.20	-32 25.7	19.6	-1.04	- 0.1	3.6/29.6	50495
2000 TY ₅₄	2004 06 30.0	18 37.20	-24 39.1	21.3	-0.87	- 0.9	0.5/30.0	30410
2003 CS ₁₇	2004 06 30.0	18 37.21	-33 31.4	19.3	-1.09	+ 2.1	3.6/29.9	47303
2003 CF ₂	2004 06 30.0	18 37.21	-29 19.9	20.6	-1.05	- 1.1	2.1/29.7	50744
2001 TA ₁₀₇	2004 06 30.0	18 37.23	-12 14.5	19.3	-1.05	+ 2.5	4.3/30.1	30485
2000 SV ₁₂₆	2004 06 30.0	18 37.24	-01 31.4	19.6	-0.73	- 0.4	5.8/01.2	47951
2000 GJ ₇₅	2004 06 30.0	18 37.25	-18 13.1	18.6	-0.98	- 1.8	2.4/30.4	47879
1999 TO ₂₈₀	2004 06 30.0	18 37.28	-51 12.2	20.1	-1.22	+ 0.3	8.7/28.3	33117
2001 RA	2004 06 30.0	18 37.29	-03 29.5	18.9	-0.94	+ 4.1	6.8/30.0	48069
2001 UY ₁₇₇	2004 06 30.0	18 37.29	-23 18.5	20.6	-0.99	- 1.3	0.1/30.1	46850
2001 UU ₁₁₉	2004 06 30.0	18 37.30	-18 57.4	18.8	-1.04	- 0.5	1.9/30.3	48141
2000 WF ₂₂	2004 06 30.0	18 37.32	-42 39.0	19.7	-1.04	- 4.6	5.4/27.9	47987
2001 UF ₂₀₁	2004 06 30.0	18 37.33	-19 39.6	21.8	-0.96	- 0.6	1.2/30.2	46852
2001 XJ ₂₃₆	2004 06 30.0	18 37.34	-29 54.9	18.4	-1.12	- 3.1	3.0/29.5	30589
2003 BE ₅₂	2004 06 30.0	18 37.34	-19 59.5	20.1	-1.00	- 0.3	1.2/30.2	48320
2000 SR ₁₂₁	2004 06 30.0	18 37.40	+02 13.9	20.0	-0.73	+ 0.1	6.7/01.4	47951
2001 VK ₈₇	2004 06 30.0	18 37.48	-32 03.8	20.0	-1.03	- 1.2	3.3/29.6	48153
2001 YK ₂₄	2004 06 30.1	18 37.41	-25 42.4	19.5	-0.95	- 0.2	1.0/30.0	48176
1997 UQ ₄	2004 06 30.1	18 37.43	-25 15.8	18.5	-1.09	- 2.4	0.9/30.0	30256
1994 RY ₂₅	2004 06 30.1	18 37.43	-09 42.6	19.8	-0.78	- 0.6	4.1/30.9	28939
1999 FS ₁₇	2004 06 30.1	18 37.43	-36 39.9	18.5	-1.15	- 2.0	5.2/29.1	47773
2001 VN ₉₁	2004 06 30.1	18 37.47	-18 50.8	20.8	-0.91	- 3.3	1.4/30.5	23920
2001 QM ₂₃₀	2004 06 30.1	18 37.48	-16 24.9	19.0	-1.05	+ 1.6	3.1/30.3	48063
2000 HX ₅₂	2004 06 30.1	18 37.50	-28 28.6	19.4	-1.12	- 3.0	2.2/29.7	41642
2002 AV ₇₄	2004 06 30.1	18 37.53	-28 08.8	20.9	-0.88	- 0.5	1.5/29.9	47139
2001 YD ₁₂₁	2004 06 30.1	18 37.53	-35 22.6	19.7	-0.93	- 2.3	3.3/29.2	47106
2001 SX ₃₀₈	2004 06 30.1	18 37.54	-32 53.1	20.6	-1.17	+ 0.3	3.9/29.7	61090
2001 SP ₂₇₁	2004 06 30.1	18 37.55	-22 11.3	20.4	-1.09	- 0.7	0.4/30.2	46682
2001 TU ₁₉₁	2004 06 30.1	18 37.62	-27 10.6	20.4	-1.01	- 0.5	1.3/29.9	57846
2000 TE ₃₉	2004 06 30.1	18 37.62	-58 36.5	20.1	-1.38	- 0.6	9.0/28.1	47972
2003 EG ₄₀	2004 06 30.1	18 37.63	-20 18.5	18.5	-0.88	- 5.9	1.0/30.5	47365

2001 UN ₉₂	2004 06 30.1	18 37.63	-31 25.0	20.8	-1.04	- 1.9	2.8/29.6	46809
2001 UF ₂₁₉	2004 06 30.1	18 37.64	-04 48.1	18.7	-0.89	- 5.7	7.2/02.3	48146
2001 TC ₁₀₈	2004 06 30.1	18 37.72	-33 24.1	19.5	-1.10	- 4.4	3.3/29.1	50563
2001 XU ₂₂₆	2004 06 30.1	18 37.76	-29 07.4	19.1	-0.98	- 1.3	2.1/29.8	47061
1999 BU ₃₀	2004 06 30.1	18 37.78	-20 03.8	20.1	-1.09	- 4.3	1.3/30.5	47765
2001 VD ₄₅	2004 06 30.1	18 37.80	-34 11.7	20.3	-1.05	- 4.1	3.5/29.1	46885
2000 RS ₈₇	2004 06 30.1	18 37.81	-37 11.3	18.0	-1.05	+ 1.6	6.1/29.9	43386
2001 SN ₇₂	2004 06 30.1	18 37.83	-31 23.9	18.9	-1.04	- 4.5	3.0/29.4	48091
2000 SH ₃₂₈	2004 06 30.1	18 37.84	-20 41.0	19.5	-0.89	- 1.6	0.9/30.4	47968
2000 SU ₂₂₇	2004 06 30.1	18 37.86	-24 11.6	20.5	-0.86	- 0.9	0.3/30.1	22628
2001 SZ ₁₀₇	2004 06 30.1	18 37.89	-16 55.7	19.7	-0.98	+ 1.0	2.0/30.4	30466
2001 SS ₇₃	2004 06 30.2	18 37.80	-27 43.5	20.2	-1.09	- 0.1	1.7/30.0	46632
2003 AF ₆₁	2004 06 30.2	18 37.89	-13 42.1	20.0	-0.95	- 1.8	3.3/30.9	48313
2003 EB ₄₈	2004 06 30.2	18 37.91	-36 23.8	20.6	-0.99	+ 1.7	3.6/30.0	50752
2001 SY ₂₆₆	2004 06 30.2	18 37.93	-14 25.3	20.4	-1.00	- 0.7	3.4/30.6	46680
2000 GJ ₃₀	2004 06 30.2	18 37.94	-12 50.6	18.3	-0.91	+ 0.1	5.6/30.6	23524
2002 CE ₁₃₁	2004 06 30.2	18 37.96	-30 12.6	20.4	-0.90	+ 0.8	2.1/30.0	31453
2001 SR ₉₈	2004 06 30.2	18 37.99	-28 17.9	20.5	-1.04	- 0.4	1.7/30.0	48093
2000 UF ₄₀	2004 06 30.2	18 37.99	-22 22.8	17.3	-0.89	+ 1.1	0.4/30.3	47977
2002 AE ₁₄₅	2004 06 30.2	18 38.02	-21 41.8	20.9	-0.82	- 1.0	0.4/30.3	27409
2000 SW ₂₀₇	2004 06 30.2	18 38.06	-11 09.2	20.6	-0.77	- 0.4	3.5/30.9	47958
2001 VJ ₂₃	2004 06 30.2	18 38.10	-20 45.0	19.9	-0.95	+ 0.1	0.8/30.4	46869
1998 RX ₄₇	2004 06 30.2	18 38.11	-20 44.4	18.1	-1.02	+ 1.4	1.4/30.3	31825
2000 QZ ₁₇₄	2004 06 30.2	18 38.11	-20 56.1	18.6	-0.97	0.0	0.9/30.4	47926
2002 YW ₃₁	2004 06 30.2	18 38.13	-46 53.2	18.6	-1.31	+ 6.6	8.3/01.6	48308
2001 XA ₁₁	2004 06 30.2	18 38.14	-17 59.5	19.0	-0.98	+ 0.9	1.8/30.4	30561
2001 TL ₁₃	2004 06 30.2	18 38.15	-10 31.5	16.8	-0.57	+ 8.7	8.4/29.1	26004
2001 GK ₃	2004 06 30.2	18 38.16	-06 22.9	17.6	-1.25	-21.8	8.6/04.5	14427
2001 VR ₁₁₂	2004 06 30.2	18 38.18	-22 03.2	20.9	-0.94	+ 0.3	0.4/30.3	48154
2000 UL ₄₇	2004 06 30.2	18 38.20	-17 57.8	19.6	-0.84	+ 0.7	1.7/30.5	47978
1999 CO ₁₅₉	2004 06 30.2	18 38.22	-03 42.9	21.4	-0.92	- 4.8	6.9/02.5	46354
2002 CN ₆₂	2004 06 30.2	18 38.27	-44 40.0	20.1	-1.07	- 0.5	6.3/29.0	29792
2001 XN ₂₃₉	2004 06 30.2	18 38.28	-24 07.2	18.8	-1.07	+ 3.4	0.4/30.3	30590
2003 FL ₆₀	2004 06 30.3	18 38.22	-23 59.9	18.6	-0.95	- 3.3	0.3/30.2	47433
2000 WZ ₁₅₂	2004 06 30.3	18 38.25	-19 13.8	19.1	-0.83	- 3.2	1.2/30.6	47993
2002 CP ₂₆	2004 06 30.3	18 38.26	-26 52.9	18.6	-1.03	+ 2.4	1.3/30.2	48199
1999 CP ₁	2004 06 30.3	18 38.28	-28 07.5	19.0	-1.05	- 1.8	1.8/30.0	50402
1999 RE ₇₀	2004 06 30.3	18 38.29	-23 28.2	20.1	-0.85	- 0.8	0.1/30.3	47789
2001 SM ₆₂	2004 06 30.3	18 38.30	-21 38.5	18.8	-1.00	- 0.9	0.6/30.4	48090
2000 XF ₅	2004 06 30.3	18 38.33	-40 13.5	21.1	-1.04	- 1.2	5.5/29.1	47995
2000 GQ ₄₆	2004 06 30.3	18 38.37	-13 21.4	20.4	-1.03	- 0.2	4.2/30.8	47878
2003 BW ₈₃	2004 06 30.3	18 38.38	-11 24.7	21.1	-0.90	- 3.3	3.8/01.4	48323
1997 NS ₅	2004 06 30.3	18 38.39	-18 48.0	19.2	-1.00	- 1.1	2.1/30.6	47713
1995 CA ₈	2004 06 30.3	18 38.40	-44 31.3	19.4	-1.67	+ 4.6	9.4/30.5	41523
2001 XJ ₅₅	2004 06 30.3	18 38.42	-25 24.3	19.1	-1.07	- 4.4	1.0/30.1	27785
1997 ET ₁₀	2004 06 30.3	18 38.43	-36 56.8	20.9	-0.96	- 0.8	4.1/29.5	47710
2000 KZ ₁₃	2004 06 30.3	18 38.45	-15 09.3	19.0	-1.00	+ 0.9	3.5/30.6	43369
2000 SV ₂₅₃	2004 06 30.3	18 38.45	-22 31.3	19.7	-0.89	- 1.5	0.2/30.4	47962
2001 UP ₄₆	2004 06 30.3	18 38.50	-15 05.3	19.7	-1.08	- 0.7	3.9/30.7	30511
2001 TT ₁₅₂	2004 06 30.3	18 38.51	-35 44.0	19.3	-1.08	- 7.0	6.6/28.6	43090
2003 EW ₄₀	2004 06 30.3	18 38.58	-16 01.6	19.0	-0.95	- 5.9	2.6/01.2	48337

2001 VJ ₁₁₄	2004 06 30.3	18 38.58	-30 55.1	19.8	-1.00	- 1.3	2.7/29.9	48154	2000 UG ₆₉	2004 06 30.6	18 39.53	-18 00.6	19.1	-0.88	+ 1.4	1.7/30.8	47980
2001 SQ ₆₂	2004 06 30.3	18 38.66	-21 30.3	19.5	-1.12	- 1.0	0.7/30.5	23722	2001 RX ₇₂	2004 06 30.6	18 39.55	-36 41.0	18.5	-1.23	- 0.3	6.2/29.8	20959
2001 VM ₅₁	2004 06 30.3	18 38.67	-45 34.5	20.9	-1.17	- 1.6	6.3/28.8	30540	1997 WX ₇	2004 06 30.6	18 39.57	-14 00.8	17.9	-0.98	+ 5.3	4.7/30.4	47718
2000 TR ₂₃	2004 06 30.3	18 38.67	-08 26.4	20.1	-0.87	- 2.1	5.4/01.4	47971	2001 XN ₃₅	2004 06 30.6	18 39.57	-14 34.8	17.6	-1.04	+ 5.6	3.0/30.5	48161
2001 VJ ₃₅	2004 06 30.3	18 38.70	-24 57.9	20.0	-1.04	- 0.4	0.7/30.3	46878	1994 SH ₆	2004 06 30.6	18 39.58	-30 04.4	20.2	-0.88	- 1.1	2.1/30.2	53577
2000 NB ₁₅	2004 06 30.3	18 38.70	-37 08.0	18.4	-1.15	+ 4.3	5.9/30.6	50478	2001 SS ₁₂₈	2004 06 30.6	18 39.58	-29 29.0	19.2	-1.15	+ 1.4	2.7/30.4	50555
1999 RJ ₁₆₄	2004 06 30.4	18 38.63	-12 37.2	19.6	-0.79	- 1.1	3.3/01.0	35479	2003 BX ₆₇	2004 06 30.6	18 39.66	-24 47.9	21.0	-1.09	- 0.6	0.6/30.6	50742
2001 XQ ₉₇	2004 06 30.4	18 38.64	-26 53.5	19.1	-1.07	- 0.3	1.5/30.2	47006	2001 SB ₂₈	2004 06 30.6	18 39.66	-37 24.3	18.8	-1.13	- 2.7	7.9/29.3	25959
2001 TZ ₅₄	2004 06 30.4	18 38.66	-35 26.7	19.1	-1.26	- 1.1	5.8/29.6	30477	1999 CY ₈	2004 06 30.6	18 39.75	-35 55.6	18.9	-1.16	- 1.4	4.7/29.8	47765
2003 CW ₃	2004 06 30.4	18 38.68	+03 54.3	19.5	-0.87	- 6.0	8.8/04.1	48324	1998 XT ₂₃	2004 06 30.6	18 39.76	-19 05.5	20.0	-1.04	- 1.8	1.6/30.9	62236
2003 BH ₄₂	2004 06 30.4	18 38.71	+08 15.1	20.2	-0.91	- 0.5	9.5/02.4	50740	2001 SX ₂₃	2004 06 30.6	18 39.80	-16 10.4	20.5	-1.04	- 0.9	2.6/01.0	46611
2001 VA ₁₀₈	2004 06 30.4	18 38.71	-25 47.4	18.5	-1.01	- 0.8	1.1/30.3	50575	2000 GL ₈	2004 06 30.6	18 39.83	-27 11.7	19.8	-1.13	- 0.5	1.9/30.5	47876
2003 AL ₂₅	2004 06 30.4	18 38.72	-26 06.8	18.4	-1.09	- 1.6	1.2/30.2	50732	2001 QS ₁₁₁	2004 06 30.6	18 39.86	-30 16.8	19.4	-1.11	+ 0.4	2.7/30.4	48054
2001 TW ₂₁₂	2004 06 30.4	18 38.73	-33 39.7	19.3	-1.18	+ 0.1	4.4/29.9	30498	2003 ET ₅₁	2004 06 30.6	18 39.87	-27 52.0	19.4	-0.88	- 0.6	1.6/30.4	47378
2000 VG ₅₆	2004 06 30.4	18 38.80	-43 14.5	20.0	-1.06	- 3.4	5.8/28.4	8534	2000 JN ₄₈	2004 06 30.6	18 39.88	-17 01.0	19.0	-0.99	+ 1.5	2.9/30.9	19724
2003 DU ₂	2004 06 30.4	18 38.81	-34 37.7	19.9	-1.00	+ 1.0	4.0/30.1	48327	2003 AE ₃₁	2004 06 30.6	18 39.90	-20 46.7	19.7	-1.05	- 0.9	0.9/30.8	50732
2001 RT ₂₇	2004 06 30.4	18 38.82	-12 19.3	17.8	-0.97	- 3.8	5.3/01.4	20098	2000 RO ₃	2004 06 30.6	18 39.95	-51 23.4	18.7	-1.26	- 0.6	8.8/28.6	47931
2001 UQ ₇₈	2004 06 30.4	18 38.85	-35 38.2	20.3	-1.19	- 3.1	5.3/29.3	30515	1990 RC ₇	2004 06 30.6	18 39.96	-19 36.7	18.4	-1.04	- 2.1	1.7/30.9	25672
1998 DD ₈	2004 06 30.4	18 38.87	-14 15.0	18.7	-1.00	- 4.3	3.4/01.2	47723	2002 AR ₁₄₀	2004 06 30.7	18 39.88	-20 14.9	20.1	-0.91	- 1.0	1.0/30.9	50587
2000 WW ₆₂	2004 06 30.4	18 38.88	-06 41.3	18.3	-0.88	- 4.1	5.7/01.9	29554	2000 US ₉₅	2004 06 30.7	18 39.88	-09 43.3	19.4	-0.94	+ 5.2	6.1/30.3	18300
2000 TU ₂₇	2004 06 30.4	18 38.91	-20 55.5	19.9	-0.88	- 1.6	0.8/30.6	47971	2000 GM ₁₂₅	2004 06 30.7	18 39.88	-12 44.1	17.5	-0.94	- 3.9	4.9/01.7	47883
2001 XG ₅₁	2004 06 30.4	18 38.94	-24 32.5	20.0	-0.98	- 2.0	0.5/30.4	46979	2000 HJ ₄₈	2004 06 30.7	18 39.93	-24 57.0	19.3	-1.04	- 0.8	0.9/30.6	26958
2001 UD ₁₅₉	2004 06 30.4	18 38.97	-23 06.0	20.2	-0.98	- 2.3	0.0/30.5	48144	2000 SW ₈₁	2004 06 30.7	18 39.93	-20 06.4	19.8	-0.88	- 1.1	1.0/30.9	50489
2003 EO ₄	2004 06 30.4	18 38.99	-60 01.2	22.0	-1.65	- 1.0	9.8/28.3	48331	1163 T-3	2004 06 30.7	18 39.93	-45 34.8	20.1	-1.04	- 0.1	5.9/29.4	48391
1992 EL ₅	2004 06 30.4	18 38.99	-25 31.2	19.8	-0.88	- 1.9	0.7/30.3	47684	2000 JA ₇₃	2004 06 30.7	18 39.94	-11 41.5	18.0	-0.92	- 3.9	5.4/01.8	47895
2000 GM ₁₅₆	2004 06 30.4	18 39.04	-17 37.8	19.8	-1.02	- 0.5	2.5/30.8	23531	2001 TH ₉₆	2004 06 30.7	18 39.96	-30 20.8	19.0	-1.05	- 0.5	2.7/30.3	48121
2001 UR ₂₀₉	2004 06 30.4	18 39.13	-24 41.1	19.6	-1.01	+ 0.3	0.6/30.4	50572	2001 UW ₁₅₇	2004 06 30.7	18 39.97	-20 34.7	19.3	-1.10	- 0.4	1.2/30.8	30526
1995 VF ₁₈	2004 06 30.5	18 39.05	-16 23.8	18.2	-0.94	+ 2.2	3.7/30.6	18142	2000 FG ₅₈	2004 06 30.7	18 39.98	-37 04.9	18.5	-1.06	- 4.2	7.3/29.3	23523
1999 GZ ₅₄	2004 06 30.5	18 39.06	-19 38.3	20.7	-0.97	- 1.1	1.3/30.7	50407	2001 TM ₅₀	2004 06 30.7	18 39.99	-07 32.1	18.7	-0.94	- 2.2	6.6/01.9	48117
2000 OQ ₃	2004 06 30.5	18 39.07	-15 45.9	17.7	-0.87	+ 0.1	3.7/30.8	47903	2002 AU ₁₀₈	2004 06 30.7	18 40.03	-24 37.6	20.1	-0.90	- 1.7	0.5/30.6	48190
2003 FU ₄₅	2004 06 30.5	18 39.12	-44 47.8	18.5	-1.24	- 1.7	7.9/28.8	50755	2003 EP ₅₁	2004 06 30.7	18 40.15	-25 31.3	18.5	-0.86	- 1.5	0.9/30.6	50752
2000 SJ ₁₆₃	2004 06 30.5	18 39.16	-37 39.9	20.5	-0.95	- 0.2	4.1/29.8	47955	2001 TY ₇₃	2004 06 30.7	18 40.18	-26 02.9	19.6	-0.98	- 0.9	1.0/30.6	46730
2002 BZ ₂	2004 06 30.5	18 39.20	-41 46.3	20.7	-1.04	- 1.4	5.2/29.2	50588	2001 UD ₂₈	2004 06 30.7	18 40.19	-63 16.0	20.1	-1.87	- 5.6	18.2/23.2	48134
2002 CM ₇	2004 06 30.5	18 39.24	-42 59.5	20.7	-0.99	- 1.4	5.0/29.1	30636	2000 UA ₉₆	2004 06 30.7	18 40.19	-17 55.4	18.4	-0.85	+ 1.4	1.6/30.9	47982
2001 SK ₃₁₅	2004 06 30.5	18 39.30	-29 27.3	19.0	-1.19	+ 2.2	2.6/30.4	26000	2000 RQ ₂₅	2004 06 30.7	18 40.22	-19 32.1	18.6	-0.91	+ 0.1	1.2/30.9	27692
2001 QH ₄	2004 06 30.5	18 39.32	-19 03.9	18.2	-1.02	- 3.1	2.1/30.9	53695	2003 AF ₈₀	2004 06 30.7	18 40.29	-15 16.6	19.6	-0.93	- 4.9	2.7/01.6	48315
2000 JL ₁₂	2004 06 30.5	18 39.34	+15 02.5	18.4	-0.91	+ 6.0	17.4/29.3	41646	2001 TY ₁₀₉	2004 06 30.7	18 40.35	-24 12.2	19.2	-0.98	- 0.1	0.4/30.7	48122
2001 XO ₆₃	2004 06 30.5	18 39.36	-22 45.5	17.7	-1.07	+ 4.1	0.2/30.6	48163	2003 AP ₁₁	2004 06 30.7	18 40.36	-18 01.4	18.9	-0.95	+ 3.6	1.8/30.8	48309
2002 AW ₁₈₀	2004 06 30.5	18 39.36	-42 42.2	18.6	-1.23	- 7.2	6.3/27.8	30627	2000 QR ₁₅₅	2004 06 30.8	18 40.28	+00 57.4	18.9	-0.86	- 1.3	10.3/02.2	46441
2001 SK ₁₄₅	2004 06 30.5	18 39.37	-11 34.0	19.8	-1.06	- 0.2	5.2/01.0	48099	1999 EN ₁₂	2004 06 30.8	18 40.32	-46 59.8	17.8	-1.31	- 3.1	9.6/28.3	47772
2001 SW ₂₁₄	2004 06 30.5	18 39.37	-20 32.8	18.1	-1.09	- 3.3	1.2/30.8	23762	2001 WL ₇₀	2004 06 30.8	18 40.35	-30 27.7	19.3	-1.05	- 4.5	3.4/30.1	27300
2000 QS ₂₂₃	2004 06 30.5	18 39.42	-29 14.9	20.2	-0.99	- 0.2	1.9/30.3	27690	2002 AW ₁₆₇	2004 06 30.8	18 40.36	-04 52.9	20.9	-0.75	- 2.3	4.8/02.3	57849
2000 QV ₅₇	2004 06 30.5	18 39.43	-40 20.1	19.0	-1.19	+ 1.1	6.4/29.8	47915	2001 XN ₈₇	2004 06 30.8	18 40.37	-29 06.1	17.9	-1.05	- 7.1	2.5/30.0	48165
1998 XG ₂₁	2004 06 30.5	18 39.43	-22 29.4	19.7	-1.12	+ 0.5	0.3/30.6	47760	2001 RW ₈₁	2004 06 30.8	18 40.38	-02 09.7	19.9	-0.86	+ 0.1	6.8/01.9	46595
2001 XK ₄₉	2004 06 30.5	18 39.47	-19 46.3	20.9	-0.97	- 0.2	1.2/30.7	30567	2000 WT ₁₆₁	2004 06 30.8	18 40.40	-15 33.3	18.9	-0.83	- 4.3	2.7/01.6	47993
2001 SJ ₂₈₂	2004 06 30.5	18 39.50	-58 52.1	21.2	-1.66	+ 0.7	9.9/28.3	30469	2001 YV ₉	2004 06 30.8	18 40.41	-21 59.8	18.5	-0.91	+ 3.0	0.4/30.8	47075
1998 BK ₂₉	2004 06 30.5	18 39.52	-34 47.1	20.2	-1.07	+ 2.8	4.2/30.5	50381	2001 SJ ₃₄₅	2004 06 30.8	18 40.42	-17 33.5	18.2	-0.96	- 5.2	2.0/01.4	50560
2003 BD ₆₆	2004 06 30.5	18 39.52	-20 42.9	20.0	-1.02	- 2.0	0.9/30.8	50175	2003 BH ₄₀	2004 06 30.8	18 40.50	-24 37.1	20.4	-1.07	- 0.9	0.6/30.8	62441
1998 DT ₆	2004 06 30.6	18 39.45	-15 14.2	19.8	-0.90	+ 0.1	2.9/31.0	27595	2001 QO ₂₄₇	2004 06 30.8	18 40.50	-26 10.3	19.6	-1.10	- 2.0	1.2/30.6	25931
2001 UE ₁₈₂	2004 06 30.6	18 39.48	-23 51.1	18.4	-1.04	- 3.6	0.3/30.5	43450	1998 YO ₁₆	2004 06 30.8	18 40.51	-24 15.5	19.8	-1.08	+ 0.5	0.4/30.8	50401
2001 WC ₂₉	2004 06 30.6	18 39.49	-22 32.1	20.1	-0.98	- 2.5	0.2/30.7	48157	2001 RV ₁₃₂	2004 06 30.8	18 40.56	-39 39.5	18.8	-1.31	- 2.6	7.8/29.3	20975

2001 QQ ₅₇	2004 06 30.8	18 40.58	-26 24.0	18.9	-1.16	-	2.0	1.5/30.6	43404	2000 VN ₁₆	2004 07 01.0	18 41.35	-13 56.1	20.6	-0.84	-	0.3	2.9/01.5	47984
2001 YR ₈	2004 06 30.8	18 40.59	-20 55.3	18.2	-0.88	+	2.7	0.7/30.9	48175	2000 HT ₃₉	2004 07 01.0	18 41.37	-29 02.0	19.4	-1.18	-	5.5	2.4/30.4	47888
2001 YK ₄₃	2004 06 30.8	18 40.60	-26 20.0	21.2	-0.94	-	1.8	1.0/30.6	47082	2002 CB ₁₆₂	2004 07 01.0	18 41.37	-41 56.7	19.5	-1.04	+	1.1	5.6/30.2	30672
2001 PD ₆₂	2004 06 30.8	18 40.60	-15 59.8	19.4	-1.05	-	1.7	2.9/01.3	48045	2001 UU ₇₂	2004 07 01.0	18 41.40	+10 59.1	18.8	-0.98	-	6.6	14.9/05.0	48138
2000 DM ₃₉	2004 06 30.8	18 40.60	-34 41.7	18.7	-1.18	+	3.6	5.9/30.8	47856	1999 LF ₇	2004 07 01.0	18 41.41	-20 05.0	19.7	-0.85	-	1.9	1.0/01.3	47783
2001 WA ₂₉	2004 06 30.8	18 40.60	-23 10.3	20.1	-1.00	-	2.9	0.0/30.9	46935	2003 BA ₈₄	2004 07 01.0	18 41.44	-22 45.9	19.9	-1.06	-	1.9	0.1/01.1	50743
2001 VF ₉₁	2004 06 30.8	18 40.65	-12 00.6	20.8	-0.87	-	2.1	3.4/01.7	30547	2000 OT ₂₁	2004 07 01.0	18 41.44	-46 04.1	19.1	-1.51	+	6.8	8.7/01.5	47904
2000 VL ₁₄	2004 06 30.8	18 40.68	-30 50.7	19.0	-0.89	-	2.8	2.3/30.2	47984	2000 SG ₈₇	2004 07 01.0	18 41.47	-09 13.5	19.4	-0.87	-	2.2	5.9/02.0	47948
2001 UF ₄₅	2004 06 30.8	18 40.71	-28 32.5	19.6	-1.05	-	2.4	2.2/30.5	48136	2001 XM ₄₆	2004 07 01.0	18 41.49	-32 17.6	21.1	-1.00	-	2.2	2.7/30.3	26069
2003 FD ₆₂	2004 06 30.8	18 40.72	-45 20.0	19.1	-1.24	-	1.9	8.2/29.0	50755	2000 ST ₃₂₄	2004 07 01.0	18 41.50	-28 16.9	19.9	-0.89	-	1.1	1.7/30.7	50496
2002 YL ₂₇	2004 06 30.8	18 40.73	-23 24.8	19.3	-1.08	-	1.7	0.1/30.9	41393	2001 SO ₂₅₄	2004 07 01.0	18 41.58	-14 38.3	19.5	-0.96	-	2.3	3.1/01.7	50558
2001 UP ₁₁₈	2004 06 30.8	18 40.74	-22 43.9	20.0	-1.00	-	2.1	0.1/30.9	46824	1999 AT ₉	2004 07 01.1	18 41.52	-18 25.4	18.6	-1.16	-	5.0	1.9/01.6	25724
1999 RN ₁₉	2004 06 30.8	18 40.76	-24 18.9	18.5	-0.87	-	0.9	0.4/30.8	47787	2001 UE ₃₄	2004 07 01.1	18 41.53	-23 17.1	21.4	-0.98	-	2.5	0.1/01.1	48135
2001 VM ₉₃	2004 06 30.8	18 40.76	-23 07.8	20.5	-1.01	-	4.3	0.0/30.9	30547	2000 XY ₈	2004 07 01.1	18 41.58	-33 49.3	18.2	-0.97	-	4.8	3.3/29.9	9888
2001 UP ₁₃₁	2004 06 30.8	18 40.77	-29 47.7	19.1	-1.03	-	2.0	2.7/30.4	43448	2000 GB ₃₄	2004 07 01.1	18 41.63	-28 00.8	18.2	-1.02	-	1.3	2.5/30.8	41628
2001 UJ ₁₉	2004 06 30.8	18 40.79	-30 38.3	18.7	-1.15	-	3.9	3.1/30.2	48133	2001 TD ₃	2004 07 01.1	18 41.70	-29 14.5	20.4	-1.10	-	1.5	2.3/30.7	26002
2002 CR ₁₅₆	2004 06 30.9	18 40.70	-27 30.9	19.7	-0.90	-	4.1	1.5/30.5	48207	2001 UR ₁₁₁	2004 07 01.1	18 41.71	-19 46.4	19.4	-0.96	+	1.1	1.8/01.3	20614
2000 DG ₇₁	2004 06 30.9	18 40.72	-32 02.2	19.7	-1.23	+	0.6	3.7/30.6	40056	2000 KS ₄₃	2004 07 01.1	18 41.75	-11 39.1	18.0	-0.92	+	1.1	4.9/01.5	47897
1999 FH ₄₆	2004 06 30.9	18 40.72	-30 08.6	19.8	-1.04	-	1.2	2.8/30.5	47774	2001 QZ ₈₀	2004 07 01.1	18 41.76	-16 48.7	18.4	-1.07	+	0.9	2.5/01.4	48051
2001 XB ₆₁	2004 06 30.9	18 40.73	-25 26.0	18.8	-0.88	-	3.8	0.8/30.7	48163	2001 UO ₇₄	2004 07 01.1	18 41.77	-07 29.4	20.4	-0.91	-	0.3	5.5/02.0	48138
2000 EN ₁₃₂	2004 06 30.9	18 40.78	-34 10.9	19.4	-1.15	+	0.6	5.4/30.5	47869	2000 GD ₉₃	2004 07 01.1	18 41.80	-20 33.6	18.4	-1.03	-	3.7	1.2/01.4	41632
2000 SO ₇₇	2004 06 30.9	18 40.81	-24 14.4	20.1	-0.90	-	0.7	0.4/30.9	47947	2001 TR ₁₄₆	2004 07 01.1	18 41.80	-25 49.3	19.4	-1.10	-	3.3	1.1/30.9	48126
2002 AJ ₄₄	2004 06 30.9	18 40.81	-20 11.8	20.8	-0.88	-	1.3	1.0/01.1	48186	2001 XY ₁₄₃	2004 07 01.1	18 41.81	-20 47.2	19.7	-0.97	-	0.5	0.9/01.3	47025
2001 TV ₆₅	2004 06 30.9	18 40.84	-20 21.6	18.9	-1.08	+	0.2	1.3/01.0	30479	2000 OB ₄₁	2004 07 01.1	18 41.85	-04 42.0	19.4	-0.93	+	0.8	6.4/01.7	47905
2002 YN ₅	2004 06 30.9	18 40.85	+05 17.6	20.8	-0.89	+	1.2	8.4/02.5	48306	2001 TP ₆₅	2004 07 01.1	18 41.86	-25 47.5	19.5	-1.11	-	1.8	1.1/31.0	30479
2002 AG ₁₁	2004 06 30.9	18 40.85	-24 59.7	19.4	-0.85	-	0.9	0.6/30.8	62385	2001 YH ₇₉	2004 07 01.1	18 41.87	-29 37.8	19.2	-0.95	+	1.8	2.4/31.0	48178
1999 UD ₁₀	2004 06 30.9	18 40.88	-12 50.4	18.6	-1.39	+12.0		5.1/30.1	40024	1999 CT ₂₇	2004 07 01.1	18 41.90	-44 39.5	20.2	-1.28	+	0.1	8.4/30.4	50403
2000 WO ₄₀	2004 06 30.9	18 40.90	-06 16.1	18.3	-0.86	+	3.6	5.6/30.9	9871	2001 VK ₂₄	2004 07 01.1	18 41.91	-28 58.1	19.2	-1.01	-	2.3	2.5/30.7	50572
2000 VU ₄₂	2004 06 30.9	18 40.92	-29 38.4	20.6	-0.88	-	0.8	1.9/30.5	47985	2001 VW ₅	2004 07 01.1	18 41.92	+07 23.9	22.6	-0.83	+	1.4	8.2/02.4	48146
2001 UU ₁₇	2004 06 30.9	18 40.93	+14 14.7	20.1	-0.84	-	1.1	9.7/04.1	49936	2002 AW ₁₇₆	2004 07 01.1	18 41.92	-33 40.0	18.9	-0.98	+	1.0	3.6/30.7	27426
2000 OS ₁₉	2004 06 30.9	18 40.93	-16 02.9	18.1	-0.94	+	0.2	3.1/01.3	47904	2000 QA ₈₅	2004 07 01.1	18 41.93	-32 46.6	19.6	-1.15	+	1.4	3.4/30.8	13693
2001 XD ₅₄	2004 06 30.9	18 40.95	-20 58.9	19.0	-1.05	-	1.1	1.0/01.1	48162	1999 RH ₁₅₅	2004 07 01.1	18 42.00	-33 38.2	17.7	-0.98	+	3.0	4.0/01.1	50418
2001 SL ₅₂	2004 06 30.9	18 41.02	-14 53.4	19.8	-0.99	-	2.2	3.1/01.6	48089	2001 UC ₈₃	2004 07 01.1	18 42.00	-21 10.5	19.9	-1.02	-	2.0	0.7/01.3	23869
2001 QY ₂₂	2004 06 30.9	18 41.06	-17 46.9	18.8	-1.08	-	1.2	2.5/01.3	48047	2000 OS ₂₉	2004 07 01.1	18 42.00	-25 18.0	17.3	-1.06	+	4.4	0.9/01.2	47904
2000 QE ₁₄₆	2004 06 30.9	18 41.07	-26 12.8	18.6	-1.02	-	2.7	1.2/30.7	13706	6812 P-L	2004 07 01.1	18 42.01	-11 57.8	20.4	-0.98	-	2.1	4.6/02.0	48388
2000 NF ₁₉	2004 06 30.9	18 41.10	-27 59.6	18.4	-1.01	+	0.8	2.4/30.8	13669	2003 BE ₃	2004 07 01.1	18 42.02	-18 28.6	18.8	-0.95	+	0.2	1.8/01.4	43261
1997 AW ₂₀	2004 06 30.9	18 41.15	-23 39.3	18.1	-1.07	+	1.1	0.3/31.0	16009	1996 OZ	2004 07 01.2	18 41.94	-40 45.5	18.9	-1.52	+10.0		7.5/02.1	33008
2000 SQ ₃₂	2004 06 30.9	18 41.17	-30 07.3	20.3	-0.97	-	1.7	2.3/30.5	47942	2001 XH ₂₄₀	2004 07 01.2	18 41.96	-27 20.3	18.9	-1.02	-	2.1	1.7/30.9	48173
2000 SF ₁₆₅	2004 06 30.9	18 41.18	-20 38.2	19.0	-0.99	+	2.3	0.9/01.0	13764	2001 YV ₉₅	2004 07 01.2	18 41.96	-25 44.7	19.5	-0.89	-	1.6	0.9/01.0	48180
2001 QC ₃₃₀	2004 06 30.9	18 41.18	-30 15.8	19.4	-1.21	-	2.7	3.0/30.4	46578	1997 WT ₁₂	2004 07 01.2	18 41.97	-25 41.2	21.3	-1.07	-	1.4	1.0/01.0	37072
2001 QT ₂₇	2004 06 30.9	18 41.18	-29 26.4	18.0	-1.13	-	0.3	3.2/30.6	25909	2001 PM ₄₃	2004 07 01.2	18 41.97	-44 35.3	20.5	-1.53	+	4.2	7.6/01.0	17723
1999 VA ₈₃	2004 06 30.9	18 41.27	-62 57.6	18.8	-2.05	-	5.2	20.5/24.9	47821	2000 UP ₆₇	2004 07 01.2	18 42.01	-46 21.1	19.3	-1.09	-	1.3	7.5/29.5	47980
2000 GK ₉₂	2004 07 01.0	18 41.14	-07 41.8	18.0	-0.92	-	2.0	8.0/02.1	47881	2001 YF ₁₂₇	2004 07 01.2	18 42.06	-30 00.2	19.6	-0.98	-	1.8	2.4/30.7	27367
2001 SX ₂₆₇	2004 07 01.0	18 41.16	-40 52.8	20.5	-1.20	-	2.9	5.9/29.4	46681	2000 RC ₁₉	2004 07 01.2	18 42.09	-35 13.9	18.1	-1.10	+	3.3	5.0/01.1	47932
2000 WL ₄	2004 07 01.0	18 41.16	-25 40.0	18.2	-0.94	+	2.0	0.9/30.9	30423	2002 CP ₅₆	2004 07 01.2	18 42.21	-21 04.1	21.6	-0.74	-	0.8	0.5/01.4	27472
2001 XA ₁₉₃	2004 07 01.0	18 41.19	-14 55.3	19.2	-0.94	-	5.7	3.0/01.9	27789	1998 HQ ₁₇	2004 07 01.2	18 42.28	-24 08.4	18.3	-0.89	+	1.5	0.4/01.2	47729
2000 JE ₃₈	2004 07 01.0	18 41.19	-22 22.2	20.3	-1.06	-	0.9	0.3/01.1	47893	2001 QR ₁₆₉	2004 07 01.2	18 42.29	-29 56.7	18.7	-1.21	0.0		3.2/30.9	46558
2001 XS ₁₁₀	2004 07 01.0	18 41.22	-29 43.2	19.9	-0.99	-	3.3	2.2/30.4	47012	1998 HA ₂₅	2004 07 01.2	18 42.31	-13 48.6	19.4	-0.81	-	3.2	3.1/02.2	50384
2000 UC ₁₀₇	2004 07 01.0	18 41.27	-27 52.7	20.3	-0.89	-	3.4	1.4/30.6	47982	1998 XP ₁₇	2004 07 01.2	18 42.35	-21 56.8	19.7	-1.05	-	1.8	0.4/01.4	50400
2000 UD ₁₀₀	2004 07 01.0	18 41.33	-33 34.3	20.1	-0.94	-	1.7	3.3/30.2	47982	2001 TE ₇₁	2004 07 01.2	18 42.36	-05 51.0	19.6	-0.90	+	0.5	6.0/02.2	46728
2001 YC ₆₅	2004 07 01.0	18 41.34	-24 51.7	20.8	-0.85	-	1.2	0.5/30.9	50583	2000 OA ₆	2004 07 01.2	18 42.39	-20 39.7	18.6	-0.98	+	2.0	0.8/01.3	47903

2001 XP ₁₇₂	2004 07 01.2	18 42.40	-17 43.6	16.4	-1.06	+	7.1	2.5/01.1	48169
2001 SD ₂₁₅	2004 07 01.2	18 42.40	-25 48.1	19.2	-1.14	-	2.7	1.3/01.1	48103
2001 SU ₁₀₇	2004 07 01.2	18 42.44	-11 12.5	17.2	-1.02	+	6.4	6.3/30.8	25972
2000 OJ ₂₃	2004 07 01.3	18 42.35	-21 04.3	16.5	-0.91	-	6.9	1.0/01.6	43374
2001 QC ₂₀₁	2004 07 01.3	18 42.39	-41 11.6	19.1	-1.21	-	0.1	6.3/30.2	46565
1997 SF ₁₀	2004 07 01.3	18 42.41	-26 20.7	18.6	-1.08	-	2.2	1.3/01.1	47714
2001 UU ₃	2004 07 01.3	18 42.41	-17 42.1	20.4	-1.05	-	3.3	2.4/01.8	48132
2001 YH ₁₂₇	2004 07 01.3	18 42.41	-32 08.7	19.5	-1.08	-	1.7	3.6/30.6	47110
2000 WP ₁₅₉	2004 07 01.3	18 42.42	-42 34.2	20.3	-1.00	-	3.2	5.3/29.4	47993
2000 UU ₆₇	2004 07 01.3	18 42.42	-13 22.5	20.0	-0.82	+	1.3	3.0/01.7	27736
2003 EB ₁₀	2004 07 01.3	18 42.45	-31 00.6	19.3	-1.02	+	1.0	3.0/01.0	47325
1998 SC ₁₁₉	2004 07 01.3	18 42.45	-34 18.9	19.8	-1.25	-	1.5	4.7/30.5	53591
2001 QV ₂₃₃	2004 07 01.3	18 42.46	-55 34.3	20.8	-1.64	+	1.4	11.0/29.9	48063
2000 FE ₃₃	2004 07 01.3	18 42.49	-34 45.9	19.3	-1.16	-	3.3	5.4/30.3	47873
2001 YZ ₁₃₀	2004 07 01.3	18 42.64	-30 09.3	20.3	-1.03	-	2.7	2.2/30.7	30602
1999 VZ ₄₅	2004 07 01.3	18 42.73	+02 57.6	18.0	-1.27	+13.8		13.9/28.1	50434
2003 EV ₄₃	2004 07 01.3	18 42.76	-24 20.5	19.4	-0.85	-	1.6	0.4/01.3	47371
2001 XV ₆₈	2004 07 01.3	18 42.78	-20 21.7	20.5	-0.96	-	0.9	0.9/01.6	62383
2001 YG ₁₁₂	2004 07 01.3	18 42.78	-15 51.6	18.4	-1.10	+	6.7	3.3/01.1	26108
2001 QV ₁₆₁	2004 07 01.3	18 42.84	-26 51.2	18.4	-1.10	-	2.8	1.9/01.1	20907
2001 SS ₃₁₆	2004 07 01.4	18 42.77	-31 09.8	20.7	-1.10	+	0.5	2.7/01.0	30471
2003 DX ₇	2004 07 01.4	18 42.81	-20 45.9	21.0	-1.04	-	0.7	0.8/01.5	48327
2000 GL	2004 07 01.4	18 42.82	-31 41.6	17.7	-0.99	-	2.8	4.6/30.6	23523
2002 VD ₁₁₀	2004 07 01.4	18 42.86	-13 38.0	18.1	-1.35	+14.0		5.0/30.5	41261
1994 RW ₁₃	2004 07 01.4	18 42.87	-07 39.9	20.8	-0.75	-	0.8	4.2/02.4	47693
2001 TO ₂₀₈	2004 07 01.4	18 42.89	-26 00.7	21.0	-1.07	-	1.0	1.1/01.2	48130
2001 WH ₄₈	2004 07 01.4	18 42.90	-21 01.1	19.7	-0.97	-	3.5	0.7/01.6	48158
2002 CV ₂₆	2004 07 01.4	18 42.92	-39 11.9	19.2	-1.04	+	2.4	5.3/01.0	48199
2001 RY ₄₈	2004 07 01.4	18 42.92	-11 58.3	17.8	-1.11	-15.5		5.2/03.7	20953
2003 EV ₅₇	2004 07 01.4	18 42.93	-20 09.1	16.8	-0.87	-	7.7	1.1/01.9	50752
2003 FH ₁₀₁	2004 07 01.4	18 42.94	-10 11.8	19.8	-0.80	-	1.5	4.5/02.4	47473
2000 CN ₅₄	2004 07 01.4	18 42.95	-16 28.0	18.4	-1.00	-	1.6	3.3/01.9	47850
2000 QP ₁₉	2004 07 01.4	18 42.97	-30 03.4	18.6	-1.04	-	0.5	3.1/01.0	47911
2001 US ₇₅	2004 07 01.4	18 42.97	-42 06.5	19.6	-1.30	-	6.3	7.7/28.8	30515
2001 UT ₄₅	2004 07 01.4	18 43.02	-26 52.7	20.2	-1.03	-	2.2	1.4/01.2	50568
2001 UK ₁₁₇	2004 07 01.4	18 43.04	-25 15.4	19.8	-0.99	-	1.7	0.8/01.3	30520
2001 SV ₇₇	2004 07 01.4	18 43.04	+21 21.3	19.4	-0.87	-	6.1	20.6/13.6	48091
2000 CQ ₉₀	2004 07 01.4	18 43.05	-13 25.7	18.0	-1.00	+	3.0	5.1/01.6	53644
1997 PP ₃	2004 07 01.4	18 43.06	-33 41.4	19.3	-1.17	-	0.4	4.5/30.8	50379
2000 UO ₁₀₁	2004 07 01.4	18 43.07	-36 25.0	19.9	-0.96	-	0.8	4.1/30.6	29490
2001 SH ₂₂₃	2004 07 01.4	18 43.09	-19 12.7	20.8	-1.08	-	1.2	1.6/01.7	48104
2001 YK ₅₆	2004 07 01.4	18 43.12	-19 56.3	20.9	-0.95	+	2.2	0.9/01.5	30596
1998 SE ₇₈	2004 07 01.4	18 43.12	-20 28.0	19.5	-1.12		0.0	1.1/01.6	43336
2000 VH ₅₈	2004 07 01.4	18 43.13	-25 36.2	20.8	-0.84	-	0.1	0.7/01.3	47986
1999 FO ₈	2004 07 01.4	18 43.15	+20 11.7	19.4	-0.88		0.0	14.0/05.0	47773
2001 VS ₁₀₈	2004 07 01.4	18 43.17	-22 41.5	18.9	-0.99	-	0.1	0.1/01.5	50575
2000 TT ₄₉	2004 07 01.4	18 43.21	-20 05.3	19.7	-0.85	-	3.4	0.9/01.8	30409
2002 CQ ₁₉₅	2004 07 01.4	18 43.24	-13 12.4	21.6	-0.78	-	2.5	2.9/02.3	48209
2002 AE ₅₈	2004 07 01.4	18 43.24	-20 05.0	20.5	-0.94	-	1.6	1.0/01.7	30610
2001 XK ₁₀₂	2004 07 01.5	18 43.18	-29 35.3	20.9	-0.97	-	1.9	2.1/01.0	47008
1999 RE ₁₆₅	2004 07 01.5	18 43.19	-42 41.0	19.3	-1.07	+	1.4	6.6/30.6	47794

2002 XP ₄	2004 07 01.5	18 43.22	-17 55.8	20.3	-0.98	-	0.6	1.8/01.8	48302
2002 AE ₈₉	2004 07 01.5	18 43.27	-14 22.9	19.1	-0.79	-	2.4	2.8/02.3	47142
2001 UM ₆	2004 07 01.5	18 43.27	-18 43.1	18.6	-0.99	-	0.6	2.3/01.8	23846
2000 WS ₃₈	2004 07 01.5	18 43.31	-20 18.3	19.5	-0.81	-	2.5	0.8/01.8	47988
2001 QA ₂₂₀	2004 07 01.5	18 43.32	-36 03.8	18.8	-1.18	+	3.0	4.8/01.3	48062
2001 UG ₂₅	2004 07 01.5	18 43.33	-35 41.7	20.1	-1.14	-	0.3	4.2/30.8	30507
2000 TH ₂₉	2004 07 01.5	18 43.34	-25 02.1	17.5	-0.94	+	2.2	0.7/01.5	47972
2000 SS ₁₆₇	2004 07 01.5	18 43.37	-16 00.8	18.6	-0.94	+	1.7	3.0/01.7	47955
2000 JJ ₈₂	2004 07 01.5	18 43.39	-24 38.4	19.4	-1.02	-	0.8	0.8/01.4	47895
2003 FZ ₈₅	2004 07 01.5	18 43.41	-16 35.1	21.1	-0.84	-	0.1	1.9/01.9	47458
1999 JS ₁₂₉	2004 07 01.5	18 43.43	-20 37.2	19.1	-0.94	-	4.0	0.8/01.8	47782
2003 CK ₂	2004 07 01.5	18 43.53	-09 04.3	20.9	-0.81	-	3.2	4.2/03.0	47296
1995 UL ₆₉	2004 07 01.5	18 43.54	-24 10.5	19.5	-1.11	+	0.5	0.6/01.5	62215
2003 AW ₈₀	2004 07 01.5	18 43.58	-37 29.4	20.9	-1.06	-	4.6	3.9/30.1	48315
2001 YJ ₁₃₆	2004 07 01.5	18 43.60	-40 23.7	19.8	-1.11	-	0.8	5.8/30.5	47113
2003 DB ₁₈	2004 07 01.5	18 43.61	-27 15.9	20.1	-1.03	-	1.9	1.6/01.3	50747
1978 VJ ₄	2004 07 01.5	18 43.62	-18 27.3	19.7	-1.03	+	0.1	1.8/01.8	47679
2001 UZ ₁₁₁	2004 07 01.5	18 43.62	-28 39.3	20.2	-1.01	-	1.2	1.9/01.2	46818
2003 AB ₁₄	2004 07 01.5	18 43.64	-15 51.2	18.6	-0.96	-	5.5	2.7/02.4	43485
2000 SM ₂₃₅	2004 07 01.6	18 43.60	-24 49.9	20.2	-0.85	-	1.0	0.5/01.5	30401
2001 TP ₅₃	2004 07 01.6	18 43.62	-13 17.5	20.5	-0.99	-	0.8	3.8/02.2	46719
2001 XB ₂₀₇	2004 07 01.6	18 43.66	-18 02.8	20.0	-0.95	-	2.1	1.7/02.0	47051
1999 RQ ₅₆	2004 07 01.6	18 43.70	-05 12.5	18.7	-0.77	-	3.7	7.2/03.5	33818
2003 AS ₂	2004 07 01.6	18 43.71	-02 14.8	17.8	-1.24	-13.8		9.8/05.0	47246
2002 CX ₁₆	2004 07 01.6	18 43.71	-30 07.2	20.3	-1.11		0.0	2.4/01.2	30638
2001 QF ₁₉₈	2004 07 01.6	18 43.71	-22 32.5	18.4	-1.06	+	0.9	0.2/01.6	50546
2001 WZ ₄₇	2004 07 01.6	18 43.72	-29 19.0	19.6	-1.03	-	4.9	2.1/30.9	46947
2001 XJ ₅₀	2004 07 01.6	18 43.74	-24 50.9	20.4	-0.94	-	1.8	0.6/01.5	46978
2001 VJ ₃₄	2004 07 01.6	18 43.78	-27 36.0	19.8	-0.97	-	2.4	1.4/01.3	30536
2001 TC ₉₃	2004 07 01.6	18 43.78	-34 36.4	20.6	-1.15	-	0.5	4.0/30.9	30483
2001 QZ ₁₁₆	2004 07 01.6	18 43.78	-29 24.0	18.8	-1.18	+	2.0	3.0/01.4	25918
2001 VV ₃₀	2004 07 01.6	18 43.79	-26 31.3	19.2	-1.02	-	0.6	1.4/01.4	46875
1999 RG ₄₄	2004 07 01.6	18 43.81	-11 33.9	18.7	-0.81	-	4.3	4.7/02.8	47788
1997 GG ₁₆	2004 07 01.6	18 43.84	-21 03.5	17.7	-1.03	-	2.1	1.0/01.8	41529
2000 UK ₁₀₅	2004 07 01.6	18 43.86	-18 18.0	20.5	-0.90	-	2.5	1.7/02.0	47982
2000 JF ₃₉	2004 07 01.6	18 43.93	-23 58.1	19.3	-0.95	-	0.5	0.5/01.6	50475
2000 UK ₁₅	2004 07 01.6	18 43.94	-23 43.9	20.8	-0.83	-	1.0	0.2/01.6	33282
2001 SR ₁₄₉	2004 07 01.6	18 43.97	-31 27.6	17.7	-1.11	+	1.2	3.8/01.4	43426
2001 WA ₄₁	2004 07 01.6	18 43.98	-16 36.7	20.3	-0.98	-	1.6	2.2/02.1	46944
2002 AU ₂₃	2004 07 01.6	18 44.06	-29 14.0	20.3	-0.95	-	2.7	2.1/01.2	47126
1997 SK ₂	2004 07 01.6	18 44.07	-28 14.0	19.4	-1.08	-	4.2	2.4/01.2	25692
2001 VD ₆₆	2004 07 01.6	18 44.08	-39 21.2	20.3	-1.11	-	3.2	5.2/30.1	46895
2001 SZ ₂₇₈	2004 07 01.7	18 44.01	-32 00.4	20.3	-1.20	-	1.5	3.6/01.0	46687
2001 QO ₂₄₉	2004 07 01.7	18 44.07	-36 16.5	19.2	-1.25	-	2.0	6.1/30.6	23676
2001 TN ₁₉	2004 07 01.7	18 44.07	-22 17.1	18.0	-1.04	+	4.2	0.3/01.7	50561
2000 KK ₈₂	2004 07 01.7	18 44.08	-13 30.9	19.5	-1.03	-	0.5	3.8/02.2	47899
2003 FT ₉₇	2004 07 01.7	18 44.09	-28 50.0	20.1	-1.02	+	1.7	1.8/01.5	47471
2000 WR ₁₈₂	2004 07 01.7	18 44.14	-13 51.2	19.9	-0.80	-	3.9	2.7/02.7	47995
2001 XB ₇	2004 07 01.7	18 44.20	-17 48.7	20.1	-0.90	+	0.5	1.8/02.0	46958
2001 TN ₇₅	2004 07 01.7	18 44.24	-21 22.0	19.6	-1.02	-	2.0	0.6/01.9	46731
2001 XY ₂₄₉	2004 07 01.7	18 44.29	-24 29.0	19.3	-0.86	-	3.6	0.4/01.6	47068

2001 WM ₇₂	2004 07 01.7	18 44.32	-17 28.7	23.2	-0.95	-	0.5	1.8/02.1	26062
2001 TW ₁₂₄	2004 07 01.7	18 44.34	-02 06.3	21.4	-0.90	+	1.1	6.3/02.6	23824
2001 VE ₅₀	2004 07 01.7	18 44.36	-40 14.8	20.8	-1.14	-	0.8	5.6/30.6	46888
4041 T-3	2004 07 01.7	18 44.36	-11 21.4	21.4	-0.76	-	1.0	3.2/02.6	30774
2000 SL ₂₁₄	2004 07 01.7	18 44.37	-02 46.3	20.3	-0.78	-	1.1	5.9/03.2	47959
2001 PW ₆	2004 07 01.7	18 44.38	-24 40.7	19.2	-1.17	+	0.5	0.8/01.7	50540
2001 XX ₂₅₀	2004 07 01.7	18 44.45	-21 34.4	19.3	-1.04	-	1.0	0.7/01.9	27791
1999 BU ₆	2004 07 01.7	18 44.53	-47 15.4	19.2	-1.30	-	0.4	7.9/30.6	47764
2000 QW ₁₇₈	2004 07 01.8	18 44.50	-21 33.5	18.2	-0.95	+	0.8	0.5/01.9	47926
2001 RK ₆₇	2004 07 01.8	18 44.54	-02 21.9	17.5	-0.88	+	1.1	10.8/02.9	48074
2001 RG ₆₉	2004 07 01.8	18 44.57	-15 49.8	18.8	-1.02	+	1.6	3.8/02.0	46589
2001 YE ₁₂₃	2004 07 01.8	18 44.57	-35 47.7	20.4	-0.94	-	1.9	3.7/30.8	47108
2001 VK ₆₂	2004 07 01.8	18 44.59	-12 04.8	18.3	-0.94	+	3.3	4.6/02.0	43454
2001 UA ₄₂	2004 07 01.8	18 44.63	-27 21.3	19.5	-1.10	-	2.2	1.7/01.5	30510
2001 TF ₁₄₇	2004 07 01.8	18 44.63	-03 42.5	20.7	-0.90	-	2.1	7.2/03.5	50564
2000 QU ₃₈	2004 07 01.8	18 44.66	-36 52.4	19.0	-1.16	+	1.8	5.2/01.3	30365
2000 SO ₄₆	2004 07 01.8	18 44.68	-23 54.9	18.9	-1.04	+	4.6	0.3/01.9	47944
2003 BK ₄₂	2004 07 01.8	18 44.69	-09 22.2	20.1	-0.89	-	1.8	4.7/03.0	48319
2002 BP ₂₂	2004 07 01.8	18 44.70	-45 48.5	18.2	-1.29	-	2.1	8.8/29.6	48196
2000 SZ ₂₉₂	2004 07 01.8	18 44.74	-18 03.8	19.6	-0.89	+	2.0	1.7/02.0	47965
2000 QN ₁₄₈	2004 07 01.8	18 44.82	-31 10.4	21.1	-1.05	+	0.1	2.8/01.4	27006
2003 FD ₄	2004 07 01.8	18 44.83	+16 18.0	20.1	-0.85	-	1.9	13.3/05.6	47393
1996 VA	2004 07 01.8	18 44.83	-31 42.5	20.1	-0.98	-	1.0	2.7/01.3	23434
2001 SC ₂₆₁	2004 07 01.8	18 44.84	-07 17.8	19.9	-0.93	+	2.8	5.3/02.2	25993
1999 AY ₁₄	2004 07 01.8	18 44.87	-17 53.9	18.9	-1.04	-	6.3	2.3/02.5	47763
2001 SJ ₁₄₀	2004 07 01.8	18 44.91	-20 13.7	21.0	-1.02	-	1.0	1.0/02.1	48098
2003 BJ ₇₆	2004 07 01.9	18 44.85	-37 33.2	19.3	-1.09	-	4.1	6.0/30.4	47289
2002 VR ₈₄	2004 07 01.9	18 44.85	-17 40.2	18.3	-1.09	-	8.8	2.0/02.7	48299
2001 TH ₁₈₈	2004 07 01.9	18 44.90	-30 24.7	19.9	-1.06	-	1.2	2.7/01.4	48129
2001 TZ ₄₂	2004 07 01.9	18 44.95	-23 25.6	19.2	-1.07	+	2.1	0.1/01.9	38326
2001 SG ₁₁₀	2004 07 01.9	18 44.95	-39 09.6	19.1	-1.14	-	0.8	5.3/30.8	46641
2001 UB ₁₀₈	2004 07 01.9	18 44.98	-15 40.6	19.9	-0.90	-	0.8	2.6/02.4	48140
1998 RG ₂₃	2004 07 01.9	18 45.05	-25 30.9	18.8	-1.20	-	2.7	1.2/01.7	43336
2001 SO ₆₀	2004 07 01.9	18 45.05	-19 48.6	21.0	-1.05	-	1.2	1.2/02.2	50554
2003 FL ₁₃	2004 07 01.9	18 45.06	-18 32.3	19.7	-0.90	-	0.6	1.8/02.2	50754
2001 XD ₁₀	2004 07 01.9	18 45.10	-29 19.3	20.2	-1.05	-	1.5	2.3/01.5	46959
2003 EV ₂₄	2004 07 01.9	18 45.11	-05 21.2	19.7	-0.86	-	3.3	6.7/03.7	50750
2003 ER ₃₉	2004 07 01.9	18 45.11	-40 00.2	19.5	-1.13	-	4.7	6.1/30.0	47365
1996 RN ₁₁	2004 07 01.9	18 45.13	-13 51.7	19.8	-0.90	-	2.4	3.2/02.7	50376
2001 TB ₂₁	2004 07 01.9	18 45.18	-16 55.8	19.2	-1.01	+	2.3	2.2/02.1	46703
2000 UD ₉₂	2004 07 01.9	18 45.20	-25 50.3	19.7	-0.91	-	0.4	1.0/01.8	47981
2001 TL ₁₃₃	2004 07 01.9	18 45.20	-00 00.2	19.8	-0.88	-	2.2	8.6/04.1	50563
2001 XX ₁₄	2004 07 01.9	18 45.24	-33 41.4	19.4	-0.94	-	3.3	3.4/31.0	46961
1996 AU ₅	2004 07 01.9	18 45.25	-23 43.4	20.1	-0.82	-	2.1	0.2/01.9	47701
2001 XS ₂₁₂	2004 07 01.9	18 45.27	-34 17.2	18.1	-1.02	-	6.9	3.5/30.5	50580
2001 SV ₁₁₃	2004 07 02.0	18 45.27	-23 54.6	20.7	-1.08	-	0.6	0.3/02.0	46645
2001 TO ₁₈₉	2004 07 02.0	18 45.27	-21 23.3	17.7	-1.01	+	2.6	0.8/02.0	30494
2000 UE ₁₀₁	2004 07 02.0	18 45.30	-36 41.4	20.2	-0.97	-	1.4	4.0/30.9	29490
2000 SN ₇₇	2004 07 02.0	18 45.31	-23 32.7	19.9	-0.92	-	0.7	0.2/02.0	47947
2001 TR ₁₃	2004 07 02.0	18 45.31	-00 56.4	19.3	-0.89	-	1.9	7.4/03.6	48114
2000 WB ₁₃₃	2004 07 02.0	18 45.33	-18 15.5	17.7	-0.92	+	4.3	1.7/02.0	47992

2001 XP ₁₁₅	2004 07 02.0	18 45.33	-30 10.2	18.2	-1.06	-	2.6	2.6/01.4	26078
1995 CQ ₇	2004 07 02.0	18 45.34	-21 46.9	20.5	-1.06	-	0.7	0.5/02.1	47695
2000 TF ₆₈	2004 07 02.0	18 45.34	-19 34.8	20.5	-0.81	-	0.5	1.0/02.2	50498
2001 XR ₁₃	2004 07 02.0	18 45.39	-31 42.5	19.5	-0.99	-	2.5	3.1/01.3	48159
2000 AG ₄	2004 07 02.0	18 45.40	-24 08.6	18.0	-1.25	-11.5	0.5/01.8	47838	
2001 UX ₁₂	2004 07 02.0	18 45.40	-21 55.1	19.4	-1.07	-	2.0	0.5/02.1	46782
2001 GA ₆	2004 07 02.0	18 45.41	+17 27.0	20.2	-1.11	+	0.6	19.0/05.5	50533
1999 TO ₁₇	2004 07 02.0	18 45.44	-59 07.9	18.5	-2.03	-	5.6	16.3/26.1	47800
2000 WK ₁₆₉	2004 07 02.0	18 45.50	-29 23.5	18.9	-0.91	-	4.5	1.8/01.3	47994
2000 FM ₄₄	2004 07 02.0	18 45.50	-31 00.4	17.7	-1.12	-	2.8	3.8/01.4	50469
2000 OH ₅₂	2004 07 02.0	18 45.51	-19 49.3	18.1	-0.90	-	1.4	1.5/02.3	50479
1999 CL ₁₁₅	2004 07 02.0	18 45.52	-13 23.9	19.6	-0.99	+	1.8	3.7/02.4	47769
2003 FR ₁₂	2004 07 02.0	18 45.53	-58 37.5	18.7	-1.59	+	0.2	13.1/29.7	48343
1991 PC ₁₂	2004 07 02.0	18 45.53	+05 09.4	16.2	-0.47	-	0.4	16.3/04.6	62209
2000 GQ ₁₃₄	2004 07 02.0	18 45.57	-19 36.2	17.5	-0.97	-	4.3	1.7/02.4	47883
2001 YS ₉	2004 07 02.0	18 45.58	-30 27.6	19.1	-0.95	-	4.3	2.5/01.3	47075
2001 SA ₁₄₇	2004 07 02.0	18 45.58	-17 14.8	21.5	-1.06	-	1.0	2.2/02.4	25976
2003 BH ₇₂	2004 07 02.0	18 45.66	-14 43.3	20.2	-0.91	+	2.6	2.9/02.3	48322
2003 BO ₂₇	2004 07 02.0	18 45.67	-20 21.9	21.2	-0.97	-	0.1	0.9/02.2	48318
2001 SE ₂₂	2004 07 02.0	18 45.72	-19 46.3	20.3	-1.06	-	0.8	1.2/02.3	50553
2001 SS ₃₈	2004 07 02.1	18 45.67	-26 59.2	20.3	-1.02	-	1.6	1.3/01.8	46616
2000 QJ ₂₄₂	2004 07 02.1	18 45.68	-30 46.5	20.1	-1.00	-	0.2	2.9/01.6	47930
2001 SL ₂₄₇	2004 07 02.1	18 45.71	-36 16.8	19.8	-1.19	-	2.8	5.5/30.9	25990
2000 WL ₁₈₈	2004 07 02.1	18 45.74	-37 03.7	18.0	-0.97	-	1.0	4.5/01.1	47995
2003 BD ₇₈	2004 07 02.1	18 45.74	-26 15.7	18.8	-1.02	-	3.6	1.1/01.8	50742
2000 WV ₁₆₁	2004 07 02.1	18 45.74	-17 42.7	18.9	-0.84	-	4.0	1.8/02.7	47993
2000 ER ₈₆	2004 07 02.1	18 45.76	-23 43.6	18.3	-1.11	+	0.7	0.3/02.1	47866
2000 UE ₉₃	2004 07 02.1	18 45.81	-23 18.6	20.3	-0.87	+	0.3	0.1/02.1	47981
2001 YD ₂₂	2004 07 02.1	18 45.84	-21 48.3	19.3	-0.93	+	1.2	0.4/02.2	50582
2001 QG ₄₈	2004 07 02.1	18 45.86	-32 45.8	19.5	-1.23	+	0.8	4.3/01.7	43404
1994 WZ ₇	2004 07 02.1	18 45.88	-11 44.9	19.6	-1.00	-	1.1	4.9/02.8	47694
2000 TK ₃₀	2004 07 02.1	18 45.89	-03 28.8	22.3	-0.79	-	0.9	5.7/03.4	25271
2001 UY ₅₀	2004 07 02.1	18 45.89	-24 00.3	17.7	-1.04	-	9.0	0.5/02.0	48137
2000 RP ₇₆	2004 07 02.1	18 45.90	-36 22.3	18.6	-1.11	+	0.1	5.2/01.3	47937
2000 KL ₁₀	2004 07 02.1	18 45.90	-25 08.8	19.9	-1.08	-	2.0	0.9/02.0	43369
2002 AR ₄₇	2004 07 02.1	18 45.99	-14 00.0	19.3	-0.97	-	7.3	3.6/03.4	29749
2001 XL	2004 07 02.1	18 46.05	-02 21.8	19.6	-0.93	-	5.6	6.5/04.7	27782
2002 AR ₁₇₉	2004 07 02.1	18 46.08	-20 06.2	20.8	-0.81	-	2.1	0.8/02.4	48193
2001 XV ₈₉	2004 07 02.1	18 46.09	-40 29.6	19.8	-1.13	-	4.2	6.2/30.3	43461
2000 SA ₂₀₈	2004 07 02.1	18 46.11	-29 22.7	19.3	-0.93	-	1.8	2.1/01.7	30399
2001 SE ₁₀₈	2004 07 02.1	18 46.11	-27 04.9	17.6	-1.08	+	1.3	1.8/02.0	48094
2001 UC ₃₃	2004 07 02.1	18 46.14	-20 56.4	18.9	-1.11	-	3.2	0.9/02.4	23853
2001 RU ₈₀	2004 07 02.1	18 46.15	-29 17.0	18.9	-1.13	-	4.9	2.3/01.5	25946
2003 AA ₄₂	2004 07 02.1	18 46.17	-30 49.8	20.2	-1.12	+	5.3	2.5/02.3	48311
2001 YM ₁₂₃	2004 07 02.2	18 46.09	-39 55.5	16.6	-0.97	-	4.2	8.9/30.1	50584
2000 QX ₂₀₆	2004 07 02.2	18 46.10	-35 43.6	19.0	-1.12	-	0.9	4.6/01.2	29265
2000 QA ₈₄	2004 07 02.2	18 46.13	-05 59.1	19.2	-0.82	-	2.4	5.8/03.7	47918
2002 AN ₁₄₄	2004 07 02.2	18 46.21	-17 53.0	20.9	-0.83	-	3.7	1.6/02.8	27409
2000 DM ₁₀₆	2004 07 02.2	18 46.25	-20 34.6	18.9	-1.06	-	5.1	1.1/02.5	47860
2000 UX ₆₅	2004 07 02.2	18 46.27	-11 12.1	19.7	-0.83	+	0.7	3.9/02.8	47979
2001 UM ₁₁₈	2004 07 02.2	18 46.28	-03 06.4	20.0	-0.89	+	0.9	7.1/03.2	43448

2001 XL ₆₉	2004 07 02.2	18 46.29	-17 29.3	19.6	-0.96	-	1.3	2.1/02.6	48164	2001 YS ₂₁	2004 07 02.5	18 47.60	-26 14.3	21.1	-1.03	-	2.0	1.1/02.3	30594
2001 TA ₁₇₄	2004 07 02.2	18 46.33	-22 58.8	20.9	-0.98	-	0.1	0.0/02.3	30492	2001 SN ₅₀	2004 07 02.5	18 47.69	-31 24.4	20.3	-1.19	-	4.2	3.8/01.7	48089
2001 TQ ₁₂₃	2004 07 02.2	18 46.39	-16 42.9	19.4	-1.13	+	5.1	3.3/02.2	23823	2001 SV ₈₃	2004 07 02.5	18 47.70	-32 51.8	19.9	-1.20	+	0.7	4.1/02.1	43423
2000 YZ ₇₉	2004 07 02.2	18 46.40	-20 48.6	18.9	-0.87	-	1.6	0.8/02.4	48000	2002 YO ₅	2004 07 02.5	18 47.78	+00 06.2	19.9	-0.99	+	3.9	7.6/03.1	48306
2000 RY ₄	2004 07 02.2	18 46.41	-26 45.2	18.6	-0.94	-	1.2	1.6/02.0	47931	2000 SE ₁₀₀	2004 07 02.5	18 47.79	-33 07.0	19.4	-1.11	+	1.8	3.9/02.2	29338
2001 UX ₅₄	2004 07 02.2	18 46.42	-34 33.2	20.0	-1.19	-	0.7	4.7/01.5	48137	2001 SH ₂₀₉	2004 07 02.6	18 47.72	-25 34.0	20.3	-1.06	-	2.0	1.0/02.4	61065
2001 XX ₂₃₁	2004 07 02.2	18 46.46	-29 16.8	19.6	-0.98	-	2.6	2.3/01.7	48173	2003 AV ₄₁	2004 07 02.6	18 47.74	-08 32.9	20.8	-0.92	-	3.8	4.8/04.2	43487
2001 UQ ₁₂₆	2004 07 02.2	18 46.49	-19 23.3	20.5	-0.95	-	0.9	1.3/02.5	50570	2001 QZ ₂₀₄	2004 07 02.6	18 47.74	-21 46.0	18.3	-1.13	+	1.6	0.6/02.6	43410
2001 VW ₁	2004 07 02.2	18 46.50	-16 05.8	19.6	-0.85	+	2.3	2.0/02.5	30529	2000 OL ₆₀	2004 07 02.6	18 47.74	-18 14.7	19.2	-0.97	-	2.3	2.0/03.0	47907
2000 SZ ₁₃₂	2004 07 02.2	18 46.51	-03 29.3	18.3	-0.86	+	3.4	8.6/02.7	13759	2000 VO ₃₇	2004 07 02.6	18 47.78	-20 59.4	20.7	-0.88	-	1.1	0.6/02.8	47985
2001 QY ₂₉₅	2004 07 02.2	18 46.52	-43 59.5	19.0	-1.21	-	0.9	7.0/30.9	48068	2002 AK ₁₂₁	2004 07 02.6	18 47.78	-15 53.7	19.8	-0.96	-	4.7	2.5/03.4	30618
2001 SC ₃	2004 07 02.2	18 46.55	-37 37.6	20.9	-1.30	-	1.7	6.3/01.0	23709	2001 RW ₁₀₄	2004 07 02.6	18 47.80	-34 22.1	21.1	-1.22	-	0.4	4.6/01.9	48078
2001 VK ₅₂	2004 07 02.2	18 46.58	-29 13.3	18.7	-1.16	-	1.2	2.8/01.9	30540	2000 SK ₁₂₂	2004 07 02.6	18 47.82	-00 35.6	19.6	-0.75	-	0.5	6.5/04.2	47951
1999 AW ₂₃	2004 07 02.3	18 46.48	-20 30.5	19.1	-1.00	-	4.2	0.9/02.6	47763	2000 QC ₉₅	2004 07 02.6	18 47.85	-21 19.9	19.3	-0.92	-	0.7	0.6/02.7	47919
1999 CY ₁₄₉	2004 07 02.3	18 46.50	-07 00.7	19.3	-0.90	-	2.9	6.1/03.8	50405	2001 XU ₁₀₆	2004 07 02.6	18 47.85	-24 36.6	20.7	-0.94	-	1.6	0.6/02.5	48166
2001 RQ ₆₆	2004 07 02.3	18 46.50	-15 38.4	19.4	-1.00	+	0.4	2.8/02.7	46589	2001 TR ₃₉	2004 07 02.6	18 47.88	-40 38.9	19.1	-1.20	-	1.9	7.0/01.0	50561
2000 HG ₂₁	2004 07 02.3	18 46.52	-23 53.6	19.2	-1.08	-	3.3	0.4/02.2	40098	2000 SB ₁₈₀	2004 07 02.6	18 47.92	-18 00.2	18.3	-0.88	+	1.5	1.6/02.8	47956
2000 UP ₇₄	2004 07 02.3	18 46.58	-24 37.9	20.2	-0.84	-	2.2	0.5/02.2	47980	2002 AN ₉	2004 07 02.6	18 47.96	-25 19.0	20.6	-0.85	-	0.2	0.7/02.5	27798
2001 TX ₇₆	2004 07 02.3	18 46.62	-14 24.6	20.8	-0.90	-	0.5	2.7/02.9	46732	2000 SG ₁₇₃	2004 07 02.6	18 47.98	-17 44.5	18.6	-1.02	+	6.5	2.4/02.5	47955
2002 TF ₉₆	2004 07 02.3	18 46.65	-23 23.7	18.9	-1.00	-	2.8	0.1/02.3	48285	2001 TR ₁₆₂	2004 07 02.6	18 47.98	-18 44.1	21.8	-0.96	-	0.5	1.4/02.9	46758
2001 TU ₁₆₀	2004 07 02.3	18 46.66	-24 16.1	18.4	-0.95	-	1.0	0.7/02.2	27776	2000 SB ₁₆₂	2004 07 02.6	18 48.01	-03 05.8	19.5	-0.91	+	3.2	8.1/02.7	10984
2001 UD ₁₅₃	2004 07 02.3	18 46.82	-25 16.8	19.6	-1.00	-	1.8	0.9/02.2	46838	2000 OF ₅₇	2004 07 02.6	18 48.04	-28 43.3	17.9	-1.03	+	0.1	2.4/02.3	47907
2001 QD ₂₃₁	2004 07 02.3	18 46.83	-11 43.2	20.2	-1.06	+	0.8	5.2/02.8	48063	2003 FM ₁₂₁	2004 07 02.6	18 48.07	-01 52.2	19.9	-0.79	-	1.2	7.2/04.5	47496
2000 PL ₁₀	2004 07 02.3	18 46.85	-41 12.4	17.7	-1.08	-	1.8	8.3/30.9	33879	2001 YB ₁₃₄	2004 07 02.6	18 48.11	-36 26.7	20.2	-0.94	-	3.0	3.8/01.4	47112
2001 TL ₁₆₄	2004 07 02.3	18 46.87	-29 55.1	21.0	-1.04	-	1.6	2.4/01.9	46759	2001 SO ₁₄₄	2004 07 02.6	18 48.12	-23 57.8	20.9	-1.10	-	0.6	0.4/02.6	48098
2001 XE ₆₅	2004 07 02.3	18 46.89	-22 51.2	19.1	-1.00	-	2.6	0.1/02.4	48163	2000 UA ₅₄	2004 07 02.6	18 48.13	-08 19.3	19.4	-0.78	-	0.1	4.3/03.6	47978
2000 RZ ₆	2004 07 02.3	18 46.92	-41 28.9	19.8	-1.04	-	1.8	5.6/30.7	47931	2000 WC ₁₆₈	2004 07 02.6	18 48.14	-05 58.3	20.1	-0.77	-	2.5	4.8/04.2	47994
2001 YA ₁₂₄	2004 07 02.3	18 46.95	-33 59.1	18.2	-1.14	-	1.5	5.5/01.5	48182	2000 JV ₅	2004 07 02.6	18 48.15	-30 33.5	17.8	-1.10	-	6.0	3.6/01.7	23540
2002 TW ₁₆₄	2004 07 02.3	18 46.95	+19 13.7	19.8	-1.09	-	2.8	19.2/07.7	50684	2003 BM ₁₁	2004 07 02.7	18 48.13	-31 10.8	19.0	-1.06	+	0.4	3.6/02.3	50738
2001 VR ₄₇	2004 07 02.4	18 46.90	-22 50.6	20.0	-0.98	-	0.7	0.1/02.4	46886	2000 TM ₄₁	2004 07 02.7	18 48.15	-09 54.0	20.2	-0.86	-	1.7	4.4/03.7	47972
2001 XK ₂₂₀	2004 07 02.4	18 46.96	-26 50.2	21.1	-1.10	-	1.3	1.5/02.1	27340	2001 SS ₁₆₇	2004 07 02.7	18 48.16	-20 09.8	19.1	-1.13	0.0	1.1/02.9	23755	
2001 TD ₁₀₄	2004 07 02.4	18 46.97	-08 27.5	19.8	-0.93	+	1.1	5.1/03.0	48122	2000 PE ₇	2004 07 02.7	18 48.21	-33 13.8	18.1	-1.13	+	4.6	4.3/02.7	47908
2000 UY ₂₈	2004 07 02.4	18 47.06	-20 05.3	21.1	-0.83	-	1.1	0.9/02.6	47976	1999 FQ ₂₁	2004 07 02.7	18 48.24	-01 16.4	19.4	-0.88	-	2.3	7.9/04.8	50406
2001 SF ₂₁₅	2004 07 02.4	18 47.09	-36 54.3	19.8	-1.24	-	3.0	6.3/01.1	48104	2000 UY ₅₆	2004 07 02.7	18 48.25	-28 43.7	19.5	-0.93	+	0.8	1.8/02.4	27735
2003 CM ₁₅	2004 07 02.4	18 47.10	-29 00.7	21.1	-1.14	-	1.8	2.3/02.0	62442	2003 BD ₁₇	2004 07 02.7	18 48.29	-44 09.3	19.7	-1.19	+	2.0	7.3/02.2	48317
2001 XH ₅₃	2004 07 02.4	18 47.13	-19 41.1	20.6	-0.92	-	0.5	1.1/02.7	46980	2002 AR ₂₂	2004 07 02.7	18 48.43	-28 37.5	20.5	-0.87	-	1.5	1.7/02.3	27374
2001 RN ₄₉	2004 07 02.4	18 47.16	-12 14.9	17.9	-0.99	+	1.1	5.3/02.9	23692	2001 XK ₁₉₈	2004 07 02.7	18 48.44	-17 22.9	20.0	-0.84	-	5.2	1.8/03.4	26087
2000 FJ ₄₇	2004 07 02.4	18 47.23	-23 29.9	18.8	-1.11	-	4.2	0.2/02.4	50469	2001 XP ₆₈	2004 07 02.7	18 48.46	-17 14.2	19.9	-0.95	+	1.1	1.7/03.0	31960
2002 CZ ₆₄	2004 07 02.4	18 47.31	-27 21.8	19.2	-0.89	-	3.8	1.4/02.0	30649	1997 EM ₄₂	2004 07 02.7	18 48.47	-32 38.5	19.1	-0.95	+	1.0	3.2/02.3	47710
2003 EK ₂₄	2004 07 02.4	18 47.35	-22 47.3	20.4	-0.99	-	1.9	0.1/02.5	50750	2000 GR ₁₄₉	2004 07 02.7	18 48.47	-24 04.1	18.3	-1.04	-	1.2	0.6/02.7	50472
2002 AF ₅₀	2004 07 02.4	18 47.36	-23 28.8	19.9	-1.05	+	0.2	0.2/02.5	30609	2001 TK ₅₉	2004 07 02.7	18 48.48	-22 54.0	21.0	-1.07	-	1.3	0.0/02.8	48118
2001 RZ ₁₂₅	2004 07 02.5	18 47.31	-31 23.1	19.6	-1.21	-	2.5	3.9/01.8	48079	2001 QY ₁₂	2004 07 02.7	18 48.49	-30 54.7	18.0	-1.21	+	1.2	4.2/02.4	25907
2003 EJ ₁₉	2004 07 02.5	18 47.34	-21 51.1	20.4	-1.07	-	0.7	0.4/02.6	62442	2001 DA ₇₇	2004 07 02.7	18 48.51	+16 52.4	20.7	-1.24	-	3.6	18.3/06.8	38291
2001 UU ₄₀	2004 07 02.5	18 47.35	-12 19.3	20.0	-0.99	-	0.7	4.3/03.2	23856	2002 CZ ₁₇	2004 07 02.7	18 48.55	-36 50.5	19.8	-0.98	+	1.9	4.4/02.3	48198
2001 QX ₆₇	2004 07 02.5	18 47.35	-14 28.5	19.8	-1.07	-	1.4	3.7/03.1	48050	2002 CJ ₂₈₅	2004 07 02.7	18 48.57	-27 55.3	19.3	-1.12	+	0.2	2.1/02.5	35162
2000 JO ₁	2004 07 02.5	18 47.44	-16 20.2	17.5	-0.97	+	1.9	3.5/02.7	43365	2000 YM ₁₂₁	2004 07 02.7	18 48.58	-00 39.5	19.9	-0.81	-	3.3	6.5/04.9	31933
2000 FE ₃₀	2004 07 02.5	18 47.44	-37 33.1	19.1	-1.17	-	2.1	7.0/01.3	47873	2000 AU ₁₅₂	2004 07 02.7	18 48.61	-20 07.3	17.7	-1.37	+11.9	1.4/02.6	19484	
2001 TG ₁₈₉	2004 07 02.5	18 47.51	-28 06.8	18.8	-1.15	+	0.1	2.3/02.3	30493	2000 SC ₂₆₂	2004 07 02.7	18 48.62	-25 41.4	20.3	-0.99	-	1.8	1.0/02.6	29401
1981 EV ₅	2004 07 02.5	18 47.52	-13 19.0	19.8	-0.81	+	0.6	3.0/03.0	47679	2000 HR ₁₃	2004 07 02.8	18 48.54	-19 55.8	17.9	-0.90	-	0.2	1.6/03.0	41639
2000 SX ₂₅	2004 07 02.5	18 47.54	+03 46.5	19.1	-0.81	-	0.4	12.3/04.1	13740	2002 CT ₂₉₇	2004 07 02.8	18 48.58	-19 18.8	20.9	-0.82	-	1.8	1.1/03.1	48213
2003 BH ₅₂	2004 07 02.5	18 47.54	-27 35.8	18.8	-1.05	+	1.8	1.9/02.4	43499	1998 GD ₁₀	2004 07 02.8	18 48.58	-28 15.1	18.6	-0.96	-	7.0	1.9/02.1	43333

2001 SH ₁₀₉	2004 07 02.8	18 48.60	-16 21.3	17.5	-1.02	+	4.0	2.6/02.9	46640
1999 RT ₁₈	2004 07 02.8	18 48.61	-35 11.5	18.0	-1.03	+	0.3	4.5/02.0	47787
2001 QS ₁₆₉	2004 07 02.8	18 48.64	-22 07.6	19.9	-0.98	-	0.3	0.3/02.9	48058
1999 NM ₁₀	2004 07 02.8	18 48.67	-16 50.4	18.6	-0.81	-	4.7	2.6/03.5	29049
2001 SN ₁₅	2004 07 02.8	18 48.68	-30 29.0	20.2	-1.15	-	1.5	2.9/02.3	46609
1999 TD ₂₆₅	2004 07 02.8	18 48.68	-04 24.7	18.5	-0.85	+	3.7	6.5/02.9	18215
2000 SW ₂₃₉	2004 07 02.8	18 48.71	-26 50.6	19.5	-0.92	-	1.6	1.3/02.5	43391
2001 VL ₉₉	2004 07 02.8	18 48.71	-24 06.5	19.3	-0.95	-	4.5	0.3/02.7	46909
2001 VM ₇₉	2004 07 02.8	18 48.73	-17 54.4	21.6	-0.88	-	2.0	1.5/03.3	46900
2001 SK ₂₉₅	2004 07 02.8	18 48.80	-17 49.7	20.5	-0.99	-	1.1	1.7/03.2	48110
2001 VE ₁₂₀	2004 07 02.8	18 48.81	-26 42.0	20.2	-1.05	-	0.6	1.5/02.6	50575
2003 FB ₇₃	2004 07 02.8	18 48.82	-45 35.7	19.9	-1.08	-	1.6	7.2/30.9	47442
1999 CQ ₅₆	2004 07 02.8	18 48.91	-19 43.4	19.3	-0.98	-	3.1	1.1/03.2	47767
2002 AT ₈	2004 07 02.8	18 48.93	-20 08.6	21.0	-0.87	-	1.4	0.9/03.1	50584
2001 SS ₁₆₈	2004 07 02.8	18 49.00	-14 11.1	19.7	-1.04	-	1.4	4.0/03.5	23755
2001 VD ₁₁₄	2004 07 02.8	18 49.00	-23 09.1	19.9	-1.13	+	0.2	0.1/02.9	48154
2001 SU ₁₂₁	2004 07 02.8	18 49.01	-23 05.7	19.6	-1.07	+	0.8	0.1/02.9	48095
1999 RB ₂₁₄	2004 07 02.8	18 49.03	-21 37.7	20.2	-0.81	-	1.1	0.4/03.0	47797
2001 QZ ₁₃₄	2004 07 02.9	18 48.98	-27 28.0	17.9	-1.10	+	3.6	2.3/02.8	43407
2000 EZ ₉₂	2004 07 02.9	18 48.99	-20 59.0	19.4	-1.11	-	0.1	0.8/03.0	40067
2001 QX ₂₉₄	2004 07 02.9	18 48.99	-27 04.7	18.1	-1.10	+	2.0	2.2/02.8	23683
1999 VL ₈₅	2004 07 02.9	18 49.02	-20 42.6	18.1	-0.79	-	5.6	0.7/03.2	47821
2001 XX ₁₀₇	2004 07 02.9	18 49.09	-19 27.2	19.6	-0.91	-	1.8	1.2/03.2	48166
2001 QF ₁₄₈	2004 07 02.9	18 49.10	-32 32.0	19.0	-1.06	-	4.5	3.3/01.9	48057
2000 SS ₂₄₃	2004 07 02.9	18 49.12	-37 06.1	20.2	-1.10	-	2.1	5.1/01.6	49824
2001 VP ₉₀	2004 07 02.9	18 49.14	-22 01.6	17.6	-0.99	-	7.2	0.4/03.1	50574
2001 SS ₅₀	2004 07 02.9	18 49.20	-18 58.3	19.2	-1.04	-	3.0	1.5/03.3	50554
2001 SM ₁₆₈	2004 07 02.9	18 49.21	-48 11.0	19.5	-1.30	-	1.9	8.9/30.7	48101
2001 YT ₄₃	2004 07 02.9	18 49.23	-24 49.9	18.3	-0.95	0.0	0.7	0.7/02.8	48176
1999 EN	2004 07 02.9	18 49.23	-24 17.9	21.1	-1.03	-	1.0	0.5/02.9	47771
2000 SV ₁₉	2004 07 02.9	18 49.25	-16 05.2	20.4	-0.96	+	1.8	2.5/03.2	20819
1994 SB ₁₂	2004 07 02.9	18 49.29	-13 49.1	19.9	-0.97	-	1.8	4.5/03.7	31217
2000 TW ₁₆	2004 07 02.9	18 49.29	-18 51.5	19.2	-0.85	-	0.7	1.4/03.3	27728
1979 MT ₃	2004 07 02.9	18 49.31	-20 44.7	18.1	-1.06	+	2.0	1.2/03.0	31211
2001 XR ₈₃	2004 07 02.9	18 49.31	-13 02.1	21.8	-0.89	+	0.4	3.0/03.5	46997
2001 SF ₁₀₈	2004 07 02.9	18 49.40	-17 54.2	18.7	-0.92	+	0.4	1.5/03.3	46638
2001 WZ ₂₈	2004 07 02.9	18 49.41	-16 22.7	19.7	-0.89	-	2.1	2.3/03.6	46935
2001 RM ₁₁₆	2004 07 03.0	18 49.36	-37 01.6	19.1	-1.19	-	0.6	7.1/02.0	23704
2001 TB ₈₉	2004 07 03.0	18 49.37	-13 55.6	19.6	-1.03	+	0.7	4.1/03.4	26013
2002 AL ₅₇	2004 07 03.0	18 49.39	-18 03.4	19.1	-1.01	-	2.0	1.9/03.4	47134
2001 UP ₁₄₅	2004 07 03.0	18 49.42	-21 32.7	20.2	-1.05	-	2.4	0.6/03.1	23887
2002 AW ₈₆	2004 07 03.0	18 49.44	-11 20.0	19.8	-0.81	-	2.8	4.0/04.1	47140
2001 XT ₇₂	2004 07 03.0	18 49.46	-34 42.9	17.9	-1.10	-	8.7	5.0/01.1	43202
2001 SA ₂₁₃	2004 07 03.0	18 49.47	-37 04.9	19.8	-1.22	-	2.0	6.7/01.7	48103
2001 VW ₈₀	2004 07 03.0	18 49.48	-02 27.1	19.1	-0.97	+	4.6	7.4/03.1	30545
2001 YR ₁₂₂	2004 07 03.0	18 49.51	-26 09.1	18.6	-1.01	+	3.2	1.3/03.0	48182
2000 SL ₁₈₀	2004 07 03.0	18 49.53	-13 30.5	19.5	-0.85	+	1.6	3.3/03.4	47956
2001 VC ₁₀	2004 07 03.0	18 49.54	-22 36.9	18.2	-1.06	+	2.4	0.1/03.0	46862
1997 BP ₂	2004 07 03.0	18 49.55	-01 31.1	19.2	-0.81	-	6.8	6.4/06.4	50377
2001 QN ₁₀₁	2004 07 03.0	18 49.55	-27 04.4	19.7	-1.09	-	0.9	1.5/02.8	50544
2000 QT ₁₀₄	2004 07 03.0	18 49.56	-01 07.5	18.2	-0.88	-	4.1	9.3/05.0	7538

2001 QW ₈₁	2004 07 03.0	18 49.60	-18 54.1	17.1	-1.01	+	2.5	2.2/03.1	48051
2001 WD ₈	2004 07 03.0	18 49.62	-15 56.6	19.3	-0.96	-	1.7	2.7/03.6	50575
2002 CZ ₃₀₀	2004 07 03.0	18 49.62	-23 47.0	22.7	-0.81	-	0.8	0.2/03.0	61220
2003 AA ₄	2004 07 03.0	18 49.63	+10 10.6	20.2	-0.97	-	0.3	11.0/06.1	43484
2000 SV ₂₇₂	2004 07 03.0	18 49.63	-23 30.5	19.9	-0.88	-	0.7	0.2/03.0	27721
2001 UN ₉₄	2004 07 03.0	18 49.68	-18 01.2	19.1	-1.02	-	4.1	2.1/03.6	23872
2000 VT ₁₃	2004 07 03.0	18 49.69	-17 27.7	20.2	-0.78	-	1.1	1.5/03.5	47984
2003 BY ₆₁	2004 07 03.0	18 49.69	-06 03.5	19.0	-0.88	-	4.3	6.2/05.1	48321
2000 WR ₉₉	2004 07 03.0	18 49.70	-27 49.6	19.9	-0.89	-	2.5	1.6/02.6	47990
2000 SF ₁₃	2004 07 03.0	18 49.70	-14 12.3	19.0	-0.90	-	2.5	4.3/03.8	47940
1999 RV ₁₀₂	2004 07 03.0	18 49.73	-22 28.7	17.7	-0.92	+	2.5	0.2/03.1	36560
2003 BJ ₃₁	2004 07 03.0	18 49.75	-25 20.1	20.0	-1.13	-	0.9	0.9/02.9	50739
1995 MS ₁	2004 07 03.0	18 49.77	+05 36.3	20.2	-0.90	+	2.8	10.1/03.9	47696
2000 VN ₄₃	2004 07 03.0	18 49.78	-25 58.9	20.5	-0.86	-	0.8	0.9/02.9	47985
2001 XX ₁₅₆	2004 07 03.0	18 49.80	-22 12.6	20.3	-1.00	-	0.4	0.2/03.1	48169
2001 RD ₁₃₅	2004 07 03.0	18 49.85	-22 42.2	19.8	-1.09	-	3.5	0.1/03.1	43419
2002 CE ₁₂₁	2004 07 03.0	18 49.86	-21 46.9	18.9	-0.84	+	0.5	0.4/03.2	27505
2001 YJ ₁₂₁	2004 07 03.1	18 49.78	-29 17.5	17.9	-1.12	+	2.6	2.9/02.9	24027
1996 GJ ₁₀	2004 07 03.1	18 49.80	-20 31.5	19.4	-0.98	-	2.1	1.1/03.3	62216
2001 VF ₃₉	2004 07 03.1	18 49.86	-20 26.0	19.4	-0.93	0.0	0.9	0.9/03.3	48149
2000 OS ₂₈	2004 07 03.1	18 49.88	-19 38.6	17.4	-1.05	+	5.9	1.4/03.1	43374
1996 HQ ₂₁	2004 07 03.1	18 49.92	-41 00.2	17.7	-1.19	-	3.9	8.3/01.3	41526
2001 TP ₃₁	2004 07 03.1	18 49.92	-25 06.1	19.6	-1.10	+	0.2	0.8/03.0	30473
2001 UN ₇₃	2004 07 03.1	18 49.93	-19 30.5	20.8	-1.05	-	1.6	1.3/03.4	48138
2002 AV ₃₆	2004 07 03.1	18 49.94	-20 11.5	19.2	-0.91	-	3.2	1.0/03.4	47128
1983 QU	2004 07 03.1	18 49.95	-29 21.2	19.1	-1.17	+	0.2	2.7/02.8	23416
2002 CT ₁₅₆	2004 07 03.1	18 49.98	-34 33.1	19.3	-1.00	+	1.5	4.1/02.6	31455
2003 EW ₃₀	2004 07 03.1	18 50.00	-21 04.2	19.1	-0.86	-	1.8	0.7/03.3	47356
2001 VA ₆₆	2004 07 03.1	18 50.03	-24 46.9	18.5	-1.02	+	0.7	0.8/03.1	48151
2000 US ₃₅	2004 07 03.1	18 50.04	-24 05.8	20.3	-0.84	-	1.0	0.3/03.1	47977
2003 EF ₃₇	2004 07 03.1	18 50.08	-14 18.1	19.3	-0.86	-	6.7	2.8/04.4	50751
2000 PR ₂₇	2004 07 03.1	18 50.09	-09 58.1	15.1	-1.33	+	17.8	5.8/01.4	35534
2001 SF ₂₇₆	2004 07 03.1	18 50.10	-40 01.0	19.5	-1.45	+	4.0	6.4/02.8	25995
2001 VK ₆₆	2004 07 03.1	18 50.10	-16 49.8	19.8	-0.97	+	1.0	2.2/03.4	30543
2000 HL ₃	2004 07 03.1	18 50.13	-17 11.0	18.8	-1.02	-	0.5	1.3/03.5	23532
2001 XT ₁₀₉	2004 07 03.1	18 50.22	-23 47.6	19.6	-0.90	-	2.9	0.3/03.1	48166
2003 FZ ₄₇	2004 07 03.1	18 50.23	-17 40.9	19.6	-0.93	-	0.7	2.0/03.5	62443
2000 TZ ₅₈	2004 07 03.1	18 50.27	-23 53.1	17.8	-0.95	-	6.0	0.4/03.1	27112
1997 GU ₂₇	2004 07 03.1	18 50.29	-44 53.6	19.6	-1.09	+	0.1	6.9/01.7	47711
2001 QY ₁₅₈	2004 07 03.2	18 50.20	-26 38.8	19.5	-1.15	-	0.2	1.6/03.0	48058
2003 DT ₇	2004 07 03.2	18 50.20	-19 15.6	19.3	-0.92	-	2.3	1.3/03.5	50746
2001 XD ₈₉	2004 07 03.2	18 50.22	-13 46.5	18.9	-0.97	+	2.6	3.5/03.5	47002
2000 RS ₉₃	2004 07 03.2	18 50.23	-18 06.5	20.2	-0.89	-	2.9	1.6/03.7	47938
2003 EP ₁₁	2004 07 03.2	18 50.27	-17 06.8	20.6	-0.94	-	0.9	2.0/03.6	50178
2000 QZ ₁₇₃	2004 07 03.2	18 50.29	-21 48.8	19.3	-0.98	+	1.0	0.4/03.3	30373
1999 CZ ₁₀₄	2004 07 03.2	18 50.31	-12 29.6	19.4	-1.05	-	1.9	4.1/04.0	47769
2002 AO ₂₀₂	2004 07 03.2	18 50.35	-14 33.1	20.0	-0.78	-	1.6	2.6/03.9	47159
2000 WK ₁₃₂	2004 07 03.2	18 50.35	-36 32.7	18.5	-1.04	+	0.9	4.8/02.5	27751
2000 WZ ₁₁₄	2004 07 03.2	18 50.37	-29 25.3	20.2	-0.86	-	0.7	1.8/02.8	30429
2000 WS ₆	2004 07 03.2	18 50.37	-47 22.1	19.7	-1.10	-	2.0	6.8/30.7	9866
2001 UU ₁₆₄	2004 07 03.2	18 50.38	-17 09.3	19.0	-1.00	-	4.4	2.3/03.9	50571

2001 QL ₈₃	2004 07 03.2	18 50.41	-30 15.9	17.8	-1.17	+	2.1	3.5/03.0	48052	2001 XE ₁₀₂	2004 07 03.4	18 51.28	+01 32.8	19.5	-0.90	+	2.1	8.1/04.6	23969
2001 QN ₂₄₇	2004 07 03.2	18 50.42	-22 03.6	20.5	-1.11	-	2.5	0.4/03.3	46569	1997 AB	2004 07 03.4	18 51.29	-23 37.2	21.0	-0.90	-	3.0	0.2/03.4	47708
1979 OH ₃	2004 07 03.2	18 50.43	-22 06.0	19.4	-0.89	-	0.5	0.3/03.3	12835	2002 CU ₂₇₅	2004 07 03.4	18 51.32	-13 43.4	19.6	-0.79	+	1.0	2.4/03.9	31973
2000 RM ₉₈	2004 07 03.2	18 50.43	-29 17.0	18.7	-1.11	+	4.4	2.6/03.2	13736	2001 WY ₉	2004 07 03.4	18 51.37	-17 16.2	18.6	-0.93	-	2.7	2.2/04.0	48156
2003 ET ₈	2004 07 03.2	18 50.50	-19 16.3	19.7	-0.98	-	0.1	1.4/03.5	50177	2000 FR ₄₅	2004 07 03.4	18 51.37	-20 14.8	17.5	-1.00	-	5.0	1.3/03.8	41624
2003 BT ₁₈	2004 07 03.2	18 50.55	-43 31.4	17.7	-1.31	+	3.2	8.9/02.7	50738	2001 TE ₁₀₃	2004 07 03.4	18 51.41	-41 30.2	18.7	-1.19	-	3.8	6.9/01.2	50563
2001 RT ₉₄	2004 07 03.2	18 50.57	-17 44.2	18.1	-1.00	+	1.1	2.7/03.5	43418	1998 QT ₄₄	2004 07 03.4	18 51.43	-21 04.9	17.5	-1.04	+	0.1	1.0/03.6	18166
2001 QE ₁₄₁	2004 07 03.2	18 50.57	-15 16.7	19.3	-0.99	+	2.6	2.7/03.5	48056	2001 TO ₁₉₄	2004 07 03.5	18 51.47	-41 08.6	20.0	-1.13	-	2.1	5.8/01.8	46767
2001 SO ₁₄₅	2004 07 03.2	18 50.59	-13 30.5	19.0	-1.04	-	0.2	4.1/03.8	23747	2001 UN ₁₃	2004 07 03.5	18 51.47	-25 50.9	18.7	-1.00	-	2.4	1.1/03.2	50567
2001 XQ ₆₇	2004 07 03.2	18 50.60	-20 50.1	21.4	-0.94	-	1.9	0.6/03.5	48164	2002 CK ₂₈	2004 07 03.5	18 51.48	-33 27.9	19.3	-1.06	-	0.3	3.4/02.8	30641
1997 SH ₂₃	2004 07 03.2	18 50.61	-16 53.5	21.2	-0.95	-	0.7	2.1/03.7	46332	2001 SC ₂₂	2004 07 03.5	18 51.49	-13 07.0	20.3	-0.98	-	1.6	3.7/04.3	48084
2001 YK ₁₀₄	2004 07 03.2	18 50.62	-20 46.9	20.5	-0.85	-	0.4	0.7/03.4	48181	2001 UA ₁₃	2004 07 03.5	18 51.52	-23 25.8	20.3	-1.08	-	2.7	0.2/03.5	46782
2000 GK ₆₅	2004 07 03.2	18 50.63	-26 49.1	19.6	-1.12	-	2.2	1.6/03.0	40088	2000 PS ₁₈	2004 07 03.5	18 51.57	-28 07.1	18.9	-1.02	+	1.0	2.3/03.3	47908
2001 TL ₄₇	2004 07 03.2	18 50.64	-28 22.3	17.5	-1.04	-	7.8	2.9/02.4	30476	2000 ER ₉₇	2004 07 03.5	18 51.65	-56 58.2	19.5	-1.77	-	2.8	12.6/30.9	47867
2001 YD ₁₅₃	2004 07 03.2	18 50.67	-43 34.0	20.2	-1.03	-	2.8	6.0/01.2	47117	2000 QO ₄	2004 07 03.5	18 51.70	-19 19.7	19.0	-0.94	-	1.9	1.3/03.8	47910
2001 SQ ₉₃	2004 07 03.2	18 50.68	-37 25.7	20.5	-1.19	+	0.1	5.2/02.5	50555	2001 XE ₉₃	2004 07 03.5	18 51.70	-08 56.5	17.5	-0.90	+	7.8	7.2/03.1	27314
1994 WX ₇	2004 07 03.3	18 50.60	-16 49.9	21.1	-1.02	-	2.1	2.2/03.8	23427	1998 TU ₉	2004 07 03.5	18 51.75	-38 28.6	19.5	-1.24	-	2.4	7.5/02.3	47751
2002 AP ₁₄₉	2004 07 03.3	18 50.68	-18 47.5	21.0	-0.84	-	3.6	1.2/03.8	30622	2001 VM ₁₁₃	2004 07 03.5	18 51.83	-34 40.1	18.9	-1.05	-	3.6	4.6/02.3	50575
2001 YS ₅₀	2004 07 03.3	18 50.72	-25 35.1	17.8	-1.04	-	0.1	1.3/03.2	48177	2001 WF ₁₇	2004 07 03.5	18 51.93	-21 46.9	20.4	-1.00	-	0.8	0.4/03.7	46930
2000 PK ₁₀	2004 07 03.3	18 50.72	-34 21.7	18.4	-1.05	-	4.2	4.8/02.0	47908	2000 NL ₂₈	2004 07 03.5	18 51.93	-20 57.4	18.0	-1.06	+	6.0	0.9/03.6	43373
2001 YX ₃₀	2004 07 03.3	18 50.73	-26 32.5	18.6	-0.96	-	3.4	1.4/03.0	48176	2000 SP ₅₄	2004 07 03.6	18 51.84	-22 17.6	20.6	-0.95	-	0.9	0.2/03.6	46469
2003 FB ₄₇	2004 07 03.3	18 50.75	-30 21.0	20.1	-1.01	-	1.6	2.8/02.7	47419	2002 AP ₇₉	2004 07 03.6	18 51.87	-24 16.9	19.1	-0.88	-	2.6	0.5/03.5	48188
2000 WR ₂₁	2004 07 03.3	18 50.76	-18 40.7	19.4	-0.90	-	0.3	1.7/03.6	49843	2001 XG ₁₉₈	2004 07 03.6	18 51.89	-19 32.5	19.8	-0.80	-	2.6	1.1/03.9	47047
2000 FK ₅₈	2004 07 03.3	18 50.77	-32 02.7	18.0	-1.03	-	4.4	4.7/02.3	47875	2001 XZ ₈₉	2004 07 03.6	18 51.91	-23 02.2	19.1	-0.97	-	0.6	0.1/03.6	48165
2001 UQ ₁₇₅	2004 07 03.3	18 50.77	-30 30.3	18.0	-1.12	-	3.4	2.7/02.5	30528	2001 QB ₂₄₇	2004 07 03.6	18 51.94	-42 36.4	19.5	-1.33	-	1.9	7.9/01.7	46568
2000 SH ₁₀₇	2004 07 03.3	18 50.83	-40 29.0	19.0	-1.06	-	0.7	5.8/02.0	25853	2001 VW ₈₆	2004 07 03.6	18 51.94	-07 08.6	20.6	-0.86	-	2.3	5.1/05.1	46905
2001 TQ ₃₉	2004 07 03.3	18 50.83	-44 34.8	19.7	-1.07	-	2.4	6.3/01.3	50561	2003 ES ₂₄	2004 07 03.6	18 51.94	-11 38.7	18.9	-0.79	-	3.3	4.0/05.0	50750
2001 TE ₈₈	2004 07 03.3	18 50.85	-27 54.4	20.7	-1.16	-	0.3	2.1/03.0	23812	2000 HE ₁₂	2004 07 03.6	18 51.99	-22 24.0	19.5	-1.07	-	0.6	0.2/03.7	47886
2000 GT ₁₇₀	2004 07 03.3	18 50.91	-21 56.6	17.9	-0.94	+	0.4	0.5/03.4	37499	2003 FV ₄₅	2004 07 03.6	18 52.02	-34 41.0	20.5	-0.95	-	1.3	3.7/02.7	47418
2001 XH ₉₅	2004 07 03.3	18 50.91	-26 50.9	21.0	-1.01	-	2.5	1.3/03.0	23967	2003 EM ₃	2004 07 03.6	18 52.05	-25 09.6	20.0	-1.12	-	3.0	0.9/03.4	57913
2001 YE ₆₀	2004 07 03.3	18 50.92	-24 02.3	17.1	-1.11	+	6.2	0.5/03.4	43465	2001 SS ₁₃₆	2004 07 03.6	18 52.05	-12 18.0	20.3	-0.96	-	0.8	3.7/04.4	48097
2002 CE ₁₅	2004 07 03.3	18 50.94	-18 30.7	20.4	-0.79	-	1.3	1.2/03.7	48198	2002 CS ₁₂₀	2004 07 03.6	18 52.08	-09 18.7	20.1	-0.91	-	5.2	4.8/05.0	27504
2000 QF ₇₉	2004 07 03.3	18 50.95	-16 27.2	19.9	-0.91	-	1.3	2.4/03.9	47917	2000 VR ₁₃	2004 07 03.6	18 52.08	-38 55.5	21.3	-0.94	-	2.7	4.1/01.9	9859
2001 XV ₂₀₉	2004 07 03.3	18 50.96	-19 59.4	19.4	-0.99	-	4.1	1.2/03.7	47053	2001 QD ₂₂₆	2004 07 03.6	18 52.14	-24 40.6	18.7	-1.11	+	1.2	0.7/03.6	43411
2001 TN ₂₈	2004 07 03.3	18 51.01	-31 03.9	19.1	-1.21	-	1.1	3.8/02.8	26006	2001 TT ₄₆	2004 07 03.6	18 52.18	-18 47.6	19.8	-1.03	-	0.8	1.6/03.9	48117
2001 XQ ₁₄₄	2004 07 03.3	18 51.05	-18 52.3	20.1	-1.03	-	1.1	1.8/03.7	47026	2001 YS	2004 07 03.6	18 52.19	-12 01.3	20.6	-0.90	-	4.9	3.4/05.0	24003
2002 AZ ₁₆₆	2004 07 03.3	18 51.06	-19 00.0	19.5	-0.99	-	0.5	1.3/03.6	30625	2001 XS ₇₁	2004 07 03.6	18 52.24	-07 04.0	20.3	-0.83	+	0.2	4.9/04.7	50578
2000 QG ₁₇₉	2004 07 03.3	18 51.07	-23 55.6	19.6	-0.95	+	0.4	0.3/03.3	27687	2001 QF ₂₆₁	2004 07 03.6	18 52.25	-20 52.7	18.6	-1.07	+	2.6	1.0/03.7	48066
2001 TK ₄₂	2004 07 03.4	18 51.02	-26 46.6	19.0	-1.05	+	1.7	1.3/03.2	30475	2000 KL ₆₃	2004 07 03.6	18 52.26	-04 12.7	19.1	-1.00	-	0.8	8.1/05.4	47898
2857 P-L	2004 07 03.4	18 51.02	-12 08.5	17.4	-0.80	-	2.9	5.6/04.5	41948	1981 EJ ₄₅	2004 07 03.6	18 52.31	-22 14.5	18.8	-0.87	+	0.8	0.3/03.7	47680
2002 BL ₃₀	2004 07 03.4	18 51.02	-56 08.8	20.6	-1.33	+	1.5	8.6/01.8	31965	1997 WW ₂₄	2004 07 03.6	18 52.32	-18 50.7	18.9	-1.04	-	0.2	1.9/03.9	50380
2001 XC ₁₃₈	2004 07 03.4	18 51.06	-21 01.9	19.1	-0.91	-	2.8	0.7/03.6	50579	2000 WJ ₂₈	2004 07 03.7	18 52.34	-10 01.9	19.3	-0.77	-	1.6	3.9/04.8	47988
2001 UF ₁₃₄	2004 07 03.4	18 51.07	-02 06.1	19.7	-0.89	+	1.3	6.5/04.4	30522	2001 TM ₁₈₉	2004 07 03.7	18 52.35	-26 03.6	18.1	-1.05	+	2.1	1.5/03.6	48129
2001 XP ₁₅₉	2004 07 03.4	18 51.09	-18 05.4	19.9	-0.84	+	0.6	1.5/03.7	47034	2001 VY ₅₃	2004 07 03.7	18 52.37	-18 28.4	19.1	-1.07	+	0.9	1.9/03.9	30541
2002 AB ₁₇₂	2004 07 03.4	18 51.18	-23 47.3	20.9	-0.83	-	1.4	0.2/03.4	27425	2001 WN ₂₆	2004 07 03.7	18 52.39	-48 31.9	19.2	-1.34	-	6.4	9.2/29.8	46932
2001 RG ₁₂₀	2004 07 03.4	18 51.21	-16 46.9	18.9	-0.99	-	5.7	3.0/04.2	48079	1999 TY ₈₃	2004 07 03.7	18 52.40	-28 22.6	19.0	-0.90	-	0.1	2.0/03.4	29120
2003 BB ₉₁	2004 07 03.4	18 51.22	-06 32.5	18.7	-0.79	-	4.9	5.3/05.7	50743	2000 SW ₄₆	2004 07 03.7	18 52.40	-23 24.3	17.6	-1.04	+	5.1	0.2/03.7	25848
2003 AS ₅	2004 07 03.4	18 51.23	-27 46.6	18.8	-0.99	+	3.6	1.9/03.4	48308	2003 FG ₁₀₆	2004 07 03.7	18 52.41	-36 07.6	19.2	-0.96	-	2.5	4.6/02.4	50758
2003 DC	2004 07 03.4	18 51.24	-11 57.6	18.5	-1.00	-	11.5	4.1/05.5	56744	1999 HN ₃	2004 07 03.7	18 52.44	-41 53.5	18.0	-1.22	-	5.4	7.2/01.1	50407
1999 CH ₁₃₃	2004 07 03.4	18 51.25	-27 14.4	19.4	-1.04	-	0.2	1.8/03.2	47770	2001 VM ₁₁₅	2004 07 03.7	18 52.50	-25 19.6	19.9	-1.00	-	2.0	0.9/03.5	46917
1998 XW	2004 07 03.4	18 51.26	-25 24.0	19.4	-1.09	-	2.4	1.0/03.2	50399	1991 TF ₁₆	2004 07 03.7	18 52.53	-27 45.5	18.8	-0.96	-	2.4	1.7/03.3	47683

2000 ST ₃₂₂	2004 07 03.7	18 52.60	-41 14.0	20.8	-1.01	- 0.4	5.0/02.4	47967	2000 DC ₉₉	2004 07 04.0	18 53.62	-13 32.9	18.2	-0.97	- 5.4	4.6/05.3	20753
2001 VN ₁₂₀	2004 07 03.7	18 52.61	-36 39.6	17.3	-1.08	- 8.5	5.9/01.4	46919	2001 XK ₅₉	2004 07 04.0	18 53.63	-19 04.0	18.3	-0.98	- 0.2	1.5/04.3	46984
2001 TG ₈₃	2004 07 03.7	18 52.72	-26 51.6	19.8	-1.09	+ 0.2	1.5/03.6	48120	2001 YX ₂₁	2004 07 04.0	18 53.65	-33 31.5	19.4	-1.02	- 2.5	3.8/03.0	50582
1999 RP ₁₇₅	2004 07 03.7	18 52.73	-30 34.0	18.9	-0.90	- 0.1	2.6/03.3	47795	1997 YN ₁	2004 07 04.0	18 53.68	-14 48.3	19.8	-0.93	- 3.9	2.5/04.9	30258
2001 LL ₁₈	2004 07 03.7	18 52.73	-18 03.2	17.4	-1.36	-16.6	2.3/04.8	43397	2000 YY ₇₀	2004 07 04.0	18 53.73	-20 35.5	19.3	-0.81	- 1.5	0.6/04.2	50513
2000 WR ₁₇₅	2004 07 03.8	18 52.68	+06 19.3	19.4	-0.75	+ 1.1	8.3/05.4	47994	2001 RU ₆₈	2004 07 04.0	18 53.75	-11 26.2	17.3	-0.94	+ 3.5	6.2/04.3	23695
2003 EP ₂₉	2004 07 03.8	18 52.69	-03 53.9	19.7	-0.84	- 2.5	6.1/05.7	50750	2000 RJ ₄₈	2004 07 04.0	18 53.76	-14 11.9	19.2	-1.00	+ 1.9	3.3/04.3	13727
2002 AY ₁₃₉	2004 07 03.8	18 52.77	-22 38.7	18.1	-1.03	- 5.5	0.1/03.9	26135	2001 WZ ₄₀	2004 07 04.0	18 53.78	-21 30.5	19.0	-0.88	- 5.2	0.4/04.2	46944
2003 BQ ₇₁	2004 07 03.8	18 52.77	-13 17.8	20.5	-1.00	- 2.5	3.5/04.7	50742	2001 TD ₉₂	2004 07 04.0	18 53.78	-15 27.8	20.0	-1.03	- 0.3	2.9/04.5	46737
1996 FZ ₈	2004 07 03.8	18 52.78	-22 06.6	19.1	-1.04	- 2.7	0.3/03.9	62216	2001 SR ₁₇₂	2004 07 04.0	18 53.79	-18 40.6	19.3	-1.01	- 2.3	2.0/04.4	48101
2000 SR ₈₈	2004 07 03.8	18 52.85	-05 03.7	19.5	-0.81	- 2.2	6.3/05.5	46475	2001 XT ₈₁	2004 07 04.0	18 53.80	-20 03.2	20.1	-0.95	- 1.8	1.0/04.3	48164
2001 QS ₂₀₆	2004 07 03.8	18 52.86	-20 58.8	19.4	-1.05	- 2.1	0.7/04.0	48061	2000 QP ₁₅	2004 07 04.0	18 53.81	-29 07.6	19.8	-1.04	- 0.2	2.0/03.6	29234
1999 BY ₂₈	2004 07 03.8	18 52.88	-23 08.0	20.9	-1.06	- 1.1	0.1/03.8	47765	2001 XN ₁₈₅	2004 07 04.0	18 53.81	-18 46.2	19.5	-0.89	- 3.1	1.5/04.5	48170
2001 WK ₃₆	2004 07 03.8	18 52.90	-19 15.5	20.7	-0.96	- 2.0	1.2/04.2	30556	1999 RX ₈₄	2004 07 04.0	18 53.87	-32 19.5	19.1	-0.93	+ 0.2	3.6/03.4	46374
2003 JZ ₄	2004 07 03.8	18 52.90	-55 01.8	20.7	-1.28	- 2.3	8.3/30.8	50203	2000 SK ₃₀₆	2004 07 04.0	18 53.89	-25 55.9	18.0	-0.95	+ 1.1	1.1/03.9	47966
1998 HN ₈₆	2004 07 03.8	18 52.91	-12 42.9	18.3	-0.83	0.0	3.5/04.6	50385	2000 QP ₂₄	2004 07 04.0	18 53.90	-43 26.1	18.6	-1.19	+ 2.7	9.9/03.0	47912
2001 QS ₁₉₇	2004 07 03.8	18 52.92	-14 44.8	19.7	-1.07	+ 1.0	3.6/04.2	48060	2001 UO ₈₄	2004 07 04.0	18 53.92	-05 59.8	21.3	-0.89	0.0	5.2/05.2	30516
2001 UH ₁₃₁	2004 07 03.8	18 52.92	-27 26.4	20.3	-1.00	- 2.4	1.7/03.4	50570	7582 P-L	2004 07 04.0	18 53.94	-47 19.2	19.1	-1.32	- 3.1	10.2/30.9	50810
2001 US ₇₉	2004 07 03.8	18 52.96	-25 56.4	20.0	-1.00	- 1.9	1.1/03.6	48139	2001 YO ₁₁₁	2004 07 04.1	18 53.92	-30 33.8	19.5	-0.87	- 3.9	2.1/03.2	30599
2000 SQ ₂₄₇	2004 07 03.8	18 53.03	-32 11.7	19.1	-0.99	- 2.4	4.1/03.0	47962	1993 FF ₂₉	2004 07 04.1	18 53.92	-15 21.1	20.0	-1.06	- 0.3	3.1/04.6	41519
2000 SU ₃₀₃	2004 07 03.8	18 53.06	-24 17.8	19.8	-0.87	+ 1.1	0.4/03.8	47966	2001 VF ₃	2004 07 04.1	18 53.93	-33 19.7	19.0	-1.06	- 2.0	4.1/03.2	48146
2001 SM ₁₀	2004 07 03.8	18 53.07	-30 38.1	19.0	-1.16	- 2.5	3.0/03.1	30464	2001 ON ₆₈	2004 07 04.1	18 53.98	-25 47.0	18.4	-1.12	+ 2.6	1.5/04.0	48040
2001 SE ₂₂₇	2004 07 03.8	18 53.08	-34 12.8	19.5	-1.13	- 2.0	4.8/02.9	43428	2001 UI ₁₃₄	2004 07 04.1	18 53.98	-25 39.2	19.0	-1.04	- 2.9	1.1/03.8	46829
2001 XF ₂₃₈	2004 07 03.8	18 53.08	-25 45.0	19.6	-1.03	- 0.7	1.1/03.7	48173	2001 YL ₁₀₅	2004 07 04.1	18 54.04	-20 18.1	20.3	-0.92	- 1.7	0.9/04.3	27795
2001 QZ ₂₃₇	2004 07 03.8	18 53.09	-34 57.4	19.8	-1.24	- 0.2	4.7/03.0	23673	2001 TO ₂₁₆	2004 07 04.1	18 54.09	-25 57.0	18.1	-1.11	+ 2.0	1.4/04.0	30499
2003 AK ₅₇	2004 07 03.8	18 53.12	-30 56.9	19.4	-1.14	- 0.7	3.1/03.3	48313	2001 TJ ₈₃	2004 07 04.1	18 54.11	-28 10.4	18.5	-1.08	+ 1.3	2.6/03.9	23811
2000 DW ₇₆	2004 07 03.8	18 53.13	-24 29.6	17.3	-1.03	- 0.2	0.8/03.8	47858	1998 CM	2004 07 04.1	18 54.18	-32 46.2	18.1	-1.18	- 0.5	4.2/03.4	47723
2000 WL ₁₈₁	2004 07 03.8	18 53.14	-31 58.7	18.7	-1.00	+ 2.5	3.4/03.6	33887	2003 BX ₅₀	2004 07 04.1	18 54.21	-22 23.9	20.7	-1.06	- 1.6	0.2/04.2	50740
2002 CG ₆₈	2004 07 03.9	18 53.08	-41 23.0	21.7	-0.94	- 0.6	4.5/02.5	31967	2000 DN ₇₃	2004 07 04.1	18 54.22	-33 45.3	17.9	-1.10	- 0.1	5.6/03.5	41606
2000 RP ₁₀₁	2004 07 03.9	18 53.10	-53 37.3	19.6	-1.29	+ 1.4	8.1/02.1	30385	2000 OO ₂₀	2004 07 04.1	18 54.22	-13 39.1	18.7	-0.96	+ 2.3	3.3/04.4	47904
2000 PO ₂₇	2004 07 03.9	18 53.10	-39 00.0	18.9	-1.15	+ 3.5	6.9/03.6	43376	2000 XP ₄	2004 07 04.1	18 54.23	-34 05.0	18.6	-0.98	+ 1.5	4.1/03.6	47995
1999 RV ₇₃	2004 07 03.9	18 53.11	-08 43.5	17.9	-0.86	+ 6.6	6.2/03.6	13605	2002 CC ₂₉	2004 07 04.1	18 54.24	-22 26.4	19.5	-0.83	- 3.7	0.1/04.2	50590
1999 CW ₇₉	2004 07 03.9	18 53.15	-29 42.9	17.9	-1.11	+ 3.4	2.8/03.8	40003	1998 YQ ₂₇	2004 07 04.1	18 54.27	-25 04.2	19.2	-1.13	- 3.0	0.9/04.0	47762
2000 LS ₁	2004 07 03.9	18 53.18	-20 27.4	18.2	-1.00	- 5.8	1.1/04.2	47899	2001 VN ₃₇	2004 07 04.1	18 54.28	-23 25.2	18.5	-1.06	- 3.6	0.3/04.1	30537
2001 QV ₇₆	2004 07 03.9	18 53.20	-33 35.9	18.7	-1.15	- 1.9	4.4/03.0	48051	2000 WE ₁₀₂	2004 07 04.1	18 54.28	-14 09.9	20.1	-0.79	- 3.0	2.6/05.0	47990
2003 CP ₆	2004 07 03.9	18 53.33	-29 18.4	20.7	-1.06	- 1.4	2.3/03.5	62442	2002 AP ₅₈	2004 07 04.1	18 54.31	-15 24.0	20.4	-0.81	- 3.1	2.2/05.0	48187
2001 XP ₂₅₉	2004 07 03.9	18 53.38	-23 44.5	21.9	-0.99	- 2.6	0.3/03.9	33952	2001 VQ ₆₀	2004 07 04.1	18 54.37	-21 37.8	20.0	-0.97	+ 0.1	0.4/04.3	46892
2000 SG ₈₀	2004 07 03.9	18 53.38	-31 33.7	20.3	-0.89	- 1.0	2.4/03.3	47947	1998 UP ₄₈	2004 07 04.1	18 54.38	-17 37.3	20.3	-1.09	- 3.3	2.2/04.7	62233
2003 HJ ₂₈	2004 07 03.9	18 53.39	-05 37.9	20.5	-0.77	+ 0.4	4.7/05.2	50194	2000 SV ₁₄₀	2004 07 04.2	18 54.31	-15 21.8	18.8	-0.90	+ 0.1	2.9/04.7	47953
2003 FN ₆₂	2004 07 03.9	18 53.39	-21 11.0	19.2	-0.85	- 1.8	0.6/04.1	62443	2001 QL ₁₉₄	2004 07 04.2	18 54.32	-14 50.4	17.6	-1.00	+ 5.4	4.5/04.2	25925
1999 PG ₁	2004 07 03.9	18 53.42	-19 49.8	18.6	-0.84	- 2.1	1.3/04.2	47786	2000 GP ₆₈	2004 07 04.2	18 54.34	-20 08.9	18.1	-0.92	- 1.5	1.4/04.4	23526
2003 BJ ₄₀	2004 07 03.9	18 53.46	-15 58.4	19.5	-1.02	- 7.6	3.0/05.0	50740	2000 EP ₁₂₇	2004 07 04.2	18 54.37	-23 17.6	19.7	-1.14	- 3.3	0.2/04.2	47868
1992 SB ₃	2004 07 03.9	18 53.47	-24 26.3	18.9	-0.97	- 1.6	0.7/03.8	60455	2001 XU ₂₂	2004 07 04.2	18 54.39	-30 30.7	20.1	-1.05	- 2.0	2.6/03.5	30563
2001 VV ₇₁	2004 07 03.9	18 53.52	-32 24.7	17.9	-1.09	- 4.2	4.2/02.9	50573	2001 XU ₁₆₅	2004 07 04.2	18 54.39	-22 53.2	20.3	-0.92	- 3.1	0.0/04.2	47037
2003 AP ₄₁	2004 07 03.9	18 53.52	-18 26.9	21.2	-1.01	- 0.9	1.6/04.3	48311	2000 SZ ₁₄₇	2004 07 04.2	18 54.40	-44 37.1	21.0	-1.03	- 1.2	5.7/02.2	47953
2003 EW ₂₅	2004 07 03.9	18 53.52	-05 16.3	19.9	-0.88	- 4.0	6.4/06.1	50750	2002 BX ₉	2004 07 04.2	18 54.47	-42 16.5	18.1	-1.27	- 0.9	7.7/02.4	27431
2001 XP ₅₆	2004 07 03.9	18 53.56	-17 50.8	20.1	-0.92	- 0.1	1.8/04.3	48162	2000 US ₈₂	2004 07 04.2	18 54.48	-23 13.9	20.5	-0.84	- 1.6	0.1/04.2	30416
2001 SS ₁₁₁	2004 07 03.9	18 53.58	-40 11.7	19.7	-1.20	- 1.1	6.2/02.5	48094	2001 UM ₁₆₂	2004 07 04.2	18 54.49	-36 48.2	21.0	-1.07	- 3.8	4.2/02.6	30527
2000 PA ₁₃	2004 07 04.0	18 53.51	-26 43.9	19.0	-1.62	+17.9	2.0/04.4	7532	2000 YE ₈₁	2004 07 04.2	18 54.58	-20 55.0	19.9	-0.81	- 1.5	0.5/04.4	50513
1999 FV ₄	2004 07 04.0	18 53.58	-24 56.5	19.2	-0.98	- 1.3	0.8/03.9	47772	2000 SS ₃₀₇	2004 07 04.2	18 54.61	-32 01.9	20.0	-0.96	+ 0.1	2.9/03.6	27724
2001 VK ₂₉	2004 07 04.0	18 53.61	-25 54.7	22.1	-0.95	- 2.1	0.9/03.7	30535	2003 AY ₅	2004 07 04.2	18 54.61	-20 28.2	19.8	-1.04	- 3.7	0.9/04.5	48308

2001 XY ₁₄₁	2004 07 04.2	18 54.62	-28 32.9	19.8	-1.00	- 4.5	2.1/03.6	47025	2003 BG ₈₈	2004 07 04.4	18 55.37	-32 49.3	18.2	-1.16	+ 4.6	4.0/04.4	50743
2001 XK ₂₀₉	2004 07 04.2	18 54.63	-19 51.2	20.0	-0.96	- 2.9	1.2/04.6	48172	2000 SW ₁₃	2004 07 04.4	18 55.38	-05 29.9	17.7	-0.92	+ 5.7	8.7/04.0	20819
2001 VU ₄₁	2004 07 04.2	18 54.66	-41 44.7	17.8	-1.16	- 5.9	7.7/01.6	48150	2001 YA ₁₀₁	2004 07 04.4	18 55.38	-20 16.4	18.3	-0.91	- 3.8	0.9/04.7	26106
2000 LR ₂₃	2004 07 04.2	18 54.69	+02 40.9	17.8	-1.13	+11.9	11.9/01.5	29219	2001 QC ₁₅₃	2004 07 04.4	18 55.39	-21 53.2	19.8	-1.13	- 4.0	0.4/04.5	20905
2003 AE ₄₉	2004 07 04.2	18 54.69	-28 06.7	20.5	-1.14	- 0.6	2.1/03.9	50733	2003 GK ₃	2004 07 04.4	18 55.40	-13 10.2	20.2	-0.90	- 0.9	3.6/05.2	47503
2003 HT ₅₅	2004 07 04.2	18 54.71	-20 12.9	21.1	-0.97	- 1.3	1.0/04.5	47572	1999 XU ₈	2004 07 04.4	18 55.42	-33 52.1	17.1	-1.48	-23.1	5.6/01.4	41584
2003 AE ₈₄	2004 07 04.2	18 54.71	-09 35.5	19.8	-1.00	- 2.6	4.9/05.6	50736	2001 QM ₁₀₅	2004 07 04.4	18 55.47	-13 45.3	19.2	-1.02	- 0.4	3.9/05.0	46550
2001 VW ₉₇	2004 07 04.2	18 54.71	+01 28.2	18.8	-0.88	- 2.0	9.7/06.5	48153	2001 XQ ₂₂₃	2004 07 04.4	18 55.49	-16 05.8	21.4	-0.98	+ 2.4	2.4/04.7	30586
2003 BB ₃₈	2004 07 04.2	18 54.72	-19 57.8	18.6	-1.01	- 5.8	1.3/04.7	62441	2001 YC ₉₂	2004 07 04.4	18 55.53	-28 58.9	18.1	-0.98	+ 2.7	2.3/04.3	48180
2001 RV ₁₁₄	2004 07 04.2	18 54.73	-14 35.6	20.4	-1.00	- 2.4	3.0/05.0	46601	2000 VX ₅₁	2004 07 04.4	18 55.57	-35 48.5	19.0	-0.95	- 0.8	4.1/03.4	30422
2000 SB ₅₆	2004 07 04.2	18 54.74	-23 38.6	19.0	-0.92	- 0.8	0.3/04.2	47944	2000 TS ₆₆	2004 07 04.4	18 55.61	-26 50.4	20.0	-0.84	- 2.1	1.1/04.1	47974
2003 EN ₄	2004 07 04.2	18 54.79	-25 58.8	20.6	-1.00	- 0.2	1.0/04.1	50748	2001 UR ₁₀₅	2004 07 04.5	18 55.60	-25 33.0	20.1	-0.96	- 1.6	0.9/04.3	50570
2003 DK ₁₄	2004 07 04.3	18 54.76	-27 34.8	20.2	-1.07	- 3.1	1.7/03.8	50747	2001 VD ₅₉	2004 07 04.5	18 55.60	-17 24.7	18.0	-1.01	+ 2.0	2.6/04.7	43454
2000 QL ₁₇₃	2004 07 04.3	18 54.77	-02 15.6	18.5	-0.82	- 2.3	6.0/06.3	47925	2001 VK ₃₂	2004 07 04.5	18 55.60	-28 23.9	18.2	-1.09	- 2.3	2.6/04.0	48149
2001 XW ₄₅	2004 07 04.3	18 54.77	-33 25.3	20.5	-0.90	- 1.5	2.8/03.4	30566	2003 BN ₈₇	2004 07 04.5	18 55.63	-24 54.9	18.5	-0.96	- 6.0	0.8/04.2	50743
2001 SG ₂₁₁	2004 07 04.3	18 54.77	-24 37.8	21.0	-1.12	- 1.5	0.7/04.2	48103	2000 GQ ₉	2004 07 04.5	18 55.64	-27 44.8	19.0	-1.06	- 1.7	2.4/04.1	26947
2001 YC ₁₂₉	2004 07 04.3	18 54.78	-32 27.6	19.8	-0.94	- 3.6	3.2/03.2	50584	2001 SU ₁₈	2004 07 04.5	18 55.64	-17 27.0	20.4	-1.03	- 1.9	2.0/05.0	48083
1996 VJ ₁₆	2004 07 04.3	18 54.80	-32 23.5	21.3	-0.99	- 2.6	2.9/03.4	60481	2001 XS ₇₄	2004 07 04.5	18 55.65	-13 25.3	20.4	-0.89	- 0.1	3.1/05.2	46992
2001 TT ₁₂	2004 07 04.3	18 54.82	-35 10.8	20.6	-1.10	- 2.9	4.2/03.0	46698	2001 XU ₁₉	2004 07 04.5	18 55.68	-32 19.7	19.6	-0.97	+ 1.0	3.2/04.0	46964
2000 VD ₂₀	2004 07 04.3	18 54.85	-28 54.7	20.4	-0.85	- 2.0	1.7/03.7	29503	2001 YB ₁₀₉	2004 07 04.5	18 55.70	-29 45.1	18.9	-1.01	- 4.3	2.4/03.7	26107
2001 YQ ₁₃₃	2004 07 04.3	18 54.86	-21 38.2	21.2	-0.93	- 1.2	0.4/04.4	50584	2001 SY ₁₃₇	2004 07 04.5	18 55.75	-21 15.7	20.5	-1.03	- 1.3	0.6/04.7	46650
2000 GP ₃₅	2004 07 04.3	18 54.91	-35 41.3	18.5	-1.16	- 0.8	6.0/03.4	47877	2001 VT ₁₈	2004 07 04.5	18 55.78	-19 40.0	20.3	-1.05	- 0.7	1.3/04.8	46867
2001 WR ₃₅	2004 07 04.3	18 54.92	-27 50.6	20.5	-1.02	- 3.8	1.8/03.8	46940	2000 SB ₇₆	2004 07 04.5	18 55.78	-24 59.8	18.7	-0.90	- 3.8	1.0/04.3	47947
2000 QW ₁₅₅	2004 07 04.3	18 54.94	-26 17.8	18.8	-1.05	+ 2.2	1.3/04.2	30372	2001 YS ₄₇	2004 07 04.5	18 55.80	-23 17.9	21.7	-0.94	- 1.0	0.1/04.5	23312
2000 RE ₄₈	2004 07 04.3	18 54.95	-01 22.2	18.4	-0.91	+ 3.1	8.3/04.6	9810	2002 AJ ₁₀	2004 07 04.5	18 55.87	-56 18.3	19.1	-1.93	+ 3.3	12.2/02.0	30604
2001 UP ₄₂	2004 07 04.3	18 54.98	-11 50.3	20.5	-0.91	- 1.2	3.8/05.3	48136	1998 VR ₄₃	2004 07 04.5	18 55.89	-22 31.5	20.2	-1.07	- 2.5	0.1/04.6	47756
2001 UE ₅₁	2004 07 04.3	18 54.99	-03 10.4	19.8	-1.01	- 0.3	9.1/05.0	23860	2002 TS ₂₉₅	2004 07 04.5	18 55.90	+00 42.8	18.3	-1.26	+ 7.1	11.3/04.2	41140
2000 JM ₃₆	2004 07 04.3	18 54.99	-33 38.1	18.3	-1.13	- 3.8	4.6/03.2	43367	2003 EO ₁₃	2004 07 04.5	18 55.92	-30 58.6	20.3	-1.14	- 0.2	3.2/04.0	50749
2003 EG ₄₇	2004 07 04.3	18 55.00	-00 03.0	18.0	-0.88	+ 0.9	9.6/05.8	62443	2000 QZ ₁	2004 07 04.5	18 55.92	-02 45.3	17.4	-0.84	- 6.9	9.8/07.4	13679
2001 TV ₁₇₁	2004 07 04.3	18 55.02	-31 03.2	18.6	-1.16	+ 5.0	4.1/04.3	43440	2000 GL ₇	2004 07 04.5	18 55.95	-18 33.3	19.0	-0.94	- 1.7	2.2/05.0	20765
2000 QF ₃	2004 07 04.3	18 55.07	-18 24.2	19.9	-0.94	- 2.3	1.8/04.8	47910	2001 XC ₄₆	2004 07 04.5	18 55.98	-34 06.9	20.4	-0.96	- 1.3	3.3/03.6	46976
2001 VW ₆	2004 07 04.3	18 55.08	-23 55.8	20.7	-0.99	- 1.2	0.4/04.3	48146	1999 BB ₇	2004 07 04.5	18 55.99	-19 05.2	20.0	-1.02	- 0.5	1.4/04.9	47764
2001 XX ₄₅	2004 07 04.3	18 55.08	-36 26.6	19.6	-1.00	+ 1.6	4.0/03.7	27785	2000 GB ₁₂₀	2004 07 04.5	18 56.01	-18 40.7	19.4	-0.92	- 1.2	2.2/04.9	47882
2000 PH ₉	2004 07 04.3	18 55.11	-39 18.0	17.0	-0.92	-12.5	8.6/30.5	50479	2000 WX ₁₁₃	2004 07 04.6	18 55.97	-36 33.3	20.2	-0.96	- 3.9	4.3/02.9	50507
2000 QN ₁₀₅	2004 07 04.3	18 55.13	-21 12.7	20.1	-0.89	- 2.7	0.5/04.5	47920	2001 SV ₄₆	2004 07 04.6	18 56.00	-22 17.5	20.1	-1.07	- 2.6	0.2/04.7	48088
2001 SD ₈₄	2004 07 04.3	18 55.15	-12 21.3	20.3	-1.02	- 1.3	4.4/05.2	62360	2001 SK ₂₄	2004 07 04.6	18 56.02	-26 30.8	19.6	-1.12	- 1.0	1.5/04.3	46611
2003 FA ₁₀₅	2004 07 04.3	18 55.17	-30 59.2	19.5	-0.99	- 2.5	2.9/03.6	50757	2001 VR ₁₉	2004 07 04.6	18 56.03	-15 25.7	20.2	-0.95	+ 0.2	2.5/05.0	30532
1998 VT ₂₉	2004 07 04.3	18 55.18	-24 15.0	19.6	-1.13	- 0.6	0.5/04.3	47755	2003 EW ₁₉	2004 07 04.6	18 56.04	-14 41.0	20.5	-0.84	- 1.6	2.6/05.4	50749
2002 CR ₂₈	2004 07 04.3	18 55.19	-25 31.8	20.6	-0.84	- 2.2	0.7/04.1	26157	2000 SX ₄₀	2004 07 04.6	18 56.05	-19 53.9	19.6	-0.88	- 1.7	1.0/04.9	47943
2000 SN ₂₈₅	2004 07 04.3	18 55.22	-37 44.6	19.2	-1.03	+ 0.1	5.2/03.4	47965	2001 TH ₁₀₅	2004 07 04.6	18 56.09	-23 50.7	19.5	-1.07	- 1.0	0.4/04.5	48122
2001 UE ₁₁₀	2004 07 04.4	18 55.16	-22 15.0	20.1	-1.05	- 1.2	0.3/04.5	43447	2001 VT ₆₆	2004 07 04.6	18 56.10	-33 15.4	19.5	-1.22	- 3.3	4.5/03.5	48151
2001 XU ₂₆	2004 07 04.4	18 55.16	-22 22.7	17.4	-0.99	- 6.0	0.2/04.5	48160	2001 WT ₁₇	2004 07 04.6	18 56.20	-25 39.4	21.1	-1.07	- 1.1	1.1/04.4	27295
2001 VC ₁₁₆	2004 07 04.4	18 55.17	-26 01.4	18.6	-1.04	- 1.0	1.5/04.2	62381	2001 UK ₆₀	2004 07 04.6	18 56.23	-25 25.3	19.4	-1.14	+ 1.2	1.1/04.5	30513
2000 QO ₅₂	2004 07 04.4	18 55.18	-41 46.8	18.9	-1.27	+ 1.1	7.8/03.0	4992	2001 UF ₁₂₄	2004 07 04.6	18 56.24	-13 49.3	19.9	-0.89	- 4.1	2.8/05.7	46827
2002 CL ₂₆₆	2004 07 04.4	18 55.18	-23 21.4	18.2	-0.88	- 3.3	0.2/04.4	52901	2001 SA ₁₃₉	2004 07 04.6	18 56.31	-25 16.9	20.9	-1.05	- 0.8	0.9/04.5	48098
2001 QL ₂₅₇	2004 07 04.4	18 55.19	-09 06.7	17.5	-0.79	- 5.3	7.9/06.2	20929	2000 SE ₁₂	2004 07 04.6	18 56.34	-12 43.6	19.9	-1.00	- 2.3	4.3/05.0	47940
2002 CO ₁₇₆	2004 07 04.4	18 55.27	-22 05.9	20.0	-0.82	- 3.2	0.2/04.5	47183	2001 TY ₁₄₈	2004 07 04.6	18 56.41	-27 53.7	18.5	-1.05	- 5.0	2.2/04.1	48126
2001 TR ₁₅₇	2004 07 04.4	18 55.28	-18 04.1	18.4	-0.87	- 2.4	2.6/04.9	48127	2001 XJ ₅₇	2004 07 04.6	18 56.46	-14 11.4	19.3	-0.97	+ 1.8	3.5/05.0	30568
1999 GV ₄₄	2004 07 04.4	18 55.30	-28 59.1	18.0	-1.01	- 4.3	2.4/03.7	50407	2002 AZ	2004 07 04.7	18 56.37	-21 29.4	19.5	-0.83	- 3.8	0.4/04.9	50584
2001 SJ ₁₉₈	2004 07 04.4	18 55.32	-26 28.0	21.3	-1.07	- 1.6	1.3/04.1	46664	2001 XT ₁₇₅	2004 07 04.7	18 56.41	-19 38.3	18.4	-0.88	+ 1.3	1.1/04.9	48170
2001 TN ₁₈₆	2004 07 04.4	18 55.34	-36 43.1	21.2	-1.06	- 1.5	4.4/03.3	50565	2001 VN ₃₈	2004 07 04.7	18 56.42	-23 06.5	20.2	-1.15	- 0.9	10.4/15.0	30537

2000 HW ₆	2004 07 04.7	18 56.44	-29 16.0	19.9	-1.12	-	2.5	2.6/04.1	43363
2000 QQ ₁₄₇	2004 07 04.7	18 56.48	+12 19.3	20.8	-0.89	-	2.5	11.4/07.6	33240
2000 JE ₂₂	2004 07 04.7	18 56.50	-38 27.8	17.8	-0.92	-	4.2	8.6/02.6	47892
2001 TK ₆₄	2004 07 04.7	18 56.50	-07 16.9	21.4	-0.92	-	0.2	4.9/05.8	22888
2001 QF ₁₇₄	2004 07 04.7	18 56.52	-32 56.5	17.6	-1.13	+	1.1	5.1/04.2	23663
2001 UN ₅₀	2004 07 04.7	18 56.55	-01 25.3	20.0	-0.87	-	1.2	7.5/06.6	46797
2000 SZ ₃₁₇	2004 07 04.7	18 56.56	-13 35.5	18.7	-1.02	+	5.0	4.3/04.7	13779
2000 TH	2004 07 04.7	18 56.58	-35 59.5	19.7	-0.97	-	0.2	4.0/03.8	30407
2000 QK ₁₅₅	2004 07 04.7	18 56.60	-19 06.3	18.2	-1.02	+	2.9	1.4/04.9	25826
2001 XU ₁₃₈	2004 07 04.7	18 56.62	-19 08.4	20.4	-0.95	-	1.7	1.4/05.0	47024
2001 TH ₉₅	2004 07 04.7	18 56.63	-17 07.2	20.5	-0.96	-	0.5	1.9/05.2	30483
2001 XS ₃₃	2004 07 04.7	18 56.64	-22 30.9	19.2	-1.03	-	2.9	10.1/15.0	26068
1998 YL ₁₉	2004 07 04.7	18 56.67	-25 41.6	19.3	-1.07	+	1.8	1.3/04.6	43340
2001 RT ₆₈	2004 07 04.7	18 56.67	-18 13.5	18.6	-1.06	+	0.8	1.9/05.0	46589
2000 DC ₁₀₀	2004 07 04.7	18 56.75	-22 06.7	19.8	-1.13	-	3.3	0.3/04.8	47859
2001 UB ₂₂₂	2004 07 04.7	18 56.77	-23 10.2	18.5	-1.05	+	3.3	0.1/04.8	46856
2000 GK ₁₄₀	2004 07 04.7	18 56.78	-18 57.6	18.4	-0.93	-	3.4	1.9/05.2	41635
1999 DU ₂	2004 07 04.7	18 56.79	-28 55.1	17.7	-1.04	-	1.9	2.6/04.2	47771
2001 UB ₁₂₃	2004 07 04.7	18 56.81	-21 53.9	19.1	-1.08	-	1.4	0.4/04.9	48141
2003 FG ₁₁	2004 07 04.7	18 56.83	-17 42.6	20.0	-0.88	-	2.0	1.7/05.3	47397
2002 YR ₃₄	2004 07 04.7	18 56.89	-29 19.2	19.5	-1.15	+	1.2	2.8/04.5	47244
1999 RG ₆₄	2004 07 04.8	18 56.80	-19 30.2	19.9	-0.84	-	2.8	1.1/05.0	50416
2001 WC ₈₇	2004 07 04.8	18 56.85	-25 12.5	20.3	-0.97	-	0.6	0.8/04.6	46952
2000 RN ₃₉	2004 07 04.8	18 56.85	-30 36.1	19.7	-1.16	+	3.0	3.2/04.5	47934
2001 UZ ₅₈	2004 07 04.8	18 56.86	-10 18.0	19.7	-0.93	-	0.5	4.7/05.8	50569
2001 VD ₂₇	2004 07 04.8	18 56.92	-17 38.7	19.3	-0.97	+	0.2	1.9/05.2	46872
1998 SN ₂₁	2004 07 04.8	18 56.92	-28 03.3	18.4	-1.08	-	0.4	2.8/04.5	20705
2001 QN ₂₀₆	2004 07 04.8	18 56.95	-19 56.7	18.2	-1.04	-	2.3	1.5/05.0	31422
2001 UE ₁₅₄	2004 07 04.8	18 56.96	-11 44.9	18.8	-0.94	+	0.8	4.2/05.5	46839
2000 DG ₅₅	2004 07 04.8	18 56.98	-36 42.7	17.3	-1.02	+	1.3	8.0/04.0	23515
2000 XJ ₂₁	2004 07 04.8	18 57.01	-31 16.3	19.1	-0.97	+	0.6	2.9/04.3	47996
2001 WQ ₅	2004 07 04.8	18 57.07	-22 41.0	17.9	-1.13	+	0.5	10.2/15.0	57848
2000 SC ₃₁₆	2004 07 04.8	18 57.09	-20 23.0	20.5	-1.00	+	2.9	0.8/04.9	47967
2001 VU ₂₄	2004 07 04.8	18 57.10	-24 18.8	19.9	-1.08	-	1.0	0.6/04.7	50572
2000 XN ₃₃	2004 07 04.8	18 57.10	-32 08.3	20.1	-0.97	+	1.1	3.0/04.3	8330
1995 WF ₁₈	2004 07 04.8	18 57.13	-22 51.9	19.1	-1.17	-	0.9	10.4/15.0	47700
2001 XJ ₁₀₉	2004 07 04.8	18 57.15	-19 58.0	19.7	-1.03	-	1.2	1.1/05.0	48166
2001 XO ₇₄	2004 07 04.8	18 57.15	-22 42.7	20.0	-0.96	-	2.3	7.4/15.0	30571
2002 AC ₁₈₃	2004 07 04.8	18 57.16	-42 42.0	20.3	-1.19	-	0.8	6.8/03.0	48194
2000 SU ₁₂₀	2004 07 04.9	18 57.21	-36 22.4	19.6	-1.06	-	3.3	5.2/03.3	50491
1997 LF ₄	2004 07 04.9	18 57.23	-11 43.7	17.1	-1.00	+	4.5	5.8/05.1	20688
2003 HP ₉	2004 07 04.9	18 57.24	+01 44.5	19.4	-0.77	-	0.3	8.0/06.8	50190
2001 SQ ₂₈₉	2004 07 04.9	18 57.26	-24 03.0	19.3	-1.08	-	6.4	0.5/04.7	25998
2000 DY ₁₁	2004 07 04.9	18 57.54	-25 21.1	19.8	-1.11	-	1.4	1.2/04.8	53645
1999 RD ₃₁	2004 07 04.9	18 57.55	-66 44.7	19.5	-2.61	+	2.1	19.9/01.3	41580
2001 TL ₅₄	2004 07 04.9	18 57.58	-17 41.4	20.7	-1.17	+	0.5	2.3/05.0	23801
2001 RG ₅₅	2004 07 04.9	18 57.58	-29 28.4	19.3	-1.14	-	1.0	2.8/04.5	62352
2001 VV ₉₅	2004 07 04.9	18 57.63	+11 22.8	20.5	-0.77	+	0.2	9.2/08.6	50574
2002 AB ₁₀₉	2004 07 04.9	18 57.63	-26 11.2	20.1	-0.92	-	1.6	1.2/04.7	48190
2000 SG ₂₅₄	2004 07 04.9	18 57.66	-22 00.5	19.4	-0.91	-	3.0	8.5/15.0	25865
2001 XN ₈₀	2004 07 04.9	18 57.68	-31 05.2	20.0	-0.94	-	6.1	2.3/03.8	46995

2001 VS ₂₀	2004 07 04.9	18 57.70	-26 26.1	21.2	-1.07	-	2.1	1.4/04.7	30532
2000 VQ ₃₄	2004 07 05.0	18 57.60	-17 58.3	19.8	-0.87	-	2.2	1.6/05.5	27142
2001 SV ₂₅₇	2004 07 05.0	18 57.63	-18 45.8	19.9	-1.10	-	1.8	1.7/05.3	48108
2003 CG ₁₂	2004 07 05.0	18 57.64	-24 40.1	20.5	-1.08	-	2.2	0.7/04.8	50745
2000 HH ₄₇	2004 07 05.0	18 57.66	-12 29.2	18.5	-0.96	+	0.2	4.8/05.7	50473
2001 SJ ₁₄₈	2004 07 05.0	18 57.69	-31 54.6	20.1	-1.14	+	0.3	3.4/04.4	48099
2002 XS ₅₇	2004 07 05.0	18 57.72	-23 13.1	20.8	-1.08	-	1.0	0.2/05.0	41891
2002 BA ₂₃	2004 07 05.0	18 57.75	-39 30.3	19.6	-1.13	-	3.7	5.8/03.0	26148
2001 YR ₁₄₄	2004 07 05.0	18 57.77	-29 55.8	20.4	-0.87	-	1.7	2.1/04.4	33519
2001 SP ₃₂₆	2004 07 05.0	18 57.78	-28 49.4	19.6	-1.14	+	1.4	2.7/04.7	40691
2000 GK ₂₅	2004 07 05.0	18 57.86	-36 17.3	19.0	-1.13	-	1.5	6.7/03.8	23524
2001 OZ ₁₀₃	2004 07 05.0	18 57.89	-15 14.4	17.5	-0.90	-	6.0	4.3/06.1	18349
2001 UT ₅₀	2004 07 05.0	18 57.90	-34 15.5	19.4	-1.09	-	5.0	3.9/03.6	48137
2003 EP	2004 07 05.0	18 57.91	+12 56.0	20.9	-0.88	-	3.5	11.4/10.3	50747
2001 UC ₁₂₈	2004 07 05.0	18 57.95	-21 20.3	18.7	-0.97	-	4.7	0.5/05.2	30522
2001 SV ₁₁₂	2004 07 05.0	18 57.95	-15 26.4	17.2	-0.85	+	0.6	4.1/05.5	41733
2003 CM ₆	2004 07 05.0	18 57.96	-29 58.3	18.7	-1.01	-	1.0	2.8/04.5	47297
2001 TE ₉₃	2004 07 05.0	18 57.97	-31 12.6	18.9	-1.17	+	0.4	3.8/04.5	23814
2001 UU ₁₇₉	2004 07 05.0	18 57.99	-12 37.4	19.5	-0.91	-	4.5	3.4/06.3	50571
2001 VJ ₃₆	2004 07 05.0	18 58.01	-24 18.0	19.7	-1.00	-	1.0	0.6/05.0	46879
2001 UJ ₄₁	2004 07 05.0	18 58.02	-19 34.3	21.2	-1.00	-	2.0	1.2/05.4	50568
2001 XZ ₁₉₀	2004 07 05.0	18 58.06	-22 03.7	20.9	-0.87	-	1.0	0.2/05.2	48171
2001 TX ₁₈₀	2004 07 05.0	18 58.07	-22 07.2	18.7	-0.96	+	0.8	0.3/05.1	22922
2003 EK ₃₅	2004 07 05.0	18 58.11	-42 13.0	19.2	-1.06	+	0.9	6.0/04.0	50751
2003 BY ₈₄	2004 07 05.1	18 58.03	-28 23.5	19.6	-1.17	-	3.5	2.3/04.5	43504
2003 EO ₁₈	2004 07 05.1	18 58.03	-20 06.0	20.9	-0.98	-	2.5	0.9/05.4	50749
2003 CL ₁₆	2004 07 05.1	18 58.05	-26 03.1	20.7	-0.99	-	2.8	1.2/04.8	47302
2001 VZ ₉₇	2004 07 05.1	18 58.10	-04 07.0	20.9	-0.82	-	1.2	5.7/06.8	48153
2001 SJ ₃₉	2004 07 05.1	18 58.14	-23 26.4	20.5	-1.09	-	2.5	0.3/05.1	46616
2001 RB ₁₂₄	2004 07 05.1	18 58.17	-28 29.6	20.0	-1.13	-	1.4	2.2/04.6	46602
2001 UY ₁₁₅	2004 07 05.1	18 58.24	-24 14.5	20.9	-0.92	-	1.8	0.4/05.0	48141
2001 QT ₇₃	2004 07 05.1	18 58.25	-24 58.2	19.7	-1.15	-	0.9	0.9/05.0	48051
2001 VF ₇₆	2004 07 05.1	18 58.25	-22 36.7	20.0	-0.96	-	0.6	0.1/05.2	46899
2000 WB ₉₀	2004 07 05.1	18 58.30	-21 25.0	19.7	-0.84	-	0.3	0.4/05.3	47990
2002 AY ₁₃₀	2004 07 05.1	18 58.30	-19 42.6	20.3	-0.99	-	2.9	1.1/05.5	30620
2001 QU ₁₁₈	2004 07 05.1	18 58.34	-22 43.0	18.0	-1.10	0.0	0.0/05.2	50544	
2000 QT ₂₂₆	2004 07 05.1	18 58.36	+19 16.4	18.5	-0.86	-	3.7	15.3/10.9	50485
2000 UC ₄₇	2004 07 05.1	18 58.38	-12 15.5	19.4	-0.82	+	0.2	3.6/05.9	47978
2000 UK ₆₃	2004 07 05.1	18 58.40	-09 28.4	19.8	-0.85	+	1.0	4.7/05.9	47979
1997 CA	2004 07 05.1	18 58.41	-24 23.6	20.2	-0.87	-	0.5	0.5/05.1	47709
2001 VE ₁₀₆	2004 07 05.1	18 58.44	-23 38.6	17.9	-0.93	+	1.6	0.5/05.1	43456
2001 QV ₂₄₈	2004 07 05.2	18 58.43	-33 21.6	19.6	-1.14	-	2.7	4.1/04.1	48065
2001 WE ₃₃	2004 07 05.2	18 58.45	-26 07.8	21.6	-0.99	-	2.8	1.2/04.9	46937
2000 GJ ₁₀₇	2004 07 05.2	18 58.45	-27 17.8	17.4	-0.99	-	3.7	2.3/04.7	47881
2000 XW ₁₉	2004 07 05.2	18 58.48	-46 58.0	19.3	-1.11	-	3.2	7.1/02.0	47996
2001 WM ₉	2004 07 05.2	18 58.49	-32 39.7	19.2	-1.08	-	6.3	3.6/03.8	48156
2001 UQ ₁₈₃	2004 07 05.2	18 58.49	-18 48.1	17.2	-0.93	-	7.0	2.1/05.8	43450
2000 YN ₁₀₂	2004 07 05.2	18 58.49	-18 15.2	17.3	-0.97	+	4.0	1.5/05.3	9539
2000 QU ₂₂₂	2004 07 05.2	18 58.50	-26 09.6	19.4	-0.98	-	4.3	1.1/04.8	47930
2000 ER ₁₀₀	2004 07 05.2	18 58.54	-22 46.7	19.3	-1.09	-	1.0	0.0/05.2	50465
2001 SD ₇₂	2004 07 05.2	18 58.57	-23 06.7	19.1	-1.12	-	3.1	0.1/05.2	25969

2000 GO ₁₀₇	2004 07 05.2	18 58.57	-21 51.0	17.9	-1.02	-	3.7	0.4/05.3	1610	2002 CA ₁₃₁	2004 07 05.4	18 59.72	-25 14.5	19.0	-0.91	+	1.0	0.8/05.3	30666
1999 CH ₄	2004 07 05.2	18 58.69	-27 40.3	21.2	-1.05	-	0.8	1.7/04.9	43342	2002 CU ₂₅₆	2004 07 05.4	18 59.73	-33 55.0	20.3	-0.94	-	0.5	3.3/04.6	30691
1999 GK ₅₀	2004 07 05.2	18 58.71	-27 58.1	18.6	-1.05	-	0.4	1.8/04.9	47776	1999 RC ₁₂₅	2004 07 05.5	18 59.73	-44 22.7	19.1	-1.10	+	1.2	6.8/04.0	47792
2001 VE ₁₀	2004 07 05.2	18 58.77	-16 23.4	20.1	-1.01	+	2.4	2.3/05.5	46863	2001 YF ₈₄	2004 07 05.5	18 59.73	-24 33.2	19.9	-0.85	-	1.8	0.5/05.3	48179
2000 WA ₁₆₇	2004 07 05.2	18 58.80	-21 52.6	19.9	-0.80	-	2.1	0.3/05.4	47993	2000 SA ₃₀	2004 07 05.5	18 59.77	-16 41.5	20.1	-0.90	-	2.4	2.1/06.1	27702
2001 QN ₈₃	2004 07 05.2	18 58.84	-29 27.0	16.9	-1.05	+	1.8	3.7/04.9	50543	4164 T-3	2004 07 05.5	18 59.88	-21 16.9	18.1	-1.06	-	4.3	0.7/05.7	48393
2000 EF ₁₁₃	2004 07 05.2	18 58.94	-32 53.3	19.1	-1.18	-	2.9	4.4/04.3	50465	2001 TD ₁₂₈	2004 07 05.5	18 59.90	-39 39.7	19.7	-1.24	-	3.2	5.9/03.6	50563
2002 AH ₈₂	2004 07 05.3	18 58.86	-17 11.5	20.1	-0.93	-	2.8	1.9/05.9	47140	2000 SN ₃₁₃	2004 07 05.5	18 59.90	-27 56.3	18.4	-1.00	+	2.4	1.8/05.3	30405
2001 XZ ₂₄₇	2004 07 05.3	18 58.87	+00 02.3	20.7	-0.85	-	2.0	6.8/07.5	27791	2001 SG ₃₂₇	2004 07 05.5	18 59.98	-33 34.0	20.3	-1.15	-	2.3	4.3/04.5	48112
2000 SR ₁₀₂	2004 07 05.3	18 58.87	-41 22.2	21.9	-1.10	-	0.8	5.5/03.5	29340	1999 XS ₁₁₂	2004 07 05.5	19 00.00	-48 26.2	18.9	-1.10	+	0.3	7.5/03.3	47832
2001 UB ₁₆₁	2004 07 05.3	18 58.87	-20 11.3	18.2	-0.90	-	4.0	1.3/05.6	48144	2001 UM ₄	2004 07 05.5	19 00.04	-25 23.9	19.4	-1.00	-	2.6	1.1/05.3	48133
2003 FV ₁₁	2004 07 05.3	18 58.91	-23 46.8	19.4	-0.91	-	0.9	0.4/05.2	47398	2001 TW ₁₀₇	2004 07 05.5	19 00.05	-32 07.3	17.7	-1.12	-	9.0	4.2/03.9	50563
2002 CW ₂₈₉	2004 07 05.3	18 58.92	-40 22.1	19.5	-1.01	-	0.6	5.4/03.8	33534	2001 XR ₁₈₆	2004 07 05.5	19 00.07	-22 34.9	19.1	-0.90	-	2.5	0.1/05.6	48170
2001 SX ₁₉	2004 07 05.3	18 58.96	-20 04.4	19.8	-1.02	-	2.8	1.0/05.6	43420	2001 QH ₂₂₅	2004 07 05.5	19 00.07	-31 00.2	20.5	-1.20	-	0.3	3.5/05.0	50547
1997 VN ₈	2004 07 05.3	18 58.97	-29 05.3	21.2	-1.03	-	1.5	2.0/04.8	47718	2000 NE ₁₀	2004 07 05.5	19 00.07	-49 14.6	18.8	-1.33	-	4.6	10.9/01.3	47901
2002 BT ₁₄	2004 07 05.3	18 58.97	-09 05.6	21.5	-0.73	-	2.4	3.4/06.8	30631	2000 UB ₄₁	2004 07 05.5	19 00.10	-08 00.7	19.0	-0.76	+	0.5	3.9/06.6	47977
2001 VR ₂₉	2004 07 05.3	18 58.98	-22 30.8	18.3	-1.08	-	3.3	0.1/05.4	48148	2001 UH ₁₃	2004 07 05.5	19 00.11	-18 10.7	19.9	-1.11	-	1.1	2.0/05.9	30505
2000 ES ₄₅	2004 07 05.3	18 59.00	-02 55.0	18.2	-0.88	-	3.5	9.8/08.0	47863	2001 YB ₁₁₅	2004 07 05.5	19 00.12	-20 56.9	18.7	-0.92	-	4.0	0.7/05.8	48181
2001 RK ₉₀	2004 07 05.3	18 59.03	-34 49.8	20.0	-1.19	-	3.0	4.9/04.0	50551	1999 GT ₁₃	2004 07 05.5	19 00.13	-28 10.2	20.1	-1.03	-	1.2	2.1/05.1	47775
2000 XM ₂₃	2004 07 05.3	18 59.07	-32 29.6	20.0	-0.90	+	0.1	2.6/04.6	8567	2001 XO ₇₅	2004 07 05.5	19 00.13	-38 58.8	20.3	-1.13	-	4.7	5.7/03.5	46993
2001 RZ ₈₁	2004 07 05.3	18 59.10	-17 57.9	20.5	-0.93	-	2.0	1.5/05.8	46596	2001 TZ ₆₃	2004 07 05.5	19 00.16	-04 46.5	19.6	-0.91	+	0.2	6.3/06.9	48119
2000 GU ₅₄	2004 07 05.3	18 59.10	-34 19.0	18.9	-1.13	-	1.4	5.4/04.4	47878	2002 AR ₁₈	2004 07 05.6	19 00.10	-14 52.5	19.4	-0.85	-	7.3	2.3/06.9	48185
1998 GH	2004 07 05.3	18 59.16	-62 38.7	18.6	-2.30	-	5.3	16.9/28.5	47728	2001 UW ₁₅₄	2004 07 05.6	19 00.11	-26 01.9	18.9	-1.09	-	4.1	1.4/05.2	30525
2002 AF ₁₈₄	2004 07 05.3	18 59.18	-24 12.5	22.2	-0.82	-	1.1	0.4/05.2	48194	2002 AC ₁₁₆	2004 07 05.6	19 00.12	-27 30.5	20.8	-0.90	-	0.1	1.5/05.2	48190
2002 AN ₁₁₀	2004 07 05.3	18 59.19	-31 42.1	20.0	-0.95	+	1.0	2.9/04.8	47146	2001 WW ₁₀	2004 07 05.6	19 00.12	-28 57.6	21.3	-0.96	-	3.2	2.0/04.9	46927
2000 QX ₆₅	2004 07 05.3	18 59.20	-16 12.9	19.2	-0.89	-	3.7	2.2/06.1	27678	2000 GE ₁₀₅	2004 07 05.6	19 00.19	-33 07.8	16.8	-0.86	-	4.0	5.9/04.3	23529
2000 RQ ₃₂	2004 07 05.3	18 59.23	-29 27.9	17.9	-0.94	+	3.0	3.5/05.1	13725	2001 QN ₅₉	2004 07 05.6	19 00.20	-20 54.9	17.5	-1.09	-	5.7	0.9/05.9	50543
2000 QA ₇₀	2004 07 05.3	18 59.26	-47 08.5	18.3	-1.34	+	1.7	10.8/03.4	47916	2003 HR ₁₂	2004 07 05.6	19 00.22	-03 24.1	19.8	-0.73	-	1.7	5.5/07.6	50762
1999 BN ₂₄	2004 07 05.3	18 59.26	-14 06.1	18.9	-1.00	+	0.4	3.0/05.9	47764	2001 TZ ₈₅	2004 07 05.6	19 00.26	-19 39.0	19.2	-1.03	+	0.7	1.5/05.8	27262
2001 WH ₃₅	2004 07 05.3	18 59.27	-32 26.2	19.6	-1.00	-	4.8	3.3/04.1	46939	2001 UQ ₂₂₀	2004 07 05.6	19 00.27	-19 39.6	20.5	-0.98	-	2.3	1.1/05.9	50572
2001 UM ₃₁	2004 07 05.3	18 59.30	-18 10.0	17.8	-0.99	-	6.4	2.4/06.0	30508	2003 CF ₁	2004 07 05.6	19 00.27	-22 42.9	19.5	-0.97	-	3.3	0.0/05.6	48324
2000 QL ₁₂₃	2004 07 05.3	18 59.35	-46 18.4	17.9	-1.27	+	0.5	9.0/03.3	9800	2001 UA ₁₄₂	2004 07 05.6	19 00.30	-23 15.7	20.6	-0.95	-	2.1	0.2/05.6	48142
2001 TS ₁₁₉	2004 07 05.4	18 59.28	-28 36.3	18.9	-1.08	+	2.4	2.1/05.2	50563	2001 TR ₇	2004 07 05.6	19 00.33	-21 09.7	19.8	-1.04	-	1.3	0.6/05.8	46698
2000 RY ₂₃	2004 07 05.4	18 59.31	-03 19.7	21.6	-0.73	-	1.0	4.7/07.2	47933	2001 YQ ₁₃	2004 07 05.6	19 00.34	-25 55.0	18.2	-1.07	+	0.2	1.3/05.4	30593
2000 SG ₂₆₆	2004 07 05.4	18 59.33	-32 29.9	19.9	-0.90	-	2.5	2.8/04.4	47963	1998 SQ ₈₅	2004 07 05.6	19 00.35	-23 11.2	20.1	-1.15	-	2.1	0.2/05.6	50393
2002 AM ₄₈	2004 07 05.4	18 59.34	-17 04.2	19.2	-0.81	-	3.6	2.0/06.1	47132	2001 WA ₁₉	2004 07 05.6	19 00.37	-20 24.4	21.3	-1.05	-	0.9	0.9/05.8	27296
2001 YT ₃₉	2004 07 05.4	18 59.35	-25 36.2	19.9	-0.98	-	1.4	1.0/05.2	47082	2003 EK ₂	2004 07 05.6	19 00.38	-16 17.6	19.7	-1.01	-	2.9	2.5/06.3	50748
2001 WG ₈₇	2004 07 05.4	18 59.36	-19 43.9	21.2	-1.12	+	0.2	1.3/05.6	26063	2001 YX ₁₃₀	2004 07 05.6	19 00.43	-27 32.2	19.9	-1.05	-	2.8	1.7/05.2	27797
2001 WA ₉₀	2004 07 05.4	18 59.37	-22 43.0	19.3	-0.94	+	0.4	0.0/05.4	46953	2000 HP ₈₆	2004 07 05.6	19 00.45	-22 40.3	18.6	-0.93	-	3.4	0.0/05.7	47890
2003 EL ₄₁	2004 07 05.4	18 59.39	-29 19.8	19.2	-1.03	-	5.3	2.3/04.6	47368	2000 LV ₆	2004 07 05.6	19 00.48	-15 27.7	19.7	-0.99	-	1.9	3.1/06.4	47899
2000 SY ₁₁₉	2004 07 05.4	18 59.41	-15 21.2	19.8	-0.79	-	2.0	2.2/06.2	47951	2001 TV ₁₅₄	2004 07 05.6	19 00.49	-16 39.2	18.3	-0.96	-	5.4	2.7/06.5	48127
2000 SG ₁₅₈	2004 07 05.4	18 59.45	-21 21.4	19.2	-0.82	+	1.1	0.4/05.5	27713	2000 TU ₃₇	2004 07 05.6	19 00.53	-08 06.0	17.6	-0.85	-	7.5	6.3/08.1	46504
2000 QU ₁₉₀	2004 07 05.4	18 59.49	-00 55.3	16.9	-0.73	-	15.0	10.9/11.6	62306	2001 TP ₇₅	2004 07 05.6	19 00.58	-33 17.7	18.4	-1.14	-	4.8	4.9/04.3	48120
1997 GU ₁₃	2004 07 05.4	18 59.50	-16 52.9	19.6	-1.07	-	1.2	2.7/05.9	6756	2002 VG ₁₅	2004 07 05.6	19 00.62	-55 14.8	20.0	-1.90	-	9.0	15.2/29.5	41164
2000 QG ₅₉	2004 07 05.4	18 59.54	-35 02.2	19.1	-1.19	-	2.3	5.7/04.0	47915	2000 EE ₉₂	2004 07 05.7	19 00.49	-29 14.3	17.2	-1.12	+	1.2	3.2/05.4	41615
2001 WX ₄₄	2004 07 05.4	18 59.54	-12 04.6	19.4	-0.98	-	3.6	4.9/06.6	48157	2000 QS ₅	2004 07 05.7	19 00.50	-15 59.7	19.4	-0.90	-	2.9	2.5/06.4	47910
2000 TQ ₆₈	2004 07 05.4	18 59.54	-07 27.5	19.7	-0.84	-	5.1	5.0/07.5	27730	2001 US ₂₃	2004 07 05.7	19 00.54	-22 50.2	18.7	-1.12	+	1.5	0.1/05.7	30507
2001 QF ₁₁₇	2004 07 05.4	18 59.62	-21 51.0	18.4	-1.11	+	3.3	0.5/05.5	50544	2003 BL ₆₈	2004 07 05.7	19 00.56	-01 01.6	18.7	-0.77	-	6.8	8.0/09.6	50742
2001 SU ₄₂	2004 07 05.4	18 59.64	-25 35.8	20.2	-1.09	-	2.0	1.1/05.2	50553	2001 SJ ₂₁₁	2004 07 05.7	19 00.56	-13 01.8	20.1	-0.98	-	2.1	3.7/06.6	48103
1998 HW ₅₄	2004 07 05.4	18 59.69	-23 50.4	20.5	-0.90	-	0.6	0.3/05.4	50385	2001 US ₁₄₉	2004 07 05.7	19 00.60	-25 40.6	19.3	-1.01	-	2.2	1.2/05.4	48143
2003 CS ₃	2004 07 05.4	18 59.72	-02 11.5	19.5	-0.80	-	4.5	6.6/08.5	50744	2000 GB ₆₆	2004 07 05.7	19 00.61	-22 09.0	18.0	-0.94	-	0.8	0.3/05.8	23526

2001 QE ₂₃₂	2004 07 05.7	19 00.61	-26 26.8	19.9	-1.09	- 1.5	1.4/05.4	48063	2000 QH ₃₆	2004 07 06.0	19 01.72	-32 51.5	18.5	-1.11	+ 2.5	3.9/05.6	47913
2001 UZ ₇₄	2004 07 05.7	19 00.66	-36 49.8	20.2	-1.07	- 3.7	4.7/04.1	46805	1999 JL ₆₉	2004 07 06.0	19 01.73	-08 22.6	19.6	-0.91	- 0.5	4.9/07.2	47780
2000 SX ₂₃₉	2004 07 05.7	19 00.66	-04 47.3	20.0	-0.82	- 0.4	6.3/07.2	47961	2003 CM ₁₉	2004 07 06.0	19 01.74	-34 08.0	21.1	-1.03	- 0.7	3.7/05.1	48326
2002 CJ ₁₆₃	2004 07 05.7	19 00.67	-16 06.7	18.6	-0.81	- 5.9	2.2/06.7	48207	2002 CV ₁₉	2004 07 06.0	19 01.77	-30 49.3	18.9	-1.13	- 1.7	3.0/05.2	27827
2001 XM ₈₂	2004 07 05.7	19 00.69	-19 05.6	20.6	-0.92	- 2.0	1.3/06.1	46996	2001 SO ₆₇	2004 07 06.0	19 01.78	-18 43.4	20.0	-1.09	- 2.4	1.6/06.4	50554
1999 GE ₁	2004 07 05.7	19 00.72	-47 54.7	16.9	-1.17	+ 0.2	11.7/03.7	47775	1995 UK ₃₆	2004 07 06.0	19 01.80	-36 04.7	22.4	-0.92	- 2.2	3.5/04.6	28947
2000 SU ₁₄	2004 07 05.7	19 00.75	-16 13.6	19.3	-0.89	- 6.2	2.4/06.7	30386	2000 FS ₂₀	2004 07 06.0	19 01.84	-14 25.6	17.2	-0.95	- 5.9	4.1/07.2	41622
2001 QE ₂₆₃	2004 07 05.7	19 00.78	-19 59.7	18.7	-1.11	+ 1.9	1.2/05.9	25933	2001 BG ₁	2004 07 06.0	19 01.84	-19 40.4	17.8	-1.44	-22.0	1.5/06.8	12272
2003 FM ₆₂	2004 07 05.7	19 00.82	-06 25.1	19.9	-0.91	- 3.3	5.8/07.6	50756	2001 SM ₂₃₈	2004 07 06.0	19 01.87	-07 55.7	18.2	-0.92	- 3.4	6.1/07.8	50558
2001 XQ ₁₅₁	2004 07 05.7	19 00.82	-21 06.2	19.9	-0.94	- 1.1	0.6/05.9	47029	2002 YG ₂₉	2004 07 06.0	19 01.90	-21 47.3	19.2	-1.03	- 4.0	0.4/06.1	48308
2003 EW ₄₃	2004 07 05.7	19 00.86	-15 36.8	19.9	-0.83	- 2.4	2.3/06.5	47371	2003 BH ₂₇	2004 07 06.0	19 01.91	-12 29.1	20.8	-0.98	- 2.6	3.6/07.1	50739
2000 QY ₂₂	2004 07 05.7	19 00.92	-02 04.9	19.4	-0.84	- 3.8	8.3/08.4	47912	2003 AX ₈₀	2004 07 06.0	19 01.95	+10 17.7	20.3	-0.96	- 1.1	10.9/09.5	50736
2001 XJ ₂₄₅	2004 07 05.8	19 00.93	-15 02.1	19.6	-0.97	- 2.9	3.0/06.6	48174	2000 VV ₁₈	2004 07 06.0	19 02.00	+02 19.3	20.0	-0.74	- 0.4	7.4/08.4	50502
2001 SY ₁₀₇	2004 07 05.8	19 00.93	-35 29.6	17.8	-1.20	+ 0.7	6.5/04.8	48094	2000 OT ₃₈	2004 07 06.0	19 02.04	-16 49.7	17.7	-1.01	+ 2.9	2.2/06.3	27669
2001 XD ₃₉	2004 07 05.8	19 00.95	-32 59.7	20.2	-1.03	0.0	3.4/05.0	48161	2001 ST ₂₄₄	2004 07 06.0	19 02.06	-31 40.5	21.5	-1.12	- 2.1	3.1/05.2	25990
2002 YO ₃₁	2004 07 05.8	19 00.95	-23 41.5	17.8	-1.03	- 6.1	0.4/05.7	50729	2001 RL ₄₁	2004 07 06.0	19 02.08	-11 49.1	19.8	-1.00	- 1.5	4.6/07.1	50549
7623 P-L	2004 07 05.8	19 00.96	-20 28.7	19.8	-1.05	- 2.6	0.9/06.0	48388	2003 FZ ₁₄	2004 07 06.0	19 02.10	-15 25.6	19.1	-0.80	- 1.4	2.4/06.8	47400
2001 SK ₃₁₈	2004 07 05.8	19 01.00	-22 51.8	19.5	-1.00	- 0.8	0.1/05.8	48111	2000 WW ₅₆	2004 07 06.0	19 02.13	-40 35.7	20.4	-1.00	- 4.5	5.1/03.5	47989
1998 YH ₂₁	2004 07 05.8	19 01.06	-23 37.0	19.5	-1.07	+ 1.0	0.4/05.8	47762	2001 TF ₁₄	2004 07 06.0	19 02.15	-26 50.5	19.9	-1.06	- 4.0	1.6/05.6	50560
2001 VZ ₇₈	2004 07 05.8	19 01.09	-27 08.5	20.1	-1.01	- 1.5	1.6/05.4	46899	2000 QY ₁₅₄	2004 07 06.0	19 02.15	-12 43.7	20.0	-0.89	+ 0.1	3.2/06.8	47924
2001 SQ ₂₀₀	2004 07 05.8	19 01.12	-21 15.7	20.6	-1.05	- 1.6	0.5/06.0	48102	2001 SQ ₆₁	2004 07 06.0	19 02.18	-09 24.6	18.7	-0.95	- 1.7	6.5/07.3	27772
2001 QA ₂₃₉	2004 07 05.8	19 01.12	-32 35.0	19.9	-1.15	- 0.6	3.8/05.1	50547	2001 TW ₇	2004 07 06.0	19 02.19	-37 55.4	20.0	-1.26	- 4.5	6.3/04.0	30472
2000 NM ₂₅	2004 07 05.8	19 01.14	-22 53.1	18.4	-0.97	- 3.2	0.1/05.8	47902	2000 QN ₇₈	2004 07 06.0	19 02.22	-20 18.1	19.1	-0.96	- 1.1	1.0/06.3	56166
1998 WW ₄	2004 07 05.8	19 01.16	-27 04.0	18.4	-1.19	- 9.2	1.6/05.1	50398	2000 TU ₅₉	2004 07 06.1	19 02.13	-17 46.7	18.6	-0.89	- 5.0	1.6/06.7	47974
2001 SN ₅₆	2004 07 05.8	19 01.17	-28 15.8	19.8	-1.06	- 3.3	2.0/05.2	46620	2001 XA ₂₅₈	2004 07 06.1	19 02.13	-53 19.9	19.4	-1.28	- 2.2	9.1/03.0	50581
2001 XO ₁₉₉	2004 07 05.8	19 01.17	-19 42.8	21.2	-0.91	- 0.1	0.9/06.1	30584	1999 JU ₈₇	2004 07 06.1	19 02.14	-23 38.3	18.7	-0.98	- 5.0	0.3/06.0	47781
2003 BD ₁₄	2004 07 05.8	19 01.17	-15 17.3	18.9	-0.98	+ 1.4	3.0/06.3	48317	2000 QS ₁₅₆	2004 07 06.1	19 02.15	+00 04.6	19.6	-0.86	- 1.0	8.6/08.0	47924
2000 UZ ₁₀₈	2004 07 05.8	19 01.23	-23 43.2	18.5	-0.85	- 3.2	0.3/05.7	47983	2001 RO ₁₇	2004 07 06.1	19 02.20	-33 26.4	20.4	-1.19	- 1.5	4.1/05.1	25939
2001 SD ₁₅₇	2004 07 05.8	19 01.25	-29 37.3	20.2	-1.13	+ 0.3	2.7/05.4	48099	2003 BQ ₁₇	2004 07 06.1	19 02.28	-22 30.1	20.3	-1.05	- 1.4	0.1/06.1	43494
2003 FK ₁₁₇	2004 07 05.8	19 01.25	-21 47.9	18.3	-0.92	- 3.7	0.4/06.0	47492	1999 RR ₁₃₄	2004 07 06.1	19 02.32	-29 11.0	18.5	-0.95	+ 1.0	2.4/05.7	35478
2001 UG ₁₆₇	2004 07 05.8	19 01.25	-41 16.0	20.4	-1.09	- 0.7	5.3/04.2	25416	1993 TZ ₄₃	2004 07 06.1	19 02.33	-17 40.4	19.8	-1.00	- 1.4	2.2/06.6	47689
4320 T-3	2004 07 05.8	19 01.29	-18 52.6	20.4	-0.91	- 3.1	1.5/06.3	26187	2001 TL ₁₇₃	2004 07 06.1	19 02.35	-28 11.3	20.4	-1.10	+ 0.5	2.1/05.8	27776
1999 CW ₆	2004 07 05.8	19 01.31	-18 24.9	19.2	-1.00	- 7.3	1.6/06.5	43342	2001 YM ₅₁	2004 07 06.1	19 02.40	-26 12.6	18.9	-1.03	- 1.5	1.7/05.8	48177
2001 WZ ₉	2004 07 05.8	19 01.31	-20 58.9	20.8	-1.00	- 3.3	0.6/06.1	50575	2000 CV ₁₁₁	2004 07 06.1	19 02.44	-28 48.9	19.1	-1.17	- 4.8	2.4/05.4	50459
2000 ST ₄₂	2004 07 05.8	19 01.39	-19 40.1	19.8	-0.88	- 1.2	1.0/06.2	47943	2000 HH ₄₆	2004 07 06.1	19 02.51	-27 55.7	18.5	-0.99	- 1.6	2.7/05.7	47888
2001 WA ₁₄	2004 07 05.9	19 01.39	-18 54.0	20.3	-0.95	- 2.4	1.3/06.3	48156	2000 HG ₇₂	2004 07 06.1	19 02.51	-31 20.1	17.9	-1.04	- 5.6	4.2/04.9	23538
2001 QN ₁₅₃	2004 07 05.9	19 01.48	-22 05.0	20.2	-1.28	+ 5.7	0.2/05.9	20014	2000 QK ₁₈₇	2004 07 06.1	19 02.54	-44 50.6	19.0	-1.30	- 0.9	8.5/03.7	27687
2002 AP ₇₄	2004 07 05.9	19 01.51	-27 58.4	18.5	-0.94	+ 2.0	1.8/05.7	47138	2001 VA ₈₇	2004 07 06.1	19 02.56	-00 51.6	19.2	-0.86	- 2.9	7.9/08.8	48153
2001 RD ₆₄	2004 07 05.9	19 01.52	-13 02.7	20.4	-1.05	+ 0.2	3.9/06.6	46588	2000 QA ₁₆₁	2004 07 06.1	19 02.57	-03 00.0	18.9	-0.92	+ 1.5	8.1/07.1	46442
1999 GR ₃₆	2004 07 05.9	19 01.53	-39 33.5	18.0	-1.18	+ 0.6	5.7/04.9	47776	1999 SV ₁₉	2004 07 06.1	19 02.59	-09 25.1	18.4	-0.79	- 4.1	5.0/07.8	47799
2001 YO ₄₆	2004 07 05.9	19 01.55	-25 59.1	19.7	-0.92	- 1.8	1.1/05.6	47084	2003 BY ₇₂	2004 07 06.2	19 02.54	-11 16.1	21.3	-1.00	- 2.9	4.3/07.4	48322
2001 SG ₆₉	2004 07 05.9	19 01.55	-10 31.7	17.2	-0.88	- 4.8	6.5/07.5	25968	2001 OC ₉₅	2004 07 06.2	19 02.59	-28 44.0	19.0	-1.15	- 0.6	2.5/05.7	48042
2001 TA ₈₀	2004 07 05.9	19 01.56	-16 26.7	17.5	-0.92	- 2.7	3.5/06.6	48120	2000 OB ₈	2004 07 06.2	19 02.69	+01 01.1	17.5	-0.89	+ 1.8	10.4/07.0	9791
2001 XV ₄₇	2004 07 05.9	19 01.56	-42 56.9	19.5	-1.41	+ 4.2	6.5/05.3	30567	4815 P-L	2004 07 06.2	19 02.70	-27 57.0	19.9	-1.04	- 1.9	1.9/05.7	48387
1996 RR ₁₁	2004 07 05.9	19 01.57	-27 56.6	19.5	-1.00	- 1.5	1.9/05.5	47704	2001 UR ₉₃	2004 07 06.2	19 02.71	-30 40.1	19.6	-1.02	- 4.5	2.7/05.2	46809
2003 FT ₄₄	2004 07 05.9	19 01.61	-46 46.1	19.0	-1.25	- 1.7	8.7/03.4	50755	2001 TR ₁	2004 07 06.2	19 02.78	-25 44.4	20.1	-1.03	- 1.1	1.1/06.0	46696
2001 SV ₁₀₆	2004 07 05.9	19 01.62	-28 45.1	17.6	-1.13	+ 1.6	3.1/05.6	23735	2001 BU ₂₅	2004 07 06.2	19 02.79	-09 56.2	20.0	-0.75	- 4.9	3.4/08.0	48006
2001 VT ₁₀₅	2004 07 05.9	19 01.71	-27 24.8	17.7	-1.03	- 1.3	2.5/05.5	35123	2001 UD ₁₂₉	2004 07 06.2	19 02.82	-27 57.5	19.2	-1.16	- 4.3	2.3/05.6	50570
2001 UV ₁₁₆	2004 07 05.9	19 01.72	-18 04.2	20.7	-0.92	- 1.8	1.5/06.4	46822	2002 AK ₁₀₄	2004 07 06.2	19 02.82	-21 31.9	20.8	-0.87	- 2.1	0.4/06.4	62386
2000 SZ ₂₄₈	2004 07 05.9	19 01.73	-02 29.0	19.2	-0.83	- 2.5	7.2/08.2	46491	2002 AC ₂₀	2004 07 06.2	19 02.85	-25 39.8	19.7	-0.95	- 0.9	1.0/06.0	26116
1991 RJ ₂₈	2004 07 05.9	19 01.75	-12 29.8	20.0	-0.87	- 3.3	3.5/07.2	47683	2000 NM ₂₂	2004 07 06.2	19 02.85	-23 35.0	16.7	-1.07	+ 6.0	0.4/06.3	47902

2001 SO ₂₃₈	2004 07 06.2	19 02.85	-23 09.6	19.6	-1.05	- 2.9	0.2/06.2	46670
2000 GG ₂₆	2004 07 06.2	19 02.87	-28 56.8	18.0	-1.11	- 2.3	3.2/05.6	43360
2000 QY ₂₆	2004 07 06.2	19 02.88	-24 08.0	18.5	-1.03	- 0.2	0.6/06.2	47912
2001 SF ₂₄	2004 07 06.2	19 02.94	-35 22.8	18.7	-1.24	- 0.5	6.0/05.2	23713
2001 XW ₂₁	2004 07 06.2	19 02.97	-29 19.5	19.9	-0.98	- 0.3	2.1/05.7	30563
2001 SP ₂₄₈	2004 07 06.2	19 02.99	-08 56.0	18.8	-0.94	- 1.6	5.6/07.6	23769
2003 AJ ₁₇	2004 07 06.2	19 03.00	-12 39.0	20.0	-1.10	- 9.7	3.6/08.0	43485
2000 RL ₁₃	2004 07 06.2	19 03.01	-28 26.9	19.7	-1.09	+ 3.0	2.3/06.1	30378
2003 FT ₁₁₇	2004 07 06.2	19 03.02	-19 01.7	20.0	-0.95	- 3.5	1.3/06.7	50758
2001 TC ₂₁	2004 07 06.2	19 03.03	-40 59.8	19.7	-1.17	- 0.3	6.2/04.8	46704
2000 XX	2004 07 06.3	19 02.97	+02 46.9	20.6	-0.77	- 0.8	7.3/08.5	33326
2000 HW ₈₅	2004 07 06.3	19 02.98	-23 14.9	19.5	-1.02	- 4.5	0.3/06.2	47890
2001 QU ₁₁₆	2004 07 06.3	19 03.03	-23 07.0	18.4	-1.16	+ 1.4	0.2/06.3	25918
2002 CN ₂₂₅	2004 07 06.3	19 03.05	-04 30.1	19.9	-0.90	- 2.6	5.7/08.2	30686
2001 XZ ₅₄	2004 07 06.3	19 03.11	-24 33.8	18.6	-0.99	- 2.9	0.8/06.1	46982
2001 XQ ₁₅₀	2004 07 06.3	19 03.15	-18 57.5	19.5	-1.03	0.0	1.7/06.6	48168
1999 CX ₁₁₁	2004 07 06.3	19 03.23	-02 59.1	18.4	-0.89	- 2.7	8.0/08.8	50404
2001 WM ₃₈	2004 07 06.3	19 03.28	-19 48.9	20.0	-0.95	- 2.5	1.0/06.7	48157
2000 YC ₇₃	2004 07 06.3	19 03.35	-23 22.2	19.2	-0.88	- 2.3	0.2/06.3	29641
2000 EC ₃₃	2004 07 06.3	19 03.41	-36 58.3	17.8	-1.04	- 0.9	8.0/05.0	25771
2001 SQ ₂₁₇	2004 07 06.3	19 03.47	-58 51.8	22.7	-1.57	- 1.1	9.2/02.2	48104
2001 VU ₁₀₀	2004 07 06.3	19 03.47	-43 22.0	19.8	-1.23	+ 0.3	6.6/04.8	46910
2001 UY ₁₁	2004 07 06.4	19 03.37	-05 35.4	18.6	-0.90	+ 5.7	9.9/06.1	30505
2001 XC ₁₇₈	2004 07 06.4	19 03.41	-21 30.3	20.8	-0.81	- 1.7	0.3/06.5	47039
2001 TS ₆₅	2004 07 06.4	19 03.47	-20 59.9	19.6	-1.03	- 1.6	0.6/06.6	46724
1999 TF ₅₉	2004 07 06.4	19 03.49	-24 22.9	19.5	-0.87	- 1.3	0.6/06.3	49702
2001 TA ₈₁	2004 07 06.4	19 03.57	-21 43.0	19.8	-1.07	+ 0.6	0.4/06.5	27262
2003 BW ₃₀	2004 07 06.4	19 03.57	-27 32.9	17.9	-1.09	+ 3.7	2.3/06.3	50739
2002 AA ₆₇	2004 07 06.4	19 03.61	-07 28.9	19.2	-0.80	- 7.0	4.9/09.0	50586
2000 KO ₂₆	2004 07 06.4	19 03.66	-20 29.5	17.8	-0.96	+ 1.3	1.1/06.6	47897
2000 GR ₇₂	2004 07 06.4	19 03.69	-21 56.0	19.7	-1.06	- 2.2	0.3/06.5	47879
2000 QY ₁₂₅	2004 07 06.4	19 03.70	-03 44.2	20.1	-0.84	- 2.1	6.2/08.4	47922
2000 SX ₂₆₁	2004 07 06.4	19 03.74	-07 33.1	19.0	-0.82	- 1.7	5.3/08.0	47963
1997 SR ₁₅	2004 07 06.4	19 03.81	-17 08.5	19.2	-0.99	- 0.5	2.2/06.9	47715
2001 SE ₉₃	2004 07 06.4	19 03.85	-13 11.8	20.9	-1.04	- 1.8	4.0/07.3	46635
2000 QY ₉₃	2004 07 06.5	19 03.78	-05 06.4	19.4	-0.84	- 2.4	5.6/08.4	47919
2001 QU ₂₃₈	2004 07 06.5	19 03.80	-44 17.0	19.6	-1.34	+ 0.2	7.9/04.8	48064
2001 UP ₁₀₉	2004 07 06.5	19 03.83	-25 27.2	18.3	-0.99	- 5.0	1.5/06.1	30519
2003 FS ₇₃	2004 07 06.5	19 03.83	-02 17.9	20.9	-0.77	- 2.8	5.9/09.1	47443
2003 CF ₁₀	2004 07 06.5	19 03.87	-34 12.8	19.6	-1.17	+ 4.3	4.8/06.3	50176
2001 TF ₆₀	2004 07 06.5	19 03.88	-32 16.7	19.1	-1.18	- 3.4	4.2/05.4	30477
2222 P-L	2004 07 06.5	19 03.88	-22 01.6	20.4	-0.97	- 0.7	0.2/06.6	48386
2001 UJ ₄₃	2004 07 06.5	19 03.89	-11 40.6	18.6	-0.94	- 0.7	5.0/07.5	48136
2001 QE ₂₉₅	2004 07 06.5	19 03.97	-23 38.6	20.1	-1.09	- 1.2	0.4/06.5	46575
2001 YX ₁₁₅	2004 07 06.5	19 03.97	-28 01.6	20.0	-0.99	- 4.4	1.8/05.8	47104
1998 RY ₆₆	2004 07 06.5	19 04.02	-22 15.2	18.1	-1.16	+ 0.7	0.2/06.6	47741
2001 TV ₉₈	2004 07 06.5	19 04.04	-10 48.6	19.4	-0.95	- 0.4	5.8/07.5	23816
2001 QM ₆₉	2004 07 06.5	19 04.06	-20 38.5	19.7	-1.10	+ 0.3	0.8/06.7	48051
2001 SH ₃₄	2004 07 06.5	19 04.11	-16 22.5	20.7	-1.01	- 2.2	2.5/07.2	46614
2003 BM ₄₂	2004 07 06.5	19 04.11	-15 38.0	19.5	-0.99	- 4.2	2.9/07.4	43273
2001 SM ₈₆	2004 07 06.5	19 04.15	-22 40.7	19.0	-1.07	- 0.1	0.0/06.6	62360

2000 UJ ₈₇	2004 07 06.5	19 04.21	-19 40.2	20.2	-0.81	- 2.0	0.8/06.9	47981
2002 AM ₁₂₇	2004 07 06.5	19 04.22	-22 46.6	19.9	-0.88	- 1.2	0.1/06.6	48191
2001 TX ₂₂₆	2004 07 06.5	19 04.24	-46 51.5	20.5	-1.27	- 2.7	7.4/03.7	46773
2001 XW ₁₆₈	2004 07 06.5	19 04.25	-23 35.2	19.2	-0.99	- 2.7	0.3/06.5	30581
2002 XX ₆₉	2004 07 06.5	19 04.27	-26 49.4	18.6	-1.09	- 6.2	1.7/06.0	43481
2001 SH ₆₆	2004 07 06.6	19 04.22	-10 12.2	19.0	-0.95	- 2.4	5.3/07.9	48090
2001 SL ₅₃	2004 07 06.6	19 04.28	-24 35.6	19.5	-1.03	- 2.5	0.7/06.4	48089
2003 AN ₄₉	2004 07 06.6	19 04.33	-26 51.6	19.8	-1.04	- 1.2	1.6/06.3	50733
2002 CE ₂₂	2004 07 06.6	19 04.34	-20 22.8	19.5	-0.82	- 2.3	0.7/06.9	48198
1995 FX ₅	2004 07 06.6	19 04.37	-14 09.4	19.1	-0.91	- 3.4	3.7/07.6	43326
2003 BQ ₂	2004 07 06.6	19 04.41	-30 21.4	16.6	-1.04	+ 8.0	4.1/06.8	50737
1993 TY ₂₆	2004 07 06.6	19 04.44	-26 28.8	17.9	-0.90	- 4.6	2.0/06.1	47689
2000 OA ₂	2004 07 06.6	19 04.45	-22 53.1	19.9	-1.05	- 0.4	0.1/06.6	27667
2000 SH ₃₆	2004 07 06.6	19 04.47	-25 05.8	19.2	-0.97	- 3.2	1.0/06.4	30387
2000 SH ₃₁₀	2004 07 06.6	19 04.50	-13 31.7	17.0	-1.02	+ 5.4	3.7/06.7	47967
2001 UB ₃₉	2004 07 06.6	19 04.53	-19 15.5	20.9	-1.00	- 1.4	1.2/07.0	46793
2001 RZ ₁₈	2004 07 06.6	19 04.54	-26 29.0	18.7	-1.16	0.0	1.6/06.4	50549
2001 QR ₉₇	2004 07 06.6	19 04.54	-26 34.3	17.8	-1.15	+ 1.1	2.0/06.4	50544
2000 WA ₃₅	2004 07 06.6	19 04.57	-34 56.2	21.0	-0.97	- 6.7	3.5/04.6	9870
1994 PS ₁₃	2004 07 06.6	19 04.63	-29 44.6	19.0	-0.93	+ 0.3	2.3/06.1	47692
2001 XE ₅₈	2004 07 06.6	19 04.65	-24 48.4	19.0	-1.06	- 3.3	0.9/06.4	48163
1999 FY ₁₆	2004 07 06.7	19 04.61	-30 05.9	18.6	-1.06	- 1.2	3.3/06.0	47773
1999 RY ₁₈₀	2004 07 06.7	19 04.64	-49 29.4	17.0	-1.17	+ 0.6	10.6/04.1	47795
2000 QJ ₂₄₉	2004 07 06.7	19 04.65	-29 19.4	19.6	-0.99	- 0.3	2.4/06.2	47931
1999 JU ₉₄	2004 07 06.7	19 04.66	-19 36.4	18.2	-0.93	- 8.8	1.2/07.2	47781
2001 SW ₁₂₀	2004 07 06.7	19 04.69	-26 36.6	18.8	-1.10	+ 0.2	1.6/06.4	48095
2000 SJ ₁₅₃	2004 07 06.7	19 04.76	-36 16.0	19.8	-1.04	- 2.4	4.8/05.1	47954
2000 GA ₅₃	2004 07 06.7	19 04.82	-10 51.7	18.4	-0.83	+ 0.5	6.4/07.6	47878
2003 BH ₇₉	2004 07 06.7	19 04.84	-36 00.3	19.0	-1.12	+ 1.3	5.4/06.0	50742
2000 UV ₇₂	2004 07 06.7	19 04.86	-13 35.7	18.6	-0.91	+ 1.2	3.9/07.3	20831
2003 AL ₆₅	2004 07 06.7	19 04.92	-35 04.3	19.1	-1.12	- 2.6	4.4/05.5	50735
2002 AH ₈₀	2004 07 06.7	19 04.98	-28 09.2	19.7	-0.98	- 1.5	2.0/06.2	27806
2002 CB ₁₇₆	2004 07 06.7	19 05.06	-36 11.6	19.4	-1.04	+ 3.0	4.6/06.2	48208
2003 FD ₂₆	2004 07 06.7	19 05.06	-20 32.4	19.3	-0.85	- 1.8	0.7/07.0	62443
2000 FE ₄₆	2004 07 06.8	19 05.01	-24 59.9	17.4	-0.96	- 7.2	1.2/06.4	47874
1999 TG ₂₀₇	2004 07 06.8	19 05.04	+00 25.5	19.1	-1.25	+ 6.6	10.7/06.7	40023
1995 FE ₁₁	2004 07 06.8	19 05.07	-24 35.3	21.1	-1.04	- 1.6	0.7/06.6	34687
2001 VY ₄₁	2004 07 06.8	19 05.09	-19 30.4	18.8	-0.97	- 0.5	1.1/07.1	46882
2001 TF ₄	2004 07 06.8	19 05.11	-09 38.3	18.8	-0.96	- 1.0	6.5/07.9	26002
2000 JH ₁₅	2004 07 06.8	19 05.13	-14 12.9	18.3	-0.95	+ 0.2	4.2/07.4	43366
2001 VR ₄₄	2004 07 06.8	19 05.17	-21 11.6	18.6	-1.01	- 1.8	0.5/07.0	48150
2001 XJ ₂₂₇	2004 07 06.8	19 05.21	-25 32.5	20.0	-0.96	- 1.6	1.1/06.6	50581
2001 TD ₁₂₄	2004 07 06.8	19 05.23	-18 36.5	19.4	-1.11	+ 1.4	1.6/07.1	30487
1999 TG ₂₆₅	2004 07 06.8	19 05.34	-11 57.9	18.2	-0.83	+ 2.6	3.4/07.4	47813
2001 TA ₆₈	2004 07 06.8	19 05.37	-18 54.5	18.8	-1.03	- 2.1	1.5/07.2	30479
2000 TC ₅	2004 07 06.8	19 05.37	-21 10.8	19.8	-0.87	- 1.2	0.5/07.0	62310
2002 AX ₁₁	2004 07 06.8	19 05.40	-25 38.8	20.7	-0.85	- 1.7	0.8/06.6	30604
2001 XH ₂₀₉	2004 07 06.8	19 05.45	-16 17.1	18.8	-1.04	- 0.9	2.7/07.4	48172
2001 SE ₃₀₈	2004 07 06.8	19 05.45	-33 57.8	20.1	-1.15	- 1.8	4.5/05.8	48111
2000 RV ₄₄	2004 07 06.8	19 05.46	-31 43.4	19.2	-1.07	+ 0.4	3.7/06.2	47934
2001 VF ₇₉	2004 07 06.9	19 05.45	-27 18.0	19.3	-1.02	- 2.2	1.9/06.4	48152

2002 BG ₈	2004 07 06.9	19 05.48	-30 08.6	21.1	-0.94	-	0.5	2.1/06.2	30630
2000 HD ₂₅	2004 07 06.9	19 05.51	-17 35.2	19.5	-1.07	-	0.7	1.9/07.3	50473
2001 XF ₂₁₄	2004 07 06.9	19 05.54	-16 54.9	20.1	-0.95	-	2.4	1.9/07.5	26088
2001 XK ₁₃₆	2004 07 06.9	19 05.55	-34 19.8	19.9	-1.05	-	7.5	4.8/04.9	48168
2001 TK ₂₈	2004 07 06.9	19 05.55	-22 44.0	19.7	-1.00	-	0.1	0.1/06.9	50561
2001 RB ₆₉	2004 07 06.9	19 05.58	-31 36.0	18.5	-1.10	+	1.9	5.0/06.4	43000
2001 TN ₁₈₉	2004 07 06.9	19 05.63	-28 02.7	18.8	-1.07	+	0.7	2.7/06.6	48129
2000 LK ₃₂	2004 07 06.9	19 05.65	-09 28.6	18.3	-0.95	+	4.9	6.2/07.1	25030
2002 VB ₁₀₉	2004 07 06.9	19 05.67	-06 18.4	19.5	-1.11	+	3.9	6.4/07.6	41869
2002 BV ₂₉	2004 07 06.9	19 05.68	-40 20.8	18.5	-1.26	-	0.1	7.4/05.3	31965
2001 XZ ₁₇	2004 07 06.9	19 05.74	-32 30.5	19.3	-1.07	-	1.8	3.9/05.9	46963
2002 CO ₂₈₉	2004 07 06.9	19 05.75	-36 20.5	18.4	-0.96	-	4.3	5.0/05.0	50595
2002 AT ₁₀₈	2004 07 06.9	19 05.77	-27 21.4	21.0	-1.03	+	0.1	1.5/06.6	30616
2001 TT ₂₈	2004 07 06.9	19 05.77	-29 58.7	18.9	-1.10	-	0.1	3.1/06.4	48116
2000 VF ₅₄	2004 07 06.9	19 05.78	-37 43.5	20.1	-1.02	-	2.0	4.7/05.2	33303
2001 XG ₂₄₃	2004 07 06.9	19 05.80	-22 13.8	19.9	-0.92	-	2.5	0.1/07.0	47067
2001 TE ₈₉	2004 07 06.9	19 05.80	-33 26.3	22.0	-1.11	-	1.4	3.6/05.9	23813
2002 AC ₉₈	2004 07 06.9	19 05.84	-25 06.0	21.3	-1.05	-	1.0	0.9/06.8	27807
2000 TJ ₅₅	2004 07 06.9	19 05.89	-23 54.5	21.3	-0.84	-	1.4	0.4/06.9	30410
1998 SU ₁₂₃	2004 07 06.9	19 05.91	-30 01.1	19.1	-1.21	-	2.4	3.6/06.2	47749
1995 EB ₂	2004 07 07.0	19 05.82	-19 24.3	20.3	-1.01	-	1.7	1.2/07.3	47695
2001 SG ₃₄₉	2004 07 07.0	19 05.82	+03 28.4	20.6	-0.88	-	1.6	8.9/09.9	48113
2000 FJ ₅₅	2004 07 07.0	19 05.83	-11 59.5	18.0	-0.96	+	0.1	5.4/07.9	47874
2001 RL ₁₂₁	2004 07 07.0	19 05.83	-17 45.4	18.8	-1.03	-	3.6	2.4/07.6	23705
2000 SC ₁₈₃	2004 07 07.0	19 05.84	-31 23.9	19.9	-0.99	-	1.2	3.5/06.2	46485
2001 SZ ₃₃	2004 07 07.0	19 05.84	-19 53.5	20.1	-1.03	-	2.0	1.1/07.3	48086
2000 QP ₂₂	2004 07 07.0	19 05.89	-27 58.6	17.8	-1.02	-	1.5	2.2/06.5	47912
2000 QX ₁₃	2004 07 07.0	19 05.90	-27 18.7	19.0	-1.04	-	0.1	1.9/06.6	25811
2000 XP ₂₉	2004 07 07.0	19 05.92	-40 45.5	17.8	-1.10	-	3.5	6.2/04.4	11010
2001 XN ₁₅₄	2004 07 07.0	19 05.94	-23 46.2	19.7	-0.90	-	2.4	0.4/06.9	47031
2001 QN ₁₃	2004 07 07.0	19 05.94	-15 13.6	18.9	-1.05	-	4.0	3.0/07.9	48047
2001 VY ₁₂₀	2004 07 07.0	19 05.99	-35 31.4	20.9	-1.09	-	4.9	4.2/05.2	46919
2000 XJ ₅₁	2004 07 07.0	19 06.01	-38 09.5	18.6	-0.98	-	0.4	4.7/05.6	35537
2001 UE ₁₇₁	2004 07 07.0	19 06.03	-06 35.8	19.6	-0.92	+	1.2	5.7/08.1	30528
2001 XF ₂₆₆	2004 07 07.0	19 06.06	-34 02.2	20.5	-1.07	-	4.3	3.7/05.5	35569
2000 QY ₇₂	2004 07 07.0	19 06.07	-34 16.3	18.2	-1.07	+	0.9	4.1/06.2	47916
2003 EN ₃	2004 07 07.0	19 06.09	-28 03.4	19.7	-1.02	-	2.3	2.0/06.5	50748
2000 UR ₂₄	2004 07 07.0	19 06.12	-40 29.5	19.3	-0.98	-	2.7	5.3/04.9	50498
2000 GK ₁₀₄	2004 07 07.0	19 06.14	-34 30.3	16.6	-0.94	-	5.1	6.5/05.2	23529
2003 EJ ₅₃	2004 07 07.0	19 06.16	-10 33.3	19.5	-0.90	-	6.1	4.3/08.9	50752
2000 JM ₁₆	2004 07 07.0	19 06.17	-10 16.8	18.2	-0.98	-	2.3	5.7/08.3	47892
2001 XL ₇₃	2004 07 07.0	19 06.18	-19 31.2	19.8	-0.93	-	2.2	1.1/07.4	62383
2001 RX ₇₀	2004 07 07.0	19 06.19	-17 20.8	19.9	-1.04	-	0.3	2.0/07.5	46590
2001 VP ₁₁₈	2004 07 07.0	19 06.22	-31 20.6	20.2	-1.00	-	2.6	2.8/06.1	46918
2001 VW ₃₇	2004 07 07.0	19 06.25	-25 14.6	19.4	-1.01	-	1.3	1.1/06.8	48149
2000 QV ₁₁₁	2004 07 07.0	19 06.26	-15 18.8	19.6	-0.90	-	2.7	2.6/07.9	30369
2002 XH ₄₅	2004 07 07.0	19 06.26	-05 45.9	18.4	-1.34	+	13.9	9.3/05.8	41330
2001 YW ₂₇	2004 07 07.0	19 06.28	-28 48.5	18.2	-0.95	-	5.1	3.0/06.2	43465
1996 VE ₂₃	2004 07 07.1	19 06.24	-32 24.6	19.7	-1.02	+	0.1	3.3/06.3	47706
2000 SV ₂₀₈	2004 07 07.1	19 06.28	-09 40.3	19.8	-0.91	-	3.1	4.6/08.5	7587
2001 XU ₇₃	2004 07 07.1	19 06.33	-15 53.4	20.0	-0.88	-	1.2	2.2/07.8	46991

2000 GD ₉	2004 07 07.1	19 06.34	-31 18.1	20.5	-1.21	-	1.0	3.6/06.4	47876
2000 VL ₅₃	2004 07 07.1	19 06.39	-15 48.2	19.4	-0.86	+	0.8	2.3/07.6	29522
1994 AR ₁₀	2004 07 07.1	19 06.39	-27 48.8	19.4	-1.06	-	1.3	1.9/06.6	47690
2000 EH ₁₂₉	2004 07 07.1	19 06.46	-19 30.0	17.7	-0.97	-	3.6	1.6/07.5	20759
1999 TR ₁₀₆	2004 07 07.1	19 06.47	-12 41.6	19.5	-0.81	-	0.3	3.1/08.0	47805
2002 AZ ₁₈₀	2004 07 07.1	19 06.48	-38 42.1	22.0	-0.95	-	3.3	4.3/05.1	49965
2001 SN ₇₀	2004 07 07.1	19 06.62	-28 27.5	19.4	-1.12	-	5.9	2.5/06.3	25969
2001 ST ₂₆₅	2004 07 07.1	19 06.63	-23 44.4	21.0	-1.06	-	1.4	0.4/07.1	25994
2001 UD ₁₆₇	2004 07 07.1	19 06.66	-35 09.3	18.9	-1.11	+	0.2	4.3/06.2	46845
2001 TD ₁₈₉	2004 07 07.1	19 06.69	-17 26.0	20.2	-0.97	-	0.3	1.8/07.6	30493
2002 CN ₁₈	2004 07 07.1	19 06.71	-27 09.5	19.5	-0.88	-	4.1	1.4/06.6	48198
2002 DV ₈	2004 07 07.1	19 06.73	-56 46.3	20.9	-1.31	+	0.3	8.5/04.0	35166
1996 US ₃	2004 07 07.2	19 06.64	-28 40.5	20.8	-1.01	-	1.9	2.1/06.6	47706
1999 XW ₁₃₅	2004 07 07.2	19 06.75	-11 42.8	18.5	-1.34	+	9.2	5.3/06.9	40030
2001 QV ₂₃₂	2004 07 07.2	19 06.77	-27 09.5	19.7	-1.10	-	0.7	1.7/06.8	48063
2001 XG ₁₃₅	2004 07 07.2	19 06.84	-19 11.2	20.0	-1.06	-	1.4	1.5/07.5	48168
2000 SS ₂₉₃	2004 07 07.2	19 06.88	-31 18.9	20.1	-0.92	+	0.2	2.5/06.5	29409
2000 WX ₁₅₃	2004 07 07.2	19 06.89	-22 05.4	18.2	-1.05	+	3.6	0.2/07.3	9883
2001 YT ₁₂₂	2004 07 07.2	19 06.89	-35 14.2	19.8	-1.03	-	2.1	4.3/05.9	47108
1981 EL ₁₁	2004 07 07.2	19 06.90	-18 52.0	19.9	-1.13	+	0.3	1.7/07.5	41515
2000 GA ₅₂	2004 07 07.2	19 06.96	-26 57.8	20.0	-1.12	-	2.3	1.9/06.8	50470
2001 YF ₁₀₄	2004 07 07.2	19 06.96	-21 51.9	19.7	-0.92	-	3.2	0.2/07.3	50583
2000 WA ₁₇₉	2004 07 07.2	19 06.97	-28 38.5	19.3	-0.85	-	3.2	1.6/06.5	50509
2001 RF ₄₅	2004 07 07.2	19 07.06	-13 05.4	18.6	-0.97	-	3.2	3.6/08.3	48072
2001 UR ₁₉₆	2004 07 07.2	19 07.13	-10 47.2	20.0	-0.93	-	1.5	4.4/08.4	48145
2003 BK ₆₃	2004 07 07.3	19 07.12	-38 54.1	19.4	-1.13	+	0.9	5.4/06.2	48321
2001 SG ₃₉	2004 07 07.3	19 07.14	-15 22.4	21.4	-0.91	-	2.2	2.2/08.1	48087
2003 ED ₃₉	2004 07 07.3	19 07.17	-12 58.9	19.0	-0.94	-	5.5	3.4/08.7	50751
1999 BZ ₈	2004 07 07.3	19 07.17	-16 59.8	18.8	-0.97	-	4.7	2.0/08.1	47764
2000 ED ₁₄₀	2004 07 07.3	19 07.18	-48 37.1	19.3	-1.72	-	13.2	12.0/01.3	41618
2000 ST ₁₄₁	2004 07 07.3	19 07.18	-07 37.5	19.6	-0.89	-	0.1	5.3/08.4	47953
1999 CH ₁₁₀	2004 07 07.3	19 07.20	-02 25.8	18.4	-0.90	-	0.3	8.4/09.2	47769
2001 XD ₁₃	2004 07 07.3	19 07.24	-39 02.4	17.5	-1.26	+	3.0	8.2/06.3	48159
5156 T-3	2004 07 07.3	19 07.28	-30 14.5	19.7	-0.87	-	3.9	2.3/06.3	30774
2002 CV ₇₄	2004 07 07.3	19 07.30	-05 32.3	20.8	-0.82	-	5.0	5.2/09.8	30651
2001 YR ₁₅₅	2004 07 07.3	19 07.31	-33 33.3	19.3	-1.02	+	0.2	3.3/06.5	33956
2001 VV ₇₉	2004 07 07.3	19 07.33	+01 55.3	19.2	-0.87	+	0.1	8.2/09.5	46900
2000 GD ₄₅	2004 07 07.3	19 07.44	-16 08.2	20.0	-1.05	-	2.2	2.6/08.0	50470
1999 SJ ₃	2004 07 07.3	19 07.54	-28 46.9	18.2	-1.12	+	6.3	2.3/07.4	41581
2001 UE ₁₅₀	2004 07 07.3	19 07.54	-18 50.2	18.7	-0.96	-	1.0	1.4/07.7	46836
2002 AD ₈₇	2004 07 07.4	19 07.46	-16 25.8	19.9	-0.96	-	2.6	2.1/08.1	30613
2001 RJ ₆₇	2004 07 07.4	19 07.56	-30 24.1	18.6	-1.12	+	0.4	3.3/06.9	48074
2001 SA ₁₅₁	2004 07 07.4	19 07.57	-19 34.2	19.6	-1.00	-	1.0	1.1/07.7	48099
2003 FA ₅	2004 07 07.4	19 07.63	+01 46.5	18.4	-0.76	-	1.2	8.3/10.4	47394
2000 SR ₂₅₈	2004 07 07.4	19 07.64	-21 20.0	18.8	-0.81	-	2.0	0.3/07.6	50494
2000 UQ ₈₃	2004 07 07.4	19 07.65	-28 40.7	19.1	-0.85	-	1.9	1.8/06.8	47981
2000 WV ₆₈	2004 07 07.4	19 07.68	-23 14.4	19.5	-0.95	+	1.3	0.2/07.4	47989
2001 TJ ₄₀	2004 07 07.4	19 07.68	-05 49.3	19.1	-1.00	+	5.1	6.2/07.7	48116
2001 QD ₁₃₆	2004 07 07.4	19 07.73	-16 23.4	18.1	-1.03	+	1.8	3.2/07.8	23657
2001 XA ₁₇₂	2004 07 07.4	19 07.79	-18 35.6	19.1	-1.03	-	2.0	1.6/07.8	26083
3135 T-2	2004 07 07.4	19 07.81	-18 35.6	18.6	-0.89	-	2.9	1.7/07.9	26184

2002 CW ₇₈	2004 07 07.4	19 07.82	-24 21.6	21.6	-0.83	-	1.4	0.5/07.3	50591	2001 XQ ₂₅₆	2004 07 07.7	19 09.03	-05 26.3	20.0	-0.84	-	1.7	5.6/09.7	47071
2001 XN ₁₅₃	2004 07 07.4	19 07.86	-18 54.9	19.7	-0.94	+	0.2	1.3/07.8	48169	2002 CY ₇₆	2004 07 07.7	19 09.03	-29 36.0	19.1	-0.87	-	0.7	2.2/07.1	30652
2001 YH ₉₈	2004 07 07.4	19 07.86	-19 23.8	19.8	-0.91	-	1.9	1.1/07.8	47098	2001 VL ₉₀	2004 07 07.7	19 09.05	-11 57.0	19.3	-0.90	-	3.5	3.5/09.1	50574
2000 VN ₂₀	2004 07 07.4	19 07.86	-35 18.5	19.4	-0.94	-	3.1	4.1/05.9	47984	1996 HT ₂₀	2004 07 07.7	19 09.19	-21 31.8	19.1	-1.03	-	2.1	0.4/07.9	50375
2001 RD ₁₁₅	2004 07 07.4	19 07.87	-20 03.8	20.4	-1.02	-	2.5	0.9/07.7	50551	2001 VJ ₁₂₀	2004 07 07.8	19 09.10	-18 49.7	20.0	-0.92	-	0.3	1.2/08.1	30551
2002 AV ₁₄₉	2004 07 07.4	19 07.90	-23 00.9	18.5	-0.85	-	4.5	0.2/07.4	47151	2001 WP ₃₈	2004 07 07.8	19 09.18	-28 59.7	18.6	-1.11	-	7.2	2.7/06.8	30556
2000 SR ₁₂₃	2004 07 07.4	19 07.90	-09 26.4	19.8	-0.75	-	1.9	3.6/08.9	47951	2001 VA ₁₂₁	2004 07 07.8	19 09.32	-29 08.5	20.3	-1.01	-	2.5	2.1/07.1	27781
2001 VR ₁₁₄	2004 07 07.4	19 07.90	-28 25.3	18.4	-1.02	-	1.7	2.6/06.9	62381	2001 XT ₂₃₆	2004 07 07.8	19 09.33	-28 51.4	19.5	-0.98	-	3.6	2.3/07.0	47066
2003 BE ₆₀	2004 07 07.4	19 07.92	-19 55.2	19.5	-0.93	-	4.4	0.9/07.8	48321	2001 UY ₁₀	2004 07 07.8	19 09.37	-22 29.5	18.3	-1.03	-	4.5	0.0/07.9	26021
2002 CC ₃₁	2004 07 07.4	19 07.93	-29 03.6	21.0	-0.84	-	2.0	1.8/06.8	48199	2000 VB ₄₈	2004 07 07.8	19 09.43	-37 42.5	19.5	-0.98	-	3.1	5.2/05.9	50503
2001 RQ ₁₄₂	2004 07 07.5	19 07.87	-29 51.5	18.3	-1.08	-	6.0	3.7/06.4	46603	2000 SF ₁₀₁	2004 07 07.8	19 09.46	-08 30.3	19.0	-0.87	+	0.7	4.6/09.0	47949
2428 T-3	2004 07 07.5	19 07.89	-28 10.9	19.4	-0.92	-	1.3	2.0/06.9	27869	2003 GT ₃₅	2004 07 07.8	19 09.46	-28 33.6	20.0	-0.90	-	4.4	2.0/07.0	50186
2000 OV ₃₁	2004 07 07.5	19 07.92	-25 11.1	17.5	-1.10	+	5.5	1.2/07.5	47905	2001 YO ₁₀₂	2004 07 07.8	19 09.57	-26 30.5	18.1	-0.98	-	6.8	1.6/07.2	30599
1998 SU ₄₆	2004 07 07.5	19 07.95	-27 02.7	20.1	-1.11	-	1.8	1.6/07.1	47745	2001 XW ₉	2004 07 07.8	19 09.60	-28 02.0	18.7	-1.07	+	0.8	2.8/07.5	48159
2003 EP ₁₃	2004 07 07.5	19 08.01	-08 00.6	19.5	-0.78	-	1.2	4.4/09.1	50749	2002 BM ₂₈	2004 07 07.9	19 09.51	-39 45.9	19.1	-0.99	-	4.3	5.5/05.4	50589
2002 AU ₁₂₄	2004 07 07.5	19 08.01	-11 21.3	20.4	-0.75	-	3.5	2.9/09.0	30618	2000 UM ₈₇	2004 07 07.9	19 09.53	-30 02.2	20.1	-0.89	-	3.8	2.3/06.9	47981
2001 YC ₅₂	2004 07 07.5	19 08.03	-24 02.6	18.5	-1.02	+	1.3	0.6/07.4	48177	2001 XT ₂₃₀	2004 07 07.9	19 09.53	-32 15.5	21.0	-0.89	-	2.6	2.7/06.8	47062
4566 P-L	2004 07 07.5	19 08.06	-17 36.3	20.0	-0.84	-	1.9	1.4/08.1	48387	2001 ST ₂₅₉	2004 07 07.9	19 09.55	-25 28.5	21.2	-1.09	-	1.5	1.1/07.6	46678
2000 XS ₂	2004 07 07.5	19 08.07	-25 14.3	18.6	-0.93	+	2.2	0.9/07.4	47995	2000 TE ₁₃	2004 07 07.9	19 09.56	-16 35.5	19.8	-0.82	-	1.2	1.8/08.5	50497
2000 QX ₂₈	2004 07 07.5	19 08.08	-07 58.2	19.6	-0.85	-	2.8	5.1/09.3	46428	2001 QX ₁₂₂	2004 07 07.9	19 09.58	-22 54.2	18.1	-1.04	-	3.8	0.2/07.9	22798
2001 WC ₃₀	2004 07 07.5	19 08.08	-22 42.0	22.2	-0.97	-	1.6	0.1/07.5	30555	2001 UW ₁₉	2004 07 07.9	19 09.59	-16 43.7	20.5	-0.97	-	4.0	2.2/08.6	50567
2002 VC ₁₀₂	2004 07 07.5	19 08.12	-25 22.6	18.9	-1.08	-	6.6	1.1/07.1	43478	2001 UK ₉₉	2004 07 07.9	19 09.60	-32 21.0	19.7	-1.07	-	3.2	3.9/06.7	43447
2000 QJ ₅₈	2004 07 07.5	19 08.17	-10 37.9	19.1	-0.90	-	6.0	4.9/09.3	47915	1997 SR ₃₀	2004 07 07.9	19 09.60	-26 42.8	18.9	-1.12	-	1.7	1.9/07.5	47715
2002 CX ₁₅₃	2004 07 07.5	19 08.19	-21 09.2	20.8	-0.82	-	1.4	0.4/07.7	31969	2003 CQ ₇	2004 07 07.9	19 09.61	-34 46.9	20.2	-1.19	-	1.4	4.6/06.7	50744
2002 BS ₃₀	2004 07 07.5	19 08.28	-40 21.5	20.5	-1.14	+	0.1	5.6/06.0	35150	2000 QW ₅₇	2004 07 07.9	19 09.63	-21 40.5	18.1	-0.95	-	3.1	0.3/08.0	47915
2001 SS ₁₀₆	2004 07 07.5	19 08.29	-30 41.3	18.5	-1.17	+	0.4	3.6/06.9	48094	2002 AA ₁₀₆	2004 07 07.9	19 09.63	-24 21.6	20.0	-0.88	-	2.2	0.6/07.7	47145
2000 OQ ₄₁	2004 07 07.5	19 08.32	+03 43.8	18.7	-0.81	-	4.0	11.5/11.6	47905	2000 WT ₇₂	2004 07 07.9	19 09.63	-35 30.0	19.3	-0.93	-	1.4	3.9/06.5	27748
2001 UU ₇₁	2004 07 07.6	19 08.28	-28 40.2	20.6	-1.10	-	0.7	2.3/07.1	48138	1998 DB ₂₃	2004 07 07.9	19 09.64	-36 26.4	18.3	-1.18	+	2.3	5.5/07.1	47723
1999 FA ₃₀	2004 07 07.6	19 08.44	-44 39.0	18.3	-1.22	-	1.9	7.7/05.2	50406	1997 SC ₂₃	2004 07 07.9	19 09.65	-22 35.8	19.7	-1.00	-	1.2	0.0/07.9	43329
2003 HS ₃₅	2004 07 07.6	19 08.44	-43 28.9	19.5	-0.98	-	3.7	6.3/04.7	50763	2001 TC ₁₆₄	2004 07 07.9	19 09.70	-29 46.0	20.4	-1.04	-	1.8	2.5/07.2	48127
2000 TC ₅₇	2004 07 07.6	19 08.50	-29 59.1	19.9	-0.99	-	4.6	2.6/06.6	47974	2001 UH ₁₇₄	2004 07 07.9	19 09.77	-31 09.5	17.6	-0.86	-	7.7	4.8/06.3	27778
1999 CQ ₁₂₅	2004 07 07.6	19 08.56	-41 56.3	19.2	-1.24	-	1.6	6.7/05.6	47770	1996 EW ₇	2004 07 07.9	19 09.82	-19 46.5	18.6	-0.92	-	2.5	1.4/08.3	47702
1996 TO ₂₈	2004 07 07.6	19 08.56	-31 06.6	18.8	-0.98	-	3.0	2.8/06.6	47705	2000 SU ₂₆₆	2004 07 07.9	19 09.84	-09 00.5	20.3	-0.93	-	0.2	4.9/09.0	10987
2000 XN ₄₂	2004 07 07.6	19 08.65	-47 58.2	19.1	-1.14	-	2.1	7.5/04.2	30438	1999 TR ₃₂₂	2004 07 07.9	19 09.84	-46 52.4	19.1	-1.79	+	5.1	11.4/07.3	50431
2001 UB ₈₂	2004 07 07.6	19 08.65	-20 39.5	21.2	-1.01	-	1.9	0.7/07.9	48139	2003 BD ₂₅	2004 07 07.9	19 09.85	-32 34.9	17.8	-1.12	+	6.0	3.8/07.9	48318
2001 UJ ₁₅₅	2004 07 07.6	19 08.69	-33 13.5	17.3	-1.03	-	6.4	4.6/06.0	48143	2003 ET ₅₈	2004 07 07.9	19 09.85	-48 00.3	19.9	-1.12	-	1.4	7.3/05.2	50753
2001 RJ ₇₀	2004 07 07.6	19 08.69	-31 40.0	18.5	-1.21	+	0.7	4.3/07.0	23696	2000 JA ₃₁	2004 07 07.9	19 09.89	-37 10.8	17.9	-1.15	-	2.7	6.9/06.2	43366
2000 TK ₃₅	2004 07 07.6	19 08.72	-30 04.6	20.3	-0.88	-	1.6	2.3/06.9	50497	2002 AS ₈₁	2004 07 07.9	19 09.91	-16 37.7	21.1	-0.85	-	3.0	1.6/08.7	30612
2001 QE ₁₆₈	2004 07 07.6	19 08.77	-22 22.2	18.5	-1.08	-	2.0	0.1/07.7	48058	2001 XE ₉₅	2004 07 07.9	19 09.91	-22 57.4	20.5	-0.91	-	1.3	0.2/07.9	48165
2001 RO ₇₁	2004 07 07.6	19 08.78	-25 19.0	18.0	-1.05	-	0.1	1.5/07.5	50550	1999 RM ₆₁	2004 07 07.9	19 09.92	-49 01.2	20.7	-1.23	+	2.2	8.5/06.1	47789
2001 UR ₁₅	2004 07 07.6	19 08.78	-17 12.5	20.7	-1.12	+	0.8	2.4/08.0	23848	2000 SA ₃₀₇	2004 07 07.9	19 09.94	-46 06.6	19.9	-1.04	-	0.8	6.1/05.5	47966
1424 T-2	2004 07 07.6	19 08.80	-22 05.6	20.3	-1.10	-	1.0	0.2/07.7	48389	1998 SM ₁₁₄	2004 07 07.9	19 09.94	-15 15.2	19.5	-1.08	-	3.4	3.0/08.8	47749
2000 HS ₉₆	2004 07 07.7	19 08.70	-03 50.0	19.3	-1.02	-	10.0	7.1/11.4	47891	2001 YU ₁₁₇	2004 07 07.9	19 09.99	-25 30.5	19.7	-1.01	-	5.2	1.1/07.6	26109
2003 FO ₈₅	2004 07 07.7	19 08.77	-30 07.9	19.5	-0.94	-	0.4	2.5/07.0	47457	2002 CX ₆₁	2004 07 08.0	19 09.94	-26 10.6	18.6	-0.89	-	6.1	1.3/07.4	48201
2003 AO ₅	2004 07 07.7	19 08.79	-17 03.0	20.2	-0.96	-	3.5	2.1/08.4	48308	2001 VF ₄₅	2004 07 08.0	19 10.01	-35 15.5	19.1	-1.07	-	4.9	4.4/06.1	30539
2001 ST ₃₀₃	2004 07 07.7	19 08.87	-23 32.7	19.6	-1.05	-	1.1	0.4/07.6	48110	2002 AK ₆₉	2004 07 08.0	19 10.03	-15 04.5	21.2	-0.86	-	3.0	2.2/08.9	47137
1996 XT ₂₅	2004 07 07.7	19 08.89	-34 23.3	18.2	-1.07	-	7.6	4.9/05.6	47707	2001 UF ₁₆₄	2004 07 08.0	19 10.05	-09 38.1	20.5	-0.95	-	1.7	4.6/09.3	23892
2001 TF ₁₅₂	2004 07 07.7	19 08.91	-33 06.6	19.8	-1.15	-	4.8	4.7/06.3	27776	1999 AP	2004 07 08.0	19 10.06	-29 41.6	20.3	-1.13	-	0.8	2.7/07.4	50401
2000 XR ₃	2004 07 07.7	19 08.91	-32 37.6	19.5	-0.92	+	0.4	3.1/06.9	47995	1995 SZ ₂₅	2004 07 08.0	19 10.07	-22 15.3	20.1	-0.90	-	1.2	0.1/08.1	62214
2001 UD ₁₁₈	2004 07 07.7	19 08.98	-22 12.0	21.2	-0.93	-	1.8	0.1/07.8	46823	2002 AG ₈₅	2004 07 08.0	19 10.07	-16 11.8	19.7	-0.86	+	0.8	2.0/08.5	48188
2001 YR ₁₀₁	2004 07 07.7	19 08.99	-20 31.4	20.0	-0.95	-	1.9	0.7/08.0	48181	2001 VY ₉₄	2004 07 08.0	19 10.12	-17 05.9	20.4	-0.92	-	4.6	1.7/08.8	26049

2001 XB ₂₅₇	2004 07 08.0	19 10.14 +02 33.3 21.1	-0.86 - 1.3	8.3/10.7	48174
2001 VK ₂₈	2004 07 08.0	19 10.20 -23 39.1 20.3	-1.07 - 1.8	0.5/07.9	48148
2000 UW ₁₀₀	2004 07 08.0	19 10.21 -23 54.2 18.8	-0.83 - 0.5	0.4/07.9	30417
2000 SP ₃₃₈	2004 07 08.0	19 10.21 -30 51.3 19.7	-0.95 - 2.7	2.9/07.1	47968
1999 HS ₈	2004 07 08.0	19 10.22 -21 08.2 19.6	-0.96 - 1.2	0.5/08.2	47777
2000 VJ ₂₉	2004 07 08.0	19 10.26 -13 55.5 20.2	-0.81 - 0.9	2.7/08.9	47985
2000 SL ₃₀₀	2004 07 08.0	19 10.27 -35 39.3 19.1	-0.93 - 0.6	3.6/06.8	27723
2001 VA ₁₃	2004 07 08.0	19 10.27 -23 16.9 18.0	-1.14 + 1.8	0.3/08.0	30531
2002 CK ₇₄	2004 07 08.0	19 10.33 -28 05.8 19.2	-0.86 - 1.6	1.8/07.5	31450
2001 SL ₃₅₀	2004 07 08.0	19 10.36 -21 03.2 20.6	-1.07 - 0.9	0.5/08.2	38326
2001 SQ ₅₀	2004 07 08.1	19 10.33 -30 35.5 19.1	-1.09 - 3.5	3.0/07.1	50553
2001 SK ₃₄	2004 07 08.1	19 10.33 -35 01.9 19.7	-1.11 - 2.1	6.9/06.6	25961
2002 CK ₃₀₆	2004 07 08.1	19 10.34 -15 15.9 19.7	-0.80 - 0.1	2.4/08.7	48213
2000 JA ₂₆	2004 07 08.1	19 10.34 -21 13.3 17.7	-1.06 + 2.4	0.6/08.2	43366
2000 WU ₁₉₁	2004 07 08.1	19 10.35 -15 55.7 20.7	-0.83 - 3.5	2.1/08.9	47995
2002 AG ₆₅	2004 07 08.1	19 10.37 -17 26.3 22.6	-0.78 - 2.2	1.3/08.7	47136
2000 YU	2004 07 08.1	19 10.43 -46 39.4 19.4	-1.16 - 0.5	7.5/05.3	29625
2002 CV ₄₅	2004 07 08.1	19 10.43 -01 13.1 19.8	-0.76 - 0.7	6.3/10.3	48200
2001 SP ₁₅₅	2004 07 08.1	19 10.45 -19 33.9 20.0	-0.96 - 1.3	1.0/08.4	48099
2003 CD	2004 07 08.1	19 10.47 -16 13.6 20.6	-1.02 - 5.2	2.4/09.0	48324
2001 OW ₇₂	2004 07 08.1	19 10.47 -36 13.6 16.5	-1.07 + 4.8	7.9/07.8	23628
2001 VL ₁	2004 07 08.1	19 10.48 -25 42.7 20.7	-1.10 - 1.6	1.3/07.8	48146
2001 QN ₂₉₆	2004 07 08.1	19 10.48 -34 33.9 18.7	-1.17 - 3.6	6.0/06.5	48068
2001 TD ₂₀	2004 07 08.1	19 10.52 -20 56.9 18.6	-1.06 + 1.4	0.6/08.2	50561
2000 JG ₃₇	2004 07 08.1	19 10.52 -27 52.0 17.4	-0.99 - 2.5	2.6/07.5	47893
2001 XG ₄₃	2004 07 08.1	19 10.57 -37 08.0 20.2	-1.05 - 1.4	5.0/06.6	50577
2001 QD ₁₅₄	2004 07 08.1	19 10.60 -11 25.5 21.2	-1.12 - 2.7	4.3/09.2	20906
2001 YX ₁₄₅	2004 07 08.1	19 10.60 -23 45.0 19.6	-1.00 + 2.0	0.4/08.1	48183
2002 XF ₅₉	2004 07 08.1	19 10.62 -25 56.1 18.4	-1.01 - 6.4	1.3/07.6	50722
2000 SA ₁₉₄	2004 07 08.1	19 10.62 -21 20.1 19.9	-0.92 - 1.9	0.4/08.3	47957
2001 TK ₅₆	2004 07 08.1	19 10.64 -14 59.6 20.9	-1.02 - 3.0	2.9/09.0	46720
1997 UP ₁₂	2004 07 08.1	19 10.65 -21 52.2 19.0	-1.03 - 1.4	0.3/08.2	47717
1991 JM	2004 07 08.1	19 10.66 -54 42.8 19.6	-2.01 -14.0	15.1/29.6	41517
1995 UB ₆₃	2004 07 08.1	19 10.66 -20 39.5 19.5	-1.02 - 3.1	1.0/08.4	18142
2001 XR ₂₆₁	2004 07 08.1	19 10.67 -20 25.4 19.4	-0.89 - 3.9	0.7/08.4	48174
2003 BD ₃₃	2004 07 08.1	19 10.68 -36 07.7 20.7	-1.23 - 1.4	5.0/06.8	48318
2002 CX ₃₃	2004 07 08.1	19 10.78 -27 19.9 20.0	-0.85 - 3.7	1.5/07.5	48199
2000 SD ₁₄₂	2004 07 08.1	19 10.79 -25 05.8 19.2	-0.92 + 0.8	0.9/08.0	27711
1999 RW ₄₅	2004 07 08.1	19 10.79 -23 55.4 18.3	-0.91 - 2.1	0.6/08.0	47788
2001 XN ₂₃₄	2004 07 08.1	19 10.83 -28 55.9 20.0	-0.97 - 1.7	2.3/07.5	47065
2001 QZ ₁₇₆	2004 07 08.1	19 10.83 -19 05.8 19.7	-1.03 - 2.2	1.3/08.6	48059
2000 QK ₂₃₇	2004 07 08.1	19 10.83 -18 55.6 19.9	-0.93 - 2.3	1.3/08.6	49807
2000 UJ ₆₂	2004 07 08.2	19 10.78 -40 10.0 21.2	-0.94 - 1.5	4.4/06.2	33289
2001 UF ₄₆	2004 07 08.2	19 10.80 -20 52.8 20.1	-1.03 - 1.7	0.6/08.4	46795
2000 SF ₂₀₅	2004 07 08.2	19 10.82 -29 36.9 20.3	-0.88 - 1.4	2.1/07.5	47958
1999 JN ₇₃	2004 07 08.2	19 10.85 -37 03.8 19.2	-1.08 - 4.8	5.2/06.2	50409
2001 TR ₁₄₉	2004 07 08.2	19 10.88 -30 40.5 19.6	-1.07 - 3.4	3.1/07.2	50564
1999 CD ₇₄	2004 07 08.2	19 10.91 -13 53.0 20.0	-0.93 - 3.4	3.5/09.3	62238
2001 GO ₃	2004 07 08.2	19 10.94 -61 20.7 19.2	-2.14 - 4.4	18.4/02.0	41681
2000 SS ₂₆₈	2004 07 08.2	19 10.95 -11 32.6 20.1	-0.81 - 1.8	3.4/09.4	47964
2001 RA ₁₁₂	2004 07 08.2	19 10.97 -20 27.4 20.7	-1.03 - 2.6	0.7/08.5	48079

2000 QD ₂₀₈	2004 07 08.2	19 10.99 -04 39.3 19.6	-0.76 - 2.4	4.9/10.4	47928
2000 JY ₄₂	2004 07 08.2	19 11.03 -28 01.0 18.7	-0.94 - 4.2	2.9/07.5	27664
2000 SZ ₅₃	2004 07 08.2	19 11.03 -16 37.1 19.0	-0.89 - 1.3	2.3/08.8	46469
1998 UJ	2004 07 08.2	19 11.05 -52 31.7 20.3	-1.65 + 2.7	10.2/06.6	47752
2000 GA ₁₄	2004 07 08.2	19 11.05 -27 49.1 18.5	-0.99 - 1.8	2.8/07.7	19585
2001 UG ₁₇₈	2004 07 08.2	19 11.12 -25 31.4 18.9	-1.12 - 5.3	1.3/07.8	25417
1994 UU ₆	2004 07 08.2	19 11.23 -29 01.0 19.9	-1.18 - 2.0	2.5/07.6	47694
2000 KC ₅₈	2004 07 08.2	19 11.23 -21 00.1 18.4	-1.05 - 5.6	0.6/08.5	40112
2001 VM ₃₃	2004 07 08.2	19 11.26 -43 36.0 19.9	-1.24 - 5.9	7.3/04.7	30535
2001 UN ₁₂₁	2004 07 08.3	19 11.23 -29 13.7 18.8	-1.03 - 4.5	3.1/07.4	27778
2000 LS ₂₇	2004 07 08.3	19 11.30 -17 29.6 17.3	-0.97 - 8.0	2.2/09.2	47900
1999 GU ₉	2004 07 08.3	19 11.34 +00 31.4 18.5	-0.89 - 2.4	8.1/11.0	47775
2000 OR ₅₃	2004 07 08.3	19 11.40 -11 16.3 17.6	-0.93 + 7.8	5.6/08.2	4973
2002 AR ₉₆	2004 07 08.3	19 11.40 -21 29.8 18.9	-0.95 - 9.8	0.4/08.5	48189
2001 SF ₁₃₅	2004 07 08.3	19 11.41 -23 52.6 18.2	-0.96 - 0.6	0.8/08.2	48097
2003 FN ₇₉	2004 07 08.3	19 11.42 -07 33.6 19.3	-0.79 - 0.9	4.9/10.0	50756
2001 VD ₆₀	2004 07 08.3	19 11.50 -30 54.9 18.7	-1.07 - 0.7	3.9/07.6	43454
2001 TO ₁₄₄	2004 07 08.3	19 11.55 -15 56.3 18.0	-0.94 - 6.5	3.2/09.4	41746
2000 WV ₇₇	2004 07 08.3	19 11.56 -18 03.5 18.4	-0.87 + 1.1	1.5/08.7	47990
2001 TS ₂₉	2004 07 08.3	19 11.57 -29 28.5 19.5	-1.14 - 0.7	3.4/07.7	25397
2001 UY ₁₇₄	2004 07 08.3	19 11.59 -15 38.2 20.2	-0.95 - 0.9	2.4/09.0	48144
2001 WS ₃₂	2004 07 08.3	19 11.60 -19 29.6 19.5	-0.95 - 2.7	1.1/08.7	46937
2001 TF ₁₁₂	2004 07 08.3	19 11.63 -15 54.3 17.3	-0.99 + 3.0	3.4/08.7	30485
2000 NZ ₁₂	2004 07 08.3	19 11.65 -17 10.4 18.3	-0.98 + 0.3	2.4/08.8	47901
2003 BB ₂₃	2004 07 08.4	19 11.58 -06 41.9 20.9	-0.98 - 2.3	6.0/10.2	48317
2001 SP ₁₄₈	2004 07 08.4	19 11.61 -16 53.3 19.0	-1.07 - 1.0	2.2/08.9	25977
2001 VN ₉₉	2004 07 08.4	19 11.62 -05 42.8 20.5	-0.88 - 2.7	5.1/10.4	46909
2000 UT ₁₀₈	2004 07 08.4	19 11.70 -18 44.2 20.2	-0.78 - 2.3	1.0/08.9	47983
2001 OQ ₅₇	2004 07 08.4	19 11.70 -29 23.1 18.4	-1.12 - 1.0	3.5/07.7	43399
2001 RW ₂	2004 07 08.4	19 11.74 -16 32.7 19.2	-1.03 - 1.1	2.8/09.0	23685
2000 EA ₁₂₃	2004 07 08.4	19 11.75 +05 08.9 19.2	-0.93 - 9.1	12.1/14.8	50466
2001 UT ₁₄₂	2004 07 08.4	19 11.75 -26 40.5 23.2	-0.94 - 1.9	1.2/08.0	30523
2003 AE ₆	2004 07 08.4	19 11.79 -30 01.8 18.3	-1.13 + 2.3	3.0/08.0	48308
2003 FB ₃₄	2004 07 08.4	19 12.00 -25 48.1 19.9	-0.98 - 1.6	1.2/08.1	47412
2000 NZ ₁₂₉	2004 07 08.4	19 12.00 -07 22.0 17.6	-0.92 + 4.9	6.9/08.9	22583
2001 SJ ₂₂₈	2004 07 08.4	19 12.01 -45 14.2 18.8	-1.29 - 0.9	9.3/06.5	41736
1997 LG	2004 07 08.4	19 12.01 -11 53.2 19.8	-0.96 - 4.9	5.2/09.9	47713
2002 AM ₁₀₈	2004 07 08.4	19 12.02 -31 25.8 18.7	-0.98 + 2.5	3.1/08.0	47145
2001 YR ₁₂₇	2004 07 08.4	19 12.03 -26 45.1 21.1	-1.03 - 1.4	1.4/08.0	26111
2002 DG ₁₇	2004 07 08.4	19 12.05 -35 06.9 17.8	-0.96 - 6.9	4.3/06.2	48215
2001 WF ₆₀	2004 07 08.5	19 11.97 -03 58.4 18.9	-0.93 + 2.4	7.5/09.7	48158
2003 DE	2004 07 08.5	19 11.98 -15 26.4 20.5	-0.89 - 4.4	2.4/09.5	48327
2002 AY ₅₅	2004 07 08.5	19 11.98 -22 18.2 20.2	-0.91 - 1.3	0.0/08.5	48187
2001 RZ ₄₉	2004 07 08.5	19 12.00 -11 46.4 19.1	-1.02 + 0.6	5.1/09.3	50550
2001 KH	2004 07 08.5	19 12.03 +08 26.2 19.4	-1.18 + 3.9	14.6/10.1	40137
2003 DD ₄	2004 07 08.5	19 12.05 -16 25.3 18.4	-0.86 - 4.1	2.5/09.3	47306
2000 AZ ₁₅₂	2004 07 08.5	19 12.06 -31 46.8 18.5	-1.45 + 7.3	4.0/08.6	40440
2001 UP ₁₄₆	2004 07 08.5	19 12.06 -19 00.0 20.5	-0.92 - 1.7	1.2/08.9	46835
2001 QZ ₁₅₉	2004 07 08.5	19 12.07 -33 07.9 20.0	-1.25 + 0.1	4.6/07.6	48058
2000 QN ₄	2004 07 08.5	19 12.08 -32 57.7 18.5	-1.06 - 0.1	5.1/07.5	25063
2000 TE ₆₇	2004 07 08.5	19 12.09 -24 06.1 18.9	-0.82 - 2.7	0.5/08.3	47974

2000 SE ₁₆₈	2004 07 08.5	19 12.15	-24 45.1	18.6	-0.97	+	1.9	1.0/08.4	47955	2000 QD ₁₃₉	2004 07 08.7	19 12.95	-47 19.6	18.6	-1.26	+	0.5	10.8/06.0	6305
2001 AB ₂₁	2004 07 08.5	19 12.17	-00 10.5	17.1	-0.88	+	5.4	8.5/08.8	62313	2001 WJ ₉₉	2004 07 08.7	19 12.95	-27 27.8	17.2	-0.98	-	8.5	2.0/07.8	50576
2001 SJ ₄₀	2004 07 08.5	19 12.19	-41 27.5	18.7	-1.17	-	3.9	9.4/05.8	48087	2001 YV ₈₀	2004 07 08.7	19 13.01	-24 47.0	18.7	-0.92	+	0.2	0.9/08.5	48179
2001 AG ₇	2004 07 08.5	19 12.19	-16 28.8	18.2	-0.85	-	5.8	1.9/09.5	29658	2001 QF ₁₂₀	2004 07 08.7	19 13.02	-30 30.2	19.6	-1.17	-	2.1	3.2/07.9	48055
2000 SM ₁₄₆	2004 07 08.5	19 12.20	-23 52.9	21.0	-0.93	-	1.2	0.5/08.4	47953	2000 VM ₁₈	2004 07 08.7	19 13.02	-33 13.0	20.6	-0.91	-	4.0	3.3/07.2	47984
2001 SN ₁₄₉	2004 07 08.5	19 12.22	-33 39.5	19.9	-1.20	+	0.3	5.0/07.6	48099	2003 FN ₅₇	2004 07 08.7	19 13.04	-12 58.1	18.6	-0.83	-	5.8	3.9/10.0	50755
2000 SC ₂₂₅	2004 07 08.5	19 12.23	-24 12.3	20.3	-0.91	-	1.3	0.6/08.4	47960	2001 VC ₁₂₀	2004 07 08.7	19 13.09	-35 54.1	19.6	-0.94	-	4.1	3.9/06.9	46918
2001 TR ₁₆₇	2004 07 08.5	19 12.23	-23 40.7	20.8	-0.98	-	0.4	0.4/08.4	48128	2002 TA ₂₅₃	2004 07 08.7	19 13.10	+12 39.9	21.2	-1.16	+	0.6	16.1/12.2	50692
1998 WS ₃₆	2004 07 08.5	19 12.24	-20 10.4	19.9	-1.07	+	0.4	0.9/08.7	43338	2000 QZ ₁₉₂	2004 07 08.7	19 13.19	-23 52.9	19.5	-0.94	-	3.2	0.5/08.6	47927
2001 OQ ₇₄	2004 07 08.5	19 12.30	-53 45.4	18.7	-1.87	+	4.5	13.0/06.5	62331	2000 SF ₄₈	2004 07 08.7	19 13.24	-03 14.1	19.7	-0.85	-	0.6	6.2/10.6	47944
2001 YF ₂	2004 07 08.5	19 12.37	-27 57.7	19.0	-1.03	-	0.8	2.0/08.1	57848	2002 AV ₁₃₈	2004 07 08.7	19 13.25	-15 53.4	20.4	-0.96	-	2.4	2.4/09.5	31440
2002 AX ₁₃₈	2004 07 08.5	19 12.38	-18 37.6	20.0	-0.89	-	3.6	1.4/09.1	48191	2000 SF ₂₉₀	2004 07 08.7	19 13.25	-18 48.9	18.3	-0.93	+	0.2	1.5/09.1	25248
2000 UO ₉₃	2004 07 08.5	19 12.41	-36 50.6	20.1	-0.96	-	1.3	4.4/07.0	47981	2000 GW ₅₂	2004 07 08.7	19 13.25	-30 26.5	18.2	-1.11	-	1.3	3.8/08.0	43360
2000 EE ₄	2004 07 08.5	19 12.43	-15 15.7	16.9	-0.93	-	0.1	3.8/09.2	43357	2003 FZ ₆₀	2004 07 08.7	19 13.27	-15 49.2	19.1	-0.89	-	3.6	2.6/09.6	50755
2000 TG ₆₅	2004 07 08.5	19 12.45	-21 02.5	21.0	-0.75	-	1.1	0.3/08.7	47974	1999 WL ₁₇	2004 07 08.8	19 13.21	+20 12.3	19.0	-1.08	+	6.4	22.4/08.9	38223
2000 UU ₁₀₁	2004 07 08.5	19 12.46	-29 01.2	20.9	-0.89	-	0.6	1.9/07.9	30417	2003 FP ₁₉	2004 07 08.8	19 13.21	-13 15.4	20.6	-0.81	-	4.1	2.8/10.1	50754
2001 WA ₁₈	2004 07 08.5	19 12.47	-28 16.4	20.1	-0.99	-	1.7	2.0/08.0	48156	2000 HW ₂₉	2004 07 08.8	19 13.33	-44 56.6	18.5	-1.32	-	1.5	9.8/06.5	47887
2001 SM ₃₄₂	2004 07 08.6	19 12.39	-28 54.2	17.8	-1.10	+	2.0	3.1/08.2	43431	2001 XH ₁₈₀	2004 07 08.8	19 13.34	-17 57.7	21.5	-0.82	-	1.0	1.2/09.3	48170
2003 EU ₂₄	2004 07 08.6	19 12.40	-18 43.1	20.0	-0.92	-	3.4	1.4/09.1	50750	2001 TZ ₃₈	2004 07 08.8	19 13.35	-29 17.2	21.8	-1.03	-	1.0	2.1/08.1	30474
2000 VJ ₆₀	2004 07 08.6	19 12.42	-10 39.8	20.1	-0.78	-	0.8	3.5/09.8	47986	2001 RL ₆	2004 07 08.8	19 13.38	-31 21.2	19.6	-1.28	-	1.3	4.1/07.9	25937
2000 RG ₁₂	2004 07 08.6	19 12.45	-21 49.2	16.5	-1.05	+	7.9	0.3/08.6	30378	2003 BK ₆₅	2004 07 08.8	19 13.39	-18 52.9	20.1	-1.05	-	2.9	1.4/09.2	48321
2003 BT ₂₆	2004 07 08.6	19 12.46	-26 44.4	18.8	-1.02	+	1.2	1.7/08.3	50739	2000 QS ₁₁	2004 07 08.8	19 13.39	-19 34.9	18.8	-0.93	-	4.2	1.3/09.2	47911
2000 SZ ₄₃	2004 07 08.6	19 12.49	+19 05.1	19.3	-0.80	+	0.4	16.6/13.4	18291	1996 RC ₇	2004 07 08.8	19 13.43	-33 13.1	20.1	-1.10	-	0.9	4.1/07.7	30251
1997 MB ₈	2004 07 08.6	19 12.54	-21 19.7	20.0	-1.07	-	1.1	0.4/08.7	47713	2001 UB ₂₅	2004 07 08.8	19 13.44	-12 04.8	19.1	-0.96	+	1.3	3.6/09.6	48134
2001 XV ₂₂₁	2004 07 08.6	19 12.55	-22 17.9	19.8	-1.01	-	1.3	0.0/08.6	47058	1999 RZ ₂₈	2004 07 08.8	19 13.46	+17 38.3	20.3	-1.07	-	4.7	19.1/15.5	12930
2001 QQ ₉₉	2004 07 08.6	19 12.60	-23 02.2	19.3	-1.05	-	1.1	0.3/08.6	48053	2001 TR ₂₂₇	2004 07 08.8	19 13.49	-28 37.3	19.4	-1.13	-	3.9	2.3/08.0	30501
2002 CP ₂₉₅	2004 07 08.6	19 12.62	-16 56.5	19.3	-0.80	-	5.3	1.5/09.5	33967	2000 GS ₅₆	2004 07 08.8	19 13.50	-28 10.2	18.2	-1.01	-	2.9	2.9/08.1	41629
1999 LT	2004 07 08.6	19 12.64	+39 41.5	17.7	-0.62	+	6.4	38.1/28.9	14135	2001 TF ₇₅	2004 07 08.8	19 13.52	-13 22.7	20.2	-1.05	-	1.0	3.7/09.7	23808
2002 AT ₁₈₂	2004 07 08.6	19 12.66	-31 20.7	19.9	-0.92	-	3.9	2.8/07.4	48194	2000 SZ ₅₉	2004 07 08.8	19 13.60	-28 43.3	18.8	-0.98	-	0.8	2.6/08.3	47945
2002 CA ₂₁	2004 07 08.6	19 12.66	-41 14.5	20.4	-1.01	+	0.1	5.1/06.9	30639	2003 EK ₄₈	2004 07 08.8	19 13.60	-01 31.2	20.0	-0.86	-	3.6	6.9/11.9	50752
2001 SP ₁₂₅	2004 07 08.6	19 12.68	-14 42.8	18.9	-1.02	-	0.9	3.7/09.4	48096	2001 UF ₁₂	2004 07 08.8	19 13.61	-18 49.2	20.8	-1.08	-	0.4	1.4/09.2	23847
2000 HC ₁₀	2004 07 08.6	19 12.68	-21 02.7	17.8	-0.94	-	2.9	0.7/08.8	19649	2000 CH ₈₀	2004 07 08.8	19 13.62	-26 59.6	18.8	-1.20	+	0.1	2.1/08.5	40047
1996 HT ₄	2004 07 08.6	19 12.69	-32 18.0	20.1	-1.15	-	3.9	4.1/07.4	47702	2003 FA ₁₂₀	2004 07 08.8	19 13.64	-25 38.3	19.3	-0.90	-	2.4	1.2/08.5	47494
2001 TB ₆₁	2004 07 08.6	19 12.72	-25 03.0	20.6	-1.09	-	2.1	1.0/08.4	46721	1993 TP ₂₇	2004 07 08.8	19 13.64	-23 13.3	18.7	-1.00	-	2.8	0.3/08.8	47689
2001 XS ₁₇₉	2004 07 08.6	19 12.75	-22 03.3	19.8	-0.92	-	4.1	0.1/08.7	47040	2001 XK ₁₁₆	2004 07 08.8	19 13.68	-29 29.1	20.9	-1.07	-	4.1	2.4/07.9	26078
2002 AT ₁₃₉	2004 07 08.6	19 12.76	-19 34.9	20.3	-0.94	-	2.5	0.9/09.0	26135	2001 VT ₂₇	2004 07 08.8	19 13.69	-18 55.7	19.7	-0.97	-	1.3	1.3/09.2	46873
2001 YW ₁₀₆	2004 07 08.6	19 12.80	-18 54.6	21.1	-0.82	-	2.8	1.0/09.1	48181	2002 AN ₁₉	2004 07 08.9	19 13.65	-22 37.8	20.8	-0.87	-	2.4	0.1/08.9	27373
2001 SQ ₂₀₇	2004 07 08.6	19 12.81	-27 53.5	18.5	-1.03	-	1.2	2.9/08.1	48103	2001 SM ₇₆	2004 07 08.9	19 13.67	-19 13.7	19.7	-1.07	-	0.6	1.3/09.2	50554
2002 XN ₄₅	2004 07 08.6	19 12.83	+00 14.4	19.6	-1.18	+	4.9	9.1/10.0	41889	2001 TZ ₁₃₅	2004 07 08.9	19 13.68	-17 36.2	20.9	-0.91	-	0.5	1.3/09.4	30489
2001 UF ₂₂	2004 07 08.6	19 12.85	-19 38.0	19.2	-1.12	+	0.7	1.2/08.9	30506	6633 P-L	2004 07 08.9	19 13.70	-18 25.6	20.2	-0.88	-	2.1	1.3/09.4	48388
2001 XR ₂₂₇	2004 07 08.6	19 12.86	-25 02.9	19.3	-0.99	-	1.7	1.0/08.4	62384	2001 WQ ₇₆	2004 07 08.9	19 13.79	-25 27.5	20.5	-0.97	-	2.4	1.1/08.6	46951
2000 FE ₇	2004 07 08.6	19 12.86	-12 26.6	20.4	-0.99	-	2.0	4.7/09.8	26944	2001 XU ₁₇₆	2004 07 08.9	19 13.83	-20 44.6	19.4	-0.98	-	2.0	0.7/09.1	48170
2000 QG ₁₆₂	2004 07 08.6	19 12.88	-25 52.2	18.4	-1.05	+	2.7	1.4/08.5	43382	2001 XP ₂₅	2004 07 08.9	19 13.84	-29 42.3	20.1	-1.08	-	3.4	2.6/08.0	46967
2001 VA ₂₀	2004 07 08.7	19 12.82	-21 51.1	19.0	-0.98	-	1.9	0.2/08.8	48148	2002 YP ₁₀	2004 07 08.9	19 13.84	-24 40.9	19.8	-1.15	-	2.0	1.0/08.7	62437
2000 SR ₄₀	2004 07 08.7	19 12.86	-26 49.1	17.4	-0.92	+	4.9	2.3/08.6	47943	2001 XB ₁₁₇	2004 07 08.9	19 13.85	-30 07.6	20.9	-0.93	-	3.2	2.3/07.9	47015
2001 YC ₂₂	2004 07 08.7	19 12.86	-26 09.9	19.4	-0.99	-	1.5	1.5/08.3	62385	2000 UQ ₅	2004 07 08.9	19 13.86	-34 18.1	19.6	-0.94	-	4.1	3.6/07.2	47975
1999 TA ₃₅	2004 07 08.7	19 12.87	+20 25.7	18.3	-1.03	+	4.7	22.5/10.3	47801	2000 YD ₃₃	2004 07 08.9	19 13.88	-11 31.2	19.9	-0.79	+	0.3	3.0/09.9	47998
2002 AH ₁₅₈	2004 07 08.7	19 12.88	-10 37.8	19.4	-0.76	-	4.2	3.6/10.4	50588	2000 LV ₂	2004 07 08.9	19 13.92	-18 06.4	18.1	-0.87	-	5.4	2.1/09.6	47899
2000 TG ₂₃	2004 07 08.7	19 12.91	-24 34.7	20.5	-0.81	-	1.6	0.6/08.5	30408	2001 VH ₆	2004 07 08.9	19 14.04	-38 27.1	20.7	-1.09	-	2.8	5.3/07.0	46860
2003 AQ ₁₃	2004 07 08.7	19 12.91	-17 07.6	19.5	-1.09	-	0.1	2.3/09.2	50731	2001 XY ₇₁	2004 07 08.9	19 14.05	-45 41.3	20.4	-1.14	-	5.5	6.9/05.4	50578
2001 XJ ₂₅₄	2004 07 08.7	19 12.92	-26 08.5	19.8	-1.01	-	1.6	1.3/08.3	53697	2001 YL ₁₅₇	2004 07 08.9	19 14.09	-40 41.2	19.9	-1.09	-	2.9	5.8/06.6	38331

1993 BL ₈	2004 07 08.9	19 14.09	-20 33.5	20.1	-1.10	-	4.1	0.7/09.2	47685
2000 WZ ₄₂	2004 07 09.0	19 14.03	-11 11.8	20.2	-0.75	-	1.0	2.9/10.2	9871
2001 EX ₁₆	2004 07 09.0	19 14.03	-68 36.7	17.9	-2.78	+	1.8	22.9/02.6	43397
2002 CX ₂₇₆	2004 07 09.0	19 14.04	-20 42.2	20.6	-0.83	-	1.4	0.5/09.2	48212
2000 GD ₈₄	2004 07 09.0	19 14.05	-26 45.9	17.3	-0.91	-	6.7	2.4/08.3	22139
2001 XB ₇₅	2004 07 09.0	19 14.10	-17 53.6	20.7	-0.97	-	4.0	1.6/09.6	46992
2000 QZ ₁₂₅	2004 07 09.0	19 14.11	-10 05.7	18.9	-0.87	-	1.6	4.6/10.3	46438
2001 XC ₂₆	2004 07 09.0	19 14.12	-30 56.5	19.1	-0.98	-	4.9	2.9/07.7	46967
2001 QX ₂₁₃	2004 07 09.0	19 14.15	-30 19.3	19.2	-1.15		0.0	3.0/08.4	50546
2001 SP ₇₄	2004 07 09.0	19 14.16	-25 48.9	17.3	-1.08	+	2.7	1.8/08.8	43423
2001 VK ₉₁	2004 07 09.0	19 14.19	-18 41.7	19.6	-0.93	-	5.4	1.3/09.6	50574
1991 FD ₁	2004 07 09.0	19 14.21	-30 29.2	18.3	-1.01	+	1.4	4.7/08.5	16701
2001 QX ₁₄₉	2004 07 09.0	19 14.23	-11 47.8	19.9	-0.97	-	3.5	3.7/10.4	48057
2000 RQ ₂₆	2004 07 09.0	19 14.23	-11 43.1	19.2	-0.92	+	0.4	3.9/09.9	47933
1999 SX ₁	2004 07 09.0	19 14.23	-54 03.0	18.1	-1.62	+	6.8	11.9/08.1	47799
2001 YU ₃₁	2004 07 09.0	19 14.26	-25 35.2	18.9	-0.98	-	1.9	1.6/08.7	25503
2001 TB ₂₃₅	2004 07 09.0	19 14.26	-19 03.2	19.4	-0.98	-	0.4	1.1/09.4	46774
2000 QG ₁₃₇	2004 07 09.0	19 14.40	-15 40.9	19.1	-1.01	+	3.4	2.6/09.4	30371
2001 WW ₂	2004 07 09.0	19 14.41	-34 19.1	19.9	-1.09	-	2.9	5.6/07.6	23929
1999 XC ₁₄₂	2004 07 09.0	19 14.47	-54 20.3	18.7	-1.76	-	16.5	15.6/29.2	41587
2001 WB ₄₈	2004 07 09.0	19 14.50	-26 11.5	20.5	-0.94	-	3.7	1.1/08.6	23941
2002 AT ₁₈₁	2004 07 09.0	19 14.51	-32 35.8	18.8	-1.11	+	0.7	3.7/08.3	47157
2001 RU ₁₃₀	2004 07 09.0	19 14.51	-31 57.3	18.1	-1.08	-	1.5	5.0/08.1	25951
2000 HU ₉₅	2004 07 09.0	19 14.52	-25 42.9	18.3	-1.08	-	1.0	1.6/08.8	41645
2003 BB ₆₂	2004 07 09.1	19 14.42	-16 22.4	20.3	-0.92	-	2.9	2.0/10.0	48321
2003 GE ₅₅	2004 07 09.1	19 14.44	-19 41.9	19.4	-0.70	-	2.2	0.8/09.4	50188
1998 XT ₉₆	2004 07 09.1	19 14.45	-21 54.7	20.9	-1.07	-	3.2	0.2/09.2	47761
2000 GP ₆₄	2004 07 09.1	19 14.50	-11 45.5	18.3	-0.83	-	1.8	5.6/10.4	23526
2001 YX ₁₃₄	2004 07 09.1	19 14.51	-20 26.8	19.9	-0.96	-	0.6	0.7/09.3	48183
2001 VZ ₁₀₄	2004 07 09.1	19 14.51	-20 46.1	19.0	-0.97	-	0.7	0.6/09.3	48154
2001 XC ₁₅₃	2004 07 09.1	19 14.51	-19 57.6	18.8	-1.00	-	2.7	1.1/09.4	48168
2001 PM ₆₅	2004 07 09.1	19 14.54	-21 32.7	18.4	-1.16	+	4.3	0.4/09.1	50541
2001 SH ₂₀₃	2004 07 09.1	19 14.55	-27 00.0	21.1	-1.11	-	2.0	1.8/08.6	46664
1993 FP ₅₀	2004 07 09.1	19 14.58	-28 00.0	19.6	-1.14	-	1.0	2.5/08.6	50368
2002 AD ₂₈	2004 07 09.1	19 14.61	-28 09.8	20.4	-0.85	-	1.0	1.6/08.5	27801
2003 EF	2004 07 09.1	19 14.61	-20 21.3	21.0	-1.01	-	2.8	0.7/09.4	48330
2000 SH ₁₃₉	2004 07 09.1	19 14.61	-25 05.8	19.1	-0.94	-	0.2	1.0/08.9	27711
2001 YO ₁₅₆	2004 07 09.1	19 14.62	-42 40.6	21.1	-1.00	-	3.2	5.5/06.3	47118
1998 HW ₁₄₀	2004 07 09.1	19 14.64	-29 59.2	17.9	-0.90	-	4.4	3.0/08.1	47731
2001 VE ₉₉	2004 07 09.1	19 14.64	-04 35.9	19.8	-0.86	-	2.6	5.8/11.3	48153
2001 TX ₁₅₀	2004 07 09.1	19 14.66	-30 28.4	19.8	-1.07	-	3.6	3.0/08.1	46756
1996 FO ₁₀	2004 07 09.1	19 14.68	-20 04.2	20.4	-1.04	-	3.0	0.9/09.4	47702
2001 XK ₁₁₂	2004 07 09.1	19 14.68	-14 03.0	20.0	-0.91	-	1.4	3.0/10.0	47013
2001 TR ₇₉	2004 07 09.1	19 14.68	-21 04.1	17.5	-0.96	-	5.1	0.7/09.3	23809
2000 UZ ₇₄	2004 07 09.1	19 14.69	-24 02.0	19.3	-0.93	+	1.3	0.6/09.0	47980
2000 YW ₁₃₅	2004 07 09.1	19 14.69	-33 18.3	21.0	-0.99	+	0.7	3.2/08.2	48003
2000 SU ₄₆	2004 07 09.1	19 14.71	-05 37.3	19.2	-0.94	+	1.4	6.9/10.0	47944
2000 XU ₂₁	2004 07 09.1	19 14.74	-30 50.4	19.4	-0.92	+	0.6	2.7/08.4	47996
2001 QC ₂₉₆	2004 07 09.1	19 14.75	-07 34.0	18.9	-0.98	-	2.7	6.7/10.8	23684
2001 XB ₆₀	2004 07 09.1	19 14.75	-27 08.0	20.0	-1.02	-	5.6	1.6/08.4	30569
2000 QG ₇	2004 07 09.1	19 14.76	+15 40.7	19.6	-0.85	-	7.3	13.3/18.1	50480

2001 UV ₄₃	2004 07 09.1	19 14.76	-16 53.8	20.7	-0.98	-	2.1	1.9/09.8	22946
2001 UM ₆₄	2004 07 09.1	19 14.77	-11 16.8	20.0	-0.93	-	0.6	3.8/10.2	48137
2001 QA ₂₀₅	2004 07 09.1	19 14.78	-18 01.2	19.9	-1.08	-	0.4	1.7/09.5	60897
4642 T-3	2004 07 09.1	19 14.86	-10 17.7	19.6	-0.76	-	2.7	3.8/10.8	50813
2002 AG ₁₈₁	2004 07 09.1	19 14.87	-41 08.4	19.1	-1.14	-	5.1	7.0/06.1	47156
2003 FM ₃₂	2004 07 09.1	19 14.88	-27 07.2	19.3	-0.99	-	2.1	1.9/08.6	47411
1999 EV ₁₁	2004 07 09.1	19 14.89	-29 38.3	19.0	-1.04	-	3.1	2.8/08.3	47772
2003 FM ₁₀₆	2004 07 09.1	19 14.90	-31 34.4	19.8	-0.96	-	2.3	3.2/08.1	47478
2002 AJ ₂₁	2004 07 09.1	19 14.91	-17 39.7	19.8	-1.05	-	10.4	1.5/10.0	26117
2001 QB ₂₅₁	2004 07 09.1	19 14.94	-34 04.7	18.5	-1.16	-	6.3	5.7/07.3	31952
1992 XA	2004 07 09.2	19 14.84	+05 08.4	23.3	-0.78	+	1.5	7.0/10.8	23520
2001 TT ₃₂	2004 07 09.2	19 14.88	-55 44.1	21.5	-1.39	-	2.6	9.8/04.5	50561
1999 RD ₆₄	2004 07 09.2	19 14.92	-44 12.3	18.8	-1.11	+	1.3	7.6/07.3	50416
2001 YM ₁₀₂	2004 07 09.2	19 14.94	-29 40.1	20.3	-0.99	-	2.7	2.5/08.3	47099
1997 JS ₂	2004 07 09.2	19 14.94	-01 37.9	20.4	-0.76	-	4.0	6.2/12.3	28963
2002 CM ₇₄	2004 07 09.2	19 14.95	-24 05.2	21.7	-0.84	-	1.7	0.5/09.0	27836
2000 WD ₁₇₅	2004 07 09.2	19 14.97	+00 27.6	19.8	-0.75	-	0.6	6.2/11.6	47994
2001 SC ₁₇₉	2004 07 09.2	19 14.99	-34 34.0	19.3	-1.03	-	3.9	3.9/07.5	46661
2001 VL ₄₆	2004 07 09.2	19 15.01	-17 59.3	19.3	-0.82	+	0.5	1.2/09.6	30539
1998 HS ₈₁	2004 07 09.2	19 15.04	-31 03.0	19.1	-0.93	-	2.3	2.9/08.2	50385
2001 XZ ₄₄	2004 07 09.2	19 15.06	-38 43.8	18.8	-1.14	-	3.9	6.8/06.8	50577
2000 OJ ₃₆	2004 07 09.2	19 15.11	-13 34.3	18.9	-0.92	+	1.5	4.2/09.8	47905
1998 YG ₂	2004 07 09.2	19 15.15	-25 15.0	18.8	-1.14	-	0.1	1.2/09.0	47761
2001 UV ₄₅	2004 07 09.2	19 15.16	-32 01.0	20.7	-0.99	-	2.9	3.0/08.1	46794
2000 ON ₃₁	2004 07 09.2	19 15.20	-23 11.6	18.3	-1.04	+	2.0	0.3/09.2	47905
2000 GG ₁₀	2004 07 09.2	19 15.26	-15 08.0	18.7	-0.96	-	3.3	3.5/10.2	41626
2002 EJ ₅₅	2004 07 09.3	19 15.25	-04 51.5	19.2	-0.74	-	4.2	5.3/12.0	48219
2003 FU ₄₃	2004 07 09.3	19 15.30	-23 42.7	18.3	-0.84	-	2.2	0.5/09.1	62443
1981 EB ₃₂	2004 07 09.3	19 15.31	-15 10.9	19.0	-0.83	+	0.3	2.3/10.0	30240
2003 BL ₆₆	2004 07 09.3	19 15.33	-08 32.6	19.0	-0.90	-	6.5	5.3/11.7	50742
2001 VY ₂₆	2004 07 09.3	19 15.38	-29 58.9	18.7	-1.05	-	3.2	3.1/08.3	48148
2001 XP ₄₉	2004 07 09.3	19 15.39	-26 57.9	19.7	-1.13	-	4.0	1.9/08.7	30567
2001 TF ₈₉	2004 07 09.3	19 15.43	-32 21.3	19.8	-1.15	-	0.9	3.9/08.3	50562
2001 TL ₁₃₄	2004 07 09.3	19 15.45	-23 37.3	17.3	-0.88	-	9.8	0.7/09.1	48124
2001 QV ₂₄₂	2004 07 09.3	19 15.46	-33 12.6	19.1	-1.16	-	1.6	4.4/08.2	48064
2001 UQ ₁₆₇	2004 07 09.3	19 15.53	-47 09.3	17.8	-1.26	-	0.7	10.4/06.6	50571
2000 VC ₄₁	2004 07 09.3	19 15.55	-33 08.8	20.3	-0.89	-	1.4	3.1/08.1	47985
2003 EK ₂₀	2004 07 09.3	19 15.55	-15 08.6	19.3	-0.80	-	2.7	2.7/10.3	50749
1996 BV ₁₁	2004 07 09.3	19 15.58	-28 18.5	20.4	-1.05	-	3.9	2.8/08.6	3141
2003 AF ₂	2004 07 09.3	19 15.58	-23 58.3	19.6	-1.09	+	3.6	0.6/09.3	43484
2002 EL ₁₁	2004 07 09.3	19 15.58	-19 37.0	21.0	-0.80	-	1.7	0.7/09.7	33969
2001 XZ ₆₇	2004 07 09.3	19 15.59	-26 17.6	20.4	-1.00	-	3.0	1.3/08.9	26072
2002 XC ₅₈	2004 07 09.3	19 15.65	-04 46.1	19.8	-1.07	+	2.6	6.2/10.6	50722
2003 EE ₄₇	2004 07 09.3	19 15.67	-37 59.3	19.8	-1.12	-	5.7	5.3/06.9	47375
2000 QR ₁₅	2004 07 09.3	19 15.71	-23 27.8	18.2	-0.94	-	0.4	0.6/09.3	6287
1999 VW ₁₈₆	2004 07 09.3	19 15.80	-56 23.3	20.2	-1.88	-	9.7	15.3/01.3	40027
2000 TX ₄₄	2004 07 09.4	19 15.69	-24 14.8	19.7	-0.99	-	4.4	0.7/09.1	13785
1999 HV ₈	2004 07 09.4	19 15.70	-41 40.2	20.0	-1.18	-	1.7	6.6/07.2	47777
1999 RM ₁₁₄	2004 07 09.4	19 15.71	-42 39.3	20.8	-1.09		0.0	6.2/07.2	47792
2001 QC ₇₅	2004 07 09.4	19 15.71	-13 06.7	19.4	-0.98	-	1.5	3.6/10.4	46545
2000 OW	2004 07 09.4	19 15.82	-30 10.0	18.4	-1.13	+	1.6	3.4/08.9	47903

2000 WB ₂₄	2004 07 09.4	19 15.83	-28 06.3	20.3	-0.93	- 2.4	2.0/08.7	46515	2001 SJ ₄	2004 07 09.7	19 16.90	-26 13.0	20.2	-1.08	- 2.2	1.4/09.3	48082
2000 WA ₁₄₅	2004 07 09.4	19 15.85	-13 58.9	20.7	-0.80	- 4.8	2.3/10.7	33322	2000 UA ₆₃	2004 07 09.7	19 17.01	-12 26.2	19.2	-0.80	+ 0.2	2.9/10.7	47979
2001 XL ₂₄	2004 07 09.4	19 15.90	-26 22.1	19.3	-1.12	0.0	1.5/09.1	30563	1999 RD ₁₃₃	2004 07 09.7	19 17.01	-29 32.7	19.7	-1.02	+ 1.8	2.5/09.2	10387
2000 QV ₂₁₄	2004 07 09.4	19 15.92	-40 38.5	17.8	-1.05	- 0.4	8.9/07.4	13716	2001 QS ₈₀	2004 07 09.7	19 17.12	-22 46.3	20.3	-1.12	+ 1.1	0.2/09.7	48051
2001 UD ₁₆	2004 07 09.4	19 15.94	-26 51.4	18.4	-1.05	- 4.7	2.1/08.8	48133	2002 AO ₁₂₃	2004 07 09.7	19 17.15	-12 22.6	19.4	-0.76	- 5.0	2.7/11.3	30618
2003 BP ₂	2004 07 09.4	19 15.97	-25 06.7	19.2	-1.03	- 0.5	1.1/09.2	50737	1999 RM ₁₆₈	2004 07 09.7	19 17.18	-11 48.8	17.8	-0.76	- 3.3	4.4/11.2	47794
2001 TU ₆₁	2004 07 09.4	19 16.01	-09 10.1	18.0	-0.86	+ 1.2	7.4/10.0	48118	2001 RH ₅	2004 07 09.7	19 17.19	-19 12.2	20.1	-1.07	- 1.4	1.2/10.0	48069
2000 QX ₅₇	2004 07 09.4	19 16.05	-08 22.7	18.7	-0.85	- 8.1	6.2/12.1	4993	2001 SV ₁₃₁	2004 07 09.7	19 17.19	-24 26.4	19.0	-1.07	- 1.3	0.9/09.5	43425
2001 UA ₁₆₀	2004 07 09.4	19 16.07	-26 57.9	20.9	-1.09	- 4.3	1.9/08.8	23891	2001 ST ₃₇	2004 07 09.7	19 17.20	-09 46.3	18.9	-0.90	- 4.9	6.5/11.6	48087
2001 XC ₄₇	2004 07 09.4	19 16.07	-34 59.0	18.0	-1.13	- 6.7	5.0/07.3	30566	2001 UM ₁₆	2004 07 09.7	19 17.21	-24 26.8	18.7	-1.05	- 3.1	0.9/09.5	48133
2002 FV ₂₉	2004 07 09.4	19 16.09	-18 58.6	19.2	-0.82	- 5.8	1.0/10.0	33542	2001 XE ₄₁	2004 07 09.7	19 17.28	-36 37.1	19.9	-0.93	- 1.7	4.1/08.1	50577
2000 ST ₁₃₈	2004 07 09.4	19 16.13	-42 47.3	20.4	-1.20	- 0.5	7.5/07.1	47952	2000 QW ₃₅	2004 07 09.7	19 17.30	-18 32.0	18.3	-0.95	- 1.0	1.5/10.2	47913
2001 VS ₃₆	2004 07 09.5	19 16.07	-19 54.8	20.2	-0.99	- 1.1	0.9/09.7	30536	2000 SV ₂₇₁	2004 07 09.7	19 17.30	-04 56.6	20.6	-0.73	- 1.9	4.7/12.0	47964
1998 XM ₁₇	2004 07 09.5	19 16.08	+05 50.2	18.9	-1.04	+ 3.6	10.7/10.8	20710	2000 QG ₂₃₀	2004 07 09.7	19 17.35	-37 14.7	18.4	-1.04	- 3.7	6.3/07.6	47930
2000 QE ₁₆₃	2004 07 09.5	19 16.08	-22 01.3	19.5	-1.01	+ 1.5	0.1/09.5	47924	2000 WZ ₁₅₄	2004 07 09.7	19 17.36	-30 28.5	19.7	-0.94	- 0.7	2.5/08.9	30431
2000 OY ₄₄	2004 07 09.5	19 16.12	-01 30.4	19.2	-0.91	- 2.4	8.0/11.7	47906	2002 AS ₉₅	2004 07 09.7	19 17.36	-22 10.6	20.1	-0.85	- 4.7	7.1/20.0	48189
2000 SC ₁₁₉	2004 07 09.5	19 16.21	-27 03.0	20.1	-0.93	- 2.2	1.6/09.0	47951	2001 XH ₃₇	2004 07 09.7	19 17.37	-22 13.5	19.2	-0.99	+ 1.2	7.2/20.0	26068
2002 AD ₁₀₈	2004 07 09.5	19 16.24	-19 33.1	20.5	-0.80	- 3.4	0.8/09.9	27808	1993 PE ₇	2004 07 09.8	19 17.30	-14 12.9	19.0	-0.79	- 2.4	2.8/10.8	53576
2001 UM ₁₀₀	2004 07 09.5	19 16.24	-23 52.4	21.1	-1.07	- 3.1	0.6/09.3	23874	2001 TD ₂₀₃	2004 07 09.8	19 17.30	-22 05.4	18.3	-1.08	- 5.8	10.3/20.0	30497
2001 SN ₁₅₇	2004 07 09.5	19 16.26	-42 37.2	17.9	-1.28	+ 1.5	9.8/07.9	50556	2001 YQ ₁₀	2004 07 09.8	19 17.31	-28 55.4	19.7	-0.96	- 2.6	2.3/09.0	48175
2003 GO ₂	2004 07 09.5	19 16.31	-28 19.8	19.7	-0.87	- 0.8	2.0/08.9	62444	2001 TL ₂₀₈	2004 07 09.8	19 17.33	-11 06.2	19.6	-0.91	- 3.7	4.1/11.3	50566
2000 PH ₁₂	2004 07 09.5	19 16.34	-31 05.1	18.2	-1.17	+ 5.0	3.9/09.3	25057	2003 BC ₁₃	2004 07 09.8	19 17.33	-23 08.1	19.6	-1.13	+ 0.6	0.4/09.7	62440
2002 AU ₂₉	2004 07 09.5	19 16.35	-23 57.2	19.9	-0.82	- 2.5	0.5/09.3	47127	1995 CB ₆	2004 07 09.8	19 17.36	-20 10.6	20.8	-1.09	- 1.6	0.8/10.0	62213
2000 SJ ₁₅₆	2004 07 09.5	19 16.36	-24 19.4	20.0	-0.83	- 1.7	0.6/09.3	47954	1997 WH ₂₁	2004 07 09.8	19 17.38	-18 19.4	19.0	-1.02	- 2.0	1.6/10.0	47719
2001 VW ₉₉	2004 07 09.5	19 16.39	-10 38.9	21.4	-0.88	- 3.4	3.4/11.1	48154	2001 RV ₁₃₀	2004 07 09.8	19 17.41	-24 19.2	19.4	-1.05	- 2.6	0.8/09.6	48080
2001 TK ₁₃₉	2004 07 09.5	19 16.45	-36 04.5	18.5	-1.17	- 3.6	6.6/07.7	30489	1997 WO ₃₇	2004 07 09.8	19 17.44	-22 33.2	17.9	-1.02	- 3.8	10.2/20.0	47720
2003 EZ ₂₄	2004 07 09.5	19 16.46	-26 22.9	21.5	-1.09	- 2.7	1.4/09.1	50750	2001 TE ₂₁₉	2004 07 09.8	19 17.48	-22 56.3	19.7	-1.01	- 4.4	0.3/09.7	46773
2001 XN ₁₆₃	2004 07 09.5	19 16.47	-19 23.4	19.5	-0.97	- 2.4	1.1/09.9	62384	2000 HQ ₉₃	2004 07 09.8	19 17.62	-17 33.2	18.0	-0.96	- 2.1	2.4/10.0	30354
2000 XV ₁₈	2004 07 09.5	19 16.49	-27 59.7	18.1	-0.92	+ 1.5	1.8/09.2	27757	1997 YG	2004 07 09.8	19 17.65	-25 06.9	20.6	-0.99	- 4.1	1.0/09.5	25698
1997 RA ₈	2004 07 09.5	19 16.49	-21 48.3	18.2	-0.95	- 0.3	0.3/09.6	34697	2001 UA ₇₉	2004 07 09.8	19 17.66	-26 35.7	20.3	-0.99	- 2.1	1.4/09.4	48138
2001 VO ₁₁₀	2004 07 09.5	19 16.51	-26 47.4	19.9	-1.02	- 1.3	1.7/09.1	46913	1997 SG ₄	2004 07 09.8	19 17.67	-11 12.3	18.3	-0.96	- 0.8	5.2/10.9	47714
2001 QC ₂₆₀	2004 07 09.5	19 16.53	-23 11.2	19.7	-1.11	- 0.3	0.3/09.5	23678	2002 CZ ₂₇₇	2004 07 09.8	19 17.75	-21 46.8	20.6	-0.85	- 1.0	7.1/20.0	50009
2001 UV ₆₂	2004 07 09.5	19 16.53	-25 09.9	20.4	-1.04	- 1.7	1.0/09.3	30513	2000 SC ₉₀	2004 07 09.8	19 17.76	-07 43.9	19.2	-0.97	+ 4.0	7.2/10.0	13752
2003 DE ₁₆	2004 07 09.6	19 16.53	-30 22.8	18.8	-1.10	+ 0.6	3.6/09.0	50747	2003 DB	2004 07 09.9	19 17.69	-14 46.7	20.2	-0.89	- 9.6	2.4/11.4	50746
2001 TX ₁₁₆	2004 07 09.6	19 16.60	-35 14.5	18.4	-1.08	- 3.1	4.7/07.9	50563	2000 RJ ₁₀₄	2004 07 09.9	19 17.70	-39 16.5	19.0	-1.10	+ 1.6	5.6/08.5	30385
2001 SG ₈₁	2004 07 09.6	19 16.61	-15 41.7	20.0	-1.09	- 1.6	2.9/10.0	48092	2001 TS ₁₁₁	2004 07 09.9	19 17.74	-15 32.2	18.2	-1.05	+ 1.4	3.1/10.4	30485
2001 SL ₃₂₅	2004 07 09.6	19 16.67	-06 51.5	20.5	-1.01	- 3.8	6.8/11.5	48112	2002 AO ₇₄	2004 07 09.9	19 17.75	-25 58.0	19.1	-0.91	+ 1.6	1.2/09.6	50586
2002 CK ₁₈	2004 07 09.6	19 16.69	-32 11.2	19.0	-0.92	- 3.8	3.3/08.2	61217	2003 AL ₉₂	2004 07 09.9	19 17.78	-25 41.8	19.0	-0.87	- 4.9	1.1/09.4	48315
1999 CL ₅₆	2004 07 09.6	19 16.70	-30 48.2	20.1	-1.07	- 1.9	3.0/08.7	47767	1995 TT ₄	2004 07 09.9	19 17.81	-18 36.9	20.6	-0.82	- 1.5	1.0/10.3	60470
2003 FW ₆₅	2004 07 09.6	19 16.74	-36 44.6	18.9	-0.98	- 3.8	5.3/07.6	50756	2000 FO ₄₇	2004 07 09.9	19 17.82	-27 26.9	18.6	-0.93	- 3.1	2.8/09.2	50469
2001 XA ₁₃₉	2004 07 09.6	19 16.77	-25 02.8	18.7	-0.95	- 5.5	1.2/09.2	47024	2000 QR ₁₃₅	2004 07 09.9	19 17.88	-24 01.7	17.6	-0.91	- 5.6	0.8/09.7	41666
2003 BW ₈₉	2004 07 09.6	19 16.77	-15 13.7	20.6	-1.04	- 1.3	2.7/10.4	50743	2001 XB ₂₄	2004 07 09.9	19 17.88	-35 03.7	17.9	-1.05	- 5.1	4.7/07.9	48160
2000 EW ₁₃₃	2004 07 09.6	19 16.78	-29 58.6	18.4	-1.09	- 6.4	3.6/08.4	41617	2000 QO ₁₁₅	2004 07 09.9	19 17.88	+01 30.2	18.2	-0.81	- 3.5	10.0/13.5	47921
2001 VK ₂₀	2004 07 09.6	19 16.80	-23 46.9	19.5	-1.00	- 1.5	0.5/09.5	48148	2003 EM ₂₁	2004 07 09.9	19 17.92	-03 35.9	19.9	-0.86	- 3.2	6.4/12.6	50749
2003 BF ₈₄	2004 07 09.6	19 16.90	+09 40.0	18.5	-0.76	- 7.4	10.8/17.2	50743	1992 DY ₁₀	2004 07 09.9	19 17.96	-17 43.5	19.9	-1.02	- 0.5	1.9/10.4	43323
2001 WW ₁₆	2004 07 09.6	19 16.92	-25 58.9	19.7	-1.00	- 2.0	1.3/09.3	50575	2001 TF ₅	2004 07 09.9	19 17.96	-30 50.1	20.2	-1.20	- 3.5	3.7/08.8	43432
2002 CO ₆	2004 07 09.6	19 16.92	-56 03.2	19.0	-1.40	+ 2.4	9.8/07.5	50589	2001 UP ₆₈	2004 07 09.9	19 18.00	-17 37.7	19.1	-1.04	+ 0.1	1.8/10.4	23865
2001 XH ₅₆	2004 07 09.6	19 16.93	-19 40.8	19.2	-1.03	- 2.3	1.1/10.0	46983	2003 FK ₈₉	2004 07 09.9	19 18.01	-09 34.7	20.2	-0.81	- 0.8	4.1/11.4	47462
2001 RN ₂₀	2004 07 09.6	19 16.94	-17 51.0	20.0	-1.10	- 2.1	2.0/10.0	48070	2001 XF ₂₀₆	2004 07 09.9	19 18.01	-18 00.8	19.3	-0.95	- 5.0	2.0/10.6	48171
2001 TA ₃₆	2004 07 09.6	19 16.95	-35 37.4	20.1	-1.05	- 1.2	4.4/08.2	46710	2001 UT ₂₂₂	2004 07 09.9	19 18.03	-19 06.8	19.4	-0.94	- 2.0	1.2/10.3	46857
2001 UX ₇₆	2004 07 09.6	19 16.96	-26 41.7	20.0	-1.00	- 2.9	1.5/09.1	46806	2000 UA ₁₁₂	2004 07 09.9	19 18.04	-30 42.9	20.3	-0.89	- 3.2	2.5/08.8	29494

1999 FT ₄₇	2004 07 09.9	19 18.04	-23 12.8	19.6	-1.04	-	1.4	0.4/09.9	47774
1999 JO ₁₂₄	2004 07 09.9	19 18.13	-07 25.5	19.4	-0.89	-	0.1	5.5/11.5	47782
2000 RV ₇₃	2004 07 09.9	19 18.16	+01 20.6	19.9	-0.84	-	1.2	9.1/12.4	46459
1998 CX	2004 07 09.9	19 18.17	-17 41.0	19.2	-0.92	-	0.2	1.7/10.4	47723
2000 RV ₇₆	2004 07 09.9	19 18.17	-10 56.7	18.9	-0.92	-	4.7	3.9/11.6	30383
2002 CG ₂₅₄	2004 07 10.0	19 18.11	-20 53.8	18.5	-0.87	-	5.2	0.5/10.2	50595
2000 RE ₈₂	2004 07 10.0	19 18.11	-07 18.8	18.9	-0.90	+	2.0	6.9/10.9	6333
2001 VZ ₂₅	2004 07 10.0	19 18.15	-23 59.8	19.9	-1.07	-	3.4	0.7/09.8	30534
2003 AJ ₃₄	2004 07 10.0	19 18.16	-16 43.3	21.2	-1.19	-	2.9	2.3/10.6	47248
2001 UN ₇₄	2004 07 10.0	19 18.18	-24 22.5	20.8	-0.98	-	2.9	0.7/09.7	46804
2000 RY ₁₅	2004 07 10.0	19 18.21	-14 02.9	18.4	-0.91	+	0.1	2.9/10.8	47932
2001 UB ₁₄₄	2004 07 10.0	19 18.24	-18 35.5	21.8	-1.03	-	2.2	1.4/10.4	48142
1995 BU ₁₀	2004 07 10.0	19 18.26	-23 21.7	20.3	-1.07	-	3.0	0.5/09.9	30247
2000 SD ₂₇₆	2004 07 10.0	19 18.27	-57 30.4	20.7	-1.29	-	2.4	8.5/04.3	9834
2000 SG ₂₈₅	2004 07 10.0	19 18.27	-32 02.8	19.8	-1.05	+	0.6	3.9/09.1	47965
2001 UT ₁₈₉	2004 07 10.0	19 18.28	-11 23.7	20.1	-0.98	-	1.4	4.1/11.2	61180
2002 CK ₂₂₇	2004 07 10.0	19 18.29	-14 14.8	19.9	-0.96	-	0.9	3.0/10.8	50594
2001 TH ₁₄₉	2004 07 10.0	19 18.32	-18 17.6	20.2	-1.01	-	3.6	1.5/10.5	46756
2001 SC ₃₁₄	2004 07 10.0	19 18.33	-06 55.9	20.5	-1.02	-	3.7	6.8/11.9	48111
2001 XF ₂₉	2004 07 10.0	19 18.35	-13 46.6	18.5	-0.98	-	8.1	3.3/11.5	48160
2000 YN ₁₃₀	2004 07 10.0	19 18.39	-20 39.0	20.8	-0.82	-	1.7	0.5/10.2	37532
2001 WJ ₁₁	2004 07 10.0	19 18.41	-27 12.5	19.6	-1.13	-	5.4	2.2/09.3	30553
2000 SG ₃₂₅	2004 07 10.0	19 18.47	-32 53.7	19.0	-1.03	+	0.4	4.0/09.1	47967
2000 ES ₇₁	2004 07 10.0	19 18.49	-32 18.5	18.8	-1.15	+	0.7	5.0/09.3	47866
1998 XK ₄₈	2004 07 10.0	19 18.51	-29 18.7	19.3	-1.16	-	3.3	2.8/09.2	47760
2000 HT ₄₈	2004 07 10.0	19 18.60	-16 52.3	19.2	-1.05	-	1.4	2.2/10.7	50473
2000 PB ₃	2004 07 10.1	19 18.52	-06 29.8	18.5	-0.93	+	2.7	6.6/10.9	25806
2001 XR ₅₃	2004 07 10.1	19 18.53	-20 39.0	18.1	-1.05	-	2.9	0.7/10.3	48162
1119 T-3	2004 07 10.1	19 18.54	-37 48.4	20.3	-0.96	-	0.6	4.1/08.3	11066
2000 HA ₅₈	2004 07 10.1	19 18.55	-19 24.2	20.7	-1.08	-	1.5	1.1/10.4	50474
2000 GJ ₅₀	2004 07 10.1	19 18.56	-27 09.4	20.0	-1.14	-	2.3	2.0/09.6	1597
2003 HD ₄₆	2004 07 10.1	19 18.59	-06 05.8	18.7	-0.78		0.0	5.5/11.8	50764
2001 YU ₅₃	2004 07 10.1	19 18.60	-24 36.0	19.8	-0.98	-	1.8	0.8/09.8	47087
2000 SC ₄₈	2004 07 10.1	19 18.68	-04 39.1	19.9	-0.88		0.0	6.2/11.7	47944
2003 FP ₅	2004 07 10.1	19 18.85	-11 30.1	19.1	-0.82	-	0.3	3.6/11.3	50753
1998 BO ₄₃	2004 07 10.1	19 18.87	-34 53.0	19.5	-1.07	+	0.3	4.0/09.0	47722
2001 UR ₈₅	2004 07 10.1	19 18.88	-18 22.2	20.9	-1.07	-	2.1	1.6/10.6	30516
2002 AR ₁₂₀	2004 07 10.1	19 18.88	-22 32.7	20.4	-0.82	-	2.1	0.1/10.1	48191
2000 EH ₆₅	2004 07 10.1	19 18.88	-09 04.5	18.0	-0.90	-	3.1	6.6/12.0	47865
2001 SD ₂₈₀	2004 07 10.1	19 18.98	-15 39.5	19.4	-0.93	-	2.2	2.2/11.0	48109
2001 SA ₈₄	2004 07 10.2	19 18.92	-13 28.3	19.0	-1.00	-	1.8	4.4/11.2	48092
2000 JN ₂₉	2004 07 10.2	19 18.99	-23 04.1	18.7	-1.08	-	1.2	0.4/10.1	47893
2000 RV ₁₀₁	2004 07 10.2	19 19.01	-21 16.3	19.2	-0.93	+	1.1	0.3/10.3	47939
1998 FQ ₁₂₅	2004 07 10.2	19 19.04	-26 53.2	19.0	-0.95	-	0.3	1.4/09.8	47727
2001 UG ₃₃	2004 07 10.2	19 19.06	-39 02.4	20.3	-1.24	-	5.4	6.3/07.5	26023
2002 AE ₁	2004 07 10.2	19 19.07	-05 58.5	19.9	-0.94	-	0.2	5.9/11.7	48183
2000 WU ₁₄₂	2004 07 10.2	19 19.07	+06 41.3	21.1	-0.76	-	0.8	7.7/13.4	8556
2000 RF ₇₀	2004 07 10.2	19 19.11	-11 01.3	20.0	-0.75	-	1.7	2.9/11.6	50487
2001 SE ₆₇	2004 07 10.2	19 19.12	-33 18.3	18.9	-1.15	-	3.9	5.3/08.6	46626
2000 UQ ₃₃	2004 07 10.2	19 19.18	-41 26.4	20.5	-1.16	-	7.2	8.0/06.3	9847
2003 EV ₁₈	2004 07 10.2	19 19.24	-32 20.3	20.6	-1.09	-	0.5	3.6/09.3	48333

2000 JQ ₃₈	2004 07 10.2	19 19.29	-08 33.0	19.0	-1.04	+	1.4	5.8/11.2	47893
2000 WK ₁₉₂	2004 07 10.2	19 19.33	-17 05.8	22.4	-0.87	-	6.1	1.4/11.1	13799
2001 VM ₇₇	2004 07 10.2	19 19.42	-19 29.4	20.1	-1.00	-	4.2	1.0/10.7	46899
2000 KR ₁₁	2004 07 10.2	19 19.44	-32 24.6	17.3	-1.13	-	4.1	4.2/08.9	47896
1998 TB ₁₇	2004 07 10.3	19 19.33	-20 51.5	18.5	-1.03	-	0.3	0.7/10.4	50396
2001 UJ ₁₅₇	2004 07 10.3	19 19.35	-21 33.0	19.8	-0.96	-	2.5	0.2/10.4	48143
2000 SM ₁₈	2004 07 10.3	19 19.40	-17 44.2	18.8	-0.93	+	0.4	1.6/10.7	13739
1999 JX ₆₆	2004 07 10.3	19 19.42	-08 38.7	18.7	-0.84	-	3.3	5.8/12.3	33810
2000 KL ₁₇	2004 07 10.3	19 19.43	-20 15.2	19.3	-1.04	-	2.5	0.8/10.6	47896
2001 ST ₂₈₈	2004 07 10.3	19 19.44	-15 43.5	19.9	-1.05	-	0.4	2.4/10.9	25997
2000 ET ₈₄	2004 07 10.3	19 19.45	-16 54.1	18.2	-1.08	+	0.7	2.5/10.8	47866
2001 TC ₂₁₆	2004 07 10.3	19 19.48	-38 31.3	19.4	-1.14	+	0.1	5.5/08.8	48131
2000 YY ₇₉	2004 07 10.3	19 19.50	-23 10.0	20.1	-0.86	-	3.1	0.3/10.2	48000
2001 UF ₁₅₆	2004 07 10.3	19 19.52	-16 21.1	20.7	-0.93	-	1.4	2.0/11.0	46840
2003 FG ₁₄	2004 07 10.3	19 19.56	-16 09.4	19.3	-0.88	-	1.6	2.3/11.0	62443
2001 TG ₆₉	2004 07 10.3	19 19.56	-19 39.8	20.2	-0.97	-	1.9	0.9/10.6	46725
2001 YD ₆₁	2004 07 10.3	19 19.56	-27 48.9	18.9	-1.06	-	2.8	2.5/09.6	47089
2001 UC ₁₆₈	2004 07 10.3	19 19.58	-41 39.5	18.6	-1.19	-	0.9	7.1/08.1	50571
2000 QU ₂₁₃	2004 07 10.3	19 19.64	-16 05.7	19.4	-0.88	-	2.7	2.0/11.1	27689
1999 TG ₂₃₄	2004 07 10.3	19 19.66	+01 47.1	18.3	-0.76	+	1.3	9.3/12.6	50430
2001 TH ₆₄	2004 07 10.3	19 19.77	+16 03.6	21.0	-0.85		0.0	10.2/14.9	30479
2001 XW ₁₈	2004 07 10.3	19 19.78	-34 25.0	19.8	-1.07	-	5.0	3.9/08.5	30562
2000 SL ₃₆₈	2004 07 10.3	19 19.81	-22 57.2	18.8	-1.04	+	2.7	0.3/10.3	18297
2001 UT ₁₅₁	2004 07 10.3	19 19.83	-20 58.1	20.0	-1.07	-	1.8	0.5/10.5	30525
2002 CZ ₅₆	2004 07 10.4	19 19.75	+06 02.0	21.5	-0.69	-	1.9	6.1/14.4	30647
2001 TP ₁₉₄	2004 07 10.4	19 19.77	-31 30.0	19.0	-1.06	-	1.0	3.4/09.4	46767
2001 QL ₂₁₉	2004 07 10.4	19 19.77	-34 24.6	18.4	-1.09	-	2.0	5.0/08.9	50547
2000 QG ₇₇	2004 07 10.4	19 19.79	-04 33.6	19.8	-0.86	-	4.0	6.3/12.9	47917
1993 WL	2004 07 10.4	19 19.80	-17 41.5	19.1	-0.98	-	0.7	1.9/10.9	50370
2001 SD ₄₆	2004 07 10.4	19 19.81	-19 23.5	18.0	-0.92	-	4.9	1.5/10.8	23718
2001 VH ₉	2004 07 10.4	19 19.82	-20 17.9	19.9	-0.95	-	2.9	0.6/10.7	30530
1999 JL ₈₉	2004 07 10.4	19 19.90	-26 34.7	18.7	-0.96	-	5.2	1.7/09.7	47781
2002 CM ₁₂₀	2004 07 10.4	19 19.90	-08 00.0	20.6	-0.84	-	4.4	4.0/12.5	30663
2000 WA ₁₇	2004 07 10.4	19 19.95	-01 09.2	20.3	-0.83	+	2.1	6.5/11.9	8539
2001 SS ₁₁₇	2004 07 10.4	19 19.98	-17 32.1	20.0	-1.05	-	0.8	1.8/10.9	50555
2000 ON ₅₄	2004 07 10.4	19 19.98	-17 52.2	20.4	-0.92	-	4.1	1.8/11.1	43375
2000 DS ₇₄	2004 07 10.4	19 19.98	-11 46.1	18.9	-0.99	-	3.0	4.9/11.8	47858
2001 XS ₅₂	2004 07 10.4	19 20.02	-19 09.5	20.0	-0.96	-	2.0	1.1/10.8	46980
2002 AR ₄₈	2004 07 10.4	19 20.02	-21 54.2	19.1	-0.89	-	1.3	0.1/10.5	48186
2000 EF ₁₂₀	2004 07 10.4	19 20.07	-29 13.0	18.4	-1.12	-	4.8	3.4/09.5	41616
2000 GM ₁₃₅	2004 07 10.4	19 20.15	-26 57.4	18.6	-1.03	-	6.5	2.2/09.7	47883
2001 VL ₃₅	2004 07 10.4	19 20.21	-28 55.6	20.3	-1.05	-	2.5	2.3/09.6	30536
2000 WC ₇₇	2004 07 10.5	19 20.14	-22 04.5	18.8	-0.89	+	0.2	0.0/10.5	47990
2003 FL ₉	2004 07 10.5	19 20.18	-33 26.2	20.8	-1.01	-	2.8	3.9/09.1	48342
2001 SZ ₂₁₃	2004 07 10.5	19 20.18	-17 43.6	20.6	-1.01	-	3.3	1.7/11.1	50557
2001 VM ₁₀₃	2004 07 10.5	19 20.19	-20 06.1	19.7	-0.97	-	0.7	0.7/10.7	48154
2002 CW ₂₉₉	2004 07 10.5	19 20.21	-21 32.8	20.4	-0.88	-	1.3	0.2/10.6	48213
2003 FN ₄₅	2004 07 10.5	19 20.21	-20 12.8	19.3	-0.83	-	2.0	0.7/10.8	62443
2001 YU ₁₀₆	2004 07 10.5	19 20.23	-20 30.5	20.0	-0.81	-	0.8	0.5/10.7	47101
2001 TB ₉₇	2004 07 10.5	19 20.25	-20 06.6	19.4	-0.99	-	1.1	0.8/10.7	48121
2001 QE ₁₅	2004 07 10.5	19 20.26	-22 33.4	18.6	-1.04	-	5.6	0.2/10.5	50542

2001 WT ₁₉	2004 07 10.5	19 20.26	-13 37.5	19.1	-0.93	+	0.1	3.2/11.3	48156	2000 LC ₁₁	2004 07 10.7	19 21.13	-07 01.6	17.5	-0.80	-	9.0	7.4/14.0	43371
2692 P-L	2004 07 10.5	19 20.27	-14 53.6	20.2	-0.77	-	2.1	2.0/11.4	48386	2000 QY ₆₇	2004 07 10.7	19 21.20	-24 35.4	18.0	-0.89	-	4.4	1.2/10.4	47916
2001 VE ₂₁	2004 07 10.5	19 20.27	-06 20.1	20.2	-0.94	+	0.3	5.3/11.9	30533	1982 SV	2004 07 10.7	19 21.21	+10 07.8	21.2	-0.95	-	1.5	10.5/14.1	47681
2000 VC ₅₄	2004 07 10.5	19 20.30	-38 41.9	19.2	-0.98	-	1.6	5.2/08.4	25322	2002 DF ₁₃	2004 07 10.7	19 21.27	-07 47.0	22.1	-0.77	-	0.3	3.8/12.3	48214
2000 OQ ₅₅	2004 07 10.5	19 20.32	-15 38.7	18.4	-0.93	-	3.1	2.8/11.4	47907	2001 SP ₁₇₉	2004 07 10.7	19 21.27	-14 08.1	18.4	-0.94	-	4.9	3.8/11.9	46663
2001 XD ₂₉	2004 07 10.5	19 20.49	-15 27.9	19.1	-0.95	-	5.7	2.4/11.6	26067	2002 AF ₁₈₉	2004 07 10.7	19 21.30	-02 21.8	19.8	-0.90	-	1.3	6.7/12.9	50588
2001 RX ₉₈	2004 07 10.5	19 20.50	-20 27.6	19.3	-1.10	-	2.6	0.8/10.8	48078	2002 AU ₉	2004 07 10.7	19 21.39	-25 59.4	20.5	-0.99	+	0.3	1.2/10.4	27799
2001 XJ ₂₃₁	2004 07 10.5	19 20.53	-27 48.6	21.4	-1.11	-	2.0	2.3/09.9	48173	2003 FV ₁₀₆	2004 07 10.7	19 21.40	-57 33.1	19.8	-1.32	-	2.0	9.4/05.7	47479
2001 VQ ₁₁	2004 07 10.5	19 20.53	-13 47.4	20.4	-0.94	+	0.8	2.6/11.3	30530	2000 EQ ₅₀	2004 07 10.7	19 21.40	-30 21.3	19.2	-1.15	-	1.5	3.9/09.9	43358
2001 SG ₂₂₅	2004 07 10.5	19 20.53	-15 21.4	21.3	-1.01	-	2.7	2.5/11.4	46667	2000 SR ₂₂₅	2004 07 10.7	19 21.41	-04 45.8	21.5	-0.74	-	2.0	4.5/13.0	47960
2001 SP ₁₃₈	2004 07 10.5	19 20.54	-18 36.1	19.4	-0.97	-	1.5	1.2/11.0	48098	2002 VC ₂	2004 07 10.7	19 21.42	-18 38.7	20.9	-1.04	-	2.5	1.3/11.2	41159
2001 UA ₄₆	2004 07 10.5	19 20.55	-15 54.2	20.6	-0.93	-	1.9	2.0/11.3	46795	2001 SZ ₁₆₁	2004 07 10.7	19 21.45	-20 59.1	20.4	-1.08	-	1.5	0.4/10.9	48100
2001 QH ₇₆	2004 07 10.5	19 20.56	-20 25.6	18.6	-1.07	-	1.6	0.7/10.8	48051	2001 XL ₈₄	2004 07 10.8	19 21.38	-24 41.1	18.2	-1.00	-	8.1	1.0/10.3	46997
2001 UO ₁₁₉	2004 07 10.5	19 20.62	-14 35.2	18.9	-0.97	-	1.0	3.6/11.4	30520	1998 DV ₁₇	2004 07 10.8	19 21.42	-18 49.7	20.9	-0.89	-	3.0	1.1/11.2	47723
2001 SY ₁₄	2004 07 10.6	19 20.60	-32 47.0	20.1	-1.21	-	1.6	4.3/09.4	46609	2003 BY ₄₃	2004 07 10.8	19 21.42	-34 22.2	20.1	-1.19	-	0.7	4.9/09.6	50740
2001 UU ₁₅₆	2004 07 10.6	19 20.61	-23 50.4	20.4	-1.05	-	3.6	0.7/10.4	46840	1998 SJ ₁₅₂	2004 07 10.8	19 21.43	-27 34.9	20.1	-1.15	-	1.8	2.9/10.2	47750
2000 QE ₁₇₆	2004 07 10.6	19 20.63	-19 27.4	19.2	-0.93	-	0.5	1.0/10.9	47926	2001 VK ₆₀	2004 07 10.8	19 21.45	-08 07.2	18.6	-0.96	+	1.4	5.5/12.0	30542
2003 EH ₃	2004 07 10.6	19 20.64	-26 43.8	20.0	-1.07	-	2.4	1.8/10.1	47320	2001 QK ₁₄₅	2004 07 10.8	19 21.45	-07 59.9	20.2	-0.98	-	3.9	5.9/12.9	48057
2000 ND ₂₀	2004 07 10.6	19 20.67	-15 21.9	18.4	-0.98	-	8.1	2.7/11.8	47902	2000 HU ₆₃	2004 07 10.8	19 21.50	-19 46.1	18.4	-0.96	-	0.6	1.2/11.1	23537
2000 QG ₂₁₀	2004 07 10.6	19 20.67	-28 18.8	18.8	-0.99	-	0.4	2.3/10.0	47929	2002 EH ₁₀	2004 07 10.8	19 21.50	+04 33.5	20.4	-0.89	-	3.7	8.0/14.5	48216
2003 CE ₁₃	2004 07 10.6	19 20.70	-22 08.6	20.4	-1.05	-	3.1	0.0/10.6	48326	2001 XQ ₇₃	2004 07 10.8	19 21.52	-14 59.0	20.4	-0.90	-	2.4	2.2/11.7	48164
2001 TJ ₁₄	2004 07 10.6	19 20.71	-26 05.7	18.8	-1.08	+	1.4	1.4/10.3	48114	1997 WN ₆	2004 07 10.8	19 21.53	-26 23.1	19.1	-1.09	-	4.4	1.8/10.2	47718
2001 RZ ₁₃₅	2004 07 10.6	19 20.73	-31 07.4	20.1	-1.17	-	3.0	3.7/09.5	48080	1999 TT ₂₇₉	2004 07 10.8	19 21.55	-21 08.5	19.0	-0.82	-	2.3	0.4/11.0	47813
2000 SX ₂₉₄	2004 07 10.6	19 20.74	-33 41.4	17.6	-1.00	+	0.4	4.1/09.5	47965	2001 XP ₂₄₃	2004 07 10.8	19 21.55	-21 36.6	19.8	-0.90	-	4.0	0.2/10.9	48174
2000 OZ ₃₈	2004 07 10.6	19 20.77	-14 41.9	16.7	-0.99	+	7.6	3.8/10.7	13672	2002 AT ₃₂	2004 07 10.8	19 21.58	-14 10.0	19.4	-0.97	-	3.8	3.0/11.9	30607
2000 UL ₂₂	2004 07 10.6	19 20.77	-42 27.0	19.7	-0.99	-	3.3	5.7/07.6	47976	2000 WV ₁₇₁	2004 07 10.8	19 21.59	-27 21.3	18.9	-0.93	-	5.8	1.7/10.0	47994
2000 SJ ₁₆₅	2004 07 10.6	19 20.78	-02 36.8	19.3	-0.89	+	1.6	7.6/12.0	49819	2002 CS ₂₂₅	2004 07 10.8	19 21.61	-06 47.3	19.8	-0.88	-	4.5	5.4/13.1	27552
2000 TT ₇₀	2004 07 10.6	19 20.81	-08 16.2	19.4	-0.77	-	5.7	3.8/13.0	47974	2001 VL ₅₉	2004 07 10.8	19 21.62	-29 11.8	19.1	-1.13	-	2.3	3.3/10.0	30542
2001 TL ₄₀	2004 07 10.6	19 20.82	-16 27.7	19.2	-0.96	+	0.7	1.8/11.1	30475	2001 WV ₆₃	2004 07 10.8	19 21.62	-21 25.4	19.7	-1.04	-	0.9	0.3/10.9	26061
2001 VX ₂₀	2004 07 10.6	19 20.83	-15 44.0	18.6	-1.03	+	0.5	2.9/11.2	30533	1994 WK ₄	2004 07 10.8	19 21.64	-24 30.3	20.9	-1.04	-	4.4	0.8/10.5	50371
2001 XM ₁₉₈	2004 07 10.6	19 20.86	-17 22.4	20.8	-0.89	-	0.5	1.4/11.2	30584	2001 UW ₃₀	2004 07 10.8	19 21.66	-14 14.0	18.1	-1.02	-	5.5	3.6/12.0	30508
2000 WT ₁₀₂	2004 07 10.6	19 20.90	-02 59.5	20.5	-0.76	-	1.2	5.5/12.9	33317	2001 UT ₈₆	2004 07 10.8	19 21.68	-24 06.4	21.2	-1.05	-	1.9	0.8/10.6	27273
2001 TD ₃₈	2004 07 10.6	19 20.90	-14 59.3	18.5	-1.00	+	1.7	2.5/11.2	30474	2001 WM ₇₃	2004 07 10.8	19 21.74	-24 05.5	19.7	-0.97	-	2.6	0.7/10.6	48158
1994 RF ₁₀	2004 07 10.6	19 20.95	-08 58.0	19.9	-0.78	-	2.0	4.2/12.3	47693	1997 TY ₁	2004 07 10.8	19 21.75	-19 25.1	19.6	-1.01	-	1.4	1.0/11.2	25693
2001 XT ₇₇	2004 07 10.6	19 20.99	-17 30.4	17.8	-0.86	-	2.8	2.5/11.3	26073	2001 UG ₂₆	2004 07 10.8	19 21.78	-31 49.1	19.8	-1.16	-	1.0	4.2/09.8	46787
2002 CA ₅₂	2004 07 10.6	19 21.00	-52 14.2	20.4	-1.23	+	0.9	7.8/07.4	30646	1999 AT ₂₄	2004 07 10.8	19 21.79	-24 32.2	19.1	-1.03	-	0.5	0.9/10.6	47763
2001 QA ₂₆₃	2004 07 10.6	19 21.00	-19 48.6	19.7	-1.05	-	1.6	0.9/10.9	50548	1058 T-3	2004 07 10.8	19 21.79	-32 14.3	19.2	-0.97	+	0.8	3.5/09.9	35666
2001 UX ₁₃₄	2004 07 10.6	19 21.02	-24 05.6	19.2	-1.00	-	1.5	0.8/10.5	48142	2002 AG ₁₂₃	2004 07 10.8	19 21.80	-33 43.6	18.7	-0.99	+	0.2	3.9/09.7	27404
2001 UU ₅	2004 07 10.6	19 21.05	-13 00.9	19.4	-1.02	-	2.0	3.7/11.7	50567	2000 GU ₆₅	2004 07 10.8	19 21.85	-23 18.6	17.7	-0.98	-	2.2	0.6/10.7	23526
2001 QN ₂₀₈	2004 07 10.6	19 21.08	-34 21.6	19.7	-1.26	-	1.0	5.2/09.4	48061	2000 QS ₂₂₀	2004 07 10.8	19 21.85	-11 22.1	20.3	-0.89	-	4.6	3.9/12.5	47929
2000 YZ ₁₁	2004 07 10.7	19 20.97	-06 31.5	18.8	-0.77	-	5.6	4.1/13.3	33336	2000 QX ₄₅	2004 07 10.8	19 21.85	-18 23.1	19.1	-0.93	-	2.0	1.5/11.3	47913
1999 TH ₂₇₉	2004 07 10.7	19 20.99	-41 15.6	19.3	-1.05	-	1.9	6.1/08.0	33833	2001 VL ₈₈	2004 07 10.8	19 21.86	-22 56.7	18.8	-1.08	-	4.4	0.4/10.8	23920
2000 NS ₅	2004 07 10.7	19 21.00	-08 36.5	16.6	-0.78	+	5.8	7.4/11.0	41658	2002 CM ₁₉	2004 07 10.9	19 21.77	-33 10.8	21.9	-0.90	-	0.2	2.9/09.7	27827
2000 UA ₉₈	2004 07 10.7	19 21.01	-36 59.7	21.0	-0.97	-	1.8	4.6/08.8	47982	2000 WZ ₉₈	2004 07 10.9	19 21.83	-24 11.8	20.5	-0.83	-	1.8	0.6/10.7	30428
2001 SV ₂₄₅	2004 07 10.7	19 21.04	-15 31.7	19.9	-1.03	-	2.5	2.7/11.5	25990	2001 OE ₈₇	2004 07 10.9	19 21.86	-22 02.3	17.6	-0.97	-	7.0	0.0/10.9	25903
2001 QP ₁₂	2004 07 10.7	19 21.07	-28 29.1	17.9	-1.08	+	0.2	3.5/10.1	53695	2001 ST ₂₃₃	2004 07 10.9	19 21.87	-22 53.1	20.4	-1.03	-	2.8	0.3/10.8	46668
2110 T-2	2004 07 10.7	19 21.08	-34 32.7	18.9	-0.97	-	1.0	4.0/09.3	27868	2001 OW ₇₀	2004 07 10.9	19 21.87	-22 59.1	17.7	-1.10	-	4.6	0.4/10.8	43399
2001 TD ₁₇	2004 07 10.7	19 21.09	+00 45.7	18.9	-0.96	+	3.8	8.3/11.9	30473	2002 AZ ₁₀₄	2004 07 10.9	19 21.87	-23 33.1	19.3	-0.99	-	2.2	0.6/10.7	31439
2002 TK ₄₁	2004 07 10.7	19 21.10	-59 39.2	19.3	-2.07	-	8.0	16.5/02.1	41802	2000 SG ₁₆₇	2004 07 10.9	19 21.88	-10 17.2	17.6	-0.88	+	1.3	5.3/11.9	47955
2001 WK ₆₇	2004 07 10.7	19 21.10	-19 23.4	20.2	-0.91	-	2.2	0.9/11.1	46950	2001 VE ₈₄	2004 07 10.9	19 21.91	-22 15.8	19.1	-0.95	-	3.6	0.1/10.9	46904
2001 SO ₃₄₁	2004 07 10.7	19 21.12	-27 53.5	18.1	-1.14	+	4.5	2.8/10.5	43431	2000 FH ₃₈	2004 07 10.9	19 21.94	-28 01.1	17.4	-0.94	-	3.8	3.1/10.1	41623

2002 CM ₂₃₆	2004 07 10.9	19 21.95 -19 41.4 19.5	-0.83 - 4.3	0.7/11.3	30688	2001 XH ₈₆	2004 07 11.2	19 23.31 -20 07.0 19.8	-0.99 - 3.7	0.7/11.5	48165
2001 SQ ₁₄₈	2004 07 10.9	19 22.08 -17 24.4 20.0	-1.01 - 1.3	1.7/11.5	46652	2000 SJ ₂₂₃	2004 07 11.2	19 23.34 -10 44.7 21.5	-0.83 - 1.4	3.5/12.6	47960
2001 VL ₆₄	2004 07 10.9	19 22.12 -32 12.7 19.5	-1.06 - 2.1	3.8/09.7	46893	1999 SB ₂₄	2004 07 11.2	19 23.35 -21 37.1 18.7	-0.85 - 0.2	0.2/11.3	47799
2001 TC ₁₁₃	2004 07 10.9	19 22.16 -35 53.5 19.2	-1.07 - 1.2	4.6/09.5	48122	2003 HW ₄₄	2004 07 11.2	19 23.36 -12 53.3 19.6	-1.05 - 2.8	4.4/12.3	50763
2001 XV ₁₆₈	2004 07 10.9	19 22.24 -25 23.2 17.9	-1.06 - 6.0	1.5/10.5	48169	1993 FB ₃₅	2004 07 11.2	19 23.40 -20 52.4 21.3	-0.87 - 2.1	0.3/11.4	57656
2002 AL ₁₅₆	2004 07 10.9	19 22.25 -22 14.2 20.5	-0.91 - 3.4	0.0/11.0	48192	2001 XF ₉₈	2004 07 11.2	19 23.43 -25 59.6 19.2	-1.04 - 2.0	1.5/10.8	47006
2000 VV ₃₃	2004 07 10.9	19 22.25 -19 16.3 19.7	-0.84 - 1.7	0.9/11.3	47985	2000 CL ₅₆	2004 07 11.3	19 23.44 -23 03.5 16.1	-0.85 - 7.5	0.6/11.1	62271
2001 XN ₂₀	2004 07 10.9	19 22.26 -28 49.2 18.7	-0.97 + 0.8	2.2/10.4	30563	2000 AW ₂₀₂	2004 07 11.3	19 23.45 -24 52.5 17.1	-1.02 - 8.3	1.4/10.8	41595
2001 SY ₂₀	2004 07 10.9	19 22.27 -17 20.8 20.7	-1.03 - 3.0	1.8/11.6	48084	2001 TU ₃₅	2004 07 11.3	19 23.46 -46 33.5 18.1	-1.23 - 4.1	10.2/07.2	48116
2001 TW ₃₈	2004 07 11.0	19 22.18 -24 07.9 18.4	-1.06 + 1.2	1.0/10.8	48116	2002 XK ₂₉	2004 07 11.3	19 23.51 -33 14.4 20.1	-1.16 - 8.8	3.5/09.2	48303
2001 XP ₂₁₇	2004 07 11.0	19 22.21 -22 37.0 19.7	-0.84 - 4.7	0.2/10.9	30585	2001 XZ ₁₅	2004 07 11.3	19 23.56 -18 36.6 20.3	-0.87 - 1.9	1.0/11.8	30562
2001 WZ ₈	2004 07 11.0	19 22.21 -26 33.5 19.7	-1.04 - 5.2	1.9/10.3	23931	2001 XX ₁₅	2004 07 11.3	19 23.56 -17 58.9 21.0	-0.98 - 2.0	1.5/11.8	48159
2003 AB ₆₂	2004 07 11.0	19 22.26 -19 55.5 18.4	-0.94 + 1.8	0.7/11.2	48313	2001 UE ₃₈	2004 07 11.3	19 23.59 -12 59.3 19.7	-1.04 - 1.1	3.8/12.3	26023
2001 TC ₁₁₆	2004 07 11.0	19 22.29 -41 54.0 18.3	-1.20 - 3.0	6.7/08.2	46749	2001 RA ₉₂	2004 07 11.3	19 23.62 -27 46.3 18.3	-1.03 - 2.1	3.0/10.6	48077
2000 GP ₁₆₂	2004 07 11.0	19 22.31 -21 10.6 18.3	-1.02 - 1.1	0.5/11.1	47884	2003 GW ₃₀	2004 07 11.3	19 23.68 -21 58.3 19.3	-0.82 - 2.0	0.0/11.4	62444
2003 AO ₉₁	2004 07 11.0	19 22.35 -35 22.0 20.2	-1.07 - 0.2	4.5/09.8	48315	2000 GM ₁₄₁	2004 07 11.3	19 23.69 -15 31.0 18.0	-0.88 - 7.6	3.3/12.6	47883
2002 EZ ₄₂	2004 07 11.0	19 22.39 -20 41.7 20.3	-0.80 - 1.6	0.4/11.2	29985	2003 FV ₁₂₀	2004 07 11.3	19 23.72 -07 41.6 20.6	-0.91 - 2.6	5.1/13.3	50759
5340 T-2	2004 07 11.0	19 22.40 -15 43.1 18.3	-0.85 + 0.4	2.1/11.6	48391	2001 VP ₈₁	2004 07 11.3	19 23.73 -06 02.0 20.0	-0.86 - 1.3	5.2/13.3	48152
1997 AJ ₁₈	2004 07 11.0	19 22.41 -17 23.8 19.2	-0.90 + 1.5	1.7/11.4	47708	2001 SQ ₁	2004 07 11.3	19 23.74 -20 54.0 20.6	-1.03 - 1.6	0.4/11.5	46605
2001 UP ₆₀	2004 07 11.0	19 22.46 -12 27.8 20.3	-0.98 - 1.5	3.8/12.2	50569	2001 XF ₅₅	2004 07 11.3	19 23.83 -22 55.4 18.8	-1.03 - 3.7	0.4/11.3	48162
2001 RH ₇₀	2004 07 11.0	19 22.50 -19 53.1 18.4	-1.11 + 0.4	1.0/11.2	31953	1999 VL ₁₅₂	2004 07 11.3	19 23.85 -31 17.7 19.7	-0.93 - 0.9	3.1/10.3	41583
2001 TX ₂₁₇	2004 07 11.0	19 22.51 -26 09.5 20.2	-1.08 - 1.1	1.5/10.6	46772	2001 VQ ₂₄	2004 07 11.3	19 23.87 -19 10.6 21.0	-0.98 - 1.7	1.0/11.7	30533
2001 TA ₉₈	2004 07 11.0	19 22.53 -17 33.1 20.3	-1.06 - 1.2	1.8/11.5	30483	2000 JT ₄₄	2004 07 11.4	19 23.81 -25 17.9 18.5	-0.99 - 2.3	1.6/11.0	43367
1999 HZ ₅	2004 07 11.0	19 22.54 -46 02.9 18.4	-1.05 + 0.7	12.2/08.2	13594	1999 BD ₂	2004 07 11.4	19 23.82 +04 52.8 20.3	-0.93 - 4.7	8.8/15.8	47763
2001 UW ₅₉	2004 07 11.0	19 22.56 -20 13.3 19.8	-1.10 - 1.9	0.9/11.3	48137	2001 XR ₈₂	2004 07 11.4	19 23.82 -18 05.5 20.0	-1.05 - 2.4	1.6/11.9	62383
2001 XL ₁₃₁	2004 07 11.0	19 22.65 -34 52.0 19.8	-0.96 - 5.0	3.9/09.1	50579	2001 TN ₂₁₃	2004 07 11.4	19 23.82 -33 40.1 20.6	-1.22 - 2.9	5.0/09.8	46772
2001 RG ₃₅	2004 07 11.0	19 22.68 -08 37.8 19.7	-1.05 - 3.2	6.0/12.7	48072	1981 DB ₂	2004 07 11.4	19 23.88 -21 55.4 19.4	-0.95 - 0.4	0.0/11.4	47679
2001 UN ₁₅₈	2004 07 11.1	19 22.60 -22 24.7 20.0	-1.03 - 2.9	0.1/11.1	48143	2001 TC ₇₁	2004 07 11.4	19 23.89 -39 27.7 19.9	-1.19 - 3.5	6.7/08.9	46727
2000 RF ₅₄	2004 07 11.1	19 22.66 -06 09.2 19.0	-0.80 - 0.3	4.7/12.7	29293	2002 AE ₂₅	2004 07 11.4	19 23.89 -16 18.0 20.4	-0.78 - 2.5	1.7/12.2	47127
1998 SR ₅₉	2004 07 11.1	19 22.70 -17 00.4 18.6	-1.05 - 4.8	2.4/11.9	47746	2001 TX ₃	2004 07 11.4	19 23.89 -17 30.5 19.5	-1.07 - 0.8	2.1/11.9	46696
2001 VP ₂₉	2004 07 11.1	19 22.74 -27 42.0 19.5	-0.95 - 3.3	1.7/10.3	30535	2000 WL ₅₁	2004 07 11.4	19 23.90 -29 36.1 18.9	-0.88 - 2.4	2.6/10.4	50505
1999 GV ₁₁	2004 07 11.1	19 22.75 -19 32.6 21.0	-0.98 - 1.9	0.9/11.4	25736	2001 SP ₆₆	2004 07 11.4	19 23.91 -36 33.4 19.1	-1.18 - 3.4	6.6/09.3	23723
1996 BK ₁₇	2004 07 11.1	19 22.76 -34 20.2 18.7	-1.15 - 0.5	6.0/09.9	47702	2001 TS ₉₈	2004 07 11.4	19 23.96 -19 43.8 21.0	-1.06 - 1.8	0.9/11.7	23816
2001 VN ₄₅	2004 07 11.1	19 22.77 -07 02.6 18.5	-0.98 + 2.7	5.8/12.0	30539	2001 TE ₇₆	2004 07 11.4	19 23.97 -07 27.2 18.5	-0.93 - 1.3	6.4/13.1	48120
2003 HG ₂₃	2004 07 11.1	19 22.77 -26 33.4 21.0	-0.94 - 1.6	1.6/10.6	62445	2002 AZ ₇₉	2004 07 11.4	19 24.02 -23 13.1 21.1	-0.87 - 2.3	0.4/11.3	48188
2001 RB ₈₉	2004 07 11.1	19 22.80 -21 05.8 18.1	-1.03 - 3.7	0.4/11.3	48077	2000 WO ₉₄	2004 07 11.4	19 24.05 -28 29.8 19.6	-0.87 - 2.6	1.9/10.6	47990
2001 YT ₅₉	2004 07 11.1	19 22.84 -26 50.4 18.8	-1.10 - 2.1	2.0/10.6	35137	2003 AZ	2004 07 11.4	19 24.08 -19 41.1 20.1	-1.02 - 0.4	0.9/11.7	50730
2002 BN ₁₃	2004 07 11.1	19 22.85 -30 45.2 20.8	-0.87 - 3.5	2.6/09.9	50589	2001 SX ₆₆	2004 07 11.4	19 24.09 -31 02.2 19.4	-1.16 - 3.8	3.5/10.2	23724
2000 SD ₁₅	2004 07 11.1	19 22.86 -28 34.1 20.1	-1.06 + 1.7	2.4/10.6	29312	2001 SG ₆₆	2004 07 11.4	19 24.10 -12 36.3 18.9	-1.01 - 3.1	4.4/12.6	48090
2001 QU ₁₁₃	2004 07 11.1	19 22.90 -20 03.2 18.8	-1.10 + 1.2	0.9/11.3	48054	2000 QZ ₁₅₃	2004 07 11.4	19 24.10 -15 48.2 19.4	-0.97 + 0.9	2.2/12.0	29257
2000 QV ₁₇₅	2004 07 11.1	19 22.91 -23 30.3 18.8	-0.98 - 0.0	0.6/11.0	47926	2000 EP ₁₄	2004 07 11.4	19 24.17 -37 58.7 18.2	-1.15 + 0.4	8.1/10.0	47861
1999 RE ₁₅₃	2004 07 11.1	19 22.94 -28 05.0 18.6	-0.96 + 2.2	2.4/10.7	47794	2000 HM ₄₃	2004 07 11.4	19 24.20 -20 31.7 19.1	-0.94 - 1.3	0.8/11.6	27663
2000 UQ ₃₁	2004 07 11.1	19 22.95 -23 51.5 20.3	-0.81 - 2.1	0.5/10.9	47976	2003 BC ₅₁	2004 07 11.4	19 24.22 -19 35.4 20.5	-1.04 - 2.2	0.9/11.8	50740
1999 EN ₁₀	2004 07 11.1	19 23.00 -23 44.3 19.8	-1.01 - 1.4	0.6/11.0	47772	2001 XZ ₂₁₁	2004 07 11.4	19 24.29 -10 30.9 20.0	-0.88 - 0.3	4.0/12.7	47053
2001 RG ₄₇	2004 07 11.1	19 23.08 -53 07.7 21.2	-1.54 + 2.4	8.8/08.7	23692	2002 VO ₈₉	2004 07 11.4	19 24.35 -58 11.7 19.6	-1.73 - 0.9	12.6/07.5	48299
2000 SZ ₁₁₇	2004 07 11.2	19 23.01 -14 02.1 19.8	-0.88 - 2.1	3.1/12.2	47950	2001 SR ₃₀	2004 07 11.5	19 24.23 -30 27.1 19.9	-1.18 - 2.5	3.6/10.4	46613
1995 DV ₆	2004 07 11.2	19 23.10 -29 30.8 20.1	-1.05 - 1.3	3.0/10.4	21971	2000 UL ₁₂	2004 07 11.5	19 24.24 -27 15.6 20.0	-0.85 - 1.9	1.5/10.8	47975
2000 JC ₁₄	2004 07 11.2	19 23.11 -26 41.9 19.6	-1.11 - 2.4	1.8/10.7	43366	2001 SU ₈₁	2004 07 11.5	19 24.26 -08 56.3 19.0	-1.00 - 3.5	6.0/13.4	27237
2001 YJ ₁₂₆	2004 07 11.2	19 23.22 -38 39.7 18.3	-1.05 - 5.0	7.3/08.4	48182	2002 CY ₂₃₇	2004 07 11.5	19 24.30 -22 08.8 19.1	-1.12 + 1.8	0.0/11.5	50005
2001 YC ₅₁	2004 07 11.2	19 23.23 -27 40.0 19.0	-1.09 - 4.4	2.3/10.4	24012	1999 TF ₂₇₃	2004 07 11.5	19 24.31 -12 06.9 18.7	-1.00 + 5.5	3.6/11.8	17060
2001 SQ ₃₄	2004 07 11.2	19 23.30 -31 45.2 20.3	-1.18 - 2.5	4.0/10.0	25961	2000 QQ ₁₀₆	2004 07 11.5	19 24.33 -19 20.0 18.2	-0.78 - 5.3	1.4/12.0	60706

2001 UF ₁₄₉	2004 07 11.5	19 24.33	-26 56.5	20.6	-1.11	- 3.4	2.0/10.9	26035	2003 BA ₉₁	2004 07 11.7	19 25.46	-03 00.3	19.4	-0.81	- 7.2	6.0/15.7	48324
2000 UY ₆₁	2004 07 11.5	19 24.43	-10 02.5	20.1	-0.83	- 0.3	3.9/12.8	49834	2001 RH ₉₄	2004 07 11.7	19 25.48	-08 52.8	19.9	-1.01	- 2.1	6.3/13.3	48077
2001 XZ ₂₀	2004 07 11.5	19 24.44	-29 52.2	19.8	-1.06	- 2.1	3.0/10.6	46965	1997 AC ₁₄	2004 07 11.7	19 25.50	-19 39.7	20.0	-0.86	- 4.7	0.7/12.2	30253
2000 SV ₂₈	2004 07 11.5	19 24.45	-37 52.0	19.9	-0.95	0.0	4.1/09.8	30387	2001 SE ₁₃₇	2004 07 11.7	19 25.52	-21 01.0	19.1	-1.05	- 1.5	0.4/11.9	50556
2000 YO ₆₆	2004 07 11.5	19 24.47	+11 22.9	21.9	-0.72	- 1.6	8.4/16.2	48000	2001 SU ₂₇₅	2004 07 11.7	19 25.54	-23 51.4	20.6	-1.07	- 4.8	0.7/11.5	25995
2001 VB ₂₄	2004 07 11.5	19 24.49	-24 55.9	19.9	-1.02	- 2.2	1.1/11.2	46870	2003 BJ ₆₃	2004 07 11.8	19 25.48	-39 28.9	19.8	-1.11	+ 2.6	5.7/10.7	48321
2001 VO ₃₃	2004 07 11.5	19 24.50	-22 21.9	19.2	-1.06	- 3.5	0.1/11.5	46878	2001 TY ₃₁	2004 07 11.8	19 25.51	-37 49.3	19.5	-1.30	- 1.5	7.2/09.7	23794
2002 AT ₁₈₀	2004 07 11.5	19 24.52	-38 14.7	18.2	-1.21	+ 1.7	6.1/10.2	30627	2000 SW ₄₁	2004 07 11.8	19 25.52	-08 12.6	19.1	-0.84	- 4.4	5.8/13.9	49814
2001 XD ₅₉	2004 07 11.5	19 24.57	-23 10.2	19.1	-1.01	- 3.4	0.4/11.4	46984	2002 CX ₁₂₁	2004 07 11.8	19 25.55	-08 31.9	20.0	-0.84	- 5.0	4.2/14.0	30663
2003 BS ₁₀	2004 07 11.5	19 24.61	-23 57.9	18.9	-1.04	- 4.6	0.8/11.3	50737	2001 SW ₅₇	2004 07 11.8	19 25.55	-12 53.9	18.7	-1.04	- 0.3	4.3/12.7	23721
2001 SC ₂₉₃	2004 07 11.5	19 24.62	-33 49.2	20.3	-1.15	- 2.8	4.6/10.0	46693	2000 RQ ₆₉	2004 07 11.8	19 25.56	-36 32.5	18.8	-1.07	- 1.4	5.3/09.9	13730
2001 UM ₅	2004 07 11.5	19 24.62	-25 38.8	20.0	-1.11	- 2.4	1.5/11.1	46778	2000 QY ₄₉	2004 07 11.8	19 25.63	-32 05.0	19.6	-1.05	- 0.2	3.9/10.8	47914
2001 TN ₁	2004 07 11.5	19 24.62	-21 53.5	18.6	-1.03	- 5.5	0.1/11.6	43432	2001 XM ₁₉	2004 07 11.8	19 25.64	-09 50.4	19.0	-1.15	+ 6.7	4.2/12.0	30562
2001 WJ ₅₃	2004 07 11.5	19 24.71	-41 38.8	20.4	-1.12	- 3.1	6.5/08.8	50576	2003 BL ₈₂	2004 07 11.8	19 25.65	-30 55.0	19.7	-1.21	- 2.4	3.8/10.8	62442
2001 YR ₁₅₃	2004 07 11.5	19 24.71	-31 31.4	17.9	-1.02	+ 3.4	3.3/11.1	50584	2000 FY ₁₇	2004 07 11.8	19 25.68	-26 13.2	19.5	-1.09	- 6.4	1.9/11.1	50468
2000 SC ₁₈₈	2004 07 11.6	19 24.66	-19 21.7	19.8	-0.86	- 2.2	0.8/12.0	47957	1993 FU ₅₆	2004 07 11.8	19 25.69	-18 20.2	20.3	-1.05	- 4.7	1.5/12.4	50368
2000 GU ₁₁₁	2004 07 11.6	19 24.66	-14 06.9	19.2	-1.06	- 0.5	3.5/12.4	47882	2000 WU ₁₃	2004 07 11.8	19 25.69	-42 23.3	18.9	-1.15	- 6.0	7.8/07.8	47987
2001 SO ₂₆₇	2004 07 11.6	19 24.69	-33 56.4	18.4	-1.02	- 6.0	6.2/09.5	23774	2000 TP ₂₈	2004 07 11.8	19 25.70	-34 37.4	19.6	-0.96	- 4.0	4.2/09.9	47972
1998 YF ₂	2004 07 11.6	19 24.71	-22 10.4	19.0	-1.02	- 2.8	0.1/11.6	47761	2002 CO ₁₃₆	2004 07 11.8	19 25.74	-07 56.6	19.0	-0.80	- 5.5	4.4/14.3	27517
2002 BS ₄	2004 07 11.6	19 24.76	-45 46.1	20.6	-1.07	- 2.2	7.1/08.2	48195	1998 XF ₄₅	2004 07 11.8	19 25.80	-24 43.6	18.5	-1.08	- 0.2	1.0/11.6	47760
2000 VW ₄₂	2004 07 11.6	19 24.80	-37 20.3	19.3	-0.96	- 2.1	4.6/09.5	27743	2002 AA ₁₄₅	2004 07 11.8	19 25.84	-19 53.2	20.1	-0.89	- 3.2	0.7/12.2	47150
2003 BB ₄₉	2004 07 11.6	19 24.92	-14 47.9	18.4	-0.84	- 5.9	2.9/12.9	48320	2002 CS ₃₅	2004 07 11.8	19 25.86	-29 06.6	20.7	-0.86	- 2.5	2.0/10.9	30642
2002 YD ₁	2004 07 11.6	19 24.92	-35 17.4	18.9	-1.17	+ 2.5	5.3/10.9	48306	2001 TU ₄₆	2004 07 11.8	19 25.87	-15 58.0	18.5	-1.07	+ 0.1	2.8/12.4	30476
2003 EA ₃₂	2004 07 11.6	19 24.94	-13 39.5	19.1	-0.90	- 1.0	3.7/12.6	50178	2002 AY ₆₃	2004 07 11.8	19 25.88	-07 08.6	20.4	-0.74	- 4.1	4.0/14.3	48187
2003 DM ₁₅	2004 07 11.6	19 24.99	-30 52.1	20.1	-1.05	- 3.1	3.0/10.5	62442	2001 TC ₂₇	2004 07 11.8	19 25.91	+15 30.1	22.3	-0.85	- 0.3	9.9/16.8	46706
2000 XV ₃	2004 07 11.6	19 25.07	-37 31.5	19.2	-0.99	- 1.0	4.9/09.8	30434	2002 AF ₅₈	2004 07 11.8	19 25.93	-24 47.7	19.5	-0.88	+ 0.3	0.9/11.6	27383
1997 VQ ₈	2004 07 11.6	19 25.08	-35 22.8	20.1	-1.15	- 3.8	6.0/09.6	47718	2001 UF ₁₈₈	2004 07 11.9	19 25.86	-15 07.7	19.7	-0.98	- 4.4	2.8/12.9	33493
2001 UZ ₄₉	2004 07 11.6	19 25.10	-17 21.7	18.1	-0.89	- 6.1	2.4/12.5	48136	2002 CD ₁₅₁	2004 07 11.9	19 25.90	-07 57.4	21.0	-0.93	- 4.5	5.0/13.9	48207
2000 EX ₁₂₂	2004 07 11.6	19 25.11	-12 07.7	19.1	-0.97	- 4.3	4.7/13.2	19548	2000 EM ₁₄₉	2004 07 11.9	19 25.90	-24 17.4	18.9	-1.14	- 3.1	1.1/11.6	50466
2003 ED ₃₇	2004 07 11.6	19 25.11	-37 54.0	18.9	-1.13	- 5.4	6.0/09.1	57914	2003 GC ₅₀	2004 07 11.9	19 25.90	-18 54.1	18.4	-0.88	+ 0.9	1.1/12.2	50761
2000 RN ₇₉	2004 07 11.7	19 25.03	-02 02.2	19.4	-0.89	+ 0.5	7.3/13.7	50487	2001 UF ₈₃	2004 07 11.9	19 25.97	-26 33.3	20.2	-1.10	- 2.8	1.8/11.3	30516
2001 XX ₁₈₉	2004 07 11.7	19 25.04	-18 21.5	20.2	-0.81	- 2.6	1.2/12.2	48170	2001 WC ₃₉	2004 07 11.9	19 25.97	-26 15.0	17.8	-0.97	- 8.5	1.8/11.1	50576
2002 AH ₁₁₉	2004 07 11.7	19 25.07	-23 33.5	19.4	-0.83	- 2.3	0.4/11.5	27810	2000 UQ ₉₇	2004 07 11.9	19 25.99	-03 50.2	20.0	-0.78	+ 0.8	5.0/13.7	9856
2001 XU ₂₀₇	2004 07 11.7	19 25.09	-17 12.1	20.2	-1.00	- 3.3	2.0/12.3	48172	2001 VA ₁₁₃	2004 07 11.9	19 26.04	-30 56.3	19.2	-1.09	- 2.3	3.6/10.8	48154
1997 SS ₂	2004 07 11.7	19 25.11	-26 08.8	19.0	-1.07	- 2.1	2.0/11.2	46332	2000 RD ₇₇	2004 07 11.9	19 26.06	-11 33.8	16.4	-1.26	+13.1	4.7/11.4	8493
1988 TV ₂	2004 07 11.7	19 25.17	-19 50.2	18.5	-1.11	+ 0.1	1.0/11.9	47681	2000 DN ₅₈	2004 07 11.9	19 26.09	-19 39.8	19.3	-1.06	- 1.7	1.1/12.2	47857
2003 AA ₇₄	2004 07 11.7	19 25.17	-38 21.6	19.1	-1.21	- 2.5	5.9/09.7	48314	2001 XM ₁₄₄	2004 07 11.9	19 26.11	-23 53.1	20.2	-0.98	- 4.2	0.7/11.7	48168
2003 DE ₂	2004 07 11.7	19 25.19	-24 46.7	18.2	-1.09	+ 4.4	1.2/11.6	50746	2001 WJ ₄₁	2004 07 11.9	19 26.18	-21 49.5	18.3	-0.99	- 8.1	0.0/12.0	30556
2000 RF ₄₉	2004 07 11.7	19 25.20	-13 54.9	17.3	-1.03	+ 4.9	3.7/12.0	25142	2001 UA ₄	2004 07 11.9	19 26.19	-19 21.1	19.9	-1.07	- 2.4	1.1/12.3	46776
1999 RT ₁₄₉	2004 07 11.7	19 25.23	-42 31.4	18.2	-1.12	+ 3.4	8.3/10.4	50418	2001 SV ₅₇	2004 07 11.9	19 26.21	-10 21.4	19.3	-1.03	- 0.6	5.3/13.1	23721
2003 GB ₂₁	2004 07 11.7	19 25.24	-35 21.5	18.7	-0.94	- 4.9	4.8/09.5	47519	1995 YO ₁₈	2004 07 11.9	19 26.26	-16 26.7	20.5	-0.83	- 2.0	1.7/12.7	50374
2000 GP ₄₂	2004 07 11.7	19 25.27	-37 18.1	19.1	-1.26	- 1.8	6.6/09.8	47878	2000 SG ₄₈	2004 07 11.9	19 26.27	-06 49.3	19.7	-0.88	- 0.1	5.3/13.5	47944
2001 YY ₁₃₇	2004 07 11.7	19 25.28	-39 35.6	19.7	-0.97	- 4.7	5.3/08.8	47113	2001 WN ₃₄	2004 07 11.9	19 26.30	-14 19.4	20.5	-0.90	- 2.7	2.6/13.0	46938
2000 RB ₂₈	2004 07 11.7	19 25.30	-03 32.4	19.5	-0.86	- 0.3	7.2/13.9	47933	2001 WY ₄₂	2004 07 12.0	19 26.27	-32 21.1	19.0	-1.09	- 4.0	4.4/10.5	50576
2000 SZ ₁₃₆	2004 07 11.7	19 25.31	+01 57.6	18.5	-0.82	+ 0.4	10.6/14.2	10983	2001 UD ₃₄	2004 07 12.0	19 26.28	-17 47.9	18.0	-1.01	- 5.4	1.8/12.7	48135
2001 UB ₉₉	2004 07 11.7	19 25.32	-27 38.2	19.9	-1.09	- 3.6	2.2/11.0	46811	2001 XB ₁₂₆	2004 07 12.0	19 26.29	-12 52.4	20.6	-0.92	- 1.1	3.4/13.0	48167
2001 EA ₁₇	2004 07 11.7	19 25.32	-67 11.2	19.5	-2.65	+ 2.2	21.8/06.7	50526	2002 AG ₄₀	2004 07 12.0	19 26.31	-15 15.4	19.1	-0.78	- 3.9	2.0/13.1	30608
2001 TO ₂₅	2004 07 11.7	19 25.38	-24 38.1	19.0	-1.06	+ 0.3	1.1/11.5	50561	2002 BM ₂₉	2004 07 12.0	19 26.32	-30 25.0	18.4	-1.00	- 6.4	3.1/10.5	48197
2000 RQ ₇₉	2004 07 11.7	19 25.39	-02 53.2	19.9	-0.91	- 0.3	6.9/13.6	29302	2000 OS ₁₇	2004 07 12.0	19 26.32	-33 47.5	17.7	-1.17	+ 2.9	4.5/11.3	47904
2001 XB ₅	2004 07 11.7	19 25.39	-24 40.5	20.7	-0.96	- 5.1	0.8/11.3	30560	1999 AS ₄	2004 07 12.0	19 26.38	-21 02.8	17.6	-1.00	- 6.6	0.3/12.2	50401
2003 AR ₅₇	2004 07 11.7	19 25.43	-25 27.7	19.1	-1.06	- 2.8	1.3/11.3	50734	2002 BJ ₁₄	2004 07 12.0	19 26.39	-30 21.9	19.8	-0.97	+ 0.7	2.6/11.2	27820

2000 PG ₂₀	2004 07 12.0	19 26.44 -12 29.0 17.8	-0.85 -10.5	4.2/14.2	46423	2001 XF ₁₆	2004 07 12.2	19 27.56 -16 28.5 18.9	-0.89 + 2.6	1.6/12.7	48159
2001 TW ₁₁₀	2004 07 12.0	19 26.47 -22 03.5 19.3	-1.15 - 1.2	0.0/12.0	30485	2003 FO ₁₅	2004 07 12.2	19 27.58 -41 06.7 20.2	-1.07 - 1.6	6.3/09.8	50754
2000 XL ₄	2004 07 12.0	19 26.51 -26 19.7 19.2	-0.90 + 0.7	1.4/11.6	47995	2000 QF ₂₃₂	2004 07 12.3	19 27.48 -12 28.5 19.6	-0.87 - 1.9	3.7/13.5	46451
2003 FV ₇₁	2004 07 12.0	19 26.53 -14 35.3 21.5	-0.89 - 2.5	2.3/13.0	47440	2000 SA ₁₃₀	2004 07 12.3	19 27.49 -05 46.0 18.5	-0.97 + 1.6	6.5/13.4	13758
2000 QK ₂₁₉	2004 07 12.0	19 26.54 -21 48.9 19.0	-0.97 - 4.0	0.0/12.1	27689	2002 CD ₁₆₀	2004 07 12.3	19 27.50 -23 59.5 20.5	-0.81 - 4.6	0.6/12.0	33962
2000 GB ₁₃₃	2004 07 12.0	19 26.54 -13 20.4 18.4	-0.86 - 1.0	4.5/13.1	47883	2000 ST ₁₀	2004 07 12.3	19 27.50 -44 15.9 20.9	-1.02 - 0.7	5.8/09.5	47940
2001 XM ₂₀₉	2004 07 12.0	19 26.58 -24 12.8 19.4	-0.98 - 5.8	0.8/11.7	30585	2000 KU ₄₂	2004 07 12.3	19 27.54 -34 54.6 19.8	-1.08 - 4.7	6.3/10.1	23550
2001 VN ₁₂₁	2004 07 12.0	19 26.60 -12 24.5 19.6	-0.96 - 2.5	3.6/13.3	46920	2000 WY ₁₁₁	2004 07 12.3	19 27.56 -34 55.7 19.9	-0.92 - 2.5	4.0/10.4	47991
2001 YJ ₁₁₇	2004 07 12.0	19 26.62 -23 45.2 19.2	-0.91 + 1.0	0.6/11.9	30600	2000 WK ₆₂	2004 07 12.3	19 27.66 -26 27.1 19.5	-0.85 - 5.6	1.3/11.5	47989
2000 DW ₁	2004 07 12.0	19 26.65 -20 05.6 19.2	-1.04 - 3.3	1.0/12.3	41603	2003 EW ₂	2004 07 12.3	19 27.67 -07 29.9 19.2	-0.85 - 4.6	5.3/14.8	50748
2001 SL ₃₄	2004 07 12.0	19 26.66 -18 01.6 19.7	-1.03 - 2.6	1.5/12.6	48086	1997 NF ₃	2004 07 12.3	19 27.73 -27 23.3 18.2	-1.07 - 4.5	2.7/11.5	47713
2001 QD ₂₀₆	2004 07 12.0	19 26.69 -26 19.1 20.0	-1.11 - 1.4	1.6/11.6	50546	2001 VR ₈₅	2004 07 12.3	19 27.75 -19 28.0 19.5	-0.97 - 0.9	0.8/12.6	30546
2001 WJ ₃₈	2004 07 12.0	19 26.69 -25 23.8 17.8	-1.00 - 7.1	1.5/11.5	46942	2000 TG ₁₀	2004 07 12.3	19 27.75 -20 26.5 21.3	-0.82 - 2.0	0.4/12.6	29425
2000 SF ₉₁	2004 07 12.0	19 26.71 -12 08.3 18.8	-0.96 + 2.7	4.1/12.8	50490	2001 UP ₁₁₃	2004 07 12.3	19 27.76 -42 29.2 18.6	-1.17 - 4.4	10.0/08.9	48140
2001 UK ₈₄	2004 07 12.1	19 26.68 -30 55.2 18.0	-1.10 - 0.3	4.0/11.2	48139	2001 WQ ₂₈	2004 07 12.3	19 27.77 -20 55.2 20.1	-1.03 - 3.2	0.4/12.5	48157
2000 SQ ₂₈₄	2004 07 12.1	19 26.68 -28 14.6 19.0	-0.94 + 0.5	2.0/11.5	47965	2000 ER ₄₈	2004 07 12.3	19 27.77 -23 24.6 19.2	-1.04 - 1.6	0.7/12.2	47863
2001 VW ₂₇	2004 07 12.1	19 26.71 -27 21.4 19.5	-1.10 - 3.1	2.3/11.4	46873	1999 ES ₁₁	2004 07 12.3	19 27.79 -10 04.0 16.8	-1.04 -25.4	5.2/16.3	50405
2001 YM ₂₂	2004 07 12.1	19 26.72 -19 14.5 18.9	-0.93 - 0.4	1.0/12.4	47079	2001 SG ₁₆₄	2004 07 12.3	19 27.79 -24 15.5 20.7	-1.13 - 1.9	0.9/12.1	48100
2001 RM ₂₅	2004 07 12.1	19 26.74 -26 10.0 19.6	-1.14 - 0.6	1.8/11.7	50549	1992 EE ₉	2004 07 12.3	19 27.79 -26 36.4 19.2	-0.88 - 2.2	1.6/11.7	62210
2000 WD ₄₇	2004 07 12.1	19 26.74 -26 40.4 20.4	-0.87 - 4.3	1.5/11.4	9872	2001 SG ₄₀	2004 07 12.3	19 27.80 -27 06.5 19.8	-1.12 - 3.7	2.1/11.6	48087
2000 WV ₁₅₃	2004 07 12.1	19 26.83 -15 14.2 17.3	-0.96 + 3.3	2.6/12.5	47993	1999 JM ₂₄	2004 07 12.3	19 27.81 -15 05.2 19.2	-0.92 - 1.1	2.4/13.2	50408
2003 EG ₃₅	2004 07 12.1	19 26.87 -35 49.7 20.5	-1.01 + 0.6	4.2/10.8	50751	2000 SQ ₂₄₃	2004 07 12.3	19 27.82 -26 31.2 19.7	-0.97 - 0.9	1.7/11.8	33270
2002 YC ₈	2004 07 12.1	19 26.89 -13 18.9 19.7	-1.05 - 1.1	3.5/13.1	50728	2001 VY ₄₆	2004 07 12.3	19 27.82 -34 11.8 18.9	-1.09 - 6.0	4.2/10.2	30539
1998 TB ₁₈	2004 07 12.1	19 26.91 -17 03.8 18.0	-0.86 - 3.2	2.9/12.8	47752	2000 WO ₁₈₇	2004 07 12.3	19 27.85 -10 54.9 17.9	-1.05 + 8.4	5.4/12.3	18305
2003 HW ₆	2004 07 12.1	19 26.95 -19 21.0 19.6	-0.94 - 2.1	1.0/12.5	62445	2001 SP ₂₈₁	2004 07 12.3	19 27.87 -10 33.2 18.8	-1.01 + 1.9	5.6/13.2	30469
2000 VZ ₁₂	2004 07 12.1	19 26.98 -39 12.7 19.8	-1.09 - 5.1	6.3/09.0	46512	2001 XF ₁₁₀	2004 07 12.3	19 27.90 -25 16.2 19.9	-1.12 - 5.3	1.4/11.9	30576
2003 EE ₅₇	2004 07 12.1	19 27.00 -30 07.4 20.7	-0.99 - 5.0	2.6/10.9	50752	2001 UR ₃₄	2004 07 12.3	19 27.90 -28 19.7 18.4	-1.13 - 6.5	2.9/11.3	30509
2002 YH ₁	2004 07 12.1	19 27.00 -22 37.4 19.0	-1.11 - 0.9	0.3/12.1	50727	2001 TJ ₁₀₉	2004 07 12.3	19 27.92 -29 02.5 18.7	-1.12 - 0.3	2.8/11.6	48122
2001 XY ₆	2004 07 12.1	19 27.03 -13 29.8 18.2	-1.19 + 6.2	2.9/12.4	23943	2001 SB ₁₁₂	2004 07 12.3	19 27.95 -30 06.4 19.5	-1.14 - 1.0	3.0/11.4	48094
2001 TM ₁₉₅	2004 07 12.1	19 27.03 -03 56.7 19.7	-0.91 - 6.4	7.7/15.5	50565	2001 TA ₁₃₅	2004 07 12.3	19 27.96 -11 44.9 19.4	-1.01 + 0.5	3.8/13.4	50564
2002 CO ₄₉	2004 07 12.1	19 27.05 -29 41.3 18.7	-1.07 - 3.3	2.7/11.1	29783	2001 VV ₁₉	2004 07 12.3	19 27.97 -13 29.4 19.4	-0.92 - 0.9	2.8/13.4	48148
2000 NJ ₁₉	2004 07 12.1	19 27.07 -21 24.9 18.4	-0.94 + 0.1	0.3/12.2	4960	2000 KX ₆₇	2004 07 12.3	19 27.97 -21 01.8 18.2	-1.02 -10.5	0.4/12.6	2791
2000 HG ₇₉	2004 07 12.1	19 27.08 -54 17.8 18.0	-1.44 -11.3	15.2/03.4	1637	2000 SL ₁₇₉	2004 07 12.4	19 27.97 -37 25.3 18.2	-1.02 - 1.3	5.2/10.4	47956
2001 TH ₄₉	2004 07 12.1	19 27.12 -15 14.3 19.3	-1.05 + 0.3	2.9/12.8	48117	2000 UA ₉₅	2004 07 12.4	19 27.98 -16 42.0 18.6	-0.84 + 0.5	1.7/13.0	47982
2002 AV ₁₅₁	2004 07 12.1	19 27.13 -09 07.2 18.7	-0.80 - 7.9	4.1/14.8	27812	2001 YY ₆₅	2004 07 12.4	19 27.98 -21 22.3 19.4	-0.94 - 0.2	0.2/12.5	25507
2001 TK ₈₂	2004 07 12.1	19 27.14 -28 47.0 18.6	-1.13 + 2.0	3.4/11.7	26012	2001 XW ₁₉₅	2004 07 12.4	19 28.01 -15 46.3 19.4	-0.98 -10.6	2.1/13.7	27790
2002 AD ₈₈	2004 07 12.2	19 27.07 -21 49.4 20.6	-0.82 - 3.2	0.0/12.2	47141	2000 JS	2004 07 12.4	19 28.03 -22 14.1 19.4	-1.09 - 1.7	0.1/12.4	41645
2001 SD ₁₀₅	2004 07 12.2	19 27.10 -19 51.3 18.8	-1.07 - 0.2	0.8/12.4	25971	2001 YL ₇₉	2004 07 12.4	19 28.04 -25 37.4 19.9	-0.85 - 2.1	1.1/11.9	47093
2001 RT ₄₅	2004 07 12.2	19 27.10 -33 52.9 20.4	-1.17 - 2.9	4.5/10.6	46586	2000 UH ₁₀₁	2004 07 12.4	19 28.12 -38 14.3 18.5	-1.08 - 3.6	7.1/09.7	46511
1995 SA ₃₇	2004 07 12.2	19 27.13 -21 28.1 19.3	-0.90 - 1.6	0.2/12.3	62214	2001 UU ₂₀₅	2004 07 12.4	19 28.13 -42 03.1 18.4	-1.17 - 2.5	8.0/09.7	50572
2002 BF ₄	2004 07 12.2	19 27.18 -42 58.6 20.5	-1.03 - 1.0	5.7/09.6	30630	2003 FL ₉₄	2004 07 12.4	19 28.14 -10 39.3 20.6	-0.77 - 3.6	3.3/14.2	47469
2000 WY ₁₂₉	2004 07 12.2	19 27.29 -39 36.8 19.9	-0.97 - 1.2	4.7/09.9	29580	2000 PF ₁₈	2004 07 12.4	19 28.14 -23 30.3 18.6	-1.02 - 1.7	0.6/12.3	47908
2003 BY ₅₄	2004 07 12.2	19 27.29 -18 55.4 19.8	-1.07 - 3.5	1.3/12.7	48320	2001 SG ₃₅	2004 07 12.4	19 28.17 -20 53.9 19.9	-1.16 - 3.8	0.5/12.6	62358
2000 UH ₃₅	2004 07 12.2	19 27.33 -35 45.3 20.9	-0.97 - 2.3	4.4/10.3	47977	2001 VQ ₉₉	2004 07 12.4	19 28.24 -28 07.4 17.8	-1.06 -11.5	2.4/11.1	50574
2001 WD ₁₄	2004 07 12.2	19 27.34 -14 52.2 19.5	-0.96 - 3.4	2.5/13.2	27781	2001 SE ₂₂₁	2004 07 12.4	19 28.26 -22 00.7 19.2	-1.03 - 2.4	0.0/12.5	48104
1992 SJ ₂₆	2004 07 12.2	19 27.46 -36 45.0 18.0	-1.14 - 4.0	6.1/09.8	47685	2003 ER ₄₀	2004 07 12.4	19 28.28 -01 48.1 19.8	-0.75 - 3.9	5.7/15.9	47367
2001 UK ₁₀	2004 07 12.2	19 27.46 -33 01.2 20.4	-1.03 - 1.9	3.5/10.9	46780	2003 BG ₆₃	2004 07 12.4	19 28.29 -06 37.9 20.3	-0.87 - 5.0	5.0/15.1	48321
2000 FE ₆	2004 07 12.2	19 27.50 -35 09.9 18.6	-1.06 - 2.4	7.1/10.3	23521	2001 UK ₄₀	2004 07 12.4	19 28.30 -18 18.6 21.3	-1.01 - 2.7	1.3/12.9	48136
2001 QR ₂₈	2004 07 12.2	19 27.54 -27 16.4 18.8	-1.15 - 2.5	2.2/11.6	48048	2001 SB ₄₈	2004 07 12.4	19 28.30 -26 40.7 20.1	-1.12 - 3.6	1.9/11.8	48088
2003 EK ₂₃	2004 07 12.2	19 27.54 -20 50.8 18.7	-0.91 - 4.0	0.4/12.5	50750	2001 XP ₁₈₇	2004 07 12.4	19 28.32 -22 41.9 19.3	-0.98 - 4.8	0.3/12.4	27334
2002 CT ₁₂₇	2004 07 12.2	19 27.54 -19 57.8 19.0	-0.86 - 1.1	0.6/12.5	30665	2000 WL ₆₈	2004 07 12.4	19 28.34 -22 38.6 19.1	-0.86 - 1.9	0.3/12.4	47989

2001 XO ₃₃	2004 07 12.4	19 28.34 -27 03.1 18.7	-1.02 - 2.4	1.9/11.8	50577
2001 RD ₉₅	2004 07 12.4	19 28.36 -13 12.7 19.7	-1.09 - 1.5	3.9/13.4	25949
1998 BL ₁₇	2004 07 12.4	19 28.38 -30 17.9 19.0	-1.04 - 0.1	3.0/11.6	30259
2001 VV ₁₁₆	2004 07 12.5	19 28.29 -29 18.1 20.2	-0.98 - 2.6	2.5/11.5	50575
2000 UP ₂₃	2004 07 12.5	19 28.33 +01 10.2 17.9	-0.80 - 0.3	10.5/15.0	47976
2003 BG ₂₇	2004 07 12.5	19 28.34 -27 32.7 17.8	-1.12 + 4.3	2.4/12.2	50739
2000 SU ₃₆₃	2004 07 12.5	19 28.38 -11 41.5 18.1	-0.76 -10.4	5.1/14.9	46500
2000 SM ₁₆₈	2004 07 12.5	19 28.39 -04 50.0 18.6	-0.88 + 0.8	6.7/14.1	47955
2000 QQ ₁₅₅	2004 07 12.5	19 28.39 -22 52.6 19.3	-1.09 + 2.0	0.4/12.4	29258
2001 SQ ₁₄₆	2004 07 12.5	19 28.40 -15 06.3 18.2	-0.90 - 2.9	3.7/13.5	48099
1999 RT ₆₇	2004 07 12.5	19 28.42 -43 00.5 19.5	-1.12 + 1.8	6.3/10.5	47789
2000 SF ₈₉	2004 07 12.5	19 28.43 -30 03.2 17.9	-1.10 + 2.5	2.9/11.9	27707
2001 XE ₇₀	2004 07 12.5	19 28.45 -24 33.1 20.4	-0.97 - 3.5	0.9/12.1	46989
2002 CA ₅₁	2004 07 12.5	19 28.47 -12 51.1 19.9	-0.80 - 4.0	2.9/14.0	29784
2001 UC ₃₆	2004 07 12.5	19 28.48 -19 38.0 19.6	-1.03 - 4.9	0.8/12.9	30509
2001 TX ₁₀₀	2004 07 12.5	19 28.50 -03 44.3 19.6	-0.87 - 1.5	6.1/15.0	50563
2000 SG ₂₉₂	2004 07 12.5	19 28.52 -35 52.1 21.4	-0.89 - 1.9	3.4/10.6	47965
2001 SP ₃₁₉	2004 07 12.5	19 28.53 -29 18.5 18.7	-1.01 - 1.6	4.1/11.6	26000
2001 YE ₁₀₈	2004 07 12.5	19 28.59 -16 19.0 19.4	-1.00 - 1.7	2.1/13.2	47101
2003 BK ₃₄	2004 07 12.5	19 28.61 -22 45.1 19.8	-1.09 - 1.4	0.4/12.5	50739
2001 UF ₂₅	2004 07 12.5	19 28.61 -23 27.2 18.9	-1.09 + 0.1	0.6/12.4	30507
2003 FN ₁₁₄	2004 07 12.5	19 28.68 +01 21.4 19.8	-0.87 - 1.3	8.6/15.5	50758
2001 WS ₉₀	2004 07 12.5	19 28.69 -27 24.0 20.3	-1.04 - 1.3	1.9/11.9	26063
2001 SC ₄₉	2004 07 12.5	19 28.71 -36 38.5 18.9	-1.23 - 3.6	6.2/10.3	48088
2000 WA ₁₅₅	2004 07 12.5	19 28.73 -43 33.8 19.0	-1.04 - 1.0	6.2/09.7	30432
2003 FE	2004 07 12.5	19 28.73 -06 10.2 17.9	-0.81 - 9.7	5.2/16.2	50753
2001 XW ₅₀	2004 07 12.6	19 28.73 -20 55.8 20.7	-0.99 - 2.1	0.4/12.7	48162
2001 XW ₅₄	2004 07 12.6	19 28.74 -21 43.9 18.8	-1.02 - 1.8	0.1/12.6	48162
2003 AR ₃₀	2004 07 12.6	19 28.74 -21 50.3 19.0	-1.14 + 0.4	0.0/12.6	41423
2000 SD ₂₆₀	2004 07 12.6	19 28.78 -25 32.9 19.3	-0.95 - 4.4	1.5/12.0	47963
1981 EE ₆	2004 07 12.6	19 28.79 -16 13.6 18.9	-0.95 + 0.5	2.3/13.2	47679
1998 FS ₁₄₀	2004 07 12.6	19 28.81 -08 04.9 21.0	-0.84 - 1.9	4.2/14.4	49647
1981 EC ₃₁	2004 07 12.6	19 28.83 -40 52.4 19.8	-1.16 - 0.3	6.3/10.5	47680
1995 HQ ₃	2004 07 12.6	19 28.83 -19 22.9 20.2	-0.95 - 3.0	0.9/13.0	23429
2000 SJ ₁₇₀	2004 07 12.6	19 28.84 -37 14.0 18.5	-1.00 - 2.0	4.9/10.5	47955
2001 YE ₈₅	2004 07 12.6	19 28.84 -26 18.0 19.4	-0.94 - 3.5	1.6/12.0	48179
2001 UK ₈	2004 07 12.6	19 28.85 -24 26.2 20.6	-1.05 - 3.2	0.9/12.3	30504
2001 RT ₉₁	2004 07 12.6	19 28.90 -18 01.1 19.6	-1.07 - 3.1	1.6/13.1	48077
2000 QL ₈₄	2004 07 12.6	19 28.91 -31 52.6 17.6	-1.14 + 3.2	4.5/11.9	47918
2000 QV ₁₃	2004 07 12.6	19 28.99 -15 44.7 18.3	-0.89 - 6.1	2.6/13.7	42931
2001 XA ₈₀	2004 07 12.6	19 29.10 -15 06.1 19.7	-0.97 - 4.6	2.8/13.7	46994
2001 UY ₁₆₇	2004 07 12.6	19 29.12 -27 24.4 19.5	-1.22 + 0.5	2.4/12.2	23892
2003 EC ₃₃	2004 07 12.6	19 29.12 -21 31.5 19.8	-0.92 - 2.7	0.1/12.7	47358
2002 CR ₁₃₅	2004 07 12.6	19 29.16 -24 38.8 19.4	-0.89 + 1.0	0.9/12.4	35571
2001 YK ₁₂₆	2004 07 12.6	19 29.17 -24 54.8 20.0	-0.99 - 1.0	1.0/12.3	30601
2001 YA ₄₈	2004 07 12.6	19 29.18 -25 00.6 19.2	-0.93 - 2.9	1.1/12.3	48176
2001 RU ₁₃	2004 07 12.7	19 29.16 -28 24.3 19.3	-1.13 - 0.9	2.5/12.0	50549
1996 FQ ₁₃	2004 07 12.7	19 29.17 -11 07.4 20.7	-0.95 - 4.3	4.7/14.4	60478
2000 QK ₁₄₁	2004 07 12.7	19 29.19 -31 23.3 19.5	-1.07 - 2.9	4.1/11.3	46439
2003 BJ ₄₇	2004 07 12.7	19 29.26 -23 30.0 18.3	-1.26 + 6.7	0.6/12.7	50740
1218 T-1	2004 07 12.7	19 29.27 -28 13.8 18.7	-1.17 - 0.7	3.0/12.1	41950

2000 XM ₃₀	2004 07 12.7	19 29.29 -32 00.0 18.7	-0.97 + 0.2	3.7/11.6	29616
2001 TR ₄₄	2004 07 12.7	19 29.30 -31 32.7 19.8	-1.11 - 1.4	3.2/11.5	30475
2000 PX ₇	2004 07 12.7	19 29.30 -34 39.0 19.0	-1.09 + 0.6	4.3/11.4	30361
2000 QP ₂₂₃	2004 07 12.7	19 29.31 -20 14.5 19.2	-0.92 - 4.6	0.7/13.0	47930
1999 FH ₃	2004 07 12.7	19 29.33 -18 27.9 20.2	-0.95 - 2.4	1.2/13.2	47772
2000 RN ₁₈	2004 07 12.7	19 29.34 -22 35.0 17.7	-1.10 + 0.4	0.3/12.7	47932
2001 WO ₆₁	2004 07 12.7	19 29.35 -22 06.3 20.6	-0.93 - 1.5	0.1/12.7	46949
2001 UN ₅₂	2004 07 12.7	19 29.42 -18 58.5 20.4	-1.05 - 2.2	1.1/13.1	30512
2000 WM ₁₄₃	2004 07 12.7	19 29.45 -18 20.6 19.7	-0.85 - 7.3	1.0/13.4	11005
2001 US ₄₈	2004 07 12.7	19 29.48 -26 20.9 19.8	-1.12 - 3.6	1.9/12.1	30511
2001 VJ ₇₉	2004 07 12.7	19 29.49 -15 43.8 19.6	-0.97 - 0.5	2.4/13.4	46900
2003 EN ₂₂	2004 07 12.7	19 29.50 -10 14.4 19.1	-0.85 - 4.3	4.2/14.7	47340
2003 CR ₁₉	2004 07 12.7	19 29.55 -43 43.2 19.1	-1.15 - 2.0	8.3/09.9	50745
2003 FP ₇₂	2004 07 12.7	19 29.56 -40 30.1 19.9	-1.04 - 3.9	6.6/09.7	50756
2000 ST ₃	2004 07 12.7	19 29.57 -33 19.7 18.9	-1.03 - 4.0	3.9/10.9	47939
2000 ST ₁₄₂	2004 07 12.7	19 29.59 -38 44.1 18.8	-1.11 + 0.4	6.2/10.9	30394
2001 TN ₂₁₉	2004 07 12.8	19 29.56 -29 22.2 20.3	-1.07 - 2.3	2.9/11.8	46773
2000 SO ₂₆₂	2004 07 12.8	19 29.59 -15 25.7 20.2	-0.88 - 2.8	2.3/13.7	47963
2000 UV ₉₄	2004 07 12.8	19 29.60 -15 27.5 19.3	-0.88 + 0.9	2.3/13.4	29485
2000 SJ ₁₁₉	2004 07 12.8	19 29.61 -38 41.3 18.4	-1.03 - 3.0	7.2/10.1	47951
2001 UD ₁₅₁	2004 07 12.8	19 29.62 -30 38.0 20.4	-1.10 - 5.2	3.7/11.4	30524
2000 ST ₁₅₂	2004 07 12.8	19 29.66 -21 09.9 19.4	-0.87 - 1.8	0.2/12.9	50492
2001 XC ₃₄	2004 07 12.8	19 29.67 -23 42.9 19.9	-0.99 + 0.9	0.6/12.7	23951
2003 BW ₂₀	2004 07 12.8	19 29.68 -25 42.5 20.3	-1.06 - 2.8	1.4/12.3	48317
1999 CD ₉₂	2004 07 12.8	19 29.68 -27 21.6 19.8	-1.10 - 2.7	2.0/12.1	23476
1995 YU ₆	2004 07 12.8	19 29.69 -10 37.8 19.6	-0.85 - 0.2	4.1/14.1	47701
2003 GN ₃₃	2004 07 12.8	19 29.72 -18 41.1 20.5	-0.80 - 1.9	1.0/13.3	47527
2000 WD ₁₉	2004 07 12.8	19 29.75 -26 05.8 18.9	-0.87 - 4.6	1.2/12.1	50504
2001 TK ₇₀	2004 07 12.8	19 29.76 -28 45.5 19.0	-1.10 - 4.0	2.8/11.8	46726
2003 AN ₇₈	2004 07 12.8	19 29.82 -21 34.4 18.7	-1.06 + 3.6	0.1/12.9	50736
2000 OQ ₁₃	2004 07 12.8	19 29.82 -16 09.3 18.4	-0.87 - 3.9	2.7/13.7	43374
2002 CE ₂₆₃	2004 07 12.8	19 29.83 -36 35.6 21.1	-0.95 - 3.2	4.1/10.6	48212
2002 EX ₂₈	2004 07 12.8	19 29.83 -41 25.3 21.8	-1.01 - 0.8	5.1/10.3	29967
2001 XX ₁₁₇	2004 07 12.8	19 29.84 -28 08.1 18.7	-1.08 - 0.4	2.4/12.2	48167
1998 DV ₂₅	2004 07 12.8	19 29.86 -30 03.4 19.9	-1.02 - 1.4	3.2/11.8	23449
1999 TJ ₁₁₅	2004 07 12.8	19 29.87 -20 24.9 18.2	-0.85 - 0.3	0.5/13.0	47806
2003 FN ₁₁₇	2004 07 12.8	19 29.87 -23 14.5 20.1	-0.96 - 4.2	0.5/12.7	50184
2001 QE ₁₅₀	2004 07 12.8	19 29.93 -25 59.0 19.7	-1.10 - 4.4	1.6/12.3	50545
2000 KR ₈	2004 07 12.8	19 29.94 -26 04.3 18.1	-0.89 - 4.4	2.2/12.2	22174
2001 XS ₂₁	2004 07 12.8	19 29.95 -26 55.0 20.0	-0.98 - 0.5	1.6/12.3	26066
2001 SB ₁₄₆	2004 07 12.8	19 30.01 -24 26.1 19.7	-1.08 - 1.5	1.1/12.6	50556
2001 XD ₁₈₀	2004 07 12.9	19 29.91 -15 59.9 21.5	-0.92 - 0.9	1.9/13.6	48170
1999 BT ₂	2004 07 12.9	19 29.93 -42 07.8 20.6	-1.36 + 2.0	6.3/11.2	47763
2001 VV ₉₆	2004 07 12.9	19 29.96 -12 42.3 18.8	-0.87 - 5.2	3.0/14.5	35567
2000 QH ₇₆	2004 07 12.9	19 29.97 -15 33.7 18.5	-0.86 - 2.1	2.9/13.8	47917
5400 T-3	2004 07 12.9	19 29.97 -25 36.3 20.3	-1.08 - 5.9	1.9/12.3	30232
2003 BM ₆₆	2004 07 12.9	19 30.02 -19 48.6 20.0	-0.96 - 3.1	0.8/13.2	50175
2001 WX ₇₀	2004 07 12.9	19 30.04 -18 50.3 21.5	-0.92 - 2.2	1.0/13.3	46951
2001 XO ₂	2004 07 12.9	19 30.08 -57 15.4 19.6	-1.58 + 0.5	12.8/08.3	48159
2000 LK ₁₆	2004 07 12.9	19 30.16 -04 45.2 16.6	-0.82 +10.5	9.8/12.3	8474
2001 WD ₁₅	2004 07 12.9	19 30.20 -20 07.9 19.6	-0.94 - 1.7	0.6/13.2	48156

2003 FB ₁₀	2004 07 12.9	19 30.21 -21 59.4 18.0	-0.83 - 3.1	0.1/12.9	56746	2000 SH ₁₇₁	2004 07 13.2	19 31.20 -03 29.7 20.0	-0.79 - 0.8	5.7/15.5	50492
2001 YG ₁₅₀	2004 07 12.9	19 30.29 -34 20.5 16.8	-0.96 - 2.5	6.2/11.2	62385	2001 YS ₆	2004 07 13.2	19 31.24 -03 24.4 19.0	-0.88 - 5.1	7.2/16.5	48175
2001 SS ₃₁₅	2004 07 12.9	19 30.29 -21 45.7 18.1	-1.15 + 3.1	0.0/13.0	26000	2003 FB ₁₀₈	2004 07 13.2	19 31.28 +14 04.0 18.5	-0.76 - 1.2	12.0/19.7	50758
2000 YW ₁₂₂	2004 07 12.9	19 30.33 +08 34.6 19.9	-0.79 + 1.9	8.4/15.8	18309	2000 GY ₈₀	2004 07 13.2	19 31.34 -32 11.1 17.6	-1.03 - 3.3	5.3/11.7	20769
2001 SF ₂₁₇	2004 07 12.9	19 30.33 -25 56.7 19.6	-1.05 - 2.3	1.5/12.5	48104	2001 TY ₁₆₉	2004 07 13.2	19 31.34 -22 39.4 18.9	-0.95 - 0.2	0.3/13.1	46760
2001 RY ₈₅	2004 07 12.9	19 30.34 -26 32.8 18.9	-0.98 - 1.4	2.6/12.4	48076	2003 EY ₅₃	2004 07 13.2	19 31.34 +15 48.2 21.8	-0.74 - 2.8	8.8/21.0	48339
2001 QB ₂₄₄	2004 07 12.9	19 30.34 -32 02.6 18.7	-1.15 - 0.9	4.1/11.8	50547	1998 BF ₂₃	2004 07 13.2	19 31.36 -27 36.6 20.2	-0.96 - 1.0	1.7/12.5	47722
1991 VP ₈	2004 07 12.9	19 30.35 -26 39.8 19.8	-1.06 - 4.6	2.5/12.2	25674	2003 EY ₂₀	2004 07 13.2	19 31.41 -10 07.4 18.9	-0.90 - 4.6	4.7/15.1	47336
2002 AH ₃	2004 07 12.9	19 30.40 -07 58.0 19.6	-0.85 - 2.3	5.0/15.0	48184	2002 CZ ₂₄₅	2004 07 13.2	19 31.42 +03 24.7 19.6	-0.73 - 4.8	7.6/18.1	48211
2000 QJ ₃₂	2004 07 12.9	19 30.41 -29 34.6 17.6	-0.97 - 8.4	3.3/11.4	47912	2003 BO ₆₃	2004 07 13.2	19 31.43 -23 09.2 18.1	-0.98 - 0.8	0.7/13.1	50741
2001 XC ₅₁	2004 07 12.9	19 30.41 -27 56.1 21.4	-0.99 - 3.4	2.1/12.1	30567	2002 CM ₂₅₂	2004 07 13.2	19 31.46 -14 54.1 20.1	-0.93 - 2.1	2.4/14.1	31972
2000 KD ₂	2004 07 13.0	19 30.34 +00 58.9 17.6	-0.99 -12.0	9.2/18.9	30355	2001 XJ ₅	2004 07 13.2	19 31.48 -40 20.3 18.8	-1.15 - 7.7	7.5/09.4	48159
2001 SF ₁₉₉	2004 07 13.0	19 30.41 -24 44.8 20.1	-1.06 - 2.6	1.1/12.6	50557	2000 QB ₁₆₇	2004 07 13.2	19 31.49 -20 11.7 19.9	-0.90 - 1.2	0.5/13.5	47925
2000 QB ₁₇₄	2004 07 13.0	19 30.41 -15 15.5 19.5	-0.93 - 1.2	2.4/13.8	47925	2002 AO ₆₁	2004 07 13.2	19 31.60 -29 37.3 20.2	-0.93 + 1.1	2.1/12.5	30611
1995 YS ₅	2004 07 13.0	19 30.42 -23 37.7 20.3	-0.85 - 2.8	0.6/12.8	47701	2001 UX ₁₇₃	2004 07 13.2	19 31.63 -27 05.4 19.0	-1.02 - 3.3	2.2/12.5	43145
2001 TR ₂₅	2004 07 13.0	19 30.45 -13 21.6 20.1	-1.01 - 0.5	3.3/13.9	46706	2001 QJ ₁₅₂	2004 07 13.3	19 31.55 -14 01.1 19.3	-1.02 - 3.9	3.2/14.4	46557
2000 RJ ₁₁	2004 07 13.0	19 30.46 -22 43.5 19.9	-0.85 - 2.5	0.3/12.9	47931	2001 SU ₁₅₆	2004 07 13.3	19 31.59 -15 02.9 19.1	-1.02 - 1.1	2.5/14.1	48099
2000 ES ₉₀	2004 07 13.0	19 30.46 -08 01.8 17.6	-0.93 - 2.1	7.0/15.0	62283	2003 FN ₈₀	2004 07 13.3	19 31.62 -20 22.5 19.2	-0.90 - 4.2	0.5/13.5	50756
9589 P-L	2004 07 13.0	19 30.47 -15 33.8 18.6	-0.91 - 2.8	2.6/13.9	48388	2001 WQ ₄₃	2004 07 13.3	19 31.62 -17 38.2 20.5	-0.95 - 2.3	1.5/13.9	48157
2001 TJ ₆₁	2004 07 13.0	19 30.50 -25 12.8 20.5	-1.13 - 3.3	1.4/12.6	30478	2001 WT ₅₇	2004 07 13.3	19 31.67 -17 01.9 21.2	-0.92 - 1.6	1.6/13.9	46949
2001 XE ₁₁	2004 07 13.0	19 30.54 -37 32.0 18.5	-1.18 + 1.9	6.2/11.7	48159	2001 XC ₉₀	2004 07 13.3	19 31.69 -41 57.9 20.3	-1.15 - 5.9	7.8/09.6	48165
2001 VX ₁₀₈	2004 07 13.0	19 30.54 -26 37.8 20.4	-0.99 - 1.8	1.7/12.4	48154	2000 WQ ₁₈₀	2004 07 13.3	19 31.70 -13 08.7 19.3	-0.80 - 0.3	2.7/14.3	47994
2001 UF ₁₆	2004 07 13.0	19 30.58 -21 25.8 19.8	-1.03 - 2.8	0.1/13.1	46784	2003 HN ₅₁	2004 07 13.3	19 31.71 -08 56.0 19.4	-0.78 - 3.3	4.3/15.3	50764
2002 VL ₉₂	2004 07 13.0	19 30.58 -29 35.7 20.4	-0.93 - 5.5	2.0/11.7	48299	2001 SQ ₆₇	2004 07 13.3	19 31.74 -09 32.7 19.2	-0.97 - 3.1	5.5/15.0	46627
1999 HE ₄	2004 07 13.0	19 30.63 -20 44.4 20.4	-0.95 - 2.2	0.4/13.2	47777	1997 ES ₂₆	2004 07 13.3	19 31.80 -23 12.2 20.7	-0.82 - 1.8	0.4/13.2	47710
2001 SJ ₄₇	2004 07 13.0	19 30.64 -32 46.4 19.1	-1.11 - 3.9	5.5/11.3	48088	2003 EG ₅₈	2004 07 13.3	19 31.83 -36 26.2 19.3	-0.97 - 0.8	5.1/11.6	48339
2001 UQ ₈₃	2004 07 13.0	19 30.64 -31 56.2 18.0	-1.07 - 5.3	4.5/11.3	50569	2001 SZ ₆₉	2004 07 13.3	19 31.96 -12 55.6 18.8	-0.97 - 4.9	4.0/14.8	48091
2001 SX ₁₂₂	2004 07 13.0	19 30.68 -23 37.7 19.1	-1.15 + 0.2	0.8/12.9	50555	2000 JM ₄	2004 07 13.3	19 31.97 -27 31.0 18.3	-0.96 - 3.7	2.9/12.5	23540
2001 SY ₂₅₆	2004 07 13.0	19 30.70 -05 42.2 20.7	-0.90 - 2.2	5.2/15.2	46677	2000 JN ₂₁	2004 07 13.3	19 31.98 -31 19.4 18.3	-1.07 - 0.9	4.7/12.3	19707
2002 AY ₁₇₀	2004 07 13.0	19 30.70 -21 42.6 18.8	-0.83 - 2.7	0.0/13.1	62386	2003 BW ₆₃	2004 07 13.3	19 32.04 -39 55.8 18.4	-1.21 + 0.8	6.5/11.6	50741
2001 QY ₁₃₂	2004 07 13.0	19 30.74 -11 18.1 17.8	-0.99 - 7.1	5.2/14.9	25919	2003 BF ₈₃	2004 07 13.4	19 32.00 -28 47.9 19.3	-1.04 - 2.7	2.7/12.5	43504
2000 PJ ₈	2004 07 13.0	19 30.80 -22 58.8 17.4	-1.36 + 8.9	0.5/13.1	25055	2001 XM ₁₅₄	2004 07 13.4	19 32.02 -16 47.6 18.0	-1.00 + 1.2	2.6/13.8	30580
2001 UH ₁₂₀	2004 07 13.1	19 30.74 -22 05.1 19.6	-0.95 - 3.1	0.1/13.1	46825	2001 RF ₃₄	2004 07 13.4	19 32.05 -22 32.3 18.3	-1.15 + 0.5	0.3/13.3	48071
2002 CZ ₅	2004 07 13.1	19 30.77 -04 36.8 20.0	-0.74 - 4.0	5.0/16.0	48197	2003 FH ₅₃	2004 07 13.4	19 32.09 -29 21.6 18.9	-1.04 - 5.8	2.8/12.1	47426
2002 EK ₁₃₅	2004 07 13.1	19 30.77 -05 37.9 19.6	-0.74 - 2.7	5.0/15.6	48223	2001 VO ₂	2004 07 13.4	19 32.11 -11 59.8 18.4	-1.09 -17.4	4.6/15.0	23896
2000 YU ₇₀	2004 07 13.1	19 30.81 -13 11.2 18.8	-0.89 - 0.2	3.7/14.0	48000	2001 YM ₂₀	2004 07 13.4	19 32.13 -19 21.7 19.8	-0.99 - 1.6	0.9/13.7	30594
2000 UX ₄₈	2004 07 13.1	19 30.83 -35 59.9 18.8	-0.95 - 3.7	4.7/10.8	47978	1999 AR ₂	2004 07 13.4	19 32.13 -29 46.5 19.1	-1.08 - 3.1	2.9/12.3	47762
1999 TZ ₂₇₉	2004 07 13.1	19 30.86 -22 56.8 18.3	-0.82 - 2.7	0.4/13.0	50431	2001 TG ₁₅₈	2004 07 13.4	19 32.15 -23 20.2 19.3	-1.03 - 5.7	0.7/13.2	48127
2001 TS ₁₄₇	2004 07 13.1	19 30.89 -21 19.9 19.5	-1.02 - 4.0	0.2/13.2	50564	2000 XT ₃₁	2004 07 13.4	19 32.18 -31 23.0 19.0	-0.92 + 0.2	3.1/12.4	29616
2002 CP ₃₀₂	2004 07 13.1	19 30.93 -10 34.9 19.8	-0.79 - 1.0	3.4/14.5	29917	2000 QK ₁₃₇	2004 07 13.4	19 32.25 -17 17.0 19.1	-0.98 + 1.5	1.9/13.9	47923
2003 BE ₈₉	2004 07 13.1	19 31.01 -24 28.6 20.5	-1.01 - 1.1	1.0/12.8	48323	2001 PS ₄	2004 07 13.4	19 32.27 -63 21.0 18.4	-2.21 +12.3	22.9/15.0	25905
1996 AN ₇	2004 07 13.1	19 31.06 -24 55.1 20.7	-1.08 - 3.5	1.3/12.7	166	2001 VU ₄₇	2004 07 13.4	19 32.29 -22 01.7 19.3	-1.07 - 1.5	0.1/13.4	30539
2002 CV ₂₅₂	2004 07 13.1	19 31.06 -45 17.2 18.9	-1.30 - 1.7	8.3/09.5	33964	2001 UG ₁₅₁	2004 07 13.4	19 32.32 -18 13.2 19.7	-1.06 - 3.1	1.5/13.9	30524
2001 UG ₈₀	2004 07 13.1	19 31.09 -12 13.7 20.2	-1.04 - 1.1	4.6/14.2	23868	2001 XP ₇₇	2004 07 13.4	19 32.36 -16 29.0 19.0	-0.93 - 1.8	2.3/14.2	50578
2000 CQ ₈₈	2004 07 13.1	19 31.09 -29 41.5 18.6	-1.15 - 2.3	3.6/12.2	50459	2002 AF ₁₃₃	2004 07 13.4	19 32.37 -25 53.1 21.9	-1.02 - 1.1	1.3/13.0	26135
2003 BJ ₅₂	2004 07 13.1	19 31.13 -21 04.0 20.3	-1.05 - 1.6	0.3/13.3	48320	2001 TD ₆₄	2004 07 13.4	19 32.38 -24 46.0 19.2	-1.00 - 3.6	1.0/13.0	23804
2001 XV ₉₂	2004 07 13.1	19 31.13 -29 09.3 21.6	-1.00 - 3.2	2.4/12.1	47004	2000 GK ₁₄₅	2004 07 13.4	19 32.39 -22 32.4 18.8	-1.06 - 6.3	0.3/13.3	47884
2001 TN ₁₆₉	2004 07 13.1	19 31.15 -42 21.5 20.7	-1.27 + 0.2	7.8/10.9	46760	1997 WT ₄	2004 07 13.5	19 32.35 -27 46.1 19.4	-1.09 - 3.2	2.6/12.6	47718
2001 XX ₈₃	2004 07 13.1	19 31.20 -27 59.7 20.6	-0.93 - 6.0	2.0/12.1	46997	2000 GH ₆	2004 07 13.5	19 32.36 -07 22.3 18.3	-0.91 - 4.4	7.0/16.0	47876
2000 QM ₂₂₇	2004 07 13.2	19 31.13 -04 49.4 20.1	-0.83 - 2.7	5.5/15.7	47930	2001 UD ₂₁₃	2004 07 13.5	19 32.37 -28 59.3 19.4	-1.01 - 5.7	2.4/12.2	50572
2001 SL ₂₂	2004 07 13.2	19 31.19 -29 55.8 18.1	-1.06 + 0.5	4.4/12.4	41729	2001 YG ₁₀₇	2004 07 13.5	19 32.42 -19 10.4 19.8	-0.99 - 4.8	0.9/13.9	30599

2001 VS ₁₁₆	2004 07 13.5	19 32.44 -39 27.0 19.1	-1.11 - 5.8	6.4/10.2	30550
2001 VB ₁₂₅	2004 07 13.5	19 32.50 -31 05.0 21.0	-1.16 - 2.3	3.9/12.2	48155
2000 SC ₂₉₈	2004 07 13.5	19 32.55 -19 09.4 19.2	-0.90 - 0.5	0.9/13.8	30404
2002 AY ₁₅	2004 07 13.5	19 32.55 -28 50.7 18.6	-0.96 + 1.2	2.3/12.8	30605
2001 XX ₉₄	2004 07 13.5	19 32.56 -19 03.4 20.0	-0.97 - 0.4	0.9/13.8	30574
2001 TR ₅₁	2004 07 13.5	19 32.56 -22 25.7 19.3	-1.08 - 3.6	0.3/13.4	23800
2002 CB ₃₅	2004 07 13.5	19 32.57 -23 14.8 20.2	-0.82 - 4.3	0.4/13.3	33961
2002 AO ₁₃₅	2004 07 13.5	19 32.60 -14 09.3 19.8	-0.78 - 2.6	2.4/14.7	47149
2003 FC ₇₉	2004 07 13.5	19 32.62 -29 30.0 19.7	-1.01 - 1.1	2.7/12.6	47449
2001 AW ₂₅	2004 07 13.5	19 32.66 -54 18.2 21.2	-1.27 - 1.5	8.4/07.9	12269
2000 WM ₁₆₅	2004 07 13.5	19 32.68 -17 29.6 19.5	-0.82 - 3.9	1.3/14.2	31927
2002 BK ₂₃	2004 07 13.5	19 32.70 -39 09.4 19.7	-1.16 - 4.1	6.2/10.6	26148
2001 SH ₂₄₂	2004 07 13.5	19 32.72 -34 09.8 18.8	-1.12 - 2.0	5.1/12.0	43428
1999 RZ ₂₀₀	2004 07 13.5	19 32.72 -19 48.6 17.3	-0.90 + 2.8	0.7/13.7	27638
2003 EJ ₅₈	2004 07 13.5	19 32.73 -09 20.8 20.4	-0.87 - 2.0	4.1/15.3	50753
2003 EF ₂₁	2004 07 13.5	19 32.73 -09 06.5 19.6	-0.78 - 3.6	4.5/15.7	50749
2001 WG ₃₂	2004 07 13.5	19 32.75 -20 33.8 20.5	-0.95 - 2.7	0.4/13.7	46937
2001 VV ₅₇	2004 07 13.5	19 32.81 -37 47.6 21.5	-1.07 - 2.3	4.9/11.3	46890
2003 EO ₂₁	2004 07 13.5	19 32.82 -25 01.4 20.5	-1.10 - 1.7	1.2/13.2	47338
1999 BP ₁₄	2004 07 13.5	19 32.83 -17 46.7 19.4	-0.97 - 4.8	1.5/14.2	50402
2001 XR ₁₂₂	2004 07 13.6	19 32.81 -02 57.6 20.9	-0.87 + 0.3	5.7/15.7	30578
2002 AJ ₁₁₆	2004 07 13.6	19 32.81 -19 26.6 19.5	-0.81 - 3.2	0.8/14.0	48190
2000 EU ₂₁	2004 07 13.6	19 32.88 +08 06.6 17.8	-0.73 -18.9	15.1/25.3	19533
2003 BP ₁₉	2004 07 13.6	19 32.90 -26 08.6 19.2	-1.07 - 5.4	1.8/12.9	43267
2002 CC ₄₈	2004 07 13.6	19 32.91 -10 56.2 19.6	-0.93 - 2.2	3.9/15.0	48200
2000 WR ₃₉	2004 07 13.6	19 32.91 -20 48.9 18.6	-0.82 - 5.0	0.3/13.8	41676
2001 VM ₄₀	2004 07 13.6	19 32.96 -27 38.5 21.2	-0.95 - 2.5	1.9/12.8	46882
2000 RM ₈₅	2004 07 13.6	19 32.97 -27 41.7 18.8	-0.97 - 1.3	2.0/12.9	47937
1999 RB ₁₄₄	2004 07 13.6	19 32.98 -13 09.5 20.1	-0.84 - 1.4	3.1/14.7	49684
2001 YH ₈₁	2004 07 13.6	19 32.99 -22 51.4 19.8	-0.83 - 2.2	0.3/13.5	47094
2001 TG ₁₆₂	2004 07 13.6	19 33.02 -36 02.7 20.9	-1.11 - 1.1	4.6/11.9	46758
2002 AK ₁₇₃	2004 07 13.6	19 33.04 -24 11.8 21.0	-0.93 - 2.1	0.8/13.3	47155
2000 ST ₂₃₈	2004 07 13.6	19 33.08 -04 01.3 19.9	-0.77 - 3.0	5.1/16.4	47961
2001 UW ₁₃₁	2004 07 13.6	19 33.13 -32 53.2 20.5	-1.21 - 4.9	5.0/11.8	30522
2002 CO ₂₃	2004 07 13.6	19 33.13 -11 59.5 18.7	-1.11 - 1.2	4.6/14.7	30640
2001 WH ₇₇	2004 07 13.6	19 33.18 -30 54.1 20.6	-1.00 - 3.7	3.2/12.3	46952
2003 AC ₇₈	2004 07 13.6	19 33.20 -34 38.3 19.4	-1.08 - 4.5	4.3/11.6	48314
2000 KO ₈	2004 07 13.6	19 33.22 -11 20.5 19.2	-0.96 - 0.5	5.0/14.9	43369
1992 EE ₁₅	2004 07 13.6	19 33.23 -08 38.2 17.8	-0.78 - 3.0	4.3/15.7	14729
1996 VL ₁₆	2004 07 13.6	19 33.23 -21 48.4 19.9	-0.91 - 2.4	0.0/13.7	46330
2003 BZ ₅₃	2004 07 13.6	19 33.26 -33 17.5 16.2	-1.14 +11.8	6.7/14.1	43279
2001 UX ₁₀₁	2004 07 13.7	19 33.17 -29 13.7 21.0	-1.00 - 2.5	2.4/12.7	46812
2000 SC ₃₂₅	2004 07 13.7	19 33.18 -25 41.1 19.6	-0.90 - 2.4	1.4/13.1	47967
2001 SP ₁₄₁	2004 07 13.7	19 33.21 -19 40.5 21.0	-1.07 - 1.8	0.8/14.0	48098
2000 XA ₃₈	2004 07 13.7	19 33.22 -43 28.2 19.4	-1.07 - 4.7	6.5/09.5	47997
2000 XS ₅	2004 07 13.7	19 33.23 -35 51.7 18.4	-0.96 - 1.1	4.8/11.8	47995
2001 SR ₂	2004 07 13.7	19 33.32 -31 30.1 19.9	-1.20 - 3.2	4.3/12.3	46606
2000 WF ₂	2004 07 13.7	19 33.34 -39 31.0 18.5	-1.16 - 3.4	7.1/10.6	47986
2001 WH ₃₆	2004 07 13.7	19 33.39 -23 38.3 19.3	-0.98 - 4.7	0.7/13.4	50576
2001 UG ₅₄	2004 07 13.7	19 33.45 -20 19.9 18.7	-0.98 - 2.0	0.7/13.9	23861
2001 XS ₁₀₇	2004 07 13.7	19 33.46 -12 22.3 20.6	-0.82 - 1.0	2.7/15.0	47010

2001 VJ ₅₃	2004 07 13.7	19 33.46 -44 40.5 21.0	-1.17 - 1.9	7.1/10.5	46889
1999 GV ₁	2004 07 13.7	19 33.48 -26 11.0 20.1	-1.01 - 2.0	1.7/13.2	47775
2001 UX ₁₃₅	2004 07 13.7	19 33.52 -33 42.8 20.3	-1.24 - 5.2	4.9/11.7	30523
2001 VV ₁₅	2004 07 13.7	19 33.53 +08 20.0 20.7	-0.93 - 3.5	10.0/18.4	48147
2001 TC ₂₀₃	2004 07 13.7	19 33.55 -09 05.0 19.0	-0.90 - 6.0	4.4/16.1	48130
2000 KW ₆₂	2004 07 13.7	19 33.55 -19 45.3 19.1	-1.02 - 6.8	0.8/14.1	41655
2000 QK ₁₈₃	2004 07 13.7	19 33.57 -09 15.0 19.5	-0.91 - 6.8	4.7/16.1	27687
2000 OS ₃	2004 07 13.7	19 33.61 -14 00.8 18.6	-1.00 - 1.3	3.1/14.7	47903
2001 WJ ₁₉	2004 07 13.7	19 33.62 -18 51.0 21.1	-1.06 - 2.0	1.1/14.1	57848
2001 SY ₃₁₂	2004 07 13.7	19 33.63 -36 25.9 19.3	-1.14 - 2.8	7.5/11.7	27252
1996 RV	2004 07 13.8	19 33.57 +33 55.2 20.1	-0.96 + 2.9	19.8/15.0	47703
2001 XB ₂₇	2004 07 13.8	19 33.59 -30 30.5 19.6	-0.86 - 2.3	2.3/12.5	27784
2000 SO ₁₅₇	2004 07 13.8	19 33.61 -24 42.3 16.9	-1.09 + 7.9	1.6/13.8	8501
2001 XP ₁₆₂	2004 07 13.8	19 33.64 -22 47.3 19.7	-0.95 - 3.5	0.4/13.7	47035
2001 XN ₁₀₀	2004 07 13.8	19 33.72 -17 29.3 19.1	-0.92 + 2.9	1.2/14.2	27787
2001 TW ₂₁₁	2004 07 13.8	19 33.72 -23 19.5 17.6	-1.08 - 7.0	0.8/13.5	48130
2000 UJ ₉₅	2004 07 13.8	19 33.75 -28 06.0 21.4	-0.89 - 1.5	1.9/13.0	47982
2000 GT ₅₇	2004 07 13.8	19 33.83 -13 48.8 20.1	-1.04 - 1.9	3.3/15.0	62291
2000 XU ₃₆	2004 07 13.8	19 33.96 -37 16.6 20.2	-0.98 - 0.3	4.2/11.9	8569
2002 AU ₁₆₀	2004 07 13.8	19 33.96 -12 19.5 20.2	-0.79 - 4.2	3.0/15.4	48192
2001 VO ₁₇	2004 07 13.8	19 33.97 -13 55.6 20.8	-0.94 + 0.6	2.6/14.7	30532
2001 WN ₉	2004 07 13.8	19 33.99 -16 08.7 20.1	-0.92 - 3.0	1.8/14.7	48156
2000 SH ₃₀₅	2004 07 13.8	19 34.00 -18 30.0 19.0	-0.90 - 0.5	1.1/14.3	30405
2002 AE ₃₉	2004 07 13.8	19 34.03 -18 38.6 19.7	-0.80 - 1.2	0.9/14.3	48186
2003 FN ₄₈	2004 07 13.8	19 34.04 -16 06.7 20.2	-0.83 - 1.8	1.9/14.7	47420
2000 QE ₁₀₈	2004 07 13.9	19 33.98 -25 40.1 18.1	-0.95 - 4.2	1.7/13.3	47920
2001 XE ₆₀	2004 07 13.9	19 34.03 -31 16.4 19.8	-1.02 - 6.6	3.0/12.1	30569
1981 EV ₄₀	2004 07 13.9	19 34.04 -43 10.6 19.0	-1.23 - 0.1	7.8/11.2	27574
2000 UY ₆	2004 07 13.9	19 34.06 -25 17.2 19.6	-0.85 - 2.1	1.1/13.4	47975
2001 QM ₂₃₇	2004 07 13.9	19 34.09 -29 39.5 20.1	-1.29 - 2.2	3.8/12.9	25928
2001 NW ₂₀	2004 07 13.9	19 34.12 -17 24.4 17.6	-0.92 + 1.3	2.5/14.3	25899
2003 EQ ₂₇	2004 07 13.9	19 34.15 -35 40.8 19.2	-1.00 - 2.2	4.9/12.0	62443
2003 BJ ₈₂	2004 07 13.9	19 34.15 -30 46.1 20.4	-1.17 - 1.7	3.6/12.8	48323
2001 WB ₃₁	2004 07 13.9	19 34.18 -20 54.9 17.5	-0.93 - 5.9	0.4/14.1	30555
2001 XM ₁₈₅	2004 07 13.9	19 34.26 -17 04.4 19.2	-0.99 - 2.6	2.1/14.6	49944
2001 XW ₈₂	2004 07 13.9	19 34.31 -33 45.4 19.0	-1.01 - 7.3	4.3/11.6	46996
1998 BA ₄₈	2004 07 13.9	19 34.31 -27 45.7 18.8	-1.00 + 1.1	2.4/13.4	47723
2000 PX ₁₂	2004 07 13.9	19 34.33 -22 36.1 19.6	-1.02 + 2.1	0.3/13.9	47908
2000 WG ₄₇	2004 07 13.9	19 34.35 -40 52.4 19.1	-0.98 - 6.0	5.5/10.1	47989
2001 PG ₂₅	2004 07 13.9	19 34.40 -12 03.1 17.7	-0.88 - 2.2	5.4/15.3	23633
2001 VZ ₁₇	2004 07 13.9	19 34.40 -30 12.8 18.7	-1.04 - 2.6	3.3/12.8	48147
2001 VD ₁₀₁	2004 07 13.9	19 34.41 -04 12.4 18.6	-0.94 + 1.2	6.6/15.8	50574
2002 DP ₇	2004 07 13.9	19 34.42 -25 17.9 19.6	-1.01 - 7.7	1.2/13.3	30698
2001 TA ₂₇	2004 07 13.9	19 34.42 -22 49.4 20.2	-1.08 - 0.9	0.4/13.9	26006
2002 AF ₃₇	2004 07 13.9	19 34.43 -20 32.8 19.0	-1.02 - 5.4	0.4/14.2	52885
2001 XP ₁₄₈	2004 07 13.9	19 34.44 -21 59.1 19.7	-0.91 - 3.9	0.1/13.9	47028
2000 QO ₁₉	2004 07 13.9	19 34.47 -38 46.1 19.3	-1.17 + 1.0	6.2/12.2	25811
2001 RR ₇₉	2004 07 14.0	19 34.38 -12 08.9 18.8	-0.95 - 4.2	4.1/15.5	48075
2002 AW ₁₄₉	2004 07 14.0	19 34.39 -25 20.1 19.9	-0.87 - 2.6	1.2/13.5	47151
2001 XL ₉₆	2004 07 14.0	19 34.41 -31 20.4 19.3	-0.96 - 4.2	3.2/12.4	48165
1999 JV ₁₁₇	2004 07 14.0	19 34.42 -00 15.8 18.5	-0.87 + 0.8	8.4/16.3	50410

2001 VX ₁₁₇	2004 07 14.0	19 34.44	-26 10.8	19.5	-1.07	- 2.2	1.8/13.4	30550	2000 RR ₁₀₁	2004 07 14.2	19 35.59	-20 39.1	17.2	-1.02	+ 3.9	0.4/14.3	47939
2002 AC ₁₄₉	2004 07 14.0	19 34.45	-25 39.7	19.1	-1.13	- 2.2	1.6/13.5	26136	2001 UV ₅₈	2004 07 14.2	19 35.66	-13 31.7	20.2	-1.01	- 1.8	3.1/15.3	30513
2000 SO ₂₀₅	2004 07 14.0	19 34.48	-19 11.9	19.7	-0.88	- 2.0	0.9/14.4	47958	2000 NF ₂₀	2004 07 14.3	19 35.62	-21 49.2	17.7	-1.13	+ 4.2	0.1/14.3	47902
2000 LB	2004 07 14.0	19 34.48	-09 41.0	18.3	-0.93	+ 1.1	5.5/15.0	47899	2000 JS ₂	2004 07 14.3	19 35.64	-15 22.6	18.9	-0.96	- 6.1	2.9/15.4	47891
2001 TG ₂₀₂	2004 07 14.0	19 34.58	-26 38.3	18.8	-1.16	- 5.8	2.2/13.2	30496	2001 SY ₁₁₃	2004 07 14.3	19 35.68	-28 20.0	19.5	-1.14	- 1.0	2.6/13.5	46646
2000 MR ₆	2004 07 14.0	19 34.62	-02 57.0	18.2	-0.81	-10.8	8.7/18.6	4957	2000 QC ₁₅	2004 07 14.3	19 35.69	-07 30.5	17.9	-0.82	- 9.5	6.2/17.6	42932
2000 SP ₅	2004 07 14.0	19 34.62	-13 13.5	17.8	-0.99	+ 4.0	3.7/14.6	30385	2001 TG ₁₀₈	2004 07 14.3	19 35.70	-13 48.1	18.6	-1.01	- 1.0	3.1/15.3	48122
2000 SB ₂₀₅	2004 07 14.0	19 34.62	-09 04.8	20.1	-0.77	- 2.2	3.6/15.9	47958	1999 RL ₁₁₅	2004 07 14.3	19 35.71	-13 06.9	19.0	-0.80	- 4.3	2.9/15.8	47792
2000 SR ₂₂₈	2004 07 14.0	19 34.65	-25 20.0	19.9	-0.92	- 2.1	1.4/13.5	47960	2000 FU ₂₈	2004 07 14.3	19 35.72	-11 42.1	16.8	-0.90	- 0.7	5.2/15.6	20762
2002 CZ ₂₉₄	2004 07 14.0	19 34.66	-35 34.9	19.7	-0.94	- 0.3	3.9/12.4	31974	2001 XT ₃₁	2004 07 14.3	19 35.72	-19 59.5	20.0	-0.99	- 3.2	0.6/14.6	46969
2000 WU ₄	2004 07 14.0	19 34.67	-35 52.7	19.1	-0.94	- 0.2	4.2/12.3	30423	2000 KC ₃₁	2004 07 14.3	19 35.75	-22 55.3	18.5	-1.02	- 2.6	0.6/14.1	41653
2000 RY ₃₂	2004 07 14.0	19 34.75	-16 25.1	18.6	-0.92	- 0.8	2.2/14.7	47934	2000 UZ ₄₃	2004 07 14.3	19 35.79	-08 01.2	20.0	-0.80	- 0.3	4.0/16.0	27734
2001 TT ₁₀₇	2004 07 14.0	19 34.76	-37 08.9	18.4	-1.10	- 5.3	5.4/11.3	48122	2001 WG ₄₈	2004 07 14.3	19 35.82	-13 27.5	18.5	-0.96	- 5.2	3.6/15.7	23941
2001 SZ ₂₅₂	2004 07 14.0	19 34.77	-07 47.9	19.8	-0.89	- 2.7	4.7/16.1	48107	2002 AV ₉₉	2004 07 14.3	19 35.86	-26 51.7	19.9	-0.91	- 0.3	1.7/13.7	27394
2001 XU ₁₅₆	2004 07 14.0	19 34.80	-19 34.2	19.6	-1.00	- 1.8	0.8/14.3	47032	2003 FS ₁₁₇	2004 07 14.3	19 35.91	-26 45.8	19.6	-0.94	- 3.7	2.0/13.6	62444
1999 CB ₂	2004 07 14.0	19 34.82	-31 59.2	19.1	-1.09	- 1.7	3.7/12.8	47765	2001 QY ₂₀₅	2004 07 14.3	19 35.93	-29 18.3	19.4	-1.20	+ 0.8	3.6/13.6	40390
2001 SX ₆₇	2004 07 14.1	19 34.79	-18 35.2	19.4	-1.04	- 4.5	1.2/14.6	25968	2001 YJ ₁₃₀	2004 07 14.3	19 35.93	-26 12.7	19.7	-1.11	+ 1.6	1.7/13.9	30601
2002 AP ₁₅₂	2004 07 14.1	19 34.80	-22 34.5	20.7	-0.79	- 1.7	0.2/14.0	48192	2001 PW ₃₃	2004 07 14.3	19 35.98	-31 26.4	19.3	-1.16	- 5.6	4.7/12.7	48044
2003 DF	2004 07 14.1	19 34.81	-39 56.7	20.8	-1.19	- 0.3	6.2/12.0	50746	2001 TF ₉₅	2004 07 14.3	19 35.99	-17 25.4	20.7	-0.95	- 1.8	1.3/14.9	46738
2002 CT ₁₈₁	2004 07 14.1	19 34.82	-15 27.0	20.0	-0.83	- 5.5	2.1/15.2	27543	1998 XQ ₄₉	2004 07 14.3	19 36.00	-34 26.7	20.1	-1.18	- 2.1	4.8/12.6	50400
2001 SF ₃₂₃	2004 07 14.1	19 34.83	-24 51.4	19.5	-1.06	- 4.6	1.3/13.6	50559	2001 WJ ₂₈	2004 07 14.3	19 36.01	-19 08.0	20.1	-0.94	- 3.5	0.8/14.8	46933
2001 XJ ₅₈	2004 07 14.1	19 34.87	-24 51.9	19.7	-1.01	- 4.0	1.2/13.6	46983	2001 SN ₂	2004 07 14.3	19 36.03	-24 26.6	19.6	-1.06	- 2.9	1.1/14.0	48082
2000 SE ₁₁₉	2004 07 14.1	19 34.89	-36 57.7	18.9	-0.96	- 2.3	4.6/11.8	27709	2001 XO ₃₄	2004 07 14.3	19 36.04	-02 40.1	19.3	-1.07	+ 4.8	6.4/15.4	30565
2000 GC ₁₅₃	2004 07 14.1	19 34.90	-23 07.0	19.3	-1.11	+ 0.2	0.7/14.0	40094	2001 WD ₉₁	2004 07 14.3	19 36.08	-36 16.6	19.0	-1.09	- 3.0	5.4/12.2	48158
2000 HZ ₈₅	2004 07 14.1	19 34.91	-09 41.8	19.6	-0.96	- 3.8	5.2/16.0	47890	2000 WZ ₉₀	2004 07 14.4	19 36.00	-32 01.3	19.6	-0.88	- 3.1	3.0/12.7	49849
2001 RS ₁₃₀	2004 07 14.1	19 34.93	-15 57.1	20.0	-1.04	- 4.2	2.6/15.0	50552	2000 WR ₁₂₁	2004 07 14.4	19 36.00	-26 42.4	20.7	-0.84	- 4.7	1.4/13.5	47991
2002 CG ₄₈	2004 07 14.1	19 34.97	-12 44.9	20.6	-0.87	- 1.9	2.7/15.3	30645	1994 PG ₃₀	2004 07 14.4	19 36.01	-07 59.0	18.4	-0.84	- 5.9	7.2/17.0	47692
2001 SA ₁₀₅	2004 07 14.1	19 35.10	-13 24.8	19.3	-1.05	- 0.6	3.3/15.0	25971	2001 XL ₁₉₁	2004 07 14.4	19 36.03	-20 05.0	19.9	-0.80	- 3.4	0.5/14.6	47045
2002 AH ₁₃₂	2004 07 14.1	19 35.13	-23 04.9	21.5	-0.83	- 2.5	0.4/14.0	27407	2001 VR ₃₂	2004 07 14.4	19 36.05	-22 43.7	17.5	-0.98	- 0.6	0.6/14.3	53696
2001 UM ₈₃	2004 07 14.1	19 35.14	-40 15.7	19.5	-1.11	- 4.4	6.5/11.0	50569	2002 CT	2004 07 14.4	19 36.05	-07 48.4	21.4	-0.81	- 3.0	4.4/16.5	48197
2001 PL ₅₉	2004 07 14.1	19 35.16	-54 43.4	20.0	-1.68	- 1.1	10.4/08.7	23635	2000 YW ₇₇	2004 07 14.4	19 36.07	-21 44.6	19.6	-0.81	- 1.5	0.0/14.4	27761
2003 AS ₁₆	2004 07 14.1	19 35.18	+15 36.1	20.4	-1.07	- 3.3	16.3/20.9	48309	2000 WV ₃	2004 07 14.4	19 36.08	-33 54.3	18.8	-1.00	+ 0.3	4.2/13.0	47987
2002 AN ₄₉	2004 07 14.1	19 35.19	-20 09.1	21.9	-0.80	- 2.7	0.4/14.4	48186	1999 CS ₃	2004 07 14.4	19 36.10	-06 15.6	23.7	-0.93	- 6.7	4.4/17.4	34319
2001 SE ₂₇₈	2004 07 14.1	19 35.26	-28 35.3	17.9	-1.12	+ 1.5	3.5/13.5	48109	2001 XE ₁₉₆	2004 07 14.4	19 36.12	-21 20.6	19.6	-0.93	- 3.1	0.1/14.5	26086
2001 US ₈₃	2004 07 14.1	19 35.28	-09 51.8	20.2	-0.97	- 1.1	4.4/15.6	30516	2001 SS ₁₄₉	2004 07 14.4	19 36.18	-21 11.9	19.5	-1.10	- 1.6	0.2/14.5	46652
2000 WE ₄₂	2004 07 14.2	19 35.24	-30 18.7	19.8	-0.88	- 3.4	2.7/12.8	47988	2000 SF ₃₄₂	2004 07 14.4	19 36.19	-24 52.4	19.9	-0.96	- 1.2	1.2/14.0	30406
2001 YC ₁₅₃	2004 07 14.2	19 35.27	-40 54.0	20.3	-1.17	- 1.2	6.6/11.5	33520	2001 WT ₂₈	2004 07 14.4	19 36.20	-18 16.8	19.2	-1.02	- 3.9	1.5/14.9	46934
1999 JK ₁₂	2004 07 14.2	19 35.29	-26 53.5	19.7	-0.99	- 4.8	2.0/13.4	47778	1993 UN ₂	2004 07 14.4	19 36.21	-23 26.8	20.1	-1.00	- 1.3	0.6/14.2	50369
2001 TJ ₁₉₉	2004 07 14.2	19 35.32	-33 35.0	19.0	-0.97	- 7.8	6.6/11.6	48130	1998 FQ ₇	2004 07 14.4	19 36.23	-25 28.2	19.8	-0.92	- 2.3	1.5/13.9	46337
2001 UO ₁₁₃	2004 07 14.2	19 35.33	-10 51.3	21.4	-0.86	- 1.9	3.2/15.7	46821	1999 GK	2004 07 14.4	19 36.25	-01 32.8	19.7	-0.88	- 3.5	7.3/17.8	50406
2001 UK ₂₁₇	2004 07 14.2	19 35.34	-09 21.0	20.5	-0.91	- 2.2	4.5/16.0	48146	2000 XL ₁₆	2004 07 14.4	19 36.28	-25 50.0	19.4	-0.95	+ 0.9	1.5/14.0	47996
2001 UT ₁₃₆	2004 07 14.2	19 35.38	-27 46.9	18.5	-1.07	+ 0.6	3.2/13.6	23884	2000 QT ₁₃₃	2004 07 14.4	19 36.39	-41 48.3	17.8	-1.29	+ 4.0	8.2/13.3	50483
2000 WB ₂₆	2004 07 14.2	19 35.39	-21 07.1	19.6	-0.81	- 1.6	0.2/14.3	47987	2001 SZ ₂₃₅	2004 07 14.4	19 36.42	-12 51.3	18.9	-0.92	- 2.9	4.6/15.7	48106
2003 BR ₂₆	2004 07 14.2	19 35.41	-18 48.4	20.5	-1.00	- 3.1	1.0/14.7	48318	2001 VS ₉₄	2004 07 14.5	19 36.40	-16 42.0	19.3	-1.03	- 6.9	2.0/15.0	30547
2001 SV ₂₆₆	2004 07 14.2	19 35.42	-25 38.2	18.8	-1.13	- 4.1	1.8/13.6	30469	2001 UD ₆₃	2004 07 14.5	19 36.41	-17 20.1	19.5	-0.99	- 1.7	1.6/15.0	48137
1999 XJ ₁₀₅	2004 07 14.2	19 35.46	-00 16.0	18.6	-1.30	+ 7.5	10.2/14.4	47831	2001 VC ₇₁	2004 07 14.5	19 36.41	-23 06.2	19.4	-1.01	- 1.4	0.5/14.3	30544
2001 XJ ₃	2004 07 14.2	19 35.47	-17 19.9	18.2	-0.93	- 5.0	1.9/15.0	48159	2001 UR ₃₇	2004 07 14.5	19 36.46	-18 56.8	20.7	-1.05	- 0.4	1.0/14.8	48135
2003 EX ₂₂	2004 07 14.2	19 35.48	-43 52.5	19.5	-1.23	+ 0.2	8.1/11.7	50750	2001 TF ₃₅	2004 07 14.5	19 36.47	-30 14.1	19.5	-1.05	- 1.5	3.0/13.4	30474
2001 XF ₁₀₆	2004 07 14.2	19 35.50	-19 29.9	20.9	-0.98	- 2.2	0.8/14.5	47009	2000 QQ ₂₂₉	2004 07 14.5	19 36.48	-25 31.7	19.3	-0.95	- 2.9	1.5/13.9	47930
2000 VC ₃₄	2004 07 14.2	19 35.53	-15 37.8	19.1	-0.80	- 1.4	1.8/15.0	29513	2001 VD ₁₁₃	2004 07 14.5	19 36.48	-11 04.5	21.0	-0.95	+ 0.6	3.6/15.6	30550
2001 TB ₃₃	2004 07 14.2	19 35.56	-28 20.4	19.8	-1.01	- 1.3	2.1/13.4	30473	2001 UV ₁₂	2004 07 14.5	19 36.48	-23 27.8	20.9	-1.05	- 3.6	0.7/14.2	30505

2001 QF ₂₉₆	2004 07 14.5	19 36.55	-34 22.9	19.0	-1.20	- 1.4	5.6/12.8	46576
2001 TS ₆₃	2004 07 14.5	19 36.56	-30 29.0	19.7	-1.13	- 3.8	3.4/13.1	30478
2001 XT ₁₂₈	2004 07 14.5	19 36.58	-19 04.8	20.6	-0.98	- 2.7	1.0/14.9	62384
2001 UM ₇₂	2004 07 14.5	19 36.59	-14 22.1	18.7	-0.92	- 6.6	2.5/15.9	48138
2000 GC ₁₉	2004 07 14.5	19 36.65	-15 04.0	18.8	-0.97	- 2.2	3.2/15.5	47877
2000 UC ₁₃	2004 07 14.5	19 36.66	-26 07.0	20.5	-0.90	- 1.3	1.4/13.9	29444
2001 XN ₇₃	2004 07 14.5	19 36.69	-21 44.7	19.5	-0.95	- 3.9	0.1/14.5	50578
2001 XL ₂₅₀	2004 07 14.5	19 36.74	-21 48.4	19.3	-0.92	- 3.9	0.1/14.5	48174
2003 BQ ₂₈	2004 07 14.5	19 36.75	-17 14.9	21.1	-1.01	- 1.6	1.6/15.1	47273
2000 QV ₈₄	2004 07 14.5	19 36.84	-03 23.4	18.9	-0.93	- 3.2	8.6/17.0	6295
2000 WF ₉₅	2004 07 14.5	19 36.85	-07 13.6	19.8	-0.80	+ 0.9	4.0/16.1	8549
1999 BF ₂	2004 07 14.5	19 36.86	+16 01.7	20.1	-1.00	+ 1.7	12.5/18.7	47763
1997 CC ₆	2004 07 14.5	19 36.87	-19 00.8	21.5	-0.79	- 3.0	0.6/15.0	47709
2000 GD ₁₆₂	2004 07 14.5	19 36.88	-20 03.5	17.4	-0.92	- 9.3	0.8/14.9	47884
1999 SQ ₅	2004 07 14.5	19 36.90	+07 48.4	19.5	-1.11	- 9.3	12.3/21.1	47799
2001 XX ₇₁	2004 07 14.6	19 36.82	-12 08.6	20.0	-1.02	- 3.2	3.9/15.9	38330
1998 WS ₃₄	2004 07 14.6	19 36.90	-23 45.3	20.8	-1.09	- 4.4	0.9/14.3	47758
2001 SM ₁₆₄	2004 07 14.6	19 36.91	-33 32.5	17.6	-1.11	- 1.6	6.3/12.9	23754
2001 RQ ₁₃₀	2004 07 14.6	19 36.94	-20 42.0	20.1	-1.03	- 3.2	0.3/14.8	48080
2001 UT ₃₂	2004 07 14.6	19 36.96	-17 28.7	19.1	-1.00	- 6.4	1.9/15.4	48135
2000 SL ₄₅	2004 07 14.6	19 36.97	-08 48.5	18.2	-0.97	+ 2.0	4.9/15.7	47943
2000 RT ₁₃	2004 07 14.6	19 36.98	+02 13.0	19.1	-0.84	- 2.4	9.7/18.2	46453
2002 CD ₁₁₉	2004 07 14.6	19 37.00	-20 06.2	20.1	-0.81	- 2.3	0.4/14.9	30662
2000 SH ₄₉	2004 07 14.6	19 37.01	-20 46.9	20.3	-0.95	0.0	0.3/14.7	47944
2001 QP ₇₉	2004 07 14.6	19 37.05	-11 49.5	19.3	-0.98	- 2.6	3.9/16.0	46546
2001 XR ₁₈₄	2004 07 14.6	19 37.06	-21 27.0	20.0	-0.87	- 1.5	0.0/14.7	48170
2001 TW ₈₇	2004 07 14.6	19 37.08	-20 56.9	19.8	-1.07	- 0.4	0.3/14.7	48121
2001 YK ₁₃₆	2004 07 14.6	19 37.12	-31 40.5	18.9	-1.07	+ 0.6	3.4/13.6	47113
2001 YR ₇₁	2004 07 14.6	19 37.15	-26 07.1	19.0	-1.02	- 1.5	1.9/14.1	48178
2000 QM ₂₃₁	2004 07 14.6	19 37.17	-17 11.7	19.2	-0.95	- 0.9	1.7/15.0	47930
2001 XV ₅₇	2004 07 14.6	19 37.17	-17 58.0	18.7	-1.04	- 2.9	1.5/15.0	48163
2001 YG ₆₂	2004 07 14.6	19 37.17	-27 21.7	19.9	-0.94	- 3.4	2.0/13.8	50583
2000 RJ ₉₀	2004 07 14.6	19 37.21	-24 43.9	20.5	-0.95	- 0.8	1.1/14.3	47938
1999 JL ₇₄	2004 07 14.6	19 37.22	-37 39.3	19.4	-1.07	- 5.3	5.7/11.8	47780
2001 TF ₇₀	2004 07 14.6	19 37.29	-21 36.0	19.0	-1.09	- 4.0	10.2/25.0	23806
2001 RE ₁₃₄	2004 07 14.7	19 37.27	-17 22.3	20.1	-1.01	- 4.2	1.6/15.4	48080
1999 CN ₉	2004 07 14.7	19 37.29	-36 22.2	19.9	-1.19	- 2.3	5.2/12.6	47766
2002 AK ₁₀	2004 07 14.7	19 37.29	-14 47.7	20.2	-0.82	+ 1.0	1.8/15.4	30604
2001 YZ ₁₂₁	2004 07 14.7	19 37.30	-18 57.1	18.9	-0.96	+ 0.5	0.9/15.0	48182
1994 TH ₁₄	2004 07 14.7	19 37.30	-23 14.2	19.8	-0.85	- 2.3	0.5/14.5	50371
2000 UV ₇₄	2004 07 14.7	19 37.33	-26 42.7	20.5	-0.86	- 1.9	1.5/14.0	47980
2001 TA ₄₂	2004 07 14.7	19 37.34	-26 50.4	18.5	-0.97	- 1.2	1.8/14.0	48117
2001 TF ₁₅	2004 07 14.7	19 37.35	-18 49.1	19.0	-1.06	- 3.1	1.1/15.0	30472
2001 QN ₂₄₈	2004 07 14.7	19 37.35	-35 52.7	19.8	-1.16	- 2.2	5.5/12.7	48065
2001 XO ₂₄₁	2004 07 14.7	19 37.39	-20 28.6	20.5	-1.04	- 2.4	0.4/14.9	48173
2000 RL ₂₄	2004 07 14.7	19 37.42	-32 16.8	18.0	-1.12	+ 3.7	4.6/14.0	47933
2003 EJ ₂₄	2004 07 14.7	19 37.42	-21 50.6	19.8	-1.08	- 3.5	0.1/14.7	50750
2001 XW ₁₆₄	2004 07 14.7	19 37.46	-24 32.6	19.7	-0.93	- 3.2	1.1/14.3	50580
2001 QA ₂₃₆	2004 07 14.7	19 37.47	-17 26.1	19.5	-1.00	- 3.9	1.5/15.4	48063
2000 EJ ₂₈	2004 07 14.7	19 37.47	-31 32.7	18.8	-1.12	- 7.1	4.7/12.9	47862
2000 RK ₈₃	2004 07 14.7	19 37.47	-20 40.4	18.7	-0.97	0.0	0.3/14.9	6334

2001 UW ₇₅	2004 07 14.7	19 37.50	-14 56.7	20.2	-1.04	- 2.5	2.6/15.6	30515
2001 RL ₇₆	2004 07 14.7	19 37.51	-30 08.9	17.9	-1.10	- 6.1	4.0/13.2	25944
2001 QQ ₁₉₈	2004 07 14.7	19 37.52	-27 47.7	17.1	-1.12	- 0.8	3.1/14.0	25926
2000 WA ₁₅₄	2004 07 14.7	19 37.53	-14 14.2	19.9	-0.90	+ 0.7	2.2/15.5	8558
2000 QC ₃₆	2004 07 14.7	19 37.54	-18 43.3	18.6	-0.95	- 1.7	1.1/15.1	50481
2000 GJ ₁₄₁	2004 07 14.7	19 37.57	-08 01.3	19.3	-0.95	- 6.6	6.0/17.4	50472
2001 XF ₅₃	2004 07 14.7	19 37.62	-17 44.1	18.5	-1.05	- 1.9	1.8/15.0	48162
2001 XT ₄₈	2004 07 14.7	19 37.64	-21 33.8	18.0	-0.93	- 7.7	9.1/25.0	50577
2002 AR ₁₈₀	2004 07 14.7	19 37.67	-38 47.8	19.3	-1.13	- 1.0	6.5/12.5	50588
2001 VM ₂₈	2004 07 14.7	19 37.68	-12 10.9	18.4	-0.95	- 0.1	3.5/15.9	48148
2001 XN ₇₆	2004 07 14.8	19 37.62	-24 10.6	17.9	-0.93	- 6.6	1.3/14.3	50578
2001 SX ₁₂₀	2004 07 14.8	19 37.62	-12 11.3	20.7	-0.99	- 2.1	3.4/16.1	48095
2002 CB ₁₉₉	2004 07 14.8	19 37.65	-20 51.4	19.7	-0.83	- 3.1	0.2/14.9	47184
2002 AP ₂₇	2004 07 14.8	19 37.66	-35 03.9	19.1	-0.92	- 1.6	4.4/12.9	50585
2003 DY ₇	2004 07 14.8	19 37.67	-21 06.2	20.6	-1.02	- 2.3	8.7/25.0	47308
2000 EN ₁₆₄	2004 07 14.8	19 37.70	-25 51.4	19.0	-1.11	- 0.5	2.0/14.3	47870
2001 XU ₇₄	2004 07 14.8	19 37.75	-20 14.2	19.8	-1.06	- 3.9	0.6/15.0	23961
2002 XC ₆₆	2004 07 14.8	19 37.86	-23 49.4	19.4	-1.04	- 3.2	0.9/14.5	50723
2001 RU ₁₄	2004 07 14.8	19 37.88	+21 56.1	16.5	-0.97	- 0.4	22.7/31.4	62350
2001 RO ₅₈	2004 07 14.8	19 37.95	-24 11.2	20.3	-1.07	- 3.5	1.0/14.5	48074
2001 UH ₃₃	2004 07 14.8	19 37.98	-18 24.3	18.6	-1.03	- 6.2	1.5/15.0	48135
2000 EA ₄₁	2004 07 14.8	19 38.10	-30 49.4	18.5	-1.17	- 1.2	4.1/13.8	41611
2001 TD ₇₉	2004 07 14.8	19 38.11	-03 12.6	20.3	-0.86	- 1.6	5.5/17.4	46735
2000 WP ₁₈₁	2004 07 14.8	19 38.11	-22 29.1	19.2	-1.00	-12.4	0.4/14.7	18305
2000 EP ₂₆	2004 07 14.8	19 38.20	-57 28.7	19.4	-1.85	+ 3.0	14.4/12.2	18238
2003 BV ₁₆	2004 07 14.9	19 38.05	-33 10.8	18.7	-1.05	- 0.2	4.7/13.6	50738
2003 CR ₈	2004 07 14.9	19 38.06	-21 10.9	20.2	-1.03	- 2.3	8.8/04.0	48325
2000 WW ₇₃	2004 07 14.9	19 38.09	-03 41.9	18.9	-0.83	+ 1.3	6.0/16.9	47989
2003 FK ₄	2004 07 14.9	19 38.11	-31 15.4	19.4	-0.95	- 7.7	2.9/12.9	48341
2001 WO ₉₀	2004 07 14.9	19 38.12	-44 38.1	17.5	-1.17	- 3.3	10.0/11.0	43195
1998 EC ₁₀	2004 07 14.9	19 38.17	-26 31.5	20.1	-0.95	- 0.5	1.6/14.3	50381
2001 UE ₇₆	2004 07 14.9	19 38.21	-24 13.5	19.3	-1.07	- 4.0	1.1/14.5	46805
2001 SY ₁₂₀	2004 07 14.9	19 38.23	-21 12.0	19.7	-1.08	- 1.2	9.1/25.0	48095
2001 TF ₄₂	2004 07 14.9	19 38.24	-39 10.5	19.9	-1.12	- 3.5	5.8/12.0	46715
2000 RD ₉₁	2004 07 14.9	19 38.25	-33 33.1	19.0	-0.93	- 0.4	3.3/13.4	47938
2001 YO ₉₁	2004 07 14.9	19 38.39	-23 28.1	19.3	-0.97	- 6.4	0.7/14.6	27794
2001 UN ₁₇₃	2004 07 14.9	19 38.42	-30 57.9	21.4	-0.99	- 2.8	2.9/13.6	46848
1999 PH ₄	2004 07 14.9	19 38.43	-19 00.1	19.1	-0.83	- 3.8	0.9/15.4	47786
1994 VN ₁	2004 07 14.9	19 38.45	-18 32.4	18.5	-1.07	- 3.7	1.4/15.0	47694
2001 RV ₈₄	2004 07 14.9	19 38.48	-16 15.9	19.0	-1.05	- 1.3	2.5/15.6	48076
2001 UT ₇₉	2004 07 14.9	19 38.49	-26 16.4	20.2	-1.13	- 3.4	2.1/14.3	30515
2000 WN ₁₇₁	2004 07 15.0	19 38.43	-16 39.5	20.5	-0.75	- 3.6	1.2/15.8	47994
2002 CH ₂₁₀	2004 07 15.0	19 38.44	-11 41.0	20.5	-0.77	- 4.1	3.0/16.7	48209
2001 YR ₁₁₇	2004 07 15.0	19 38.46	-25 04.0	19.1	-1.06	- 2.0	1.3/14.5	30600
2001 QJ ₂₆	2004 07 15.0	19 38.49	-25 11.4	18.6	-0.94	+ 0.1	2.2/14.6	48048
2000 FG ₂₈	2004 07 15.0	19 38.51	-10 50.9	20.3	-0.98	- 2.1	5.0/16.5	47872
2000 JM ₁₃	2004 07 15.0	19 38.51	-16 14.7	18.2	-0.94	- 1.4	2.7/15.7	47892
1999 VO ₄₆	2004 07 15.0	19 38.56	+13 31.8	19.6	-1.15	+ 7.3	18.5/16.0	19463
1997 WZ ₂₇	2004 07 15.0	19 38.58	-26 32.1	17.4	-0.95	- 2.3	2.5/14.3	43331
1995 QD	2004 07 15.0	19 38.67	-07 43.8	19.7	-0.85	- 3.8	5.1/17.2	6191
2001 QD ₁₄₂	2004 07 15.0	19 38.68	-24 59.4	19.9	-1.08	- 3.5	1.3/14.5	46556

2001 UN ₁₁₅	2004 07 15.0	19 38.68	-15 58.7	19.9	-0.90	- 2.6	1.8/15.9	48141	2001 YX ₉₈	2004 07 15.2	19 39.39	-27 39.4	18.6	-0.94	- 5.8	2.3/14.1	47098
2001 TA ₁₂₃	2004 07 15.0	19 38.69	+16 53.8	19.7	-0.99	+ 2.1	14.0/18.4	30487	2003 AQ ₂	2004 07 15.2	19 39.45	-00 41.4	18.4	-1.16	-15.1	9.6/20.6	47245
2000 RH ₃₅	2004 07 15.0	19 38.69	-13 07.2	19.9	-0.89	- 0.8	2.9/16.1	47934	2001 TK ₆₈	2004 07 15.2	19 39.45	-31 06.1	18.9	-0.99	- 4.8	5.4/13.5	30479
2002 EL ₄₁	2004 07 15.0	19 38.71	+01 06.6	20.2	-0.73	- 3.0	6.2/19.0	47194	2000 OC ₅₆	2004 07 15.2	19 39.47	-20 13.2	18.4	-0.94	- 4.3	0.5/15.5	47907
2001 RG ₈₄	2004 07 15.0	19 38.73	-25 58.4	18.8	-1.14	- 0.5	2.2/14.5	23700	2001 XY ₅	2004 07 15.2	19 39.49	-16 11.0	18.0	-0.91	- 8.6	2.2/16.4	48159
2000 JP ₇₄	2004 07 15.0	19 38.74	-17 59.5	17.6	-0.98	- 1.1	1.7/15.5	19739	2000 SR ₁₆₅	2004 07 15.2	19 39.51	-24 23.7	19.1	-0.99	+ 0.9	1.0/14.9	38286
2001 YA ₄₁	2004 07 15.0	19 38.77	-25 53.2	20.9	-0.93	- 2.5	1.4/14.4	47082	2000 RZ ₅	2004 07 15.2	19 39.51	-18 00.8	18.9	-0.91	- 2.3	1.5/15.7	47931
1999 FX ₄₉	2004 07 15.0	19 38.82	-35 53.8	18.5	-1.12	- 0.3	5.7/13.4	47774	2002 AC ₁₇₀	2004 07 15.2	19 39.52	-24 43.7	19.9	-0.89	- 2.9	1.2/14.8	50588
2000 SR ₂₆₅	2004 07 15.0	19 38.83	-20 47.7	20.2	-0.91	- 4.5	0.3/15.2	47963	2001 VB ₂₆	2004 07 15.2	19 39.56	-24 46.3	20.3	-1.00	- 3.6	1.1/14.7	30534
1999 VZ ₈₇	2004 07 15.0	19 38.86	-45 20.2	17.5	-1.49	-21.4	11.8/07.0	47822	2003 BD ₆₇	2004 07 15.2	19 39.57	-23 14.7	20.1	-1.03	- 2.0	0.7/15.0	48321
2000 VJ ₄₁	2004 07 15.0	19 38.88	-24 58.6	20.4	-0.88	- 1.8	1.1/14.6	27743	2001 RA ₁₃₃	2004 07 15.2	19 39.57	-18 58.2	19.4	-1.07	- 5.4	1.2/15.7	23706
2000 GO ₁₄₀	2004 07 15.0	19 38.90	+00 06.3	17.9	-0.68	- 4.6	11.8/19.8	47883	2001 YD ₁₁₆	2004 07 15.2	19 39.58	-24 43.1	20.6	-0.96	- 5.0	1.0/14.7	47104
2000 XF ₂₄	2004 07 15.0	19 38.90	-34 40.6	18.2	-0.99	- 0.4	4.3/13.4	47996	2000 SK ₅₇	2004 07 15.2	19 39.67	-25 32.8	19.8	-0.95	- 1.3	1.5/14.7	30388
2000 ET ₁₃₄	2004 07 15.0	19 38.90	-34 31.2	18.6	-1.17	- 2.1	6.0/13.4	27661	2001 UY ₁₈₇	2004 07 15.2	19 39.69	-11 51.7	19.4	-0.92	- 3.6	3.7/16.8	50571
2001 VU ₇₇	2004 07 15.0	19 38.92	-38 04.6	21.4	-1.07	- 3.7	5.5/12.4	46899	2002 AZ ₂₇	2004 07 15.3	19 39.66	-28 22.3	19.9	-1.07	- 2.9	2.6/14.3	30607
2003 AA ₄₁	2004 07 15.0	19 38.93	-16 03.4	19.4	-1.09	- 0.4	2.2/15.7	50733	2000 WM ₁₈₈	2004 07 15.3	19 39.72	-11 08.0	18.8	-0.82	- 0.2	3.3/16.6	47995
2000 SW ₂₆₂	2004 07 15.0	19 38.93	-38 46.6	21.1	-1.13	- 3.5	5.9/12.1	7593	1999 CG ₇₆	2004 07 15.3	19 39.72	-20 10.1	19.6	-1.03	- 2.0	0.5/15.5	47768
2001 UJ ₂₄	2004 07 15.0	19 38.94	-25 23.9	18.5	-1.12	+ 1.9	1.9/14.8	29728	1999 EM ₁₁	2004 07 15.3	19 39.73	-28 46.7	20.3	-1.10	- 1.4	2.6/14.4	47772
2000 SD ₁₄₈	2004 07 15.1	19 38.84	-37 05.5	19.7	-0.98	- 1.5	4.8/12.9	47953	2001 XJ ₆₁	2004 07 15.3	19 39.74	-21 25.9	19.0	-1.03	- 4.0	0.0/15.3	48163
2000 YM ₅₃	2004 07 15.1	19 38.85	-22 32.5	19.7	-0.83	- 2.5	0.3/14.9	9501	2001 RX ₉₀	2004 07 15.3	19 39.74	-33 43.5	18.7	-1.15	- 1.1	6.1/13.7	48077
2000 UR ₁₈	2004 07 15.1	19 38.87	-29 56.1	18.9	-0.92	- 0.4	2.7/14.0	41675	2000 WU ₁₆₉	2004 07 15.3	19 39.79	-34 08.4	21.5	-0.90	- 1.5	3.3/13.5	33324
2000 NU ₁	2004 07 15.1	19 38.87	-15 39.6	19.7	-0.94	- 2.2	2.2/15.9	30356	2002 AC ₁₂₅	2004 07 15.3	19 39.90	-12 34.2	20.3	-0.93	- 5.9	3.1/16.9	30618
2000 VK ₃₀	2004 07 15.1	19 38.88	-07 36.4	18.9	-0.80	- 1.4	4.7/17.0	47985	2001 YF ₁₁₀	2004 07 15.3	19 39.90	-21 23.5	19.9	-1.06	+ 1.2	0.0/15.4	30599
1996 GC ₈	2004 07 15.1	19 38.89	-27 37.0	18.7	-0.95	- 3.6	3.1/14.1	23432	2003 BC	2004 07 15.3	19 39.91	-41 02.6	18.4	-1.14	+ 2.3	6.6/13.8	50737
2003 ER ₄₇	2004 07 15.1	19 38.90	-06 39.0	18.9	-0.82	- 0.8	5.0/17.2	50752	2001 XS ₁₈₃	2004 07 15.3	19 39.94	-17 34.7	19.2	-0.89	- 3.7	1.3/16.0	48170
2003 FR ₇₀	2004 07 15.1	19 38.90	-16 40.3	19.3	-0.88	- 3.5	1.7/15.9	53734	2001 XV ₂₄₈	2004 07 15.3	19 39.96	-04 22.8	20.6	-0.88	- 3.4	5.9/18.1	47068
2002 AE ₁₆₇	2004 07 15.1	19 38.97	-13 35.3	20.5	-0.86	- 3.4	2.5/16.4	48193	1999 TA ₃₂₀	2004 07 15.3	19 39.96	-24 46.0	20.0	-0.83	- 0.3	1.0/14.9	47814
2002 CC ₁₃₇	2004 07 15.1	19 39.00	-01 54.9	19.1	-0.76	- 7.0	6.2/19.4	30667	2002 AO ₁₅₇	2004 07 15.3	19 40.05	-23 06.5	17.9	-0.85	- 0.2	0.6/15.2	48192
2002 AN ₂	2004 07 15.1	19 39.04	+09 13.9	19.1	-0.87	- 2.6	9.6/20.0	48184	2000 SW ₂₇₄	2004 07 15.3	19 40.07	-42 41.8	19.3	-0.98	- 2.8	5.7/11.8	30403
3019 P-L	2004 07 15.1	19 39.08	-34 23.6	18.6	-1.17	+ 2.7	5.7/13.9	26180	2001 XV ₅₅	2004 07 15.3	19 40.10	-22 59.7	18.0	-0.98	- 4.8	0.6/15.1	48162
2001 TN ₈₀	2004 07 15.1	19 39.08	-16 00.3	20.1	-0.91	- 3.1	1.8/16.0	46735	1007 T-2	2004 07 15.3	19 40.12	-15 48.3	18.3	-0.96	- 1.9	2.4/16.2	48389
2000 SQ ₂₁₆	2004 07 15.1	19 39.08	-34 32.5	18.3	-1.00	- 5.5	5.4/12.6	50493	2001 XJ ₂₂₃	2004 07 15.3	19 40.13	-14 07.9	19.2	-0.95	- 5.7	3.2/16.7	48172
2001 RK ₁₄₉	2004 07 15.1	19 39.09	-22 58.6	16.7	-0.80	- 9.3	0.9/14.8	33921	2001 VV ₁₂₂	2004 07 15.4	19 40.10	-43 21.2	20.4	-1.24	- 1.2	7.3/12.2	23928
2001 TT ₂₀	2004 07 15.1	19 39.11	-30 47.5	18.0	-1.12	+ 0.7	4.3/14.2	48115	2001 SA ₂₆	2004 07 15.4	19 40.18	-16 20.0	19.9	-1.04	- 3.1	2.2/16.2	48085
2000 RL ₉₈	2004 07 15.1	19 39.14	-06 53.6	18.8	-0.88	+ 0.4	4.8/16.8	47939	2002 YV ₂₈	2004 07 15.4	19 40.22	-22 54.6	20.2	-1.08	- 1.9	0.6/15.2	48307
2000 PV ₁₆	2004 07 15.1	19 39.15	-16 31.6	17.8	-0.86	- 3.8	2.4/16.0	13677	1999 TD ₁₈₇	2004 07 15.4	19 40.24	-04 19.1	19.4	-0.73	+ 0.3	4.6/17.6	9762
2001 TG ₃₁	2004 07 15.1	19 39.16	-29 54.0	18.0	-1.11	+ 0.3	3.9/14.2	48116	2001 UU ₁₀₆	2004 07 15.4	19 40.26	-13 30.1	19.0	-0.93	- 2.2	3.1/16.6	48140
1999 VO ₂₀₅	2004 07 15.1	19 39.23	-13 01.2	18.3	-0.96	+ 4.6	3.0/15.7	41584	1999 NN ₅₆	2004 07 15.4	19 40.26	-18 04.1	18.5	-0.97	+ 4.0	1.1/15.7	25752
2001 SL ₁₉₇	2004 07 15.1	19 39.24	-23 35.6	20.3	-1.07	- 2.2	0.8/14.9	62363	2002 CU ₂₅₀	2004 07 15.4	19 40.28	-24 07.8	20.5	-0.85	- 2.2	0.8/15.0	29904
2001 SN ₂₃₁	2004 07 15.1	19 39.31	-09 43.4	18.9	-0.93	- 4.6	5.4/17.2	50558	2000 SK ₁₀₄	2004 07 15.4	19 40.29	-14 57.3	19.3	-0.87	- 2.4	2.5/16.4	47949
2001 VW ₄₄	2004 07 15.1	19 39.33	-27 07.6	18.5	-1.10	- 3.1	2.4/14.4	48150	2000 ST ₂₁₃	2004 07 15.4	19 40.31	-13 22.1	20.0	-0.88	- 5.1	3.0/16.9	10985
2001 VK ₃₄	2004 07 15.1	19 39.34	-25 04.4	18.6	-1.15	- 4.9	1.9/14.6	30536	2001 QA ₇₆	2004 07 15.4	19 40.34	-00 00.7	19.8	-0.89	- 1.3	7.3/18.5	50543
2001 SW ₃₀₄	2004 07 15.2	19 39.24	-16 26.2	20.7	-0.96	- 2.0	1.7/15.9	50559	2001 RO	2004 07 15.4	19 40.35	-17 37.1	17.8	-1.16	+ 3.4	1.3/15.7	30463
2000 QX ₂₁₈	2004 07 15.2	19 39.26	-26 42.4	19.2	-1.00	- 1.5	2.3/14.5	47929	1999 EY ₅	2004 07 15.4	19 40.36	-19 31.3	19.2	-0.96	- 3.5	0.7/15.8	50405
2003 BG ₉₀	2004 07 15.2	19 39.26	-21 15.9	22.1	-0.95	- 2.9	0.1/15.2	50743	2001 VP ₂₆	2004 07 15.4	19 40.37	-16 35.1	18.3	-1.00	- 0.5	2.3/16.0	48148
2001 XV ₁₁₅	2004 07 15.2	19 39.26	-31 35.7	19.1	-0.96	- 5.3	3.1/13.3	30577	2000 XY ₄₆	2004 07 15.4	19 40.38	-41 07.8	18.9	-1.05	- 0.3	5.5/12.7	20834
2001 TH ₇₃	2004 07 15.2	19 39.32	-18 21.1	19.8	-1.03	- 2.1	1.4/15.6	23807	2000 SV ₃₅₇	2004 07 15.4	19 40.43	-20 02.8	19.7	-0.88	- 6.8	0.5/15.8	47969
2000 QH ₈₁	2004 07 15.2	19 39.32	-15 40.7	18.6	-0.83	- 3.3	2.8/16.2	47917	1999 RS ₁₄₇	2004 07 15.4	19 40.44	-27 15.1	18.9	-0.92	+ 0.6	1.8/14.8	47793
2001 TD ₂₃₆	2004 07 15.2	19 39.33	-19 04.7	19.8	-1.02	- 5.6	1.0/15.6	46774	2002 AS ₁₄₄	2004 07 15.4	19 40.44	-13 44.7	18.5	-0.85	- 8.4	3.1/17.1	35144
2002 CN ₁	2004 07 15.2	19 39.34	-34 18.8	19.6	-0.94	- 3.9	4.1/13.0	48197	2000 WT ₁₆₄	2004 07 15.4	19 40.49	-21 08.2	19.2	-0.85	- 5.1	0.1/15.5	47993
2001 RD ₇₀	2004 07 15.2	19 39.37	-10 27.4	20.1	-1.03	- 1.2	4.9/16.6	23696	2002 CK ₂₅₈	2004 07 15.4	19 40.50	-19 09.2	19.8	-0.84	- 2.7	0.8/15.8	48212

2001 UW ₆	2004 07 15.4	19 40.51 -16 12.0 21.3	-0.93 - 2.0	1.7/16.2	30504	2000 VM ₄₉	2004 07 15.7	19 41.29 -10 15.1 18.2	-0.96 + 1.5	5.0/16.7	47986
2000 QT ₁₆₂	2004 07 15.4	19 40.52 -11 17.0 19.5	-0.99 - 1.6	4.4/16.7	17448	1996 CE ₂	2004 07 15.7	19 41.30 -23 56.2 20.4	-1.07 - 4.4	1.0/15.3	47702
2001 YJ ₁₃₇	2004 07 15.4	19 40.52 -26 21.3 18.5	-1.06 + 2.3	1.7/15.1	26112	2002 AT ₁₉	2004 07 15.7	19 41.32 -29 25.7 19.7	-0.88 - 3.1	2.6/14.4	50585
2001 YE ₄₆	2004 07 15.5	19 40.47 -17 31.4 19.5	-0.98 + 0.7	1.5/15.9	48176	2003 GA ₅	2004 07 15.7	19 41.37 -29 48.0 19.8	-0.89 - 2.1	2.8/14.5	47505
2001 UB ₆₂	2004 07 15.5	19 40.47 -23 23.4 20.9	-1.04 - 2.5	0.7/15.2	48137	2000 YS ₆₅	2004 07 15.7	19 41.37 -00 10.7 19.2	-0.74 - 2.1	5.8/19.0	9904
2001 YF ₄₈	2004 07 15.5	19 40.52 -21 32.8 18.0	-1.01 - 1.0	0.1/15.5	48177	2003 BU ₆₁	2004 07 15.7	19 41.53 -18 13.9 20.8	-1.02 - 2.8	1.2/16.2	50741
2001 SV ₄	2004 07 15.5	19 40.56 -15 14.1 18.0	-0.94 - 6.9	3.2/16.7	48082	2000 VJ ₅₉	2004 07 15.7	19 41.56 -51 29.8 18.4	-1.18 - 2.9	9.1/09.8	47986
2001 TP ₁₄₉	2004 07 15.5	19 40.57 -25 49.4 18.6	-1.05 - 5.6	2.3/14.7	23830	1993 TJ ₁₆	2004 07 15.7	19 41.60 -31 16.4 19.5	-1.09 - 2.4	3.9/14.3	47689
2000 LH ₃₁	2004 07 15.5	19 40.60 -19 16.2 16.7	-0.88 -11.7	1.0/16.1	22196	1999 TT ₃₂₂	2004 07 15.7	19 41.68 -49 40.7 20.2	-1.71 - 8.3	12.5/09.0	18216
2000 TM ₂₈	2004 07 15.5	19 40.68 -17 26.1 18.7	-0.89 - 0.8	1.6/16.1	47972	2000 PS ₁₂	2004 07 15.7	19 41.70 -07 19.0 18.7	-0.96 + 2.6	5.8/17.0	47908
2001 XS ₂₃₁	2004 07 15.5	19 40.69 -23 34.2 18.9	-0.96 - 0.8	0.8/15.3	50581	2000 EY ₄₄	2004 07 15.7	19 41.77 -30 20.5 19.9	-1.20 - 1.0	3.8/14.7	50464
2002 BM ₉	2004 07 15.5	19 40.70 -24 07.2 20.8	-0.80 - 2.3	0.7/15.1	30630	2003 FB ₅₀	2004 07 15.8	19 41.67 -54 33.7 21.7	-1.37 - 1.8	9.4/10.6	47423
2003 CU ₇	2004 07 15.5	19 40.80 -19 51.8 19.9	-0.92 - 3.5	0.5/15.8	50744	2001 SX ₂₅	2004 07 15.8	19 41.75 -26 42.9 20.3	-1.11 - 2.6	2.1/15.0	46611
2000 QF ₁₃₄	2004 07 15.5	19 40.81 -25 11.2 19.1	-0.96 - 2.1	1.7/15.0	50483	2000 SJ ₄₃	2004 07 15.8	19 41.77 -12 06.2 17.7	-0.97 + 2.0	3.8/16.7	22536
1996 TA ₃₀	2004 07 15.5	19 40.82 -35 12.3 20.2	-1.03 - 2.8	4.5/13.4	47705	2001 UC ₁₂₃	2004 07 15.8	19 41.82 -35 23.6 19.8	-1.14 - 5.1	6.1/13.2	46826
2001 UB ₂₆	2004 07 15.5	19 40.83 -29 09.6 18.5	-1.19 - 0.4	3.4/14.6	46787	2001 RE ₁₁₁	2004 07 15.8	19 41.83 -16 37.7 20.1	-1.02 - 4.3	1.8/16.6	48079
2001 UU ₁₀₃	2004 07 15.5	19 40.84 -18 10.9 21.5	-0.87 - 2.6	0.9/16.1	50570	1999 JE ₆₆	2004 07 15.8	19 41.84 +00 27.8 18.5	-0.77 - 4.4	9.6/20.2	33810
2001 XY ₁₆₉	2004 07 15.5	19 40.86 -18 11.5 21.1	-0.92 - 1.6	1.1/16.0	47038	2002 BV ₁₄	2004 07 15.8	19 41.86 -15 32.4 19.8	-0.76 - 2.8	1.6/16.8	48196
2001 VY ₆₄	2004 07 15.5	19 40.87 -20 40.9 19.1	-1.04 - 0.9	0.3/15.7	30543	2001 XA ₉₅	2004 07 15.8	19 41.88 -26 38.3 21.7	-1.02 - 3.2	1.7/15.0	30574
2000 UZ ₉	2004 07 15.5	19 40.87 -28 41.0 19.5	-0.83 - 2.8	1.9/14.4	30411	2002 AG ₁₅₉	2004 07 15.8	19 41.90 -22 42.6 19.0	-0.86 0.0	0.4/15.7	30623
2002 BX ₂₉	2004 07 15.5	19 40.90 -41 24.3 18.3	-1.21 - 0.9	7.3/12.7	31965	2001 UQ ₁₆₄	2004 07 15.8	19 41.95 -22 55.9 19.4	-1.07 - 4.6	0.7/15.6	30527
2000 RB ₆₈	2004 07 15.5	19 40.90 -32 12.8 16.9	-1.03 + 0.4	5.5/14.2	50487	2001 XX ₂₂₁	2004 07 15.8	19 41.96 -19 15.2 20.2	-1.00 - 2.0	0.8/16.2	50581
2002 CJ ₁₁₉	2004 07 15.5	19 40.91 -14 52.9 19.6	-0.80 - 5.3	2.1/16.8	48205	2001 SW ₆₅	2004 07 15.8	19 41.97 -09 53.9 18.7	-0.85 - 5.4	6.4/17.9	48090
2000 HY ₅₄	2004 07 15.6	19 40.88 -27 00.9 18.2	-0.93 - 3.7	2.9/14.7	50474	2001 UH ₂₆	2004 07 15.8	19 42.01 -14 50.8 19.7	-0.99 + 0.1	2.2/16.6	48134
2000 SP ₁₁₁	2004 07 15.6	19 40.89 -25 01.6 18.9	-0.93 - 2.1	1.5/15.1	47950	2000 HH ₁₆	2004 07 15.8	19 42.13 -30 12.7 18.7	-1.06 - 4.0	4.1/14.5	43363
1999 JP ₈₇	2004 07 15.6	19 40.91 -29 59.3 16.4	-0.79 - 9.9	4.2/13.5	41577	2001 TW ₃₆	2004 07 15.8	19 42.17 -41 11.8 18.3	-1.10 - 2.7	7.1/12.8	62367
2001 SD ₁₄₄	2004 07 15.6	19 40.92 -24 15.7 20.1	-1.09 - 1.5	1.1/15.2	48098	2000 SR ₃₁₉	2004 07 15.9	19 42.07 -44 56.4 19.0	-1.06 - 1.6	6.3/12.0	30406
2000 UL ₄₁	2004 07 15.6	19 40.93 -23 28.1 20.0	-0.80 - 1.9	0.5/15.3	47977	2001 VJ ₄₁	2004 07 15.9	19 42.13 -20 04.7 19.5	-0.98 - 2.2	0.5/16.1	30538
2001 XB ₁₇₅	2004 07 15.6	19 40.94 -21 41.3 19.4	-0.83 - 2.7	0.1/15.6	47039	2000 HK ₃₂	2004 07 15.9	19 42.18 -14 17.8 18.9	-0.97 - 0.9	3.4/16.8	43363
2001 UB ₁	2004 07 15.6	19 40.95 -17 29.9 19.5	-1.07 - 2.2	1.7/16.1	30503	2002 CM ₁₈₀	2004 07 15.9	19 42.18 -18 54.1 20.5	-0.96 - 6.6	1.0/16.4	30677
2003 FE ₅₇	2004 07 15.6	19 40.96 -37 06.6 19.9	-1.10 - 1.2	6.1/13.5	62443	2001 RU ₁₅₄	2004 07 15.9	19 42.21 -34 09.6 21.2	-1.14 - 2.3	5.1/14.1	48081
2000 WB ₁₇₅	2004 07 15.6	19 40.99 +01 00.2 20.0	-0.75 - 1.1	6.0/18.8	9886	1996 GU ₉	2004 07 15.9	19 42.22 -31 46.3 18.7	-0.99 - 4.2	5.4/14.0	27585
2001 XW ₁₃₆	2004 07 15.6	19 40.99 -18 45.5 17.8	-0.91 - 1.3	1.3/16.0	27322	2002 XZ ₈₁	2004 07 15.9	19 42.22 -31 23.1 19.2	-1.10 - 7.0	4.0/14.0	48305
2000 WB ₁₈₉	2004 07 15.6	19 41.00 -11 56.8 19.3	-0.81 - 0.4	3.0/16.9	47995	1998 CM ₁	2004 07 15.9	19 42.24 -46 22.2 18.9	-1.95 + 7.8	12.3/15.3	47723
2001 VF ₅₇	2004 07 15.6	19 41.04 -26 20.3 18.7	-1.04 - 0.3	2.4/15.0	43454	2001 RU ₁₄₂	2004 07 15.9	19 42.27 -13 24.6 19.4	-0.86 - 5.2	2.3/17.4	50552
2001 SE ₆₄	2004 07 15.6	19 41.05 +11 06.0 19.9	-0.86 - 1.3	10.1/20.9	48090	2002 AC ₁₆₀	2004 07 15.9	19 42.29 -16 34.9 21.1	-0.95 - 3.5	1.7/16.7	27814
2002 CQ ₁₆₅	2004 07 15.6	19 41.05 -19 37.1 19.7	-0.81 - 5.2	0.6/16.0	30673	1172 T-3	2004 07 15.9	19 42.40 +05 13.5 19.9	-0.80 + 0.5	9.5/19.0	2592
2000 QW ₉₉	2004 07 15.6	19 41.05 -23 03.2 18.7	-0.96 - 4.9	0.7/15.4	47919	2001 VX ₁₁₀	2004 07 15.9	19 42.43 -15 18.0 21.4	-0.88 - 0.9	1.8/16.8	30549
2001 YL ₈₀	2004 07 15.6	19 41.07 -21 35.0 19.4	-0.96 - 1.6	0.1/15.6	48179	2001 SX ₄₇	2004 07 15.9	19 42.44 -28 25.2 19.3	-1.08 - 4.1	2.8/14.8	50553
2001 XV ₄₄	2004 07 15.6	19 41.07 -36 47.2 18.6	-1.06 - 6.4	5.6/12.5	46976	2001 XW ₄₆	2004 07 15.9	19 42.48 -36 53.7 20.4	-0.90 - 3.6	4.2/13.3	48162
2001 TP ₂₁₂	2004 07 15.6	19 41.11 -29 19.0 19.0	-1.04 - 0.6	2.7/14.7	48130	1997 BS ₈	2004 07 15.9	19 42.51 -23 10.6 20.0	-0.91 + 0.2	0.6/15.8	26870
2000 SO ₃₄₇	2004 07 15.6	19 41.12 -30 58.3 16.9	-1.32 +15.0	5.1/16.2	20827	1999 HD ₄	2004 07 15.9	19 42.52 -40 43.9 20.2	-1.14 - 3.3	7.2/12.6	47776
2000 LV ₃₂	2004 07 15.6	19 41.14 -10 16.4 19.6	-0.97 - 3.3	4.9/17.4	41657	2000 QY ₂₃₃	2004 07 15.9	19 42.54 -13 38.3 19.5	-0.85 - 3.2	2.5/17.2	47930
2000 YM ₃₆	2004 07 15.6	19 41.18 -24 23.8 19.0	-0.82 - 4.8	0.8/15.1	31930	1998 YP ₂₀	2004 07 16.0	19 42.49 -24 36.4 18.2	-1.02 - 7.5	1.5/15.4	50401
2001 XL ₂₁₄	2004 07 15.6	19 41.23 -01 24.2 18.9	-0.97 + 3.5	6.5/17.2	38331	2001 TB ₆₆	2004 07 16.0	19 42.49 -12 09.7 19.6	-1.00 - 1.4	3.8/17.2	48119
2002 AY ₁₇	2004 07 15.6	19 41.23 +01 11.9 19.4	-0.87 - 2.1	7.0/19.0	30605	2001 RN ₆₅	2004 07 16.0	19 42.51 -13 14.6 19.9	-1.01 - 1.3	3.2/17.1	48074
1999 XR ₁₆₂	2004 07 15.6	19 41.25 +06 13.3 17.5	-0.91 + 6.5	10.8/16.8	62257	2003 AW ₇₂	2004 07 16.0	19 42.52 -49 41.1 20.9	-1.29 - 5.0	7.7/10.7	50735
2001 UU ₇₃	2004 07 15.6	19 41.26 -21 15.4 18.9	-1.03 - 3.8	0.1/15.7	48138	2000 WQ ₄₅	2004 07 16.0	19 42.53 -08 48.5 19.9	-0.80 - 1.0	4.1/17.8	47988
1999 CE ₄₈	2004 07 15.6	19 41.30 -21 54.6 18.8	-0.99 - 2.5	0.2/15.6	47767	2003 BD ₉₀	2004 07 16.0	19 42.55 -24 14.0 19.2	-1.02 - 0.8	1.1/15.7	47295
2001 YL ₇₀	2004 07 15.6	19 41.31 -26 11.4 19.0	-1.03 - 2.1	1.8/15.0	30597	2000 HA ₇₇	2004 07 16.0	19 42.56 -21 41.0 18.6	-0.92 - 5.0	0.2/16.0	47890
2002 UU ₁₁	2004 07 15.6	19 41.41 -34 37.2 19.2	-1.68 + 8.8	6.9/15.6	50702	2001 SU ₄₄	2004 07 16.0	19 42.57 -22 08.5 20.3	-1.06 - 3.8	0.3/15.9	46618

2000 SC ₁₁₁	2004 07 16.0	19 42.57 -37 48.4 19.9	-0.99 - 1.9	5.1/13.5	47950	2003 BF ₁₀	2004 07 16.2	19 43.63 -17 42.5 19.8	-1.01 - 3.1	1.4/16.8	48316
2000 RX ₁₈	2004 07 16.0	19 42.64 -29 45.6 16.7	-1.07 + 5.7	4.2/15.6	43384	2003 BJ ₁₂	2004 07 16.2	19 43.65 -23 45.2 20.1	-1.06 - 3.6	0.9/15.9	50738
2000 QB ₁₆₂	2004 07 16.0	19 42.64 -01 46.0 19.0	-0.85 - 4.5	7.5/19.6	47924	1996 AS ₁₃	2004 07 16.2	19 43.67 -20 36.5 19.6	-0.83 - 4.7	0.2/16.4	60476
2002 AZ ₁₃₉	2004 07 16.0	19 42.64 -22 03.9 20.1	-0.93 - 4.4	0.2/15.9	47149	2000 QH ₄₁	2004 07 16.2	19 43.73 -21 31.0 19.0	-0.98 - 0.8	0.1/16.3	47913
2000 SP ₁₉₇	2004 07 16.0	19 42.72 -19 27.2 20.0	-0.90 - 3.0	0.7/16.3	30398	2002 AF ₉₀	2004 07 16.2	19 43.75 -13 28.0 20.2	-0.93 - 3.1	2.5/17.5	38331
2001 SP ₂₂₈	2004 07 16.0	19 42.73 -23 52.9 20.1	-1.02 - 3.0	0.9/15.7	50558	1999 SF ₁₅	2004 07 16.3	19 43.68 -13 30.8 18.9	-0.90 + 2.7	2.9/17.0	6923
1999 XY ₁₄₄	2004 07 16.0	19 42.75 -09 57.9 20.1	-0.73 - 0.9	3.3/17.7	2700	2000 SB ₉₆	2004 07 16.3	19 43.69 -13 36.7 19.2	-0.89 - 1.1	3.2/17.3	47949
1998 BY ₁	2004 07 16.0	19 42.78 -19 46.3 20.2	-0.92 - 4.3	0.5/16.3	47721	2000 SO ₂₃	2004 07 16.3	19 43.75 -07 31.5 19.8	-0.84 - 3.7	4.9/18.7	50488
2002 AT ₁₀₉	2004 07 16.0	19 42.81 -17 35.2 18.5	-0.82 - 6.6	1.3/16.8	48190	2000 PB ₉	2004 07 16.3	19 43.76 -47 51.8 18.4	-1.11 - 4.9	13.4/09.6	10963
2003 FA ₁₁₇	2004 07 16.0	19 42.85 -17 19.3 20.8	-0.81 - 2.3	1.2/16.7	47491	2001 UD ₈₁	2004 07 16.3	19 43.77 -15 51.3 20.6	-0.92 - 2.3	1.8/17.1	46807
1998 TP	2004 07 16.0	19 42.86 -53 43.5 19.5	-1.58 - 4.0	10.8/10.0	47751	2003 FS ₇	2004 07 16.3	19 43.77 -13 44.1 20.3	-0.80 - 3.3	2.4/17.6	47396
2001 XS ₉₉	2004 07 16.0	19 42.89 -26 50.5 19.6	-0.92 - 3.0	1.7/15.2	30575	1998 SR ₇₅	2004 07 16.3	19 43.79 -16 24.8 19.6	-1.06 - 2.7	2.5/17.0	50393
1997 WN ₃₁	2004 07 16.0	19 42.93 -17 58.8 19.5	-1.02 - 2.9	1.3/16.6	47719	2001 VX ₄₅	2004 07 16.3	19 43.80 -33 28.6 19.0	-1.06 - 5.1	4.5/14.1	48150
2001 UL ₁₀₅	2004 07 16.0	19 42.93 -30 31.5 20.8	-1.04 - 3.4	3.2/14.6	46813	2001 SU ₉₈	2004 07 16.3	19 43.82 -22 11.1 20.0	-1.06 - 1.9	0.3/16.2	48093
2002 CX ₂₄₀	2004 07 16.0	19 42.94 -14 47.9 19.3	-0.81 - 2.4	2.0/17.1	62388	2000 XE ₁₅	2004 07 16.3	19 43.83 -45 36.6 19.3	-1.16 - 5.7	6.6/10.9	49856
2001 RS ₈₃	2004 07 16.1	19 42.93 -25 35.6 19.9	-1.10 - 1.7	1.6/15.5	50550	1999 RZ ₈₆	2004 07 16.3	19 43.85 -16 14.0 19.8	-0.81 - 3.5	2.0/17.2	47790
2001 WX ₄₈	2004 07 16.1	19 42.94 -20 34.0 20.0	-0.97 - 1.7	0.3/16.2	46947	2000 WB ₈	2004 07 16.3	19 43.86 -23 26.8 20.5	-0.85 - 4.6	0.7/15.9	47987
2001 QG ₁₄₀	2004 07 16.1	19 42.96 -19 26.0 18.4	-1.15 + 2.4	1.0/16.3	48056	2002 UQ ₂₉	2004 07 16.3	19 43.92 -52 06.8 19.0	-1.75 -10.8	13.9/08.4	41842
1999 TB ₁₀₇	2004 07 16.1	19 43.04 -10 40.9 18.5	-0.85 + 0.2	3.5/17.4	30321	2002 AE ₇	2004 07 16.3	19 43.94 -10 05.3 19.2	-0.84 - 0.2	3.6/17.8	33957
1998 FX ₂₄	2004 07 16.1	19 43.08 -26 50.3 20.4	-1.02 - 1.4	1.6/15.4	30263	2099 T-2	2004 07 16.3	19 43.97 -36 38.7 20.9	-1.09 - 1.3	5.0/14.1	48390
1999 RS ₂₈	2004 07 16.1	19 43.11 +04 27.7 19.6	-0.77 - 2.1	8.4/20.0	40357	2001 XX ₅₄	2004 07 16.3	19 43.99 -13 52.8 20.0	-0.99 - 3.6	3.1/17.5	48162
2001 SX ₁₃	2004 07 16.1	19 43.14 -25 48.4 19.7	-1.12 - 2.7	2.2/15.5	48083	2003 EA	2004 07 16.3	19 43.99 -12 54.3 18.4	-0.95 + 0.8	3.4/17.3	50177
2001 TP ₂₂₉	2004 07 16.1	19 43.18 -27 19.6 17.7	-1.10 - 7.7	3.1/14.9	31956	2001 SY ₅₇	2004 07 16.3	19 44.02 -14 25.6 20.4	-0.96 - 2.9	2.4/17.4	46622
2000 QO ₁₉₈	2004 07 16.1	19 43.24 -33 44.0 17.2	-0.85 - 0.7	6.7/14.5	41668	2000 WW ₁₅₈	2004 07 16.3	19 44.03 -36 10.9 19.7	-0.97 - 7.3	4.4/13.1	47993
2001 WC ₂₈	2004 07 16.1	19 43.25 -25 46.1 18.4	-1.04 - 6.3	1.9/15.3	46933	2001 TX ₁₀₅	2004 07 16.3	19 44.04 -01 06.2 19.2	-0.87 - 0.1	6.1/19.0	50563
2003 AZ ₅₇	2004 07 16.1	19 43.26 -24 40.3 20.1	-1.04 - 4.0	1.4/15.6	50734	2000 UX ₂₈	2004 07 16.3	19 44.06 -18 06.0 17.8	-0.91 + 1.4	1.2/16.7	47976
2001 TV ₁₉₂	2004 07 16.1	19 43.27 -02 23.3 19.2	-0.97 + 3.0	6.5/17.8	30495	2000 GS ₁₄₀	2004 07 16.3	19 44.08 -22 54.3 18.8	-1.02 - 3.7	0.8/16.1	50472
2000 YO ₁₀₈	2004 07 16.1	19 43.28 -25 58.6 20.1	-0.84 - 3.4	1.4/15.4	48001	2003 ET ₅	2004 07 16.3	19 44.10 -34 29.3 18.3	-1.01 + 0.2	4.8/14.8	50748
2000 GK ₄₁	2004 07 16.1	19 43.29 -26 49.2 18.5	-1.00 - 1.1	2.8/15.5	22136	2001 TS ₇₀	2004 07 16.3	19 44.10 -23 16.6 18.9	-1.02 - 2.2	0.8/16.1	50562
2002 BD ₂₃	2004 07 16.1	19 43.31 -35 35.1 19.9	-1.10 - 1.5	4.6/14.1	27439	2001 QA ₅₉	2004 07 16.4	19 44.13 -11 33.2 19.6	-0.93 - 3.4	5.5/17.9	23642
2000 GT ₁₃₂	2004 07 16.1	19 43.31 -65 31.3 18.0	-1.36 - 8.7	22.1/30.0	25778	2001 WY ₄₇	2004 07 16.4	19 44.13 -18 40.7 19.5	-0.98 - 5.1	1.0/16.9	46947
2000 WC ₁₅₂	2004 07 16.1	19 43.32 -19 48.3 20.4	-0.79 - 5.2	0.4/16.5	50508	2003 FZ ₂₉	2004 07 16.4	19 44.29 -36 31.6 19.5	-1.05 - 2.5	5.4/14.1	48345
1999 GB ₁₆	2004 07 16.1	19 43.33 -00 17.2 19.8	-0.87 - 2.9	7.3/20.0	60528	2001 TQ ₂₂₀	2004 07 16.4	19 44.30 -18 37.1 19.0	-1.01 - 1.2	1.1/16.8	50566
2000 SL ₄₂	2004 07 16.2	19 43.31 -02 28.8 20.3	-0.73 - 1.7	4.9/19.1	47943	2000 UL ₉₁	2004 07 16.4	19 44.30 -22 18.3 18.6	-0.94 - 0.3	0.4/16.3	47981
1999 GZ ₆	2004 07 16.2	19 43.36 -69 41.2 17.0	-1.95 - 2.8	19.6/03.0	62240	2000 SQ ₁₇₇	2004 07 16.4	19 44.31 -32 02.3 18.8	-0.93 - 0.7	3.3/15.0	47956
2000 QR ₃₈	2004 07 16.2	19 43.39 -25 11.6 19.0	-1.00 - 1.0	1.5/15.7	47913	1999 LO ₃₅	2004 07 16.4	19 44.39 +00 11.8 17.8	-0.94 -17.4	8.3/23.0	50411
2000 SB ₁₀₇	2004 07 16.2	19 43.39 -34 39.8 19.0	-1.05 - 1.6	4.7/14.2	30392	2000 HE ₂₇	2004 07 16.4	19 44.48 -22 51.3 18.4	-1.01 - 5.8	0.7/16.2	41640
2000 DP ₁₀₉	2004 07 16.2	19 43.41 -29 35.6 19.7	-1.22 - 0.5	3.7/15.3	47860	2003 EO ₃	2004 07 16.4	19 44.49 -29 18.5 20.2	-1.13 - 2.3	3.1/15.3	50748
2002 AZ ₁₃₇	2004 07 16.2	19 43.41 -18 00.7 19.2	-0.81 - 5.1	1.1/16.8	50587	1994 SK ₁	2004 07 16.4	19 44.53 -24 38.8 21.2	-0.78 - 2.1	0.8/16.0	47693
2001 VD ₁₀₆	2004 07 16.2	19 43.43 -12 26.9 19.4	-1.02 - 0.3	3.7/17.3	23924	2000 WP ₁₄₁	2004 07 16.4	19 44.53 -41 02.3 19.2	-1.01 - 4.9	5.9/12.4	47992
2001 TH ₁₆₃	2004 07 16.2	19 43.43 -27 17.3 21.1	-1.09 - 2.5	2.3/15.4	46759	2003 EG ₂₉	2004 07 16.4	19 44.55 -29 06.5 20.4	-0.97 - 2.3	2.8/15.3	47353
2000 QY ₁₁₉	2004 07 16.2	19 43.43 -37 16.3 18.2	-1.19 + 1.6	6.5/14.4	27683	2000 WV ₈	2004 07 16.5	19 44.55 -15 57.3 18.8	-0.88 + 0.5	1.7/17.1	9867
2001 TH ₁₉₂	2004 07 16.2	19 43.51 -32 03.7 20.2	-1.12 - 2.3	4.1/14.7	30494	2001 XW ₄₈	2004 07 16.5	19 44.72 -25 13.0 20.3	-0.96 - 3.0	1.3/15.9	46977
2000 WP ₁₈₂	2004 07 16.2	19 43.52 -21 22.4 18.3	-0.89 -10.1	0.0/16.2	47995	2000 SJ ₂₈	2004 07 16.5	19 44.72 -22 48.7 19.4	-0.97 - 0.3	0.6/16.4	47941
2001 TT ₇₉	2004 07 16.2	19 43.52 -20 13.6 18.8	-1.04 - 4.0	0.4/16.4	48120	2001 SY ₂₆₅	2004 07 16.5	19 44.73 -18 29.2 20.0	-1.05 - 2.6	1.1/16.9	46680
2002 AK ₂₀	2004 07 16.2	19 43.53 -21 05.6 20.6	-0.85 - 2.9	0.1/16.3	48185	2001 PH ₄₅	2004 07 16.5	19 44.79 -30 30.1 19.0	-1.24 + 0.1	4.1/15.5	50541
1997 YR ₇	2004 07 16.2	19 43.57 -23 50.8 17.2	-1.11 + 2.9	1.0/16.0	47721	2001 YY ₁₅₁	2004 07 16.5	19 44.81 -29 18.6 20.1	-1.13 - 2.8	3.4/15.3	49950
1997 EU ₃	2004 07 16.2	19 43.59 -20 37.9 18.9	-1.08 - 2.9	0.3/16.4	47709	3260 T-1	2004 07 16.5	19 44.83 -07 27.6 21.1	-0.68 - 2.3	3.3/18.8	3842
2000 SO ₂₈₂	2004 07 16.2	19 43.60 -17 55.5 19.0	-0.91 - 1.0	1.3/16.7	30403	2000 XW ₁₂	2004 07 16.5	19 44.84 -17 45.1 19.2	-0.88 + 1.2	1.0/17.0	9888
2001 SO ₁₃₁	2004 07 16.2	19 43.61 -23 49.1 19.5	-1.06 - 1.8	0.9/15.9	50556	2000 SJ ₁₉₆	2004 07 16.5	19 44.87 -21 21.8 19.6	-0.91 - 2.5	0.0/16.6	62309
2001 SN ₉₁	2004 07 16.2	19 43.62 -11 05.9 19.8	-1.01 - 2.7	4.1/17.8	46635	2003 FP ₉₇	2004 07 16.5	19 44.88 -20 50.1 18.6	-0.84 - 2.3	0.2/16.6	50757

2001 UG ₆₃	2004 07 16.5	19 44.90	-18 07.4	20.2	-1.03	- 2.3	1.2/17.0	46801
2001 YT ₅₁	2004 07 16.5	19 44.97	-35 20.2	19.5	-1.03	- 5.9	4.9/13.8	47086
2001 TH ₂₂₄	2004 07 16.6	19 44.90	-09 04.2	19.7	-0.90	- 0.4	3.8/18.2	56316
2002 AT ₈₄	2004 07 16.6	19 44.90	-14 29.0	20.4	-0.87	- 3.4	2.4/17.7	48188
2000 GO ₉₂	2004 07 16.6	19 44.94	-23 01.3	17.1	-0.93	- 4.0	0.9/16.3	47881
2001 SP ₁₄₀	2004 07 16.6	19 44.95	-08 37.8	19.8	-0.96	- 3.0	5.0/18.6	50556
2000 UM ₁₀	2004 07 16.6	19 44.97	-39 53.6	18.8	-1.15	- 5.4	6.9/12.7	47975
1999 RC ₇₄	2004 07 16.6	19 45.00	-14 06.9	19.2	-0.78	- 4.2	2.6/17.9	47789
2001 UK ₂₁	2004 07 16.6	19 45.03	-06 29.1	19.5	-1.00	- 0.3	5.5/18.4	46785
2000 XS ₂₂	2004 07 16.6	19 45.03	-16 55.2	19.8	-0.85	+ 1.0	1.3/17.1	47996
2001 VW ₁₁₇	2004 07 16.6	19 45.04	-30 34.3	18.4	-1.16	- 3.9	3.7/15.1	30550
2001 SS ₆₅	2004 07 16.6	19 45.05	-15 38.3	19.3	-1.02	- 3.9	2.2/17.5	48090
2000 DC ₇₄	2004 07 16.6	19 45.07	-12 07.1	19.3	-1.01	- 4.8	4.0/18.2	47858
2001 US ₂₉	2004 07 16.6	19 45.07	-29 33.8	19.3	-1.13	- 5.3	3.5/15.1	30508
2002 BC ₅	2004 07 16.6	19 45.10	-46 43.8	19.1	-1.14	+ 0.5	7.9/13.3	47161
2001 XC ₃₈	2004 07 16.6	19 45.11	-33 15.6	19.7	-1.10	- 1.3	4.2/14.9	26068
2001 UH ₁₆₇	2004 07 16.6	19 45.15	-36 06.1	19.0	-1.14	+ 0.3	5.4/14.9	48144
2001 QD ₂₄₉	2004 07 16.6	19 45.18	-35 45.3	18.1	-1.05	- 4.1	7.9/13.9	23676
2003 BB ₄₂	2004 07 16.6	19 45.21	-25 55.1	18.9	-1.03	- 0.8	1.8/16.1	41473
2001 WC ₇₂	2004 07 16.6	19 45.22	-31 43.8	19.8	-1.06	- 5.6	5.2/14.6	33503
2000 WH ₈₂	2004 07 16.6	19 45.23	-35 59.2	19.0	-0.96	- 4.0	5.0/13.9	47990
2003 FD ₃₁	2004 07 16.6	19 45.23	-26 37.5	20.3	-1.08	- 4.5	2.0/15.8	47410
2001 UY ₁₄₂	2004 07 16.6	19 45.27	-14 11.0	20.6	-0.93	- 2.5	2.5/17.7	46833
2000 WQ ₁₃₂	2004 07 16.6	19 45.28	-21 52.0	18.7	-0.87	+ 0.3	0.2/16.6	47992
2000 WX ₇₅	2004 07 16.6	19 45.29	-16 07.4	19.7	-0.83	- 0.2	1.6/17.3	47989
2001 YH ₉₉	2004 07 16.6	19 45.31	-22 01.6	20.1	-0.90	- 4.4	0.3/16.5	47098
2001 RV ₁₂₇	2004 07 16.6	19 45.34	-25 33.8	18.9	-1.02	- 4.0	2.2/16.0	50551
2000 SZ ₄₆	2004 07 16.6	19 45.36	+04 46.4	19.1	-0.82	- 3.4	10.7/21.9	47944
2000 ST ₂₄₂	2004 07 16.7	19 45.29	-16 49.7	19.8	-0.88	- 3.6	1.5/17.4	47961
5120 T-3	2004 07 16.7	19 45.30	-60 38.9	20.1	-1.43	- 2.8	10.3/07.7	8360
2000 KM ₅₈	2004 07 16.7	19 45.30	-21 55.7	19.5	-1.06	- 5.8	0.3/16.6	47898
2001 XY ₉	2004 07 16.7	19 45.38	-23 34.3	19.8	-0.92	- 0.1	0.7/16.4	27783
1998 WN ₂₈	2004 07 16.7	19 45.39	-18 24.2	19.6	-1.06	- 0.7	1.1/17.1	47758
2001 VE ₃₇	2004 07 16.7	19 45.40	-13 32.8	18.7	-0.98	- 1.2	3.3/17.7	48149
2003 FL ₃₂	2004 07 16.7	19 45.41	-27 40.2	20.0	-0.97	- 2.4	2.3/15.7	47411
2003 AS ₁₄	2004 07 16.7	19 45.42	-11 28.7	19.8	-0.97	- 0.2	3.7/18.0	50731
1999 GS ₃	2004 07 16.7	19 45.43	-58 27.8	21.0	-1.66	- 2.7	11.0/11.1	47775
1999 TG ₁₀₉	2004 07 16.7	19 45.44	+06 19.2	19.6	-0.74	- 0.9	7.9/21.0	50425
2001 CF ₁₈	2004 07 16.7	19 45.48	-20 48.2	19.0	-0.88	- 0.8	0.1/16.8	10764
2002 BQ ₂₃	2004 07 16.7	19 45.49	-40 12.2	19.9	-0.97	- 1.3	5.2/13.9	47164
2001 SG ₂₃₉	2004 07 16.7	19 45.59	-34 26.9	18.9	-1.19	- 4.9	5.9/14.3	25989
2000 QK ₁₂₄	2004 07 16.7	19 45.60	-19 41.8	17.3	-0.93	- 8.2	0.6/17.1	30370
2003 JE ₁₇	2004 07 16.7	19 45.61	-34 32.6	17.5	-1.22	+ 2.4	4.8/15.5	62445
2000 UP ₉₅	2004 07 16.7	19 45.63	-10 35.6	19.2	-0.83	- 0.3	3.3/18.2	29485
2000 UJ ₃₉	2004 07 16.7	19 45.66	-18 48.3	19.8	-0.86	- 2.5	0.8/17.2	47977
2002 AB ₆₇	2004 07 16.7	19 45.67	-25 05.8	19.3	-0.91	- 4.6	1.4/16.1	47137
2000 QT ₁₅	2004 07 16.7	19 45.70	-02 58.6	18.7	-0.86	- 8.8	6.6/21.0	47911
2001 XQ ₃₄	2004 07 16.7	19 45.71	-30 45.7	18.0	-1.19	+ 1.6	4.3/15.8	30565
2000 HH ₄₈	2004 07 16.7	19 45.72	-19 02.9	16.9	-0.70	- 1.7	1.3/17.1	47888
2003 AF ₁₇	2004 07 16.7	19 45.72	-28 14.9	18.3	-1.14	- 3.6	3.5/15.7	50731
2001 TU ₁₇₁	2004 07 16.7	19 45.74	-18 20.3	18.8	-1.10	+ 3.1	1.4/17.0	50565

2001 XK ₅	2004 07 16.7	19 45.75	-38 10.3	19.0	-1.09	- 6.6	6.3/13.3	46957
2000 EH ₂₀₀	2004 07 16.7	19 45.78	-17 53.8	17.8	-1.06	+ 0.1	1.6/17.2	41620
2000 SN ₂₉₄	2004 07 16.8	19 45.71	-25 37.8	19.3	-0.91	0.0	1.4/16.2	27723
2001 XW ₁₆₁	2004 07 16.8	19 45.75	-19 43.4	19.3	-0.96	- 4.8	0.8/17.1	48169
2063 P-L	2004 07 16.8	19 45.76	-15 27.9	19.9	-1.02	- 2.2	2.1/17.6	26180
2001 VT ₇₂	2004 07 16.8	19 45.77	-24 36.5	18.5	-1.03	- 2.1	1.5/16.3	50574
2000 ET ₆₀	2004 07 16.8	19 45.78	-29 30.5	19.8	-1.20	- 0.9	3.5/15.8	47864
2001 TL ₄₈	2004 07 16.8	19 45.80	-19 28.9	20.8	-1.00	- 3.0	0.6/17.1	50561
2002 CQ ₆₄	2004 07 16.8	19 45.81	-21 47.0	19.6	-0.83	- 6.6	0.2/16.7	48201
2001 UH ₂₀₅	2004 07 16.8	19 45.86	-25 43.6	18.6	-1.03	- 0.8	2.2/16.2	50572
2000 QJ ₇₉	2004 07 16.8	19 45.87	-18 29.1	19.4	-0.93	- 1.9	1.1/17.2	27679
1998 DA ₁₉	2004 07 16.8	19 45.89	-25 15.3	20.4	-0.99	- 2.3	1.4/16.2	47723
2001 TH ₇₉	2004 07 16.8	19 45.90	-19 04.0	18.8	-1.08	- 5.3	1.0/17.2	48120
1999 JU ₂₈	2004 07 16.8	19 45.94	-22 43.7	18.3	-0.92	- 0.9	0.7/16.6	47778
2001 UX ₂₀₁	2004 07 16.8	19 45.97	-19 23.4	20.0	-0.98	- 1.7	0.7/17.1	46853
2001 UO ₉	2004 07 16.8	19 46.01	-18 22.9	20.1	-1.01	- 4.3	1.2/17.3	48133
2000 WQ ₁₆	2004 07 16.8	19 46.02	-23 08.7	20.8	-0.85	- 2.5	0.6/16.6	29531
2003 EO ₂	2004 07 16.8	19 46.05	-18 54.8	19.6	-0.95	- 3.0	0.9/17.2	50748
2001 SN ₁₃₄	2004 07 16.8	19 46.16	-10 38.0	19.7	-0.98	- 3.1	4.3/18.6	50556
2002 EZ ₅₈	2004 07 16.8	19 46.17	-19 40.9	21.0	-0.82	- 2.2	0.5/17.1	48219
2000 SV ₁₈₂	2004 07 16.8	19 46.17	-11 00.3	19.8	-0.83	- 3.0	3.4/18.6	29377
2000 QC ₆₆	2004 07 16.9	19 46.13	-31 28.7	18.5	-0.99	- 5.4	4.6/14.9	47915
2002 CW ₄₇	2004 07 16.9	19 46.13	-05 06.3	18.2	-0.72	- 5.4	5.3/20.3	50590
2001 VY ₁₁₇	2004 07 16.9	19 46.17	-23 15.7	19.1	-1.08	- 2.3	0.8/16.6	48155
2001 UJ ₆₄	2004 07 16.9	19 46.20	-17 36.1	19.7	-1.08	- 0.7	1.4/17.4	23864
2003 HC ₃	2004 07 16.9	19 46.25	-10 43.8	19.5	-0.86	- 2.0	3.8/18.5	47541
2002 AE ₅₃	2004 07 16.9	19 46.26	-18 23.4	19.4	-0.88	0.0	0.9/17.3	33957
2001 WC ₄₂	2004 07 16.9	19 46.28	-26 55.3	21.0	-1.00	- 3.7	2.1/16.0	46945
2000 UM ₃₉	2004 07 16.9	19 46.31	-32 59.5	20.1	-1.01	- 3.6	3.8/14.9	13790
2001 UE ₁₄₄	2004 07 16.9	19 46.31	-07 02.9	20.3	-0.90	- 2.7	5.4/19.3	48142
2001 XG ₆₄	2004 07 16.9	19 46.34	-21 53.5	19.7	-0.96	- 4.1	0.2/16.8	46987
2000 AP ₁	2004 07 16.9	19 46.35	-34 59.6	19.9	-1.27	- 8.6	5.1/14.2	40034
2000 UX ₅₉	2004 07 16.9	19 46.38	-34 50.6	18.9	-0.98	- 1.2	4.6/15.0	47979
1999 BV ₂₆	2004 07 16.9	19 46.41	-21 23.7	20.7	-1.08	- 2.5	0.1/16.9	47765
2002 AG ₁₈	2004 07 16.9	19 46.42	-20 44.1	18.9	-0.89	- 6.4	0.2/17.1	53697
2001 RE ₄₅	2004 07 16.9	19 46.47	-14 25.4	18.5	-0.96	- 6.1	3.1/18.2	48072
2001 XA ₈₈	2004 07 16.9	19 46.51	-23 42.7	20.5	-0.93	- 3.7	0.8/16.6	26074
2003 EH ₁₇	2004 07 16.9	19 46.57	-15 25.2	19.7	-0.92	- 2.9	2.0/17.9	50749
2003 AR ₈₂	2004 07 17.0	19 46.53	-26 08.2	19.0	-1.13	+ 0.1	2.2/16.4	50736
2002 EZ ₁₂₆	2004 07 17.0	19 46.55	-01 48.3	20.9	-0.74	- 3.5	5.3/20.5	31477
2001 QG ₁₅₇	2004 07 17.0	19 46.57	-20 21.5	18.5	-1.12	- 0.5	0.4/17.1	50545
2001 QL ₁₃₈	2004 07 17.0	19 46.61	-28 28.0	18.2	-1.14	+ 0.8	3.5/16.2	46554
2001 TG ₇₅	2004 07 17.0	19 46.67	-18 26.3	20.0	-1.08	- 2.7	1.2/17.4	30481
2000 SZ ₃₂₄	2004 07 17.0	19 46.72	-24 38.3	20.7	-0.87	- 2.3	1.1/16.5	47967
2000 JJ ₁₅	2004 07 17.0	19 46.78	-14 42.5	19.6	-1.01	- 2.1	2.8/18.0	47892
2003 GG ₁₅	2004 07 17.0	19 46.79	-31 34.1	20.5	-1.14	- 3.1	4.1/15.4	50760
2001 VP ₁₂₀	2004 07 17.0	19 46.82	-31 56.9	18.7	-1.02	- 6.0	4.1/14.9	48155
2002 CG ₂₇₅	2004 07 17.0	19 46.83	-42 54.0	18.4	-1.21	- 0.1	7.5/14.2	62388
1999 JX	2004 07 17.0	19 46.86	-15 26.4	18.5	-0.89	- 8.2	2.2/18.3	62241
2000 KJ ₉	2004 07 17.0	19 46.90	-09 21.9	17.8	-0.99	- 0.5	5.8/18.5	47896
2000 QE ₃₂	2004 07 17.0	19 46.91	-36 09.8	18.2	-1.01	- 0.9	7.3/14.8	62305

2001 SP ₃₂₇	2004 07 17.0	19 46.92 -26 31.0 20.3	-1.08 - 2.9	2.0/16.3	50560	2001 YU ₉₁	2004 07 17.3	19 47.94 -21 47.1 19.8	-0.89 + 0.1	0.2/17.3	48180
1998 FR	2004 07 17.0	19 46.96 -20 15.4 19.7	-0.87 - 3.4	0.3/17.2	50382	2002 EL ₁₃₂	2004 07 17.3	19 47.94 -26 38.8 20.8	-0.90 - 0.5	1.7/16.6	48223
2003 BY ₆₃	2004 07 17.0	19 46.97 -11 56.0 19.1	-0.85 - 4.4	3.2/18.8	50741	2000 SC ₃₁₈	2004 07 17.3	19 47.96 -26 19.2 16.4	-1.05 + 9.1	2.7/17.3	47967
2000 SJ ₁₅₂	2004 07 17.0	19 46.98 -37 08.4 19.3	-0.96 - 2.2	4.9/14.5	47954	2001 WN ₃₉	2004 07 17.3	19 47.98 -16 57.4 18.9	-0.97 - 5.3	1.8/18.1	46942
2001 YV ₁₀	2004 07 17.1	19 46.92 -25 51.4 20.2	-1.02 - 1.8	1.7/16.4	47075	2002 CF ₆₁	2004 07 17.3	19 48.02 -30 08.4 19.8	-0.85 - 4.5	2.8/15.7	48201
1999 VU ₂₁₈	2004 07 17.1	19 47.01 -01 57.7 21.5	-0.71 - 1.9	4.8/20.0	17091	2001 SK ₆₉	2004 07 17.3	19 48.02 -30 39.6 19.9	-1.14 - 4.4	3.7/15.7	48091
1997 RV ₉	2004 07 17.1	19 47.02 -34 54.6 18.7	-1.13 - 1.6	6.1/15.1	50379	2000 GX ₉₁	2004 07 17.3	19 48.03 -14 52.2 16.7	-0.90 - 7.3	3.0/18.7	47881
2000 QO ₂₂₈	2004 07 17.1	19 47.06 -04 34.3 19.5	-0.84 - 3.7	5.4/20.0	27690	2001 SY ₁₆₁	2004 07 17.3	19 48.08 -20 19.4 19.9	-1.08 - 2.1	0.3/17.5	48100
2003 GY ₃	2004 07 17.1	19 47.07 -17 36.1 20.6	-1.04 - 2.7	1.3/17.7	62444	1999 RF ₈₂	2004 07 17.3	19 48.10 -20 43.6 19.4	-0.86 - 0.8	0.1/17.4	35476
2000 XP ₁₆	2004 07 17.1	19 47.09 -17 40.3 20.0	-0.83 + 0.4	1.0/17.6	30435	2001 RK ₇₇	2004 07 17.3	19 48.11 -17 31.5 19.4	-1.00 - 3.3	1.4/17.9	50550
2000 SF ₂₄₈	2004 07 17.1	19 47.10 -31 03.7 19.2	-0.99 - 1.7	3.5/15.7	47962	2001 WG ₃₉	2004 07 17.3	19 48.15 -27 07.7 18.6	-1.10 - 8.2	2.6/16.1	30556
2001 SN ₆₇	2004 07 17.1	19 47.22 -21 54.1 20.5	-1.07 - 3.7	0.3/17.0	25968	2001 XL ₄₂	2004 07 17.3	19 48.15 -34 22.0 19.2	-1.05 - 0.6	4.4/15.6	48161
1104 T-3	2004 07 17.1	19 47.23 -20 14.7 19.9	-0.94 - 0.6	0.3/17.3	27869	2001 XK ₂₁₃	2004 07 17.3	19 48.17 -12 11.9 18.9	-0.96 - 1.5	3.4/18.6	47054
2003 CV ₂	2004 07 17.1	19 47.24 -19 12.3 19.6	-1.11 - 0.8	0.8/17.4	48324	2001 XN ₉₁	2004 07 17.3	19 48.19 -37 04.6 21.6	-1.03 - 4.0	4.8/14.5	47003
2002 AN ₂₀₃	2004 07 17.1	19 47.24 -20 42.9 22.0	-0.80 - 2.1	0.1/17.2	47159	1998 XC ₁₆	2004 07 17.4	19 48.14 -43 53.6 19.7	-1.31 - 7.9	7.8/12.4	46349
2003 FS ₄₃	2004 07 17.1	19 47.27 -25 49.5 20.5	-0.88 - 2.0	1.6/16.5	50755	4117 T-3	2004 07 17.4	19 48.14 -19 39.0 19.3	-0.88 - 3.7	0.5/17.7	30774
2002 AZ ₁₁₉	2004 07 17.1	19 47.28 -18 39.1 20.2	-0.84 - 5.2	0.8/17.6	30618	1992 SW ₉	2004 07 17.4	19 48.17 -32 05.2 20.8	-1.06 - 1.7	4.0/15.8	47685
1993 TG ₁₂	2004 07 17.1	19 47.30 -40 08.9 17.3	-1.26 - 1.8	9.0/13.9	47689	2001 GC ₁	2004 07 17.4	19 48.18 -00 12.5 18.7	-1.11 -19.0	10.0/23.9	13848
2000 FC ₁₇	2004 07 17.1	19 47.30 -24 56.7 18.5	-1.04 - 4.8	1.8/16.5	41621	2002 AX ₄₅	2004 07 17.4	19 48.24 -19 31.8 20.8	-0.79 - 2.4	0.5/17.7	48186
2000 WG ₁₃₇	2004 07 17.1	19 47.31 -09 21.6 19.4	-0.80 - 0.6	3.7/18.9	60727	1999 CP ₅₁	2004 07 17.4	19 48.29 -23 42.8 19.4	-1.04 - 3.7	0.9/17.0	47767
2001 TP ₁₄₈	2004 07 17.1	19 47.35 -26 19.8 18.6	-0.93 - 7.2	2.7/16.1	48126	2001 UY ₆₁	2004 07 17.4	19 48.30 -43 05.0 19.2	-1.21 - 1.4	8.1/14.4	50569
1998 FX ₁₃₃	2004 07 17.1	19 47.38 -20 11.9 19.7	-0.86 - 2.6	0.4/17.3	50384	2001 XZ ₁₄₂	2004 07 17.4	19 48.36 -23 48.1 20.3	-0.97 - 3.6	1.0/17.0	27324
2000 KE ₈₃	2004 07 17.1	19 47.38 -12 56.2 17.7	-0.82 - 4.1	4.3/18.7	26966	2001 VH ₂₄	2004 07 17.4	19 48.36 -29 02.3 19.2	-1.03 - 3.1	2.9/16.2	46870
2001 YE ₇₉	2004 07 17.2	19 47.34 -26 03.3 19.6	-0.87 - 1.6	1.5/16.5	50583	2000 DC ₆₈	2004 07 17.4	19 48.39 -14 49.4 19.1	-1.00 - 5.6	2.9/18.6	47858
2003 ET ₁₆	2004 07 17.2	19 47.41 -22 43.6 17.7	-1.03 + 0.3	0.8/17.0	61714	2001 TZ ₆₁	2004 07 17.4	19 48.40 -17 00.1 20.3	-1.00 - 3.4	1.6/18.1	48118
2002 BE ₁₅	2004 07 17.2	19 47.43 -13 58.5 18.4	-0.81 - 5.5	2.5/18.6	30632	2001 UL ₄₇	2004 07 17.4	19 48.44 -08 47.7 20.1	-0.97 - 2.8	5.2/19.3	23859
2000 QD ₁₇₁	2004 07 17.2	19 47.46 -23 23.2 19.3	-0.99 - 0.2	0.8/16.9	47925	2000 WE ₄₈	2004 07 17.4	19 48.45 -05 40.8 18.5	-0.79 + 0.6	4.9/19.4	47989
2001 XY ₁₉₈	2004 07 17.2	19 47.50 -21 33.4 19.4	-0.90 - 7.5	0.1/17.2	26087	2003 FM ₆₃	2004 07 17.4	19 48.46 -19 50.1 20.1	-1.01 - 3.7	0.5/17.7	61715
2002 AF ₁₅₅	2004 07 17.2	19 47.51 -28 37.8 19.5	-1.06 - 2.0	2.5/16.1	27813	2001 UN ₁₄₀	2004 07 17.4	19 48.51 -29 25.1 20.5	-1.02 - 3.5	2.9/16.1	46831
2001 TX ₁₉₀	2004 07 17.2	19 47.51 -16 49.0 19.4	-1.04 - 0.9	1.8/17.8	30494	1999 AF ₃₂	2004 07 17.4	19 48.51 -21 21.1 20.1	-1.02 - 5.8	0.1/17.4	19367
2003 FR ₉₈	2004 07 17.2	19 47.52 -28 05.3 19.5	-0.88 - 2.7	2.2/16.1	47471	2001 SN ₁₄₄	2004 07 17.4	19 48.52 -23 41.1 19.5	-1.08 - 1.5	1.0/17.1	50556
2000 SZ ₂₈₆	2004 07 17.2	19 47.63 -16 46.2 19.9	-0.89 - 1.8	1.6/17.9	30404	2001 XJ ₃₆	2004 07 17.4	19 48.60 -19 06.1 18.3	-1.04 + 1.9	0.8/17.7	46971
2001 SB ₁₅₃	2004 07 17.2	19 47.66 -30 05.8 20.5	-1.13 - 1.2	3.5/16.1	46655	1999 RJ ₁₆₅	2004 07 17.5	19 48.54 -15 48.8 18.4	-0.80 - 2.0	2.1/18.3	30312
2002 AL ₁₄₉	2004 07 17.2	19 47.69 -23 26.8 19.6	-0.85 - 5.7	0.8/16.8	50587	2002 CQ ₆₇	2004 07 17.5	19 48.55 -22 12.1 19.9	-0.98 - 2.2	0.4/17.3	48201
2000 XT ₆	2004 07 17.2	19 47.69 -37 12.0 19.6	-0.95 - 3.0	4.2/14.4	31928	2001 VG ₃₄	2004 07 17.5	19 48.57 -39 00.5 19.2	-1.07 - 6.6	6.8/13.7	48149
2002 AQ ₁₈₆	2004 07 17.2	19 47.70 -31 30.2 20.8	-1.08 + 0.2	3.5/16.0	29758	2001 YS ₁₁₇	2004 07 17.5	19 48.58 -26 26.8 19.9	-0.92 - 4.7	1.7/16.5	48182
2001 VB ₁₂₆	2004 07 17.2	19 47.71 -26 19.5 18.6	-0.86 - 5.0	2.8/16.3	38329	2001 WW ₃₀	2004 07 17.5	19 48.58 -20 16.1 19.4	-0.89 - 3.7	0.3/17.7	48157
2000 UO ₅₁	2004 07 17.2	19 47.71 -27 11.0 19.3	-0.87 - 2.2	1.8/16.3	30414	2000 SX ₄₇	2004 07 17.5	19 48.60 +03 05.3 19.1	-0.78 + 0.5	12.2/20.0	13745
2001 SG ₂₆	2004 07 17.2	19 47.79 -02 36.4 20.0	-0.92 - 4.0	6.6/20.7	48085	2000 LY ₂₃	2004 07 17.5	19 48.62 +08 00.0 17.8	-0.85 + 7.6	15.3/18.6	18280
2001 UM ₂₁₀	2004 07 17.2	19 47.79 -24 26.0 20.7	-1.06 - 2.0	1.3/16.8	48146	1999 TD ₂₈₆	2004 07 17.5	19 48.65 -12 08.6 19.0	-0.79 - 0.4	2.8/18.8	47814
2002 CU ₁₄₉	2004 07 17.3	19 47.71 -13 48.2 20.0	-0.79 - 6.3	2.5/18.8	30670	2001 XH ₂₅₁	2004 07 17.5	19 48.65 -25 02.9 19.1	-0.96 - 4.6	1.5/16.8	48174
1998 XF ₉	2004 07 17.3	19 47.74 -14 00.0 17.9	-1.10 + 1.2	3.6/18.0	47759	3562 T-3	2004 07 17.5	19 48.69 -28 06.3 19.9	-0.95 - 3.4	2.6/16.3	7415
2001 WA ₂₈	2004 07 17.3	19 47.75 -17 53.4 20.4	-1.04 - 3.5	1.3/17.8	46932	2001 YT ₆₅	2004 07 17.5	19 48.71 -27 46.4 21.3	-0.82 - 3.1	1.7/16.4	26100
2000 HW ₆₄	2004 07 17.3	19 47.75 -13 41.7 19.0	-1.03 - 2.2	3.3/18.4	41642	2001 RT ₂₄	2004 07 17.5	19 48.71 -21 20.9 19.7	-1.13 - 2.9	0.1/17.5	48071
2001 TO ₂₈	2004 07 17.3	19 47.76 -17 21.7 18.3	-1.07 + 1.2	2.0/17.7	23793	2003 EF ₃₈	2004 07 17.5	19 48.73 -01 39.9 19.7	-0.85 - 2.6	6.7/21.0	50751
2000 HF ₆₀	2004 07 17.3	19 47.82 -37 58.4 19.1	-1.14 - 2.4	8.0/14.7	19676	2002 AY ₁₆₉	2004 07 17.5	19 48.73 -23 21.6 19.3	-0.86 - 2.3	0.8/17.2	62386
2001 PB ₂₅	2004 07 17.3	19 47.84 -25 08.1 18.8	-1.16 - 0.5	1.7/16.8	41701	2001 SQ ₂₁₂	2004 07 17.5	19 48.80 -33 03.7 19.2	-1.16 - 3.2	5.7/15.6	48103
2001 VQ ₇	2004 07 17.3	19 47.85 -23 23.0 19.7	-0.98 - 2.7	0.8/17.0	62379	2003 BV ₃₄	2004 07 17.5	19 48.86 -24 02.6 19.8	-1.04 - 3.9	1.2/17.1	50739
2000 GJ ₃₉	2004 07 17.3	19 47.89 -11 01.8 20.5	-1.00 - 3.6	4.4/19.0	47878	2001 SY ₆₇	2004 07 17.5	19 48.86 -13 46.2 19.2	-0.95 - 5.3	3.4/18.9	48091
2000 HM ₃₂	2004 07 17.3	19 47.90 -22 16.5 19.0	-0.98 - 2.1	0.6/17.2	47887	2000 RM ₁₆	2004 07 17.5	19 48.87 -21 36.4 18.1	-1.00 + 1.3	0.2/17.5	47932
2002 CJ ₈₅	2004 07 17.3	19 47.90 -29 56.9 20.2	-1.06 + 2.0	3.0/16.4	35155	2001 YA ₁₂₇	2004 07 17.5	19 48.89 -26 41.5 19.7	-1.06 - 1.5	2.3/16.8	47110

2001 SL ₁₁₉	2004 07 17.5	19 48.93	-12 34.6	18.4	-1.01	- 1.2	4.2/18.8	48095
2000 OK ₁₈	2004 07 17.5	19 48.94	-17 06.8	16.7	-0.74	- 8.6	2.0/18.5	43374
2000 HU ₉₉	2004 07 17.5	19 49.00	-28 49.5	18.6	-1.06	- 5.3	3.4/16.2	50475
2002 CU ₄₁	2004 07 17.6	19 48.93	-07 17.3	19.4	-0.78	- 0.7	4.3/19.6	48200
2001 XS ₉₀	2004 07 17.6	19 48.94	-24 14.3	19.6	-1.08	- 2.3	1.2/17.1	30573
2000 UX ₈₃	2004 07 17.6	19 48.99	-31 58.6	19.2	-0.89	- 4.2	3.4/15.6	47981
2003 DV ₁₃	2004 07 17.6	19 49.04	-31 20.5	20.1	-1.19	- 2.1	4.3/16.1	50747
2002 YW ₁₅	2004 07 17.6	19 49.13	-40 26.7	19.6	-1.77	+ 7.4	9.8/16.8	48307
2000 QC ₁₇₆	2004 07 17.6	19 49.13	-16 39.4	19.6	-0.97	- 1.6	1.7/18.3	47926
2001 QD ₆₂	2004 07 17.6	19 49.13	-24 11.4	19.9	-1.16	- 0.3	1.3/17.3	48050
2000 RJ ₁₈	2004 07 17.6	19 49.14	-26 02.2	18.7	-0.95	- 0.2	1.5/17.0	30378
2001 SW ₁₅	2004 07 17.6	19 49.15	-18 29.5	19.9	-1.05	- 3.7	1.0/18.1	46609
2003 FC ₅₉	2004 07 17.6	19 49.17	-25 14.3	21.2	-1.03	- 3.3	1.5/17.0	62443
2000 VL ₅₈	2004 07 17.6	19 49.20	-00 41.4	19.9	-0.80	+ 0.1	5.9/20.4	9865
2001 YB ₈₅	2004 07 17.6	19 49.25	-21 16.9	21.9	-0.98	- 1.6	0.1/17.6	26103
2001 VX ₁₇	2004 07 17.6	19 49.28	-41 45.8	20.3	-1.17	- 4.8	7.0/13.6	30532
2002 CY ₃₃	2004 07 17.6	19 49.31	-28 10.3	19.5	-0.88	- 6.1	2.2/16.2	48199
2000 UX ₉₂	2004 07 17.6	19 49.36	-11 42.9	19.1	-0.81	- 0.5	2.8/19.0	47981
1999 RD ₁₅₅	2004 07 17.6	19 49.36	-36 23.8	19.5	-1.02	+ 0.3	4.5/15.6	11547
2001 UW ₁₃₉	2004 07 17.6	19 49.38	-07 14.9	18.3	-0.96	+ 2.6	7.4/18.9	30523
2003 DC ₃	2004 07 17.6	19 49.42	-31 41.0	20.3	-1.05	- 0.8	3.7/16.3	48327
2001 SF ₁₃₁	2004 07 17.7	19 49.36	-13 03.6	19.1	-1.03	- 3.0	3.9/18.9	48097
2000 UL ₂₇	2004 07 17.7	19 49.39	-30 12.5	19.1	-0.91	- 5.6	3.1/15.9	47976
2001 YW ₉₁	2004 07 17.7	19 49.41	-21 46.8	19.1	-0.82	- 4.2	0.2/17.6	50583
2003 AS ₅₉	2004 07 17.7	19 49.47	-14 40.2	20.4	-1.02	-10.2	2.2/19.2	48313
2001 WY ₂₈	2004 07 17.7	19 49.48	-23 49.1	19.2	-1.03	- 6.0	1.1/17.2	46934
2002 AV ₁₂₃	2004 07 17.7	19 49.50	-17 39.3	19.5	-0.79	- 4.5	1.0/18.4	30618
2003 CH ₃	2004 07 17.7	19 49.51	-25 32.5	19.3	-1.00	- 4.7	1.5/16.9	50744
2003 EW ₂₇	2004 07 17.7	19 49.53	-04 41.6	18.7	-0.76	- 5.0	5.5/21.2	47349
2001 UF ₁₇₅	2004 07 17.7	19 49.58	-15 34.9	18.2	-0.94	- 4.8	2.2/18.7	43450
2001 SE ₁₆₃	2004 07 17.7	19 49.63	-13 29.9	20.5	-0.87	- 2.6	2.1/19.0	46657
2000 RJ	2004 07 17.7	19 49.66	+00 25.7	18.0	-0.79	+ 3.3	11.3/19.8	5035
2000 UM ₁₅	2004 07 17.7	19 49.67	-34 00.7	19.7	-0.92	- 3.4	4.0/15.4	50498
2003 FV ₃₄	2004 07 17.7	19 49.67	-24 53.6	20.0	-0.96	- 2.4	1.4/17.2	47412
2001 XG ₉₅	2004 07 17.7	19 49.68	-39 37.7	19.0	-1.10	- 6.2	6.8/13.9	48165
2001 VE ₁₉	2004 07 17.7	19 49.70	-18 40.9	20.7	-1.02	- 2.1	0.9/18.1	30532
2000 UJ ₈₄	2004 07 17.7	19 49.72	-35 48.6	18.8	-0.94	- 3.4	4.5/15.1	47981
2002 AD ₁₇	2004 07 17.7	19 49.72	-13 36.8	18.9	-0.86	+ 0.2	2.6/18.7	47124
2000 EH ₉	2004 07 17.7	19 49.73	-29 30.9	16.5	-1.02	+ 7.6	5.0/17.5	20754
2000 SC ₁₀	2004 07 17.7	19 49.74	-34 40.5	20.6	-1.04	- 2.9	4.7/15.4	47940
2001 SG ₁₃₁	2004 07 17.7	19 49.75	-27 25.0	19.0	-1.12	- 1.3	2.6/16.9	43425
2001 TO ₇₈	2004 07 17.7	19 49.75	-14 37.7	19.0	-1.01	- 2.9	2.9/18.8	46733
2002 AG ₄₉	2004 07 17.7	19 49.77	-18 38.0	20.8	-0.94	- 3.8	0.8/18.2	48186
2003 BS ₁₅	2004 07 17.7	19 49.78	-17 56.6	18.3	-0.83	- 7.9	1.1/18.5	50738
2000 SP ₂₄₅	2004 07 17.7	19 49.80	-19 25.5	18.9	-0.92	- 1.6	0.6/18.0	47962
2002 AV ₃₉	2004 07 17.7	19 49.82	-17 57.9	18.7	-1.01	- 1.8	1.1/18.2	30608
2001 SB ₂₀₇	2004 07 17.8	19 49.74	-13 14.4	20.0	-0.99	- 4.2	3.3/19.2	50557
2001 YB ₁₀₅	2004 07 17.8	19 49.75	-17 38.1	19.5	-0.89	- 2.8	1.2/18.4	48181
2000 WE ₁₅₆	2004 07 17.8	19 49.78	-36 59.4	21.2	-0.95	- 2.6	4.6/15.0	47993
2000 WJ ₂₅	2004 07 17.8	19 49.78	-50 05.4	18.8	-1.15	- 7.8	9.4/10.6	62311
2000 GW ₁₇₀	2004 07 17.8	19 49.80	-36 22.6	17.3	-1.19	- 0.3	7.9/15.6	30354

2001 YK ₆₈	2004 07 17.8	19 49.82	-26 47.5	19.0	-0.87	- 2.8	1.9/16.9	50583
1999 RL ₂₀₁	2004 07 17.8	19 49.88	+05 38.3	19.4	-0.78	- 1.5	7.8/21.8	47796
2001 XK ₁₃	2004 07 17.8	19 49.91	-29 28.8	21.4	-0.97	- 2.6	2.8/16.5	46960
2001 SG ₆₇	2004 07 17.8	19 49.91	-20 01.8	19.7	-1.05	- 3.9	0.5/18.0	48091
2002 AR ₁₅₉	2004 07 17.8	19 49.96	-19 35.9	19.1	-1.01	- 1.2	0.5/18.0	30623
2000 SL ₈₅	2004 07 17.8	19 49.96	-45 54.3	18.7	-1.16	- 4.0	10.3/12.5	50489
2003 BQ ₃₁	2004 07 17.8	19 49.98	-21 50.5	20.0	-1.02	- 1.9	0.3/17.7	47275
1996 PH ₄	2004 07 17.8	19 50.09	-22 20.3	19.2	-1.05	- 1.6	0.5/17.7	27585
2001 SD ₁₁₈	2004 07 17.8	19 50.09	-13 04.7	20.3	-1.05	- 1.8	3.1/19.0	23738
1998 HW ₂₈	2004 07 17.8	19 50.11	-16 45.3	20.4	-0.88	- 3.2	1.4/18.6	27602
1999 TU ₂₀₆	2004 07 17.8	19 50.18	-41 58.6	18.6	-1.81	+ 7.4	10.7/17.0	43354
2002 AG ₁₀₆	2004 07 17.8	19 50.18	-23 33.3	20.5	-0.99	- 2.7	0.9/17.5	48190
2001 SJ ₂₉₃	2004 07 17.8	19 50.18	-28 05.4	20.4	-1.14	- 1.4	3.0/16.9	61087
2000 RY ₂₅	2004 07 17.8	19 50.19	+03 48.6	18.7	-0.81	- 1.9	10.7/22.3	6320
2001 SD ₁₄₃	2004 07 17.8	19 50.19	-12 09.9	18.0	-0.98	- 1.5	4.5/19.2	48098
1997 YV ₁₆	2004 07 17.9	19 50.14	-23 08.8	18.3	-1.03	- 1.7	0.9/17.6	47721
2001 XK ₅₄	2004 07 17.9	19 50.15	-19 28.7	19.9	-1.04	- 3.0	0.7/18.1	48162
2002 CF ₁₂₄	2004 07 17.9	19 50.16	-12 05.9	19.5	-0.97	- 3.4	3.5/19.3	48205
2001 XV ₂₃₂	2004 07 17.9	19 50.20	-27 27.4	20.9	-1.01	- 2.5	2.3/16.9	47064
2001 TF ₁₈₁	2004 07 17.9	19 50.22	-27 57.6	20.4	-1.08	- 1.9	2.8/16.9	48128
2001 TF ₁₀₄	2004 07 17.9	19 50.27	-32 44.0	19.1	-1.11	- 3.9	4.8/15.9	46741
2003 HE ₄₆	2004 07 17.9	19 50.34	+05 26.0	19.5	-0.77	- 1.2	9.0/22.7	50198
2001 SM ₂₂₅	2004 07 17.9	19 50.38	-26 25.0	19.8	-1.06	- 2.8	2.2/17.1	43428
2001 TE ₂₃₄	2004 07 17.9	19 50.38	-27 44.4	18.8	-1.07	- 5.7	2.7/16.7	30502
2001 XD ₅₃	2004 07 17.9	19 50.42	-13 30.4	19.4	-0.90	- 0.6	2.5/19.0	50577
2001 SE ₂₀₁	2004 07 17.9	19 50.45	-20 25.5	19.9	-1.03	- 2.9	0.2/18.1	50557
2003 BQ ₁₂	2004 07 17.9	19 50.46	-26 46.4	20.3	-1.13	- 3.7	2.3/17.0	47264
2002 CX ₅₂	2004 07 17.9	19 50.49	-15 20.3	20.2	-0.76	- 3.2	1.7/19.0	47172
2001 TR ₉₆	2004 07 17.9	19 50.50	-25 18.4	19.7	-1.10	- 2.1	1.7/17.3	30483
2001 ST ₁₆₆	2004 07 17.9	19 50.54	-10 19.3	20.2	-0.98	- 4.0	4.3/19.8	48100
2003 CB ₈	2004 07 17.9	19 50.60	-25 30.7	19.8	-0.98	- 3.9	1.7/17.2	50744
2001 XU ₂₂₄	2004 07 17.9	19 50.61	-10 59.2	19.0	-0.94	+ 0.9	3.6/19.2	47060
2001 VC ₃₁	2004 07 17.9	19 50.63	-04 36.5	18.7	-1.03	+ 2.0	7.7/19.5	26042
2001 HM ₆₂	2004 07 17.9	19 50.73	-59 05.0	19.4	-2.08	- 1.3	17.7/10.9	50534
2001 SG ₂₃₇	2004 07 18.0	19 50.53	-35 49.4	20.9	-1.20	- 4.0	5.7/15.3	46670
2000 DT ₂₁	2004 07 18.0	19 50.62	-14 17.3	17.6	-0.91	- 2.3	3.7/19.1	41604
1999 CZ ₄₅	2004 07 18.0	19 50.64	-20 39.9	19.8	-1.03	- 3.4	0.1/18.1	47767
2002 AW ₅₂	2004 07 18.0	19 50.66	-19 20.0	20.4	-0.78	- 3.4	0.5/18.3	47133
2000 XW ₁₁	2004 07 18.0	19 50.67	-36 03.0	19.7	-0.98	- 1.2	4.6/15.7	47996
1997 YW ₉	2004 07 18.0	19 50.70	-09 40.7	19.7	-0.94	- 1.2	3.7/19.6	38184
2002 AH ₁₃₃	2004 07 18.0	19 50.70	-28 23.7	19.6	-0.95	- 2.7	2.6/16.8	48191
1994 SD ₁₂	2004 07 18.0	19 50.72	-39 08.5	19.6	-1.15	- 0.6	9.3/15.4	47693
2003 HU ₂₇	2004 07 18.0	19 50.74	-14 39.4	20.2	-0.81	- 1.6	2.0/19.0	62445
1995 FC ₉	2004 07 18.0	19 50.76	-40 41.8	21.2	-1.17	- 2.3	6.9/14.9	26866
2000 GG ₁₄₃	2004 07 18.0	19 50.78	-24 58.1	17.7	-1.02	- 6.7	1.8/17.3	50472
2002 BB ₁₃	2004 07 18.0	19 50.78	-32 51.7	20.6	-0.87	- 3.2	3.2/15.9	49967
1999 RB ₁₀₃	2004 07 18.0	19 50.79	+04 32.7	18.6	-0.80	- 0.2	9.3/21.5	47791
2003 GS ₄₂	2004 07 18.0	19 50.82	-12 38.6	20.2	-0.80	- 8.2	2.7/20.0	47532
2001 UR ₁₄₀	2004 07 18.0	19 50.83	-20 56.3	20.8	-0.96	- 3.0	0.0/18.1	48142
2002 AZ ₈₈	2004 07 18.0	19 50.83	-12 10.3	18.1	-0.85	+ 0.8	3.3/19.2	47141
2001 RL ₅₄	2004 07 18.0	19 50.83	-15 30.5	19.7	-1.03	- 4.1	2.3/19.0	48073

2003 FN ₁₈	2004 07 18.0	19 50.85	-20 15.8	20.5	-0.97	-	2.9	0.3/18.2	61714
1999 RF ₁₃₃	2004 07 18.0	19 50.89	-17 13.2	18.0	-0.85	-	0.0	1.2/18.6	27634
2001 TT ₅₇	2004 07 18.0	19 50.91	-24 42.9	20.0	-1.03	-	2.1	1.4/17.5	48118
2001 VE ₂₆	2004 07 18.0	19 50.91	-38 38.8	19.7	-1.10	-	5.9	6.1/14.4	30534
2001 TK ₂₂₂	2004 07 18.0	19 50.93	-44 21.0	18.8	-1.21	-	2.0	8.9/14.4	48131
2001 XM ₁₁	2004 07 18.0	19 50.95	-29 47.8	19.2	-1.06	+	0.6	3.0/17.0	26065
1999 EL ₁₂	2004 07 18.0	19 50.98	-18 10.0	19.5	-0.98	-	5.0	1.0/18.6	47772
1149 T-2	2004 07 18.0	19 50.98	-31 10.1	19.4	-1.13	-	1.8	5.0/16.5	48389
2001 PM ₁₂	2004 07 18.0	19 50.98	-33 03.7	19.3	-1.18	-	6.3	5.0/15.7	31950
1999 JH ₉₈	2004 07 18.0	19 51.00	-23 44.2	17.7	-0.83	-	8.7	1.2/17.5	50410
2000 PF ₂₃	2004 07 18.1	19 50.93	-19 25.5	18.2	-0.99	+	1.1	0.8/18.3	12242
2001 TA ₃₂	2004 07 18.1	19 50.94	-32 35.9	19.3	-1.14	-	1.3	4.5/16.4	48116
1999 CV ₁₀₁	2004 07 18.1	19 50.95	-27 59.2	18.7	-1.02	-	3.7	2.6/16.9	47769
2001 UA ₃₅	2004 07 18.1	19 50.95	-25 24.7	19.3	-1.02	-	5.3	1.7/17.3	46790
2001 XB ₇₄	2004 07 18.1	19 51.00	-20 28.5	20.4	-1.04	-	3.8	0.2/18.2	46992
2002 XH ₃₀	2004 07 18.1	19 51.03	-07 22.5	18.4	-1.42	+	7.7	6.8/18.6	50719
2001 CB ₆	2004 07 18.1	19 51.03	-22 53.9	19.7	-0.94	-	2.7	0.6/17.8	48008
2001 UR ₁₆₄	2004 07 18.1	19 51.07	-23 03.5	20.0	-1.06	-	4.9	0.8/17.8	30527
2000 EQ ₆₉	2004 07 18.1	19 51.08	-35 47.6	17.4	-1.15	+	0.4	7.4/16.4	43358
2001 QD ₁₃₇	2004 07 18.1	19 51.09	-03 55.1	19.8	-0.97	-	1.2	6.4/20.5	46553
2000 VM ₅₀	2004 07 18.1	19 51.12	-42 06.3	19.7	-0.99	-	4.5	6.0/13.8	47986
1993 YT	2004 07 18.1	19 51.13	-38 57.8	19.1	-1.15	-	8.0	5.7/14.3	50370
2002 AX ₇₁	2004 07 18.1	19 51.15	-15 55.5	19.1	-1.09	+	3.8	1.8/18.5	26125
2001 XG ₃₃	2004 07 18.1	19 51.16	-16 37.6	18.3	-0.89	+	0.7	1.6/18.7	48161
2000 SH ₁₃₁	2004 07 18.1	19 51.17	-20 37.8	19.8	-1.00	+	1.0	0.1/18.2	27711
2000 QT ₄₈	2004 07 18.1	19 51.17	-14 16.3	18.1	-0.84	-	4.8	3.2/19.5	50481
2001 XG ₂₃₃	2004 07 18.1	19 51.20	-22 28.6	20.5	-1.04	-	2.5	0.6/17.9	52883
2003 ED ₁₂	2004 07 18.1	19 51.22	-35 26.1	18.6	-1.00	+	0.3	5.4/16.3	62442
2002 BY ₂	2004 07 18.1	19 51.25	-41 36.0	20.5	-0.97	-	2.8	5.6/14.5	47160
2001 YZ ₈₆	2004 07 18.1	19 51.26	-25 26.1	19.9	-0.99	-	5.2	1.5/17.3	50583
2000 SC ₃₄₁	2004 07 18.1	19 51.27	-25 28.3	19.6	-0.96	-	1.3	1.6/17.5	27102
2002 AF ₁₂₃	2004 07 18.1	19 51.29	-17 26.6	20.5	-0.79	-	4.7	1.0/18.9	30618
4608 T-3	2004 07 18.1	19 51.31	-26 49.5	20.8	-1.10	-	3.8	2.2/17.2	50813
1999 RU ₁₀₂	2004 07 18.1	19 51.32	-08 32.9	19.5	-0.80	-	0.6	4.0/19.9	33081
2001 RG ₈₂	2004 07 18.1	19 51.32	-08 34.7	19.0	-1.02	-	0.2	6.2/19.7	25946
2001 VL ₇₇	2004 07 18.1	19 51.37	-42 22.6	19.4	-1.20	-	5.3	8.2/13.8	48152
2001 YP ₁₀₈	2004 07 18.1	19 51.39	-36 26.0	19.7	-1.09	-	3.3	5.9/15.5	47101
1999 JQ ₆	2004 07 18.1	19 51.43	-53 48.9	19.7	-1.54	-	1.5	10.1/12.8	47777
2001 TU ₃₉	2004 07 18.2	19 51.36	-24 10.3	18.0	-1.15	-	0.4	1.5/17.8	31955
2000 UV ₉₃	2004 07 18.2	19 51.39	-22 43.5	19.2	-0.98	-	0.6	0.7/18.0	9855
2000 SA ₇₉	2004 07 18.2	19 51.39	-24 05.9	19.0	-0.92	-	3.4	1.2/17.7	47947
2001 VD ₄	2004 07 18.2	19 51.40	-05 43.0	20.2	-1.03	+	0.2	5.9/20.0	30529
2002 AD ₁₂₄	2004 07 18.2	19 51.52	-35 17.9	20.4	-0.98	+	0.3	4.0/16.3	27811
2001 TT ₂₄₀	2004 07 18.2	19 51.56	-07 46.0	20.5	-0.92	-	0.2	4.4/20.0	46775
2002 DN ₇	2004 07 18.2	19 51.57	-43 10.6	18.9	-1.18	-	4.3	8.5/13.6	50595
2000 WM ₁₂₉	2004 07 18.2	19 51.59	-10 26.0	19.7	-0.82	-	0.7	3.3/19.8	29580
2000 VD ₁₄	2004 07 18.2	19 51.59	-08 06.6	19.8	-0.78	-	1.6	4.0/20.3	50501
1999 RZ ₁₅₂	2004 07 18.2	19 51.59	-32 25.9	20.4	-1.05	+	0.7	3.8/16.8	47794
2001 XW ₃₇	2004 07 18.2	19 51.61	-14 52.8	19.3	-0.86	+	1.3	1.8/19.0	30566
2000 WQ ₁₃₁	2004 07 18.2	19 51.61	-11 22.3	20.9	-0.80	-	4.0	3.0/20.0	47992
2001 QP ₁₃₈	2004 07 18.2	19 51.63	-08 51.1	18.5	-1.02	+	0.1	5.7/19.7	23657

2000 RE ₉₃	2004 07 18.2	19 51.65	-18 36.8	19.0	-0.84	-	0.1	0.7/18.6	47938
2000 TX ₃₂	2004 07 18.2	19 51.65	-21 49.4	19.4	-0.95	-	0.4	0.3/18.2	27729
2001 UD ₁	2004 07 18.2	19 51.71	-39 58.3	19.8	-1.33	+	1.1	6.0/16.0	30503
2001 SE ₂₃₇	2004 07 18.2	19 51.71	-13 45.3	18.8	-1.00	-	5.2	3.0/19.6	46669
2001 SD ₁₁₁	2004 07 18.2	19 51.72	-18 17.2	17.1	-1.06	+	1.9	1.2/18.5	46642
2001 UJ ₅₁	2004 07 18.2	19 51.75	-38 41.1	19.6	-1.18	-	7.9	7.2/14.2	43445
2000 SQ ₅₃	2004 07 18.2	19 51.76	-13 46.6	20.7	-0.86	-	2.6	2.3/19.5	29325
2001 YU ₇₂	2004 07 18.2	19 51.78	-25 26.1	19.7	-0.83	-	4.3	1.3/17.5	50583
1998 WK ₇	2004 07 18.3	19 51.77	-05 35.5	19.0	-1.11	+	3.2	5.3/19.6	23464
2003 EP ₄₅	2004 07 18.3	19 51.79	-17 44.6	20.7	-0.91	-	2.1	1.1/18.8	47372
2001 TW ₂	2004 07 18.3	19 51.79	-10 18.5	20.1	-0.98	-	2.4	4.3/20.0	50560
1999 RD ₂₃₉	2004 07 18.3	19 51.85	-31 03.3	18.8	-0.89	-	3.6	3.4/16.5	47798
2001 TP ₁₃	2004 07 18.3	19 51.88	-24 42.8	19.1	-1.05	-	4.9	1.3/17.7	26004
2001 VN ₂	2004 07 18.3	19 51.89	-28 02.3	19.0	-1.03	-	9.5	3.1/16.7	48146
2000 SD ₁₇₈	2004 07 18.3	19 51.93	-20 57.4	19.0	-0.92	-	0.7	0.0/18.3	47956
2001 UJ ₇₁	2004 07 18.3	19 51.97	-27 22.4	19.5	-1.05	-	4.0	3.4/17.2	30514
2000 SG ₃₀₄	2004 07 18.3	19 52.05	-11 21.6	18.3	-0.99	-	0.1	3.9/19.5	9836
2001 XF ₃₂	2004 07 18.3	19 52.06	-20 40.7	18.5	-0.91	-	2.0	0.1/18.4	50577
2001 XV ₂₁₄	2004 07 18.3	19 52.10	-30 12.8	19.8	-1.05	-	3.0	3.2/16.8	23995
2001 WC ₉₃	2004 07 18.3	19 52.12	-30 58.2	17.7	-1.16	-	3.5	4.8/16.6	30560
2001 WB ₃₉	2004 07 18.3	19 52.23	-20 20.0	18.9	-1.04	-	5.2	0.2/18.5	30556
2002 AZ ₁₀₉	2004 07 18.4	19 52.15	-19 57.0	18.1	-0.96	-	8.1	0.4/18.6	27808
2001 VG ₆₂	2004 07 18.4	19 52.18	-16 16.5	21.3	-0.94	-	1.6	1.5/19.1	30542
2000 QG ₁₅₄	2004 07 18.4	19 52.24	-19 29.7	18.4	-1.03	+	1.8	0.5/18.6	47924
2000 SD ₁₇₆	2004 07 18.4	19 52.25	-24 53.2	19.7	-0.91	-	0.7	1.2/17.9	47956
1999 HU ₃	2004 07 18.4	19 52.32	-26 09.0	19.2	-0.93	-	7.0	2.2/17.4	47776
2003 BA ₄₂	2004 07 18.4	19 52.32	-18 41.9	19.9	-1.07	-	4.3	0.9/18.8	50740
2001 VQ ₄₄	2004 07 18.4	19 52.36	-15 08.8	18.3	-0.96	-	2.2	2.1/19.3	30538
2000 OE ₅	2004 07 18.4	19 52.37	-01 58.8	17.9	-0.81	-	6.7	8.2/22.6	62303
2001 SH ₁₇₉	2004 07 18.4	19 52.39	-28 05.1	19.0	-0.92	-	4.1	2.1/17.2	50557
2002 CC ₁₃₁	2004 07 18.4	19 52.43	-10 45.8	19.1	-0.75	-	4.2	3.1/20.4	30666
2001 XK ₂₁₇	2004 07 18.4	19 52.44	-28 16.2	19.4	-0.88	-	7.4	2.3/16.8	47055
2002 XN ₂₆	2004 07 18.4	19 52.48	-00 20.9	19.5	-1.33	+	5.5	9.7/19.7	41884
2000 OW ₃₈	2004 07 18.4	19 52.49	-10 04.7	17.9	-1.02	+	2.5	4.5/19.5	13672
2001 SJ ₂₀₇	2004 07 18.4	19 52.53	-22 10.7	20.3	-1.07	-	2.6	0.6/18.3	48103
2001 WB ₄₁	2004 07 18.4	19 52.54	-10 59.3	17.6	-0.95	-	2.6	4.0/20.0	30556
2000 SX ₁₁₇	2004 07 18.5	19 52.55	-15 22.8	19.0	-0.90	-	3.0	2.3/19.4	29348
2000 UN ₁₂	2004 07 18.5	19 52.58	-24 41.7	20.0	-0.86	-	2.3	1.1/17.9	47975
2003 GU ₇	2004 07 18.5	19 52.59	-52 52.2	19.9	-1.18	-	2.7	9.7/12.2	50759
2000 QD ₁₆₅	2004 07 18.5	19 52.63	-28 03.4	19.8	-1.11	+	1.5	2.8/17.7	27685
2001 XQ ₁₈₇	2004 07 18.5	19 52.64	-19 27.0	19.2	-0.90	-	0.9	0.5/18.7	48170
2001 XT ₄₇	2004 07 18.5	19 52.73	-37 47.9	19.0	-0.96	-	3.0	5.4/15.5	48162
2000 WM ₉₇	2004 07 18.5	19 52.75	-25 04.1	20.1	-0.83	-	2.7	1.2/17.8	33316
2001 SX ₂₈₂	2004 07 18.5	19 52.77	-22 31.6	19.5	-1.03	-	0.1	0.6/18.3	48109
2001 XA ₁₈	2004 07 18.5	19 52.78	-28 44.2	20.0	-1.02	-	2.6	2.6/17.3	46964
2001 SZ ₃₁₁	2004 07 18.5	19 52.84	-24 29.7	19.7	-1.07	-	2.2	1.4/18.0	48111
1999 VH ₁₂₇	2004 07 18.5	19 52.87	-04 22.8	18.2	-0.76	-	2.3	6.4/21.3	50437
2000 RQ ₃₄	2004 07 18.5	19 52.87	-19 56.4	17.8	-0.87	+	0.2	0.5/18.7	13725
2000 WS ₁₄₅	2004 07 18.5	19 52.87	-04 48.9	20.8	-0.73	-	4.2	4.4/21.7	47992
2001 XG ₁₁₈	2004 07 18.5	19 52.93	-31 04.6	17.8	-1.02	-	7.7	4.0/16.3	50579
2002 AJ ₄₁	2004 07 18.5	19 53.00	-20 37.9	19.0	-0.89	-	0.0	0.1/18.6	27803

2002 CS ₂₅₃	2004 07 18.5	19 53.02 -30 08.2 19.8	-0.98 - 3.2	3.0/17.0	31972
2001 QV ₁₁₇	2004 07 18.5	19 53.04 -22 20.0 18.1	-1.18 + 0.4	0.7/18.4	25918
2001 VH ₈₃	2004 07 18.6	19 52.97 -21 30.9 20.1	-1.07 - 2.2	0.2/18.5	30546
2001 TJ ₁₅₁	2004 07 18.6	19 52.99 -17 05.6 19.4	-0.94 - 4.1	1.4/19.3	48126
2000 ET ₄₂	2004 07 18.6	19 53.00 -12 10.2 19.3	-1.01 - 4.8	3.8/20.2	50464
2001 RU ₃₄	2004 07 18.6	19 53.02 -17 44.1 18.1	-1.11 + 1.0	1.6/19.0	50549
2000 SU ₁₄₉	2004 07 18.6	19 53.02 -17 35.1 18.9	-0.91 - 2.4	1.3/19.1	29361
2001 SQ ₂₂₈	2004 07 18.6	19 53.08 -11 48.1 19.3	-0.96 - 4.6	3.8/20.3	48105
2002 CB ₁₂₂	2004 07 18.6	19 53.10 -08 34.1 21.0	-0.88 - 7.1	4.4/21.2	27506
2001 SM ₁₁₄	2004 07 18.6	19 53.11 -12 39.5 20.0	-1.02 - 2.6	3.1/19.9	48094
2001 YR ₁₀₃	2004 07 18.6	19 53.12 -17 14.8 20.7	-0.89 - 2.6	1.2/19.2	62385
2001 TJ	2004 07 18.6	19 53.13 -25 04.6 21.0	-1.11 - 2.9	1.7/18.0	46696
2000 WQ ₃₉	2004 07 18.6	19 53.20 +06 03.4 19.1	-0.77 + 0.9	7.4/22.3	9871
2001 TL ₇₄	2004 07 18.6	19 53.23 -10 55.2 19.8	-1.00 - 2.4	4.1/20.0	46730
2113 T-2	2004 07 18.6	19 53.30 -18 23.7 20.7	-0.83 - 2.4	0.7/19.1	48390
2001 TF ₂₂₄	2004 07 18.6	19 53.30 -31 37.6 18.4	-1.10 - 1.7	5.2/17.0	30500
2000 XP ₂₅	2004 07 18.6	19 53.32 -24 34.3 18.7	-0.93 + 0.7	1.1/18.2	9890
2000 SR ₃₆₂	2004 07 18.6	19 53.33 -32 59.2 18.3	-0.98 - 4.0	4.1/16.5	50496
2001 WT ₅₄	2004 07 18.6	19 53.37 -19 30.6 21.1	-0.94 - 2.1	0.5/18.9	46948
2000 OP ₅₂	2004 07 18.6	19 53.42 -09 21.0 18.6	-0.90 - 0.2	4.2/20.0	47906
2001 SO ₂₄₀	2004 07 18.6	19 53.43 -20 23.9 19.9	-1.00 - 4.8	0.2/18.8	46670
2001 SU ₁₄₀	2004 07 18.6	19 53.43 -12 05.1 20.6	-0.99 - 3.0	3.5/20.1	48098
2000 SR ₃₆₄	2004 07 18.7	19 53.35 -41 45.0 19.8	-1.13 - 5.7	8.3/14.0	46500
2002 AO ₈₉	2004 07 18.7	19 53.38 -16 26.1 20.1	-0.88 - 4.3	1.6/19.5	47142
2001 XS ₂₂₅	2004 07 18.7	19 53.45 -21 43.1 19.1	-0.95 - 2.8	0.3/18.6	62384
2001 TA ₅₅	2004 07 18.7	19 53.47 -15 51.8 19.3	-1.01 - 1.9	2.0/19.5	48118
2000 JE ₇	2004 07 18.7	19 53.47 -31 43.6 18.0	-0.94 - 4.7	5.6/16.6	47892
1999 JR ₁₀₉	2004 07 18.7	19 53.47 -38 33.4 17.8	-1.15 - 5.9	6.3/14.9	62242
2000 VE ₈	2004 07 18.7	19 53.50 -21 25.2 19.8	-0.78 - 2.1	0.1/18.6	47983
1981 EL ₄₀	2004 07 18.7	19 53.52 -26 12.8 20.4	-0.99 - 1.3	1.9/18.0	57654
2000 QU ₁₂₅	2004 07 18.7	19 53.55 -36 21.4 19.0	-1.20 + 2.7	6.2/17.1	47922
2003 FD ₉₆	2004 07 18.7	19 53.57 -14 40.6 19.2	-0.83 - 1.6	2.1/19.7	50757
2001 TS ₅₁	2004 07 18.7	19 53.58 -25 39.3 19.3	-1.07 - 4.3	1.8/17.9	48117
2001 SH ₁₀₇	2004 07 18.7	19 53.59 -26 46.9 18.1	-1.11 - 0.7	2.5/17.9	46637
2001 XK ₂₉	2004 07 18.7	19 53.61 -12 45.7 20.1	-0.89 - 1.8	2.5/20.0	27784
2000 QS ₄₃	2004 07 18.7	19 53.70 -14 23.1 17.8	-0.87 - 4.5	2.9/20.0	43378
2001 XE ₁₉₉	2004 07 18.7	19 53.70 -18 44.9 20.0	-0.80 - 5.1	0.6/19.2	47047
2001 QU ₁₅₂	2004 07 18.7	19 53.74 -26 18.1 18.6	-1.15 + 0.5	2.5/18.1	50545
2000 RH ₂₇	2004 07 18.7	19 53.76 -25 33.4 19.3	-1.01 + 0.7	1.6/18.2	27693
2001 RT ₁₀₉	2004 07 18.7	19 53.78 -20 00.4 20.1	-1.12 - 3.6	0.4/18.9	23704
2000 KM ₇₃	2004 07 18.7	19 53.80 -18 23.3 17.2	-0.77 -11.3	1.2/19.5	50477
2001 UB ₂₄	2004 07 18.8	19 53.82 -18 46.8 18.1	-1.11 + 0.6	0.9/19.1	30507
2002 AR ₁₁	2004 07 18.8	19 53.87 -18 53.5 20.1	-0.84 - 3.3	0.7/19.2	48184
2000 GV ₁₀₅	2004 07 18.8	19 53.90 -40 44.0 17.4	-1.18 + 1.3	10.0/16.6	23529
2001 XH ₁₁₀	2004 07 18.8	19 53.90 -17 25.2 21.0	-1.00 - 2.4	1.3/19.4	49943
2000 QO ₁₅₄	2004 07 18.8	19 54.01 -16 19.8 19.1	-1.04 + 3.1	1.8/19.3	30372
2000 JU ₃₆	2004 07 18.8	19 54.01 -25 40.3 18.9	-1.08 - 2.9	2.0/18.1	47893
2002 AL ₁₆₀	2004 07 18.8	19 54.04 -10 07.4 19.3	-0.74 - 5.8	3.6/21.2	48192
1999 RC ₁₅₃	2004 07 18.8	19 54.09 -27 09.9 18.0	-0.95 + 2.2	2.6/18.2	35478
2000 OP ₅₃	2004 07 18.8	19 54.09 -22 10.8 17.4	-1.09 + 4.0	0.6/18.8	47906
2000 QK ₅₂	2004 07 18.8	19 54.14 -21 52.0 19.3	-1.00 - 1.9	0.4/18.7	47914

2003 BK ₈₀	2004 07 18.8	19 54.21 -18 10.9 20.6	-0.94 - 4.9	0.9/19.4	48322
2003 DH ₂₂	2004 07 18.8	19 54.21 -11 47.7 19.0	-0.89 - 6.8	3.3/20.8	50747
2001 XK ₁₈	2004 07 18.9	19 54.21 -25 44.3 19.8	-0.98 - 0.3	1.6/18.2	30562
2001 UA ₁₁₂	2004 07 18.9	19 54.23 -09 40.7 18.6	-0.88 - 1.6	5.8/20.7	27276
2001 ST ₁₃₀	2004 07 18.9	19 54.26 -27 02.8 20.3	-1.12 - 2.0	2.4/18.0	46649
2002 AL ₅₉	2004 07 18.9	19 54.27 -18 04.3 20.3	-0.88 - 3.8	0.9/19.4	48187
2000 QX ₁₁₅	2004 07 18.9	19 54.27 -02 56.5 18.6	-0.88 - 9.9	6.1/23.3	50482
2000 PY ₃	2004 07 18.9	19 54.28 -27 39.6 18.2	-1.04 - 0.5	2.9/18.0	47907
1999 TS ₂₆₁	2004 07 18.9	19 54.31 -03 14.3 20.8	-0.75 - 2.7	5.7/22.1	47813
2003 BC ₁₁	2004 07 18.9	19 54.33 -23 13.3 19.8	-1.03 - 3.9	0.9/18.5	48316
2001 XE ₈₇	2004 07 18.9	19 54.43 -27 48.3 18.7	-1.02 - 7.9	2.6/17.4	30572
2003 DK ₁₆	2004 07 18.9	19 54.44 -11 32.5 19.5	-0.96 - 4.4	3.9/20.7	50177
2001 PG ₆	2004 07 18.9	19 54.47 -28 37.6 18.6	-1.14 - 1.5	3.8/17.9	48043
2003 GA ₁₉	2004 07 18.9	19 54.55 -27 10.5 21.0	-1.07 - 2.4	2.4/18.0	47519
2001 TM ₂₁₀	2004 07 18.9	19 54.55 -17 59.2 18.4	-1.09 + 1.1	1.2/19.3	41748
2000 SP ₁₆₈	2004 07 19.0	19 54.56 -01 32.1 19.2	-0.86 - 0.1	8.1/21.6	13764
2001 QG ₂₆₂	2004 07 19.0	19 54.57 -13 36.8 20.4	-1.03 - 1.0	2.7/20.0	48066
2002 EL ₁₃₅	2004 07 19.0	19 54.59 -19 42.9 20.4	-0.84 - 0.2	0.3/19.2	30077
2000 RM ₉₆	2004 07 19.0	19 54.64 -23 41.2 19.7	-0.97 - 0.4	1.1/18.6	27043
2000 VJ ₁₁	2004 07 19.0	19 54.80 -20 28.0 20.1	-0.79 - 2.1	0.1/19.1	47983
1999 TT ₁₀₉	2004 07 19.0	19 54.85 -05 11.8 19.8	-0.79 - 1.8	5.6/21.5	46379
2003 HZ ₁₀	2004 07 19.0	19 54.86 -11 54.3 19.6	-0.87 - 2.9	3.2/20.6	50762
2001 HH ₇	2004 07 19.0	19 54.87 -57 17.4 18.9	-2.20 + 5.1	17.5/16.3	50533
2000 WN ₃₁	2004 07 19.0	19 54.89 -04 48.9 19.3	-0.78 - 2.0	5.0/21.7	47988
2001 SW ₁₄₆	2004 07 19.0	19 54.90 -28 49.4 21.0	-1.16 - 1.8	3.3/17.9	46651
2000 SY ₁₄₂	2004 07 19.0	19 54.92 -28 01.1 18.9	-0.97 - 1.3	2.7/18.0	27711
2003 FV ₁₁₅	2004 07 19.0	19 54.94 -48 12.5 19.8	-1.10 - 0.7	7.7/14.7	50758
2003 DT ₄	2004 07 19.0	19 54.95 -14 44.1 20.3	-0.90 - 4.5	2.1/20.2	48327
2001 UN ₁₀₁	2004 07 19.0	19 54.96 -24 17.6 20.2	-1.03 - 3.7	1.3/18.5	50569
2001 QP ₂₄₈	2004 07 19.0	19 54.99 -26 39.1 19.3	-1.06 - 3.1	2.1/18.1	48065
2001 UT ₁₀₃	2004 07 19.0	19 55.02 -30 58.3 21.2	-0.98 - 3.1	3.1/17.4	46812
2001 VK ₁₀₃	2004 07 19.1	19 54.99 -15 33.6 18.9	-0.96 - 0.7	2.0/19.8	46911
2001 SP ₂₄₄	2004 07 19.1	19 55.00 -19 23.5 19.1	-1.00 - 4.0	0.6/19.4	40660
2002 AA ₁₇	2004 07 19.1	19 55.01 -19 50.1 19.5	-0.80 - 6.1	0.3/19.3	47124
2001 XK ₃₁	2004 07 19.1	19 55.01 -15 50.4 17.9	-1.03 + 0.3	2.6/19.7	50577
2001 QG ₂₄₉	2004 07 19.1	19 55.03 -29 48.2 19.5	-1.20 - 1.7	4.2/17.8	48065
2000 LY	2004 07 19.1	19 55.05 -14 25.4 17.8	-1.03 - 0.6	3.1/19.9	47899
1999 RT ₁₅	2004 07 19.1	19 55.06 -31 27.8 18.7	-0.92 - 0.8	3.3/17.5	35474
2000 KK ₁₁	2004 07 19.1	19 55.08 -20 16.7 19.9	-1.04 - 2.7	0.2/19.2	47896
2001 TR ₁₉₅	2004 07 19.1	19 55.20 -05 35.4 19.8	-0.85 - 5.6	5.1/22.4	48129
2000 WM ₁₅₃	2004 07 19.1	19 55.21 -25 43.6 18.5	-0.89 - 3.8	1.7/18.2	47993
2001 XJ ₁₉₄	2004 07 19.1	19 55.21 -19 56.8 19.7	-1.00 - 3.8	0.3/19.3	48171
2002 CH ₁₂₆	2004 07 19.1	19 55.23 -27 59.8 19.9	-0.90 - 0.3	2.1/18.1	30664
2001 VY ₈₉	2004 07 19.1	19 55.25 -13 13.0 19.6	-1.00 - 6.3	3.4/20.6	30547
1997 UD ₇	2004 07 19.1	19 55.30 -11 49.9 19.2	-0.97 - 0.8	3.7/20.4	47717
2001 SA ₃₂₆	2004 07 19.1	19 55.31 -16 01.1 19.6	-1.01 - 5.6	2.1/20.0	33927
2001 VX ₁₁₉	2004 07 19.1	19 55.39 -25 20.2 19.9	-1.09 - 4.0	1.9/18.4	46918
1997 SJ ₁₉	2004 07 19.1	19 55.40 -18 34.2 21.5	-1.02 - 2.5	0.8/19.5	24953
2001 VA ₃₃	2004 07 19.1	19 55.43 -20 17.0 19.5	-1.06 - 2.0	0.2/19.3	46877
2001 SV ₂₉₀	2004 07 19.1	19 55.44 -25 53.9 18.7	-1.09 - 6.7	2.2/18.2	48110
2001 RW ₆₃	2004 07 19.2	19 55.34 -14 44.8 19.8	-1.01 - 4.3	2.7/20.0	48074

2000 GF ₆₈	2004 07 19.2	19 55.35	-29 14.8	19.3	-1.02	- 3.4	4.1/17.8	47879
2003 HH ₂₇	2004 07 19.2	19 55.36	+00 52.8	19.7	-0.74	- 2.9	6.8/23.3	50193
2001 TE ₈₃	2004 07 19.2	19 55.39	-18 28.4	18.5	-1.06	- 0.6	1.0/19.5	50562
2000 VN ₂₂	2004 07 19.2	19 55.40	-24 37.5	20.2	-0.79	- 3.2	1.1/18.5	47984
1999 VT ₁₉	2004 07 19.2	19 55.44	-18 58.6	18.8	-0.96	+ 1.3	0.6/19.4	40390
2001 SD ₇₈	2004 07 19.2	19 55.50	-30 57.3	20.7	-1.16	- 1.9	4.0/17.7	46633
2001 XO ₂₅₆	2004 07 19.2	19 55.51	-17 42.9	19.2	-0.94	- 6.0	1.1/19.8	47070
2001 TN ₅₉	2004 07 19.2	19 55.52	-03 47.0	19.8	-0.94	- 3.2	6.9/22.2	30477
2001 TH ₂₄₀	2004 07 19.2	19 55.55	-28 15.9	19.8	-1.09	- 1.3	2.7/18.2	46775
2001 VB ₄₁	2004 07 19.2	19 55.63	-21 05.2	19.6	-1.06	- 2.7	0.1/19.2	30537
2001 OZ ₂₁	2004 07 19.2	19 55.65	-15 36.7	18.0	-1.03	- 5.3	2.5/20.0	48038
1996 TU ₂₇	2004 07 19.2	19 55.66	-27 47.4	21.1	-0.95	- 3.6	2.3/18.0	47705
2001 XQ ₆₁	2004 07 19.2	19 55.69	-18 15.8	20.2	-0.92	- 3.3	0.9/19.7	48163
2001 XM ₁₆	2004 07 19.2	19 55.70	-20 26.3	19.0	-0.94	- 4.0	0.1/19.3	46962
2000 NH ₂₅	2004 07 19.2	19 55.72	-22 32.3	17.2	-0.86	- 7.1	0.8/18.9	4961
2001 TJ ₃₆	2004 07 19.2	19 55.73	-42 12.5	19.9	-1.20	- 3.0	7.3/15.3	23795
2001 VX ₈₉	2004 07 19.2	19 55.81	-02 15.2	18.8	-0.87	- 5.3	7.0/23.2	48153
2000 RX ₈₇	2004 07 19.3	19 55.75	-17 35.7	19.5	-0.93	- 1.3	1.2/19.8	27698
2000 RO ₇₆	2004 07 19.3	19 55.80	-34 18.8	19.1	-1.16	- 0.9	4.8/17.2	30383
2001 SK ₂₄₂	2004 07 19.3	19 55.81	-16 00.7	19.5	-1.00	- 4.9	2.1/20.0	48106
2001 SG ₂₀₁	2004 07 19.3	19 55.82	-32 31.7	20.2	-1.17	- 3.8	5.0/17.3	48102
2001 SC ₂₃₂	2004 07 19.3	19 55.85	-30 22.7	20.2	-1.04	- 2.4	3.3/17.8	48105
2001 TV ₁₆₅	2004 07 19.3	19 55.85	-30 39.7	19.6	-1.13	- 1.7	4.1/17.8	46759
2000 VN ₄₅	2004 07 19.3	19 55.92	-24 47.5	20.1	-0.89	- 2.8	1.4/18.6	47986
2000 AF ₁₄₃	2004 07 19.3	19 55.97	-15 29.7	16.4	-1.07	+ 0.5	2.7/20.0	47843
1999 VZ ₁₂₅	2004 07 19.3	19 56.01	-07 18.6	20.5	-0.76	- 2.7	4.3/21.7	47823
2001 UJ ₁₆₇	2004 07 19.3	19 56.04	-39 45.0	18.9	-1.17	- 1.0	6.3/16.4	46846
2001 SZ ₁₄₈	2004 07 19.3	19 56.08	-12 36.3	19.2	-1.05	- 1.9	3.4/20.5	23749
2000 QP ₇₅	2004 07 19.3	19 56.08	-26 50.8	20.1	-0.99	- 1.0	2.3/18.5	47917
2002 AZ ₁₆₃	2004 07 19.3	19 56.09	-18 31.0	21.1	-0.95	- 2.0	0.8/19.7	48193
1999 RM ₃₀	2004 07 19.3	19 56.10	+22 35.5	19.8	-0.96	- 6.2	21.7/02.3	14136
2001 VR ₂₆	2004 07 19.3	19 56.10	-11 01.6	19.4	-0.88	- 1.3	3.2/20.9	46872
2001 WP ₁₄	2004 07 19.3	19 56.11	-16 04.6	18.8	-0.94	- 5.9	2.3/20.0	23932
2000 AT ₅	2004 07 19.3	19 56.14	-34 53.3	18.5	-1.60	+ 9.3	6.5/19.2	695
1997 AN ₂₀	2004 07 19.3	19 56.16	-18 08.4	19.6	-0.84	- 2.2	0.9/19.8	50377
2001 RO ₈₅	2004 07 19.3	19 56.16	-13 34.2	19.6	-0.99	- 3.5	3.4/20.6	48076
2000 SR ₄₈	2004 07 19.3	19 56.18	+01 16.9	19.9	-0.85	- 3.5	8.0/23.4	47944
2001 SL ₁₁₀	2004 07 19.3	19 56.19	-33 38.0	18.5	-1.16	- 0.8	6.1/17.5	46641
2000 OG ₄₁	2004 07 19.4	19 56.19	-10 29.2	18.6	-1.01	+ 0.7	3.7/20.6	30359
1997 EU ₁₆	2004 07 19.4	19 56.20	-21 59.9	18.8	-0.87	- 2.3	0.5/19.2	47710
2000 RR ₆₀	2004 07 19.4	19 56.21	-32 54.3	18.3	-0.97	- 0.1	3.7/17.7	30382
2001 RG ₄₈	2004 07 19.4	19 56.29	-28 34.5	18.8	-1.07	- 2.5	3.0/18.2	48073
2001 YH ₁₁₂	2004 07 19.4	19 56.31	-14 21.6	20.1	-0.87	- 3.7	2.1/20.6	48181
2000 VE ₅₀	2004 07 19.4	19 56.34	-03 28.0	18.6	-0.78	0.0	4.7/21.9	9864
2002 CQ ₂₅₆	2004 07 19.4	19 56.35	-21 24.8	19.1	-0.82	- 5.8	0.2/19.3	50595
2001 TO ₂₁₃	2004 07 19.4	19 56.37	-08 10.5	19.5	-0.93	- 0.9	4.1/21.3	50566
2001 UZ ₁₀	2004 07 19.4	19 56.44	-05 28.9	20.0	-0.90	- 1.7	5.3/21.9	46781
2000 GB ₁₁₂	2004 07 19.4	19 56.45	-26 17.9	19.4	-1.12	- 4.3	2.3/18.5	47882
2002 AB ₃₇	2004 07 19.4	19 56.45	-17 17.5	19.4	-0.93	- 3.7	1.3/20.0	48186
1999 JJ ₅	2004 07 19.4	19 56.52	+15 01.0	20.2	-0.90	- 0.2	10.1/26.0	50407
2001 WL ₃₈	2004 07 19.4	19 56.54	+10 55.7	19.2	-0.88	+ 0.9	9.8/24.4	30556

2003 AL ₅₉	2004 07 19.4	19 56.64	-21 01.1	18.7	-1.02	- 5.8	0.1/19.4	43489
2000 XK ₁₈	2004 07 19.5	19 56.55	-21 26.2	15.4	-1.09	+ 3.8	0.3/19.4	62312
2000 JF ₃₁	2004 07 19.5	19 56.56	-25 50.0	18.0	-0.98	- 1.8	2.6/18.7	27664
2001 TP ₁₈₀	2004 07 19.5	19 56.61	-15 50.7	20.2	-1.01	- 1.3	1.9/20.2	27267
2000 SW ₁₆₁	2004 07 19.5	19 56.62	-11 03.1	18.5	-0.87	- 6.8	3.6/21.5	30396
2000 JW ₁₁	2004 07 19.5	19 56.63	-15 42.8	17.7	-1.00	- 1.6	2.6/20.0	47892
2001 VC ₆₃	2004 07 19.5	19 56.64	-06 06.8	19.7	-0.94	+ 0.5	5.2/21.5	46893
2002 CS ₂₀₃	2004 07 19.5	19 56.67	-15 38.9	21.1	-0.86	- 4.4	1.5/20.5	30681
2001 VF ₆₅	2004 07 19.5	19 56.69	-36 38.6	19.7	-1.14	- 3.8	6.0/16.6	48151
2001 SX ₄₃	2004 07 19.5	19 56.71	-18 54.6	18.8	-1.07	- 4.2	0.8/19.8	48087
1994 RV ₁₀	2004 07 19.5	19 56.74	-31 19.9	19.5	-1.17	- 0.9	4.5/18.1	47693
2001 YD ₁₁₄	2004 07 19.5	19 56.77	-14 56.5	20.2	-0.94	- 3.7	1.9/20.5	48181
2000 GR ₄₆	2004 07 19.5	19 56.83	-27 40.1	19.8	-1.11	- 2.3	3.1/18.5	47878
2000 GY ₄₃	2004 07 19.5	19 56.85	-33 00.2	18.0	-1.02	- 2.8	6.4/17.4	23525
2001 SN ₁₁₉	2004 07 19.5	19 56.85	-17 09.7	19.8	-1.07	- 1.1	1.5/20.1	50555
2000 SU ₁₉₅	2004 07 19.5	19 56.87	-22 12.8	20.0	-0.92	- 2.1	0.5/19.3	47957
2000 SF ₇₈	2004 07 19.5	19 56.88	-09 00.9	20.2	-0.84	- 3.0	4.3/21.6	46473
2001 TC ₁₃₆	2004 07 19.5	19 56.89	-21 23.6	19.4	-1.15	- 0.8	0.3/19.5	30489
2000 VR ₂₅	2004 07 19.5	19 56.91	-34 29.7	18.6	-0.94	- 3.3	4.7/17.0	60724
2000 WF ₁₈₀	2004 07 19.5	19 56.98	-27 16.0	20.4	-0.84	- 4.6	2.0/18.3	47994
2000 SM ₉₅	2004 07 19.5	19 56.99	-08 34.7	20.0	-0.85	- 1.6	3.9/21.5	47949
2001 SR ₃₀₇	2004 07 19.5	19 57.02	-22 05.9	19.4	-1.02	- 4.2	0.5/19.4	48111
2000 DY ₁₁₄	2004 07 19.6	19 56.96	-21 05.8	19.1	-1.10	- 2.8	0.2/19.5	17179
2001 WG ₇	2004 07 19.6	19 56.96	-21 30.3	19.0	-0.91	- 4.5	0.4/19.5	48155
2003 FO ₁₀₅	2004 07 19.6	19 56.98	-11 12.6	20.9	-0.82	- 4.0	3.1/21.4	62444
2000 SN ₅₀	2004 07 19.6	19 56.99	-17 54.9	19.1	-0.91	- 1.9	1.1/20.1	62308
2001 VN ₃₂	2004 07 19.6	19 57.00	-21 08.8	20.5	-1.03	- 2.1	0.2/19.5	48149
2002 CC ₁₄₁	2004 07 19.6	19 57.05	-14 45.1	20.7	-0.76	- 2.0	1.7/20.6	50592
2000 OA ₄₁	2004 07 19.6	19 57.06	-03 20.3	17.8	-0.87	- 0.8	7.8/22.2	4969
2001 UC ₁₇₄	2004 07 19.6	19 57.07	-30 15.5	18.6	-1.02	- 4.9	4.3/17.8	43145
1999 XB ₁₃₅	2004 07 19.6	19 57.07	-36 12.6	18.1	-1.02	-12.5	6.0/15.1	38158
2001 TN ₉₇	2004 07 19.6	19 57.10	-17 37.9	19.3	-0.97	- 1.1	1.1/20.1	46739
2001 TY ₁₀₄	2004 07 19.6	19 57.10	-10 33.6	19.6	-0.96	- 2.8	3.9/21.3	26014
3516 T-3	2004 07 19.6	19 57.11	-35 36.4	20.8	-1.06	- 2.2	5.0/17.0	34059
1997 BO ₅	2004 07 19.6	19 57.12	-23 34.2	19.8	-0.90	0.0	0.9/19.2	47709
1999 RX ₂₇	2004 07 19.6	19 57.12	+07 38.9	18.4	-0.72	- 2.1	11.5/25.1	46372
2002 CV ₈	2004 07 19.6	19 57.17	-20 30.0	19.2	-0.88	- 0.2	0.1/19.7	30636
2000 YC ₂₆	2004 07 19.6	19 57.18	-17 16.5	19.5	-0.83	- 0.9	1.0/20.2	27759
2000 QE ₁₆₄	2004 07 19.6	19 57.19	+06 41.0	19.7	-0.82	- 7.3	10.0/26.6	50483
2000 XN ₂₅	2004 07 19.6	19 57.22	-30 19.2	19.3	-0.93	- 1.2	3.1/18.1	27757
2003 HG ₃	2004 07 19.6	19 57.24	-12 56.8	19.7	-0.78	- 2.4	2.5/21.0	50761
2000 QK ₁₉₃	2004 07 19.6	19 57.28	-09 01.9	17.6	-0.84	- 9.0	4.7/22.5	47927
2002 CC ₂₂₂	2004 07 19.6	19 57.30	-18 40.9	19.5	-0.83	- 3.6	0.7/20.0	48210
2000 QZ ₃₇	2004 07 19.6	19 57.31	-16 40.6	19.8	-0.93	- 3.1	1.5/20.4	47913
2002 AC ₁₈₁	2004 07 19.6	19 57.33	-40 29.3	19.8	-1.10	- 3.3	6.4/15.9	47156
2000 ER ₁₁₅	2004 07 19.6	19 57.37	-11 33.1	19.1	-0.99	- 5.1	4.3/21.4	20758
2001 XC ₁₄₆	2004 07 19.6	19 57.37	-21 06.9	18.6	-0.92	- 5.3	0.2/19.6	48168
2003 BP ₇₀	2004 07 19.6	19 57.41	-21 52.6	20.5	-1.09	- 2.9	0.5/19.5	47286
2001 VO ₅₆	2004 07 19.6	19 57.42	-15 31.0	19.0	-1.03	- 0.8	2.2/20.4	23911
2000 QP ₁₉₅	2004 07 19.6	19 57.43	-31 12.9	19.6	-0.99	- 1.1	3.3/18.1	47927
2002 YH ₂	2004 07 19.6	19 57.49	-55 22.8	20.4	-1.64	- 0.5	12.1/14.4	48306

2001 WA ₆₈	2004 07 19.7	19 57.36	-24 56.8	20.1	-0.94	- 3.0	1.4/19.0	48158	2002 ET ₆₆	2004 07 19.9	19 58.52	-15 17.1	20.8	-0.76	- 2.6	1.5/20.9	48220
2000 RC ₉₃	2004 07 19.7	19 57.42	-13 25.9	18.7	-0.84	- 4.0	3.1/21.1	47938	2003 HC ₁₇	2004 07 19.9	19 58.52	-04 50.4	19.4	-0.80	- 1.7	5.7/22.6	50193
2003 CA ₁₈	2004 07 19.7	19 57.43	-18 40.4	20.1	-1.08	- 4.3	0.8/20.0	50745	2002 EY ₁₃	2004 07 19.9	19 58.55	-13 13.3	19.3	-0.77	- 2.3	2.4/21.3	48216
2001 YD ₈₆	2004 07 19.7	19 57.46	-25 16.8	20.3	-0.83	- 3.4	1.3/18.9	47095	2000 LR ₃₀	2004 07 19.9	19 58.59	-02 59.9	17.8	-0.96	+ 1.0	6.8/22.1	38283
2000 XT ₄₅	2004 07 19.7	19 57.54	-54 49.6	19.9	-1.25	- 2.5	8.8/12.1	31929	2001 UW ₅	2004 07 19.9	19 58.59	-26 06.6	20.0	-1.07	- 5.3	2.2/18.9	30504
2000 UL ₅₈	2004 07 19.7	19 57.54	+05 49.1	20.5	-0.73	- 1.1	6.8/24.5	50499	2003 BZ ₈₃	2004 07 19.9	19 58.60	-19 40.2	19.2	-0.96	- 2.6	0.4/20.2	50743
1999 JW ₉₃	2004 07 19.7	19 57.56	-05 46.1	16.9	-0.67	- 5.3	7.4/23.0	62242	2002 AK ₁₅₂	2004 07 19.9	19 58.61	-16 45.9	19.9	-0.87	- 4.8	1.2/20.7	30622
2001 TE ₄₇	2004 07 19.7	19 57.58	-23 23.9	18.6	-1.04	- 6.3	1.2/19.2	48117	2001 TQ ₁₉₀	2004 07 19.9	19 58.62	-18 44.7	19.7	-1.03	- 2.1	0.7/20.0	30494
2001 UY ₁₅	2004 07 19.7	19 57.62	-14 27.6	19.5	-0.99	- 0.9	2.4/20.7	50567	1999 RG ₂₇	2004 07 19.9	19 58.63	-64 42.4	19.1	-2.57	+ 2.0	21.5/09.8	47788
2003 BF ₅₈	2004 07 19.7	19 57.66	-18 51.8	20.2	-1.00	- 3.5	0.7/20.1	50741	2001 TL ₆₄	2004 07 20.0	19 58.55	-11 58.5	20.0	-0.91	- 3.8	2.8/21.6	48119
2000 WC ₅₇	2004 07 19.7	19 57.66	-04 04.4	19.5	-0.77	- 0.5	4.7/22.3	29551	1996 XL ₄	2004 07 20.0	19 58.56	-11 37.9	18.6	-1.06	+ 2.4	3.9/20.9	47707
1999 RS ₁₇₄	2004 07 19.7	19 57.67	-20 07.0	19.5	-0.86	- 3.0	7.5/30.0	10395	1996 PU ₉	2004 07 20.0	19 58.56	-11 58.6	17.8	-0.71	- 2.7	4.8/21.6	47703
1999 CD ₂₄	2004 07 19.7	19 57.69	-19 39.8	20.5	-1.04	- 4.2	0.4/19.9	47766	1999 UJ ₄₂	2004 07 20.0	19 58.58	+23 54.5	19.5	-1.13	+ 1.9	20.3/26.1	14794
2000 GE ₁₅	2004 07 19.7	19 57.69	-34 16.0	19.1	-1.23	- 1.8	5.9/17.7	43360	6890 P-L	2004 07 20.0	19 58.59	+05 26.9	20.2	-0.81	- 5.1	10.4/25.0	7404
1994 WM ₇	2004 07 19.7	19 57.69	-14 19.7	19.9	-0.81	- 4.3	2.3/21.0	50371	2001 VU ₅₄	2004 07 20.0	19 58.65	-18 15.4	19.0	-1.03	- 0.7	1.0/20.4	48151
2001 XS ₂₄₉	2004 07 19.7	19 57.70	-20 51.2	20.0	-0.92	- 4.0	0.1/19.7	48174	1362 T-2	2004 07 20.0	19 58.65	-31 16.8	19.5	-1.17	- 2.2	4.4/18.3	48389
2000 QO ₁₂₂	2004 07 19.7	19 57.73	-25 29.5	18.1	-1.04	+ 1.9	2.5/19.2	10967	2002 AX ₄₄	2004 07 20.0	19 58.71	-18 37.1	20.1	-0.92	- 2.8	0.7/20.4	25545
1996 VQ ₉	2004 07 19.7	19 57.75	-20 02.1	19.7	-0.88	- 5.6	8.8/30.0	42893	2001 XU ₁₃₇	2004 07 20.0	19 58.73	-19 32.1	19.6	-0.94	- 3.5	0.4/20.2	48168
2001 UX ₁₇₇	2004 07 19.7	19 57.77	-25 13.6	21.3	-1.07	- 3.8	1.7/19.0	46850	2001 SN ₄₇	2004 07 20.0	19 58.75	-21 31.4	18.7	-1.08	- 5.4	0.4/19.9	25964
2003 BK ₃₇	2004 07 19.7	19 57.78	-11 50.6	20.2	-0.82	- 5.1	3.1/21.6	48319	2001 YR ₅₀	2004 07 20.0	19 58.75	-27 05.3	19.4	-0.99	- 4.0	2.3/18.9	30595
1998 HH ₃₄	2004 07 19.7	19 57.79	-09 46.4	21.0	-0.85	- 2.7	3.1/21.7	47729	2000 UT ₉₈	2004 07 20.0	19 58.81	-03 26.4	18.3	-0.90	+ 2.0	7.4/21.9	9856
2001 SS ₂₈₂	2004 07 19.7	19 57.83	-29 23.2	19.0	-1.10	- 4.8	3.6/18.2	46690	1993 OU ₁	2004 07 20.0	19 58.82	-15 18.6	19.4	-0.81	- 3.5	1.8/21.0	47687
2001 VP ₆₁	2004 07 19.8	19 57.80	-17 33.5	19.3	-0.92	- 1.0	1.0/20.3	46892	2001 YP ₁₅₄	2004 07 20.0	19 58.83	-21 57.9	19.9	-0.82	- 3.2	0.4/19.8	48183
2003 FK ₂₇	2004 07 19.8	19 57.80	-21 18.7	20.2	-0.93	- 2.2	0.2/19.7	62443	2000 SK ₃₄₉	2004 07 20.0	19 58.83	-30 59.5	19.6	-0.85	- 4.3	2.8/18.0	47968
2001 SW ₁₆₃	2004 07 19.8	19 57.84	-08 17.9	19.2	-0.95	- 2.8	5.3/21.9	43039	2001 VW ₃₃	2004 07 20.0	19 58.83	-23 26.9	18.6	-1.05	- 5.0	1.2/19.5	30536
2001 RC ₅₀	2004 07 19.8	19 57.87	-09 13.1	19.8	-1.02	- 0.9	5.5/21.4	48073	2001 XS ₄₈	2004 07 20.0	19 58.85	-24 18.9	19.1	-0.97	- 3.6	1.6/19.4	53697
2001 UH ₃	2004 07 19.8	19 57.93	-15 26.1	20.1	-0.95	- 4.1	1.9/20.8	48132	2000 SH ₂₆₉	2004 07 20.0	19 58.87	-16 24.7	18.9	-0.85	- 4.4	1.5/20.9	47964
2001 TB ₁₆₆	2004 07 19.8	19 57.97	-19 45.6	20.1	-1.03	- 2.4	0.3/20.0	48128	2003 FZ ₃₈	2004 07 20.0	19 58.88	-06 58.7	18.5	-0.74	- 4.5	5.0/22.9	50754
2002 CV ₂₁	2004 07 19.8	19 57.97	-19 27.9	20.1	-0.82	- 2.5	0.4/20.1	30639	2002 AX ₁₃	2004 07 20.0	19 58.91	-22 27.4	21.5	-1.00	- 0.1	0.6/19.8	30605
1999 CW ₂₆	2004 07 19.8	19 57.99	-24 51.4	20.5	-1.03	- 3.1	1.5/19.2	47766	2001 UC ₂₈	2004 07 20.0	19 59.00	-30 42.7	20.2	-1.10	- 4.5	4.8/18.2	23852
2003 HB ₃₁	2004 07 19.8	19 58.01	-07 25.2	19.2	-0.76	- 2.0	4.2/22.2	50763	2001 XP ₁₉₃	2004 07 20.0	19 59.02	-16 51.3	19.5	-0.93	- 3.3	1.3/20.7	48171
2000 NG ₁₅	2004 07 19.8	19 58.06	-28 19.0	18.9	-1.17	+ 3.6	3.4/19.1	47902	2001 SH ₅₉	2004 07 20.1	19 58.95	-32 48.7	18.5	-1.08	- 4.3	6.2/17.7	25966
2001 VA ₃₂	2004 07 19.8	19 58.14	-22 17.9	20.2	-1.06	- 2.8	0.7/19.6	48149	1993 FU ₄₆	2004 07 20.1	19 58.97	-18 01.8	19.8	-0.86	- 2.8	1.0/20.6	47687
2002 CZ ₁₀₈	2004 07 19.8	19 58.21	+02 30.6	20.0	-0.71	- 4.4	5.9/24.8	30660	2003 EW ₃₃	2004 07 20.1	19 58.97	-18 58.5	20.4	-1.02	- 2.5	0.6/20.4	50751
2003 FL ₃₆	2004 07 19.8	19 58.23	-38 58.3	18.3	-1.02	- 0.4	7.0/17.1	47413	2001 UT ₁₂₆	2004 07 20.1	19 59.00	-14 48.7	20.5	-0.90	- 3.4	1.9/21.1	48142
2001 TQ ₅₃	2004 07 19.8	19 58.24	-35 02.0	19.8	-1.17	- 3.7	6.9/17.2	26010	2000 UE ₆₈	2004 07 20.1	19 59.03	-31 00.5	19.1	-0.94	- 0.5	3.2/18.6	27736
2002 AP ₁₆₅	2004 07 19.9	19 58.15	-14 06.0	21.2	-0.76	- 3.7	1.9/21.1	47154	2001 SV ₁₃₅	2004 07 20.1	19 59.05	-21 41.6	19.5	-1.05	- 2.7	0.4/19.9	43425
2001 CW ₆	2004 07 19.9	19 58.18	-12 21.6	18.3	-0.83	- 7.5	2.6/21.7	33895	2000 WT ₄₃	2004 07 20.1	19 59.05	-07 01.3	19.4	-0.79	- 1.5	4.4/22.3	47988
2000 SW ₃₅₇	2004 07 19.9	19 58.20	-33 49.1	18.6	-0.98	- 9.1	5.3/16.6	27726	1999 TX ₆₀	2004 07 20.1	19 59.10	-16 22.3	18.8	-0.81	- 2.1	1.5/20.9	47803
2000 WR ₁₅₂	2004 07 19.9	19 58.22	-28 50.9	19.4	-0.91	- 0.9	2.4/18.7	27752	2001 VH ₆₇	2004 07 20.1	19 59.10	-22 41.1	19.0	-1.08	- 2.1	1.0/19.8	30544
2000 SA ₁₈₃	2004 07 19.9	19 58.32	-25 03.4	20.3	-0.85	- 2.0	1.2/19.2	30397	2000 TC ₂	2004 07 20.1	19 59.13	-01 11.4	18.6	-0.84	- 0.9	6.7/23.1	47970
1999 TL ₉₂	2004 07 19.9	19 58.33	+02 01.5	19.9	-0.74	- 4.3	7.7/24.6	31866	2002 DQ ₁₃	2004 07 20.1	19 59.17	-14 04.2	20.4	-0.83	- 3.2	2.2/21.3	48214
2001 XU ₂₄₅	2004 07 19.9	19 58.36	-17 05.3	20.3	-1.00	- 5.1	1.3/20.6	30590	2003 FJ ₄₆	2004 07 20.1	19 59.17	-27 19.1	20.7	-1.00	- 2.3	2.2/19.1	47419
2000 RH ₂₆	2004 07 19.9	19 58.38	+03 17.9	18.5	-0.84	- 2.1	10.4/23.9	47933	2001 VF ₆₃	2004 07 20.1	19 59.18	-14 37.5	19.6	-0.93	- 0.7	2.0/21.0	50573
2001 XW ₂₂₅	2004 07 19.9	19 58.39	-10 28.3	18.7	-0.91	- 0.4	3.6/21.4	47060	2000 PL ₂₃	2004 07 20.1	19 59.21	-29 00.3	18.4	-1.10	+ 2.3	3.5/19.3	50480
2000 WA ₇₂	2004 07 19.9	19 58.39	-08 54.7	19.6	-0.86	+ 0.7	3.9/21.5	29556	2000 SQ ₉₃	2004 07 20.1	19 59.22	-15 29.2	19.1	-0.95	+ 0.5	2.0/20.8	47948
2000 UJ ₅₇	2004 07 19.9	19 58.39	-44 06.0	20.2	-1.03	- 1.0	6.0/16.0	29467	2003 AF ₈₄	2004 07 20.1	19 59.24	-21 01.4	20.4	-1.03	- 2.3	0.2/20.1	43258
2000 XC ₄₄	2004 07 19.9	19 58.47	-19 12.3	20.3	-0.82	- 2.3	0.4/20.2	50510	2000 QT ₄₉	2004 07 20.1	19 59.25	-20 19.3	19.2	-0.93	- 3.3	0.1/20.2	53654
2001 TJ ₁₇₄	2004 07 19.9	19 58.47	-09 30.6	20.8	-0.95	- 3.0	4.4/21.9	46762	2003 CX ₁₇	2004 07 20.1	19 59.28	-22 42.0	19.6	-1.07	+ 2.9	0.8/20.0	48326
2001 UX ₉₇	2004 07 19.9	19 58.48	-07 48.9	21.0	-1.00	- 2.6	5.0/22.0	23873	2003 GM ₄₄	2004 07 20.1	19 59.32	-40 33.2	18.5	-0.96	- 9.0	7.4/14.9	47533
2002 AJ ₁₅₄	2004 07 19.9	19 58.50	-24 37.7	20.0	-1.02	- 1.8	1.2/19.3	48192	2002 CL ₁₆₂	2004 07 20.1	19 59.37	-41 23.1	19.8	-1.12	+ 2.1	5.7/17.7	30673

2002 CL ₉₅	2004 07 20.1	19 59.38	-17 05.3	19.6	-0.77	-	3.2	1.1/20.8	48203
1998 XQ ₁₀	2004 07 20.1	19 59.38	-20 05.0	17.4	-1.05	-	0.9	0.2/20.3	50400
2000 HG ₈₈	2004 07 20.1	19 59.42	-28 13.6	19.5	-1.09	-	5.5	3.2/18.7	41645
2001 YA ₁₁₅	2004 07 20.1	19 59.44	+01 22.6	18.9	-1.21	+	7.9	9.3/20.8	30600
2001 XM ₁₈₄	2004 07 20.2	19 59.36	-19 57.3	20.0	-0.94	-	4.8	0.2/20.3	26084
2000 QX ₁₃₁	2004 07 20.2	19 59.43	-26 08.4	18.9	-1.04	-	1.5	2.4/19.4	30371
2000 PF ₁	2004 07 20.2	19 59.43	-07 38.9	17.8	-0.90	-	9.6	4.2/23.3	50479
2000 SP ₂₉₄	2004 07 20.2	19 59.43	-38 14.0	20.3	-1.01	-	3.3	5.7/16.8	7597
2001 TS ₁₈₀	2004 07 20.2	19 59.44	-16 38.1	20.1	-0.97	-	1.7	1.5/20.8	50565
2000 SP ₁₇	2004 07 20.2	19 59.46	-11 29.5	18.9	-0.86	-	2.3	3.3/21.8	50488
1994 AB ₁₇	2004 07 20.2	19 59.48	-20 12.4	19.6	-0.95	-	2.3	0.2/20.3	50370
2002 AC ₅₁	2004 07 20.2	19 59.49	-19 41.0	20.5	-0.88	-	2.3	0.3/20.4	47133
2003 GA ₃₆	2004 07 20.2	19 59.52	-17 54.6	17.8	-0.78	-	9.8	1.0/20.9	50760
1994 VM	2004 07 20.2	19 59.54	-12 49.2	18.1	-1.05	-	1.2	3.5/21.3	47694
2001 WG ₃₁	2004 07 20.2	19 59.56	-14 49.1	21.2	-0.93	-	2.9	1.9/21.2	23937
2001 QW ₁₁₁	2004 07 20.2	19 59.56	-45 00.8	17.7	-1.17	-	4.5	9.9/15.1	62340
2001 XX ₁₄₀	2004 07 20.2	19 59.67	-18 18.2	20.0	-0.93	-	3.2	0.9/20.7	47025
2001 TG ₂₀₁	2004 07 20.2	19 59.68	-24 18.5	20.1	-1.03	-	5.4	1.3/19.5	48130
2001 SP ₂₁₅	2004 07 20.2	19 59.68	-28 16.2	19.9	-1.11	-	4.2	2.9/18.9	23762
2000 SE ₆₅	2004 07 20.2	19 59.69	-29 24.8	18.9	-0.98	-	2.1	3.3/18.8	47946
2001 XQ ₇₈	2004 07 20.2	19 59.70	-21 39.8	19.9	-0.93	-	5.2	0.4/20.1	30571
2000 TE ₄₂	2004 07 20.2	19 59.74	-03 21.5	19.8	-0.82	-	6.9	6.1/24.2	47973
2000 RL ₅₄	2004 07 20.2	19 59.77	-03 12.0	19.1	-0.84	-	1.6	5.6/23.1	27695
1995 UD ₅₀	2004 07 20.2	19 59.78	-22 15.5	21.4	-0.87	-	2.2	0.5/20.0	47699
2001 TN ₈₅	2004 07 20.2	19 59.78	-19 18.1	19.8	-1.08	-	1.7	0.5/20.5	20499
2002 BL ₁₇	2004 07 20.2	19 59.79	-30 38.5	21.3	-0.98	-	0.9	2.9/18.8	29764
2000 QK ₁₂₂	2004 07 20.2	19 59.83	-18 26.3	18.1	-0.92	-	0.9	0.7/20.6	47921
2001 XH ₁₇₃	2004 07 20.3	19 59.75	-12 40.6	17.4	-1.07	+	4.4	3.8/20.9	30581
2001 QX ₂₄₂	2004 07 20.3	19 59.85	-14 04.9	19.5	-1.01	-	4.7	2.6/21.5	46568
2003 FR ₇₅	2004 07 20.3	19 59.87	-12 20.3	20.1	-0.92	-	1.9	2.8/21.7	50756
2001 QQ ₂₉₁	2004 07 20.3	19 59.89	-62 17.6	18.3	-2.01	+	4.8	18.6/15.5	50548
2002 GY ₁₂₃	2004 07 20.3	19 59.89	-00 07.7	21.7	-0.71	-	3.4	5.1/24.4	33988
1998 FD ₅₇	2004 07 20.3	19 59.91	-15 40.5	18.3	-0.82	-	3.4	1.9/21.3	50383
2001 SA ₇₃	2004 07 20.3	19 59.93	-14 49.4	18.0	-0.88	-	6.0	3.0/21.5	46632
2001 XJ ₁₅₂	2004 07 20.3	19 59.99	-17 12.7	19.4	-0.99	-	2.6	1.4/20.9	48168
1999 RV ₂₄	2004 07 20.3	20 00.02	+30 00.1	18.3	-0.84	-	9.9	25.5/13.2	41580
2001 SX ₅	2004 07 20.3	20 00.06	-03 38.3	18.3	-1.02	-11.3	6.9/24.5	25954	
2001 XV ₁₀₇	2004 07 20.3	20 00.09	-20 56.2	18.3	-1.00	-	5.0	0.2/20.3	47010
1996 TA ₁₀	2004 07 20.4	20 00.15	-13 05.4	18.1	-0.84	-	2.8	3.5/21.7	47704
1999 RR ₁₄₄	2004 07 20.4	20 00.16	-06 47.2	19.3	-0.79	-	1.7	4.5/22.7	31265
2000 SU ₃₁	2004 07 20.4	20 00.17	-23 28.2	19.7	-0.94	-	2.0	1.0/19.9	47942
2002 EB ₁₂₈	2004 07 20.4	20 00.32	-12 12.6	20.3	-0.74	-	4.5	2.4/22.1	30074
2001 XZ ₂₄₀	2004 07 20.4	20 00.33	-20 23.7	20.2	-1.04	-	0.6	0.1/20.5	30590
2001 YA ₅	2004 07 20.4	20 00.34	-46 34.0	20.5	-1.04	-	3.4	7.3/15.1	50582
2000 SO ₃₀₀	2004 07 20.4	20 00.34	-15 13.0	18.3	-0.90	-	1.1	2.0/21.3	30404
2002 CQ ₂₄	2004 07 20.4	20 00.35	-10 20.1	19.5	-0.75	-	1.8	3.0/22.2	48199
1999 CF ₈	2004 07 20.4	20 00.43	-15 41.0	19.3	-0.99	-	5.5	1.9/21.4	47765
2003 CQ	2004 07 20.4	20 00.43	-00 31.4	18.2	-0.85	-	8.5	8.5/25.7	48324
2000 WG ₂₄	2004 07 20.4	20 00.46	-17 00.0	20.1	-0.75	-	3.4	1.0/21.1	50504
2001 XR ₂₃₄	2004 07 20.4	20 00.51	-28 02.2	20.0	-0.94	-	3.3	2.4/19.1	30588
2003 HF ₃₃	2004 07 20.4	20 00.51	-33 34.9	20.1	-1.06	-	2.6	5.0/18.2	47560

2000 KL ₃₄	2004 07 20.4	20 00.53	-22 29.7	17.8	-0.90	-	5.3	1.0/20.1	47897
1998 ST ₉₂	2004 07 20.4	20 00.62	-24 15.0	20.2	-1.14	-	2.1	1.8/19.9	47748
2001 TD ₁₄₈	2004 07 20.4	20 00.64	-13 52.0	19.7	-0.96	-	5.3	2.6/21.8	48126
2001 RG ₁₁	2004 07 20.5	20 00.55	-09 07.3	18.9	-0.93	-	4.1	6.1/22.5	48070
2001 QT ₉₇	2004 07 20.5	20 00.59	-12 55.7	16.6	-0.90	-	1.3	4.3/21.7	50544
2000 UN ₇₂	2004 07 20.5	20 00.62	-31 00.9	19.1	-0.87	-	4.4	3.2/18.4	47980
2001 SH ₅	2004 07 20.5	20 00.67	+08 28.2	20.6	-0.92	-	6.0	10.0/27.2	46607
2001 XF ₅₆	2004 07 20.5	20 00.68	-20 59.7	19.3	-1.03	-	4.1	0.2/20.4	30568
2000 RH ₃₄	2004 07 20.5	20 00.71	-15 11.8	18.8	-0.89	-	1.0	1.8/21.3	27693
1994 UY ₁₀	2004 07 20.5	20 00.73	-20 18.3	20.0	-0.82	-	1.5	0.1/20.6	28940
2002 AG ₁₇₅	2004 07 20.5	20 00.74	-20 47.1	20.3	-0.81	-	2.8	0.1/20.5	30626
2001 XV ₂₁₈	2004 07 20.5	20 00.79	-10 02.1	19.6	-0.93	-	0.4	3.7/22.1	47056
2000 QD ₉₀	2004 07 20.5	20 00.79	-00 12.2	18.5	-0.80	-	5.7	8.3/25.1	47918
1999 VS ₁₄₄	2004 07 20.5	20 00.91	+07 34.9	18.9	-0.79	+	1.2	8.9/24.7	50437
2002 CB ₁₄₀	2004 07 20.5	20 00.97	-10 02.2	21.3	-0.83	-	3.0	3.2/22.5	48206
2000 UV ₅₆	2004 07 20.5	20 01.00	-32 27.2	20.4	-1.07	-	0.6	4.0/18.8	29466
2001 SK ₂₂₀	2004 07 20.5	20 01.02	-14 39.4	19.9	-0.99	-	4.3	2.3/21.7	48104
2001 HB ₅₇	2004 07 20.5	20 01.03	-63 13.0	19.7	-2.01	-	4.9	21.1/08.9	40136
2001 UC ₅₁	2004 07 20.6	20 00.99	-57 15.9	21.4	-1.50	-	4.8	10.1/11.6	30512
2003 DH ₄	2004 07 20.6	20 00.99	-07 01.8	20.9	-0.93	-	1.3	4.5/22.8	50746
2001 SB ₄₁	2004 07 20.6	20 01.01	-34 15.1	20.2	-1.23	-	3.7	6.1/18.1	25963
2001 UR ₂₁₇	2004 07 20.6	20 01.06	-35 13.6	20.3	-1.02	-	3.6	4.8/17.9	46855
2000 QU ₆₂	2004 07 20.6	20 01.06	-07 19.1	19.0	-0.84	-	7.3	4.8/23.6	50481
2001 YN ₁₁₃	2004 07 20.6	20 01.08	-10 41.4	20.0	-0.87	-	4.9	3.1/22.6	48181
2003 DU ₂₀	2004 07 20.6	20 01.09	-25 17.1	19.2	-0.99	-	1.5	1.9/19.9	48330
2001 SH ₁₆	2004 07 20.6	20 01.10	-34 26.8	21.1	-1.23	-	1.6	5.5/18.4	46610
2003 FL ₁₁₄	2004 07 20.6	20 01.14	-01 32.3	20.3	-0.75	-	1.9	5.3/24.2	50758
2002 CU ₃	2004 07 20.6	20 01.14	-26 25.6	20.6	-0.83	-	3.4	1.7/19.5	48197
2001 SR ₂₆	2004 07 20.6	20 01.20	-16 43.2	19.7	-1.00	-	3.3	1.4/21.3	48085
2002 BZ ₂₃	2004 07 20.6	20 01.20	-33 37.9	17.7	-1.05	-	8.5	5.2/17.4	30633
2001 QJ ₂₈	2004 07 20.6	20 01.23	-12 16.9	18.4	-1.07	-	3.7	3.7/22.0	48048
2001 YN ₁₃₅	2004 07 20.6	20 01.27	-38 36.0	18.9	-1.09	-	9.9	6.6/16.0	26111
1999 GC ₄	2004 07 20.6	20 01.30	-02 36.4	19.9	-0.87	-	3.3	5.9/24.1	47775
2000 KN ₅₈	2004 07 20.6	20 01.32	-16 52.5	17.3	-0.77	-11.9	1.9/21.7	47898	
2002 BP ₂₇	2004 07 20.6	20 01.34	-29 38.9	21.9	-0.98	-	2.7	2.7/19.1	48197
2001 QW ₁₄₀	2004 07 20.6	20 01.34	-12 18.2	17.8	-1.05	+	0.3	3.7/21.7	48056
2003 EE ₃₉	2004 07 20.6	20 01.37	+01 49.7	19.0	-0.78	-	8.7	6.5/26.8	48337
2000 SL ₁₉₉	2004 07 20.6	20 01.37	-24 45.8	19.6	-0.91	-	2.5	1.5/20.0	47958
2001 UJ ₁₇₀	2004 07 20.6	20 01.38	-17 47.4	20.3	-0.94	-	2.3	0.9/21.1	46847
2000 SF ₇₂	2004 07 20.6	20 01.39	-12 05.9	19.3	-0.85	-	4.6	3.0/22.3	27060
2000 OH ₄₅	2004 07 20.6	20 01.42	-10 14.1	17.9	-1.00	+	0.7	3.7/21.9	27670
2001 TG ₉₆	2004 07 20.6	20 01.43	-07 06.1	20.4	-0.98	-	2.2	5.0/22.8	30483
2001 SZ ₁₄₂	2004 07 20.6	20 01.44	-12 33.7	19.2	-0.99	-	1.2	4.1/21.9	48098
2000 KC ₄	2004 07 20.6	20 01.44	-22 02.9	18.8	-1.00	-	2.3	0.7/20.4	62300
2002 BO ₂₃	2004 07 20.7	20 01.36	-38 27.1	19.6	-1.13	-	0.8	6.0/17.8	31964
2002 CO ₂₇₂	2004 07 20.7	20 01.36	-20 17.6	18.8	-0.99	-	7.7	0.1/20.8	48212
2001 FK ₁₆₇	2004 07 20.7	20 01.37	-62 13.9	19.3	-2.19	-	0.7	19.3/12.7	41680
2001 QW ₂₁₁	2004 07 20.7	20 01.39	-27 56.8	19.6	-1.17	-	1.2	2.9/19.6	48061
2002 AO ₃₄	2004 07 20.7	20 01.39	-22 06.8	18.7	-0.81	-	5.1	0.5/20.4	50585
2000 XP ₁₈	2004 07 20.7	20 01.42	-45 19.6	19.0	-1.13	-	2.1	8.9/15.8	46520
2001 TM ₁₅₁	2004 07 20.7	20 01.45	-28 31.4	21.2	-1.08	-	4.8	3.0/19.2	46757

2001 UZ ₁₁	2004 07 20.7	20 01.46	-16 26.1 20.8	-0.91	- 2.8	1.3/21.4	46781
2000 QR ₃₀	2004 07 20.7	20 01.46	-28 57.6 17.7	-0.84	- 2.5	4.4/19.1	13684
2001 XU ₃₆	2004 07 20.7	20 01.47	-33 19.7 22.2	-0.97	- 2.4	3.7/18.5	48161
2000 JC ₄₅	2004 07 20.7	20 01.49	-36 35.0 19.0	-1.08	- 6.2	7.3/17.2	27664
2001 UW ₁₆₂	2004 07 20.7	20 01.49	-37 24.5 20.8	-1.03	- 3.5	5.3/17.6	46844
2000 QU ₆₅	2004 07 20.7	20 01.50	-27 42.5 19.2	-0.97	- 6.2	3.1/19.2	46431
1997 TN ₅	2004 07 20.7	20 01.51	-22 54.2 19.5	-1.03	- 3.7	0.9/20.3	47716
2000 TA ₆₅	2004 07 20.7	20 01.53	-21 29.9 20.2	-0.87	- 2.3	0.3/20.6	47974
2002 XU ₄₅	2004 07 20.7	20 01.57	+03 38.8 19.1	-1.28	+ 4.6	11.1/22.8	50721
2000 QB ₄₉	2004 07 20.7	20 01.58	-14 21.8 18.5	-0.85	- 5.0	2.9/22.0	47914
1999 GN ₄₈	2004 07 20.7	20 01.58	-27 45.6 19.5	-1.01	- 2.6	2.6/19.5	43348
1999 RQ ₂₄₇	2004 07 20.7	20 01.59	-02 51.5 18.6	-0.74	- 7.1	6.3/24.9	47798
2002 CO ₁₈₂	2004 07 20.7	20 01.61	-28 40.7 20.7	-1.10	+ 0.4	3.1/19.6	48208
2002 AB ₁₈₆	2004 07 20.7	20 01.62	-27 17.7 18.9	-0.86	- 4.8	2.3/19.4	50588
2001 ST ₉₀	2004 07 20.7	20 01.67	-24 40.3 20.6	-1.11	- 1.8	1.6/20.1	46634
2000 UT ₉₁	2004 07 20.7	20 01.77	-19 01.7 19.6	-0.90	- 0.9	0.5/21.0	29484
2001 XN ₆₂	2004 07 20.7	20 01.79	-17 05.7 17.9	-1.03	- 5.9	1.4/21.5	30570
2000 RA ₁₀₀	2004 07 20.7	20 01.82	-32 02.1 19.7	-1.28	+ 2.7	4.0/19.5	13736
2002 CA ₂₈	2004 07 20.8	20 01.76	-25 49.4 21.2	-0.94	- 4.9	1.8/19.7	47171
2001 SF ₈₈	2004 07 20.8	20 01.79	-09 48.9 19.6	-1.00	- 4.4	4.4/22.8	50554
1994 PE ₂₃	2004 07 20.8	20 01.79	-20 44.1 18.3	-0.95	- 2.8	0.1/20.8	41521
2001 YW ₁₁₀	2004 07 20.8	20 01.84	-20 49.8 19.1	-0.96	- 3.1	0.1/20.8	50583
2000 RC ₈₂	2004 07 20.8	20 01.86	-21 55.3 19.1	-0.97	+ 0.4	0.5/20.6	30383
2001 RO ₉₀	2004 07 20.8	20 01.87	-27 24.5 19.5	-1.12	- 4.9	2.9/19.5	48077
3223 T-3	2004 07 20.8	20 01.87	-29 21.0 19.7	-0.97	- 3.0	3.4/19.2	48392
2000 SK ₁₃₀	2004 07 20.8	20 01.90	-09 38.1 18.1	-0.97	+ 2.2	4.3/22.1	47952
2000 RR ₃₇	2004 07 20.8	20 01.92	-09 53.0 17.7	-0.98	+ 2.8	4.5/21.9	33246
2000 UF ₁₁₂	2004 07 20.8	20 01.97	-18 03.0 20.0	-0.85	- 3.2	0.9/21.3	50501
2002 CL ₄₁	2004 07 20.8	20 01.98	-03 12.5 21.6	-0.85	- 3.4	5.4/24.0	48200
2003 EL ₁₂	2004 07 20.8	20 02.00	-18 35.1 20.0	-0.94	- 2.1	0.6/21.2	47327
2001 XM ₁₅₇	2004 07 20.8	20 02.02	-22 22.7 19.3	-0.90	- 4.1	0.7/20.5	50579
2000 SF ₃₅₄	2004 07 20.8	20 02.03	-29 20.8 19.8	-0.95	- 3.8	2.8/19.2	47969
2001 QZ ₂₂₆	2004 07 20.8	20 02.04	-20 47.5 17.6	-1.17	+ 1.5	0.1/20.8	62346
2003 FY ₇₄	2004 07 20.8	20 02.06	-15 32.7 20.6	-0.85	- 4.5	1.5/21.8	50756
2001 TM ₇₅	2004 07 20.8	20 02.07	-10 56.0 19.3	-0.92	- 1.6	5.3/22.3	30481
2000 QE ₂₁₅	2004 07 20.8	20 02.08	-08 08.5 19.0	-0.85	- 5.8	4.3/23.4	30376
2001 YB ₇₄	2004 07 20.8	20 02.10	-23 45.5 20.6	-0.86	- 2.3	1.0/20.3	48178
2001 YS ₁₂₈	2004 07 20.8	20 02.10	-19 17.0 18.4	-1.01	+ 1.7	0.4/21.0	30601
2001 SW ₁₂₁	2004 07 20.8	20 02.12	-19 37.3 18.8	-1.10	- 0.9	0.4/21.0	43032
1999 EU ₆	2004 07 20.8	20 02.13	-18 54.8 21.8	-0.98	- 2.9	0.6/21.1	47771
2001 UZ ₂₁₉	2004 07 20.8	20 02.15	-22 54.4 20.8	-1.00	- 1.9	0.9/20.5	46856
2001 XA ₂₂₇	2004 07 20.8	20 02.19	-18 33.8 19.6	-1.07	- 0.2	0.8/21.1	48172
2003 BF ₆	2004 07 20.8	20 02.20	-19 21.1 19.1	-1.05	- 4.8	0.5/21.1	43491
2000 GZ ₆₇	2004 07 20.8	20 02.23	-13 03.7 18.9	-0.93	- 4.3	3.6/22.3	1601
2001 UX ₂₄	2004 07 20.8	20 02.23	-20 37.4 18.0	-1.12	+ 0.4	0.1/20.9	48134
2002 AR ₁₀₃	2004 07 20.9	20 02.15	-24 26.4 18.5	-0.85	- 5.9	1.4/20.0	47144
2001 YN ₁₈	2004 07 20.9	20 02.16	-22 01.7 19.5	-0.87	- 3.6	0.5/20.6	50582
2003 GT ₄₅	2004 07 20.9	20 02.17	-18 57.3 20.1	-0.88	- 4.6	0.5/21.2	62444
2000 SM ₁₉₈	2004 07 20.9	20 02.20	-41 21.6 19.2	-1.15	+ 0.7	8.6/17.9	62309
2001 XC ₁₀₉	2004 07 20.9	20 02.22	-26 47.1 18.6	-0.83	- 4.8	1.9/19.6	48166
2003 FO ₆₄	2004 07 20.9	20 02.23	-30 11.0 19.2	-0.96	- 3.1	3.4/19.2	47436

2000 KE ₈	2004 07 20.9	20 02.24	-18 57.9 19.4	-0.88	- 5.7	0.7/21.2	47896
2001 YL ₇₇	2004 07 20.9	20 02.25	-27 11.1 19.7	-1.00	- 6.6	2.5/19.5	26102
2000 SL ₂₆₂	2004 07 20.9	20 02.25	-30 10.7 20.0	-0.97	- 2.5	3.3/19.2	47963
2001 TH ₁₅	2004 07 20.9	20 02.25	-26 06.5 19.8	-1.10	- 5.2	2.4/19.8	46700
2001 WU ₃₈	2004 07 20.9	20 02.31	-19 24.6 19.2	-0.96	- 7.0	0.5/21.2	48157
2000 RJ ₃₀	2004 07 20.9	20 02.32	-03 16.1 19.4	-0.89	- 1.6	6.2/23.6	6321
2002 CO ₁₇₃	2004 07 20.9	20 02.37	-11 41.3 20.6	-0.76	- 5.9	2.4/22.9	33962
2001 US ₉₅	2004 07 20.9	20 02.38	-22 48.7 20.0	-0.99	- 3.7	0.8/20.5	50569
2002 EC ₅	2004 07 20.9	20 02.39	-22 18.3 20.8	-0.80	- 2.3	0.5/20.6	29935
2000 WF ₂₆	2004 07 20.9	20 02.39	-21 51.5 20.7	-0.82	- 2.7	0.4/20.7	29537
2000 WT ₃₆	2004 07 20.9	20 02.41	-16 20.2 20.0	-0.77	- 3.4	1.1/21.7	29543
2002 DG ₂	2004 07 20.9	20 02.43	-57 08.1 20.4	-1.92	+ 2.1	12.5/14.3	29919
2001 SX ₁₃₁	2004 07 20.9	20 02.43	-17 52.2 19.6	-1.02	- 3.1	1.0/21.4	50556
2000 QT ₄₀	2004 07 20.9	20 02.45	-27 40.9 18.5	-1.02	+ 1.2	3.4/20.1	42932
2002 CT ₅₂	2004 07 20.9	20 02.49	-28 53.4 19.5	-1.04	- 2.6	2.9/19.5	26162
1999 BO ₇	2004 07 20.9	20 02.54	-23 45.4 18.6	-1.11	- 1.1	1.5/20.5	47764
2002 AN ₁₁₇	2004 07 20.9	20 02.55	-24 36.3 19.5	-0.85	- 0.8	1.2/20.3	30617
2001 TB ₃₈	2004 07 20.9	20 02.58	-18 18.7 19.4	-0.95	- 1.0	0.7/21.3	48116
2000 SQ ₂₇	2004 07 20.9	20 02.58	-18 21.6 19.2	-0.93	- 1.5	0.8/21.3	27702
2002 BY ₁₈	2004 07 20.9	20 02.58	-33 00.8 18.2	-1.00	- 9.6	5.2/17.7	48196
2001 UE ₆₀	2004 07 20.9	20 02.59	-09 11.9 19.3	-1.05	- 0.5	5.0/22.5	30513
1995 OB ₆	2004 07 20.9	20 02.59	-23 57.8 20.8	-0.93	- 2.0	1.2/20.4	47697
2001 SC ₂₂₆	2004 07 20.9	20 02.60	-17 54.8 19.5	-0.98	- 3.9	1.0/21.5	50558
2001 SN ₂₇	2004 07 20.9	20 02.61	-18 37.4 20.1	-1.03	- 3.8	0.8/21.3	48085
2002 AV ₅₅	2004 07 20.9	20 02.61	-21 59.0 19.5	-0.89	- 4.4	0.5/20.7	27804
2003 HN ₇	2004 07 21.0	20 02.56	-19 03.6 20.1	-0.82	- 2.6	0.4/21.3	50189
2000 SK ₂₉₄	2004 07 21.0	20 02.57	-22 26.5 19.2	-0.87	- 0.1	0.6/20.7	30404
2001 XO ₇₇	2004 07 21.0	20 02.58	-17 54.0 19.0	-0.91	- 3.4	1.0/21.5	48164
2001 OD ₇₄	2004 07 21.0	20 02.60	-28 46.1 17.9	-1.09	+ 6.2	5.1/20.4	25902
2001 UX ₁₆₉	2004 07 21.0	20 02.63	-14 02.2 20.5	-0.98	- 2.8	2.4/22.1	46847
2002 AC ₁₇	2004 07 21.0	20 02.65	-16 34.3 20.0	-0.88	- 6.7	1.3/21.9	27800
2003 FB ₈₆	2004 07 21.0	20 02.67	-07 09.0 20.0	-0.80	- 2.3	4.1/23.5	47458
2001 XD ₅₆	2004 07 21.0	20 02.70	-20 49.5 18.2	-0.99	- 5.2	0.2/21.0	62383
2000 PP ₂₀	2004 07 21.0	20 02.71	-39 16.0 18.4	-1.19	+ 0.4	6.8/18.3	47909
2000 SB ₁₆₅	2004 07 21.0	20 02.72	+04 41.1 18.7	-0.84	- 0.9	8.8/25.6	47955
2000 JS ₂₂	2004 07 21.0	20 02.73	-09 19.1 18.9	-0.94	- 1.9	5.4/22.9	19708
2001 WS ₅₅	2004 07 21.0	20 02.74	-27 02.8 20.5	-1.12	- 3.6	2.8/19.9	46949
2000 HC ₈₆	2004 07 21.0	20 02.76	-28 16.8 16.6	-0.56	-11.7	4.5/18.6	1638
2001 VW ₃₄	2004 07 21.0	20 02.84	-17 21.4 19.5	-1.01	- 2.7	1.2/21.6	48149
2001 TC ₁₀₇	2004 07 21.0	20 02.86	-40 03.6 18.7	-1.12	- 5.2	6.7/16.8	48122
2002 CY ₅₇	2004 07 21.0	20 02.91	-09 55.6 19.9	-0.75	- 3.7	3.1/23.1	48201
2001 WR ₁₂	2004 07 21.0	20 02.92	-04 13.5 20.6	-0.84	- 2.5	5.1/24.0	46928
2000 WN ₂₄	2004 07 21.0	20 02.95	-15 47.5 20.5	-0.78	- 3.7	1.3/22.0	29536
2001 SY ₃₂₃	2004 07 21.0	20 02.99	-18 25.8 19.2	-1.10	+ 4.3	1.1/21.3	48112
2000 YC ₄₀	2004 07 21.0	20 03.01	-18 24.3 19.9	-0.84	- 2.7	0.7/21.5	47998
2000 JW ₁₉	2004 07 21.0	20 03.04	-16 48.4 17.7	-1.03	+ 1.4	1.8/21.5	47892
2000 TH ₃₉	2004 07 21.1	20 02.95	-42 35.0 18.0	-1.06	- 3.9	9.8/16.3	47972
2000 QK ₃₆	2004 07 21.1	20 02.98	-09 40.5 19.2	-0.89	- 6.7	3.9/23.4	47913
1999 TR ₁₄₄	2004 07 21.1	20 03.10	-12 07.3 19.6	-0.79	- 3.2	3.0/22.7	46381
2000 UR ₁₁₁	2004 07 21.1	20 03.11	-23 50.0 20.1	-0.88	- 3.2	1.2/20.5	47983
2001 UB ₄₁	2004 07 21.1	20 03.16	-18 53.1 19.1	-1.03	- 4.8	0.7/21.4	23857

2001 UT ₁₃	2004 07 21.1	20 03.16	-34 54.5	19.3	-1.02	- 6.6	5.1/17.9	50567	2000 PM ₂₂	2004 07 21.4	20 04.26	-25 01.5	18.1	-0.91	-10.7	2.0/20.2	47909
2003 ER ₃₅	2004 07 21.1	20 03.17	-18 05.0	20.3	-0.93	- 2.3	0.8/21.5	50751	2000 GN ₇₆	2004 07 21.4	20 04.26	-25 23.5	18.3	-1.05	- 2.2	2.3/20.6	41630
2003 AE ₅₉	2004 07 21.1	20 03.17	-30 09.4	19.6	-1.11	+ 0.6	3.4/19.9	48313	2001 XF ₁₉₃	2004 07 21.4	20 04.26	-19 58.9	20.6	-0.78	- 4.6	0.1/21.5	47046
2001 UC ₆₀	2004 07 21.1	20 03.22	-19 11.6	20.5	-1.04	- 2.6	0.5/21.4	46801	2002 BF ₅	2004 07 21.4	20 04.28	-43 34.7	19.7	-1.16	- 2.2	7.7/17.0	35570
2001 VZ ₁₂	2004 07 21.1	20 03.26	-17 53.8	19.1	-0.98	+ 0.6	0.8/21.5	48147	2001 QN ₂₄	2004 07 21.4	20 04.29	-33 11.3	18.7	-1.23	- 2.0	6.3/19.3	48048
2001 SP ₁₅₀	2004 07 21.1	20 03.27	-18 16.8	20.4	-1.05	- 2.5	0.8/21.5	46653	2001 UU ₈₇	2004 07 21.4	20 04.30	-23 16.8	21.6	-1.04	- 3.3	1.0/20.9	46808
2001 RW ₁₄₂	2004 07 21.1	20 03.29	-20 13.0	17.8	-0.96	- 8.7	0.1/21.2	48081	2001 VB ₁₂	2004 07 21.4	20 04.31	+09 38.2	19.5	-1.12	+ 5.0	12.1/23.4	30531
2003 FX ₆	2004 07 21.1	20 03.36	-37 38.1	19.8	-0.97	- 4.5	6.0/17.6	48342	2002 BQ ₃₀	2004 07 21.4	20 04.31	-48 13.1	19.5	-1.12	- 1.2	8.9/16.3	48197
2000 PZ ₂₅	2004 07 21.1	20 03.42	+00 49.7	18.8	-0.89	+ 0.7	8.4/24.1	13678	1997 SC ₁	2004 07 21.4	20 04.34	-18 01.3	17.3	-0.86	- 1.9	1.3/21.8	20689
1999 FC ₃	2004 07 21.2	20 03.34	-32 40.4	19.5	-1.04	- 1.6	4.9/19.2	50405	2000 SE ₁₉₂	2004 07 21.4	20 04.34	-27 44.4	19.2	-0.93	- 3.4	2.7/20.1	50493
2000 WY ₃₄	2004 07 21.2	20 03.35	-18 58.3	19.2	-0.78	- 4.7	0.4/21.5	47988	2001 XG ₂₄₁	2004 07 21.4	20 04.34	-10 21.1	19.3	-0.95	- 0.1	3.2/22.8	30590
2001 SS ₅₇	2004 07 21.2	20 03.43	-31 44.6	19.0	-1.18	- 3.2	4.9/19.2	46622	2001 UN ₁₇₇	2004 07 21.4	20 04.41	-24 31.7	21.2	-1.07	- 3.0	1.5/20.7	48145
1995 DB ₃	2004 07 21.2	20 03.44	+14 14.1	19.7	-1.13	+ 0.1	15.1/26.8	988	2002 CH ₂₅₂	2004 07 21.4	20 04.42	-13 16.4	19.8	-0.90	- 3.6	2.4/22.7	48212
2001 TL ₃₃	2004 07 21.2	20 03.47	-22 27.5	18.0	-1.07	- 1.0	0.9/20.9	46708	2001 XN ₁₅₂	2004 07 21.4	20 04.42	-08 53.4	20.7	-0.93	- 0.6	4.0/23.2	30580
2000 VV ₁₇	2004 07 21.2	20 03.51	-39 55.2	19.6	-0.93	- 4.3	5.6/17.1	50502	1999 VE ₃₈	2004 07 21.4	20 04.55	-05 36.6	18.9	-0.77	- 1.3	5.4/23.9	47819
2001 TL ₄₁	2004 07 21.2	20 03.52	-28 48.2	18.7	-1.06	- 2.5	3.1/19.8	46715	2002 CQ ₇₁	2004 07 21.4	20 04.62	-29 23.2	20.4	-0.93	- 0.7	2.8/20.1	29796
2001 SB ₂₀₅	2004 07 21.2	20 03.54	-12 02.0	19.7	-0.99	- 4.9	3.4/22.8	48103	2003 FO ₆₁	2004 07 21.5	20 04.55	-17 50.4	19.9	-0.92	- 4.6	0.9/22.0	50755
2000 XN ₅₀	2004 07 21.2	20 03.55	-20 25.4	18.7	-1.00	+ 1.7	0.0/21.2	27180	2001 VK ₁₁₇	2004 07 21.5	20 04.56	-18 04.1	19.4	-1.09	- 1.3	1.0/21.8	30550
1999 XW ₁₁₂	2004 07 21.2	20 03.58	+01 00.0	16.6	-1.03	+ 8.9	8.9/21.8	9290	2000 SW ₃₁₈	2004 07 21.5	20 04.58	-17 05.0	18.4	-1.02	+ 1.0	1.2/21.9	33274
2000 VR ₃₂	2004 07 21.2	20 03.60	-25 30.4	18.5	-0.81	- 3.4	1.4/20.3	47985	2001 BZ ₄₅	2004 07 21.5	20 04.66	-04 41.5	20.6	-0.75	- 4.7	4.5/24.8	48006
3469 T-3	2004 07 21.2	20 03.62	-04 55.0	19.2	-0.81	- 3.5	6.3/24.2	48392	2001 VH ₁₉	2004 07 21.5	20 04.72	-26 38.4	20.6	-1.00	- 3.0	2.2/20.4	23015
2001 UJ ₁₄₀	2004 07 21.2	20 03.62	-16 57.1	19.6	-0.97	- 4.7	1.5/21.9	48142	2002 CL ₁₂₇	2004 07 21.5	20 04.73	-16 27.1	20.1	-0.79	- 5.2	1.2/22.4	50592
2001 TG ₁₄₈	2004 07 21.2	20 03.62	-13 26.8	19.6	-0.95	- 5.4	2.7/22.6	48126	2001 UP ₄₁	2004 07 21.5	20 04.73	-32 31.3	19.8	-1.12	- 4.6	5.5/19.1	30510
1996 TN ₃	2004 07 21.2	20 03.68	-02 11.8	18.9	-0.86	- 4.6	6.8/24.9	47704	2003 BM ₅₃	2004 07 21.5	20 04.79	-16 53.1	19.8	-1.01	- 3.5	1.4/22.2	48320
2002 AK ₁₂₀	2004 07 21.2	20 03.70	-21 12.7	19.5	-0.79	- 2.9	0.2/21.1	30618	2000 XE ₄₀	2004 07 21.5	20 04.87	-45 04.9	19.7	-1.12	+ 0.2	7.3/17.5	30437
2001 SP ₈₅	2004 07 21.2	20 03.71	-22 04.4	19.9	-1.12	- 1.6	0.7/21.0	48092	2000 KY ₅₇	2004 07 21.5	20 04.88	-19 19.0	18.7	-0.94	- 6.1	0.5/21.8	26965
2001 SZ ₂₈₆	2004 07 21.2	20 03.75	-25 15.0	19.2	-1.11	- 6.1	1.9/20.3	48110	2001 YA ₈₆	2004 07 21.5	20 04.94	-23 52.1	19.1	-0.91	+ 0.3	1.1/21.1	50583
2002 AY ₁₁₀	2004 07 21.2	20 03.81	-24 26.8	20.4	-0.84	- 2.5	1.2/20.6	48190	2000 SC ₁₇₃	2004 07 21.6	20 04.94	-09 24.4	18.8	-0.91	+ 0.4	3.4/23.1	30397
2002 BJ ₃₀	2004 07 21.2	20 03.84	-43 02.1	18.1	-1.38	+ 2.5	9.4/18.3	31965	2002 CB ₆₅	2004 07 21.6	20 04.96	-35 56.2	20.1	-0.96	- 2.3	5.3/18.7	47173
2000 WX ₃	2004 07 21.3	20 03.76	-07 33.5	19.9	-0.78	0.0	3.3/23.3	27745	1999 RG ₂₂₁	2004 07 21.6	20 04.97	-20 47.9	18.9	-0.84	- 5.1	0.2/21.5	47798
1998 DX ₂₅	2004 07 21.3	20 03.79	-20 37.1	20.5	-0.88	- 3.3	0.1/21.3	47724	2000 QB ₂₁₅	2004 07 21.6	20 04.98	-14 30.5	19.1	-0.86	- 5.1	2.0/22.8	27689
2000 SB ₄₂	2004 07 21.3	20 03.80	-09 14.6	18.1	-0.90	+ 0.2	4.7/22.9	9817	2003 EE ₃₈	2004 07 21.6	20 04.99	+01 31.5	19.3	-0.84	- 3.1	8.7/26.1	47363
2002 AW ₁₆₂	2004 07 21.3	20 03.82	-20 16.8	19.7	-0.88	- 0.3	0.0/21.3	31441	2001 TA ₁₉₃	2004 07 21.6	20 05.01	-25 45.9	19.4	-1.03	- 1.8	1.9/20.7	27776
2001 XL ₁₈₄	2004 07 21.3	20 03.82	-21 10.9	19.6	-0.81	- 5.0	0.2/21.2	30582	1998 FP ₅₄	2004 07 21.6	20 05.04	-04 43.8	21.1	-0.80	- 3.6	4.6/24.7	49646
2001 VA ₅₃	2004 07 21.3	20 03.84	-29 39.5	19.7	-1.10	- 1.9	3.5/19.8	48151	2003 BW ₃₁	2004 07 21.6	20 05.08	-41 30.1	18.1	-1.21	+ 1.6	9.3/18.9	50739
2002 WO	2004 07 21.3	20 03.87	-05 39.7	19.1	-1.40	+ 8.0	7.4/21.8	43478	2001 RB ₉₁	2004 07 21.6	20 05.11	-23 47.8	19.6	-1.12	- 3.9	1.5/21.0	48077
2001 UP ₈	2004 07 21.3	20 03.88	-20 32.1	20.7	-1.01	- 3.8	0.1/21.3	23846	2003 HC	2004 07 21.6	20 05.12	-05 21.7	19.7	-0.76	- 3.5	4.8/24.7	47538
2000 SB ₃₂₈	2004 07 21.3	20 03.97	-17 44.2	18.7	-0.92	+ 0.8	1.1/21.7	47968	2003 EP ₅₉	2004 07 21.6	20 05.13	-25 26.9	20.2	-1.13	- 0.8	1.8/20.9	50753
2000 LQ ₃₀	2004 07 21.3	20 04.02	-17 06.7	17.3	-0.88	-10.4	1.4/22.2	50478	1998 FC ₈₈	2004 07 21.6	20 05.16	-09 16.3	19.9	-0.88	- 5.0	3.5/23.9	47727
2000 DK ₅₇	2004 07 21.3	20 04.06	-25 18.1	19.6	-1.16	- 1.0	2.2/20.7	41606	1998 DY ₁	2004 07 21.6	20 05.19	-19 27.7	19.2	-0.87	- 7.3	0.3/21.8	50381
2000 QC ₈₃	2004 07 21.3	20 04.07	-18 02.2	19.4	-0.89	- 2.8	0.8/21.8	30367	1999 VM ₈₁	2004 07 21.6	20 05.19	-04 01.1	19.0	-0.77	- 2.1	6.2/24.5	46386
2001 XT ₆₂	2004 07 21.3	20 04.13	-16 55.9	19.2	-0.92	- 2.8	1.1/22.0	30570	2003 FP ₈₃	2004 07 21.6	20 05.28	-51 02.6	20.1	-1.11	- 3.5	7.8/15.1	48353
2002 AB ₇₀	2004 07 21.3	20 04.13	-18 56.7	19.7	-0.90	- 1.0	0.4/21.6	30612	2000 QL ₁₂₀	2004 07 21.6	20 05.30	-09 03.0	18.5	-0.83	- 3.1	5.1/23.8	46436
1999 TM ₃₅	2004 07 21.3	20 04.16	+23 03.3	18.7	-0.94	- 6.5	21.4/05.5	50424	2002 YO ₂₉	2004 07 21.6	20 05.30	-21 54.3	20.7	-1.08	- 2.2	0.6/21.4	50729
2003 EY ₅₇	2004 07 21.3	20 04.16	+05 25.7	19.1	-0.73	- 6.9	7.7/28.1	50752	2001 VV ₄₁	2004 07 21.6	20 05.30	-36 55.2	18.7	-1.06	- 4.6	6.9/18.2	50573
2000 SE ₃₆₈	2004 07 21.3	20 04.17	-14 49.6	19.2	-0.91	- 1.2	2.0/22.3	30407	2000 SA ₁₂₈	2004 07 21.6	20 05.44	-47 17.9	18.8	-1.07	- 2.5	7.9/16.5	50491
2001 XZ ₂₅₂	2004 07 21.3	20 04.19	-17 20.8	20.0	-0.85	0.0	0.8/21.8	30591	2001 SY ₂₆₇	2004 07 21.7	20 05.34	-28 03.1	20.3	-1.07	- 4.5	2.9/20.2	25994
2001 TD ₃₃	2004 07 21.3	20 04.23	-27 46.9	18.3	-1.13	- 0.4	3.2/20.3	23794	2001 UG ₅	2004 07 21.7	20 05.34	+18 24.9	19.4	-1.00	+ 1.3	13.9/26.9	50567
2000 WN ₄₄	2004 07 21.4	20 04.21	-33 30.1	19.3	-0.90	- 4.1	4.3/18.8	47988	2000 UD ₆₈	2004 07 21.7	20 05.39	-07 22.6	19.4	-0.76	- 0.9	3.5/23.9	47980
2002 EK ₂₈	2004 07 21.4	20 04.21	-28 18.8	19.9	-0.89	- 1.8	2.4/20.0	29966	2002 CX ₇₈	2004 07 21.7	20 05.39	-17 50.4	20.0	-0.78	- 4.9	0.8/22.2	30652
2000 WC ₁₅₆	2004 07 21.4	20 04.24	-28 42.9	21.0	-0.87	- 2.0	2.3/19.9	53663	4124 T-2	2004 07 21.7	20 05.39	-17 55.5	19.6	-0.81	- 3.1	0.8/22.2	27868

1999 RA ₂₂₃	2004 07 21.7	20 05.42	-21 43.4	17.9	-0.89	+	0.7	0.5/21.5	47798
2000 YN ₁₃₅	2004 07 21.7	20 05.42	-06 38.9	20.0	-0.75	-	4.5	3.9/24.5	50515
2001 VD ₁₁₈	2004 07 21.7	20 05.43	-22 38.9	19.5	-1.05	-	3.0	0.9/21.3	48155
2001 YO ₇₁	2004 07 21.7	20 05.49	-23 52.1	21.7	-0.95	-	3.0	1.1/21.1	24017
2000 SX ₁₃	2004 07 21.7	20 05.50	-06 24.8	17.6	-0.94	+	0.6	5.3/23.6	47940
2001 YV ₂₃	2004 07 21.7	20 05.51	-15 11.0	19.3	-0.97	-	0.6	1.8/22.5	47079
2002 AW ₅₄	2004 07 21.7	20 05.52	-14 04.7	18.6	-0.88	+	0.1	2.5/22.7	31436
1999 RV ₂₄₁	2004 07 21.7	20 05.52	-26 43.4	19.0	-0.88	-	1.5	2.3/20.6	50421
2001 UV ₆₄	2004 07 21.7	20 05.52	-19 20.3	17.6	-1.05	-	0.6	0.4/21.9	48138
2002 CZ ₄₈	2004 07 21.7	20 05.59	-17 28.7	19.2	-0.80	-	3.8	1.0/22.3	50590
2001 VX ₉₂	2004 07 21.7	20 05.60	-25 51.8	19.0	-0.90	-	6.1	1.7/20.6	50574
2000 QW ₂₂₅	2004 07 21.7	20 05.61	-25 51.3	19.8	-0.98	+	1.8	2.9/21.0	41668
1999 RS ₄₁	2004 07 21.7	20 05.61	+17 01.6	18.9	-0.89	-	15.4	18.7/05.7	12931
2000 VM ₃₂	2004 07 21.7	20 05.61	-34 03.7	18.3	-0.89	-	4.1	3.9/18.9	47985
2002 ED ₁₄₀	2004 07 21.7	20 05.66	-32 44.1	19.8	-0.93	-	1.3	3.9/19.6	30080
2001 WK ₉₉	2004 07 21.7	20 05.69	-11 29.8	19.7	-0.94	-	4.2	3.7/23.4	46954
1993 HY ₂	2004 07 21.7	20 05.70	-25 34.4	18.9	-1.02	-	5.8	2.5/20.7	50368
2002 CB ₂₂₇	2004 07 21.7	20 05.71	-14 22.1	20.4	-0.78	-	2.7	1.7/22.9	31458
2001 XW ₈₃	2004 07 21.7	20 05.76	-14 30.4	21.0	-0.91	-	2.3	1.9/22.8	30572
2000 YJ ₇	2004 07 21.7	20 05.79	-28 27.2	19.7	-0.85	-	4.8	2.4/20.1	33335
2003 FC ₈₂	2004 07 21.7	20 05.82	-17 55.7	20.3	-0.89	-	3.5	0.8/22.2	47452
2003 BO ₈₇	2004 07 21.7	20 05.83	-31 46.0	19.1	-1.04	-	2.3	4.4/19.9	50743
2001 RL ₄₉	2004 07 21.8	20 05.74	-12 20.6	20.2	-1.03	-	3.1	3.2/23.2	46587
2001 XQ ₂₂₇	2004 07 21.8	20 05.92	-30 04.8	18.6	-0.99	-	5.5	4.8/19.7	48173
2000 WO ₇₇	2004 07 21.8	20 05.97	-11 45.5	19.6	-0.82	-	0.4	2.7/23.2	47990
2000 SQ ₂₅₇	2004 07 21.8	20 06.00	-26 43.6	19.3	-0.93	-	3.4	2.4/20.6	47963
2001 TU ₆₂	2004 07 21.8	20 06.03	-17 25.6	20.0	-0.98	-	3.5	1.0/22.4	48118
2000 WP ₁₅₈	2004 07 21.8	20 06.04	-27 01.7	21.4	-0.85	-	4.0	1.7/20.5	13798
2000 SS ₁₃₁	2004 07 21.8	20 06.06	-05 34.3	18.1	-0.99	+	2.1	6.2/23.4	13758
2001 XF ₁₆₀	2004 07 21.8	20 06.07	-08 35.9	19.6	-0.82	+	0.1	3.4/23.7	47034
2000 JP ₁	2004 07 21.8	20 06.07	-27 48.2	19.7	-1.09	-	5.5	3.2/20.4	49799
2001 SN ₁₉₈	2004 07 21.8	20 06.11	-11 57.4	21.7	-0.99	-	4.6	3.0/23.4	46664
2000 GV ₉₉	2004 07 21.8	20 06.12	-32 15.3	17.9	-1.09	-	0.4	6.0/20.1	43361
2001 SC ₂₆₆	2004 07 21.8	20 06.14	-06 45.5	19.3	-0.93	-	2.8	5.1/24.3	48108
2000 WQ ₁₃	2004 07 21.8	20 06.21	-27 41.6	20.9	-0.90	-	1.5	2.2/20.6	47987
2001 SB ₂₄₉	2004 07 21.9	20 06.14	-37 53.6	19.9	-1.20	-	2.7	7.6/18.6	46674
2001 XA ₂₄₁	2004 07 21.9	20 06.14	-27 05.9	18.2	-1.07	-	5.1	3.2/20.5	50581
1994 AV ₅	2004 07 21.9	20 06.14	-20 11.1	18.7	-1.00	-	1.0	0.0/21.9	25679
2001 TO ₂₀₁	2004 07 21.9	20 06.15	-27 37.4	19.7	-1.12	-	6.6	3.4/20.3	30496
2000 UQ ₅₆	2004 07 21.9	20 06.16	-10 16.6	20.0	-0.89	-	0.8	3.5/23.4	27735
1999 NY ₃₈	2004 07 21.9	20 06.17	-27 30.1	17.7	-0.94	-	0.3	2.3/20.8	62242
2001 XO ₁₆	2004 07 21.9	20 06.17	-07 09.3	19.8	-0.94	+	0.2	4.6/23.8	30562
2001 UW ₁₂₆	2004 07 21.9	20 06.20	-25 49.8	20.0	-1.05	-	4.8	2.0/20.8	23882
2000 GB ₁₂₅	2004 07 21.9	20 06.22	-09 42.6	17.5	-0.85	-	8.6	5.0/25.0	47883
2000 TC ₄₃	2004 07 21.9	20 06.22	-40 47.3	19.8	-1.09	-	3.5	7.0/17.7	47973
2001 TE ₁₆₆	2004 07 21.9	20 06.25	-19 03.3	17.6	-1.03	+	0.2	0.6/22.1	48128
2001 WK ₃₁	2004 07 21.9	20 06.27	-26 52.8	19.1	-1.00	-	5.3	2.5/20.6	46936
2003 AJ ₇₉	2004 07 21.9	20 06.29	-37 18.4	20.1	-1.24	-	10.8	6.2/17.6	48315
2801 P-L	2004 07 21.9	20 06.30	-11 39.2	19.8	-0.92	-	4.2	3.5/23.6	48386
2001 TC ₁₄₇	2004 07 21.9	20 06.34	-28 15.1	19.3	-1.05	-	5.0	3.0/20.4	48126
1999 TK ₂₄₉	2004 07 21.9	20 06.34	-27 25.0	17.6	-0.93	+	1.2	2.8/21.0	62247

2002 CU ₁₃₀	2004 07 21.9	20 06.38	-17 45.1	20.9	-0.80	-	1.6	0.7/22.4	30666
2001 XJ ₄₂	2004 07 21.9	20 06.38	-39 53.1	20.3	-0.94	-	3.3	5.1/18.0	46975
2001 RP ₉₅	2004 07 21.9	20 06.38	+03 12.8	20.3	-0.94	-	7.2	8.3/27.4	48077
1999 RH ₁₁	2004 07 21.9	20 06.39	-15 21.2	19.1	-0.79	-	6.3	1.7/23.1	47786
1995 UH ₂₀	2004 07 21.9	20 06.40	-19 43.4	20.1	-0.87	-	2.3	0.2/22.1	62215
2002 CR ₈₅	2004 07 21.9	20 06.40	-20 39.9	22.3	-0.76	-	3.5	0.1/21.9	50591
2000 RB ₈	2004 07 21.9	20 06.40	-24 15.5	19.5	-0.92	-	6.0	1.4/21.1	27691
2001 QL ₂₃₄	2004 07 21.9	20 06.47	-27 20.6	19.2	-1.17	-	1.7	3.1/20.8	46566
2000 VC ₈	2004 07 21.9	20 06.47	-18 31.8	19.9	-0.84	-	2.4	0.5/22.3	47983
2003 GD ₂₆	2004 07 21.9	20 06.49	-25 36.5	19.5	-0.98	-	2.2	2.2/21.1	50760
2001 SY ₂₅₃	2004 07 21.9	20 06.50	-11 32.6	17.8	-0.81	-	5.6	4.7/23.9	25992
2001 RY ₁₃₉	2004 07 21.9	20 06.50	-18 58.4	20.0	-1.01	-	4.1	0.5/22.2	48080
2000 EB ₉₂	2004 07 21.9	20 06.54	-08 05.5	18.4	-0.95	-	3.6	5.8/24.3	41615
2001 WB ₃₈	2004 07 21.9	20 06.57	-14 59.2	19.6	-0.99	-	4.5	2.3/23.0	46941
2003 AW ₅₉	2004 07 21.9	20 06.58	-24 54.5	19.5	-1.05	-	3.2	1.7/21.2	43489
2003 FH ₉₀	2004 07 22.0	20 06.53	-06 39.2	19.7	-0.79	-	1.3	4.6/24.4	47463
2003 FJ ₉₃	2004 07 22.0	20 06.54	-15 45.0	20.8	-0.90	-	4.1	1.4/22.9	47468
2000 QW ₄₈	2004 07 22.0	20 06.60	-08 03.5	18.9	-0.86	-	5.4	4.2/24.5	27677
2001 XQ ₅₈	2004 07 22.0	20 06.63	-13 22.5	19.8	-0.89	-	2.6	2.4/23.2	46984
1996 EW ₈	2004 07 22.0	20 06.63	-24 03.3	19.6	-1.05	-	3.1	1.7/21.4	60477
1995 UA ₇₈	2004 07 22.0	20 06.63	-05 34.4	19.6	-0.81	-	2.9	5.7/24.8	47699
2001 QV ₁₉₁	2004 07 22.0	20 06.64	-44 24.3	18.7	-1.63	+	5.9	9.2/20.5	48060
2000 VM ₂₅	2004 07 22.0	20 06.65	-19 50.5	18.4	-0.83	-	3.5	0.2/22.1	7322
1999 TP ₃₃	2004 07 22.0	20 06.69	+07 04.0	18.7	-0.72	-	2.2	10.6/27.5	46378
2002 DW ₅	2004 07 22.0	20 06.73	-09 51.1	21.7	-0.75	-	3.6	2.9/24.1	47190
2003 EB ₃₇	2004 07 22.0	20 06.76	-31 21.2	18.5	-0.97	-	6.5	4.0/19.6	50751
2000 WR ₄	2004 07 22.0	20 06.77	-14 01.6	19.1	-0.83	-	0.3	1.9/23.0	27745
2002 CE ₂₂₇	2004 07 22.0	20 06.80	-11 25.6	19.3	-0.79	-	5.8	2.9/24.0	30686
2002 AO ₁₇₂	2004 07 22.0	20 06.88	-24 17.5	19.1	-0.90	-	2.8	1.5/21.3	62386
2001 UE ₂₀₅	2004 07 22.0	20 06.90	-27 21.5	19.7	-1.07	-	2.2	3.1/20.9	50571
2001 TO ₄₆	2004 07 22.0	20 06.91	-08 34.4	20.5	-0.99	-	8.5	3.9/24.7	30476
2000 UF ₈₂	2004 07 22.0	20 06.91	-34 53.3	19.1	-0.95	-	1.9	4.5/19.4	30416
2001 WK ₁₆	2004 07 22.0	20 06.97	-38 18.3	21.1	-1.10	-	2.1	5.6/18.9	46929
2002 AJ ₂₄	2004 07 22.0	20 06.98	-30 34.2	19.2	-1.05	+	0.1	3.6/20.6	30606
2000 QV ₉₁	2004 07 22.0	20 07.02	-27 18.4	19.2	-1.12	+	1.6	2.9/21.2	47918
2000 WE ₁₇₉	2004 07 22.1	20 06.96	-26 52.3	19.8	-0.84	-	5.3	2.0/20.7	47994
2001 XW ₂₃₅	2004 07 22.1	20 06.97	-25 01.3	19.8	-1.00	-	3.2	1.9/21.2	47065
1999 TE ₁₈₆	2004 07 22.1	20 07.00	-53 27.6	19.4	-1.94	+	2.7	15.1/17.8	47809
2002 AZ ₁₇₉	2004 07 22.1	20 07.01	-46 57.8	19.7	-1.05	-	5.9	7.5/15.6	50588
2001 UO ₅₅	2004 07 22.1	20 07.01	-19 30.8	17.2	-1.03	+	2.6	0.4/22.2	50568
2001 WV ₄₀	2004 07 22.1	20 07.02	-01 36.7	20.2	-0.93	-	0.3	6.6/24.9	23939
2003 CL ₁₀	2004 07 22.1	20 07.03	-13 35.5	20.2	-1.07	-	3.1	2.7/23.3	62442
1993 QP ₄	2004 07 22.1	20 07.10	-18 37.8	18.0	-0.91	-	5.0	0.8/22.5	47688
2003 FH ₁₂	2004 07 22.1	20 07.12	-48 25.5	18.7	-1.23	-	1.3	10.9/17.2	50754
2001 WF ₉₀	2004 07 22.1	20 07.19	-43 41.7	19.4	-1.18	-	2.5	8.8/17.7	48158
2002 CV ₈₃	2004 07 22.1	20 07.20	-22 08.3	20.7	-0.82	-	2.5	0.5/21.8	31967
2002 CZ ₂₂	2004 07 22.1	20 07.28	-14 36.7	20.5	-0.75	-	3.9	1.6/23.3	49974
2001 TF ₁₆₉	2004 07 22.1	20 07.38	-36 31.5	19.2	-1.11	-	1.1	5.7/19.5	46760
2003 BX ₈₉	2004 07 22.2	20 07.33	-13 51.2	19.6	-1.05	-	1.8	2.5/23.2	50743
2001 YE ₁₂₂	2004 07 22.2	20 07.40	-51 17.7	20.7	-1.13	-	3.6	8.1/15.7	47107
2000 EW ₄₆	2004 07 22.2	20 07.52	-29 45.9	19.6	-1.19	-	1.8	4.0/20.7	43358

2001 VU ₈₂	2004 07 22.2	20 07.55	-38 49.2	21.8	-1.08	-	4.0	5.7/18.5	46902
2002 AL ₁₁₆	2004 07 22.2	20 07.56	-20 05.0	19.6	-1.00	-	2.1	0.0/22.3	48190
1978 VU ₉	2004 07 22.2	20 07.56	-26 05.6	19.6	-1.04	-	3.7	2.2/21.2	47679
2002 CR ₂₉₄	2004 07 22.2	20 07.59	-34 50.8	20.1	-0.93	-	2.1	4.6/19.6	47189
2001 TN ₆₆	2004 07 22.2	20 07.59	-20 40.3	18.7	-1.04	-	3.8	0.2/22.2	30479
2000 YB ₉₀	2004 07 22.2	20 07.59	-11 10.2	18.9	-0.90	+	2.6	2.9/23.3	17518
6350 P-L	2004 07 22.2	20 07.61	-14 28.2	21.2	-0.94	-	2.6	1.9/23.2	48388
2000 SF ₁₄₂	2004 07 22.2	20 07.61	-05 16.1	19.3	-0.85	-	2.2	5.3/24.9	15090
2001 VE ₅₁	2004 07 22.2	20 07.62	-20 35.3	18.4	-1.09	+	0.1	0.2/22.2	30540
2000 RE ₈₄	2004 07 22.2	20 07.64	-27 48.1	19.2	-1.10	+	0.1	2.8/21.2	57782
2001 UW ₉₃	2004 07 22.2	20 07.65	-24 37.3	19.5	-0.95	-	5.8	1.5/21.3	48139
1999 RE ₂₀₈	2004 07 22.2	20 07.66	-10 30.6	18.1	-0.85	+	1.2	3.5/23.6	47797
2000 OT ₃₇	2004 07 22.2	20 07.70	-00 05.2	18.8	-0.88	-	2.0	8.2/25.8	46417
2000 SF ₁₆₃	2004 07 22.2	20 07.71	-07 36.3	20.2	-0.76	-	1.7	3.7/24.6	47955
2000 TP ₂₀	2004 07 22.2	20 07.71	-02 22.1	18.7	-0.79	-	8.6	8.0/26.7	10991
2001 RG ₉₉	2004 07 22.2	20 07.72	-14 35.0	21.0	-1.08	-	5.0	2.4/23.3	48078
2003 HV ₃₁	2004 07 22.2	20 07.72	-07 32.1	19.2	-0.66	-	2.6	4.0/24.8	50763
2000 SW ₁₉₉	2004 07 22.2	20 07.75	-08 29.3	19.2	-0.83	-	3.3	4.8/24.6	47958
2001 SR ₂₄₄	2004 07 22.2	20 07.76	-22 29.7	21.2	-1.04	-	3.8	0.9/21.9	46671
2000 RO ₈₉	2004 07 22.2	20 07.79	-18 32.4	18.4	-0.91	-	0.6	0.5/22.6	47938
1999 RO ₁₅	2004 07 22.3	20 07.73	-48 03.0	17.9	-1.27	+	2.7	9.4/18.6	62242
2001 SH ₁₆₀	2004 07 22.3	20 07.76	-10 48.6	19.5	-0.99	-	2.7	3.8/23.9	46657
2003 EW ₈	2004 07 22.3	20 07.80	-17 49.1	20.2	-1.04	-	1.8	0.9/22.7	50748
2001 YC ₁₃₆	2004 07 22.3	20 07.82	-23 06.2	18.2	-1.04	+	0.8	1.0/21.9	48183
2002 AO ₅	2004 07 22.3	20 07.83	-25 59.3	18.2	-1.01	-	5.4	2.4/21.1	48184
2000 SB ₁₇₆	2004 07 22.3	20 07.86	-30 13.1	18.9	-0.94	-	0.8	3.1/20.7	47956
4330 P-L	2004 07 22.3	20 07.88	-21 10.1	19.3	-1.05	-	1.9	0.4/22.2	35417
2001 RT ₄₂	2004 07 22.3	20 07.88	-26 45.9	20.3	-1.16	-	0.8	2.8/21.4	49928
2000 QM ₃₄	2004 07 22.3	20 07.90	-58 33.8	19.9	-1.89	+	5.4	14.5/17.8	13684
2001 XT ₁₅₄	2004 07 22.3	20 07.95	-19 56.5	20.6	-1.03	-	2.8	0.1/22.4	48169
2000 RR ₈₈	2004 07 22.3	20 07.97	-18 53.3	19.4	-0.93	-	1.1	0.5/22.6	22500
2003 GO ₈	2004 07 22.3	20 07.98	-20 25.0	19.5	-0.91	-	2.0	0.1/22.3	47510
2000 WD ₃₃	2004 07 22.3	20 07.99	+03 02.1	19.4	-0.74	-	1.0	6.2/26.5	31923
2000 JW ₂₁	2004 07 22.3	20 07.99	-22 33.6	18.1	-0.97	-	1.6	1.2/22.0	50475
2001 SN ₁₂₅	2004 07 22.3	20 08.02	-13 35.6	20.3	-1.02	-	3.3	2.5/23.5	46648
2001 XP ₂₂₁	2004 07 22.3	20 08.04	-20 22.8	18.2	-0.97	-	1.2	0.1/22.3	62384
2000 WR ₁₈₁	2004 07 22.3	20 08.05	-17 36.9	20.8	-0.77	-	5.3	0.7/22.9	33325
1997 WN ₁₅	2004 07 22.3	20 08.07	-23 30.6	18.3	-0.89	-	5.1	1.7/21.7	47719
2000 SH ₃₇₀	2004 07 22.3	20 08.08	-32 27.9	20.3	-0.99	-	3.7	3.9/19.9	33276
2000 YR ₄₆	2004 07 22.3	20 08.11	-08 16.8	16.8	-1.06	+	7.4	4.6/23.0	9492
2003 CH ₇	2004 07 22.3	20 08.13	-43 12.8	20.8	-1.46	+	3.0	8.0/20.0	48325
1998 FN ₃₄	2004 07 22.3	20 08.17	-15 07.3	20.0	-0.86	-	2.6	1.5/23.3	47725
2001 QU ₅₄	2004 07 22.3	20 08.18	-28 18.9	18.1	-1.09	-	4.0	4.1/20.9	41707
2001 QX ₂₂₉	2004 07 22.3	20 08.23	-17 52.2	19.0	-1.09	-	1.2	0.9/22.7	23671
1999 JT ₇₀	2004 07 22.4	20 08.18	-37 30.6	19.4	-1.08	-	4.3	5.8/19.0	50409
2000 QS ₁₈₅	2004 07 22.4	20 08.20	-28 36.5	19.2	-0.98	-	2.6	3.8/20.9	47926
2000 WL ₁₇₁	2004 07 22.4	20 08.27	-26 17.9	18.4	-0.90	-	8.4	2.6/20.9	18304
2003 BL ₈₉	2004 07 22.4	20 08.28	-07 07.5	21.4	-0.79	-	6.6	4.1/25.6	48323
1999 RN ₉	2004 07 22.4	20 08.28	+04 59.1	19.0	-0.74	-	6.7	8.3/28.7	31857
2001 SP ₁₄	2004 07 22.4	20 08.31	-10 57.3	20.7	-0.99	-	4.6	3.4/24.2	46609
2000 ER ₁₃₁	2004 07 22.4	20 08.36	-31 05.0	19.6	-1.20	-	1.4	4.8/20.8	47868

2001 XE ₂₃₇	2004 07 22.4	20 08.37	-21 53.3	19.4	-0.99	-	2.4	0.7/22.2	48173
1997 WD ₁₇	2004 07 22.4	20 08.37	-12 35.3	19.6	-0.94	-	1.9	2.5/23.7	47719
2001 RC ₇₂	2004 07 22.4	20 08.37	-20 01.1	18.3	-1.11	-	0.8	0.1/22.5	46590
2001 XP ₆₅	2004 07 22.4	20 08.38	-21 52.7	19.1	-0.91	-	4.3	0.6/22.1	48164
2001 UH ₅₅	2004 07 22.4	20 08.42	-20 48.4	21.3	-1.03	-	3.0	0.2/22.3	48137
1999 RK ₇₈	2004 07 22.4	20 08.45	-13 38.7	20.2	-0.78	-	3.1	2.0/23.7	29073
2000 SJ ₁₁₂	2004 07 22.4	20 08.49	-19 18.6	20.5	-0.92	-	2.8	0.3/22.6	29344
2002 CT ₇₄	2004 07 22.4	20 08.49	-20 59.7	19.3	-0.79	-	2.9	0.3/22.3	47174
2000 UH ₉₃	2004 07 22.4	20 08.49	-10 33.1	20.1	-0.92	+	0.1	3.8/23.8	17477
2003 EQ ₅₀	2004 07 22.4	20 08.51	-16 33.0	20.4	-1.01	-	3.2	1.4/23.1	47378
2000 SU ₃₄₄	2004 07 22.4	20 08.55	-32 35.7	18.5	-0.97	-	7.3	5.2/19.5	29421
2001 QH ₇₈	2004 07 22.4	20 08.62	-36 19.2	19.2	-1.07	-	2.6	5.0/19.5	48051
2000 SQ ₁₂₈	2004 07 22.5	20 08.52	-05 45.3	18.5	-0.77	-	5.2	6.3/25.7	46479
2003 CH ₆	2004 07 22.5	20 08.54	-24 54.9	20.5	-1.15	-	2.3	2.0/21.7	53733
2001 XZ ₁₃₆	2004 07 22.5	20 08.55	-23 54.0	19.6	-0.94	-	3.7	1.4/21.8	47022
2001 PF ₄₇	2004 07 22.5	20 08.61	-35 42.5	19.6	-1.48	+	3.3	5.7/20.9	30458
2001 UC ₁₁₄	2004 07 22.5	20 08.63	-39 29.8	20.4	-1.11	-	3.2	6.6/18.8	46821
1999 RT ₁₅₁	2004 07 22.5	20 08.65	-18 27.1	19.6	-0.83	-	3.9	0.5/22.9	47794
2001 YM ₁₃₇	2004 07 22.5	20 08.68	-29 36.0	20.8	-0.96	-	1.8	2.9/20.9	26112
2001 TX ₆₃	2004 07 22.5	20 08.70	-39 18.5	18.2	-1.12	-	4.3	7.1/18.6	50562
1999 UQ ₂₆	2004 07 22.5	20 08.71	+16 04.2	19.5	-0.79	+	0.1	11.5/28.3	1516
2000 JB ₁₂	2004 07 22.5	20 08.74	-11 50.3	19.8	-1.03	-	2.7	3.5/24.0	40106
2003 BF	2004 07 22.5	20 08.75	-30 52.1	19.9	-1.10	-	4.2	3.9/20.5	48316
2001 XR ₂	2004 07 22.5	20 08.78	-24 55.5	16.0	-1.61	+12.7		2.5/22.5	30560
2000 JG ₂₅	2004 07 22.5	20 08.80	-16 41.1	16.8	-1.10	+	1.5	1.7/23.0	62299
1999 RA ₁₉₉	2004 07 22.5	20 08.81	-21 33.8	18.2	-1.02	+	3.6	0.5/22.4	30313
1999 NR ₂	2004 07 22.5	20 08.82	-15 28.0	15.7	-1.23	-29.1		2.3/24.2	62242
2001 SN ₁₆	2004 07 22.5	20 08.84	-20 00.0	19.7	-1.05	-	4.0	0.1/22.6	48083
1999 RJ ₁₈₄	2004 07 22.5	20 08.86	-37 21.2	19.2	-1.00	-	1.6	5.7/19.3	30313
2001 UU ₁₆₇	2004 07 22.5	20 08.90	-36 36.4	17.2	-1.20	+	2.3	7.7/20.5	62378
2003 EV ₁₃	2004 07 22.5	20 08.91	-15 15.3	19.8	-1.00	-	2.9	2.0/23.4	50749
2000 GK ₅	2004 07 22.5	20 09.00	-14 52.9	19.5	-1.03	-	1.5	2.4/23.4	47876
2001 TS ₁₈₆	2004 07 22.6	20 08.98	-25 08.7	19.3	-1.06	-	1.8	2.1/21.8	43440
1999 RW ₂₀₀	2004 07 22.6	20 09.00	-32 04.1	17.8	-1.00	+	2.0	3.7/21.1	30313
1999 RJ ₁₉₁	2004 07 22.6	20 09.01	-36 17.6	18.7	-0.98	-	1.3	5.6/19.7	29095
2001 RQ ₄₉	2004 07 22.6	20 09.04	-20 29.4	20.1	-1.05	-	2.8	0.1/22.6	48073
2000 MB ₅	2004 07 22.6	20 09.05	-18 32.9	16.7	-1.10	+	6.3	0.8/22.7	62303
2001 YM ₈₀	2004 07 22.6	20 09.06	-14 58.2	20.6	-0.81	-	0.5	1.4/23.5	26102
2000 SX ₁₉₀	2004 07 22.6	20 09.08	-22 15.7	18.6	-0.94	-	1.3	0.8/22.3	47957
6271 P-L	2004 07 22.6	20 09.08	-20 27.3	19.3	-0.77	-	2.1	0.1/22.6	48388
2003 ET ₄₃	2004 07 22.6	20 09.09	-14 30.8	21.0	-0.98	-	3.1	2.0/23.6	47370
2001 YZ ₁₁₃	2004 07 22.6	20 09.18	-19 12.6	21.1	-0.75	-	3.0	0.2/22.8	50583
2002 AL ₁₉₇	2004 07 22.6	20 09.20	-20 57.2	19.5	-0.94	-	2.5	0.3/22.5	61217
2001 SC ₁₁₀	2004 07 22.6	20 09.22	-30 54.3	18.5	-1.15	-	0.6	5.4/20.9	48094
2002 AX ₄₃	2004 07 22.6	20 09.23	-18 38.4	20.2	-0.89	-	3.9	0.5/23.0	27803
2000 VJ ₄₇	2004 07 22.6	20 09.24	-40 47.6	19.0	-0.98	-	2.8	5.6/18.4	30422
2000 UP ₈₇	2004 07 22.6	20 09.25	-30 24.7	17.8	-0.85	-	4.9	3.2/20.5	50500
2000 VE ₁₀	2004 07 22.6	20 09.26	-32 13.5	20.7	-0.89	-	3.3	3.7/20.3	47983
2002 AB ₁₈₉	2004 07 22.6	20 09.27	-19 44.0	18.2	-0.92	-	7.7	0.2/22.8	48194
2001 UE ₅₄	2004 07 22.6	20 09.28	-08 50.1	20.8	-0.97	-	3.1	4.6/24.7	46799
2000 RZ ₈₄	2004 07 22.6	20 09.29	-26 34.4	19.2	-0.96	-	2.7	2.4/21.5	47937

2002 AG ₁₃₄	2004 07 22.6	20 09.29	-17 34.3	19.9	-0.91	- 3.5	0.9/23.2	49961
2001 VW ₃₆	2004 07 22.6	20 09.30	-18 56.8	17.7	-0.95	- 2.4	0.6/22.9	48149
2001 SW ₁₇₈	2004 07 22.6	20 09.36	-11 56.1	18.8	-0.97	- 5.0	3.7/24.3	23758
2000 KZ ₃₆	2004 07 22.6	20 09.38	-20 33.9	18.6	-0.87	- 2.8	0.2/22.6	47897
2001 XW ₁₈₇	2004 07 22.7	20 09.32	-17 48.4	18.7	-0.92	- 3.6	1.0/23.1	48170
2002 CE ₃₂	2004 07 22.7	20 09.32	-32 16.1	18.8	-0.96	- 0.6	4.2/20.7	33961
1999 BL ₂₉	2004 07 22.7	20 09.39	-21 54.5	20.1	-1.05	- 1.8	0.7/22.4	47765
2001 XA ₁₆₉	2004 07 22.7	20 09.42	-23 41.2	19.4	-0.91	- 3.8	1.3/22.0	47038
2000 WD ₄₈	2004 07 22.7	20 09.43	-21 46.1	18.9	-0.82	- 5.5	0.5/22.4	47989
3148 T-3	2004 07 22.7	20 09.45	-30 49.0	20.0	-1.15	- 3.2	4.0/20.8	53872
2001 VY ₁₇	2004 07 22.7	20 09.46	-20 02.9	19.0	-0.98	- 3.7	0.0/22.7	43452
2001 SL ₆₄	2004 07 22.7	20 09.47	-15 50.8	17.2	-0.75	- 5.3	2.4/23.7	25968
2001 XO ₂₉	2004 07 22.7	20 09.48	-16 42.4	19.0	-0.98	- 4.0	1.4/23.4	50577
2000 CS ₆₆	2004 07 22.7	20 09.49	-32 39.8	18.0	-1.18	- 0.7	5.8/20.8	62272
1995 YT ₂₀	2004 07 22.7	20 09.52	-17 37.3	19.9	-0.86	- 3.5	0.8/23.2	47701
2000 RM ₉₇	2004 07 22.7	20 09.63	+00 17.0	18.1	-0.92	+ 1.3	8.7/25.0	47939
2001 VJ ₈₀	2004 07 22.7	20 09.64	-28 53.7	18.0	-1.08	- 1.0	3.9/21.4	43455
2000 QS ₇₄	2004 07 22.7	20 09.65	-19 44.1	17.7	-0.88	- 2.0	0.2/22.8	47916
2003 CE ₂₁	2004 07 22.7	20 09.66	-13 26.7	18.9	-0.87	- 7.6	2.3/24.3	48327
2003 DL ₉	2004 07 22.7	20 09.67	-32 59.1	19.6	-1.16	- 3.1	5.3/20.5	50746
2000 UR ₇₂	2004 07 22.7	20 09.74	-16 12.5	17.8	-0.86	0.0	1.2/23.4	30416
2000 GJ	2004 07 22.7	20 09.76	-16 06.8	17.8	-0.85	- 3.7	2.1/23.6	20764
2002 XO ₃₅	2004 07 22.7	20 09.78	-30 37.1	19.0	-1.13	-10.3	3.7/20.2	48303
2000 PC ₁₀	2004 07 22.7	20 09.79	-18 44.4	18.0	-0.85	-10.0	0.6/23.1	22279
2003 BY ₁₂	2004 07 22.7	20 09.80	-18 45.8	20.3	-0.94	- 4.6	0.4/23.1	48316
2001 XS ₂₂	2004 07 22.7	20 09.80	-25 20.4	19.6	-1.00	- 2.3	1.9/21.9	48160
2001 VH ₉₀	2004 07 22.8	20 09.72	-24 51.5	17.9	-0.96	-11.8	2.4/21.5	30547
2001 TA ₂₃	2004 07 22.8	20 09.81	-25 38.3	19.4	-1.07	- 4.6	2.2/21.7	23791
1999 CV ₁₀₉	2004 07 22.8	20 09.82	-14 39.6	18.9	-1.02	- 0.8	2.1/23.6	47769
2001 TH ₉₀	2004 07 22.8	20 09.85	-18 22.2	19.0	-1.06	- 1.2	0.7/23.1	46737
1999 AJ ₂₆	2004 07 22.8	20 09.86	-21 33.2	18.4	-0.99	- 5.4	0.6/22.5	47763
2001 SB ₇₂	2004 07 22.8	20 09.86	-26 48.1	19.4	-1.04	- 5.6	3.4/21.4	23725
1999 CY ₇₃	2004 07 22.8	20 09.87	-13 47.6	19.6	-0.94	- 4.3	2.3/24.1	47768
2003 BL ₇₁	2004 07 22.8	20 09.88	-13 19.5	19.8	-0.90	- 5.7	2.4/24.3	50742
2000 WF ₁₅₆	2004 07 22.8	20 09.89	-04 32.4	18.0	-0.86	+ 1.8	5.0/24.9	25890
1996 JF ₁₁	2004 07 22.8	20 09.91	-13 21.0	18.3	-0.88	- 6.3	3.0/24.3	60478
2001 TT ₁₆₃	2004 07 22.8	20 09.95	-32 23.6	18.9	-1.07	- 2.2	6.2/20.7	25405
2000 QR ₁₅₆	2004 07 22.8	20 09.96	-20 43.4	19.2	-1.09	+ 2.8	0.3/22.8	30372
2000 HQ ₂₃	2004 07 22.8	20 10.05	-30 38.1	18.2	-0.99	- 6.9	5.1/20.4	25780
2001 VP ₁	2004 07 22.8	20 10.10	-33 57.1	19.2	-1.10	- 3.6	6.4/20.1	46857
2000 SJ ₃₃	2004 07 22.8	20 10.15	-29 43.8	18.7	-0.95	- 3.0	4.0/21.1	62308
2001 RV ₁₁₆	2004 07 22.8	20 10.16	-28 25.8	20.1	-1.16	- 2.7	3.4/21.4	46601
2000 SK ₂₀₆	2004 07 22.8	20 10.18	-25 30.8	19.6	-0.95	- 3.3	2.0/21.9	47958
2000 SG ₁₆₅	2004 07 22.8	20 10.20	-11 25.7	18.1	-0.94	+ 0.8	3.4/24.1	27713
2001 RE ₆₉	2004 07 22.8	20 10.21	-28 07.1	18.2	-1.18	- 0.4	3.6/21.7	48075
2000 QD ₁₂₇	2004 07 22.9	20 10.12	-38 14.7	19.7	-1.18	+ 1.1	7.3/20.2	47922
2000 SX ₂₆₂	2004 07 22.9	20 10.16	-20 45.9	18.2	-0.89	- 5.8	0.3/22.8	47963
2002 EC ₁₃₀	2004 07 22.9	20 10.18	-06 56.3	18.9	-0.76	- 1.0	3.9/25.2	48223
1999 CR ₈₉	2004 07 22.9	20 10.20	-24 15.0	19.4	-1.04	- 4.0	1.5/22.1	47768
2001 TX ₉₃	2004 07 22.9	20 10.21	-30 27.3	20.1	-1.17	- 2.2	4.0/21.1	23814
2001 VU ₄₃	2004 07 22.9	20 10.22	-22 37.4	19.2	-1.05	- 4.2	1.1/22.4	46884

2001 XC ₁₅₂	2004 07 22.9	20 10.24	-22 32.4	19.6	-1.02	- 4.0	1.0/22.5	30580
2002 CA ₆₅	2004 07 22.9	20 10.27	-30 31.4	19.7	-0.84	- 3.1	2.8/20.9	30649
2003 DA ₁₉	2004 07 22.9	20 10.28	-25 51.0	20.6	-1.09	- 2.6	2.3/22.0	62442
2000 WG ₈	2004 07 22.9	20 10.30	-10 53.0	21.2	-0.78	- 0.9	2.4/24.5	9867
2001 XE ₅₀	2004 07 22.9	20 10.31	-29 38.6	19.7	-0.95	- 0.6	3.0/21.4	48162
2001 WL ₁₀₂	2004 07 22.9	20 10.33	-30 19.6	21.5	-0.95	- 4.1	3.3/20.9	46955
2000 UE ₅₅	2004 07 22.9	20 10.33	+01 10.1	20.5	-0.74	- 1.8	5.6/27.0	33288
2001 SA ₂₃₃	2004 07 22.9	20 10.39	-32 15.5	19.1	-1.11	- 3.0	5.1/20.8	43428
2002 AP ₁₂₀	2004 07 22.9	20 10.49	-24 37.9	19.1	-0.89	- 0.3	1.4/22.3	56322
6799 P-L	2004 07 22.9	20 10.50	-19 52.2	19.7	-0.97	- 3.8	0.1/23.0	26182
2003 BR ₉₀	2004 07 22.9	20 10.50	-32 53.6	19.3	-1.15	- 4.3	5.6/20.5	50743
2001 TB ₁₁	2004 07 22.9	20 10.51	-27 24.2	19.8	-1.07	- 3.0	2.9/21.7	48114
2000 UC ₉₄	2004 07 22.9	20 10.53	-36 28.3	18.9	-0.97	- 1.9	5.2/19.9	47981
2002 CW ₇₉	2004 07 22.9	20 10.54	-31 12.9	19.9	-1.06	+ 0.1	3.7/21.3	61218
2001 TX ₂₁₉	2004 07 22.9	20 10.56	-17 24.8	19.2	-1.04	+ 0.4	1.3/23.4	41748
2000 SP ₇₀	2004 07 22.9	20 10.56	-30 29.1	20.0	-1.03	- 2.9	4.0/21.0	9818
2002 AZ ₅	2004 07 23.0	20 10.52	-21 36.6	20.4	-0.96	- 2.6	0.6/22.7	48184
2001 SS ₁₅₃	2004 07 23.0	20 10.52	-23 09.4	20.2	-1.07	- 2.8	1.2/22.5	62362
2001 TQ ₁₉₄	2004 07 23.0	20 10.55	-27 27.3	19.1	-1.04	- 2.0	2.6/21.7	46768
2001 WM ₄₁	2004 07 23.0	20 10.57	-13 13.5	19.3	-0.93	- 3.5	2.4/24.3	48157
2000 GF ₁₀₄	2004 07 23.0	20 10.59	-37 49.6	17.9	-1.12	- 3.2	8.5/19.6	47881
2001 SY ₂₂₃	2004 07 23.0	20 10.60	-28 34.7	20.0	-1.13	- 3.3	3.6/21.5	46666
2001 QK ₇₈	2004 07 23.0	20 10.60	-26 39.0	18.5	-1.12	- 4.1	2.9/21.8	48051
2001 QR ₂₄₇	2004 07 23.0	20 10.63	-11 12.9	19.1	-1.00	- 5.2	3.8/24.8	23675
2001 SS ₃₁₃	2004 07 23.0	20 10.66	-14 33.8	20.2	-0.94	- 5.8	1.8/24.2	46694
2001 TP ₇₂	2004 07 23.0	20 10.67	-29 23.3	19.3	-1.09	- 4.3	3.9/21.2	50562
2002 CD ₁₆₁	2004 07 23.0	20 10.71	-28 16.3	19.0	-0.85	- 2.8	2.8/21.5	47182
2000 GX ₇₂	2004 07 23.0	20 10.84	-15 44.2	17.1	-0.87	- 3.5	2.2/23.9	41630
2002 YQ ₃	2004 07 23.0	20 10.84	-43 20.2	17.5	-1.85	+ 9.5	12.7/21.1	43482
1999 JD ₇	2004 07 23.0	20 10.84	-33 02.1	19.2	-0.99	- 6.2	4.7/20.2	47777
1996 TR ₃₉	2004 07 23.0	20 10.86	-53 20.7	18.6	-1.43	- 0.2	11.1/16.7	47705
2000 WN ₁₇₇	2004 07 23.0	20 10.87	-17 08.4	19.9	-0.79	- 6.8	0.9/23.8	47994
2000 QG ₂₀₀	2004 07 23.0	20 10.87	-20 37.0	18.7	-0.92	- 4.7	0.2/23.0	47928
1997 ET ₄	2004 07 23.0	20 10.88	-27 23.4	21.2	-0.86	- 2.0	2.1/21.7	47709
2003 EU ₄₂	2004 07 23.0	20 10.91	-09 25.9	20.0	-0.88	- 4.1	3.6/25.2	47370
2000 SN ₁₃₈	2004 07 23.0	20 10.92	-08 04.9	18.5	-0.79	- 0.7	6.1/25.0	10983
2001 XJ ₉₈	2004 07 23.0	20 11.00	-25 06.6	19.5	-1.06	- 3.9	2.0/22.1	30575
2000 SH ₁₄₇	2004 07 23.1	20 10.91	-40 05.9	20.1	-1.07	- 1.7	6.9/19.3	47953
2000 WF ₁₇₀	2004 07 23.1	20 10.95	-20 25.1	19.7	-0.81	- 1.3	0.1/23.0	47994
2000 WG ₃₁	2004 07 23.1	20 10.96	-19 21.5	19.7	-0.78	- 3.8	0.2/23.2	47988
2002 CK ₅₇	2004 07 23.1	20 10.99	-13 54.8	20.9	-0.85	- 3.2	1.8/24.3	38332
1999 RA ₁₈₃	2004 07 23.1	20 11.03	-48 02.9	17.8	-1.17	+ 0.9	8.5/18.5	62244
2001 TQ ₂₃₆	2004 07 23.1	20 11.06	-11 57.2	20.5	-0.97	- 4.1	3.2/24.7	50567
2001 XC ₁₅₄	2004 07 23.1	20 11.09	-20 46.9	19.5	-0.93	- 4.0	0.3/23.0	25479
2000 WF ₃₁	2004 07 23.1	20 11.12	+03 09.6	19.7	-0.74	- 1.3	6.2/27.5	31923
2001 US ₁₅₃	2004 07 23.1	20 11.15	-18 20.5	19.1	-1.03	- 4.1	0.7/23.5	30525
2000 QO ₁₁₃	2004 07 23.1	20 11.15	-18 50.8	19.0	-0.92	- 2.8	0.5/23.4	47921
2001 XZ ₃₅	2004 07 23.1	20 11.15	-27 10.7	18.8	-1.11	- 0.6	2.9/22.0	23951
2001 YF ₄₅	2004 07 23.1	20 11.16	-28 31.3	20.5	-0.98	- 3.9	2.9/21.5	47083
2003 AR ₆	2004 07 23.1	20 11.21	-22 05.5	19.0	-0.97	- 0.9	0.7/22.8	48309
2003 EV ₄	2004 07 23.1	20 11.28	-35 29.8	19.1	-1.10	- 0.1	5.9/20.8	48331

2001 TX ₅	2004 07 23.1	20 11.29	-28 52.6	19.8	-1.06	-	4.7	3.4/21.4	48113	2001 RX ₁₅₀	2004 07 23.4	20 12.38	-22 42.5	19.0	-1.04	-	6.3	1.1/22.9	48081
1988 DT ₁	2004 07 23.1	20 11.31	-16 01.9	19.5	-0.88	-	1.2	1.2/23.8	30241	2000 QS ₅₀	2004 07 23.4	20 12.40	-26 43.0	19.2	-1.02	-	1.6	2.7/22.3	47914
2001 UQ ₉₈	2004 07 23.1	20 11.37	-42 53.4	20.3	-1.17	-	5.3	11.1/17.6	23873	2001 SW ₁₀₇	2004 07 23.4	20 12.40	-24 33.4	18.2	-1.12	-	0.5	2.0/22.8	46638
2001 YZ ₁₀₇	2004 07 23.1	20 11.37	-20 04.5	19.3	-0.88	-	5.4	0.0/23.2	48181	2001 UF ₁₁	2004 07 23.4	20 12.41	-01 55.5	20.7	-1.00	-	1.1	7.5/26.2	30504
1999 CS	2004 07 23.1	20 11.40	-32 37.2	19.4	-1.23	+	0.4	4.9/21.4	47765	2001 SY ₂₉₄	2004 07 23.4	20 12.42	-12 24.6	19.6	-1.03	-	3.6	3.2/24.9	50559
2001 TG ₃₅	2004 07 23.2	20 11.31	-36 16.2	19.7	-1.10	-	2.4	6.0/20.2	46710	2001 OX ₉₅	2004 07 23.4	20 12.42	-25 06.8	19.3	-1.20	-	0.1	2.4/22.7	42954
2001 UB ₆₃	2004 07 23.2	20 11.39	-25 30.4	19.0	-1.10	-	3.4	2.8/22.2	30513	2001 TH ₁₃₁	2004 07 23.4	20 12.48	-26 40.6	19.4	-1.04	-	6.1	2.7/22.0	46753
2001 SR ₁₁₀	2004 07 23.2	20 11.43	-26 15.5	18.9	-1.01	-	2.1	2.0/22.1	30466	2003 GA ₁₇	2004 07 23.4	20 12.56	-17 23.0	19.0	-0.96	-	0.2	0.8/23.9	47518
2001 SO ₁₁₅	2004 07 23.2	20 11.46	-19 53.7	20.4	-1.28	-	0.4	0.1/23.2	23737	2001 KE ₃₂	2004 07 23.4	20 12.59	-43 58.7	17.9	-1.35	-21.0	11.6/14.8	42946	
2003 HA ₅₅	2004 07 23.2	20 11.52	-44 05.1	21.0	-1.08	-	1.6	7.8/18.7	62445	2001 UA ₆₈	2004 07 23.5	20 12.50	-23 08.5	19.7	-1.01	-	3.4	1.3/22.9	43446
2002 AD ₁₃₃	2004 07 23.2	20 11.54	-22 18.5	20.9	-0.91	-	3.6	0.8/22.8	48191	2001 TE ₄₂	2004 07 23.5	20 12.50	-19 38.1	15.7	-1.12	+	3.8	0.2/23.5	48117
1999 RG ₂₀₉	2004 07 23.2	20 11.58	-24 23.2	19.9	-0.92	-	0.5	1.5/22.6	47797	2000 YL ₇₄	2004 07 23.5	20 12.56	-21 01.6	20.3	-0.86	-	2.6	0.3/23.3	27761
1999 FW ₁₅	2004 07 23.2	20 11.58	-12 29.7	20.3	-0.88	-	5.6	2.6/25.0	47773	2000 XE ₄₃	2004 07 23.5	20 12.56	-45 53.7	18.5	-1.10	-	2.2	7.7/17.9	29622
2000 JL ₄₆	2004 07 23.2	20 11.59	-17 15.4	18.3	-0.90	-	2.5	1.4/23.8	47894	2001 UM ₃₃	2004 07 23.5	20 12.57	-22 28.9	19.2	-1.02	-	6.6	1.1/23.0	23854
1999 TF ₁₁	2004 07 23.2	20 11.63	+05 55.8	18.9	-0.77	-	0.7	8.9/27.7	47800	2000 RZ ₈₁	2004 07 23.5	20 12.65	-12 32.6	18.1	-1.05	+	1.3	3.0/24.4	8494
2000 UD ₆	2004 07 23.2	20 11.64	-23 37.7	19.6	-0.87	-	3.1	1.2/22.6	47975	2000 RB ₁₃	2004 07 23.5	20 12.66	+03 42.9	19.4	-0.83	-	3.8	9.7/28.5	47932
2001 UD ₇₀	2004 07 23.2	20 11.66	-14 27.2	19.0	-0.97	-	3.4	2.5/24.3	41751	2000 XG ₁₆	2004 07 23.5	20 12.72	-11 21.7	18.8	-0.82	+	0.5	2.4/24.9	30435
2000 SL ₂₄₅	2004 07 23.2	20 11.66	-19 14.4	20.3	-0.94	-	2.4	0.3/23.4	29394	2000 RY ₁₀₁	2004 07 23.5	20 12.74	-27 56.0	18.9	-1.10	+	1.6	3.1/22.5	27700
2001 TV ₆₀	2004 07 23.2	20 11.73	-07 58.4	19.2	-0.99	-	2.5	5.1/25.4	46721	2000 WH ₁₀₆	2004 07 23.5	20 12.81	-17 40.0	20.1	-0.75	-	4.3	0.6/24.1	47991
2001 XV ₄₃	2004 07 23.2	20 11.76	-11 07.3	17.7	-1.03	+	4.5	3.2/24.2	50577	1996 XV ₃₀	2004 07 23.5	20 12.83	-26 19.4	18.5	-0.96	-10.0	2.6/21.9	25689	
2001 VN ₂₀	2004 07 23.3	20 11.71	-17 48.6	19.5	-0.95	-	2.6	0.8/23.7	48148	2002 CF ₁₈₂	2004 07 23.5	20 12.86	-24 14.6	18.8	-0.88	-	2.2	1.6/22.8	48208
2000 QM ₁₅₉	2004 07 23.3	20 11.72	-17 59.1	17.8	-0.99	+	0.8	0.8/23.6	47924	2000 SF ₉₆	2004 07 23.5	20 12.90	+02 35.5	19.0	-0.88	-	1.0	9.0/27.3	13753
2001 VH ₁₁₇	2004 07 23.3	20 11.78	-20 35.6	20.7	-0.93	-	2.3	0.2/23.2	30550	2003 FL ₁₁₉	2004 07 23.5	20 12.92	-10 12.1	20.4	-0.89	-	4.2	3.3/25.6	47494
2000 HP ₉₄	2004 07 23.3	20 11.81	-32 02.8	18.8	-1.12	-	3.4	5.1/21.1	43365	1997 TP ₁₃	2004 07 23.5	20 12.93	-25 22.4	18.9	-1.11	-	2.5	2.3/22.6	47716
2002 CX ₁₂	2004 07 23.3	20 11.87	-20 55.3	21.0	-0.80	-	2.8	0.2/23.2	30637	2000 SY ₃₁	2004 07 23.5	20 12.93	-23 07.6	18.9	-0.94	-	1.8	1.3/23.0	46466
2000 SH ₆₂	2004 07 23.3	20 11.87	-21 26.3	19.8	-0.91	-	2.6	0.5/23.1	27704	2001 TR ₁₄	2004 07 23.6	20 12.89	-14 29.8	18.4	-1.00	-	1.6	2.1/24.5	57845
2001 WN ₄₅	2004 07 23.3	20 11.90	-21 25.3	19.8	-0.97	-	3.2	0.5/23.1	46945	2000 NR ₁₃	2004 07 23.6	20 12.90	-15 05.2	17.3	-0.86	-	1.8	2.3/24.5	46411
2003 HF ₁₁	2004 07 23.3	20 11.93	-09 49.5	21.5	-1.01	-	3.6	4.1/25.0	47547	2001 QG ₁₇₉	2004 07 23.6	20 12.92	-26 36.3	17.8	-1.17	-	0.1	3.1/22.6	25924
2003 HE ₁₃	2004 07 23.3	20 11.94	-22 15.0	19.5	-0.81	-	4.0	0.8/22.9	47549	1999 AF ₃₅	2004 07 23.6	20 12.92	-18 08.8	21.3	-1.03	-	5.1	0.7/24.0	47763
2001 YH ₆₁	2004 07 23.3	20 11.94	-29 47.2	19.2	-0.95	-	4.1	3.7/21.4	48177	2001 SS ₂₄₅	2004 07 23.6	20 12.94	-10 09.1	20.3	-0.94	-	3.9	3.8/25.5	48107
1998 UE ₁₈	2004 07 23.3	20 12.01	-19 46.0	19.2	-1.14	-	0.3	0.1/23.4	47753	1998 YW ₈	2004 07 23.6	20 12.96	-22 59.8	20.5	-1.06	-	4.9	1.2/23.0	50401
2001 XM ₃₆	2004 07 23.3	20 12.02	-38 23.5	19.6	-1.11	-	1.9	6.8/20.0	46971	2001 VE ₄₅	2004 07 23.6	20 12.96	-09 15.5	19.6	-0.91	-	0.6	3.5/25.3	30539
2002 BH ₁₀	2004 07 23.3	20 12.09	-18 17.1	18.9	-0.93	-	4.9	0.6/23.7	27819	2003 EW ₂₀	2004 07 23.6	20 12.96	-17 50.9	19.8	-0.89	-	3.5	0.7/24.0	50749
2000 AN ₂₀₃	2004 07 23.3	20 12.10	-25 36.9	17.5	-1.40	+	5.0	2.3/23.0	62266	2001 TZ ₁₁₃	2004 07 23.6	20 12.97	-21 06.7	18.8	-0.95	-	2.2	0.4/23.4	48122
2001 XZ ₁₁₇	2004 07 23.3	20 12.10	-27 56.5	19.7	-1.03	-	2.8	2.8/21.9	27788	2003 AA ₃₄	2004 07 23.6	20 12.98	-22 17.9	19.3	-1.32	+	4.5	0.9/23.4	43486
2000 VV ₄₃	2004 07 23.3	20 12.14	-35 26.0	19.9	-0.96	-	1.5	4.9/20.6	47985	2000 SQ	2004 07 23.6	20 12.99	-27 31.6	19.9	-0.95	-	1.9	2.7/22.3	62308
2000 RB ₆₁	2004 07 23.3	20 12.15	-24 44.4	19.6	-0.82	-	2.9	1.4/22.5	47935	2001 UJ ₁₁₈	2004 07 23.6	20 13.04	-26 14.6	19.8	-1.06	-	3.8	2.6/22.4	50570
2002 AS ₉₄	2004 07 23.3	20 12.17	-21 16.7	19.1	-0.82	-	2.6	0.4/23.2	48189	2000 WG ₁₈₇	2004 07 23.6	20 13.08	-18 32.4	19.2	-0.78	-	3.8	0.4/23.9	47995
1999 TO ₂₉₇	2004 07 23.4	20 12.11	-27 27.9	19.3	-0.89	-	1.5	2.7/22.1	33118	2000 UV ₃₉	2004 07 23.6	20 13.09	-19 14.2	20.1	-0.77	-	2.8	0.2/23.8	47977
2003 FY ₇₁	2004 07 23.4	20 12.11	-41 44.7	21.2	-1.09	-	2.7	7.0/19.2	48352	2003 GF ₇	2004 07 23.6	20 13.13	-15 39.3	20.7	-0.97	-	3.6	1.5/24.5	50759
2000 WS ₂₆	2004 07 23.4	20 12.18	-23 04.6	20.4	-0.84	-	2.9	0.9/22.8	33306	2003 EY ₄₁	2004 07 23.6	20 13.14	-31 18.8	19.4	-0.98	-	3.7	4.2/21.4	62443
2001 TS ₁₈₉	2004 07 23.4	20 12.19	-26 47.4	19.5	-1.02	-	1.9	2.4/22.3	46764	2000 WL ₁₃₃	2004 07 23.6	20 13.17	-15 08.3	19.9	-0.79	-	1.0	1.2/24.5	30430
2000 WG ₆₇	2004 07 23.4	20 12.22	+16 40.2	19.9	-0.77	+	0.1	9.3/30.2	9874	2001 SJ ₁₆₁	2004 07 23.6	20 13.22	-16 35.6	19.0	-0.99	-	3.1	1.3/24.3	50556
1999 XR ₁₄	2004 07 23.4	20 12.23	+18 08.7	18.8	-1.20	+	4.9	18.7/27.6	41584	2000 GC ₄₈	2004 07 23.6	20 13.23	-17 52.1	20.5	-1.05	-	3.7	0.9/24.0	47878
2002 AT ₁₁₉	2004 07 23.4	20 12.24	-22 46.7	20.3															

2002 CO ₁₄₉	2004 07 23.7	20 13.34	-24 35.0	20.6	-0.90	- 0.5	1.4/23.0	27528
2003 EV ₂₅	2004 07 23.7	20 13.34	-13 11.9	19.7	-0.91	- 3.1	2.6/25.0	47346
2000 WM ₈₄	2004 07 23.7	20 13.35	-26 57.0	19.7	-0.82	- 2.3	1.9/22.4	30427
2001 SL ₁₁₃	2004 07 23.7	20 13.37	-07 47.4	19.8	-1.00	- 2.9	5.1/25.9	23737
2002 CE ₉₃	2004 07 23.7	20 13.39	-20 17.7	19.3	-0.87	- 2.3	0.1/23.7	48202
2000 QW ₂₁₃	2004 07 23.7	20 13.39	-27 45.1	19.3	-0.95	- 2.3	3.8/22.2	47929
2002 AM ₁₈₇	2004 07 23.7	20 13.41	-33 17.8	20.4	-1.00	- 2.3	4.1/21.2	29759
1999 BB ₂₁	2004 07 23.7	20 13.43	-19 01.7	18.6	-1.11	- 1.0	0.4/23.9	47764
2000 SK ₆₃	2004 07 23.7	20 13.52	-28 22.2	18.8	-0.95	- 3.3	3.2/22.1	47945
1999 JN ₇₁	2004 07 23.7	20 13.53	+02 52.9	19.0	-0.80	- 3.6	9.4/29.0	47780
1997 XU ₁₃	2004 07 23.7	20 13.54	-20 36.5	20.3	-1.05	- 4.3	0.3/23.6	47720
2001 TF ₁₈₂	2004 07 23.7	20 13.58	-17 08.7	19.5	-1.01	- 1.3	1.0/24.2	48129
2000 SD ₅₆	2004 07 23.7	20 13.58	-11 00.8	19.3	-0.85	- 3.4	3.2/25.5	47944
2001 TY ₁₈₉	2004 07 23.7	20 13.63	-26 36.1	19.3	-1.08	- 2.1	2.7/22.6	23842
2000 VD ₃₂	2004 07 23.7	20 13.68	-17 22.7	19.6	-0.80	- 2.9	0.7/24.3	47985
2001 TG ₂₂₁	2004 07 23.7	20 13.74	-26 01.1	17.4	-1.01	+ 2.2	3.4/23.0	62373
2000 EG	2004 07 23.7	20 13.75	-22 11.1	17.8	-1.08	- 1.4	1.1/23.4	41609
2000 GT ₄₂	2004 07 23.7	20 13.76	-20 27.3	19.0	-1.03	- 2.5	0.3/23.7	19594
2000 SQ ₅₅	2004 07 23.7	20 13.77	-13 12.4	19.6	-0.87	- 3.0	2.4/25.0	47944
2003 GK ₁₆	2004 07 23.8	20 13.74	-27 13.2	19.7	-0.93	- 5.3	2.6/22.2	50185
2001 TU ₂₈	2004 07 23.8	20 13.75	-31 53.3	19.6	-1.17	- 1.5	5.1/21.8	46707
2001 XL ₁₃₆	2004 07 23.8	20 13.78	-34 41.3	19.3	-0.92	- 4.8	4.5/20.6	50579
2001 SC ₃₂₂	2004 07 23.8	20 13.81	-30 01.0	20.1	-1.23	+ 1.9	4.2/22.6	48112
2000 SN ₉₈	2004 07 23.8	20 13.81	-15 44.4	19.8	-0.90	- 2.3	1.6/24.6	47949
2000 OV ₅₂	2004 07 23.8	20 13.82	-44 35.1	18.8	-0.99	- 2.1	6.1/18.7	31911
2001 YB ₁₁₃	2004 07 23.8	20 13.90	-29 07.3	18.5	-1.00	- 9.8	3.2/21.5	50583
1998 HO ₁₁₃	2004 07 23.8	20 13.97	-16 01.1	20.3	-0.82	- 4.2	1.2/24.7	46340
2003 GS ₅₀	2004 07 23.8	20 13.97	-26 14.7	19.5	-0.91	- 4.3	2.3/22.6	50761
2001 YL ₄	2004 07 23.8	20 13.99	-27 22.6	20.2	-0.97	- 6.2	2.4/22.2	30592
2001 WH ₆₅	2004 07 23.8	20 14.01	-09 19.6	20.1	-0.95	- 3.1	4.0/25.9	48158
2003 BN ₁₂	2004 07 23.8	20 14.10	-22 59.3	19.4	-1.03	- 5.7	1.2/23.2	50738
2001 XC ₁₁₃	2004 07 23.8	20 14.15	-08 36.1	20.6	-0.87	- 1.8	3.7/25.9	47013
2001 UX ₁₅₆	2004 07 23.9	20 14.17	-08 29.9	18.6	-0.88	- 3.2	5.6/26.1	23890
2001 XV ₂₁	2004 07 23.9	20 14.20	-20 00.6	18.8	-1.05	+ 1.7	0.1/23.9	25444
2001 XT ₆₁	2004 07 23.9	20 14.21	-17 37.1	17.4	-0.92	- 5.2	1.1/24.4	43461
2001 RJ ₁₄₉	2004 07 23.9	20 14.23	-13 27.3	19.7	-1.02	- 1.9	2.4/25.0	46604
2001 QM ₁₅₄	2004 07 23.9	20 14.24	-24 58.0	17.7	-1.00	-10.4	2.6/22.6	48057
2000 ON ₅₃	2004 07 23.9	20 14.25	-08 32.3	17.1	-0.97	+ 3.2	5.2/25.3	43375
2001 WP ₃₉	2004 07 23.9	20 14.25	-22 34.1	18.9	-1.00	- 6.2	1.1/23.3	46943
2000 GV ₁₂₁	2004 07 23.9	20 14.28	-21 35.0	18.2	-0.89	- 7.6	0.8/23.5	1613
2001 XX ₄₀	2004 07 23.9	20 14.30	-46 50.6	16.7	-1.04	- 5.6	12.5/16.6	50577
2000 CX ₇₆	2004 07 23.9	20 14.33	-27 04.2	17.6	-1.12	- 1.2	3.5/22.8	62272
1981 EQ ₃₇	2004 07 23.9	20 14.38	-21 11.0	19.5	-0.95	- 1.9	0.5/23.7	47680
2001 XY ₅₀	2004 07 23.9	20 14.45	-13 10.8	21.0	-0.91	- 2.2	2.2/25.2	30567
2003 ER ₂₇	2004 07 23.9	20 14.51	-01 29.5	18.4	-0.72	- 7.5	6.6/29.0	48335
2000 SQ ₁₃₈	2004 07 24.0	20 14.51	+06 07.4	18.7	-0.69	- 1.9	13.3/29.3	13759
2001 TH ₄₅	2004 07 24.0	20 14.53	-23 37.5	19.9	-1.09	- 2.6	1.5/23.3	48117
2000 SQ ₁₄₂	2004 07 24.0	20 14.57	+13 28.0	19.5	-0.74	- 0.9	8.3/31.1	50491
2002 CA ₅₅	2004 07 24.0	20 14.59	-17 50.9	20.6	-0.81	- 2.3	0.6/24.4	48200
2003 HA ₁₀	2004 07 24.0	20 14.61	-10 20.4	19.2	-0.84	- 3.2	3.2/25.9	61717
1992 GM ₃	2004 07 24.0	20 14.63	-11 41.5	18.6	-0.97	- 3.0	3.3/25.6	57656

2001 TQ ₁₁₃	2004 07 24.0	20 14.65	-24 54.7	19.1	-1.00	- 2.2	1.7/23.1	46747
2002 AT ₁₅₄	2004 07 24.0	20 14.66	-11 08.7	19.7	-0.75	- 6.8	2.7/26.1	48192
2000 XL ₃₁	2004 07 24.0	20 14.68	-32 15.2	19.1	-0.90	- 1.6	3.7/21.7	47996
2002 AA ₆₂	2004 07 24.0	20 14.72	-12 47.5	19.1	-0.80	- 6.5	2.6/25.7	48187
2001 XN ₆₃	2004 07 24.0	20 14.73	-23 44.7	19.9	-0.89	- 4.3	1.3/23.2	48163
2003 CD ₈	2004 07 24.0	20 14.73	-31 21.5	20.0	-1.07	- 2.1	4.3/22.0	50744
2001 YO ₉₀	2004 07 24.0	20 14.74	-21 33.8	20.4	-0.85	- 3.5	0.6/23.7	47096
2000 JM ₃₀	2004 07 24.0	20 14.74	-27 38.7	18.1	-1.01	- 3.0	3.7/22.6	43366
2001 TG ₉₅	2004 07 24.0	20 14.76	-04 52.3	17.9	-0.88	- 1.8	8.0/26.8	30483
2003 FC ₁₁₁	2004 07 24.0	20 14.76	+00 01.3	20.7	-0.85	- 4.1	6.7/28.5	50758
2000 SG ₂₇₅	2004 07 24.0	20 14.77	+04 11.5	18.9	-0.78	- 3.0	10.2/29.1	46494
1994 PF ₃₃	2004 07 24.0	20 14.80	-15 19.7	17.4	-0.89	- 4.6	2.5/25.0	47692
2002 CY ₇₃	2004 07 24.0	20 14.80	-23 00.1	20.8	-0.87	- 2.7	1.0/23.5	31450
2001 XV ₆₂	2004 07 24.0	20 14.81	-19 34.3	17.8	-0.95	- 5.1	0.1/24.1	48163
2001 VA ₃₀	2004 07 24.0	20 14.84	-23 40.7	18.6	-0.98	- 3.4	1.5/23.3	48149
2000 SD ₃₆	2004 07 24.0	20 14.93	-27 50.8	19.5	-0.94	- 3.1	2.9/22.5	47942
2000 UR ₈₄	2004 07 24.1	20 14.91	-18 44.0	18.7	-0.83	- 3.5	0.4/24.3	13224
1996 TL ₅₃	2004 07 24.1	20 14.94	-28 08.9	19.5	-1.03	- 2.4	2.9/22.6	27586
2002 CK ₁₉₄	2004 07 24.1	20 14.96	-22 37.3	20.9	-0.87	- 2.6	0.9/23.6	29859
1999 RB ₁₆₂	2004 07 24.1	20 14.97	-00 57.1	20.6	-0.75	- 4.6	5.9/28.3	47794
2002 AZ ₁₃₈	2004 07 24.1	20 15.00	-25 27.7	19.6	-0.91	- 3.7	1.9/23.0	48191
2000 VZ ₄₃	2004 07 24.1	20 15.01	+10 35.7	19.3	-0.79	- 0.2	9.2/30.3	46514
1999 CC ₁₉	2004 07 24.1	20 15.01	-22 25.9	18.6	-0.99	- 7.8	0.9/23.5	47766
2001 US ₁₄₂	2004 07 24.1	20 15.04	-13 30.3	21.6	-0.90	- 3.2	2.0/25.3	46832
2003 FE ₈₈	2004 07 24.1	20 15.05	-25 41.5	20.1	-0.97	- 4.3	1.9/23.0	50757
2000 QJ ₆₀	2004 07 24.1	20 15.06	-41 16.4	18.2	-1.17	- 0.5	7.3/20.5	47915
1998 GC ₇	2004 07 24.1	20 15.08	-15 17.5	19.1	-0.81	- 7.9	1.5/25.3	47728
2000 VO ₈	2004 07 24.1	20 15.14	-23 35.8	19.5	-0.87	- 3.0	1.2/23.4	47983
1996 VA ₁	2004 07 24.1	20 15.15	-12 49.9	19.6	-0.89	- 2.3	2.7/25.4	47706
2000 OG ₅₆	2004 07 24.1	20 15.23	-34 47.1	17.8	-1.18	+ 6.8	7.9/22.9	4973
2001 QK ₂₆₃	2004 07 24.1	20 15.25	-29 03.6	18.9	-1.13	- 1.4	3.8/22.6	48066
2002 CF ₁₄₀	2004 07 24.1	20 15.25	-06 50.6	19.9	-0.64	- 3.1	3.0/27.0	30668
2000 NX ₂₆	2004 07 24.1	20 15.26	-17 19.1	17.9	-0.88	-11.6	1.1/24.9	30358
2000 SG ₃₆₇	2004 07 24.1	20 15.31	-10 48.3	17.8	-1.03	+ 3.2	3.7/25.2	62310
2002 BO ₃₀	2004 07 24.2	20 15.27	-39 26.3	21.1	-0.94	- 1.7	5.0/20.5	31965
2000 RM ₂₉	2004 07 24.2	20 15.27	-28 31.5	19.3	-1.09	+ 1.6	3.3/23.0	47933
2003 CY ₁₅	2004 07 24.2	20 15.31	-20 55.5	20.7	-1.01	- 3.8	0.4/24.0	48326
2001 XK ₁₄₇	2004 07 24.2	20 15.31	-05 09.9	21.3	-0.90	- 0.3	4.7/26.6	30580
2002 AS ₃₄	2004 07 24.2	20 15.35	-19 32.6	19.2	-0.95	- 2.3	0.1/24.3	27802
2000 UY ₂₇	2004 07 24.2	20 15.36	-21 35.7	19.4	-0.92	- 1.9	0.7/23.9	47976
2001 YX ₉₅	2004 07 24.2	20 15.38	-23 55.4	19.6	-0.94	- 2.4	1.3/23.5	48180
1999 RM ₁₂₁	2004 07 24.2	20 15.40	-32 53.2	20.1	-0.97	- 1.1	3.6/21.8	33820
2003 GY ₈	2004 07 24.2	20 15.40	-11 37.4	20.8	-0.90	- 3.7	2.7/25.8	50759
2000 QK ₂₂₈	2004 07 24.2	20 15.47	-21 57.3	19.4	-1.02	- 0.8	0.9/23.9	47930
2001 TU ₇₁	2004 07 24.2	20 15.51	-17 55.1	19.8	-0.99	- 3.3	0.7/24.6	46728
2001 RH ₁₃₅	2004 07 24.2	20 15.65	-26 29.6	18.4	-1.09	- 5.3	3.1/22.9	25952
2001 XU ₆₄	2004 07 24.2	20 15.66	-27 46.9	18.6	-0.98	- 6.4	3.0/22.5	48163
2003 CA ₁₃	2004 07 24.2	20 15.66	-30 08.1	19.4	-1.07	- 4.1	3.5/22.2	50745
2002 BS ₅	2004 07 24.2	20 15.69	-20 55.6	18.5	-1.10	+ 2.9	0.4/24.2	27819
2002 CW ₁₃₀	2004 07 24.2	20 15.69	-21 21.3	19.3	-0.89	- 0.4	0.5/24.0	27512
1997 SN ₃₃	2004 07 24.2	20 15.71	-17 01.0	18.4	-1.02	- 2.8	1.3/24.8	46332

2000 QZ ₁₉₀	2004 07 24.3	20 15.67	-14 51.0	19.3	-0.87	- 8.5	1.8/25.5	30374
2001 XZ ₂₁₈	2004 07 24.3	20 15.68	-27 24.5	21.0	-1.00	- 3.5	2.6/22.8	47056
2000 FP ₅₅	2004 07 24.3	20 15.70	-28 31.0	18.5	-0.99	- 6.6	4.3/22.3	47874
2000 JW ₄₁	2004 07 24.3	20 15.71	-23 48.6	19.2	-0.96	- 3.5	2.0/23.5	20788
2002 DD ₉	2004 07 24.3	20 15.72	-42 34.4	21.1	-1.00	- 1.2	6.0/20.0	48214
2001 UW ₁₅₃	2004 07 24.3	20 15.73	-08 33.4	18.2	-0.90	- 2.7	5.4/26.4	48143
2001 UD ₁₃₅	2004 07 24.3	20 15.73	-31 50.1	20.9	-1.18	- 4.9	5.5/21.8	30523
2002 AG ₁₈₇	2004 07 24.3	20 15.77	-29 25.2	19.6	-1.01	- 4.3	3.1/22.3	30628
2001 VF ₁₁₃	2004 07 24.3	20 15.79	-18 48.4	19.6	-1.01	- 2.0	0.4/24.5	30550
1999 CQ ₅₇	2004 07 24.3	20 15.80	-22 54.2	18.8	-1.04	- 2.9	1.1/23.8	47767
2001 SR ₂₅	2004 07 24.3	20 15.81	-31 56.5	19.4	-1.16	- 1.8	4.9/22.3	48085
1993 FQ ₄₁	2004 07 24.3	20 15.89	-23 04.4	20.5	-0.88	- 2.4	1.0/23.7	62210
2000 QD ₇₆	2004 07 24.3	20 15.90	-17 58.1	19.5	-0.89	- 2.5	0.6/24.7	47917
2003 AX ₇	2004 07 24.3	20 15.93	-23 03.0	19.4	-1.06	0.0	1.2/23.9	48309
2001 SC ₁₀₇	2004 07 24.3	20 15.98	-23 18.2	17.8	-1.14	- 0.8	1.6/23.8	50555
2001 XP ₂₄₀	2004 07 24.3	20 15.99	-25 22.9	20.2	-0.94	- 3.8	1.9/23.2	50581
2000 WT ₈₁	2004 07 24.3	20 16.03	-09 55.8	17.6	-0.84	- 0.5	3.4/26.0	47990
2001 RG ₁₄₀	2004 07 24.3	20 16.05	-31 53.4	20.3	-1.15	- 2.6	6.1/22.1	48080
2002 BH ₇	2004 07 24.3	20 16.06	-35 16.2	19.8	-0.96	- 1.2	4.8/21.6	48195
2000 UM ₄₀	2004 07 24.3	20 16.07	-19 04.7	20.0	-0.76	- 3.3	0.2/24.5	47977
2000 DT ₉₁	2004 07 24.3	20 16.09	-24 39.0	18.0	-1.05	- 0.6	2.5/23.6	23516
2001 XX ₄₈	2004 07 24.3	20 16.10	-13 14.7	19.0	-0.93	- 5.6	2.7/25.8	26069
2000 SK ₄₅	2004 07 24.3	20 16.11	-03 04.6	18.9	-0.99	+ 2.7	7.0/26.4	47943
2000 HY ₈₉	2004 07 24.3	20 16.12	-17 44.2	19.1	-0.93	- 3.5	1.0/25.0	22156
2001 VL ₈	2004 07 24.3	20 16.15	-19 31.6	20.5	-1.01	- 3.1	0.1/24.4	48147
2002 AH ₂₄	2004 07 24.3	20 16.16	-33 17.7	18.4	-1.06	- 5.6	5.4/21.3	30606
2003 EB ₅₃	2004 07 24.4	20 16.07	-13 41.4	19.3	-0.95	- 0.3	2.0/25.4	50752
1999 RO ₂₇	2004 07 24.4	20 16.09	-15 03.9	18.5	-0.79	- 3.9	1.7/25.4	47788
2001 TV ₇₉	2004 07 24.4	20 16.10	-22 14.1	19.3	-1.03	- 4.8	1.2/23.9	48120
2000 ST ₂₂₅	2004 07 24.4	20 16.12	-13 10.4	19.9	-0.87	- 5.1	2.4/25.8	47960
2001 VS ₉₇	2004 07 24.4	20 16.15	-17 44.6	18.8	-0.91	- 8.0	0.7/24.9	50574
2001 SG ₁₇₉	2004 07 24.4	20 16.20	-22 00.3	18.4	-0.99	- 7.0	1.1/23.9	25981
2001 SX ₂₀₆	2004 07 24.4	20 16.22	-23 22.2	19.0	-1.06	- 3.0	1.4/23.8	40649
2000 UR ₄₄	2004 07 24.4	20 16.27	-38 55.5	18.8	-0.96	- 3.6	6.0/20.3	47978
2003 FA ₅₅	2004 07 24.4	20 16.28	-51 34.2	21.8	-1.45	- 2.9	9.9/17.7	47430
2000 OW ₄₂	2004 07 24.4	20 16.28	-22 14.4	17.9	-1.09	+ 2.0	0.9/24.1	30360
1981 EA ₃₀	2004 07 24.4	20 16.29	-02 06.2	21.2	-0.75	- 4.9	5.0/28.7	46315
2002 CO ₈₂	2004 07 24.4	20 16.30	-19 21.3	21.2	-0.78	- 3.0	0.1/24.5	48202
2001 YN ₈₈	2004 07 24.4	20 16.37	-19 31.9	19.6	-0.96	- 2.6	0.1/24.5	49948
2003 GW ₄₂	2004 07 24.4	20 16.40	-39 50.8	18.2	-0.92	- 6.0	7.3/19.6	50760
2000 SS ₁₈	2004 07 24.4	20 16.43	-14 07.7	20.1	-0.93	- 0.4	2.0/25.4	25165
2003 FQ ₁₀₀	2004 07 24.4	20 16.50	-23 48.6	20.5	-0.92	- 4.2	1.4/23.7	47473
2000 WC ₁₁	2004 07 24.4	20 16.51	-11 02.7	20.0	-0.82	- 1.2	2.7/26.0	27149
2001 SN ₂₈₂	2004 07 24.4	20 16.52	-27 14.4	18.6	-0.97	- 4.4	4.2/22.9	23778
1997 WL ₁₈	2004 07 24.4	20 16.55	-16 06.9	18.8	-0.98	- 0.8	1.7/25.0	25696
1999 RL ₃₀	2004 07 24.4	20 16.57	-45 53.5	19.7	-1.91	+ 5.6	12.5/22.2	47788
2000 WN ₁₄₆	2004 07 24.5	20 16.46	-02 34.8	20.2	-0.73	- 4.2	4.4/28.2	33887
2002 AE ₁₉₁	2004 07 24.5	20 16.46	+00 18.4	20.8	-0.74	- 1.5	5.3/28.4	48194
2002 CV ₁₂₀	2004 07 24.5	20 16.48	-17 32.8	19.8	-0.86	- 2.9	0.7/24.9	62387
2003 CJ ₈	2004 07 24.5	20 16.48	-13 10.5	20.0	-0.84	- 5.3	2.1/26.0	50744
2001 TB ₉₆	2004 07 24.5	20 16.51	-10 28.0	17.6	-0.91	- 1.3	4.9/26.1	30483

2000 QD ₃₅	2004 07 24.5	20 16.51	-13 46.7	20.4	-0.77	- 2.2	1.6/25.6	29235
2000 RH ₁₈	2004 07 24.5	20 16.53	-28 04.1	18.7	-1.10	+ 0.7	3.0/23.3	27692
2002 CW ₂₄₂	2004 07 24.5	20 16.54	+00 25.7	20.4	-0.70	- 4.6	5.4/29.3	50594
2000 JX ₂₉	2004 07 24.5	20 16.60	-27 55.0	19.2	-1.14	- 2.4	3.2/23.1	43366
2001 SK ₂₆	2004 07 24.5	20 16.60	-18 11.4	19.5	-1.00	- 4.1	0.7/24.8	20192
2001 SQ ₁₉₃	2004 07 24.5	20 16.62	-28 29.2	19.4	-1.14	- 1.1	4.2/23.1	50557
2002 DH ₇	2004 07 24.5	20 16.62	-45 05.0	18.5	-1.22	- 3.2	9.8/18.7	30697
2001 WS ₄₁	2004 07 24.5	20 16.63	-05 08.8	17.8	-1.01	+ 1.9	5.3/26.4	27782
2001 YN ₇₇	2004 07 24.5	20 16.68	-27 23.3	19.2	-0.87	- 5.6	2.6/22.8	48178
1988 RO ₃	2004 07 24.5	20 16.78	-41 19.2	18.2	-1.27	0.0	8.3/20.8	47681
2000 GY ₂₈	2004 07 24.5	20 16.78	-19 51.8	18.5	-1.00	- 3.0	0.1/24.5	47877
2003 FO ₄₉	2004 07 24.5	20 16.85	-07 52.6	18.4	-0.76	- 5.7	4.3/27.4	62443
2003 EG ₃₉	2004 07 24.5	20 16.88	-43 12.6	19.3	-1.11	- 4.7	8.8/19.2	47364
2003 FP ₈₀	2004 07 24.6	20 16.86	-08 44.7	19.5	-0.80	- 7.6	3.9/27.4	47451
2001 UO ₂₄	2004 07 24.6	20 16.89	-29 46.7	19.1	-1.15	+ 0.1	4.2/23.1	48134
2002 EE ₂₈	2004 07 24.6	20 16.89	-01 09.9	22.0	-0.71	- 3.7	4.5/28.7	30705
2000 WY ₁₂₈	2004 07 24.6	20 16.90	-28 21.5	20.5	-0.84	- 2.5	2.4/22.9	47991
2001 WB	2004 07 24.6	20 16.91	-21 05.0	19.4	-1.03	- 2.7	0.5/24.4	48155
2000 SY ₃₀₃	2004 07 24.6	20 16.91	-19 47.3	19.0	-0.99	+ 0.2	0.0/24.6	30404
1998 VP ₃₂	2004 07 24.6	20 16.93	-27 30.7	19.1	-1.10	-11.0	2.7/22.6	50398
2002 FA ₇	2004 07 24.6	20 16.97	-53 47.9	21.6	-1.20	- 1.0	8.2/17.4	48224
2001 XP ₁₇₄	2004 07 24.6	20 16.98	-16 02.7	19.1	-1.00	- 2.4	1.6/25.0	48169
2002 AE ₁₀₆	2004 07 24.6	20 17.00	-22 26.8	19.4	-0.96	- 5.1	1.0/24.1	30615
2001 XY ₁₀₇	2004 07 24.6	20 17.01	-11 18.9	19.1	-0.94	- 0.1	2.9/26.0	47011
1999 TM ₂₅₆	2004 07 24.6	20 17.08	-19 22.3	18.6	-0.82	- 2.7	0.1/24.7	47812
2000 TA ₅₇	2004 07 24.6	20 17.12	-45 36.5	18.1	-1.09	- 4.9	11.0/18.0	50497
2003 GS ₂₈	2004 07 24.6	20 17.17	-40 48.3	21.6	-1.16	- 1.8	7.0/20.9	47524
2000 FS ₄₃	2004 07 24.6	20 17.24	-22 07.0	19.0	-1.05	- 5.7	1.0/24.2	40079
2000 SD ₂₈₂	2004 07 24.6	20 17.25	-18 45.2	19.6	-0.94	- 1.4	0.4/24.8	30403
1998 MA ₆	2004 07 24.6	20 17.27	-04 34.5	19.9	-0.81	- 1.0	4.7/27.4	33769
2001 UF ₅₈	2004 07 24.6	20 17.29	-09 10.1	19.3	-0.96	- 2.8	4.1/26.7	48137
1999 RH ₁₀₇	2004 07 24.6	20 17.31	-16 30.1	19.0	-0.77	- 5.0	1.2/25.4	47791
2002 AU ₄₉	2004 07 24.7	20 17.32	-20 07.5	19.2	-0.91	- 4.0	0.2/24.6	30609
2002 AB ₁₈₂	2004 07 24.7	20 17.37	-28 59.3	20.0	-0.86	- 3.2	2.8/22.8	48194
2001 VE ₄	2004 07 24.7	20 17.37	-34 09.4	19.6	-1.03	- 5.9	5.0/21.4	46860
2002 BU ₂₉	2004 07 24.7	20 17.38	-34 46.3	19.9	-0.88	- 3.5	4.3/21.6	50589
1999 SV ₃	2004 07 24.7	20 17.39	-56 50.0	18.3	-1.84	+ 7.5	16.2/19.6	29104
2003 BH ₄₄	2004 07 24.7	20 17.41	-24 14.7	19.5	-1.13	- 0.5	1.9/24.0	50740
2002 AR ₄₄	2004 07 24.7	20 17.42	-16 23.9	21.2	-0.84	- 3.1	1.0/25.4	30608
2001 ST ₁₈	2004 07 24.7	20 17.44	-17 30.7	19.1	-1.01	- 4.1	0.8/25.2	50552
2003 CJ ₁₃	2004 07 24.7	20 17.48	-20 09.2	20.9	-1.02	- 3.0	0.2/24.7	62442
2000 SW ₁₆	2004 07 24.7	20 17.49	-15 07.1	18.9	-0.92	- 0.3	2.0/25.5	31914
2001 TD ₁₈₇	2004 07 24.7	20 17.49	-39 13.4	19.6	-1.09	- 2.8	6.6/20.9	48129
2002 AC ₁₆₂	2004 07 24.7	20 17.52	-18 26.6	19.0	-0.78	- 2.7	0.4/25.0	62386
2001 YN ₈₃	2004 07 24.7	20 17.54	-18 41.4	20.7	-1.00	- 2.3	0.4/24.9	48179
2000 QE ₁₅₈	2004 07 24.7	20 17.55	+06 13.7	19.9	-0.81	- 5.5	10.2/31.1	47924
1998 WL ₃₉	2004 07 24.7	20 17.56	-09 26.9	20.0	-1.00	- 3.0	4.4/26.7	47758
2001 QT ₂₄₆	2004 07 24.7	20 17.57	-13 41.1	19.2	-1.03	- 3.6	2.6/25.9	48065
2002 AW ₁₃₉	2004 07 24.7	20 17.63	-32 50.5	20.4	-1.08	- 8.4	5.0/21.5	26135
2001 SM ₂₃₉	2004 07 24.7	20 17.63	-19 48.3	18.5	-0.91	- 7.4	11.7/05.0	48106
1998 FO ₃	2004 07 24.7	20 17.64	-16 14.0	19.4	-0.88	- 4.2	1.2/25.5	47725

2000 SZ ₁₉₂	2004 07 24.7	20 17.65	-25 32.1	20.0	-0.95	- 2.3	2.2/23.7	47957
2003 BP ₆₁	2004 07 24.7	20 17.68	-10 50.4	19.6	-0.88	- 6.1	3.3/26.8	50741
2003 FE ₁₂₀	2004 07 24.7	20 17.69	-14 26.1	20.2	-0.88	- 4.3	1.8/25.9	47495
2000 WQ ₁	2004 07 24.7	20 17.72	-40 02.5	19.4	-1.08	- 6.4	7.5/19.6	47986
2000 YA ₁₂₂	2004 07 24.8	20 17.66	-04 40.0	20.3	-0.74	- 4.1	4.0/28.0	11021
2001 XC ₂₄	2004 07 24.8	20 17.67	-34 14.9	20.5	-0.95	- 4.2	4.3/21.7	48160
2001 WF ₅₁	2004 07 24.8	20 17.69	-16 03.7	20.6	-0.93	- 2.8	1.2/25.5	46948
1999 RA ₁₆₃	2004 07 24.8	20 17.74	+01 44.8	20.0	-0.73	- 4.1	6.1/29.6	50419
2001 UH ₄₉	2004 07 24.8	20 17.77	-26 33.5	19.5	-1.01	- 5.8	2.6/23.3	46797
2001 XL ₁₅	2004 07 24.8	20 17.79	-24 59.2	20.9	-1.04	- 3.5	2.0/23.8	30562
2001 QG ₁₃₇	2004 07 24.8	20 17.81	-17 41.9	17.0	-0.99	+ 2.4	1.1/25.1	62342
2002 BK ₃₀	2004 07 24.8	20 17.81	-40 33.0	20.0	-0.94	- 3.3	5.5/20.4	47167
2003 FQ ₁₁₅	2004 07 24.8	20 17.86	+03 59.0	19.0	-0.82	- 4.8	9.4/30.6	50758
2001 SF ₂₇₉	2004 07 24.8	20 17.88	-38 55.8	19.5	-1.09	- 1.8	5.8/21.3	48109
1999 JT ₈₆	2004 07 24.8	20 17.90	-39 37.8	18.4	-1.06	- 5.0	7.5/20.4	62241
2000 QL ₉₅	2004 07 24.8	20 17.92	-24 57.3	19.9	-0.97	- 1.2	1.7/23.9	27681
1994 SR ₇	2004 07 24.8	20 17.93	-04 43.1	20.4	-0.75	- 4.3	4.6/28.3	50371
2002 XL ₂₉	2004 07 24.8	20 17.94	-41 45.1	20.3	-1.27	- 7.5	7.8/19.8	41885
2001 VC ₂₈	2004 07 24.8	20 17.96	-12 56.9	19.1	-0.98	- 2.0	2.7/26.0	46873
2002 CB ₁₃	2004 07 24.8	20 17.97	-13 54.8	19.1	-0.76	- 7.4	1.6/26.3	30637
2000 ND ₈	2004 07 24.8	20 18.07	-13 11.4	19.7	-0.91	- 4.5	2.5/26.2	47901
2000 HJ ₄₅	2004 07 24.8	20 18.08	-27 05.1	20.2	-1.11	- 4.2	3.0/23.4	43364
2002 AY ₁₁₁	2004 07 24.8	20 18.11	-22 35.3	20.2	-0.82	- 1.5	0.9/24.4	27398
2000 OS ₃₈	2004 07 24.9	20 18.06	+00 38.0	18.2	-0.91	- 0.6	7.5/28.3	47905
2000 UO ₈₆	2004 07 24.9	20 18.07	-05 32.3	19.6	-0.78	- 3.0	4.6/27.8	47981
1999 RV ₁₁₈	2004 07 24.9	20 18.08	-15 44.0	18.6	-0.89	0.0	1.3/25.5	47792
2001 RR ₂₁	2004 07 24.9	20 18.12	-24 38.3	19.3	-1.19	- 1.5	2.3/24.1	48070
2001 XV ₂₁₉	2004 07 24.9	20 18.13	-07 04.0	18.9	-0.95	- 0.1	4.8/27.0	47058
2001 QN ₉₆	2004 07 24.9	20 18.22	-23 05.1	17.5	-1.04	- 0.3	1.9/24.4	42970
1999 CQ ₁₁	2004 07 24.9	20 18.22	-29 52.0	18.9	-1.42	+ 4.2	4.0/23.9	23472
2001 AM ₅	2004 07 24.9	20 18.23	-14 37.8	18.8	-0.89	+ 1.0	1.6/25.7	10673
1999 RH ₂₀₉	2004 07 24.9	20 18.25	+07 47.5	19.3	-0.75	- 1.9	9.1/30.6	40372
2001 VZ ₈₄	2004 07 24.9	20 18.26	-23 36.3	18.6	-1.07	+ 0.6	1.8/24.4	43455
2001 RQ ₆	2004 07 24.9	20 18.27	-05 24.1	19.2	-0.98	- 4.8	5.8/27.8	50549
2001 ST ₂₆₀	2004 07 24.9	20 18.28	-23 19.2	20.2	-1.09	- 2.2	1.5/24.3	46678
1999 HW ₇	2004 07 24.9	20 18.35	-02 38.8	20.5	-0.87	- 3.0	5.6/28.4	47777
2003 HJ ₅₅	2004 07 24.9	20 18.36	-12 06.9	20.6	-0.78	- 4.7	2.5/26.6	50202
2001 RO ₉₄	2004 07 24.9	20 18.36	-14 28.6	20.0	-1.05	- 3.0	2.3/25.9	46599
1998 SX ₈₁	2004 07 24.9	20 18.38	-16 27.5	19.8	-1.09	- 3.5	1.4/25.6	47747
2001 WH ₆	2004 07 24.9	20 18.38	-05 22.2	19.9	-0.91	- 2.2	5.4/27.7	48155
1998 YN ₁₉	2004 07 24.9	20 18.42	-21 23.1	20.6	-1.10	- 3.8	0.7/24.6	25723
1999 CS ₅₃	2004 07 24.9	20 18.43	-24 02.2	19.4	-1.04	- 3.8	1.6/24.1	50403
2000 SX ₃₄₉	2004 07 24.9	20 18.44	-10 02.6	18.0	-0.80	-11.0	4.4/27.6	20827
1997 RG ₁₃	2004 07 24.9	20 18.45	-16 07.6	18.4	-0.94	- 3.5	1.8/25.7	47714
2001 OE ₇₀	2004 07 24.9	20 18.46	-26 29.9	18.2	-1.22	- 0.3	3.3/23.9	48040
2000 SH ₃₀₀	2004 07 24.9	20 18.48	-19 06.7	19.1	-0.92	- 1.4	9.3/05.0	47966
2002 CF ₄₈	2004 07 24.9	20 18.51	-15 26.6	18.2	-0.96	+ 2.9	1.4/25.5	30645
2003 BB ₁₄	2004 07 24.9	20 18.52	-16 08.8	18.5	-1.07	- 1.9	1.5/25.6	62441
2000 SJ ₃₃₉	2004 07 25.0	20 18.46	-18 48.1	17.8	-0.90	- 9.2	0.3/25.2	9838
2001 TW ₁₀₅	2004 07 25.0	20 18.47	-30 32.6	18.8	-1.14	- 4.3	4.8/22.7	46743
2001 SY ₂₇₈	2004 07 25.0	20 18.48	-31 52.0	18.8	-1.16	- 2.2	5.6/22.7	46687

2002 EO ₇₅	2004 07 25.0	20 18.51	-11 10.1	17.9	-0.87	+ 0.4	3.1/26.3	48220
1999 TK ₂₁₀	2004 07 25.0	20 18.54	+12 38.7	18.7	-0.96	+ 7.0	13.0/26.7	2669
2001 YQ ₂₆	2004 07 25.0	20 18.55	-22 44.6	19.5	-0.98	- 2.7	1.2/24.4	50582
2000 FE ₃₉	2004 07 25.0	20 18.55	-29 08.2	19.4	-1.15	- 4.0	3.9/23.2	50468
1994 RC ₂₅	2004 07 25.0	20 18.55	-29 27.4	19.9	-0.98	+ 1.1	3.2/23.6	46322
2001 VK ₅₃	2004 07 25.0	20 18.57	-19 20.3	17.5	-1.07	- 0.2	0.1/25.1	30540
2000 RG ₂₅	2004 07 25.0	20 18.58	-19 12.3	18.5	-1.02	+ 1.5	0.2/25.1	30379
1999 BL ₂₇	2004 07 25.0	20 18.58	-20 15.4	21.0	-1.01	- 3.1	0.2/24.9	50402
2002 AN ₁₇₅	2004 07 25.0	20 18.59	-23 26.8	20.9	-0.90	+ 0.4	1.0/24.4	30626
2001 SX ₂₇₁	2004 07 25.0	20 18.59	-24 10.9	20.2	-1.07	- 3.2	1.7/24.2	46683
2000 WK ₄₂	2004 07 25.0	20 18.61	-28 34.4	19.9	-0.81	- 3.4	2.4/23.2	47988
2000 SL ₃₄₆	2004 07 25.0	20 18.63	-16 03.7	19.3	-0.87	- 3.1	1.3/25.7	47968
2001 SK ₂₄₇	2004 07 25.0	20 18.66	-10 34.3	20.5	-1.03	- 5.4	4.1/26.9	48107
2002 FZ ₃₀	2004 07 25.0	20 18.69	-17 41.4	20.3	-0.75	- 5.7	0.5/25.5	50601
2000 QS ₂₂₄	2004 07 25.0	20 18.70	-03 23.9	18.4	-0.95	+ 3.6	7.7/26.9	13717
2001 TB ₁₆₇	2004 07 25.0	20 18.73	-03 59.4	18.9	-1.01	+ 1.1	6.4/27.3	48128
2001 VH ₄₆	2004 07 25.0	20 18.75	-34 04.6	20.2	-1.05	- 6.0	4.7/21.7	30539
2001 YD ₁₂₅	2004 07 25.0	20 18.77	-26 15.1	18.7	-0.99	- 1.7	2.5/23.9	48182
2001 UM ₁₄₅	2004 07 25.0	20 18.80	-24 15.3	20.0	-1.02	- 4.9	1.9/24.1	46834
2001 UY ₂₃	2004 07 25.0	20 18.81	-26 10.0	19.9	-1.04	- 1.1	2.1/24.0	31957
1999 JT ₁₆	2004 07 25.0	20 18.83	-26 42.0	20.9	-0.96	- 3.5	2.3/23.7	50408
2001 TB ₂₄₁	2004 07 25.0	20 18.86	-20 19.6	19.4	-1.05	- 0.9	0.3/25.0	48132
2001 WP ₁₀	2004 07 25.0	20 18.87	-18 15.1	21.1	-0.92	- 3.4	0.5/25.4	35124
2001 XY ₂	2004 07 25.0	20 18.88	+09 53.5	18.4	-1.16	+ 5.1	11.9/27.3	30560
2000 QN ₂₉	2004 07 25.0	20 18.89	-37 02.6	19.2	-1.16	- 0.2	6.9/22.0	13683
2001 YK ₁₀₆	2004 07 25.1	20 18.84	-15 32.4	17.3	-0.78	- 8.1	2.2/26.1	48181
2001 UL ₅₀	2004 07 25.1	20 18.85	-13 02.5	18.3	-0.91	- 7.5	3.0/26.7	48136
1999 JO ₇₄	2004 07 25.1	20 18.87	-07 13.8	19.7	-0.86	- 4.1	4.3/27.7	50409
2000 OV ₅	2004 07 25.1	20 18.90	-24 30.4	17.3	-1.16	+ 2.6	2.1/24.5	47903
2001 HP ₁₆	2004 07 25.1	20 18.92	-40 05.8	18.6	-1.40	-16.1	9.3/18.8	40134
2001 UD ₁₃₉	2004 07 25.1	20 18.92	-35 13.6	17.5	-1.14	+ 0.9	7.7/22.9	62377
2002 CO ₆₂	2004 07 25.1	20 18.94	-35 14.7	19.6	-0.94	- 3.6	5.1/21.7	48201
2001 XZ ₁₈₉	2004 07 25.1	20 18.95	-10 49.7	20.0	-0.98	+ 0.1	3.2/26.5	27335
2000 GW ₃₄	2004 07 25.1	20 18.97	-15 04.9	19.0	-0.98	- 4.0	2.1/26.0	47877
2003 BM ₅₂	2004 07 25.1	20 18.97	-21 09.5	20.0	-1.05	- 6.0	0.7/24.8	62441
2000 RM ₃₃	2004 07 25.1	20 18.99	-46 30.9	16.8	-1.31	+ 5.0	12.1/22.2	47934
2002 CD ₁₄₄	2004 07 25.1	20 19.05	-07 09.4	20.4	-0.90	- 5.4	4.1/27.8	30669
2003 HA ₃₇	2004 07 25.1	20 19.14	-01 25.4	20.8	-0.80	- 1.7	5.3/28.8	50763
2001 WU ₇	2004 07 25.1	20 19.16	-21 33.5	20.7	-0.98	- 5.7	0.8/24.7	46925
1999 CT ₁₄₉	2004 07 25.1	20 19.19	-18 19.0	19.3	-0.99	- 3.7	0.5/25.4	47770
2000 EV ₇₆	2004 07 25.1	20 19.19	-31 25.3	18.7	-1.16	- 3.5	5.3/23.0	20757
2003 GU ₃₄	2004 07 25.1	20 19.27	-36 01.2	19.3	-0.94	- 4.2	5.9/21.5	50760
2001 UM ₃₄	2004 07 25.1	20 19.27	-14 50.9	18.9	-0.96	- 6.7	2.2/26.3	26023
2001 OX ₁₀₆	2004 07 25.1	20 19.29	-16 07.9	16.2	-0.85	+ 1.2	2.1/25.7	23631
1997 WF ₁₅	2004 07 25.1	20 19.32	-27 51.5	19.3	-1.00	- 4.4	3.2/23.5	43330
2003 HD ₃₁	2004 07 25.2	20 19.22	-35 15.8	20.7	-0.91	- 2.8	4.7/22.0	50763
2002 AK ₅	2004 07 25.2	20 19.23	-24 40.8	19.6	-1.00	- 5.0	1.8/24.1	27798
2003 ES ₂₈	2004 07 25.2	20 19.28	-41 59.3	19.5	-1.04	- 1.5	6.7/21.0	50750
2002 AD ₇₇	2004 07 25.2	20 19.30	-23 42.4	20.8	-1.00	- 2.8	1.5/24.4	48188
2000 WB	2004 07 25.2	20 19.33	-21 44.2	19.8	-0.82	- 3.2	0.6/24.8	47986
2000 WY ₁₇₃	2004 07 25.2	20 19.34	-06 46.7	20.1	-0.78	- 3.9	3.8/27.9	47994

2001 XG ₂₁	2004 07 25.2	20 19.34	-28 29.7	19.0	-1.05	- 2.0	3.6/23.6	48160
2000 RL ₉₉	2004 07 25.2	20 19.35	-16 14.2	18.7	-1.09	+ 1.5	1.4/25.7	13736
2000 QQ ₃₂	2004 07 25.2	20 19.37	-16 41.0	18.0	-0.88	-10.2	1.2/26.0	27676
2001 XN ₁₈₉	2004 07 25.2	20 19.43	-20 12.8	20.0	-0.84	- 4.2	0.2/25.1	48170
2001 WT ₁₁	2004 07 25.2	20 19.43	-34 17.5	20.6	-1.01	- 5.2	4.9/22.0	48156
2000 QG ₁₀₄	2004 07 25.2	20 19.46	-21 24.0	18.6	-0.89	- 5.5	0.7/24.8	47920
2003 EZ ₄₆	2004 07 25.2	20 19.47	+03 11.5	19.4	-0.86	- 2.2	8.2/30.0	50752
1998 FA ₁₂₂	2004 07 25.2	20 19.50	-05 25.4	20.2	-0.80	- 5.4	4.6/28.7	50384
2000 WL ₁₈₂	2004 07 25.2	20 19.50	-24 36.2	20.2	-0.78	- 5.8	1.2/24.1	29599
2002 AQ ₁₉₇	2004 07 25.2	20 19.52	-36 19.1	19.0	-1.05	- 6.7	6.1/21.1	31964
2000 GG ₁₃₂	2004 07 25.2	20 19.53	-22 38.4	18.1	-1.00	- 7.7	1.4/24.5	30354
2000 FB ₂₉	2004 07 25.2	20 19.54	-18 13.1	19.9	-1.08	- 3.1	0.5/25.5	50468
2001 TT ₁₇₈	2004 07 25.2	20 19.54	-31 19.7	20.5	-1.16	- 1.8	4.7/23.2	46762
2000 RU ₁₉	2004 07 25.2	20 19.55	+01 44.5	19.9	-0.85	- 3.6	7.9/29.6	46454
2003 EB ₁₁	2004 07 25.2	20 19.56	-22 52.2	18.4	-0.89	- 1.1	1.2/24.7	50748
2001 XR ₁₉₈	2004 07 25.2	20 19.57	-19 50.3	20.3	-0.88	- 3.5	0.1/25.2	48171
2001 VK ₈₄	2004 07 25.2	20 19.60	-32 28.6	20.1	-1.06	- 4.4	5.0/22.6	46905
4033 P-L	2004 07 25.2	20 19.63	-20 18.1	18.4	-1.06	- 2.8	0.3/25.2	48386
2000 HE ₆₂	2004 07 25.2	20 19.65	-09 39.5	20.4	-1.03	- 3.3	3.9/27.1	50474
2001 XA ₁₁₅	2004 07 25.2	20 19.66	-25 41.6	17.5	-1.04	- 1.3	2.9/24.2	48167
2000 SO ₁₉₇	2004 07 25.2	20 19.67	-08 23.3	19.8	-0.82	- 5.3	4.1/27.9	47957
2001 QB ₂₉₅	2004 07 25.2	20 19.71	-35 14.6	19.6	-1.27	- 1.1	5.9/22.6	25936
2001 RF ₇₆	2004 07 25.3	20 19.63	-31 54.6	18.4	-1.16	- 5.8	5.8/22.5	25944
2000 HT	2004 07 25.3	20 19.63	-31 52.8	19.6	-1.14	- 4.8	5.5/22.7	20776
1999 RS ₇₁	2004 07 25.3	20 19.68	-39 46.5	19.6	-1.11	+ 0.1	6.8/21.6	47789
2001 QY ₂₆₀	2004 07 25.3	20 19.72	-18 21.4	18.9	-1.13	- 0.1	0.5/25.5	25933
2001 XT ₁₀₅	2004 07 25.3	20 19.79	-20 38.2	19.8	-0.99	- 2.0	0.4/25.1	30576
2000 PG ₁₇	2004 07 25.3	20 19.79	-17 10.8	19.5	-0.92	- 6.1	0.9/25.9	47908
2001 XS ₂₆	2004 07 25.3	20 19.79	-24 43.1	20.1	-1.00	- 2.8	1.7/24.4	30564
1999 RB ₆₃	2004 07 25.3	20 19.81	-28 13.9	18.3	-0.98	+ 0.8	2.8/24.0	33818
2002 BQ ₂₂	2004 07 25.3	20 19.83	-33 48.4	18.4	-1.07	- 1.0	4.7/22.8	30633
2001 YV ₄₅	2004 07 25.3	20 19.84	-17 23.8	20.1	-0.91	- 1.8	0.8/25.7	47084
2001 RW ₁₃₄	2004 07 25.3	20 19.85	-19 54.9	18.8	-1.03	- 6.5	0.2/25.3	46603
1997 EO ₂₆	2004 07 25.3	20 19.85	-26 37.0	19.8	-0.87	- 1.5	2.5/24.0	47710
2000 JY ₄₅	2004 07 25.3	20 19.86	-30 35.8	18.7	-1.09	- 5.7	4.9/22.9	47894
2001 SL ₁₆₁	2004 07 25.3	20 19.86	-13 01.8	20.8	-0.99	- 3.0	2.4/26.6	46657
2003 AR ₁₄	2004 07 25.3	20 19.96	-08 25.1	21.2	-1.00	- 2.4	4.1/27.4	48309
2001 VD ₆₁	2004 07 25.3	20 20.03	-38 32.9	20.4	-1.08	- 2.5	6.1/21.7	46892
2001 YO ₅₃	2004 07 25.3	20 20.03	-29 33.6	19.6	-0.95	- 4.9	3.7/23.2	47086
2002 AG ₁₆₁	2004 07 25.3	20 20.05	-16 46.8	20.5	-0.75	- 4.2	0.7/26.0	47153
2001 SJ ₃₄₇	2004 07 25.3	20 20.06	-25 58.3	19.8	-1.13	- 0.7	2.6/24.4	50560
2000 RS ₁₂	2004 07 25.3	20 20.07	-23 58.2	18.4	-1.09	+ 2.7	1.8/24.9	50485
2001 SF ₈₁	2004 07 25.3	20 20.09	-12 57.4	20.9	-1.07	- 3.5	2.8/26.6	46634
2000 SK ₂₇₉	2004 07 25.4	20 20.04	-02 23.5	18.1	-0.90	- 1.2	7.1/28.2	9834
2001 TG ₁₉₀	2004 07 25.4	20 20.05	-29 43.7	20.1	-1.08	- 2.5	3.9/23.5	48129
2000 UC ₁₁₁	2004 07 25.4	20 20.12	-24 49.4	20.4	-0.81	- 2.5	1.4/24.4	47983
2001 XG ₁₅	2004 07 25.4	20 20.13	-32 29.8	19.4	-1.14	+ 0.5	4.5/23.4	26065
2000 JJ ₂	2004 07 25.4	20 20.26	-43 41.7	19.4	-1.31	- 8.5	9.1/19.5	47891
5027 P-L	2004 07 25.4	20 20.31	+03 47.8	18.7	-0.88	- 1.5	11.1/29.7	25658
2001 VG ₈₄	2004 07 25.4	20 20.31	-16 10.3	19.7	-0.90	- 4.0	1.1/26.1	46904
2000 EY ₁₁₃	2004 07 25.4	20 20.32	-12 43.6	16.3	-0.80	- 7.0	3.5/27.2	62284

2001 SM ₁₇₆	2004 07 25.4	20 20.32	-13 53.4	19.2	-0.97	- 6.0	2.6/26.7	50557
2001 UK ₂₁₈	2004 07 25.4	20 20.33	-19 45.5	19.5	-0.90	- 7.5	0.1/25.4	50572
2001 QR ₂₁₃	2004 07 25.4	20 20.34	-12 34.6	19.1	-1.03	- 5.0	2.9/26.9	48061
2000 QZ ₂₁₉	2004 07 25.4	20 20.35	-14 50.1	19.5	-0.87	- 5.0	2.0/26.5	47929
1993 RC	2004 07 25.4	20 20.37	+04 40.5	18.1	-0.70	- 4.8	8.4/31.6	30782
2002 EX ₉₁	2004 07 25.4	20 20.38	-14 34.2	21.0	-0.77	- 3.4	1.4/26.5	30047
2001 WP ₉	2004 07 25.4	20 20.39	-09 47.2	18.4	-0.88	- 5.1	4.6/27.6	48156
2000 WP ₇₄	2004 07 25.4	20 20.40	-35 51.3	19.2	-0.92	- 2.5	4.9/22.1	47989
2001 QZ ₁₃₈	2004 07 25.4	20 20.48	-16 34.0	18.7	-1.06	- 0.9	1.1/26.0	48056
2001 TW ₆₇	2004 07 25.5	20 20.45	-23 45.3	19.4	-1.03	- 3.6	1.5/24.7	48119
2000 CB ₆₄	2004 07 25.5	20 20.45	+08 48.6	18.0	-0.86	-15.7	12.3/05.1	47851
1999 VJ ₂₂₇	2004 07 25.5	20 20.47	+02 18.2	19.0	-0.93	+ 3.6	7.0/28.0	17093
2001 WP ₂₀	2004 07 25.5	20 20.53	-18 07.5	19.2	-1.00	- 4.6	0.5/25.8	30554
5181 T-3	2004 07 25.5	20 20.58	-10 36.5	19.5	-0.75	- 5.4	2.8/27.6	48393
2001 VN ₇₂	2004 07 25.5	20 20.58	-11 46.1	19.7	-0.96	- 2.3	2.9/27.0	50574
2001 TO ₁₀₆	2004 07 25.5	20 20.59	-22 37.2	18.9	-1.05	- 2.8	1.2/25.0	48122
2001 SL ₁₃₃	2004 07 25.5	20 20.67	-24 21.6	19.5	-1.13	- 1.0	2.5/24.8	21012
2003 BG ₂₀	2004 07 25.5	20 20.70	-30 57.9	19.7	-1.19	- 3.3	4.8/23.4	47269
2001 VO ₆₆	2004 07 25.5	20 20.83	-31 40.9	20.9	-1.02	- 3.3	3.9/23.1	46895
2001 TO ₁₈	2004 07 25.5	20 20.88	-06 50.5	19.4	-1.01	- 2.0	5.5/27.7	48115
2001 QO ₁₈₁	2004 07 25.5	20 20.89	-23 02.0	17.4	-1.00	- 6.6	1.4/24.8	50546
3040 T-2	2004 07 25.6	20 20.87	-08 12.3	17.8	-0.75	- 7.2	5.0/28.5	48390
2000 RJ ₈₇	2004 07 25.6	20 20.90	-14 22.6	19.2	-0.85	- 4.3	2.3/26.7	6334
2002 AO ₁₂₆	2004 07 25.6	20 20.94	-17 12.1	19.9	-0.85	- 2.9	0.8/26.1	48191
2000 VE ₅	2004 07 25.6	20 20.95	-06 45.4	19.6	-0.78	- 2.7	3.9/28.2	47983
2000 SQ ₂₁₅	2004 07 25.6	20 21.00	-26 08.1	19.9	-0.93	- 2.6	2.2/24.3	27717
2002 XT ₄₅	2004 07 25.6	20 21.02	-04 55.3	18.3	-1.33	+ 4.7	6.8/27.0	41330
2001 UR ₅₉	2004 07 25.6	20 21.08	-07 48.6	19.2	-0.99	- 2.7	4.9/27.8	46800
2002 CM ₃₄	2004 07 25.6	20 21.08	-25 42.2	19.0	-0.83	- 3.7	1.9/24.3	48199
2001 UL ₁₀₈	2004 07 25.6	20 21.09	-21 29.9	21.5	-1.02	- 3.5	0.7/25.3	48140
2003 FV ₇₉	2004 07 25.6	20 21.12	-26 27.9	20.9	-1.05	- 3.8	2.5/24.3	50756
2003 ET ₁₇	2004 07 25.6	20 21.13	-11 26.4	19.2	-0.77	- 5.4	2.7/27.6	47332
2001 VJ ₉₆	2004 07 25.6	20 21.18	-26 20.4	20.4	-0.98	- 7.1	2.2/24.0	23922
2003 AK ₁₇	2004 07 25.6	20 21.21	-17 39.8	19.0	-1.61	+ 9.9	1.0/25.7	41413
2001 SS ₇₆	2004 07 25.6	20 21.24	-11 41.5	18.8	-0.94	- 2.4	4.1/27.1	23727
2002 CQ ₈₆	2004 07 25.6	20 21.25	-21 33.0	20.9	-0.88	- 2.7	0.7/25.3	27839
2000 QR ₁₁₁	2004 07 25.6	20 21.28	-27 34.4	19.8	-1.03	- 1.5	3.0/24.2	27682
2001 ST ₂₀₂	2004 07 25.7	20 21.27	-10 31.6	19.6	-0.97	- 5.5	3.4/27.7	48103
2001 SR ₄₈	2004 07 25.7	20 21.29	-34 02.4	18.7	-1.10	- 4.3	7.3/22.5	48088
2001 TD ₁₁₉	2004 07 25.7	20 21.30	-60 25.9	19.0	-2.04	+ 6.9	19.7/20.0	26015
2003 FQ ₅₃	2004 07 25.7	20 21.30	-12 41.8	19.0	-0.83	- 6.7	2.2/27.4	47426
1997 UD ₁₆	2004 07 25.7	20 21.30	-25 22.0	17.0	-0.91	- 2.2	3.1/24.6	47717
1999 JO ₆₅	2004 07 25.7	20 21.33	-45 10.8	18.9	-1.15	- 3.1	10.0/20.1	50409
2002 CV ₁₉₃	2004 07 25.7	20 21.36	-25 09.2	20.2	-0.83	- 2.6	1.7/24.6	31970
2001 UY ₁₃₈	2004 07 25.7	20 21.38	-21 25.3	18.6	-1.00	- 3.9	0.9/25.4	26033
1999 TC ₁₃₁	2004 07 25.7	20 21.39	-11 27.9	19.9	-0.74	- 3.0	2.3/27.4	29130
2000 GR ₅	2004 07 25.7	20 21.45	-12 47.1	17.8	-0.95	- 1.7	3.4/27.0	41626
2000 QO ₁₀₇	2004 07 25.7	20 21.46	-45 47.4	19.6	-1.28	+ 1.0	7.6/21.3	30369
2002 BE ₂₀	2004 07 25.7	20 21.46	-10 54.3	20.4	-0.76	- 4.4	2.6/27.7	47163
2001 TO ₂₁₂	2004 07 25.7	20 21.47	-15 41.6	19.0	-1.07	- 0.8	1.5/26.4	46771
2000 HK ₂₀	2004 07 25.7	20 21.57	-07 59.4	18.5	-0.94	- 1.8	5.6/27.8	23534

2003 EH ₅₇	2004 07 25.7	20 21.58	-28 05.6	20.2	-0.86	-	5.3	2.6/23.8	47383
2001 RW ₈₇	2004 07 25.7	20 21.60	-15 43.3	18.5	-1.02	-	4.1	1.9/26.5	48076
2001 XE ₂₂₈	2004 07 25.7	20 21.64	-20 31.1	18.8	-1.04	-	1.8	0.4/25.6	30587
1999 RD ₁₁₀	2004 07 25.7	20 21.64	+05 29.6	19.1	-0.74	-	0.6	10.1/30.7	46374
2001 XG ₁₁₆	2004 07 25.8	20 21.60	-28 36.0	19.4	-1.01	-	4.9	3.2/23.8	30577
2001 YX ₁₀₁	2004 07 25.8	20 21.65	-36 48.4	18.1	-0.93	-	8.3	8.8/20.8	48181
2000 RZ ₉₈	2004 07 25.8	20 21.68	-03 09.5	18.6	-0.94	+	2.0	6.8/28.1	13736
2002 DG ₈	2004 07 25.8	20 21.68	-39 59.1	19.3	-0.92	-	3.2	5.7/21.3	48214
2002 AF	2004 07 25.8	20 21.69	-17 51.6	20.1	-0.92	-	1.4	0.6/26.1	48183
2002 AX ₁₂₇	2004 07 25.8	20 21.79	-20 52.0	20.7	-0.77	-	3.0	0.4/25.5	48191
2003 BJ ₇₁	2004 07 25.8	20 21.83	-36 25.1	18.5	-1.15	+	0.8	6.5/23.4	48322
2001 XW ₁₅₆	2004 07 25.8	20 21.89	-22 48.9	19.7	-1.01	-	4.9	1.4/25.1	48169
2001 SK ₁₅₅	2004 07 25.8	20 21.93	-10 38.4	19.4	-1.00	-	3.1	4.1/27.5	48099
2001 VF ₁₄	2004 07 25.8	20 21.94	-17 00.1	19.2	-1.01	-	1.0	0.9/26.3	46865
2001 SP ₂₅₆	2004 07 25.8	20 21.97	-32 42.8	19.6	-1.09	-	3.0	5.3/23.3	48108
2001 XD ₄₈	2004 07 25.8	20 21.97	-33 40.1	19.4	-1.00	-	3.2	4.6/22.9	27785
2001 SR ₂₇₈	2004 07 25.8	20 22.01	-16 13.8	18.7	-1.05	-	1.6	1.5/26.4	46686
2001 VS ₄₉	2004 07 25.8	20 22.03	-26 32.5	20.8	-1.12	-	1.7	2.7/24.6	48150
1993 TO ₁	2004 07 25.8	20 22.09	-62 09.3	18.0	-1.79	-	3.6	16.4/11.6	50369
2001 TP ₁₃₂	2004 07 25.9	20 21.98	-19 54.3	19.9	-1.12	-	0.2	0.2/25.8	48124
1997 YK ₁₀	2004 07 25.9	20 21.99	-24 17.1	18.4	-1.00	-	1.2	1.6/25.1	47721
2000 GT ₃₄	2004 07 25.9	20 22.03	-29 09.4	17.6	-1.07	-	2.3	5.0/24.1	23524
2001 UD ₁₅₈	2004 07 25.9	20 22.04	-18 09.6	20.0	-1.01	-	3.9	0.5/26.2	30526
2000 HO ₆₅	2004 07 25.9	20 22.07	-21 30.9	18.3	-0.89	-	5.6	1.0/25.4	47889
2001 RU ₇₈	2004 07 25.9	20 22.11	-23 30.9	18.2	-1.06	-	5.3	1.9/25.1	25945
2003 GJ ₄	2004 07 25.9	20 22.19	-26 38.7	19.4	-0.96	-	2.3	2.5/24.6	50759
2001 XD ₃₆	2004 07 25.9	20 22.20	-14 37.5	18.8	-0.99	+	0.2	1.7/26.7	48161
2001 SJ ₂₄₇	2004 07 25.9	20 22.23	-23 50.9	19.7	-1.06	-	4.2	1.7/25.1	27249
2000 XF ₃	2004 07 25.9	20 22.29	-31 28.6	19.0	-1.08	-	1.2	4.6/23.7	8562
1997 VY ₄	2004 07 25.9	20 22.31	-41 59.3	19.9	-1.26	-	5.2	8.6/20.4	47718
2003 EN ₁₂	2004 07 25.9	20 22.33	-23 38.1	19.7	-1.01	-	1.9	1.5/25.2	50749
2001 VV ₁₀₅	2004 07 25.9	20 22.33	-31 53.5	18.9	-1.06	-	3.5	5.3/23.4	48154
2001 XC ₁₆₅	2004 07 25.9	20 22.33	-09 33.5	20.2	-0.88	-	1.4	3.4/27.8	47036
2000 SN ₂₇₉	2004 07 25.9	20 22.34	-24 27.2	19.2	-0.89	-	5.1	1.8/24.9	47964
2001 QR ₂₄₈	2004 07 25.9	20 22.37	-32 35.7	19.9	-1.19	-	3.3	5.6/23.3	46570
2000 QL ₁₃₄	2004 07 25.9	20 22.38	-25 06.3	18.1	-0.95	-	1.4	2.6/25.0	47922
2002 DK ₇	2004 07 25.9	20 22.39	-40 48.6	19.3	-1.11	-	4.9	7.5/20.8	30698
2000 QK ₁₉₄	2004 07 25.9	20 22.40	-29 00.1	19.1	-1.03	-	3.2	4.1/24.0	47927
2002 ET ₅₁	2004 07 26.0	20 22.40	-36 27.8	20.4	-0.94	-	0.6	4.4/22.9	30710
2001 TO ₁₆₂	2004 07 26.0	20 22.40	-22 29.8	19.5	-1.07	-	2.1	1.3/25.5	48127
2002 CL ₂₀₁	2004 07 26.0	20 22.41	-22 21.9	20.3	-0.81	-	2.4	0.9/25.4	30680
2000 YU ₈₇	2004 07 26.0	20 22.41	-29 09.3	19.6	-0.83	-	5.6	2.7/23.7	33344
2000 QZ ₁₈₄	2004 07 26.0	20 22.49	-18 51.2	18.6	-0.84	-	6.1	0.3/26.2	47926
2002 CQ ₂₆₂	2004 07 26.0	20 22.51	-17 46.3	19.8	-0.85	-	3.7	0.6/26.4	61220
2002 CT ₁₃₉	2004 07 26.0	20 22.51	-07 55.7	20.9	-0.90	-	5.7	4.0/28.6	48206
2002 BX ₂₂	2004 07 26.0	20 22.52	-34 09.3	19.8	-1.06	-	1.4	4.7/23.3	27822
1999 GP ₁₉	2004 07 26.0	20 22.55	-42 32.9	18.3	-1.17	-	1.9	8.1/21.6	62241
2003 ER ₅₂	2004 07 26.0	20 22.57	-26 17.0	19.3	-1.08	-	6.7	2.8/24.5	50752
1999 RU ₁₉₅	2004 07 26.0	20 22.58	-30 00.6	18.4	-1.11	+	3.9	3.7/24.8	30313
2001 SA ₂₄₄	2004 07 26.0	20 22.58	-29 15.4	17.0	-0.86	-	5.7	5.4/23.7	23768
2001 XO ₂₂₄	2004 07 26.0	20 22.61	-26 39.8	20.2	-1.00	-	3.9	2.7/24.6	47059

2000 RJ ₄₉	2004 07 26.0	20 22.63	-05 17.9	18.5	-0.84	-	2.7	6.1/29.0	50486
2003 EE ₂₄	2004 07 26.0	20 22.66	-27 13.7	20.0	-1.06	-	2.6	3.1/24.6	47343
2000 QQ ₁₃₆	2004 07 26.0	20 22.69	-20 58.4	18.0	-0.71	+	0.6	0.9/25.8	5014
2001 XG ₂₅₂	2004 07 26.0	20 22.82	-15 30.9	20.3	-0.87	-	3.6	1.3/26.9	50581
2001 UU ₇₉	2004 07 26.0	20 22.84	-25 03.0	20.0	-0.99	-	3.7	2.0/25.0	48139
2001 UO ₆₆	2004 07 26.1	20 22.88	-05 34.5	18.9	-0.87	-	1.7	4.3/28.7	30514
2001 TL ₁₁₀	2004 07 26.1	20 22.89	-07 04.6	18.7	-1.00	0.0	6.1/28.0	30485	
2001 SH ₂₄₄	2004 07 26.1	20 22.95	-24 57.3	21.0	-1.12	-	4.1	2.3/25.0	46671
2001 XZ ₂₁	2004 07 26.1	20 22.96	-20 24.7	20.0	-0.88	-	0.6	0.3/26.0	26066
2001 QU ₂₄₈	2004 07 26.1	20 23.07	-13 35.7	18.8	-0.97	-	5.8	2.4/27.4	48065
2001 SX ₁₁₄	2004 07 26.1	20 23.09	-25 15.1	20.0	-1.03	-	3.1	2.1/25.0	48094
2000 RX ₁₅	2004 07 26.1	20 23.11	-18 12.9	17.7	-1.02	+	1.8	0.5/26.3	50485
2001 VB ₇₅	2004 07 26.1	20 23.12	-26 47.8	18.0	-1.04	-	6.6	2.9/24.5	50574
2001 TX ₁₂₇	2004 07 26.1	20 23.15	-30 06.8	18.0	-0.93	-	5.4	5.8/23.6	23825
2000 SN ₅₄	2004 07 26.1	20 23.19	-24 31.9	20.1	-0.95	-	1.9	1.8/25.2	47944
2002 CF ₇	2004 07 26.1	20 23.28	-52 03.1	21.4	-1.37	-	9.9	10.1/15.8	47168
1998 BR ₃₄	2004 07 26.2	20 23.19	-22 02.2	20.6	-0.95	-	2.7	0.9/25.7	30259
2001 TK ₆₆	2004 07 26.2	20 23.21	-23 34.9	20.2	-1.03	-	3.3	1.5/25.4	48119
2001 VK ₆₅	2004 07 26.2	20 23.24	-18 28.3	19.9	-1.04	-	2.3	0.3/26.4	30543
2002 AJ ₅₈	2004 07 26.2	20 23.26	-18 33.4	20.0	-0.78	-	2.6	0.2/26.4	53697
2001 VP ₇₂	2004 07 26.2	20 23.27	-22 02.5	19.6	-1.02	-	2.7	1.0/25.7	43455
2001 XY ₆₄	2004 07 26.2	20 23.27	-16 11.0	19.9	-1.00	-	3.5	1.3/26.8	27311
2001 SA ₅₃	2004 07 26.2	20 23.29	-08 53.7	19.5	-0.95	-	5.7	4.9/28.5	46620
2000 XG ₃₁	2004 07 26.2	20 23.30	-40 04.7	19.4	-0.94	-	2.2	5.5/21.8	8568
1999 TZ ₁₁₂	2004 07 26.2	20 23.32	-35 40.5	19.3	-0.99	+	0.3	5.2/23.4	30321
2002 AP ₄	2004 07 26.2	20 23.37	-27 03.9	19.0	-0.84	-	3.5	2.4/24.6	47120
2002 BH ₁₃	2004 07 26.2	20 23.45	-22 06.0	20.1	-0.90	-	0.6	0.9/25.8	48195
2001 SK ₂₃₂	2004 07 26.2	20 23.48	-18 12.0	18.8	-0.98	-	4.0	0.6/26.5	25988
2001 TO ₈₆	2004 07 26.2	20 23.52	-27 21.8	19.9	-1.15	-	2.2	3.4/24.8	48121
2002 CD ₁₆₂	2004 07 26.2	20 23.56	-24 54.6	20.5	-0.91	-	4.1	1.8/25.1	27531
2000 SR ₃₈	2004 07 26.2	20 23.56	-41 35.6	19.9	-1.12	-	2.6	7.3/21.4	30387
2002 AF ₉₇	2004 07 26.2	20 23.58	-22 08.0	19.8	-0.98	-	2.5	1.2/25.8	48189
2002 GK	2004 07 26.2	20 23.58	-03 02.8	21.4	-0.70	-	3.5	3.9/30.0	30733
1999 HS ₃	2004 07 26.2	20 23.61	-06 39.0	19.2	-0.87	-	6.9	4.3/29.4	47776
2001 TQ ₃₂	2004 07 26.2	20 23.63	-26 08.0	19.4	-1.13	-	1.3	3.3/25.1	30473
2001 UL ₁₃₄	2004 07 26.2	20 23.63	-08 08.7	20.7	-0.95	-	2.9	4.4/28.5	46829
2000 YQ ₅	2004 07 26.2	20 23.64	-18 53.8	18.8	-0.87	0.0	0.1/26.4	27759	
2001 RA ₇₇	2004 07 26.2	20 23.64	-24 25.2	18.4	-1.12	-	6.5	2.3/25.2	25945
2001 TM ₆₃	2004 07 26.2	20 23.65	-26 55.5	20.1	-1.08	-	4.1	3.2/24.8	46723
2001 WV ₃₄	2004 07 26.2	20 23.65	-36 22.0	19.9	-1.00	-	5.3	5.8/22.4	48157
2000 SU ₃₂₇	2004 07 26.3	20 23.56	-16 47.9	20.7	-0.87	-	1.7	0.8/26.8	47968
2003 BQ ₂₆	2004 07 26.3	20 23.57	-33 28.9	21.2	-1.43	+	3.7	5.4/24.8	48318
2001 TY ₃₇	2004 07 26.3	20 23.59	-30 41.7	18.8	-1.08	-	2.9	4.5/24.1	30474
2001 TS ₁₈₇	2004 07 26.3	20 23.62	-22 00.5	17.2	-1.03	-	0.4	1.2/25.9	43440
2001 XT ₂₁₈	2004 07 26.3	20 23.67	-12 02.3	18.6	-0.99	-	1.4	3.6/27.6	26089
2001 XD ₁₃₀	2004 07 26.3	20 23.70	-15 22.0	20.4	-0.86	-	2.6	1.2/27.1	26080
2000 WR ₂₅	2004 07 26.3	20 23.72	-35 58.4	19.5	-0.93	-	3.5	5.0/22.6	31923
2000 JO ₃₄	2004 07 26.3	20 23.74	-30 56.7	20.1	-1.14	-	3.9	4.7/24.0	47893
2000 ST ₁₄₀	2004 07 26.3	20 23.86	-16 55.6	18.6	-0.89	-	2.3	0.9/26.8	47953
2003 FV ₉₂	2004 07 26.3	20 23.87	-38 13.3	20.1	-0.97	-	3.0	6.0/22.4	50757
2001 WY ₃₆	2004 07 26.3	20 23.87	-13 05.7	20.2	-0.95	-	3.2	2.5/27.6	46941

2002 AA ₁₁₂	2004 07 26.3	20 23.89	-20 02.2	19.8	-0.92	-	4.5	0.2/26.2	48190	2002 CS ₁₂	2004 07 26.6	20 24.87	-39 52.2	19.6	-1.08	-	3.4	6.6/22.0	48198
2002 AH ₁₇₆	2004 07 26.3	20 23.91	-20 16.2	18.7	-0.78	-	6.2	0.3/26.1	50588	2000 UU ₂₃	2004 07 26.6	20 24.91	-34 01.2	19.8	-0.89	-	3.9	4.0/23.3	29448
2001 QX ₂₇	2004 07 26.3	20 23.94	-30 40.1	19.3	-1.15	-	3.3	4.7/24.1	46539	2002 CD ₉₅	2004 07 26.6	20 24.92	-16 50.4	20.5	-0.80	-	3.7	0.7/27.2	48202
2003 DO ₂₀	2004 07 26.3	20 23.99	-22 42.8	20.6	-0.87	-	2.0	1.0/25.8	50747	2002 AT ₈₂	2004 07 26.6	20 24.96	-22 55.6	19.6	-0.93	-	8.7	1.3/25.7	48188
2000 SF ₈₈	2004 07 26.3	20 24.01	-21 40.5	18.9	-0.88	-	5.7	0.9/25.9	47948	1995 PQ	2004 07 26.6	20 24.97	-20 01.1	16.4	-0.89	-13.0	0.3/26.4	62214	
2001 TD ₁₆₆	2004 07 26.3	20 24.02	-16 11.2	19.1	-1.02	-	1.5	1.2/26.9	30491	1999 GJ ₈	2004 07 26.6	20 24.97	-27 53.4	20.1	-1.03	-	1.7	3.2/25.1	47775
2001 VM ₁₀₇	2004 07 26.4	20 23.96	-12 20.5	21.0	-0.97	-	2.1	2.7/27.7	30549	2000 HX ₄₄	2004 07 26.6	20 24.98	-32 16.4	18.8	-1.07	-	4.9	5.9/23.8	47888
1998 DX ₁₈	2004 07 26.4	20 24.00	-23 09.5	20.3	-0.92	-	2.6	1.3/25.7	46336	2003 BL ₃₁	2004 07 26.6	20 25.05	-15 36.5	19.0	-0.91	-	5.4	1.5/27.5	50739
2001 QM ₉₉	2004 07 26.4	20 24.00	-22 06.2	17.4	-1.06	-	1.8	1.0/25.9	48053	1992 EM ₆	2004 07 26.6	20 25.10	-24 14.2	19.8	-1.04	-	4.1	1.8/25.7	47684
2000 RY ₃₁	2004 07 26.4	20 24.03	-35 09.4	18.2	-1.22	+	3.9	7.4/24.4	13725	2000 SO ₂₁₅	2004 07 26.6	20 25.10	-22 27.7	20.1	-0.91	-	2.4	1.1/26.1	30399
2001 XM ₉₄	2004 07 26.4	20 24.12	-12 47.3	19.8	-1.00	-	1.2	2.4/27.5	30574	2002 AM ₄	2004 07 26.6	20 25.10	+10 45.9	18.4	-1.14	+	5.8	10.4/29.3	48184
1994 AD ₂	2004 07 26.4	20 24.17	-08 05.1	18.2	-1.11	+	4.2	4.3/27.6	27580	2001 WM ₁₉	2004 07 26.6	20 25.17	-16 23.0	19.7	-0.94	-	3.0	1.0/27.3	50575
2001 XH ₇₅	2004 07 26.4	20 24.20	-19 56.9	20.0	-0.89	-	4.1	0.2/26.3	48164	2001 XV ₁₄₅	2004 07 26.6	20 25.22	-14 40.5	19.2	-0.89	-	2.1	1.7/27.6	47026
2001 QR ₁₉₀	2004 07 26.4	20 24.20	-14 33.6	18.8	-1.04	-	3.6	2.4/27.4	17940	2000 SS ₂₈₆	2004 07 26.7	20 25.13	-18 11.5	19.5	-0.93	-	0.8	0.4/26.9	47965
2003 FP ₇₇	2004 07 26.4	20 24.20	-01 12.1	19.4	-0.83	-	7.0	6.8/31.1	50756	1999 RR	2004 07 26.7	20 25.14	-25 35.3	18.9	-0.83	-	4.1	1.9/25.3	47786
2001 UW ₉₅	2004 07 26.4	20 24.22	-14 47.7	19.9	-0.98	-	6.0	1.8/27.5	48140	1997 BE	2004 07 26.7	20 25.15	-24 29.6	19.5	-0.93	-	0.3	1.7/25.8	27588
2000 NG ₁₆	2004 07 26.4	20 24.26	-22 19.8	18.1	-0.90	-	8.3	1.3/25.7	47902	2001 TJ ₁₄₆	2004 07 26.7	20 25.18	-28 36.2	21.1	-1.04	-	4.1	3.1/24.7	48125
2000 QR ₁₁₆	2004 07 26.4	20 24.33	-29 21.6	17.0	-0.70	-	4.9	5.4/24.0	47921	2002 CH ₂₅₃	2004 07 26.7	20 25.22	-11 35.7	19.7	-0.83	+	0.1	2.1/28.0	30691
1999 RB ₁₅₄	2004 07 26.4	20 24.37	-05 23.9	19.2	-0.76	-	3.9	4.4/29.6	50418	2001 UF ₁₅₁	2004 07 26.7	20 25.27	-06 54.4	21.0	-0.83	-	3.1	3.6/29.3	48143
2001 SZ ₃₄₈	2004 07 26.4	20 24.37	-05 30.4	20.0	-1.00	-	1.8	6.0/28.9	35564	2003 FT ₂₇	2004 07 26.7	20 25.28	-07 41.7	19.5	-0.91	-	3.1	5.2/29.0	50754
2001 TF ₁₂₆	2004 07 26.4	20 24.40	-16 23.3	20.0	-1.00	-	3.3	1.1/27.1	48123	2001 QS ₈₂	2004 07 26.7	20 25.29	-36 41.5	18.9	-1.34	+	1.5	5.8/24.2	23648
2001 XF ₅₉	2004 07 26.5	20 24.35	-19 06.2	21.8	-1.03	-	3.4	0.1/26.5	48163	1999 CO ₁₄₆	2004 07 26.7	20 25.32	-16 08.4	18.2	-0.85	-	2.8	1.6/27.4	47770
2108 T-3	2004 07 26.5	20 24.38	-13 05.0	19.0	-0.91	+	0.1	3.4/27.5	23405	2000 TV ₃₇	2004 07 26.7	20 25.34	-17 01.7	18.9	-0.90	-	6.7	0.7/27.3	47972
2003 HT ₂	2004 07 26.5	20 24.39	-13 02.0	20.5	-0.87	-	3.5	2.1/27.8	50761	2001 WR	2004 07 26.7	20 25.34	-17 00.3	20.5	-1.01	-	3.1	0.9/27.2	48155
2001 VB ₉	2004 07 26.5	20 24.40	-22 19.4	19.1	-1.11	-	3.6	1.4/25.9	30530	2002 AU ₇₁	2004 07 26.7	20 25.37	-20 22.6	18.5	-0.98	-	2.3	0.6/26.5	62386
2000 UA ₆₇	2004 07 26.5	20 24.41	-22 48.0	18.7	-0.89	-	1.9	1.2/25.8	30415	2000 KJ ₆	2004 07 26.7	20 25.39	-18 11.3	18.3	-0.88	-	5.4	0.5/27.0	47896
2000 RG ₉₇	2004 07 26.5	20 24.42	+08 39.6	17.2	-0.84	-	0.3	12.5/31.7	47938	2001 WC ₈	2004 07 26.7	20 25.43	-06 48.0	20.4	-0.87	-	3.6	4.2/29.4	48155
2001 TL ₁₈₉	2004 07 26.5	20 24.44	-23 43.4	19.1	-1.03	-	1.4	1.6/25.7	50565	2000 WU ₁₀₀	2004 07 26.7	20 25.44	-21 53.6	19.6	-0.87	-	3.1	0.8/26.2	27750
2003 EC ₂₆	2004 07 26.5	20 24.47	-19 56.0	20.1	-0.87	-	4.1	0.2/26.4	50750	2000 XS ₂₅	2004 07 26.7	20 25.52	-32 28.9	18.5	-0.93	-	1.8	3.9/24.1	30436
4760 P-L	2004 07 26.5	20 24.47	-04 45.3	17.9	-0.81	-	8.4	6.9/30.6	41949	2001 SZ ₂₃₁	2004 07 26.7	20 25.57	-26 28.0	20.7	-1.07	-	3.2	2.7/25.4	48105
2001 TK ₆₃	2004 07 26.5	20 24.50	-28 57.5	19.3	-1.03	-	4.7	3.5/24.4	46722	1981 EP ₂₃	2004 07 26.7	20 25.62	-39 04.1	20.9	-1.06	+	0.6	6.5/23.6	47680
2001 KJ ₂₁	2004 07 26.5	20 24.50	+23 59.0	18.0	-0.91	-	5.3	21.4/11.4	60755	2001 TW ₁₇₇	2004 07 26.8	20 25.61	-09 30.3	19.7	-0.97	-	2.6	3.7/28.7	49934
2000 SX ₃₀₃	2004 07 26.5	20 24.51	-25 16.3	18.4	-1.02	+	1.2	2.9/25.6	29414	2001 XG ₁₅₈	2004 07 26.8	20 25.63	-29 28.2	20.3	-0.98	-	5.8	3.3/24.4	48169
2000 JN ₁₆	2004 07 26.5	20 24.54	-21 34.3	17.5	-0.90	-	5.5	1.1/26.0	23541	2001 SC ₁₇₇	2004 07 26.8	20 25.69	-16 02.0	18.6	-0.96	-	5.3	1.2/27.5	49931
2001 XX ₈₈	2004 07 26.5	20 24.58	-17 55.6	18.6	-1.03	-	1.8	0.6/26.8	47001	2000 ST ₂₀₆	2004 07 26.8	20 25.72	-15 19.7	17.4	-0.79	-	7.3	1.7/27.8	8503
1999 VZ ₂₇	2004 07 26.5	20 24.59	-01 44.6	18.8	-0.83	+	0.4	5.8/29.5	9769	2002 CB ₁₅₉	2004 07 26.8	20 25.73	-30 29.9	19.3	-0.91	-	0.4	3.4/24.8	48207
2001 US ₆₄	2004 07 26.5	20 24.60	+00 30.1	17.8	-0.94	+	1.2	10.3/29.5	30513	2000 HA ₅₀	2004 07 26.8	20 25.83	-11 01.0	18.6	-0.82	-	1.5	4.4/28.5	25022
1999 TW ₁₁₄	2004 07 26.5	20 24.63	-12 42.7	19.6	-0.78	-	2.5	2.1/27.9	47806	2001 UH ₁₃₃	2004 07 26.8	20 25.83	-16 25.6	18.8	-0.99	-	3.2	1.1/27.4	50570
2001 QN ₁₉₇	2004 07 26.5	20 24.67	-15 22.1	18.9	-1.11	0.0	0.0	1.6/27.2	23667	2001 SJ ₂₄₆	2004 07 26.8	20 25.85	-29 35.7	20.0	-1.16	-	3.6	4.6/24.8	46672
1999 CG ₁₄₉	2004 07 26.5	20 24.67	-18 12.6	18.9	-0.90	-	3.0	0.5/26.8	43346	2000 RF ₄₀	2004 07 26.8	20 25.86	-15 53.3	18.3	-0.96	+	1.3	1.5/27.4	47934
2000 SS ₂₉₂	2004 07 26.5	20 24.68	-10 44.9	17.9	-0.87	-	0.1	2.9/28.0	47965	2000 QV ₁₄₆	2004 07 26.8	20 25.88	-26 14.9	19.6	-0.95	-	3.1	2.6/25.4	47923
1999 AW	2004 07 26.5	20 24.68	-25 41.1	18.8	-1.04	-	5.0	2.3/25.2	47762	2000 TO ₂₉	2004 07 26.8	20 25.89	-31 02.9	19.3	-1.16	-	1.2	5.2/24.6	9839
2002 AQ ₁₁₈	2004 07 26.5	20 24.69	-14 32.2	19.4	-0.74	-	7.0	1.4/27.8	47147	2000 GF ₇₂	2004 07 26.8	20 25.91	-06 24.2	18.6	-0.94	-	4.8	5.6/29.7	47879
2000 TM ₄₄	2004 07 26.5	20 24.71	-33 58.7	20.0	-0.99	-	4.6	5.1/23.2	47973	2000 SW ₉	2004 07 26.8	20 25.93	-53 46.9	20.3	-1.58	+	3.6	12.7/21.4	47940
2000 NA ₁₄	2004 07 26.5	20 24.77	-16 38.4	17.9	-0.79	+	0.3	1.4/27.0	6275	2003 HD ₅₃									

1999 TE ₁₈₃	2004 07 26.9	20 25.99	-13 29.6	18.6	-0.75	-	4.2	2.0/28.2	47809
2003 AB ₃₁	2004 07 26.9	20 26.02	-26 09.5	18.7	-1.07	+	1.3	2.6/25.9	48310
2003 BP ₁₇	2004 07 26.9	20 26.08	-19 28.1	20.4	-1.06	-	2.5	0.1/26.9	48317
2000 GY ₁₇₀	2004 07 26.9	20 26.08	-26 38.8	19.2	-1.17	-	1.3	3.2/25.7	43362
2001 VX ₃₂	2004 07 26.9	20 26.14	-17 06.4	19.4	-1.00	-	3.0	0.8/27.3	30535
2000 ST ₁₈₄	2004 07 26.9	20 26.14	-29 05.0	20.5	-0.98	-	1.6	3.3/25.1	27715
2003 CF ₁₄	2004 07 26.9	20 26.17	-07 09.2	19.3	-0.82	-	8.8	4.7/30.2	50745
2000 UH ₇₅	2004 07 26.9	20 26.20	-28 51.3	18.6	-0.97	-	0.2	3.2/25.3	27737
2001 QC ₁₄₀	2004 07 26.9	20 26.21	-29 58.3	18.4	-1.15		0.0	3.8/25.2	48056
2003 FO ₉₈	2004 07 26.9	20 26.23	-20 26.3	19.0	-0.99	-	0.5	0.5/26.8	50757
2001 XF ₁₉₂	2004 07 26.9	20 26.23	-17 38.2	19.5	-0.94	-	4.1	0.6/27.3	48171
2002 FY ₆	2004 07 26.9	20 26.25	-37 24.3	19.9	-0.92	-	4.6	4.9/22.6	30730
1999 CK ₁₈	2004 07 26.9	20 26.26	-29 50.9	18.7	-1.05	-	4.2	4.1/24.8	47766
2000 HA ₇₀	2004 07 26.9	20 26.28	-12 40.5	19.2	-1.06	-	2.4	2.6/28.2	50474
1999 RB ₂₀₃	2004 07 26.9	20 26.33	-18 34.0	18.2	-0.90	+	0.8	0.2/27.1	30314
2003 BU ₁₀	2004 07 26.9	20 26.33	-26 17.6	19.8	-1.10	-	1.1	2.6/25.8	48316
2000 WJ ₈₁	2004 07 26.9	20 26.33	-18 56.8	19.1	-0.86	-	1.9	0.1/27.0	47990
2000 RW ₆₆	2004 07 26.9	20 26.34	-04 41.7	19.4	-0.84	-	3.8	5.5/30.0	47936
2003 BV ₈₂	2004 07 26.9	20 26.34	-25 45.4	19.7	-0.98	-	6.0	2.4/25.5	50743
1999 GR ₁₂	2004 07 26.9	20 26.35	+00 47.7	20.5	-0.86	-	3.9	7.1/31.5	46357
2000 SA ₁₆₇	2004 07 26.9	20 26.39	-12 01.2	18.7	-0.93	-	0.2	2.8/28.2	47955
2000 KX ₁₂	2004 07 26.9	20 26.40	-15 39.3	20.3	-1.03	-	3.0	1.4/27.7	46405
1989 OC	2004 07 27.0	20 26.32	-20 14.4	16.0	-0.97	+	6.7	0.6/26.9	47681
2001 QD ₁₁₂	2004 07 27.0	20 26.35	-18 00.4	18.8	-1.05	-	3.9	0.5/27.2	48054
2000 SH ₁₃₄	2004 07 27.0	20 26.38	-14 31.3	18.9	-0.91	-	1.0	1.6/27.8	27711
1998 HR ₅₆	2004 07 27.0	20 26.41	-40 20.4	17.6	-1.00	-	1.9	8.1/22.8	50385
2001 SO ₁₇₉	2004 07 27.0	20 26.43	-45 06.3	19.8	-1.34	-	5.5	11.0/20.0	30467
1993 FH ₃₉	2004 07 27.0	20 26.43	-19 29.7	19.4	-0.84	-	4.0	0.1/27.0	47686
2001 YL ₁₁₆	2004 07 27.0	20 26.44	-36 10.2	19.1	-1.08	-	0.6	5.6/24.0	48182
2002 AZ ₁₄₁	2004 07 27.0	20 26.47	-19 13.4	20.7	-0.87	-	3.6	0.0/27.0	27409
2002 CE ₈	2004 07 27.0	20 26.48	-17 28.7	19.0	-0.77	-	6.9	0.6/27.5	47168
2001 TU ₇₃	2004 07 27.0	20 26.48	-15 42.7	21.0	-1.01	-	3.9	1.3/27.7	48119
2000 SE ₃₀₀	2004 07 27.0	20 26.49	-19 52.1	18.5	-0.91	-	1.5	0.3/26.9	47966
2000 GQ ₁₅₉	2004 07 27.0	20 26.53	-14 47.4	19.5	-1.04	-	2.2	2.0/27.6	47884
2001 RX ₂₆	2004 07 27.0	20 26.56	-27 09.9	19.5	-1.18	-	1.7	3.9/25.6	48071
2001 XJ ₁₂	2004 07 27.0	20 26.62	-08 30.9	20.5	-0.88	-	0.6	3.1/28.9	23945
2003 DX ₂₀	2004 07 27.0	20 26.63	-24 23.9	20.0	-1.05	-	2.2	1.9/26.1	50747
2001 XN ₃₀	2004 07 27.0	20 26.64	-25 58.3	18.9	-1.00	-	3.3	2.2/25.7	30565
2002 CJ ₈₃	2004 07 27.0	20 26.69	-10 50.3	19.1	-0.81	-	7.3	2.7/29.2	30654
2000 SH ₂₈₄	2004 07 27.0	20 26.72	+04 59.9	19.6	-0.77	+	0.9	12.1/31.3	18294
2000 TA ₅₈	2004 07 27.0	20 26.72	-07 00.1	19.3	-0.80	-	6.4	4.3/30.0	47974
2001 XC ₂₁₂	2004 07 27.0	20 26.75	-28 04.2	21.6	-0.90	-	5.8	2.6/25.0	23995
2000 WP ₁₅	2004 07 27.0	20 26.78	-19 03.8	19.8	-0.78	-	2.7	0.0/27.1	47987
2001 SF ₂₈₁	2004 07 27.0	20 26.79	-26 15.3	20.2	-1.12	-	2.3	2.8/25.8	23778
2001 VG ₁₀₄	2004 07 27.0	20 26.80	-33 07.5	19.0	-1.05	-	3.2	5.4/24.2	48154
2001 CL ₁₃	2004 07 27.1	20 26.77	-17 06.7	19.3	-0.78	-	6.3	0.6/27.6	30449
2000 SA ₁₇₃	2004 07 27.1	20 26.77	+08 09.1	18.5	-0.92	+	1.3	9.4/31.8	47955
2001 VH ₅₉	2004 07 27.1	20 26.81	-14 48.2	19.2	-1.02	-	2.2	1.8/27.9	30542
2001 SE ₁₅₆	2004 07 27.1	20 26.82	-05 02.7	20.3	-1.00	-	3.0	5.3/29.8	23751
2000 QY ₂₀₆	2004 07 27.1	20 26.84	-14 11.2	17.1	-0.80	-	5.2	2.3/28.3	47928
2002 CM ₁₉₈	2004 07 27.1	20 26.86	-15 26.6	20.7	-0.79	-	5.3	1.2/28.0	47184

1995 CY ₅	2004 07 27.1	20 26.92	-16 52.2	20.4	-0.96	-	3.4	0.8/27.6	47695
1999 RB ₂₃₄	2004 07 27.1	20 26.98	-02 14.3	19.7	-0.72	-	7.0	4.9/31.6	47798
2000 YR ₃₇	2004 07 27.1	20 26.99	-27 17.4	22.8	-0.75	-	4.8	1.9/25.2	9898
2002 AU ₆₁	2004 07 27.1	20 27.00	-05 10.7	19.3	-0.73	-	7.9	3.7/31.0	50586
1997 UY ₂₆	2004 07 27.1	20 27.02	-41 45.2	19.5	-1.23	-	3.7	7.7/22.0	47717
1998 DZ ₂₅	2004 07 27.1	20 27.03	-24 39.0	19.6	-0.94	-	2.9	2.2/26.1	47724
2001 XH ₁₃₀	2004 07 27.1	20 27.03	-12 51.5	19.7	-0.92	-	2.9	2.4/28.4	47019
2003 BS ₄₃	2004 07 27.1	20 27.06	-22 10.3	20.6	-1.09	-	5.1	1.2/26.5	50740
2001 XW ₁₉₄	2004 07 27.1	20 27.07	-09 03.6	19.0	-1.01	+	1.6	4.1/28.6	27790
2001 UY	2004 07 27.1	20 27.13	+17 45.3	21.2	-0.96	-	1.9	12.2/03.9	48132
2002 AV ₁₁₂	2004 07 27.1	20 27.14	-24 39.2	19.0	-0.91	+	0.8	1.6/26.3	27809
1995 UN ₁₃	2004 07 27.1	20 27.15	-22 12.9	18.9	-0.89	-	2.7	1.1/26.6	27584
2002 CE ₉₂	2004 07 27.1	20 27.16	-24 41.7	19.3	-0.82	-	2.2	1.7/26.1	31967
2003 FZ ₉₀	2004 07 27.1	20 27.16	-19 25.9	19.9	-0.96	-	0.7	0.1/27.1	47463
2001 UJ ₅₂	2004 07 27.1	20 27.17	-23 27.3	19.8	-1.00	-	4.1	1.5/26.3	48137
2002 AA ₁₄₂	2004 07 27.1	20 27.18	-15 08.2	19.9	-0.92	-	1.5	1.5/27.9	25584
1981 EU ₄₆	2004 07 27.2	20 27.17	-16 48.6	20.4	-0.80	-	3.4	0.7/27.7	50366
2000 QH ₁₆₈	2004 07 27.2	20 27.18	-20 55.0	18.4	-0.99	+	1.8	0.8/27.0	47925
2002 EM ₆₇	2004 07 27.2	20 27.19	+00 26.3	20.6	-0.71	-	3.7	5.2/31.8	48220
2001 SK ₁₆₀	2004 07 27.2	20 27.23	-09 44.7	18.5	-0.98	-	3.2	4.4/29.1	23753
2001 TX ₂₀₅	2004 07 27.2	20 27.25	-13 30.3	19.8	-0.97	-	8.1	2.1/28.6	50566
2001 SP ₁₆	2004 07 27.2	20 27.29	-30 25.4	20.1	-1.20	-	2.4	5.0/25.1	46610
2001 RP ₆₄	2004 07 27.2	20 27.43	-11 15.1	20.2	-1.02	-	2.4	2.9/28.7	46588
2001 XU ₁₁₀	2004 07 27.2	20 27.45	-18 22.5	20.4	-1.02	-	5.3	0.3/27.4	29738
2000 UB ₉	2004 07 27.2	20 27.47	-33 42.0	18.8	-1.05	-	5.0	5.4/23.8	9843
2002 CJ ₅	2004 07 27.2	20 27.53	-20 43.9	20.2	-1.01	-	4.5	0.6/27.0	30636
2001 XZ ₈₅	2004 07 27.3	20 27.50	-15 01.6	20.0	-0.92	-	3.4	1.4/28.1	47000
2003 GY ₁₂	2004 07 27.3	20 27.50	-22 20.5	19.4	-0.85	-	3.4	1.1/26.6	62444
2001 SM ₁₄₂	2004 07 27.3	20 27.50	-22 42.0	19.4	-1.12	-	1.3	1.5/26.7	48098
2003 BY ₈₃	2004 07 27.3	20 27.60	-12 13.6	19.5	-0.87	-	9.2	2.7/29.2	50743
2001 XR ₈	2004 07 27.3	20 27.60	-10 11.6	20.2	-0.95	-	0.3	2.9/28.8	30561
2000 QQ ₇₂	2004 07 27.3	20 27.61	-20 35.2	19.1	-1.02	-	2.0	0.6/27.1	29240
1997 SB ₂₃	2004 07 27.3	20 27.61	-30 26.9	19.5	-1.10	-	2.4	4.4/25.1	47715
2001 TR ₆₀	2004 07 27.3	20 27.63	-12 15.2	20.5	-0.97	-	3.2	2.5/28.7	46721
1999 RJ ₇₁	2004 07 27.3	20 27.63	-19 14.8	18.6	-0.83	-	3.8	0.0/27.3	27632
1999 RP ₂₀	2004 07 27.3	20 27.66	-36 51.1	19.7	-1.01		0.0	5.3/24.1	47787
2001 RX ₁₃₉	2004 07 27.3	20 27.69	-36 02.0	19.5	-1.24	-	1.0	6.7/24.4	48080
2001 VZ ₉₆	2004 07 27.3	20 27.72	-07 10.8	19.6	-0.82	-	7.1	4.0/30.4	50574
2001 UD ₁₀₄	2004 07 27.3	20 27.73	-15 31.4	19.9	-0.97	-	4.3	1.5/28.1	48140
2002 XA ₅₃	2004 07 27.3	20 27.78	-37 51.6	20.5	-1.20	-	7.9	6.1/22.7	48304
2001 SW ₁₅₀	2004 07 27.3	20 27.80	-27 32.0	20.3	-1.14	-	1.5	3.5/25.9	46654
2704 P-L	2004 07 27.3	20 27.80	+07 14.5	19.0	-0.71	-	5.5	8.6/03.7	48386
2001 VR ₁₀₃	2004 07 27.3	20 27.81	-13 30.3	19.6	-1.02	-	1.2	2.8/28.3	23923
2000 QJ ₆₉	2004 07 27.3	20 27.82	-08 06.2	20.3	-0.97	+	0.1	3.9/29.2	25817
2001 UH ₈₄	2004 07 27.3	20 27.82	-10 29.5	17.0	-0.96	+	1.7	4.6/28.6	50569
2000 TE ₆₃	2004 07 27.3	20 27.83	-00 18.5	19.2	-0.95	+	1.6	8.1/30.0	7606
2001 VL ₆₆	2004 07 27.3	20 27.87	-16 45.3	19.5	-1.02	-	2.2	1.0/27.8	46895
2000 VS ₂₅	2004 07 27.3	20 27.89	-20 15.8	19.6	-0.80	-	3.3	0.3/27.1	30420
2003 EU ₂₉	2004 07 27.3	20 27.90	-05 41.4	19.2	-0.75	-	4.9	4.4/30.7	47354
2000 QJ ₁₄₆	2004 07 27.3	20 27.91	-12 15.6	19.6	-0.88	-	5.9	2.4/29.0	47923
2002 DQ ₁	2004 07 27.3	20 28.01	-39 17.8	18.2	-1.38	+	1.3	8.8/23.9	30696

2000 RJ ₅₃	2004 07 27.4	20 27.92	-30 54.7	19.1	-0.87	- 3.2	3.2/24.8	47935
2002 CW ₂₇	2004 07 27.4	20 27.94	-24 40.6	20.6	-0.86	- 3.2	1.7/26.2	50590
2001 SB ₂₈₄	2004 07 27.4	20 27.98	+07 29.9	21.6	-0.91	- 6.0	8.5/03.0	22862
2000 RR ₅₇	2004 07 27.4	20 27.99	-05 16.5	21.5	-0.83	- 3.2	4.4/30.0	7554
2000 SP ₉₄	2004 07 27.4	20 28.02	-29 14.8	18.0	-1.08	+ 2.4	4.5/26.1	50490
2001 YR ₁₀₅	2004 07 27.4	20 28.05	-20 55.8	19.7	-0.87	- 4.8	0.6/27.0	48181
2001 SU ₇₈	2004 07 27.4	20 28.06	-09 24.9	20.2	-0.98	- 5.4	3.9/29.5	48091
1997 BT ₄	2004 07 27.4	20 28.14	-17 11.4	20.2	-0.83	- 2.3	0.6/27.8	49645
2002 CO ₆₄	2004 07 27.4	20 28.15	-26 06.7	20.1	-0.79	- 4.5	1.9/25.8	30649
2002 CZ ₂₄₄	2004 07 27.4	20 28.15	-05 06.9	19.8	-0.73	- 2.4	3.9/30.5	53700
2000 SP ₁₈₂	2004 07 27.4	20 28.16	-31 57.9	20.6	-0.89	- 1.9	3.4/24.9	47956
2000 RT ₉₈	2004 07 27.4	20 28.18	-03 28.7	17.2	-0.94	+ 1.9	6.8/29.7	47939
2002 AV ₁₅₀	2004 07 27.4	20 28.28	-20 35.5	19.4	-0.77	- 4.4	0.5/27.1	47151
2003 HY ₄	2004 07 27.4	20 28.29	+01 28.6	19.8	-0.76	- 3.2	6.8/01.1	50761
2000 WX ₁₄	2004 07 27.4	20 28.31	-35 53.7	19.7	-0.92	- 4.0	5.1/23.6	47987
1999 TW ₁₀₇	2004 07 27.4	20 28.32	-11 52.2	18.1	-0.84	- 0.5	2.5/28.8	27644
2000 GY ₁₆₁	2004 07 27.5	20 28.29	-26 39.8	16.9	-0.81	- 8.7	3.9/25.4	43362
2003 EE ₉	2004 07 27.5	20 28.29	-06 18.6	19.8	-0.90	- 5.0	4.6/30.4	50748
1999 BG	2004 07 27.5	20 28.33	-23 10.0	19.0	-1.07	- 0.9	1.6/26.8	47763
2000 JC ₆₄	2004 07 27.5	20 28.34	-19 38.7	20.0	-1.03	- 3.9	0.2/27.4	23546
1999 RO ₁₂	2004 07 27.5	20 28.40	-20 25.4	18.7	-0.86	- 0.8	0.4/27.3	47787
2000 XA ₄₅	2004 07 27.5	20 28.42	-53 20.0	19.5	-1.19	- 0.7	8.6/19.8	30438
1981 EN ₉	2004 07 27.5	20 28.45	-26 45.9	19.7	-1.14	+ 0.1	3.4/26.4	41515
2001 XT ₂₄₀	2004 07 27.5	20 28.45	-25 26.6	20.1	-0.97	- 4.5	2.3/26.1	47066
2000 SQ ₂₃₈	2004 07 27.5	20 28.48	-20 17.4	18.2	-0.84	- 7.0	0.5/27.2	47961
2002 CN ₇₂	2004 07 27.5	20 28.54	-13 07.5	19.6	-0.80	- 7.4	2.1/29.1	48201
1998 HN ₁	2004 07 27.5	20 28.59	+20 13.7	19.6	-1.06	- 3.5	17.2/07.2	47728
2001 TJ ₂₁₈	2004 07 27.5	20 28.63	-12 29.7	19.1	-0.92	- 5.6	2.6/29.1	50566
2000 OT ₄₆	2004 07 27.5	20 28.67	-00 35.4	17.4	-0.70	- 9.8	8.6/02.1	50479
2000 PL ₁₂	2004 07 27.5	20 28.67	-17 46.4	16.5	-0.80	-12.7	0.6/28.0	30362
2002 CX ₂₄	2004 07 27.5	20 28.71	-14 54.4	20.3	-0.76	- 5.0	1.2/28.6	30640
2000 UC ₆₀	2004 07 27.5	20 28.74	-25 34.2	19.4	-0.86	- 1.9	1.9/26.3	30415
2000 SC ₃₁₅	2004 07 27.5	20 28.78	-27 21.2	19.3	-1.12	+ 2.4	3.3/26.5	27724
2001 XL ₉₂	2004 07 27.6	20 28.70	-29 20.3	19.7	-0.99	- 4.4	3.6/25.3	47004
2000 KC ₃₉	2004 07 27.6	20 28.72	-13 04.3	19.1	-0.97	- 4.5	2.6/28.9	50477
2002 CD ₂₇	2004 07 27.6	20 28.73	-25 13.9	20.5	-1.01	- 2.8	2.2/26.4	27828
1999 EB ₆	2004 07 27.6	20 28.74	-43 17.2	18.4	-1.25	- 1.2	9.2/22.7	47771
2000 HL ₉₄	2004 07 27.6	20 28.75	-24 04.4	19.0	-1.01	- 4.5	2.2/26.6	19692
2001 TQ ₉	2004 07 27.6	20 28.76	-12 02.8	19.2	-0.97	- 3.7	2.6/29.1	48114
2000 QB ₉₉	2004 07 27.6	20 28.80	-15 08.9	19.5	-0.86	- 5.0	1.2/28.5	31912
2000 TR ₃₃	2004 07 27.6	20 28.81	-23 47.5	18.5	-0.89	- 8.1	1.7/26.4	47972
2000 QQ ₁₅	2004 07 27.6	20 28.82	-20 44.7	18.5	-0.87	- 0.3	0.9/27.3	47911
2001 RV ₁₀₈	2004 07 27.6	20 28.83	-21 06.5	20.7	-1.08	- 3.8	0.8/27.2	46601
2001 YY ₁₃₀	2004 07 27.6	20 28.86	-27 59.4	19.0	-1.05	- 2.6	3.4/25.9	27797
2001 UN ₁₃₃	2004 07 27.6	20 28.89	+04 55.5	19.2	-0.90	- 3.1	10.8/02.1	26032
2001 SY ₆₀	2004 07 27.6	20 28.99	-30 25.5	18.9	-1.14	- 2.9	4.6/25.4	48090
2000 SN ₃₆	2004 07 27.6	20 29.00	-41 09.8	19.6	-1.09	- 2.2	7.7/22.9	47942
1999 CH ₁₈	2004 07 27.6	20 29.02	-34 43.0	18.0	-1.25	+ 0.8	6.0/25.2	47766
2001 XY ₉₂	2004 07 27.6	20 29.03	-09 17.2	19.5	-0.98	+ 0.4	4.6/29.2	48165
2003 BC ₂₅	2004 07 27.6	20 29.11	-07 20.5	19.8	-0.98	- 3.0	4.4/30.0	48318
2001 TW ₁₂₅	2004 07 27.6	20 29.15	-21 31.5	18.4	-1.10	+ 3.6	1.3/27.4	40759

2000 XJ ₃	2004 07 27.7	20 29.06	-42 58.6	18.6	-1.06	- 0.6	7.6/23.0	47995
2002 AV ₁₀₈	2004 07 27.7	20 29.09	-22 28.5	20.1	-0.81	- 4.2	1.1/26.9	47146
1999 FX ₄	2004 07 27.7	20 29.11	-25 13.6	20.8	-1.01	- 3.1	2.1/26.5	47772
2000 SW ₃₅₉	2004 07 27.7	20 29.12	-15 36.1	19.4	-0.86	- 3.3	1.3/28.4	47969
2000 UZ ₉₇	2004 07 27.7	20 29.13	-23 08.0	21.8	-0.85	- 2.1	1.1/26.9	47982
1999 TC ₂₉	2004 07 27.7	20 29.19	-30 51.3	18.8	-0.88	- 1.5	3.5/25.4	47801
1999 VL ₁₁₇	2004 07 27.7	20 29.21	-18 45.9	19.3	-0.78	- 3.4	0.1/27.8	46387
2002 CJ ₃₄	2004 07 27.7	20 29.21	-27 51.7	18.9	-0.85	- 6.5	3.1/25.5	47172
2001 QN ₂₉₄	2004 07 27.7	20 29.22	-13 46.4	18.4	-1.00	- 1.3	3.0/28.7	23683
2002 EK ₁₃	2004 07 27.7	20 29.25	-42 43.1	21.1	-1.02	- 2.0	7.1/22.6	48216
2003 FW ₇₆	2004 07 27.7	20 29.32	-12 41.9	17.9	-0.85	- 1.4	2.6/29.0	50756
2000 WW ₁₈₃	2004 07 27.7	20 29.35	-04 09.5	17.8	-0.83	0.0	4.7/30.4	47995
2001 SO ₁₀₅	2004 07 27.7	20 29.36	-22 37.3	19.6	-1.06	- 2.3	1.3/27.1	48093
2003 FY ₂₈	2004 07 27.7	20 29.39	-10 43.6	19.9	-0.82	- 6.7	2.7/29.8	50754
2000 YV ₁₉	2004 07 27.7	20 29.43	-12 42.2	20.4	-0.73	- 5.5	1.7/29.3	33336
2001 RJ ₇₇	2004 07 27.7	20 29.44	-22 22.6	18.0	-1.01	- 6.0	1.6/27.0	48075
2000 QY ₂₄₇	2004 07 27.7	20 29.46	-15 02.0	19.4	-0.83	- 5.1	1.8/28.7	60710
2000 WD ₈₉	2004 07 27.7	20 29.47	-35 32.9	20.0	-0.93	- 3.9	5.5/23.9	47990
2003 EY ₂₂	2004 07 27.7	20 29.51	-32 26.3	21.0	-1.08	- 1.3	4.7/25.4	48334
2001 SZ ₂₆	2004 07 27.7	20 29.51	-26 27.8	19.8	-1.07	- 2.7	2.7/26.4	50553
1998 UF ₁₀	2004 07 27.8	20 29.48	-20 52.6	20.0	-1.08	- 2.8	0.9/27.5	23462
2003 HL ₁₅	2004 07 27.8	20 29.49	+15 05.6	21.8	-0.87	- 1.3	8.9/04.9	50762
2001 VW ₅₆	2004 07 27.8	20 29.51	-21 22.4	20.9	-1.11	- 1.6	1.0/27.4	48151
2000 RH ₉₁	2004 07 27.8	20 29.51	-33 20.8	18.2	-1.13	+ 1.3	5.5/25.5	27699
2000 QN ₁₃₇	2004 07 27.8	20 29.51	-05 35.1	18.8	-0.88	- 2.8	4.6/30.5	60707
2000 EH ₆₈	2004 07 27.8	20 29.59	-13 52.0	18.5	-0.93	- 6.0	2.5/29.0	50464
2002 EN ₃₁	2004 07 27.8	20 29.60	-05 57.0	19.8	-0.74	- 4.4	4.1/30.9	50596
1999 RZ ₁₃₇	2004 07 27.8	20 29.62	-34 24.2	19.2	-1.06	+ 1.3	5.7/25.3	35478
2000 QZ ₂₇	2004 07 27.8	20 29.64	-37 06.0	18.8	-1.17	+ 0.6	6.8/24.7	27676
2000 QB ₁₉₀	2004 07 27.8	20 29.66	-36 25.4	18.3	-1.16	- 0.8	6.8/24.5	47927
2001 XF ₁₆₃	2004 07 27.8	20 29.68	-17 11.4	18.9	-1.00	- 3.9	0.8/28.2	48169
1999 CW ₄₆	2004 07 27.8	20 29.69	-17 45.5	19.5	-0.93	- 5.8	0.4/28.1	43343
2002 AC ₁₂₄	2004 07 27.8	20 29.70	-17 53.8	20.4	-0.87	- 5.9	0.4/28.1	50587
2001 SF ₁₁₃	2004 07 27.8	20 29.73	-02 47.9	20.8	-0.87	- 2.8	4.9/31.2	46645
2001 SC ₁₀	2004 07 27.8	20 29.75	-06 12.7	19.5	-0.94	- 3.4	5.0/30.5	46608
2000 PP ₂₅	2004 07 27.8	20 29.77	+08 01.7	17.9	-0.96	+ 3.3	12.5/31.0	47909
2001 VZ ₂₉	2004 07 27.8	20 29.78	-34 37.9	19.9	-1.02	- 4.3	5.2/24.3	48148
2001 XJ ₁₉₆	2004 07 27.8	20 29.79	-16 36.9	18.9	-0.99	- 1.0	0.9/28.3	27790
2001 UT ₁₅₃	2004 07 27.8	20 29.79	-29 56.9	20.1	-0.93	- 4.5	3.4/25.4	48143
2001 SW ₂₇₈	2004 07 27.8	20 29.82	-13 02.6	18.6	-1.06	- 3.1	2.5/29.0	48109
2000 TY ₁₉	2004 07 27.8	20 29.85	-20 17.6	19.7	-0.90	- 7.0	0.5/27.6	47971
2001 SV ₁₂₉	2004 07 27.8	20 29.87	-16 18.9	19.3	-1.03	- 3.1	1.1/28.4	50555
2001 SY ₁₄₄	2004 07 27.8	20 29.87	-25 43.7	19.6	-1.13	- 1.7	2.7/26.7	48099
2002 BX ₄	2004 07 27.8	20 29.90	-35 03.5	19.7	-1.10	- 0.5	4.8/25.0	30630
2001 XE ₂₆	2004 07 27.9	20 29.88	-26 16.0	19.2	-0.88	- 4.5	2.1/26.3	48160
2001 QK ₁₅₁	2004 07 27.9	20 29.91	-09 18.3	19.1	-1.30	+ 4.6	3.9/28.8	23660
2001 XX ₁	2004 07 27.9	20 29.95	-46 08.1	21.0	-1.31	+ 0.3	7.7/23.0	23942
1999 AY ₂₄	2004 07 27.9	20 29.97	-18 46.8	20.0	-0.97	- 4.0	0.1/28.0	47763
2000 QM ₉₃	2004 07 27.9	20 29.98	-32 38.6	18.8	-1.18	+ 2.0	5.6/25.9	47919
2000 SA ₁₃₈	2004 07 27.9	20 29.98	+08 36.4	19.9	-0.83	- 2.3	11.4/02.7	13759
2001 XS ₅₉	2004 07 27.9	20 30.00	-10 27.0	18.1	-0.98	- 0.4	3.8/29.4	46985

2001 UZ ₂₈	2004 07 27.9	20 30.01	-30 33.7	20.4	-1.10	-	4.2	4.5/25.4	46788
2001 XG ₈₄	2004 07 27.9	20 30.01	-16 46.4	19.3	-0.92	-	4.3	0.8/28.4	52882
2002 AW ₃	2004 07 27.9	20 30.03	-20 10.9	18.8	-0.79	-	5.5	0.4/27.6	50584
2003 AU ₅₇	2004 07 27.9	20 30.05	-25 59.5	19.9	-1.08	-	5.8	2.9/26.4	50734
2001 TL ₇₉	2004 07 27.9	20 30.06	-35 42.9	19.8	-1.03	-	3.8	5.2/24.3	48120
2002 AG ₁₄₇	2004 07 27.9	20 30.06	-22 33.4	19.4	-0.88	-	5.5	1.4/27.1	48192
2000 SE ₃₁₆	2004 07 27.9	20 30.08	+23 02.9	20.3	-0.82	-	2.8	12.0/08.5	50496
2000 QX ₁₆₅	2004 07 27.9	20 30.09	-19 46.9	18.2	-1.02	+	1.1	0.3/27.8	47924
2000 EY ₆	2004 07 27.9	20 30.12	-29 41.1	18.5	-1.06	-	1.7	5.3/26.0	47860
2000 WP ₁₅₂	2004 07 27.9	20 30.15	-03 13.6	20.1	-0.82	-	0.7	4.7/30.9	47993
2002 AO ₆₀	2004 07 27.9	20 30.16	-16 14.1	20.3	-0.73	-	5.4	0.7/28.6	30610
3250 T-2	2004 07 27.9	20 30.19	-31 01.7	18.9	-0.97	-	2.1	5.1/25.5	48390
1995 TP ₆	2004 07 27.9	20 30.23	-19 44.7	20.1	-0.87	-	2.7	0.3/27.8	62215
2000 TZ ₅₉	2004 07 27.9	20 30.27	-37 55.6	19.1	-1.02	-	9.0	8.0/22.3	47974
1986 TS ₄	2004 07 28.0	20 30.24	-35 54.5	16.8	-1.29	+	1.1	8.6/25.0	47681
2002 CD ₁₆	2004 07 28.0	20 30.26	-06 42.0	20.6	-0.81	-	4.3	3.6/30.8	27826
1997 XS ₁₃	2004 07 28.0	20 30.26	-18 51.2	19.0	-0.99	-	5.4	0.1/28.0	47720
2001 XG ₁₉₁	2004 07 28.0	20 30.26	-18 44.9	19.6	-0.94	-	4.3	0.1/28.1	48171
2002 EC ₁₂₇	2004 07 28.0	20 30.27	-34 30.4	20.1	-1.07	-	0.2	5.1/25.2	30073
2003 FW ₉₈	2004 07 28.0	20 30.30	-20 06.0	20.2	-0.92	-	4.7	0.4/27.8	47472
1999 FX ₉	2004 07 28.0	20 30.30	-38 20.5	18.4	-1.17	-	0.6	7.2/24.5	47773
2000 SU ₅₈	2004 07 28.0	20 30.31	-18 56.7	19.1	-0.89	-	2.8	0.0/28.0	46470
1999 NS ₃₃	2004 07 28.0	20 30.37	-11 36.3	17.5	-1.02	+	4.8	3.2/28.8	9734
1996 RW ₁₀	2004 07 28.0	20 30.42	-21 55.0	20.1	-0.92	-	3.0	1.3/27.4	50375
2001 SM ₁₆₀	2004 07 28.0	20 30.48	-09 12.2	19.1	-0.98	-	3.4	4.5/30.0	48100
2001 YP ₁₂₀	2004 07 28.0	20 30.50	-23 37.0	20.1	-0.84	-	3.4	1.3/27.0	50584
2001 TU ₆₇	2004 07 28.0	20 30.52	-24 03.6	19.7	-1.05	-	3.8	2.0/27.0	46725
2002 CK ₂₉	2004 07 28.0	20 30.56	-27 54.0	20.3	-0.90	-	0.9	2.7/26.4	29775
1999 CX ₉₄	2004 07 28.0	20 30.57	-28 49.3	18.6	-1.08	-	2.1	3.8/26.2	47769
2001 XJ ₁₈₅	2004 07 28.0	20 30.57	-26 34.8	19.2	-0.90	-	6.6	2.4/26.2	23989
2002 CP ₆₆	2004 07 28.0	20 30.63	-20 57.6	19.5	-0.84	-	3.8	0.6/27.6	30649
2002 AR ₁₂₄	2004 07 28.0	20 30.67	-23 42.6	20.5	-0.90	-	1.6	1.5/27.2	27811
1999 RK ₁₉₁	2004 07 28.0	20 30.69	-33 34.5	20.0	-0.94	-	2.0	4.7/25.0	47796
2000 QO ₁₀₅	2004 07 28.0	20 30.70	-20 48.8	17.4	-0.74	-	9.0	1.0/27.6	47920
2001 SS ₁₄₇	2004 07 28.1	20 30.65	-09 55.6	19.7	-1.02	-	2.3	3.6/29.8	50556
2000 TM ₃₇	2004 07 28.1	20 30.65	-25 21.2	19.8	-0.94	-	7.1	2.8/26.5	47972
2000 GJ ₅₇	2004 07 28.1	20 30.66	-07 17.4	16.7	-0.82	-	3.0	6.3/30.6	50470
2002 AG ₇₀	2004 07 28.1	20 30.67	-23 28.1	19.7	-0.96	-	4.0	1.7/27.1	47137
1999 RV ₂₂₀	2004 07 28.1	20 30.72	-06 21.8	19.1	-0.77	-	2.5	4.0/30.8	30315
2001 VN ₆	2004 07 28.1	20 30.73	-15 48.7	20.2	-0.98	-	3.2	1.1/28.7	46860
1998 FO ₄₁	2004 07 28.1	20 30.78	+10 43.6	20.3	-0.79	-	5.6	8.5/05.1	47726
2000 QP ₂₁₀	2004 07 28.1	20 30.82	-21 20.9	19.4	-0.97	-	3.0	0.9/27.6	30376
2001 BT ₅₁	2004 07 28.1	20 30.84	-08 46.0	19.5	-0.80	-	2.9	3.2/30.0	10714
1999 XX ₁₁₃	2004 07 28.1	20 30.87	-14 03.0	16.6	-0.97	+	2.7	1.9/28.8	14382
2002 CE ₂₃₈	2004 07 28.1	20 30.88	-09 05.0	21.2	-0.74	-	3.7	2.7/30.4	47186
1999 RW ₈₀	2004 07 28.1	20 30.88	-23 16.2	18.8	-0.91	+	0.2	1.5/27.4	47790
2000 TM ₃₆	2004 07 28.1	20 30.90	-18 34.5	19.5	-0.81	-	3.5	0.1/28.2	47972
2001 TO ₁₆₄	2004 07 28.1	20 30.94	-24 51.8	20.9	-0.96	-	3.2	1.8/26.9	46759
2000 SD ₁₂₈	2004 07 28.1	20 30.95	-19 57.8	19.8	-0.84	-	3.9	0.3/27.9	47951
2002 AX ₁₅₃	2004 07 28.1	20 30.95	-18 05.9	19.9	-0.93	-	5.0	0.3/28.3	48192
1998 XE ₇₉	2004 07 28.1	20 31.01	-21 35.8	19.2	-1.03	-	6.8	1.0/27.5	47760

2002 EU ₅₅	2004 07 28.1	20 31.07	-07 30.7	19.7	-0.75	- 4.8	3.6/30.9	48219
2001 GM ₃	2004 07 28.1	20 31.11	-43 56.7	17.2	-1.34	-22.4	12.0/18.7	40132
2000 SF ₁₅₄	2004 07 28.1	20 31.11	-35 27.9	18.9	-1.03	- 2.9	5.9/24.5	47954
2000 VC ₆₀	2004 07 28.2	20 31.03	-35 44.4	19.5	-0.90	- 3.6	5.0/24.3	47986
2002 CO ₈₆	2004 07 28.2	20 31.10	-17 58.9	20.4	-0.86	- 4.7	0.3/28.4	47176
2002 AJ ₉₆	2004 07 28.2	20 31.11	-25 16.1	18.2	-0.85	-10.1	2.9/26.4	33524
2001 XL ₂₂₃	2004 07 28.2	20 31.12	-10 27.7	20.1	-0.95	- 4.9	3.1/30.0	23997
2001 XA ₂₁₄	2004 07 28.2	20 31.13	-23 33.1	18.4	-0.90	- 8.6	1.7/27.0	50580
2001 YZ ₅₈	2004 07 28.2	20 31.19	-24 49.4	19.4	-0.97	- 3.3	2.2/27.0	47088
1999 UX ₄₄	2004 07 28.2	20 31.27	-12 57.9	17.7	-0.84	- 0.5	1.9/29.3	30330
2001 XO ₂₀₅	2004 07 28.2	20 31.27	-16 04.9	21.0	-0.88	- 4.2	0.9/28.9	48171
1996 FH ₁₄	2004 07 28.2	20 31.28	-17 29.3	18.3	-0.80	- 5.9	0.7/28.6	23432
1999 PD ₂	2004 07 28.2	20 31.28	-11 55.2	18.8	-0.77	- 5.2	2.0/29.9	30303
2001 WF ₄₁	2004 07 28.2	20 31.33	-22 19.8	20.0	-0.86	- 5.1	1.0/27.5	48157
2001 TZ ₁₂₀	2004 07 28.2	20 31.33	-24 27.5	19.2	-1.14	- 0.7	2.1/27.3	30487
2000 SD ₂₇₂	2004 07 28.2	20 31.33	-06 20.1	18.4	-0.96	+ 2.2	5.3/30.0	7594
2001 RP ₁₅₄	2004 07 28.2	20 31.36	-17 20.5	19.1	-0.99	- 5.2	0.6/28.6	48081
2003 AB ₉	2004 07 28.2	20 31.39	+10 45.5	18.6	-1.00	-12.5	13.1/06.7	48309
2001 TN ₁₉₄	2004 07 28.2	20 31.40	-32 15.9	18.4	-1.09	- 1.6	6.4/25.7	46767
1999 VF ₁₇₄	2004 07 28.2	20 31.40	+21 25.0	19.7	-1.10	+ 2.0	19.6/04.7	14153
2001 WF ₄	2004 07 28.2	20 31.44	-23 06.5	19.6	-0.91	- 4.8	1.3/27.3	46923
2001 VF ₄₃	2004 07 28.2	20 31.47	-15 56.2	19.3	-1.01	- 4.0	1.2/28.9	46883
1991 RD ₁₉	2004 07 28.2	20 31.50	-15 10.9	17.5	-1.02	- 1.1	2.0/28.9	47683
1999 CD ₁₅	2004 07 28.2	20 31.60	-49 57.5	18.3	-1.92	+ 6.3	13.8/24.5	23472
1999 RG ₇₉	2004 07 28.3	20 31.50	-32 09.7	19.5	-0.93	- 1.0	4.2/25.8	47790
2000 JA ₆₄	2004 07 28.3	20 31.51	-11 17.2	17.7	-0.85	- 3.3	3.9/29.9	47895
2001 XU ₁₉₅	2004 07 28.3	20 31.51	-12 40.5	20.0	-0.87	- 1.8	1.9/29.5	27790
2001 TS ₈₀	2004 07 28.3	20 31.52	-14 38.3	19.4	-0.90	- 4.0	1.4/29.2	53696
2000 HR ₈₉	2004 07 28.3	20 31.52	-08 18.1	17.9	-0.85	- 2.8	5.3/30.6	23539
2000 SA ₄₀	2004 07 28.3	20 31.57	-19 01.2	18.8	-0.87	- 5.6	0.1/28.3	47943
2001 XE	2004 07 28.3	20 31.58	-57 00.3	20.6	-1.55	- 0.2	10.2/19.9	26063
2000 JJ ₁₇	2004 07 28.3	20 31.60	-22 38.7	18.0	-0.98	- 5.7	1.7/27.5	41647
2000 QF ₁₃₇	2004 07 28.3	20 31.63	+04 35.7	18.7	-0.77	- 4.4	10.8/03.5	13202
2002 CE ₂₁₅	2004 07 28.3	20 31.65	-18 10.4	20.0	-0.80	- 3.6	0.2/28.5	29866
2003 GO ₄₂	2004 07 28.3	20 31.65	-22 29.6	19.1	-0.89	- 6.4	1.1/27.5	50187
2001 UF ₁₁₈	2004 07 28.3	20 31.66	-12 52.6	20.1	-0.96	- 3.8	2.2/29.6	30520
2002 CK ₈₉	2004 07 28.3	20 31.67	-27 09.2	19.7	-0.91	- 0.6	2.7/26.8	48202
2001 RK ₁₂₉	2004 07 28.3	20 31.69	-16 36.8	19.5	-1.01	- 5.9	1.0/28.9	48080
2000 QT ₆₆	2004 07 28.3	20 31.74	-16 49.4	18.6	-0.89	- 6.7	0.8/28.9	47915
2002 AV ₁₄₂	2004 07 28.3	20 31.75	-11 29.2	21.6	-1.02	+ 0.2	2.6/29.5	27409
2003 ES ₂₇	2004 07 28.3	20 31.77	-18 16.5	19.8	-0.98	- 5.0	0.2/28.5	50750
2000 QZ ₂₀₃	2004 07 28.3	20 31.78	-23 30.0	19.0	-0.95	- 4.3	1.7/27.4	47928
2001 TM ₁₄₉	2004 07 28.3	20 31.81	-51 36.4	19.5	-1.41	- 2.8	12.9/20.3	48126
2000 EN ₁₂	2004 07 28.3	20 31.81	-26 16.9	17.1	-0.86	-10.7	3.9/26.2	41609
2003 FZ ₆₇	2004 07 28.3	20 31.82	-46 50.7	17.7	-1.17	- 2.3	11.7/21.6	47438
2001 XS ₄₀	2004 07 28.3	20 31.83	-40 24.9	19.9	-1.08	- 3.8	7.4/23.4	46973
1997 CJ ₁₁	2004 07 28.3	20 31.83	-18 32.4	20.2	-0.85	- 6.3	0.1/28.5	47709
2000 SK ₇₇	2004 07 28.3	20 31.84	-05 06.8	20.2	-0.80	- 3.9	4.3/31.5	47947
2003 AM ₇₈	2004 07 28.4	20 31.85	-33 40.5	18.6	-1.02	- 6.0	5.6/24.9	50736
2002 DF	2004 07 28.4	20 31.85	-07 04.7	19.2	-0.73	- 5.4	3.6/31.3	48214
2000 QE ₁₅₇	2004 07 28.4	20 31.87	-14 58.3	19.3	-0.95	- 0.5	1.3/29.1	30372

2001 XT ₂₉	2004 07 28.4	20 31.89	-17 58.1	19.1	-0.93	- 5.0	0.3/28.6	57848	2001 SG ₅₆	2004 07 28.6	20 32.87	-17 40.8	17.8	-0.90	- 8.1	0.6/28.9	48089
2003 EJ ₄₈	2004 07 28.4	20 31.89	-15 48.4	18.8	-0.96	- 0.1	1.1/28.9	50752	2000 VN ₅₂	2004 07 28.6	20 32.87	+01 02.6	19.3	-0.74	- 1.4	5.3/01.9	29521
2001 UC ₁₃₂	2004 07 28.4	20 31.96	-41 39.2	20.2	-1.12	- 5.3	8.1/22.7	30522	2000 SJ ₃₀₇	2004 07 28.6	20 32.89	-23 56.1	19.3	-0.98	- 0.5	1.9/27.8	27724
1999 RD ₂₀₈	2004 07 28.4	20 31.96	-07 31.3	18.8	-0.83	- 0.4	3.6/30.4	47797	2001 VJ ₈₈	2004 07 28.6	20 32.90	-08 48.2	20.3	-0.88	- 4.0	3.2/30.8	46905
2000 WK ₁₆₁	2004 07 28.4	20 31.97	-08 15.0	20.0	-0.75	- 5.0	3.3/31.0	47993	1992 EH ₁₄	2004 07 28.6	20 32.94	-17 39.3	20.1	-1.01	- 3.3	0.4/28.9	47684
2003 EK ₃₇	2004 07 28.4	20 31.98	-40 37.7	18.4	-1.03	- 5.3	8.1/23.1	50751	2003 BR ₂₁	2004 07 28.6	20 32.96	-24 41.1	18.6	-1.79	+10.8	3.1/28.5	50738
2002 AM ₁₂₂	2004 07 28.4	20 31.99	-21 01.5	20.8	-0.96	- 5.2	0.7/27.9	30618	2000 GF ₆₀	2004 07 28.6	20 32.97	-32 51.2	18.2	-1.08	- 2.4	7.0/25.8	23526
2000 SP ₁₃₀	2004 07 28.4	20 32.03	+00 00.5	18.7	-0.91	- 0.5	7.3/31.8	47952	2000 PR ₁₁	2004 07 28.6	20 32.98	-28 03.7	18.0	-0.87	-11.3	3.9/25.9	47908
2001 TD ₃₂	2004 07 28.4	20 32.04	-10 17.5	19.1	-1.03	- 0.5	3.7/29.9	30473	2003 GD ₁₂	2004 07 28.6	20 33.05	-14 40.6	19.8	-0.91	- 4.3	1.5/29.6	50759
2001 SL ₂₁₅	2004 07 28.4	20 32.06	-31 03.7	19.1	-1.13	- 4.7	5.8/25.7	48104	2001 YJ ₆₃	2004 07 28.7	20 33.01	-23 59.7	20.4	-0.92	- 4.2	1.7/27.6	47089
2001 XD ₁₁₉	2004 07 28.4	20 32.06	-31 25.6	17.3	-0.95	-10.3	5.3/24.7	48167	2001 YL ₁₂₂	2004 07 28.7	20 33.05	-30 11.8	20.3	-0.97	- 2.2	3.9/26.4	47108
2001 UA ₈₂	2004 07 28.4	20 32.08	-05 47.2	20.6	-0.86	- 3.2	3.9/31.2	23869	1996 FZ ₁₀	2004 07 28.7	20 33.06	-22 46.2	20.4	-1.04	- 4.4	1.5/27.9	46328
1996 PC ₃	2004 07 28.4	20 32.09	-38 40.4	20.0	-1.43	+ 2.0	6.7/25.3	27585	2000 QZ ₁₆	2004 07 28.7	20 33.07	-16 37.7	19.0	-0.94	- 2.5	0.8/29.1	47911
2001 UU ₇	2004 07 28.4	20 32.09	-16 52.6	18.7	-1.08	- 1.3	0.8/28.8	30504	2001 QC ₆₁	2004 07 28.7	20 33.09	-23 11.3	16.7	-1.12	-19.5	2.0/27.3	30458
2001 XO ₂₄₆	2004 07 28.4	20 32.11	-26 08.5	20.5	-1.00	- 3.5	2.6/26.9	48174	2000 RU ₃₂	2004 07 28.7	20 33.19	-18 10.7	18.2	-0.92	- 1.6	0.2/28.9	47934
2001 XH ₆₂	2004 07 28.4	20 32.17	-21 19.9	17.7	-0.85	- 6.7	1.3/27.9	48163	2002 AZ ₁₄₇	2004 07 28.7	20 33.21	-34 58.8	20.8	-0.91	- 3.5	4.8/25.1	47150
2000 WS ₆₈	2004 07 28.4	20 32.19	-29 26.6	20.0	-0.84	- 3.4	3.1/26.1	47989	1999 GB ₄	2004 07 28.7	20 33.22	-12 02.0	19.4	-0.91	- 2.9	2.4/30.1	47775
2001 TT ₄₁	2004 07 28.4	20 32.20	-26 23.0	19.8	-1.10	- 2.4	2.6/27.0	30475	2000 SP ₁₃₂	2004 07 28.7	20 33.23	-03 04.4	17.3	-0.89	+ 5.6	8.2/30.5	47952
2001 TK ₁₄₇	2004 07 28.4	20 32.21	-22 51.9	19.1	-0.96	- 6.7	1.9/27.5	48126	2002 ER ₈	2004 07 28.7	20 33.23	-34 13.3	18.4	-0.91	- 4.1	5.2/25.0	48215
2001 TZ ₉₉	2004 07 28.4	20 32.21	-19 20.5	20.2	-1.01	- 3.1	0.2/28.4	48121	2000 RE ₁₀	2004 07 28.7	20 33.24	-27 21.4	18.9	-1.02	- 5.7	3.3/26.7	30378
2000 DC ₁₀₉	2004 07 28.4	20 32.22	-25 26.0	19.7	-1.15	- 1.7	3.1/27.3	41608	2002 AX ₁₅₂	2004 07 28.7	20 33.26	-26 05.7	19.2	-0.90	- 1.0	2.2/27.4	30622
2000 SN ₄₅	2004 07 28.4	20 32.22	+03 32.3	17.8	-0.88	+ 2.4	11.0/31.6	13744	2003 FX ₇₄	2004 07 28.7	20 33.30	-36 18.2	19.0	-0.92	- 4.4	5.7/24.6	50756
2001 WT ₂₅	2004 07 28.4	20 32.23	-04 45.3	19.0	-0.91	- 2.5	6.7/31.4	27296	2000 GN ₈₇	2004 07 28.7	20 33.31	-20 51.7	18.2	-1.01	- 6.9	0.9/28.3	47880
2000 OR ₅₉	2004 07 28.4	20 32.25	-16 31.9	17.9	-0.94	- 0.2	1.1/28.9	47907	2001 UB ₁₅₀	2004 07 28.7	20 33.36	-09 53.9	20.1	-0.93	- 4.5	3.6/30.7	48143
2003 DR ₁₈	2004 07 28.4	20 32.26	-22 25.1	19.6	-1.01	- 3.4	1.4/27.8	62442	2001 RC ₉₆	2004 07 28.7	20 33.41	-16 43.2	19.5	-0.98	- 4.8	0.8/29.2	48077
1997 EO ₃	2004 07 28.5	20 32.21	-22 47.5	19.9	-0.83	- 2.6	1.2/27.7	26871	2002 CP ₁₇₃	2004 07 28.7	20 33.41	-17 55.3	19.4	-0.78	- 5.2	0.2/29.0	50593
2000 UD ₁₀₁	2004 07 28.5	20 32.22	-13 04.6	18.2	-0.88	- 0.5	2.0/29.5	27134	2001 VN ₂₆	2004 07 28.7	20 33.45	-19 10.2	21.0	-0.96	- 3.4	0.1/28.7	48148
2001 VL ₇₉	2004 07 28.5	20 32.30	-11 14.9	18.6	-1.01	- 1.4	3.4/29.9	30545	2003 FQ ₅₀	2004 07 28.7	20 33.46	-12 28.0	20.4	-1.03	- 2.8	2.6/30.0	47423
2001 SJ ₂₆₅	2004 07 28.5	20 32.31	-21 01.8	18.5	-1.01	- 2.8	0.9/28.1	48108	2001 SW ₇₇	2004 07 28.8	20 33.39	-12 01.3	19.3	-0.79	- 6.4	3.8/30.5	46633
2001 TK ₃₉	2004 07 28.5	20 32.33	-44 53.7	21.1	-1.16	- 2.7	8.3/22.7	50561	2001 XE ₁₀₀	2004 07 28.8	20 33.39	-27 40.9	20.5	-0.91	- 5.3	2.7/26.7	27787
2001 XM ₂₀₆	2004 07 28.5	20 32.34	-15 39.8	18.2	-0.90	- 6.1	1.6/29.3	35133	2001 UN ₁₇₅	2004 07 28.8	20 33.44	-28 11.1	18.9	-1.02	- 4.8	3.6/26.7	46849
2001 XB ₁₇₃	2004 07 28.5	20 32.37	-14 39.1	20.7	-0.85	- 2.8	1.3/29.4	48169	2000 OM ₃₈	2004 07 28.8	20 33.47	-04 27.3	17.7	-0.99	+ 3.7	6.7/30.7	47905
2000 QV ₁₉₇	2004 07 28.5	20 32.37	-19 41.8	18.3	-0.90	- 4.7	0.3/28.3	47927	2000 HW ₄₄	2004 07 28.8	20 33.51	-16 24.1	17.4	-0.89	- 6.5	1.2/29.4	43364
1999 VU ₁₇₇	2004 07 28.5	20 32.40	+10 31.0	18.4	-0.69	- 2.8	12.2/05.1	47825	2001 SW ₁₁₂	2004 07 28.8	20 33.52	-07 33.2	18.4	-0.97	- 3.5	5.2/31.1	48094
2001 TX ₈₈	2004 07 28.5	20 32.51	-16 29.0	20.1	-0.99	- 3.2	0.9/29.0	50562	2002 XP ₈₀	2004 07 28.8	20 33.56	-28 09.1	20.2	-1.10	- 4.0	3.5/26.9	48305
2000 SZ ₂₈₁	2004 07 28.5	20 32.51	+04 25.0	20.4	-0.81	- 3.6	9.7/02.9	13776	2002 GV ₁₂₁	2004 07 28.8	20 33.57	+03 30.1	20.1	-0.75	- 3.8	6.7/03.1	48230
2003 EW ₂₄	2004 07 28.5	20 32.52	-01 10.0	20.4	-0.83	- 6.1	6.0/02.1	50750	2001 KX ₁₈	2004 07 28.8	20 33.59	+19 21.4	19.7	-1.15	- 0.3	17.1/06.2	48032
2002 HZ	2004 07 28.5	20 32.57	-35 19.8	19.9	-0.89	- 2.4	4.6/25.0	32010	2000 DB ₁₀₅	2004 07 28.8	20 33.62	-26 12.7	20.6	-1.06	- 5.7	3.4/27.2	47860
2002 CA ₄₂	2004 07 28.5	20 32.58	-01 55.8	20.9	-0.85	- 4.2	5.4/01.3	48200	1998 AW ₃	2004 07 28.8	20 33.65	-21 09.3	20.0	-0.90	- 4.3	0.8/28.3	62221
2000 YR ₇₈	2004 07 28.5	20 32.65	-20 12.1	19.2	-0.85	- 3.4	0.5/28.3	50513	2000 QW ₂₂₂	2004 07 28.8	20 33.68	-22 00.0	17.8	-0.88	-11.9	1.3/27.9	27690
2001 XY ₅₈	2004 07 28.5	20 32.66	-15 50.2	19.2	-1.04	- 2.7	1.4/29.2	30569	2001 TW ₁₉₀	2004 07 28.8	20 33.74	-05 51.3	20.9	-0.94	- 2.2	4.4/31.4	48129
2001 YL ₃₁	2004 07 28.6	20 32.60	-09 39.8	20.3	-0.90	- 1.6	3.2/30.4	47081	2001 SB ₁₂₇	2004 07 28.8	20 33.83	-25 28.5	21.1	-1.28	- 2.9	2.9/27.6	48096
2000 JP ₅₇	2004 07 28.6	20 32.61	-23 36.4	17.8	-0.96	- 7.2	2.1/27.4	47894	2001 QH ₁₃₂	2004 07 28.8	20 33.83	-15 10.1	18.4	-1.13	- 0.4	1.6/29.5	48055
1998 FB ₁₀₅	2004 07 28.6	20 32.63	-19 18.5	19.0	-0.92	- 0.3	0.2/28.5	47727	2000 SM ₁₅₁	2004 07 28.8	20 33.85	-35 29.0	20.4	-1.08	- 2.9	6.0/25.2	47954
2001 VS ₄₂	2004 07 28.6	20 32.73	-18 39.1	19.2	-0.97	- 2.8	0.1/28.7	48150	2003 EY ₂₈	2004 07 28.8	20 33.90	-54 50.2	20.2	-1.57	- 1.2	11.5/20.9	50750
1998 WF ₃₁	2004 07 28.6	20 32.74	-40 48.3	19.0	-1.22	- 8.3	7.4/22.9	50399	1999 GK ₁	2004 07 28.9	20 33.84	-42 11.9	18.3	-1.11	- 3.8	8.4/23.4	47775
2002 CB ₁₆₄	2004 07 28.6	20 32.76	-11 20.2	20.0	-0.96	- 2.2	2.5/30.0	31969	2000 GP ₁₇₂	2004 07 28.9	20 33.96	-14 41.1	18.2	-1.06	- 0.5	2.0/30.0	41637
2001 SY ₁₂₉	2004 07 28.6	20 32.77	-17 46.8	18.5	-1.05	- 3.0	0.5/28.8	48096	2002 AX ₂₀₃	2004 07 28.9	20 34.00	-14 32.5	19.4	-0.87	- 7.3	1.5/30.0	50588
2002 GQ ₁	2004 07 28.6	20 32.78	+06 37.1	20.9	-0.65	- 2.7	5.5/03.9	35575	2001 VG ₃₂	2004 07 28.9	20 34.03	-20 39.5	19.2	-1.01	- 3.4	0.7/28.6	48149
2000 SS ₂₀₉	2004 07 28.6	20 32.81	-18 59.7	19.0	-0.85	- 6.3	0.1/28.6	47959	2002 AL ₆₂	2004 07 28.9	20 34.13	-15 49.8	20.0	-0.83	- 5.1	0.9/29.7	47135
2001 TM ₈₂	2004 07 28.6	20 32.82	-15 27.3	19.5	-1.02	- 2.1	1.2/29.3	50562	2000 RZ ₂₅	2004 07 28.9	20 34.21	-07 51.1	18.8	-0.90	- 1.5	4.0/31.1	30379

2002 CL ₂₅₉	2004 07 29.0	20 34.17	-15 16.9	19.6	-0.78	- 1.7	1.0/29.7	30692
2001 XW ₁₀₃	2004 07 29.0	20 34.18	-30 34.1	16.7	-0.56	-18.7	6.0/24.2	48166
2001 SC ₅₂	2004 07 29.0	20 34.19	-10 38.2	18.7	-0.92	- 6.2	3.0/31.0	48089
2003 EU ₃₉	2004 07 29.0	20 34.24	-28 55.8	19.9	-0.96	- 6.7	3.5/26.5	47365
2000 EX ₄₂	2004 07 29.0	20 34.25	-09 41.9	20.0	-0.99	- 6.0	3.7/31.1	50464
2002 AT ₁₇₅	2004 07 29.0	20 34.28	-22 32.7	20.5	-1.00	- 2.5	1.4/28.3	27817
2002 BE ₃	2004 07 29.0	20 34.31	-34 08.9	20.1	-1.09	- 2.1	4.9/25.9	48195
2001 UT ₄₀	2004 07 29.0	20 34.34	-30 11.7	20.7	-1.10	- 3.8	4.2/26.6	30510
2002 AQ ₈	2004 07 29.0	20 34.35	-37 47.1	21.2	-1.30	+ 1.1	5.7/25.8	30603
2000 OB ₄₃	2004 07 29.0	20 34.38	-19 50.5	17.9	-1.09	+ 1.5	0.5/28.9	62304
2002 CR ₁₈₂	2004 07 29.0	20 34.39	-22 16.3	21.1	-0.87	- 3.1	1.2/28.3	48208
2000 WP ₁₆₄	2004 07 29.0	20 34.41	-24 57.5	19.3	-0.81	- 5.0	1.8/27.5	50508
2003 BN ₅₅	2004 07 29.0	20 34.47	-14 55.3	20.2	-1.00	- 5.2	1.5/30.0	50741
2000 QV ₁₄₇	2004 07 29.0	20 34.50	-40 03.0	17.3	-1.45	+12.1	11.0/28.6	5017
2000 QQ ₂₂	2004 07 29.0	20 34.51	-20 51.4	17.2	-0.65	- 3.8	1.2/28.6	47912
1999 RC ₆₈	2004 07 29.0	20 34.53	-30 35.0	19.9	-1.02	+ 0.2	3.9/26.9	19447
2001 SE ₁₅₁	2004 07 29.0	20 34.58	-09 54.6	18.1	-0.83	- 3.9	4.8/31.1	48099
2000 QU ₇₁	2004 07 29.0	20 34.61	-22 48.2	17.5	-0.98	+ 1.0	2.0/28.4	62305
2000 HK ₄₆	2004 07 29.0	20 34.61	-05 26.5	18.5	-0.91	- 2.8	6.4/31.9	47888
1999 BV ₈	2004 07 29.0	20 34.63	-15 47.2	20.1	-0.95	- 4.8	1.0/29.7	47764
2001 ST ₂₅₄	2004 07 29.0	20 34.64	-37 07.7	17.7	-1.08	- 4.6	9.4/24.5	25992
2000 QM ₁₁₅	2004 07 29.1	20 34.58	-13 27.9	17.8	-0.85	+ 0.5	2.8/30.0	6300
2002 GD	2004 07 29.1	20 34.63	-07 48.3	19.8	-0.75	- 4.1	3.2/31.6	48226
1997 SV ₁₆	2004 07 29.1	20 34.65	-15 58.2	21.2	-0.98	- 3.6	1.0/29.7	47715
2000 HW ₉	2004 07 29.1	20 34.66	-31 58.9	17.9	-1.02	- 4.8	6.4/26.0	47886
2003 FL ₇₄	2004 07 29.1	20 34.67	-25 01.0	18.7	-0.81	- 6.9	2.3/27.5	50756
2000 UO ₈₇	2004 07 29.1	20 34.70	-27 05.4	19.6	-0.83	- 4.6	2.5/27.1	47981
2000 PA ₂₄	2004 07 29.1	20 34.71	-16 30.7	18.7	-0.87	- 3.3	1.0/29.6	47909
2001 SD ₂	2004 07 29.1	20 34.76	-21 52.5	19.8	-1.09	- 2.5	1.3/28.5	48082
2001 SN ₂₆₁	2004 07 29.1	20 34.80	-10 15.8	18.6	-1.08	- 1.2	3.8/30.0	25993
2000 UZ ₆₉	2004 07 29.1	20 34.81	-05 26.1	17.7	-0.83	- 1.2	5.5/31.8	47980
2000 TT ₂₃	2004 07 29.1	20 34.83	-19 32.8	20.0	-0.88	- 3.3	0.3/29.0	47971
2001 SX ₆₅	2004 07 29.1	20 34.87	-12 21.4	19.8	-0.96	- 5.4	2.4/30.6	23723
2001 WQ ₁₃	2004 07 29.1	20 34.92	-12 47.0	18.0	-0.84	- 7.5	2.7/30.7	48156
2001 YB ₉₆	2004 07 29.1	20 34.96	-26 17.7	20.1	-0.93	- 2.9	2.5/27.6	48180
1999 JE ₇	2004 07 29.1	20 34.97	-34 56.6	19.3	-1.01	- 5.7	5.6/25.2	50407
1997 WL ₃₁	2004 07 29.1	20 34.98	-16 23.9	18.7	-1.00	- 4.6	1.0/29.7	30257
2001 TL ₂₂₅	2004 07 29.1	20 35.00	-24 00.6	19.8	-1.02	- 3.6	2.0/28.1	48131
1999 XH ₁₆	2004 07 29.2	20 34.98	-35 49.2	19.8	-1.28	- 7.1	7.6/25.0	42916
2000 UW ₁	2004 07 29.2	20 35.00	-68 53.4	19.1	-1.96	- 7.6	15.3/10.0	62311
2000 GX ₈₅	2004 07 29.2	20 35.07	-08 10.5	19.1	-1.01	- 4.0	4.6/31.5	50471
2001 VQ ₁₁₉	2004 07 29.2	20 35.08	-26 18.1	17.7	-0.97	- 2.6	3.9/27.6	48155
2001 SW ₃₀	2004 07 29.2	20 35.10	-18 48.4	19.6	-1.03	- 4.4	0.0/29.2	48086
2001 VC ₂₄	2004 07 29.2	20 35.11	-25 24.0	18.4	-0.99	- 3.7	3.3/27.8	30533
2001 XN ₉₈	2004 07 29.2	20 35.14	-13 10.0	18.5	-1.01	- 0.2	2.5/30.0	47007
2002 CO ₂₄₂	2004 07 29.2	20 35.18	-05 10.7	19.5	-0.77	- 4.0	4.3/01.4	48211
2001 TH ₁	2004 07 29.2	20 35.21	-15 27.8	20.6	-1.01	- 4.2	1.2/29.9	26001
2001 TC ₃₂	2004 07 29.2	20 35.22	-04 23.2	18.6	-1.00	- 0.2	6.4/31.7	30473
2000 QW ₂₀₇	2004 07 29.2	20 35.23	-22 13.7	19.7	-0.97	- 3.2	1.4/28.5	47928
2000 UJ ₄₄	2004 07 29.2	20 35.24	-26 51.4	19.0	-0.82	- 2.8	2.3/27.5	30414
1999 RM ₈₃	2004 07 29.2	20 35.25	-32 44.9	19.1	-0.93	- 1.5	4.6/26.4	47790

1999 BM ₂₉	2004 07 29.2	20 35.27	-19 30.7	20.5	-1.01	- 2.9	0.3/29.1	47765
2002 AO ₄	2004 07 29.2	20 35.28	-50 28.5	20.2	-1.20	- 5.7	8.5/20.2	30603
2001 SB ₂₂₀	2004 07 29.2	20 35.29	-24 14.2	20.1	-1.06	- 3.5	2.1/28.1	48104
2000 QM ₁₁	2004 07 29.2	20 35.32	-21 40.5	18.6	-1.06	0.0	1.3/28.8	47910
2000 QQ ₂₀₃	2004 07 29.2	20 35.33	-20 19.5	18.9	-0.85	- 5.8	0.8/28.9	47928
2002 AK ₃	2004 07 29.2	20 35.37	-23 21.6	20.6	-0.89	- 6.6	1.4/28.1	48184
2001 XY ₁₇	2004 07 29.2	20 35.42	-11 00.8	20.3	-1.00	+ 0.7	2.7/30.5	48159
2000 XM ₁₆	2004 07 29.3	20 35.33	-25 48.4	19.9	-0.92	- 0.4	2.3/28.0	47996
2000 YA ₄₉	2004 07 29.3	20 35.36	-18 04.0	20.2	-0.79	- 2.7	0.2/29.4	47999
2000 TO ₆₃	2004 07 29.3	20 35.44	-12 34.5	18.9	-0.86	- 2.8	2.1/30.6	30410
2000 JQ ₁₆	2004 07 29.3	20 35.44	-30 20.7	18.6	-1.08	- 5.1	5.0/26.7	43366
2000 WU ₄₄	2004 07 29.3	20 35.46	-16 20.7	19.7	-0.82	- 3.5	0.8/29.8	47988
2001 YU ₁₃₆	2004 07 29.3	20 35.46	-23 22.8	20.1	-1.07	- 2.3	1.7/28.4	24029
2000 WJ ₇₂	2004 07 29.3	20 35.47	-13 55.9	17.4	-0.89	+ 1.0	2.1/30.1	47989
2000 SG ₁₈₄	2004 07 29.3	20 35.48	-03 29.3	18.2	-0.97	+ 4.0	7.2/31.1	13767
2002 EO ₁₀₂	2004 07 29.3	20 35.48	-03 17.6	21.1	-0.71	- 3.8	4.1/02.0	30060
2001 XH ₂₁₈	2004 07 29.3	20 35.50	-26 04.9	20.7	-0.95	- 2.8	2.3/27.8	47056
2001 XO ₁₅₈	2004 07 29.3	20 35.55	-08 15.0	18.6	-0.93	- 1.1	3.8/31.3	23982
1999 RH ₁₅₂	2004 07 29.3	20 35.56	-25 24.5	17.8	-0.91	- 0.4	2.3/28.1	47794
2001 TE ₁₉₀	2004 07 29.3	20 35.58	-30 31.7	19.6	-1.07	- 2.2	4.9/27.0	50565
2000 YA ₇₄	2004 07 29.3	20 35.59	-11 06.5	20.2	-0.81	- 1.1	2.3/30.8	31377
2001 SU ₂₈₈	2004 07 29.3	20 35.66	-17 36.4	18.0	-1.06	+ 0.9	0.5/29.5	40680
2001 QS ₇₅	2004 07 29.3	20 35.68	-39 14.8	17.0	-1.19	- 2.1	10.8/24.5	30459
2000 OX ₃₆	2004 07 29.3	20 35.68	-05 51.5	18.9	-0.92	- 2.0	5.0/31.9	47905
2003 GP ₁₅	2004 07 29.3	20 35.79	-19 21.9	19.0	-0.94	- 2.2	0.3/29.3	50760
1998 WY ₇	2004 07 29.3	20 35.81	-31 04.6	18.2	-1.16	- 6.5	5.7/26.3	47757
2001 XV ₂	2004 07 29.3	20 35.81	-50 33.6	19.7	-1.26	+ 1.5	8.6/23.7	48159
2000 QU ₁₃₅	2004 07 29.4	20 35.73	-21 00.6	19.1	-0.97	- 6.5	0.9/28.8	47922
2001 UU ₃₈	2004 07 29.4	20 35.76	-07 51.3	18.8	-0.85	- 5.4	5.5/01.1	27270
2000 QO ₁₈₆	2004 07 29.4	20 35.78	-38 45.3	18.9	-1.21	+ 1.9	9.0/26.0	50484
2001 WP ₂₈	2004 07 29.4	20 35.78	-20 26.5	19.4	-1.02	- 5.1	0.7/29.0	46934
1999 FZ ₃	2004 07 29.4	20 35.79	-20 18.7	21.3	-0.99	- 3.6	0.6/29.1	47772
1998 XA ₄₇	2004 07 29.4	20 35.83	-16 10.8	18.3	-1.06	- 2.3	1.0/29.9	47760
2000 SH ₇₄	2004 07 29.4	20 35.83	-47 00.6	17.8	-1.12	- 2.5	13.8/21.2	47947
2000 SX ₁₄₁	2004 07 29.4	20 35.85	+03 32.8	20.0	-0.89	- 1.0	8.0/02.5	7577
2003 BJ ₈₀	2004 07 29.4	20 35.86	-17 30.2	17.6	-0.83	- 6.8	8.6/19.0	62441
2001 YG ₉₆	2004 07 29.4	20 35.88	-29 31.5	19.6	-0.98	- 5.0	3.7/26.8	26105
1981 ER ₄₁	2004 07 29.4	20 35.88	-55 26.6	18.8	-1.50	+ 4.5	13.2/24.5	50366
2002 CL ₅₇	2004 07 29.4	20 35.91	-03 51.4	20.6	-0.71	- 5.1	3.9/02.2	30647
1997 YQ ₁₅	2004 07 29.4	20 35.93	-16 03.3	18.8	-0.96	- 0.3	1.0/30.0	50380
2001 XV	2004 07 29.4	20 35.94	-22 09.2	19.0	-0.78	- 4.1	0.9/28.6	48159
1999 TL ₁₁₁	2004 07 29.4	20 35.97	-13 24.3	19.3	-0.81	- 2.2	1.7/30.5	10909
2001 UD ₂₂₁	2004 07 29.4	20 36.00	-15 13.5	20.0	-1.01	- 3.1	1.4/30.0	35566
2001 XA ₂₃₀	2004 07 29.4	20 36.00	-20 57.9	18.5	-0.93	- 3.5	1.1/29.0	48173
2000 QC ₂₂₄	2004 07 29.4	20 36.04	-16 09.1	19.4	-0.90	- 2.4	0.9/30.0	30377
1998 BV ₈	2004 07 29.4	20 36.06	-23 48.9	19.5	-0.97	- 4.2	1.8/28.3	47722
2000 SN ₂₇₈	2004 07 29.4	20 36.06	-34 31.5	19.1	-0.93	- 2.9	5.0/25.9	47964
2000 RF ₁₀₁	2004 07 29.4	20 36.07	+01 46.8	18.2	-0.90	+ 0.8	8.2/02.0	27699
2001 TB ₁₈₉	2004 07 29.4	20 36.09	-22 11.4	18.3	-1.01	- 1.3	1.8/28.8	40786
2001 SW ₁₆₄	2004 07 29.4	20 36.14	-28 24.4	19.8	-1.13	- 3.3	4.1/27.4	46659
2000 QV ₆₄	2004 07 29.4	20 36.19	-28 51.7	18.9	-0.94	- 4.6	3.8/27.1	47915

2001 TT ₄₄	2004 07 29.5	20 36.13	-22 29.7	18.6	-1.06	- 2.2	1.7/28.8	48117
2002 CE ₁₂₀	2004 07 29.5	20 36.14	-17 24.9	19.3	-0.84	- 4.1	0.4/29.8	48205
1999 RN ₁₇₆	2004 07 29.5	20 36.15	-12 45.7	19.0	-0.79	- 3.3	2.0/30.8	38804
2001 UG ₁₃₆	2004 07 29.5	20 36.17	-29 21.6	19.5	-1.03	- 4.5	4.1/27.1	48142
2002 CF ₂₀₂	2004 07 29.5	20 36.18	-22 52.3	19.2	-0.86	- 3.2	1.4/28.6	31970
1994 YJ ₃	2004 07 29.5	20 36.18	-18 49.3	20.3	-1.01	- 3.0	0.1/29.5	27582
2001 SE ₁₄	2004 07 29.5	20 36.18	-28 08.0	18.8	-1.13	- 2.5	3.8/27.7	48083
2001 KV ₂	2004 07 29.5	20 36.19	-54 42.5	20.0	-1.72	- 9.8	15.3/17.9	48031
1999 RO ₁₈	2004 07 29.5	20 36.32	-20 38.6	17.7	-0.88	- 0.2	0.8/29.2	47787
2002 AJ ₃₉	2004 07 29.5	20 36.37	-16 15.7	19.2	-0.88	- 9.7	0.9/30.0	48186
2000 LU ₉	2004 07 29.5	20 36.41	-16 27.6	17.8	-0.99	- 3.4	0.9/30.0	41656
2000 SO ₁₆₁	2004 07 29.5	20 36.43	-21 00.8	18.7	-0.89	- 4.7	1.0/29.0	47954
2001 WQ ₇	2004 07 29.5	20 36.45	-17 16.7	20.2	-0.93	- 5.2	0.5/29.9	46925
2000 UE ₄₈	2004 07 29.5	20 36.46	-17 41.7	19.1	-0.83	- 4.0	0.3/29.8	47978
1997 WC ₃₆	2004 07 29.5	20 36.49	-31 55.5	18.6	-1.10	- 5.8	6.0/26.2	47719
2003 FF ₉₂	2004 07 29.5	20 36.52	-04 47.0	20.1	-0.83	- 5.9	4.8/02.1	50757
2001 XB ₁₇₂	2004 07 29.5	20 36.54	-15 48.7	19.9	-0.94	- 2.9	1.0/30.0	29739
2002 AR ₁₈₂	2004 07 29.5	20 36.57	-28 10.3	18.3	-1.12	+ 0.2	3.4/28.0	30627
2000 SG ₃₀₆	2004 07 29.5	20 36.59	-23 06.7	19.8	-1.01	- 1.2	1.6/28.7	7599
2000 SN ₇₃	2004 07 29.6	20 36.55	-41 14.1	18.1	-1.05	- 2.1	9.7/24.4	47946
1999 TH ₂₈₇	2004 07 29.6	20 36.57	-58 41.1	19.3	-2.03	+ 7.2	21.6/25.3	13616
2001 RE ₁₃₇	2004 07 29.6	20 36.57	-21 30.7	19.3	-1.05	- 6.3	1.2/28.9	48080
2003 BR ₇₂	2004 07 29.6	20 36.75	-25 44.0	19.6	-1.04	- 4.4	2.6/28.1	47287
2000 YQ ₂₇	2004 07 29.6	20 36.76	-17 08.6	21.3	-0.87	- 1.3	0.4/29.9	13800
2002 AT ₃₉	2004 07 29.6	20 36.76	-18 14.1	20.2	-0.75	- 6.6	0.1/29.7	50585
2003 HJ ₁	2004 07 29.6	20 36.78	-04 04.0	20.6	-0.76	- 3.0	4.5/02.0	50761
2001 TF ₂₃₇	2004 07 29.6	20 36.83	-22 00.6	19.0	-1.02	- 5.8	1.3/28.9	46774
2001 TY ₁₄₄	2004 07 29.6	20 36.84	-24 34.4	19.3	-0.98	- 6.5	3.0/28.2	48125
2000 SZ ₂	2004 07 29.6	20 36.84	+02 28.5	19.8	-0.85	- 4.1	8.6/03.5	62308
2001 TK ₁₅₉	2004 07 29.6	20 36.92	-15 11.5	20.5	-0.95	- 3.7	1.2/30.4	50564
2003 EG ₅₀	2004 07 29.6	20 36.92	-42 43.6	19.7	-1.17	- 0.7	8.2/24.9	50752
2000 WG ₇₂	2004 07 29.6	20 36.93	-01 00.9	20.1	-0.76	- 1.0	4.6/02.3	29556
1995 WJ ₄	2004 07 29.6	20 36.94	-28 02.5	19.1	-0.86	- 4.2	2.7/27.5	47700
2003 EV ₁₇	2004 07 29.6	20 36.95	-23 49.5	20.5	-0.96	- 4.6	1.8/28.5	47332
2001 VS ₁₃	2004 07 29.6	20 36.95	-16 33.3	18.8	-1.04	+ 0.2	1.0/30.0	48147
2001 XV ₁₈₁	2004 07 29.6	20 36.96	-20 22.4	19.9	-0.85	- 4.8	0.6/29.3	26084
2001 TB ₅₉	2004 07 29.6	20 36.96	-08 00.9	19.7	-0.99	- 3.8	4.5/31.9	48118
1993 UO ₆	2004 07 29.6	20 36.99	-30 47.5	19.8	-1.06	- 5.2	4.8/26.8	47690
1997 TK ₂₇	2004 07 29.7	20 36.90	-16 32.9	19.5	-0.96	- 5.1	0.8/30.0	25694
2000 RE ₉₉	2004 07 29.7	20 36.94	+01 04.3	18.2	-0.89	- 0.2	8.3/02.3	47939
2000 XD ₃₆	2004 07 29.7	20 36.94	-23 39.2	19.6	-0.88	0.0	1.4/28.8	47997
2001 XA ₁₃₈	2004 07 29.7	20 36.96	-33 38.6	19.6	-0.99	- 7.5	5.5/25.7	47023
2002 CC ₃₀₀	2004 07 29.7	20 37.01	-17 04.1	20.0	-0.85	- 3.1	0.5/30.0	29916
2000 SS ₃₁₈	2004 07 29.7	20 37.03	-03 09.6	20.3	-0.74	- 1.2	3.6/01.9	33274
1999 RQ ₁₅	2004 07 29.7	20 37.05	-45 51.4	19.2	-1.93	+ 4.8	13.3/26.3	47787
2002 CW ₃₆	2004 07 29.7	20 37.08	-20 45.0	19.1	-0.86	- 7.6	0.8/29.2	31448
2000 GP ₁	2004 07 29.7	20 37.10	-31 11.5	19.3	-1.17	- 3.0	5.0/27.3	43359
2001 XS ₁₁₄	2004 07 29.7	20 37.12	-28 14.2	19.6	-0.96	- 3.0	3.4/27.7	47014
2000 UR ₉₃	2004 07 29.7	20 37.16	-22 21.1	18.4	-0.92	- 1.4	1.4/29.0	27738
2002 AR ₁₈₁	2004 07 29.7	20 37.17	-31 38.6	18.3	-1.11	- 0.2	4.6/27.5	50588
2000 DE ₃₆	2004 07 29.7	20 37.21	-14 31.6	20.5	-1.02	- 5.9	1.8/30.7	47856

2321 T-2	2004 07 29.7	20 37.23	-15 00.7	19.4	-0.94	- 4.6	1.8/30.0	30228
2001 TN ₁₈	2004 07 29.7	20 37.23	-30 06.3	20.1	-1.11	- 4.0	4.7/27.2	46701
2000 SQ ₁₂	2004 07 29.7	20 37.29	-20 15.8	18.7	-0.93	- 5.6	0.6/29.4	27701
1999 JF ₂₂	2004 07 29.7	20 37.31	-25 49.5	18.4	-1.02	- 2.2	2.4/28.3	47778
1997 SG ₆	2004 07 29.8	20 37.30	-28 13.5	18.9	-1.10	- 2.0	4.4/27.9	47714
2001 XK ₂₃₆	2004 07 29.8	20 37.36	-26 42.6	18.5	-0.94	- 3.1	4.1/28.0	26092
2001 XV ₆₄	2004 07 29.8	20 37.41	-14 05.3	19.9	-0.94	- 3.0	1.7/30.7	48163
2001 TS ₁₉₀	2004 07 29.8	20 37.43	-15 46.7	19.2	-0.98	- 1.6	1.3/30.4	46765
1998 HK	2004 07 29.8	20 37.48	+20 35.4	19.9	-1.05	- 4.9	16.9/10.8	41536
2000 OW ₅₃	2004 07 29.8	20 37.56	-23 12.2	18.5	-1.04	+ 1.7	1.9/29.1	47907
2001 XU ₉₇	2004 07 29.8	20 37.56	-07 10.7	19.0	-0.90	- 0.9	3.7/01.0	48165
2000 SH ₃₁₅	2004 07 29.8	20 37.60	-10 31.3	18.0	-0.97	+ 2.0	3.4/31.1	47967
1999 SM ₁₂	2004 07 29.8	20 37.62	-05 22.2	18.2	-0.72	- 9.6	4.9/02.7	1469
2000 GV ₆₉	2004 07 29.8	20 37.64	-33 29.2	17.2	-1.05	- 2.2	7.4/26.7	50471
2001 YK ₁₂₀	2004 07 29.8	20 37.65	-23 30.4	18.7	-1.02	- 7.7	2.1/28.6	26109
2000 FA ₂₉	2004 07 29.8	20 37.69	-18 40.4	17.9	-1.06	- 2.8	10.5/19.0	41623
2003 BJ ₂₅	2004 07 29.8	20 37.73	-11 31.1	18.3	-0.98	- 0.7	2.6/31.2	50739
2002 XV ₄₅	2004 07 29.8	20 37.73	+09 23.3	18.3	-1.27	+ 4.9	14.0/02.6	50721
2003 DT ₁₇	2004 07 29.8	20 37.76	-16 13.7	18.9	-1.00	- 0.2	0.8/30.3	48329
2002 AD ₁₄₉	2004 07 29.8	20 37.76	-19 17.7	20.4	-0.97	- 3.2	0.3/29.7	31441
2003 FZ ₃	2004 07 29.8	20 37.79	-53 52.9	19.3	-1.42	- 0.3	12.2/21.9	48341
2001 TE ₁₆₁	2004 07 29.9	20 37.74	-05 20.0	19.5	-0.95	- 3.9	6.1/01.8	23833
1995 TH ₁₀	2004 07 29.9	20 37.74	-17 05.3	19.5	-0.86	- 3.0	0.5/30.2	47698
2001 SR ₃₆	2004 07 29.9	20 37.77	-27 19.1	19.0	-1.09	- 3.0	3.5/28.1	50553
2001 XF ₁₉₆	2004 07 29.9	20 37.81	-15 12.5	20.4	-0.88	- 1.7	1.0/30.6	30583
2000 SJ ₃₆₀	2004 07 29.9	20 37.83	-26 20.6	18.8	-0.91	- 8.5	2.8/27.8	30407
2002 BQ ₄	2004 07 29.9	20 37.84	-42 24.2	20.0	-1.12	- 2.6	7.5/24.4	30630
2001 YK ₁₂₉	2004 07 29.9	20 37.85	-34 49.5	18.2	-0.97	- 6.8	6.3/25.6	47111
2001 YL ₉₁	2004 07 29.9	20 37.91	-13 19.0	20.3	-0.96	- 0.3	1.7/30.9	30598
2000 WD ₃₈	2004 07 29.9	20 37.91	-28 07.2	20.1	-0.83	- 5.3	2.9/27.5	47988
2001 ON ₄₂	2004 07 29.9	20 37.91	-19 10.8	17.8	-1.02	- 1.4	12.1/10.0	43399
2002 CH ₁₂₁	2004 07 29.9	20 37.93	-16 49.4	20.5	-0.82	- 3.9	0.5/30.3	48205
2001 XC ₄₁	2004 07 29.9	20 37.94	-29 35.5	19.1	-1.00	- 1.7	3.7/27.7	48161
3388 T-3	2004 07 29.9	20 37.99	-43 46.5	20.0	-1.27	- 0.2	12.4/24.7	23406
2001 SY ₂₄₉	2004 07 29.9	20 38.04	-30 36.0	19.5	-1.09	- 3.7	4.7/27.3	46675
2000 SY ₂₁₉	2004 07 29.9	20 38.10	-09 15.4	17.9	-0.78	- 7.1	3.7/01.4	47960
2001 XH ₂₃₉	2004 07 29.9	20 38.10	-23 43.0	18.0	-1.08	- 3.7	2.3/28.9	30590
2001 UJ ₁₀₆	2004 07 30.0	20 38.08	-18 29.6	18.9	-1.03	- 5.1	3.1/25.0	30518
2001 TM ₁₁₁	2004 07 30.0	20 38.13	-08 45.5	17.6	-1.00	- 1.8	4.8/31.8	23820
2002 CK ₇₃	2004 07 30.0	20 38.15	-20 35.3	19.9	-0.87	- 2.9	0.8/29.6	48201
2001 TZ ₁₀₆	2004 07 30.0	20 38.16	-09 04.2	18.0	-0.98	- 1.1	4.0/31.7	46745
1999 RF ₁₆	2004 07 30.0	20 38.18	-27 31.5	19.2	-0.95	+ 0.3	3.3/28.4	34768
2001 VE ₅₂	2004 07 30.0	20 38.19	-08 56.5	18.6	-0.96	- 2.3	3.9/31.9	48151
1999 RO ₂₁₁	2004 07 30.0	20 38.23	+21 05.8	18.8	-0.73	- 2.6	11.9/09.6	47797
2000 EH ₃₈	2004 07 30.0	20 38.25	-25 12.9	17.6	-1.13	- 0.7	3.1/28.9	41611
2001 SK ₁₇₉	2004 07 30.0	20 38.26	-26 33.2	18.8	-1.00	- 7.1	3.5/28.0	46662
2000 WX ₁₃₀	2004 07 30.0	20 38.40	-06 46.4	19.9	-0.76	- 2.1	3.3/01.6	47992
2001 TM ₁₀₁	2004 07 30.0	20 38.44	-23 28.7	19.9	-1.06	- 5.2	1.9/28.9	49933
2002 AK ₂₀₀	2004 07 30.0	20 38.45	-33 37.1	19.9	-0.87	- 7.1	4.1/26.0	47159
1999 EP ₁₃	2004 07 30.0	20 38.47	-09 28.7	18.6	-0.79	-11.3	4.0/01.9	47772
2000 WE ₁₇₄	2004 07 30.0	20 38.47	-39 38.3	18.7	-0.93	- 6.6	6.4/24.2	50509

2000 PF ₁₂	2004 07 30.0	20 38.48	-31 07.8	17.6	-0.79	-12.3	5.8/25.9	62304
2000 SV ₃₁₇	2004 07 30.0	20 38.49	+00 17.2	17.5	-0.95	+ 4.0	8.9/01.5	20826
2000 UU ₁₀₀	2004 07 30.0	20 38.49	-36 07.6	19.8	-0.94	- 2.7	5.6/26.1	47982
2003 FK ₉₃	2004 07 30.0	20 38.51	-14 35.6	20.2	-0.86	- 5.1	1.3/31.0	62444
2001 VN ₅₃	2004 07 30.0	20 38.52	-12 22.3	18.7	-1.03	- 1.6	2.6/31.2	30540
2001 XS ₁₅₂	2004 07 30.0	20 38.53	-16 11.8	19.5	-1.00	- 4.7	1.0/30.6	48168
2002 AA ₁₆	2004 07 30.1	20 38.50	-27 12.2	21.8	-0.81	- 7.2	2.0/27.8	30605
2000 ER ₁₃₃	2004 07 30.1	20 38.52	-21 28.7	17.3	-0.95	- 8.9	1.4/29.3	47869
2001 UQ ₇₂	2004 07 30.1	20 38.57	-28 16.2	19.5	-1.03	- 7.3	3.4/27.6	23866
2001 YR ₁₁₁	2004 07 30.1	20 38.59	-31 08.9	18.6	-0.86	- 3.7	4.1/27.2	50583
2002 AP ₂₆	2004 07 30.1	20 38.59	-22 02.2	19.5	-0.97	- 2.6	1.3/29.4	30606
2000 UP ₆₂	2004 07 30.1	20 38.61	-35 17.4	19.4	-0.96	- 1.8	5.1/26.5	47979
2000 TL ₁₆	2004 07 30.1	20 38.66	-37 13.4	20.2	-1.10	- 2.9	8.2/25.6	47971
1999 RH ₁₉₀	2004 07 30.1	20 38.68	-00 25.1	20.1	-0.77	- 3.7	5.9/03.3	47796
2002 BK ₅	2004 07 30.1	20 38.68	-42 00.5	20.7	-1.41	+ 2.4	7.3/26.4	48195
2000 US ₈₁	2004 07 30.1	20 38.74	-27 49.8	18.7	-0.91	- 4.5	3.0/27.9	31919
2002 FV ₁	2004 07 30.1	20 38.74	-50 21.8	18.5	-1.09	- 2.3	8.7/22.0	30088
1999 OE	2004 07 30.1	20 38.75	-17 29.4	18.0	-0.79	- 8.2	0.3/30.4	62242
2001 XR ₁₇₁	2004 07 30.1	20 38.76	-16 19.1	19.7	-0.91	- 2.7	0.8/30.6	48169
2000 SN ₈₄	2004 07 30.1	20 38.77	-20 08.7	18.3	-0.89	- 4.5	0.7/29.8	47948
2001 XU ₈₃	2004 07 30.1	20 38.80	+02 26.5	18.6	-0.92	- 1.3	8.3/03.3	50578
1993 PC ₃	2004 07 30.1	20 38.81	-12 23.8	17.0	-0.83	- 0.1	3.3/31.3	47687
1999 TD ₁₆	2004 07 30.1	20 38.83	-27 58.5	18.4	-0.86	- 2.3	3.0/28.1	47800
2000 QY ₁₀₂	2004 07 30.1	20 38.83	-22 44.1	18.5	-0.88	- 5.8	1.4/29.1	47920
2002 CP ₃₇	2004 07 30.1	20 38.86	-27 21.6	20.4	-1.03	- 0.5	2.9/28.5	30643
1999 TJ ₂₃₃	2004 07 30.1	20 38.87	+27 33.0	19.3	-0.95	- 1.7	23.4/15.1	47812
2003 BR ₁₉	2004 07 30.1	20 38.88	-28 34.2	19.3	-1.08	- 6.5	4.4/27.7	62441
2001 XB ₈₈	2004 07 30.2	20 38.84	-22 56.6	20.4	-0.79	- 3.8	1.2/29.2	50578
2000 WJ ₉₁	2004 07 30.2	20 38.88	-06 47.4	19.0	-0.82	- 1.4	4.0/01.6	50506
2002 AO ₁₂₀	2004 07 30.2	20 38.90	-19 45.2	18.9	-0.93	-13.8	0.5/29.8	30618
2001 VA ₄₄	2004 07 30.2	20 38.91	-31 03.0	19.5	-1.00	- 5.5	4.7/27.1	46884
2000 YL ₁₁₅	2004 07 30.2	20 38.91	-22 02.0	19.2	-0.72	- 6.3	1.0/29.3	50515
2001 YA ₁₅₆	2004 07 30.2	20 38.91	-25 32.6	19.8	-1.07	+ 0.4	2.5/29.0	48183
1997 YJ ₁₄	2004 07 30.2	20 38.93	-18 35.8	20.0	-0.95	- 2.7	0.1/30.2	47721
2001 TN ₅₇	2004 07 30.2	20 38.95	-09 57.0	18.3	-0.92	- 4.2	4.2/01.1	23802
2001 UC ₁₂	2004 07 30.2	20 38.95	-04 43.6	18.0	-0.91	- 2.7	6.3/02.1	48133
1998 FK ₉₃	2004 07 30.2	20 38.97	-24 47.3	19.2	-0.97	- 5.1	2.0/28.7	30266
2002 CR ₇₁	2004 07 30.2	20 38.98	-25 11.2	19.3	-0.89	- 1.2	2.1/28.9	27836
2003 EA ₂₃	2004 07 30.2	20 38.99	-19 33.3	18.5	-0.86	- 5.1	0.4/30.0	50750
2000 SK ₃₈	2004 07 30.2	20 38.99	-24 06.0	19.4	-0.93	- 3.3	2.0/29.0	47943
2001 XT ₁₈₈	2004 07 30.2	20 38.99	-18 43.9	20.4	-0.93	- 4.6	0.1/30.2	50580
2000 QY ₁₇₁	2004 07 30.2	20 39.00	-29 25.3	18.3	-1.08	+ 1.4	4.5/28.5	50484
1999 JS ₉₄	2004 07 30.2	20 39.00	-10 26.5	18.2	-0.77	-10.8	3.2/01.6	49664
2000 YL ₁₃₃	2004 07 30.2	20 39.03	+07 21.5	21.2	-0.68	- 3.9	5.8/05.8	14418
2000 GL ₁₂₈	2004 07 30.2	20 39.06	-05 49.8	19.6	-0.95	- 5.3	5.5/02.3	47883
2000 HN ₉₆	2004 07 30.2	20 39.07	-29 37.3	19.1	-1.15	- 2.5	4.5/28.1	43365
1291 T-2	2004 07 30.2	20 39.09	-15 36.2	20.5	-0.81	- 3.1	0.8/30.9	48389
2001 XX ₂₄	2004 07 30.2	20 39.09	-28 03.1	18.5	-1.11	- 3.7	4.3/28.1	52881
2001 WS ₁₀₁	2004 07 30.2	20 39.10	-35 29.6	20.4	-0.97	- 4.0	5.0/26.2	38330
2001 XV ₇₉	2004 07 30.2	20 39.12	-16 18.3	18.6	-0.88	- 5.5	1.0/30.8	48164
2000 UE ₅₇	2004 07 30.2	20 39.12	-36 06.5	19.8	-0.96	- 2.7	5.6/26.3	47978

2002 FD ₁₄	2004 07 30.2	20 39.15	-39 51.9	21.7	-0.95	- 1.6	5.4/25.5	57854
2002 AJ ₈₂	2004 07 30.2	20 39.23	-16 57.8	17.0	-0.83	- 9.0	0.7/30.7	50586
2000 SJ ₁₂₁	2004 07 30.2	20 39.23	-15 32.0	17.9	-0.86	- 5.4	1.1/31.0	62309
2002 AC ₁₅₆	2004 07 30.2	20 39.24	-16 34.6	19.8	-0.79	- 7.3	0.6/30.8	48192
2001 SR ₆₆	2004 07 30.2	20 39.26	-33 45.3	18.6	-1.14	- 3.4	7.1/26.8	25968
2000 ST ₃₂₀	2004 07 30.2	20 39.30	-11 47.7	19.3	-0.88	- 2.6	2.4/31.7	47967
2001 SV ₂₈	2004 07 30.2	20 39.31	-27 36.8	19.7	-1.15	- 3.2	4.0/28.4	46612
2001 UJ ₃₉	2004 07 30.3	20 39.25	-31 12.0	18.9	-1.09	- 3.5	5.3/27.6	43115
2000 WV ₄₁	2004 07 30.3	20 39.28	-04 40.0	20.4	-0.75	- 2.6	4.1/02.4	47988
2001 UV ₁₃	2004 07 30.3	20 39.29	-28 16.0	18.6	-1.03	- 8.5	4.6/27.6	48133
2003 FP ₁₂₄	2004 07 30.3	20 39.35	-04 43.9	18.4	-0.77	- 4.7	4.8/02.7	62444
2002 CS ₁₁₃	2004 07 30.3	20 39.35	-21 18.9	19.2	-0.90	- 8.5	1.1/29.5	29828
2000 UH ₃₇	2004 07 30.3	20 39.36	-14 25.8	16.9	-0.68	- 4.5	2.1/31.3	13790
2000 CB ₁₁₀	2004 07 30.3	20 39.37	-22 24.9	18.2	-1.01	+ 6.0	2.4/29.9	62274
2001 UK ₁₇₄	2004 07 30.3	20 39.39	-16 44.8	18.5	-0.93	- 4.5	0.7/30.7	50571
1993 TN ₄₆	2004 07 30.3	20 39.41	-16 34.1	19.4	-0.87	- 5.6	0.9/30.8	50369
2000 RC ₂₁	2004 07 30.3	20 39.44	-14 16.0	18.8	-0.92	- 1.8	2.0/31.1	13722
2001 SG ₃₀₁	2004 07 30.3	20 39.46	-11 41.4	20.5	-0.98	- 5.2	3.1/31.9	48110
2002 FL ₂₅	2004 07 30.3	20 39.46	-26 45.7	19.4	-0.80	- 6.7	2.4/28.1	61224
2001 SE ₁₄₆	2004 07 30.3	20 39.47	-25 08.8	19.7	-1.11	- 2.2	2.7/29.0	50556
2001 SK ₁₅₀	2004 07 30.3	20 39.48	-04 40.9	20.5	-0.97	- 5.0	5.8/02.4	46653
2003 AO ₄₂	2004 07 30.3	20 39.50	-14 51.5	20.9	-0.92	- 2.6	1.0/31.1	47249
2000 WU ₇₇	2004 07 30.3	20 39.57	-41 56.9	19.0	-0.98	- 3.1	7.4/24.7	47990
1995 SV ₆₀	2004 07 30.3	20 39.58	-29 05.8	20.7	-0.93	- 2.8	3.8/28.1	62214
2001 VJ ₂₆	2004 07 30.3	20 39.60	-24 52.8	19.4	-1.03	- 3.6	2.6/29.0	46872
1999 TW ₃₄	2004 07 30.3	20 39.63	+19 12.2	19.1	-1.06	- 4.5	15.5/09.8	43354
3810 T-3	2004 07 30.3	20 39.65	-20 36.8	20.2	-0.80	- 3.2	0.6/29.9	9654
2000 SK ₁₄₀	2004 07 30.3	20 39.66	-21 22.0	18.5	-0.92	- 1.8	1.1/29.8	47953
2001 XA ₃₈	2004 07 30.3	20 39.67	-39 17.5	19.3	-1.23	- 4.4	8.3/25.2	30566
2001 SL ₉₄	2004 07 30.3	20 39.71	-21 31.1	19.2	-1.13	- 1.3	1.2/29.8	48092
2000 WO ₉₉	2004 07 30.4	20 39.64	-21 01.5	19.3	-0.86	- 2.8	0.9/29.8	30428
2003 FH ₁₆	2004 07 30.4	20 39.67	-36 53.4	18.2	-1.20	- 0.1	7.0/26.9	50180
2003 FG ₄₆	2004 07 30.4	20 39.67	-17 47.2	20.3	-0.91	- 3.8	0.2/30.5	62443
1999 TL ₃₃	2004 07 30.4	20 39.74	-35 43.1	19.7	-0.97	- 1.8	5.6/26.6	33096
2182 P-L	2004 07 30.4	20 39.76	-24 00.0	19.1	-0.86	- 2.1	2.0/29.2	62577
2000 BB ₄₂	2004 07 30.4	20 39.76	-20 48.2	19.0	-1.05	+ 0.3	1.3/30.0	47848
2000 SC ₂₉₂	2004 07 30.4	20 39.77	-36 47.9	19.1	-1.15	+ 2.8	8.0/27.8	46495
2001 TV ₁₄₉	2004 07 30.4	20 39.78	-30 04.5	18.8	-1.05	- 4.8	4.8/27.7	48126
2001 SL ₆₅	2004 07 30.4	20 39.82	-11 15.4	20.1	-0.92	- 5.5	2.8/01.1	50554
2000 SP ₂₉₉	2004 07 30.4	20 39.88	-30 02.4	19.0	-1.04	- 1.0	4.4/28.2	25250
2001 VD ₈₂	2004 07 30.4	20 39.89	-05 14.3	20.0	-0.91	- 0.8	4.3/02.0	30546
2000 QN ₂₂₉	2004 07 30.4	20 39.94	-03 58.3	18.8	-0.86	- 6.9	5.7/03.1	13718
2000 WA ₁₃₄	2004 07 30.4	20 39.99	-28 09.0	18.4	-1.07	- 1.5	4.2/28.5	13798
2002 EP ₆₉	2004 07 30.4	20 40.00	-17 08.8	21.4	-0.74	- 2.6	0.3/30.8	30012
2001 TJ ₁₈	2004 07 30.4	20 40.02	-23 40.4	19.5	-1.10	- 3.9	2.3/29.3	30473
2000 QR ₁₇₁	2004 07 30.4	20 40.03	-13 41.0	18.2	-0.85	- 1.7	2.2/31.4	27010
2003 EL ₆₀	2004 07 30.4	20 40.03	-18 01.0	19.6	-0.93	- 4.9	0.1/30.6	47389
1999 JC ₁₅	2004 07 30.4	20 40.04	-47 52.5	19.2	-1.19	- 9.7	9.8/21.0	47778
2000 OD ₆₁	2004 07 30.4	20 40.10	-11 06.1	17.6	-1.02	+ 1.8	2.9/31.6	27671
2001 WM ₁₂	2004 07 30.4	20 40.10	-17 56.0	19.6	-0.89	- 5.4	0.1/30.6	48156
2003 AD ₃₁	2004 07 30.4	20 40.10	-20 52.1	20.8	-0.98	- 2.1	0.8/30.0	50732

2000 OO ₇	2004 07 30.4	20 40.19	-36 12.0	17.4	-1.86	+11.7	8.3/29.6	29222
2000 QE ₁₈	2004 07 30.5	20 40.02	-17 14.7	19.5	-0.91	- 4.3	0.4/30.8	47911
2003 FO ₅₀	2004 07 30.5	20 40.03	-17 30.3	17.8	-0.91	- 2.0	0.4/30.7	50755
2001 SO ₂₁	2004 07 30.5	20 40.05	-09 58.2	19.3	-0.96	- 5.7	3.4/01.5	48084
2002 BU ₁₁	2004 07 30.5	20 40.10	-19 20.7	19.2	-0.88	- 0.7	0.3/30.3	27820
2001 SJ ₁₅₂	2004 07 30.5	20 40.10	-27 03.3	19.8	-1.15	- 1.9	3.7/28.8	46655
2001 VG ₁₁₉	2004 07 30.5	20 40.17	-12 24.1	21.9	-0.89	- 2.4	1.8/31.8	23927
1999 EM ₃	2004 07 30.5	20 40.20	-40 17.0	19.9	-1.18	- 1.3	7.0/26.3	50405
2822 P-L	2004 07 30.5	20 40.22	-28 25.2	20.2	-1.16	- 3.1	4.1/28.5	62577
1995 FD ₅	2004 07 30.5	20 40.24	-22 59.3	20.6	-1.01	- 3.9	1.7/29.5	47696
2003 GU ₅	2004 07 30.5	20 40.24	-31 05.3	19.6	-0.97	- 2.5	4.2/27.9	47506
2000 SH ₂₇₅	2004 07 30.5	20 40.24	-24 12.8	18.4	-0.80	- 3.8	1.7/29.2	47964
2000 OQ ₃₆	2004 07 30.5	20 40.26	-05 51.4	18.6	-0.89	- 0.5	5.9/01.9	47905
2003 CO ₉	2004 07 30.5	20 40.28	-13 02.9	19.1	-1.03	- 1.4	2.3/31.6	50744
2001 RD ₆₅	2004 07 30.5	20 40.29	-15 41.7	18.7	-1.10	- 1.2	1.2/31.0	48074
2001 UV ₅₀	2004 07 30.5	20 40.31	-16 15.0	19.1	-0.95	- 7.3	1.0/31.1	46797
2002 AB ₁₈₇	2004 07 30.5	20 40.32	-26 06.4	19.2	-1.04	- 0.6	2.7/29.1	29758
2000 WZ ₄₀	2004 07 30.5	20 40.36	+05 58.6	20.3	-0.80	- 0.8	6.9/04.5	18301
2001 UU ₃₀	2004 07 30.5	20 40.37	-07 57.0	20.4	-0.95	- 4.7	4.1/01.9	46789
1999 RE ₂₀₁	2004 07 30.5	20 40.40	-20 47.1	17.9	-0.92	+ 0.5	0.7/30.2	30313
1999 RJ ₇₅	2004 07 30.5	20 40.44	-24 16.5	18.6	-0.88	- 1.2	2.2/29.4	47789
2000 EZ ₈₅	2004 07 30.5	20 40.45	-32 22.2	18.1	-1.16	- 2.0	6.4/27.9	47866
2000 TX ₃₉	2004 07 30.5	20 40.48	-10 49.0	19.3	-0.83	- 8.3	2.8/01.6	47972
2001 YG ₈₆	2004 07 30.5	20 40.48	-24 38.8	19.2	-0.92	- 4.8	2.2/29.1	48179
1998 FT ₁₅	2004 07 30.6	20 40.44	-31 30.6	20.7	-0.99	- 1.6	4.0/27.9	47725
2000 VS ₄₉	2004 07 30.6	20 40.44	-26 12.1	19.5	-0.81	- 3.3	2.2/28.8	35536
1999 VL ₄₃	2004 07 30.6	20 40.54	-21 48.9	19.5	-0.84	- 2.6	1.3/29.9	47820
2002 AT ₁₇₀	2004 07 30.6	20 40.54	-24 11.6	20.1	-0.98	- 6.6	2.2/29.2	30625
2001 QZ ₂₆₁	2004 07 30.6	20 40.59	-18 14.9	17.8	-1.13	+ 0.9	0.0/30.7	50547
1999 TK ₂₀₇	2004 07 30.6	20 40.64	+00 32.3	16.8	-1.40	+ 5.9	9.3/01.6	62246
2002 CW ₁₄₄	2004 07 30.6	20 40.65	-08 56.0	19.4	-0.75	- 5.4	3.0/02.0	47180
2001 XL ₂₄₉	2004 07 30.6	20 40.66	-16 22.4	20.0	-0.75	- 4.2	0.5/31.1	49945
2000 GE ₆₀	2004 07 30.6	20 40.66	-22 42.2	19.2	-1.02	- 3.0	2.1/29.8	27662
2002 AR ₄₀	2004 07 30.6	20 40.67	-16 23.0	20.3	-0.84	- 4.6	0.7/31.1	47130
2003 HE ₅₀	2004 07 30.6	20 40.68	+15 28.8	20.0	-0.73	- 2.9	10.4/09.0	47568
1999 TY ₁₁₇	2004 07 30.6	20 40.69	-09 03.5	18.9	-0.80	- 2.1	3.2/01.6	33101
2001 SD ₂₈₃	2004 07 30.6	20 40.70	-49 55.9	16.1	-1.16	0.0	16.3/22.1	48109
1999 TY ₂₅₀	2004 07 30.6	20 40.75	+01 26.0	18.5	-0.81	- 0.3	6.5/03.5	2671
1999 TO ₃₀₀	2004 07 30.6	20 40.78	-04 52.2	20.6	-0.71	- 4.3	3.8/03.1	52520
2000 JK ₇₇	2004 07 30.6	20 40.81	-24 24.3	19.9	-1.05	- 3.9	2.6/29.4	41651
2003 FL ₁₀₇	2004 07 30.6	20 40.83	-01 39.5	19.9	-0.81	- 4.6	5.1/03.8	50758
2000 KZ ₈₁	2004 07 30.6	20 40.83	-21 06.6	17.6	-1.04	- 1.5	1.3/30.2	47899
2003 EE ₂₃	2004 07 30.6	20 40.84	-23 20.0	20.0	-1.02	- 4.3	1.8/29.6	62443
2001 VX ₁	2004 07 30.7	20 40.84	-25 36.3	20.5	-0.97	- 3.1	2.3/29.2	46858
2003 JE ₁₁	2004 07 30.7	20 40.84	-29 36.7	19.2	-0.94	- 1.3	3.5/28.4	47577
2001 VL ₃₉	2004 07 30.7	20 40.85	-10 20.9	20.1	-1.04	- 3.7	3.3/01.3	30537
2001 XJ	2004 07 30.7	20 40.85	-58 29.1	20.7	-1.54	- 1.5	10.5/20.1	26063
2001 RB ₈₀	2004 07 30.7	20 40.89	-16 49.9	18.6	-1.04	- 2.8	0.6/31.0	48075
2001 SQ ₂₄₆	2004 07 30.7	20 40.93	-30 30.3	19.5	-1.09	- 3.0	4.8/28.2	48107
2000 QT ₁₁₂	2004 07 30.7	20 40.96	-05 08.3	19.2	-0.81	- 8.9	5.1/03.4	26998
2002 XV ₇₈	2004 07 30.7	20 40.98	+00 37.7	19.0	-1.35	+ 5.1	9.2/01.7	41354

2000 SQ ₁₄	2004 07 30.7	20 40.98	-04 10.8	19.0	-0.90	- 1.1	4.8/02.5	47940
2000 UH ₁₅	2004 07 30.7	20 40.99	-38 12.9	18.6	-1.00	- 6.8	7.9/25.0	18299
2001 XX ₂₄₈	2004 07 30.7	20 41.00	-46 37.1	18.3	-0.91	-23.3	13.2/17.6	23298
2000 SH ₁₇₃	2004 07 30.7	20 41.00	-04 29.2	17.4	-0.95	+ 3.6	6.5/01.6	6382
2000 VX ₄₇	2004 07 30.7	20 41.00	-17 21.8	19.4	-0.83	- 4.0	0.3/31.0	47986
2001 XC ₂₃₄	2004 07 30.7	20 41.01	-23 54.6	20.7	-0.96	- 4.0	1.9/29.5	26092
2000 SD ₁₃₁	2004 07 30.7	20 41.04	-00 14.3	19.2	-0.88	- 1.1	6.0/03.3	30394
2002 CC ₁₆₈	2004 07 30.7	20 41.05	-31 18.5	19.9	-0.95	- 1.4	4.0/28.1	29852
2000 QZ ₉₄	2004 07 30.7	20 41.05	-22 24.7	19.0	-0.96	- 1.6	1.7/29.9	50482
2001 SO ₂₈₇	2004 07 30.7	20 41.06	-14 49.4	17.9	-0.76	- 9.7	1.8/31.8	48110
1168 T-1	2004 07 30.7	20 41.08	-06 10.1	21.7	-0.73	- 3.3	3.0/02.6	34057
1993 RQ ₁₆	2004 07 30.7	20 41.09	-33 59.2	19.0	-0.97	- 0.3	6.0/27.6	47688
2000 OG ₂₀	2004 07 30.7	20 41.13	-10 52.7	18.6	-1.00	- 1.9	3.0/01.2	47904
2001 UF ₃₅	2004 07 30.7	20 41.14	-21 25.1	19.3	-0.98	- 7.0	1.2/30.0	48135
1999 GT	2004 07 30.7	20 41.15	-12 40.4	20.2	-0.91	- 3.9	1.9/01.0	47775
2003 HH ₅₂	2004 07 30.7	20 41.18	-31 54.2	18.7	-0.84	- 6.3	4.3/27.1	50201
2003 DJ ₁₅	2004 07 30.7	20 41.18	-24 49.3	18.0	-0.91	-10.5	2.4/28.9	48329
2000 SP ₃₃₉	2004 07 30.7	20 41.22	-15 52.7	19.1	-0.84	- 5.5	0.9/31.4	47968
2000 UW ₄₆	2004 07 30.7	20 41.24	-15 13.4	19.9	-0.78	- 2.8	0.8/31.5	29462
2001 VB ₁₂₃	2004 07 30.8	20 41.18	-39 18.7	20.3	-1.07	- 2.4	6.6/26.1	27781
2003 BE ₅₅	2004 07 30.8	20 41.20	-22 40.8	18.7	-1.02	- 3.3	1.8/29.9	43499
2000 VH ₄₇	2004 07 30.8	20 41.28	-13 38.2	18.3	-0.88	- 0.5	1.6/31.7	35536
2000 JJ ₃₄	2004 07 30.8	20 41.28	-06 01.5	17.6	-0.93	- 0.5	6.0/02.1	62299
2001 SK ₅₈	2004 07 30.8	20 41.32	-13 44.2	19.9	-0.96	- 4.6	1.8/31.9	48089
2001 ST ₂₅₆	2004 07 30.8	20 41.38	-17 23.1	19.3	-0.96	- 4.7	0.4/31.0	48108
2001 UC ₇₅	2004 07 30.8	20 41.39	-07 54.3	18.6	-0.82	- 5.5	5.5/02.4	48138
2515 P-L	2004 07 30.8	20 41.42	-29 02.7	19.2	-1.10	- 1.9	4.8/28.7	48386
2000 WF ₉₇	2004 07 30.8	20 41.43	-23 59.6	18.9	-0.82	- 4.2	1.7/29.5	47990
2002 CQ ₁₁₅	2004 07 30.8	20 41.44	-22 14.7	21.0	-0.81	- 3.2	1.1/30.0	48204
2001 UV ₁₁₇	2004 07 30.8	20 41.49	-25 49.1	19.7	-1.09	- 4.3	2.9/29.2	30520
2000 TE ₈	2004 07 30.8	20 41.49	-24 23.6	19.3	-0.91	- 3.1	2.1/29.5	27727
2001 XL ₁₄₈	2004 07 30.8	20 41.51	-17 13.2	19.7	-0.96	- 4.6	0.4/31.1	48168
2000 QK ₄₈	2004 07 30.8	20 41.51	-16 14.3	19.5	-0.90	- 3.9	0.7/31.3	47914
2000 HM ₄₈	2004 07 30.8	20 41.52	-05 38.9	18.9	-0.91	- 3.1	6.0/02.7	43364
2000 SV ₁₃	2004 07 30.8	20 41.52	-27 06.4	19.6	-0.92	- 4.9	3.5/28.7	47940
2001 VA ₅₉	2004 07 30.8	20 41.57	-32 37.1	18.9	-1.14	- 3.2	6.2/27.7	46891
2001 XV ₁₄₇	2004 07 30.8	20 41.58	-13 10.5	20.2	-0.98	- 3.3	2.0/31.9	30580
2001 QN ₆₄	2004 07 30.8	20 41.59	-19 35.9	18.0	-1.09	- 2.7	0.6/30.6	23643
2002 AQ ₁₅₄	2004 07 30.8	20 41.59	-16 40.6	19.2	-0.78	- 6.2	0.5/31.3	48192
2001 XV ₇₁	2004 07 30.8	20 41.59	-16 17.9	21.5	-0.87	- 3.4	0.6/31.3	30571
2001 TM ₁₄	2004 07 30.8	20 41.60	-07 48.6	18.7	-1.01	- 1.9	4.8/01.9	23788
2000 QK ₇₂	2004 07 30.8	20 41.60	-18 59.8	18.9	-0.96	- 2.1	0.3/30.7	47916
2001 UN ₁₆₆	2004 07 30.8	20 41.60	-18 50.3	20.7	-1.08	- 2.8	0.2/30.8	48144
2000 UQ ₅₈	2004 07 30.8	20 41.60	-23 03.2	19.5	-0.95	- 2.3	1.8/29.9	29467
2000 QN ₉₃	2004 07 30.8	20 41.61	-13 18.4	18.6	-0.90	- 1.6	2.3/31.9	6296
2000 OV ₄₉	2004 07 30.8	20 41.64	-18 18.3	17.1	-0.83	- 8.7	0.0/30.9	47906
2001 SJ ₂₃₀	2004 07 30.8	20 41.65	-22 48.2	19.7	-1.01	- 3.5	1.6/29.9	48105
2003 FT ₂₃	2004 07 30.8	20 41.65	-15 09.9	19.6	-0.89	- 4.6	1.1/31.6	50754
2003 FJ ₅₄	2004 07 30.9	20 41.60	-17 03.9	19.2	-0.81	- 3.1	0.4/31.2	47428
2000 QT ₁₉₈	2004 07 30.9	20 41.62	-35 17.2	18.4	-1.14	+ 0.6	6.3/27.9	47927
1995 YZ ₁₉	2004 07 30.9	20 41.63	-22 29.0	19.5	-0.77	- 5.0	1.2/29.9	28949

2000 WP ₁₅₄	2004 07 30.9	20 41.64 +06 35.8 19.7	-0.77 - 0.4	6.4/05.2	30431
2000 OV ₄₅	2004 07 30.9	20 41.65 +07 22.0 17.7	-0.59 -10.4	12.3/09.5	47906
2003 GF ₄	2004 07 30.9	20 41.74 -39 00.9 20.3	-1.09 - 1.3	6.8/26.7	47503
2001 RZ ₁₂₀	2004 07 30.9	20 41.75 -29 13.1 19.9	-1.16 - 2.9	5.4/28.6	48079
2000 QZ ₁₉₉	2004 07 30.9	20 41.77 -25 24.7 18.4	-0.95 - 3.0	3.1/29.4	47927
2002 AE ₈₂	2004 07 30.9	20 41.79 -12 28.0 18.3	-1.00 - 4.7	2.6/01.2	30612
1999 CA ₄₈	2004 07 30.9	20 41.84 -19 04.4 19.4	-1.02 - 3.1	0.3/30.8	47767
2001 SC ₁₁₃	2004 07 30.9	20 41.87 -10 09.6 19.5	-0.95 - 4.0	3.1/01.7	46644
2001 XE ₉₈	2004 07 30.9	20 41.87 -25 18.9 18.6	-1.05 - 5.3	3.3/29.3	48166
2002 CM ₁₄₁	2004 07 30.9	20 41.88 -04 20.9 21.0	-0.70 - 5.2	3.6/03.6	48206
2000 QK ₂₄₃	2004 07 30.9	20 41.89 -20 29.1 21.1	-1.00 - 2.7	0.8/30.5	27690
2001 XG ₁₄₈	2004 07 30.9	20 41.90 -17 41.9 19.1	-0.91 - 4.8	0.2/31.1	47028
2001 SF ₄₈	2004 07 30.9	20 41.93 -15 24.9 18.9	-0.97 - 4.8	1.1/31.6	43421
1999 VE ₁₂₆	2004 07 30.9	20 41.93 -20 14.1 19.8	-0.78 - 3.1	0.6/30.5	47823
1993 OB ₇	2004 07 30.9	20 41.95 -20 40.3 18.7	-0.80 - 3.3	1.0/30.4	47687
2001 TT ₇₁	2004 07 30.9	20 41.96 -09 43.3 19.3	-0.92 - 5.1	3.3/02.0	48119
2002 BY ₄	2004 07 30.9	20 42.00 -40 01.3 18.2	-1.04 - 7.4	8.3/24.6	30630
2000 JG ₁₃	2004 07 30.9	20 42.00 -17 53.6 17.9	-0.79 - 3.7	0.2/31.1	40106
2000 UR ₃₁	2004 07 30.9	20 42.01 -23 29.0 21.0	-0.83 - 3.5	1.5/29.8	47976
2000 LR ₂₈	2004 07 30.9	20 42.01 -18 34.4 17.1	-0.81 - 7.4	0.2/30.9	47900
2001 VS ₆₆	2004 07 30.9	20 42.02 -42 23.8 18.0	-1.12 - 3.3	9.7/25.3	50573
2002 CE ₂₅₇	2004 07 30.9	20 42.02 -16 10.7 18.8	-0.79 - 3.2	0.7/31.5	50595
2002 CU ₃₀₄	2004 07 30.9	20 42.02 -04 36.9 19.6	-0.76 - 3.5	4.2/03.2	29917
2000 GN ₁₄₅	2004 07 31.0	20 41.96 -12 43.3 17.7	-0.85 - 8.3	2.6/01.5	47884
2000 SB ₄₇	2004 07 31.0	20 41.96 +00 40.3 18.6	-0.90 - 1.6	7.9/03.7	27703
2002 AX ₉₅	2004 07 31.0	20 41.98 -25 44.8 19.8	-0.88 - 5.0	2.7/29.2	50587
2003 BA ₄₁	2004 07 31.0	20 42.01 -15 44.1 18.0	-0.97 - 7.0	1.2/31.6	43272
1997 YL ₁₁	2004 07 31.0	20 42.03 -25 57.0 22.9	-0.90 - 3.2	2.0/29.3	31591
2001 XV ₅	2004 07 31.0	20 42.07 -17 45.2 18.9	-0.88 - 8.5	0.2/31.2	48159
2001 SG ₈₃	2004 07 31.0	20 42.08 -10 07.6 19.8	-1.01 - 4.3	3.7/01.8	62360
2000 GE ₁₆₀	2004 07 31.0	20 42.15 -18 02.9 19.4	-1.07 - 2.3	0.1/31.1	43362
2001 VJ ₆₀	2004 07 31.0	20 42.15 -19 22.8 20.6	-1.02 - 2.8	0.4/30.8	23913
2001 UT ₁₁₃	2004 07 31.0	20 42.17 -21 42.3 20.9	-1.00 - 4.5	1.3/30.3	46821
2001 YV ₂₉	2004 07 31.0	20 42.19 -14 52.2 19.8	-0.91 - 2.5	1.2/31.8	47081
2001 TF ₁₅₀	2004 07 31.0	20 42.24 -14 08.7 19.5	-0.93 - 6.1	1.6/01.1	48126
2001 TB ₂₁₂	2004 07 31.0	20 42.27 -19 35.3 21.1	-1.02 - 3.5	0.5/30.8	49935
2001 WD ₉₃	2004 07 31.0	20 42.33 -22 16.8 19.3	-1.05 - 2.6	1.6/30.3	30560
2000 SO ₅₈	2004 07 31.1	20 42.37 -18 05.3 19.2	-0.91 - 2.9	0.1/31.1	47945
2001 XE ₁₉₀	2004 07 31.1	20 42.38 -16 56.6 19.9	-0.86 - 5.1	0.4/31.4	50580
2000 QB ₂₃₃	2004 07 31.1	20 42.39 -18 54.1 20.8	-0.96 - 2.0	0.2/31.0	47930
2001 BQ ₁₃	2004 07 31.1	20 42.39 -03 10.7 18.5	-0.82 - 0.8	4.9/03.0	30447
2001 SE ₂₆₂	2004 07 31.1	20 42.46 -19 49.0 19.3	-1.09 - 0.4	0.7/30.8	48108
2002 AS ₁₈₂	2004 07 31.1	20 42.47 -34 52.9 21.2	-0.98 - 5.1	5.2/26.9	47157
1999 VY ₁₁	2004 07 31.1	20 42.52 -10 03.2 16.3	-0.92 + 2.4	3.7/01.3	62249
2001 RU ₈₂	2004 07 31.1	20 42.55 -06 47.9 18.0	-0.98 - 5.1	5.3/02.9	20962
2000 SX ₆₅	2004 07 31.1	20 42.55 -10 45.6 19.2	-0.83 - 4.4	2.6/01.9	47946
2000 HS ₇₅	2004 07 31.1	20 42.58 -07 22.9 18.7	-0.91 - 5.9	4.8/02.8	43365
2000 QM ₁₀₅	2004 07 31.1	20 42.62 -27 12.1 17.3	-0.79 - 6.5	4.4/28.7	47920
1999 YD ₆	2004 07 31.1	20 42.63 -33 29.9 21.8	-1.16 - 1.1	5.0/28.0	2707
2001 SX ₂₄₈	2004 07 31.1	20 42.65 -30 04.8 19.5	-1.08 - 3.3	4.6/28.6	48107
2000 KS ₅₆	2004 07 31.1	20 42.69 -22 55.2 16.9	-0.81 - 8.2	2.3/29.9	43370

1999 RL ₁₀₇	2004 07 31.1	20 42.69 -04 25.5 18.7	-0.73 - 3.7	4.5/03.5	50417
2003 BB ₇₂	2004 07 31.1	20 42.70 -10 52.6 20.5	-1.01 + 0.2	2.8/01.5	48322
2002 CU ₇₀	2004 07 31.1	20 42.71 -21 55.1 20.5	-0.85 - 1.6	1.1/30.4	48201
1999 RR ₈₁	2004 07 31.1	20 42.73 -05 46.4 19.4	-0.74 - 4.3	3.9/03.2	50416
2001 UY ₁₅₀	2004 07 31.1	20 42.77 -39 15.0 19.9	-1.08 - 4.6	7.2/26.0	46837
2001 UK ₉₆	2004 07 31.1	20 42.78 -16 26.3 19.9	-0.97 - 4.5	0.7/31.6	46810
2000 FS ₆	2004 07 31.1	20 42.78 -11 30.5 19.1	-0.96 - 4.5	3.1/01.7	41621
2000 YW ₄₀	2004 07 31.1	20 42.79 -21 19.2 18.7	-0.80 - 6.6	0.9/30.4	9487
2003 GZ ₄₉	2004 07 31.1	20 42.80 -21 10.2 19.2	-1.08 - 0.7	1.0/30.7	50761
2002 CP ₁₃₉	2004 07 31.2	20 42.78 -09 53.5 19.3	-0.96 - 2.6	3.1/01.9	48206
2003 HU ₂₄	2004 07 31.2	20 42.81 +01 36.1 19.3	-0.76 - 4.4	7.5/05.3	47556
2001 SK ₂₅₀	2004 07 31.2	20 42.84 -30 53.9 19.0	-1.08 - 3.8	5.2/28.4	48107
2001 YX ₁₃₇	2004 07 31.2	20 42.86 -35 49.9 20.3	-1.06 - 2.4	5.7/27.3	26112
1999 JG ₁₃₆	2004 07 31.2	20 42.86 -31 25.6 19.6	-0.98 - 5.5	4.5/28.0	50411
2003 GU ₄₉	2004 07 31.2	20 42.88 -15 04.2 20.6	-0.91 - 4.7	1.1/32.0	50761
1999 RM ₁₄₀	2004 07 31.2	20 42.88 -24 32.4 18.9	-0.91 - 0.8	2.2/30.0	47793
2000 VP ₄₅	2004 07 31.2	20 42.92 -22 05.6 20.4	-0.87 - 3.9	1.4/30.3	47986
2000 TB ₁₇	2004 07 31.2	20 42.92 -41 17.0 19.4	-0.96 - 3.0	6.1/25.7	47971
2001 WM ₃₄	2004 07 31.2	20 42.94 -12 24.3 20.1	-0.92 - 5.5	2.3/01.6	46938
1997 TF ₂₅	2004 07 31.2	20 42.98 -28 29.1 18.8	-1.07 - 5.0	4.4/28.8	47716
2001 PC ₄₄	2004 07 31.2	20 43.01 -16 56.3 18.5	-1.02 - 2.8	0.6/31.5	62335
2001 UK ₁₄₉	2004 07 31.2	20 43.01 -31 17.6 20.1	-1.08 - 4.9	5.4/28.1	30524
2001 UQ ₆₂	2004 07 31.2	20 43.01 -22 38.9 17.7	-1.01 - 3.0	1.9/30.3	62376
2002 BY ₁₇	2004 07 31.2	20 43.02 -17 39.0 21.0	-0.75 - 6.1	0.1/31.4	30632
2001 TT ₁₈₄	2004 07 31.2	20 43.02 -22 17.1 20.5	-1.05 - 2.5	1.6/30.4	48129
2001 XP ₂₀₈	2004 07 31.2	20 43.03 -01 16.3 19.4	-0.90 - 1.6	5.8/03.7	47053
2000 RW ₅₉	2004 07 31.2	20 43.03 -27 49.7 19.6	-0.99 - 1.1	3.2/29.4	27696
2001 XC ₄₂	2004 07 31.2	20 43.04 -36 22.7 19.7	-1.02 - 3.8	5.7/26.9	49941
2001 SE ₁₃₀	2004 07 31.2	20 43.10 -21 40.8 19.8	-1.09 - 2.3	1.5/30.6	49930
1998 DQ ₈	2004 07 31.2	20 43.10 -30 24.3 20.3	-0.94 - 4.7	4.0/28.3	50381
2001 SJ ₂₇	2004 07 31.2	20 43.11 -09 25.0 19.5	-0.95 - 5.8	3.4/02.4	48085
2000 TW ₅₀	2004 07 31.2	20 43.18 -32 27.3 19.5	-0.82 - 4.1	3.5/27.8	50497
2002 AD ₁₄₅	2004 07 31.3	20 43.13 -16 34.5 20.4	-0.87 - 2.7	0.5/31.6	48191
2001 XR ₉₉	2004 07 31.3	20 43.20 -23 25.8 19.0	-0.94 - 4.8	2.1/30.1	48166
2001 TW ₁₅₀	2004 07 31.3	20 43.20 -15 24.7 19.0	-0.92 - 7.9	1.4/01.0	48126
2003 DE ₁₀	2004 07 31.3	20 43.25 -19 37.0 20.4	-1.00 - 4.9	0.5/31.0	48328
2001 YR ₇₉	2004 07 31.3	20 43.25 -21 09.6 19.7	-1.02 - 2.8	1.3/30.7	47093
2000 OQ ₄₀	2004 07 31.3	20 43.27 -03 16.2 19.0	-0.88 - 4.0	6.4/03.6	47905
2002 CQ ₂₉	2004 07 31.3	20 43.27 -27 09.0 20.3	-0.83 - 2.7	2.5/29.3	48199
2000 GV ₁₇₄	2004 07 31.3	20 43.29 -18 42.9 19.6	-1.01 - 4.2	0.3/31.2	47885
2000 UC ₇₀	2004 07 31.3	20 43.30 -10 55.2 18.8	-0.87 - 1.2	2.9/01.8	29474
2001 YD ₁₁₅	2004 07 31.3	20 43.30 -18 06.3 18.8	-1.07 + 1.8	0.0/31.3	48182
2002 AG ₁₂₀	2004 07 31.3	20 43.37 -19 14.6 20.1	-0.95 - 1.8	0.4/31.1	30618
2003 AO ₃	2004 07 31.3	20 43.38 -22 21.9 17.7	-1.08 -26.2	2.0/29.8	50730
2001 TU ₂₀	2004 07 31.3	20 43.39 -41 55.3 19.3	-1.24 - 0.9	9.0/26.4	48115
2000 QX ₁₈	2004 07 31.3	20 43.41 -16 51.5 19.2	-0.87 - 6.2	0.5/31.7	47911
2000 XW ₅	2004 07 31.3	20 43.42 -16 18.4 18.4	-0.83 - 1.3	0.5/31.7	33888
2003 BP ₃₃	2004 07 31.3	20 43.44 -25 42.1 18.9	-1.04 - 0.9	2.7/30.0	50739
2001 TD ₁₆₈	2004 07 31.3	20 43.49 -31 33.5 19.7	-1.04 - 1.8	4.3/28.6	50565
2003 CO ₃	2004 07 31.3	20 43.52 -19 56.3 20.0	-1.04 - 1.7	0.7/31.0	48324
1999 TJ ₂₂₃	2004 07 31.3	20 43.55 -11 42.9 19.0	-0.73 - 5.7	2.1/02.1	29144

2001 SR ₆₁	2004 07 31.3	20 43.57	-06 38.3	18.7	-0.90	- 5.7	5.6/03.2	48090
2001 VZ ₆₈	2004 07 31.3	20 43.57	-04 32.9	20.5	-0.84	- 5.1	4.5/03.7	27290
2000 UN ₆₈	2004 07 31.3	20 43.57	-20 02.8	18.7	-0.91	- 2.2	0.7/31.0	47980
2002 AB ₂₄	2004 07 31.3	20 43.58	-08 48.7	19.1	-0.97	- 2.0	3.9/02.2	48185
2002 AJ ₆₄	2004 07 31.4	20 43.51	-12 12.4	19.0	-0.71	- 5.0	1.8/01.9	47136
2003 GA ₁₅	2004 07 31.4	20 43.53	-37 08.4	19.6	-1.07	- 4.5	6.2/26.9	50760
2001 TU ₇	2004 07 31.4	20 43.55	-28 48.6	18.2	-1.05	- 3.0	4.5/29.2	50560
1999 RW ₂₀₃	2004 07 31.4	20 43.56	-25 08.1	18.1	-0.93	+ 0.8	2.7/30.2	47796
1998 XM ₇₄	2004 07 31.4	20 43.61	-21 01.6	18.6	-0.99	- 4.7	1.1/30.8	47760
2001 XL ₇₇	2004 07 31.4	20 43.62	-18 56.8	21.2	-0.92	- 4.2	0.3/31.2	50578
2002 AH ₁₂₁	2004 07 31.4	20 43.66	-21 06.9	20.5	-0.78	- 2.7	0.8/30.8	30618
1995 OG ₁₆	2004 07 31.4	20 43.68	-12 47.3	19.9	-0.93	- 0.6	1.8/01.4	21973
2001 RL ₁₂₅	2004 07 31.4	20 43.70	-15 22.0	19.3	-0.99	- 6.8	1.1/01.1	43419
2003 CT ₁₅	2004 07 31.4	20 43.71	+07 29.7	18.6	-1.28	+ 6.8	13.0/02.8	41488
2001 YE ₁₄₁	2004 07 31.4	20 43.73	-06 58.2	19.0	-0.91	- 3.5	5.1/02.9	33519
2001 SR ₄₄	2004 07 31.4	20 43.76	-18 57.3	16.9	-0.90	- 6.4	0.4/31.2	41730
2002 AC ₁	2004 07 31.4	20 43.78	-29 23.7	18.6	-1.05	- 1.5	5.1/29.2	53697
2001 XD ₁₅₂	2004 07 31.4	20 43.83	-21 16.4	19.9	-0.82	- 3.5	0.9/30.7	47030
2002 CL ₈	2004 07 31.4	20 43.86	-18 34.7	21.2	-0.75	- 5.8	0.1/31.4	47168
2001 TG ₉₄	2004 07 31.4	20 43.92	-27 59.2	19.3	-1.09	- 2.3	3.8/29.5	50563
2001 YW ₄₁	2004 07 31.4	20 43.92	-36 51.9	20.8	-1.02	- 5.5	6.2/26.6	26099
2001 SY ₁₀₆	2004 07 31.4	20 43.93	-22 18.8	19.0	-1.11	- 1.5	1.7/30.7	46637
2003 FZ ₈₀	2004 07 31.4	20 43.96	-39 06.7	20.6	-1.15	- 1.6	7.4/27.1	50756
1999 TY ₃₄	2004 07 31.4	20 43.96	+26 11.0	19.8	-0.72	- 1.8	16.1/14.0	46379
2001 XP ₁₁₉	2004 07 31.4	20 43.97	-23 53.5	19.4	-0.91	- 6.7	1.9/30.0	50579
2001 WQ ₂₁	2004 07 31.4	20 43.97	-25 19.4	18.7	-1.01	- 8.0	3.2/29.6	23934
2003 EH ₁₅	2004 07 31.4	20 43.99	-18 11.8	19.6	-1.04	- 1.5	0.0/31.5	47330
2000 TP ₄₃	2004 07 31.5	20 43.99	-09 05.7	18.9	-0.81	- 7.3	3.0/02.9	47973
2001 XY ₂₀₂	2004 07 31.5	20 44.01	-17 29.8	20.2	-0.93	- 6.0	0.2/31.7	47049
1993 VC ₇	2004 07 31.5	20 44.03	-25 16.4	19.4	-1.07	- 2.8	2.9/30.0	47690
2001 UD ₁₂₃	2004 07 31.5	20 44.06	-06 55.2	19.2	-0.96	- 2.8	4.8/02.9	30521
2001 WU ₆₃	2004 07 31.5	20 44.09	-20 01.8	20.2	-0.95	- 3.5	0.7/31.1	46950
1998 HF ₉	2004 07 31.5	20 44.12	-18 25.1	21.6	-0.80	- 4.9	0.1/31.5	28990
2003 GX ₄₂	2004 07 31.5	20 44.14	-19 35.8	18.7	-0.88	- 7.4	0.5/31.2	48367
2000 RG ₄₉	2004 07 31.5	20 44.15	-15 18.3	19.4	-0.87	- 5.4	1.1/01.2	46456
2001 VS ₃₃	2004 07 31.5	20 44.15	-01 41.8	20.0	-0.89	- 1.9	5.3/04.0	30536
2001 VT ₄₈	2004 07 31.5	20 44.15	-31 36.1	19.3	-0.99	- 7.3	4.7/27.9	48150
1999 CO ₉₃	2004 07 31.5	20 44.22	-17 34.8	20.9	-0.98	- 4.1	0.2/31.7	47768
2002 AX ₅₅	2004 07 31.5	20 44.25	-18 03.3	20.3	-0.84	- 3.2	0.0/31.6	48187
2001 TD ₉	2004 07 31.5	20 44.27	-26 23.0	18.9	-1.12	- 1.5	3.5/30.0	48114
2000 UT ₈₆	2004 07 31.5	20 44.29	-13 27.6	20.3	-0.82	- 4.5	1.5/01.7	47981
2001 OS ₄₃	2004 07 31.5	20 44.33	-07 22.6	17.7	-0.74	- 6.6	6.0/03.5	48039
2000 XF ₃₃	2004 07 31.5	20 44.34	-37 39.7	20.0	-0.90	- 2.8	4.9/26.8	12259
2003 BC ₁₆	2004 07 31.6	20 44.29	-21 29.0	20.1	-1.04	- 2.9	1.3/30.9	47267
2001 TM ₁₀₇	2004 07 31.6	20 44.30	-14 38.6	19.2	-0.92	- 2.9	1.1/01.3	48122
2001 TL ₁₉₉	2004 07 31.6	20 44.32	-26 47.6	20.6	-1.08	- 5.9	3.5/29.5	50565
2001 VO ₇₇	2004 07 31.6	20 44.35	-22 59.8	20.5	-1.06	- 6.0	2.0/30.4	48152
2002 CF ₁₆₃	2004 07 31.6	20 44.38	-29 47.8	20.1	-0.92	- 2.0	3.6/29.1	29850
2000 WK ₁₈₂	2004 07 31.6	20 44.40	-08 12.0	18.7	-0.84	- 9.9	3.2/03.4	11007
1996 FD ₇	2004 07 31.6	20 44.45	-17 04.1	20.8	-1.00	- 4.7	0.4/31.9	50375
1993 RE ₄	2004 07 31.6	20 44.46	-23 02.8	19.0	-0.85	- 1.7	1.8/30.6	6715

1998 KB ₁₂	2004 07 31.6	20 44.47	+19 16.3	21.2	-1.06	- 2.7	16.2/10.3	9079
2000 XJ ₁₂	2004 07 31.6	20 44.47	-13 24.5	19.1	-0.83	- 0.8	1.4/01.6	30435
2001 VC ₁₆	2004 07 31.6	20 44.48	-29 38.0	18.5	-1.11	- 5.7	5.5/28.8	46866
2001 VY ₁₂	2004 07 31.6	20 44.48	-26 11.8	18.6	-1.12	- 0.5	3.3/30.2	30531
2000 VN ₅₃	2004 07 31.6	20 44.54	-05 33.6	18.1	-0.86	- 0.7	5.2/03.1	47986
2003 BR ₅₆	2004 07 31.6	20 44.54	-17 06.8	20.2	-0.99	- 3.6	0.4/31.9	48320
2003 EW ₁₀	2004 07 31.6	20 44.55	-12 31.6	19.8	-0.98	- 3.9	2.0/01.9	47325
2000 QD ₄₄	2004 07 31.6	20 44.55	-13 51.3	18.8	-0.85	- 6.1	1.8/01.7	12243
2001 YA ₇₈	2004 07 31.6	20 44.57	-21 40.7	19.1	-1.02	- 5.6	1.6/30.8	48178
2000 SG ₁₃₀	2004 07 31.6	20 44.65	-03 27.7	18.4	-0.98	+ 2.2	6.2/03.0	47952
2001 QB ₁₆₄	2004 07 31.6	20 44.65	-21 17.1	18.5	-0.97	- 8.1	1.3/30.8	48058
1999 CS ₃₀	2004 07 31.6	20 44.67	-25 10.9	17.8	-1.08	- 0.2	3.1/30.4	50403
2001 WA ₃₇	2004 07 31.6	20 44.69	+01 56.9	19.4	-0.83	- 2.2	10.3/05.3	30556
1999 RV ₂₀₆	2004 07 31.6	20 44.69	-19 40.2	18.6	-0.93	+ 0.4	0.5/31.4	12158
2001 WO ₁₁	2004 07 31.6	20 44.74	-24 40.8	20.3	-1.03	- 5.5	2.6/30.1	23932
2003 EM ₂	2004 07 31.6	20 44.75	-15 35.2	19.5	-0.96	- 4.5	0.9/01.3	50748
2001 WC ₂₆	2004 07 31.7	20 44.68	-16 53.1	21.1	-1.01	- 4.3	0.5/32.0	30554
2003 FT ₉₂	2004 07 31.7	20 44.70	-04 00.5	20.0	-0.83	- 6.6	4.7/04.5	50757
5021 T-2	2004 07 31.7	20 44.70	-13 00.0	19.7	-0.87	- 1.1	1.6/01.7	9651
2000 RF ₃₄	2004 07 31.7	20 44.72	-11 02.6	18.3	-0.89	- 1.5	2.4/02.1	27693
2002 AC ₈₂	2004 07 31.7	20 44.73	-16 15.2	20.7	-0.82	- 5.7	0.5/01.2	48188
2000 SO ₃₅₂	2004 07 31.7	20 44.75	-18 56.6	18.9	-0.87	- 8.0	0.3/31.5	47969
2001 VH ₁₀₉	2004 07 31.7	20 44.76	-21 06.7	20.4	-0.93	- 3.2	1.0/31.1	50575
2000 AJ ₁₄₈	2004 07 31.7	20 44.77	+03 40.7	17.9	-0.81	+ 0.6	6.8/04.8	9786
2000 UM ₆₄	2004 07 31.7	20 44.79	-20 32.2	19.9	-0.93	- 1.7	0.9/31.2	27125
2001 TD ₁₃₆	2004 07 31.7	20 44.81	-19 46.7	18.5	-1.14	+ 1.0	0.9/31.5	30489
2000 LC ₃₄	2004 07 31.7	20 44.87	-08 26.5	19.6	-0.93	- 5.8	4.1/03.1	43371
1999 CG ₁₂	2004 07 31.7	20 44.87	+01 21.3	19.2	-0.88	- 9.6	6.2/06.4	50402
2003 BY ₁₉	2004 07 31.7	20 44.87	-27 27.6	18.4	-1.05	- 5.6	3.7/29.5	50738
2000 TO	2004 07 31.7	20 44.90	-32 00.1	18.3	-0.97	- 1.5	5.8/28.9	47970
2001 UW ₁₀₄	2004 07 31.7	20 44.90	-33 13.0	19.8	-1.10	- 3.5	5.9/28.4	46813
2000 WL ₁₇₀	2004 07 31.7	20 44.92	-23 53.5	18.9	-0.97	0.0	2.4/30.7	47994
2001 UN ₂₀₁	2004 07 31.7	20 44.98	-16 32.0	20.3	-0.97	- 3.4	0.5/01.1	46852
2000 QS ₅₈	2004 07 31.7	20 44.99	-24 04.8	17.9	-0.91	- 6.2	2.5/30.2	47915
2002 CG ₆₂	2004 07 31.7	20 45.02	-29 15.8	20.3	-0.85	- 5.3	3.4/28.9	50591
1998 WG ₁₁	2004 07 31.7	20 45.02	-22 43.6	19.4	-1.08	- 6.6	2.0/30.6	47757
2001 SN ₂₁₁	2004 07 31.7	20 45.08	-17 39.5	20.0	-1.03	- 4.5	0.2/31.9	46665
1999 UB ₁₀	2004 07 31.7	20 45.10	-53 07.0	18.0	-2.04	+ 8.3	19.0/27.8	50432
2003 ES ₂₁	2004 07 31.8	20 45.14	-23 13.5	20.3	-1.02	- 4.3	1.9/30.7	50750
2001 UT ₇₅	2004 07 31.8	20 45.16	-09 29.9	17.9	-0.80	- 5.6	4.5/03.0	23867
2001 SH ₂₃₁	2004 07 31.8	20 45.17	-37 21.9	20.5	-1.16	- 2.6	6.6/27.6	46668
2001 SO ₂₅₆	2004 07 31.8	20 45.21	-17 50.7	20.2	-0.96	- 4.4	0.1/31.9	48108
2001 TP ₁₂₀	2004 07 31.8	20 45.26	+15 06.3	19.6	-0.96	- 1.2	10.9/07.9	50563
2001 SJ ₁₁₁	2004 07 31.8	20 45.26	-14 07.8	18.4	-1.01	- 1.7	1.6/01.6	30466
2000 RX ₅₄	2004 07 31.8	20 45.35	-52 21.9	18.1	-1.46	+ 4.3	14.7/25.4	50486
2003 HZ ₅₁	2004 07 31.8	20 45.37	-27 41.2	19.5	-0.83	- 5.9	3.3/29.3	50201
1999 FT ₃₅	2004 07 31.8	20 45.38	-19 22.8	18.9	-1.01	- 2.4	0.5/31.6	47774
2000 QV ₂₀₇	2004 07 31.8	20 45.39	-22 11.1	19.9	-0.99	- 3.3	1.5/31.0	33242
2000 SS ₇₆	2004 07 31.8	20 45.39	-27 45.9	17.6	-0.79	- 6.2	4.8/29.2	9819
2001 XT ₂₄₇	2004 07 31.8	20 45.43	-15 34.0	20.0	-0.91	- 2.9	0.8/01.4	30591
2000 RV ₈₁	2004 07 31.8	20 45.44	+18 24.4	20.5	-0.84	- 6.2	11.9/11.3	33249

2003 AD ₅₉	2004 07 31.8	20 45.53	-24 02.8	20.7	-1.09	- 3.4	2.3/30.6	48313
2002 CR ₃₉	2004 07 31.8	20 45.54	-25 18.9	19.9	-1.03	- 0.8	2.5/30.5	30643
2001 VU ₆₂	2004 07 31.9	20 45.46	-19 48.4	19.5	-1.00	- 3.0	0.7/31.5	48151
2000 TQ ₁₂	2004 07 31.9	20 45.47	-21 01.4	18.8	-0.85	- 6.0	1.1/31.1	47970
2003 JW ₅	2004 07 31.9	20 45.49	-03 12.6	19.9	-0.88	- 4.0	5.6/04.0	50203
2000 SO ₃₃₆	2004 07 31.9	20 45.63	-25 01.8	18.6	-1.00	+ 0.2	2.9/30.7	27101
2001 WN ₁₀	2004 07 31.9	20 45.69	-05 52.2	19.6	-0.89	- 3.8	4.6/04.0	48156
2000 QK ₁	2004 07 31.9	20 45.70	-32 06.4	17.6	-1.10	- 0.7	4.7/29.2	62304
2003 BB ₃₆	2004 07 31.9	20 45.77	-17 31.4	18.0	-0.90	- 8.5	0.2/01.1	61707
2000 TD ₆₆	2004 07 31.9	20 45.77	-21 22.2	20.8	-0.87	- 3.1	1.1/31.2	30410
2001 XK ₁₉₁	2004 07 31.9	20 45.80	-32 27.4	18.8	-1.06	-14.4	5.5/27.2	30583
1993 RL ₄	2004 07 31.9	20 45.81	-14 20.7	17.9	-0.92	- 3.0	1.7/01.8	47688
6675 P-L	2004 07 31.9	20 45.82	-25 33.1	19.8	-1.04	- 3.2	2.6/30.3	27867
2000 FP ₂	2004 07 31.9	20 45.82	-26 09.3	17.9	-0.98	- 0.6	4.5/30.4	23521
2002 CY ₂₅	2004 07 31.9	20 45.83	-37 29.1	18.9	-1.13	- 4.4	6.0/27.1	30640
2001 XB ₆₅	2004 07 31.9	20 45.83	-09 22.4	20.5	-0.88	- 1.7	2.6/02.8	23958
2000 FW ₂₃	2004 07 31.9	20 45.84	-23 50.7	18.0	-0.99	- 8.3	2.7/30.4	742
2000 RP ₈	2004 07 31.9	20 45.85	+32 34.2	18.1	-0.58	- 9.2	21.5/24.0	13720
2000 SZ ₁₅₅	2004 07 31.9	20 45.86	-30 27.0	19.5	-1.02	- 1.9	4.4/29.3	33261
1999 CL ₂₀	2004 07 31.9	20 45.89	-27 21.5	19.6	-1.05	- 3.8	3.3/29.9	47766
2000 OH ₃₉	2004 07 31.9	20 45.89	-01 19.0	18.5	-0.93	+ 1.2	7.5/03.9	47905
2000 RL ₄₃	2004 07 31.9	20 45.90	-26 50.3	18.7	-1.17	+ 2.7	4.2/30.6	47934
2000 YH ₁₃₀	2004 08 01.0	20 45.84	-26 37.8	19.6	-0.82	- 5.4	2.7/29.8	48003
2003 DU ₁₈	2004 08 01.0	20 45.85	-20 21.8	19.4	-0.99	- 5.1	0.9/31.5	50747
2002 XS ₈₄	2004 08 01.0	20 45.87	-05 08.8	19.1	-0.97	- 1.6	4.6/04.0	48305
2001 XF ₁₂₇	2004 08 01.0	20 45.87	-28 43.6	20.8	-0.92	- 4.9	3.4/29.4	47018
2000 ND ₁₃	2004 08 01.0	20 46.00	-12 05.2	18.5	-1.07	+ 2.6	2.4/01.9	47901
2000 SK ₃₃₈	2004 08 01.0	20 46.01	-19 18.5	18.6	-0.92	- 2.5	0.5/31.8	25260
2002 BL ₅	2004 08 01.0	20 46.05	-46 35.8	20.2	-1.26	- 2.0	9.2/25.0	31964
2000 GW ₈₆	2004 08 01.0	20 46.05	-16 10.8	18.4	-0.86	- 8.4	0.9/01.5	47880
2002 YZ ₂	2004 08 01.0	20 46.07	-01 44.7	18.4	-1.35	+ 5.2	7.7/02.8	50727
2000 RJ ₈₁	2004 08 01.0	20 46.11	-25 21.8	19.7	-1.02	0.0	2.4/30.7	47937
2001 UK ₁₇₇	2004 08 01.0	20 46.11	-29 12.5	19.7	-1.04	- 2.9	4.0/29.7	48145
2003 EU ₂₂	2004 08 01.0	20 46.12	-23 39.5	20.3	-1.03	- 4.4	2.0/30.8	50750
2000 SR ₉₀	2004 08 01.0	20 46.12	-11 12.6	18.6	-1.03	+ 2.4	2.8/02.1	47948
1999 BH ₂₇	2004 08 01.0	20 46.16	-19 07.3	20.4	-0.98	- 4.9	0.4/31.8	46351
2003 EA ₂₀	2004 08 01.0	20 46.18	-15 41.5	19.5	-0.91	- 3.4	0.9/01.6	62443
2000 QE ₇₄	2004 08 01.0	20 46.21	-24 58.0	17.9	-1.05	- 0.2	2.4/30.8	47916
2001 TQ ₇₂	2004 08 01.0	20 46.23	-26 59.8	21.4	-1.08	- 4.5	3.3/30.0	46729
1997 HP ₁₄	2004 08 01.0	20 46.29	-21 01.3	21.2	-0.79	- 3.0	0.9/31.4	62219
2002 AS ₉₆	2004 08 01.0	20 46.29	-23 06.9	19.1	-0.87	- 4.6	1.9/30.8	48189
2001 SB ₁₆₃	2004 08 01.0	20 46.33	-29 02.4	18.9	-1.12	- 2.3	4.6/29.9	50556
1997 GD ₃₁	2004 08 01.1	20 46.23	-17 01.4	20.7	-0.77	- 3.4	0.3/01.3	47712
1999 CA ₁₅₄	2004 08 01.1	20 46.26	-09 49.4	20.2	-0.91	- 5.0	2.8/03.1	47771
2001 TS ₁₄₅	2004 08 01.1	20 46.27	-29 58.8	20.3	-1.09	- 4.9	4.7/29.3	48125
1998 XN ₇	2004 08 01.1	20 46.31	-20 13.0	18.2	-1.03	- 5.7	1.1/31.6	47759
2001 YL ₈₁	2004 08 01.1	20 46.33	-21 27.1	19.3	-0.95	- 5.3	1.3/31.3	26102
2000 GP ₇₈	2004 08 01.1	20 46.37	-09 27.2	19.3	-0.98	- 4.0	3.7/03.0	50471
2001 UA ₁₀₀	2004 08 01.1	20 46.39	-00 06.3	21.0	-0.87	- 3.3	5.7/05.3	46811
2003 FX ₁₀₄	2004 08 01.1	20 46.42	-21 06.2	20.5	-0.98	- 4.7	1.1/31.4	50757
2003 EC ₂₉	2004 08 01.1	20 46.44	-33 46.9	22.0	-1.13	- 1.7	5.4/29.0	47352

2000 SU ₁₀₂	2004 08 01.1	20 46.47	-24 45.3	19.3	-0.94	- 1.9	2.5/30.7	47949
2001 RN ₇₇	2004 08 01.1	20 46.48	-13 26.8	18.0	-0.88	- 7.5	2.2/02.3	46593
2003 FJ ₂₁	2004 08 01.1	20 46.48	-32 50.7	19.6	-0.95	- 3.7	4.8/28.6	50181
2002 AK ₁₈₂	2004 08 01.1	20 46.51	-28 29.7	19.4	-0.83	- 6.4	3.3/29.3	47157
1999 TQ ₁₁₆	2004 08 01.1	20 46.52	-20 05.7	19.1	-0.81	- 3.1	0.8/31.7	47806
2000 YQ ₁₂₈	2004 08 01.1	20 46.61	-25 52.2	18.8	-0.84	- 7.2	2.6/30.0	48002
2000 QM ₂₅	2004 08 01.1	20 46.72	-51 51.9	18.3	-1.73	+ 5.6	12.7/27.4	43377
2003 EE ₅₈	2004 08 01.2	20 46.63	-33 36.1	18.5	-0.98	- 6.7	5.6/28.1	50753
2000 SM ₁₉₁	2004 08 01.2	20 46.71	-25 52.4	19.6	-0.92	- 3.6	2.8/30.4	47957
2000 TZ ₁₂	2004 08 01.2	20 46.72	-25 48.7	19.8	-0.91	- 2.6	2.5/30.5	27727
2001 SJ ₂₇₂	2004 08 01.2	20 46.75	-19 07.3	19.9	-1.01	- 5.0	0.4/32.0	50559
2000 WL ₁₁₃	2004 08 01.2	20 46.75	-05 51.8	18.8	-0.81	- 0.7	3.7/03.7	30429
1999 XS ₅₂	2004 08 01.2	20 46.80	-24 06.0	18.6	-0.78	- 3.6	2.6/30.7	46389
2003 FQ ₁₀₆	2004 08 01.2	20 46.95	-16 12.1	19.3	-0.83	- 5.4	0.6/01.7	50758
2001 SM ₇₁	2004 08 01.2	20 46.97	-17 50.9	18.8	-0.97	- 7.5	0.0/01.3	23725
2001 WZ ₁₄	2004 08 01.2	20 46.99	-04 23.0	18.0	-0.80	- 4.9	7.2/04.0	46929
2000 GS ₆₃	2004 08 01.2	20 47.01	-26 18.8	18.9	-0.93	- 3.2	4.3/30.4	23526
2000 SN ₃₂₁	2004 08 01.2	20 47.03	-15 28.7	20.0	-0.88	- 3.8	1.0/01.8	47967
2000 RR ₃₅	2004 08 01.2	20 47.06	-22 05.7	18.5	-0.96	- 1.5	1.7/31.4	30380
2000 EP ₅₃	2004 08 01.2	20 47.08	-17 06.4	19.1	-0.95	- 4.5	0.4/01.5	47863
2002 CA ₁₇₃	2004 08 01.2	20 47.09	-31 34.2	20.0	-0.90	- 1.6	3.8/29.3	30675
1999 JO ₈₆	2004 08 01.3	20 47.02	-10 47.7	19.1	-0.88	- 5.9	2.5/03.1	50409
2002 CX ₁₇	2004 08 01.3	20 47.13	-22 40.7	19.2	-0.90	- 0.9	1.6/31.4	31447
2000 RH ₉₇	2004 08 01.3	20 47.16	+02 20.0	18.5	-0.96	0.0	8.2/04.8	13736
2001 XA ₇₉	2004 08 01.3	20 47.19	-14 22.2	19.6	-0.96	- 4.8	1.6/02.2	62383
1999 ST ₉	2004 08 01.3	20 47.19	-25 27.1	18.8	-0.88	- 1.9	2.6/30.7	50422
2001 XJ ₉₂	2004 08 01.3	20 47.20	-15 16.4	20.5	-0.93	- 3.4	0.9/01.9	47004
1999 AK ₂₄	2004 08 01.3	20 47.22	-08 17.2	18.6	-1.03	- 0.4	3.8/03.1	47763
2001 RF ₉₄	2004 08 01.3	20 47.23	-19 35.7	18.7	-1.00	- 2.9	0.9/32.0	48077
2003 FH ₈₈	2004 08 01.3	20 47.24	-21 38.3	20.1	-0.99	- 5.6	1.4/31.5	50757
2000 TC ₃	2004 08 01.3	20 47.27	-16 02.1	20.4	-0.89	- 3.8	0.7/01.8	25266
2001 UA ₁₆	2004 08 01.3	20 47.32	-24 38.7	17.4	-0.78	- 6.3	3.8/30.5	30506
2001 SG ₁₄₄	2004 08 01.3	20 47.36	-25 29.3	19.9	-1.15	- 2.1	2.9/30.9	48098
2001 TK ₁₀₄	2004 08 01.3	20 47.39	-25 46.6	19.6	-0.98	- 4.4	2.8/30.5	48122
2001 RH ₁₅₄	2004 08 01.3	20 47.40	-29 42.2	18.9	-1.10	- 2.2	4.4/30.0	50556
2001 SQ ₁₄₇	2004 08 01.3	20 47.41	-03 06.1	19.1	-0.97	- 3.5	7.1/04.6	23748
2000 SZ ₁₉	2004 08 01.3	20 47.43	-18 04.9	18.2	-0.92	+ 0.3	0.1/01.4	13739
2001 SZ ₁₇₂	2004 08 01.3	20 47.47	-27 04.1	19.4	-1.05	- 3.9	3.3/30.4	50556
2000 WE ₁₀₈	2004 08 01.3	20 47.47	-33 23.3	18.8	-0.90	- 2.7	4.5/28.8	30428
2000 RL ₁₀₆	2004 08 01.4	20 47.45	+04 48.1	18.7	-0.85	- 1.5	8.6/06.6	47939
2000 YV ₁₁₉	2004 08 01.4	20 47.47	-06 38.3	20.0	-0.78	- 1.9	3.5/03.9	48002
2000 KC ₇₄	2004 08 01.4	20 47.48	-25 58.8	17.7	-0.95	- 7.9	3.7/30.2	43370
1999 RW ₁₆₈	2004 08 01.4	20 47.50	-29 36.3	18.5	-0.89	- 0.8	3.2/30.0	35479
2002 AM ₂₇	2004 08 01.4	20 47.50	-24 50.0	20.5	-0.81	- 2.5	1.9/30.9	30607
1998 DO ₃₁	2004 08 01.4	20 47.51	-29 30.1	19.6	-1.06	- 1.0	3.8/30.1	30261
2001 XA ₁₈₅	2004 08 01.4	20 47.56	-17 47.4	20.2	-0.80	- 3.4	0.0/01.5	31961
2001 XO ₂₁₁	2004 08 01.4	20 47.59	-07 45.2	18.3	-0.89	- 4.4	4.7/03.8	48172
2002 AU ₁₄₇	2004 08 01.4	20 47.61	-23 09.2	19.0	-0.85	- 3.3	1.9/31.2	47150
2000 VR ₂₀	2004 08 01.4	20 47.64	-04 29.4	19.9	-0.77	- 3.5	4.2/04.7	53660
2000 HO ₁₈	2004 08 01.4	20 47.65	-28 22.2	18.5	-0.99	- 4.8	5.3/29.9	23533
1998 FE ₉₀	2004 08 01.4	20 47.69	-34 23.5	19.7	-1.01	- 2.5	5.0/28.8	30265

2001 SA ₃₀₄	2004 08 01.4	20 47.75	-23 58.0	20.3	-1.11	- 2.0	2.4/31.3	46693
2001 UZ ₈₃	2004 08 01.4	20 47.75	-13 08.5	18.6	-0.96	- 3.7	2.1/02.5	46808
2001 VV ₉	2004 08 01.4	20 47.84	-32 14.5	18.5	-1.01	- 4.0	6.1/29.1	50572
1998 DG ₂₃	2004 08 01.4	20 47.84	-20 54.5	20.7	-0.96	- 2.3	1.0/31.9	30261
2001 TB ₁₅₅	2004 08 01.5	20 47.81	-14 24.3	18.6	-0.85	- 9.1	1.6/02.5	22914
1999 EG ₆	2004 08 01.5	20 47.82	-37 30.3	20.1	-1.13	- 1.5	6.5/28.5	50405
2000 QD ₁₂₁	2004 08 01.5	20 47.93	-14 45.9	18.7	-0.91	- 1.7	1.1/02.2	47921
2000 SQ ₈	2004 08 01.5	20 47.93	-13 23.2	20.4	-0.87	- 4.8	1.6/02.6	47940
2003 BD ₁₃	2004 08 01.5	20 47.94	-14 33.8	18.0	-0.90	- 7.3	1.3/02.4	62441
2000 QW ₇₀	2004 08 01.5	20 47.96	-09 42.3	17.7	-0.73	- 7.7	4.0/03.8	47916
2001 UA ₁₂	2004 08 01.5	20 48.02	-15 59.8	20.6	-0.97	- 4.5	0.7/02.0	30505
2000 SC ₅₄	2004 08 01.5	20 48.09	-14 44.4	19.7	-0.89	- 2.7	1.3/02.2	47944
2000 SY ₁₇₂	2004 08 01.5	20 48.13	+12 53.0	18.1	-1.03	+ 2.5	10.3/07.3	30397
2001 RC ₇₇	2004 08 01.5	20 48.14	-28 45.3	19.0	-1.06	- 6.5	4.7/29.8	25945
1999 TA ₂₀₇	2004 08 01.5	20 48.14	+07 51.9	19.0	-0.80	0.0	7.5/06.8	9763
2002 CK ₃	2004 08 01.5	20 48.19	-22 03.6	19.9	-0.81	- 6.9	1.3/31.4	48197
2000 GL ₄	2004 08 01.5	20 48.20	+16 47.3	19.6	-0.89	- 9.7	13.7/14.6	47876
2001 RM ₈₁	2004 08 01.5	20 48.23	-11 34.9	18.6	-0.96	- 5.4	2.3/03.1	50550
1998 BF ₁₈	2004 08 01.5	20 48.24	-20 52.2	20.0	-0.94	- 3.4	1.0/31.9	47722
2001 WM ₂₁	2004 08 01.5	20 48.26	-18 44.9	18.8	-0.93	- 7.0	0.4/01.4	50575
2000 XZ ₄₁	2004 08 01.6	20 48.18	-44 54.3	18.8	-1.08	- 1.7	8.1/25.9	31366
2000 RT ₁₀₂	2004 08 01.6	20 48.21	-11 47.4	17.2	-0.95	+ 2.9	2.9/02.5	30385
2002 CC ₂₃₃	2004 08 01.6	20 48.26	-14 42.1	21.0	-0.87	- 5.6	1.1/02.4	47186
2001 XN ₆₇	2004 08 01.6	20 48.28	-03 12.2	20.3	-0.93	- 0.7	5.0/04.5	30570
2002 AT ₃₆	2004 08 01.6	20 48.30	-22 26.9	18.7	-0.92	- 6.7	2.2/31.4	27802
2001 TZ ₁₆₁	2004 08 01.6	20 48.32	-17 26.5	20.1	-1.03	- 3.3	0.2/01.7	48127
2000 WF ₇₂	2004 08 01.6	20 48.32	-12 50.1	19.1	-0.86	- 1.3	1.7/02.7	27748
2000 YE ₄₅	2004 08 01.6	20 48.33	-26 19.2	19.3	-0.80	- 5.3	2.4/30.4	47999
2001 XY ₇₃	2004 08 01.6	20 48.35	-45 43.4	20.1	-1.14	- 7.1	9.5/24.4	46991
2001 QU ₁₀₄	2004 08 01.6	20 48.35	-26 24.6	18.5	-1.14	- 1.3	4.3/30.9	48053
2001 TX ₉₁	2004 08 01.6	20 48.36	-19 40.9	19.5	-1.03	- 3.0	0.7/01.3	48121
2000 JL ₂₆	2004 08 01.6	20 48.39	-16 00.7	19.4	-1.08	- 2.4	0.7/02.0	41647
2000 QB ₁₂₀	2004 08 01.6	20 48.41	+01 32.2	19.5	-0.80	- 5.7	6.7/06.8	47921
2000 QH ₁₄₀	2004 08 01.6	20 48.42	-13 48.9	19.0	-0.85	- 5.1	1.6/02.6	47923
2003 ES ₃₈	2004 08 01.6	20 48.45	-10 14.4	18.8	-1.01	+ 0.4	3.1/03.0	47363
2002 CQ ₄₄	2004 08 01.6	20 48.46	-17 12.2	20.5	-0.92	- 3.1	0.2/01.8	27464
2000 HD ₄₁	2004 08 01.6	20 48.50	-39 12.5	18.1	-0.91	- 9.7	10.3/25.7	22150
2001 UL ₄₉	2004 08 01.6	20 48.55	-10 09.8	20.2	-0.96	- 6.0	3.0/03.5	48136
2003 GK ₄₉	2004 08 01.6	20 48.57	-08 53.0	18.2	-0.77	- 6.3	3.2/04.1	47535
2001 WF ₂₇	2004 08 01.6	20 48.59	-21 14.9	19.2	-1.02	- 6.0	1.4/31.9	30554
2000 QD ₈₂	2004 08 01.6	20 48.59	-31 44.5	18.1	-1.14	+ 2.2	5.9/30.6	62305
2000 XU ₄	2004 08 01.6	20 48.63	-28 13.9	19.9	-0.90	- 1.9	3.1/30.4	30435
1996 JC ₁₃	2004 08 01.6	20 48.63	-15 42.4	20.1	-0.97	- 5.7	0.8/02.2	47703
2002 AY ₂₀₂	2004 08 01.7	20 48.64	-12 14.0	20.0	-0.83	- 4.2	1.9/03.0	48195
2001 QW ₂₀	2004 08 01.7	20 48.64	-23 06.9	19.4	-1.17	- 0.8	2.3/31.8	46538
2002 CA ₅₃	2004 08 01.7	20 48.66	-18 59.0	19.6	-0.77	- 6.8	0.4/01.4	47172
2001 SJ ₃₁₄	2004 08 01.7	20 48.70	-20 08.3	18.8	-1.08	- 1.1	0.9/01.3	46694
2002 AZ ₁₀₅	2004 08 01.7	20 48.72	-19 00.6	20.5	-0.92	- 3.2	0.4/01.5	27807
2002 XF ₈₄	2004 08 01.7	20 48.73	-57 13.3	22.1	-1.47	- 2.4	10.5/23.2	48305
2001 TY ₂	2004 08 01.7	20 48.79	-09 46.9	18.5	-0.87	- 4.0	4.3/04.0	48113
1992 DG ₉	2004 08 01.7	20 48.81	-12 23.3	19.6	-1.01	- 4.5	2.0/03.0	23420

2001 XB ₁₀₀	2004 08 01.7	20 48.82	-19 36.9	17.7	-1.02	- 2.5	0.8/01.4	48166
1998 FZ ₈₉	2004 08 01.7	20 48.84	-34 50.8	19.4	-1.03	- 2.7	5.1/28.9	47727
2002 BU ₃	2004 08 01.7	20 48.89	-36 45.8	20.3	-1.04	- 2.6	5.7/28.4	27429
2003 AC ₄₁	2004 08 01.7	20 48.93	-13 17.0	19.4	-0.96	- 7.0	1.8/02.9	48311
2001 AG ₃₀	2004 08 01.7	20 48.95	-12 44.5	19.7	-0.81	- 1.4	1.3/02.8	11026
2001 XK ₆₈	2004 08 01.7	20 49.00	-32 08.4	18.9	-1.07	- 4.5	5.0/29.3	46988
2000 QK ₇₆	2004 08 01.8	20 48.98	-14 25.4	17.2	-0.86	- 3.1	1.6/02.6	62305
2000 WF ₈₃	2004 08 01.8	20 49.00	-25 30.3	20.4	-0.79	- 5.2	2.2/30.8	33313
2001 SG ₆₅	2004 08 01.8	20 49.04	-09 09.9	19.0	-0.94	- 5.6	3.5/03.9	46625
2001 RT ₇₁	2004 08 01.8	20 49.06	-07 55.7	18.8	-0.98	- 4.5	4.3/04.0	48075
2001 UH ₁₇₇	2004 08 01.8	20 49.09	-11 30.6	19.0	-0.95	- 4.2	2.5/03.3	43450
2001 SH ₄₀	2004 08 01.8	20 49.13	-10 30.8	19.2	-0.92	- 6.3	2.7/03.7	48087
2002 BG ₃₀	2004 08 01.8	20 49.17	-43 23.6	19.9	-1.17	- 2.2	7.8/26.7	31965
2001 SC ₂₆	2004 08 01.8	20 49.18	-28 09.4	20.2	-1.13	- 2.4	4.2/30.7	48085
2000 QG ₁₅₆	2004 08 01.8	20 49.20	-05 31.7	18.1	-0.79	- 3.1	6.0/04.7	4672
2001 TF ₁₆₈	2004 08 01.8	20 49.22	-13 57.7	17.4	-1.06	- 0.4	1.7/02.5	26019
1999 AY ₂₇	2004 08 01.8	20 49.26	-16 11.5	19.4	-0.94	- 3.9	0.8/02.2	47763
2000 VX ₄₉	2004 08 01.8	20 49.28	-13 59.2	19.4	-0.76	- 2.3	1.0/02.7	47986
2000 RA ₈₀	2004 08 01.8	20 49.31	-14 15.3	19.2	-1.04	- 0.2	1.3/02.5	34962
1998 BB ₂₂	2004 08 01.8	20 49.32	-14 38.7	20.2	-1.00	- 0.2	1.1/02.4	30259
1997 ST ₁₆	2004 08 01.8	20 49.33	-28 43.3	20.3	-1.10	- 2.0	3.8/30.6	47715
2001 BY ₆	2004 08 01.8	20 49.36	-25 56.2	19.0	-0.85	- 3.6	2.6/30.9	31389
1319 T-2	2004 08 01.8	20 49.38	-07 31.5	18.7	-0.97	- 4.7	4.1/04.0	26183
2001 XV ₁₆	2004 08 01.8	20 49.41	-17 46.3	18.9	-1.04	- 2.1	0.0/01.9	30562
2001 ST ₂₀₈	2004 08 01.8	20 49.41	-15 04.0	18.4	-0.96	- 6.6	1.3/02.6	27245
2003 GZ ₃₀	2004 08 01.8	20 49.42	-51 46.2	20.5	-1.42	0.0	11.4/25.4	50760
2001 XA ₂₀₆	2004 08 01.9	20 49.34	-30 51.9	22.1	-0.95	- 6.1	4.0/29.5	47050
2002 FN ₁₅	2004 08 01.9	20 49.38	-29 18.5	20.3	-0.80	- 3.9	2.9/30.0	33975
2003 FE ₁₀₄	2004 08 01.9	20 49.39	-14 28.4	20.8	-0.90	- 3.6	1.1/02.7	50757
2002 CL ₁₁₃	2004 08 01.9	20 49.41	-27 08.5	20.4	-0.90	- 1.1	2.9/31.0	30661
2000 GB ₁₃₅	2004 08 01.9	20 49.43	-31 10.5	18.0	-0.96	- 7.9	6.4/29.2	47883
2001 UH ₆₄	2004 08 01.9	20 49.52	-24 33.2	20.6	-1.05	- 2.8	2.6/31.5	46802
2001 TQ ₈₆	2004 08 01.9	20 49.52	-17 18.8	19.7	-1.01	- 3.4	0.2/02.0	46736
2000 ST ₂₈₉	2004 08 01.9	20 49.52	-07 05.4	20.2	-0.85	- 3.3	3.6/04.4	47965
2001 XT ₂₃₈	2004 08 01.9	20 49.53	-13 15.4	19.0	-0.94	- 2.2	1.6/02.9	48173
2000 QR ₇₃	2004 08 01.9	20 49.61	-13 06.1	19.1	-0.90	- 4.3	1.8/03.0	47916
2003 AP ₂	2004 08 01.9	20 49.63	-10 30.6	17.5	-1.05	-22.8	3.4/04.5	48308
2001 YY ₃₃	2004 08 01.9	20 49.64	-17 29.1	19.4	-0.93	- 2.6	0.1/02.0	62385
2000 RD ₈₆	2004 08 01.9	20 49.69	-17 59.8	18.0	-0.75	- 7.9	0.1/01.9	6334
2003 FS ₄₉	2004 08 01.9	20 49.71	-14 00.5	20.8	-0.87	- 4.4	1.2/02.9	47422
2000 OO ₄₄	2004 08 01.9	20 49.76	-08 56.3	17.9	-0.82	- 2.3	4.3/03.9	47906
2000 RU ₁₀₀	2004 08 02.0	20 49.81	-06 57.2	16.9	-0.97	+ 2.3	4.9/03.7	62308
1999 TJ ₇₃	2004 08 02.0	20 49.86	-34 20.8	20.7	-0.94	- 0.5	4.8/29.6	33098
2000 GK ₈₈	2004 08 02.0	20 49.87	-07 48.2	17.9	-0.83	- 8.5	4.8/04.9	47880
2001 XC ₂₄₁	2004 08 02.0	20 49.88	-24 16.3	19.8	-0.93	- 3.9	2.3/31.5	47067
1999 RN ₁₇₄	2004 08 02.0	20 49.93	-21 42.5	18.5	-0.82	- 3.3	1.5/01.1	47795
2002 AT ₁₀₁	2004 08 02.0	20 49.97	-18 52.3	19.9	-0.89	- 3.0	0.4/01.8	48189
2000 TD ₆₃	2004 08 02.0	20 49.97	-08 01.8	18.3	-1.02	+ 2.9	4.1/03.5	27730
2001 TQ ₁₅₅	2004 08 02.0	20 49.97	-09 41.6	19.9	-0.97	- 5.1	3.3/04.0	48127
2003 EU ₄₉	2004 08 02.0	20 49.99	-29 29.0	19.3	-1.04	- 2.5	4.5/30.6	50752
1990 UW ₅	2004 08 02.0	20 49.99	-42 19.7	18.0	-1.14	- 6.8	11.6/25.2	47682

2002 AY ₁₄₈	2004 08 02.0	20 50.02 -19 43.5 20.1	-0.89 - 4.2	0.6/01.6	30622
2001 SG ₅₉	2004 08 02.0	20 50.02 -11 59.7 17.2	-0.70 - 6.7	3.3/03.7	25966
2001 TC ₁₆₂	2004 08 02.0	20 50.03 -15 50.8 18.8	-0.99 - 2.9	0.9/02.5	30491
2001 SD ₂₃	2004 08 02.0	20 50.05 -15 43.6 20.1	-1.00 - 4.3	0.7/02.5	48084
2000 UJ ₃₇	2004 08 02.0	20 50.10 -22 55.2 19.2	-0.91 - 4.6	2.1/31.8	13790
1999 OD ₂	2004 08 02.0	20 50.12 +08 37.5 17.6	-0.75 0.0	10.9/08.0	47786
1999 VT ₇₉	2004 08 02.0	20 50.14 -56 07.2 21.0	-1.88 - 1.2	16.5/23.3	40026
2001 TM ₃₀	2004 08 02.1	20 50.16 -14 53.3 19.5	-0.99 - 3.4	1.1/02.7	43433
2003 GV ₃₉	2004 08 02.1	20 50.17 -38 29.7 19.0	-0.92 - 3.5	7.2/27.8	47531
2000 QF ₁₃₉	2004 08 02.1	20 50.17 -12 40.2 18.6	-0.85 - 4.9	1.9/03.3	47923
2003 EB ₂₃	2004 08 02.1	20 50.20 -34 00.6 20.3	-1.06 - 1.2	5.7/29.8	48334
2000 TY ₂₅	2004 08 02.1	20 50.31 -25 57.8 19.9	-0.94 - 2.7	3.0/31.3	47971
2000 WN ₁₀₉	2004 08 02.1	20 50.32 -47 54.2 19.0	-1.03 - 3.8	8.1/24.7	31925
2000 UA ₁₁	2004 08 02.1	20 50.33 -18 03.0 19.0	-0.88 - 0.9	0.1/02.1	47975
2002 CT ₆₅	2004 08 02.1	20 50.33 -31 25.0 18.6	-0.85 - 4.0	4.1/29.7	30649
2001 TV ₆₉	2004 08 02.1	20 50.34 -18 35.7 20.8	-1.02 - 3.8	0.3/02.0	46726
2000 QQ ₁₅₃	2004 08 02.1	20 50.35 -20 58.8 18.4	-1.10 + 1.9	1.4/01.6	47924
2001 SZ ₁₇₇	2004 08 02.1	20 50.35 -15 45.3 17.6	-1.01 - 2.7	1.0/02.6	48102
2001 TD ₇₆	2004 08 02.1	20 50.36 -25 57.3 16.9	-0.85 - 7.0	4.4/30.9	23808
2001 WE ₁₆	2004 08 02.1	20 50.38 -31 59.4 18.7	-1.06 - 4.2	6.5/29.7	46929
2000 QP ₁₂₃	2004 08 02.1	20 50.39 -41 19.7 17.1	-1.21 + 6.3	12.3/29.8	6302
5728 T-3	2004 08 02.1	20 50.41 -20 17.7 19.7	-0.77 - 6.0	0.8/01.5	47585
2003 FS ₈₈	2004 08 02.1	20 50.48 -12 54.9 20.2	-0.81 - 5.0	1.5/03.4	57914
2000 WE ₁₉₁	2004 08 02.1	20 50.51 -24 14.5 19.0	-0.92 - 7.0	2.2/31.4	47995
2001 SU ₂₄₃	2004 08 02.1	20 50.55 -09 36.1 19.7	-0.95 - 6.6	3.3/04.2	43046
1999 KG	2004 08 02.1	20 50.57 +02 15.9 19.8	-0.85 - 3.1	7.0/07.1	46367
2002 XH ₅	2004 08 02.1	20 50.60 -45 57.8 20.3	-1.27 - 6.3	8.9/25.5	48302
2000 SC ₁₉₄	2004 08 02.2	20 50.49 -24 41.7 18.9	-0.97 - 2.1	2.6/31.7	62309
1999 JO ₄₀	2004 08 02.2	20 50.53 -38 45.8 19.0	-1.06 - 4.3	7.2/27.9	47779
1999 RP ₂₆	2004 08 02.2	20 50.54 -26 09.6 19.0	-0.86 - 2.7	2.7/31.2	30305
2001 YG ₆₁	2004 08 02.2	20 50.57 -21 37.9 18.6	-1.05 - 3.2	1.9/01.4	47089
2001 TL ₈₁	2004 08 02.2	20 50.61 -07 14.0 19.4	-1.02 - 2.3	4.4/04.4	43077
2001 SE ₂₃₃	2004 08 02.2	20 50.63 -20 49.3 19.1	-1.00 - 4.5	1.2/01.5	48106
2001 TQ ₇₀	2004 08 02.2	20 50.65 -30 19.3 18.6	-1.07 - 5.3	5.7/30.1	30480
2002 EY ₄	2004 08 02.2	20 50.66 -16 35.7 20.3	-0.77 - 3.5	0.3/02.5	30701
1999 RB ₁₈₇	2004 08 02.2	20 50.70 -17 01.6 18.1	-0.80 - 3.3	0.3/02.4	49689
2003 FY ₁₂₆	2004 08 02.2	20 50.71 -21 10.7 21.4	-1.12 - 3.3	1.4/01.5	50759
2000 WT ₁₃₂	2004 08 02.2	20 50.71 -16 54.0 19.0	-1.04 + 0.4	0.3/02.4	8554
2000 SK ₈₁	2004 08 02.2	20 50.73 -10 31.9 19.0	-0.82 - 4.9	2.6/04.0	46474
2002 AA ₁₃₁	2004 08 02.2	20 50.75 -19 07.5 19.0	-0.92 + 1.0	0.5/02.0	30620
2001 TK ₈₈	2004 08 02.2	20 50.77 -12 46.3 19.4	-1.00 - 3.3	1.9/03.3	48121
2001 VY ₇₁	2004 08 02.2	20 50.79 +02 25.0 20.3	-0.84 - 3.0	6.1/07.0	50574
2001 YR ₁₃₀	2004 08 02.2	20 50.82 -27 34.3 19.0	-1.05 - 4.0	4.3/30.9	48182
1997 GX ₁₃	2004 08 02.2	20 50.85 -09 48.6 21.1	-0.74 - 3.2	1.9/04.2	13551
2002 AE ₁₇₃	2004 08 02.2	20 50.85 -18 01.9 19.8	-0.78 - 3.1	0.1/02.2	48193
2001 TU ₆₉	2004 08 02.2	20 50.86 -16 47.1 20.7	-1.04 - 4.1	0.4/02.5	48119
2002 GL ₉₁	2004 08 02.2	20 50.87 -39 08.2 19.4	-1.03 - 1.5	6.6/28.2	61225
1999 UJ ₂₅	2004 08 02.2	20 50.91 -34 04.7 19.5	-0.85 - 1.6	4.1/29.5	30329
1999 SW ₁₆	2004 08 02.2	20 50.91 -06 15.5 18.8	-0.80 - 2.4	4.1/04.8	1470
2001 SP ₅₀	2004 08 02.2	20 50.92 -27 27.9 18.1	-1.04 - 6.2	4.7/30.8	48089
2000 QR ₂₃	2004 08 02.2	20 50.92 -27 28.2 16.9	-0.90 - 1.0	5.0/31.3	62305

2003 EX ₂₆	2004 08 02.2	20 50.94 -14 47.0 19.3	-0.91 - 4.3	1.2/03.0	62443
2002 CN ₁₄₉	2004 08 02.3	20 50.89 -15 42.4 19.5	-0.78 - 7.0	0.7/02.8	27528
2001 WA ₉₃	2004 08 02.3	20 50.91 -28 41.8 21.5	-0.91 - 2.8	3.0/30.8	29735
2002 CR ₃₆	2004 08 02.3	20 50.99 -22 01.5 21.2	-0.93 - 1.9	1.4/01.4	48199
1998 HL ₇	2004 08 02.3	20 51.02 -59 01.5 19.2	-1.76 - 4.7	18.2/20.4	41536
2001 RN ₇₅	2004 08 02.3	20 51.05 -31 22.3 18.0	-1.09 - 4.3	6.6/30.0	22812
2000 UP ₅₇	2004 08 02.3	20 51.08 -18 19.9 19.0	-0.89 - 2.1	0.3/02.2	25879
1994 PO ₁₉	2004 08 02.3	20 51.18 -13 48.7 18.2	-0.81 - 9.9	1.9/03.5	43325
2001 SM ₁	2004 08 02.3	20 51.21 -21 04.8 18.4	-1.03 - 2.1	1.8/01.7	48082
1994 RS ₄	2004 08 02.3	20 51.22 -18 01.1 20.4	-0.79 - 4.1	0.1/02.3	30247
2001 SJ ₁₇₉	2004 08 02.3	20 51.23 -34 00.9 20.1	-0.98 - 4.9	4.8/29.2	50557
2001 SK ₁₇₈	2004 08 02.3	20 51.25 -13 57.2 18.3	-0.83 - 7.4	1.9/03.4	48102
2002 AT ₂₇	2004 08 02.3	20 51.27 -28 42.3 19.0	-0.97 - 2.5	3.6/30.9	27801
2000 QH ₁₀₆	2004 08 02.3	20 51.31 -25 21.6 18.7	-0.99 - 2.1	3.3/31.7	47920
1997 AY ₆	2004 08 02.3	20 51.34 -16 18.6 19.6	-0.92 - 1.7	0.4/02.7	47708
2003 EA ₃₈	2004 08 02.3	20 51.35 -12 33.1 19.1	-0.94 - 0.2	2.0/03.4	50751
1999 TP ₁₄₆	2004 08 02.4	20 51.27 -18 29.1 20.0	-0.83 - 3.4	0.3/02.2	33104
2002 CT ₂₅₄	2004 08 02.4	20 51.30 -06 10.3 20.4	-0.81 - 6.5	3.8/05.5	48212
1997 TD ₄	2004 08 02.4	20 51.38 -17 42.0 20.4	-1.01 - 3.8	0.0/02.4	60492
2002 AJ ₁₇₀	2004 08 02.4	20 51.45 -20 23.6 19.7	-0.81 - 3.1	0.9/01.8	30625
2001 SG ₁₅₇	2004 08 02.4	20 51.47 -17 41.8 18.7	-1.08 - 1.2	0.0/02.4	46655
2002 CL ₇₉	2004 08 02.4	20 51.49 -23 04.3 19.4	-0.86 - 1.2	1.7/01.3	29799
2001 TJ ₁₀₄	2004 08 02.4	20 51.50 -15 03.8 19.8	-1.01 - 4.8	1.0/03.0	30484
1996 HY ₂₄	2004 08 02.4	20 51.51 -13 42.1 18.7	-0.95 - 4.7	1.6/03.4	47703
2002 CT ₁₄	2004 08 02.4	20 51.59 -03 14.1 19.8	-0.72 - 8.0	4.1/06.7	56323
1997 WH ₄₀	2004 08 02.4	20 51.63 -16 19.0 19.4	-0.98 - 4.2	0.5/02.8	62221
2000 AJ ₄₂	2004 08 02.4	20 51.67 +05 41.8 17.7	-1.33 + 5.4	11.3/05.1	47839
2000 WL ₇₆	2004 08 02.4	20 51.68 -40 41.3 19.8	-0.93 - 3.2	6.1/27.6	33886
2000 SR ₁₀₇	2004 08 02.4	20 51.70 -16 05.2 19.4	-0.88 - 3.2	0.6/02.8	47949
2000 DC ₇₈	2004 08 02.4	20 51.72 -21 13.3 18.8	-1.11 - 2.2	1.6/01.8	50462
2000 PW ₂₈	2004 08 02.4	20 51.78 -47 09.5 18.9	-2.22 +14.3	14.1/01.5	47909
2001 YT ₁₂₀	2004 08 02.5	20 51.67 -05 34.7 18.4	-1.29 + 5.8	5.1/03.7	30601
2000 RN ₁₆	2004 08 02.5	20 51.78 -15 05.8 19.2	-0.97 0.0	1.0/03.0	47932
2001 SP ₇₁	2004 08 02.5	20 51.83 -31 09.6 18.4	-1.11 - 4.0	5.8/30.3	50554
1999 VV ₂₀₂	2004 08 02.5	20 51.86 -11 16.3 18.0	-0.88 - 0.3	2.1/03.8	12201
2001 RX ₇₅	2004 08 02.5	20 51.89 -25 13.0 19.4	-1.09 - 3.5	2.9/31.9	25944
2003 FO ₄	2004 08 02.5	20 51.94 -17 58.3 18.2	-0.77 -10.6	0.1/02.4	50753
2002 AP ₃₈	2004 08 02.5	20 51.99 -14 45.5 19.2	-0.89 - 3.7	1.1/03.2	23378
2000 VC ₅	2004 08 02.5	20 51.99 -21 54.9 19.3	-0.87 - 3.6	1.6/01.6	47983
2000 SR ₉₉	2004 08 02.5	20 51.99 -13 57.1 19.9	-0.88 - 3.0	1.3/03.4	27707
1999 RR ₈₈	2004 08 02.5	20 52.00 -20 34.4 18.3	-0.81 - 2.3	0.9/01.9	35476
2001 UC ₁₅₈	2004 08 02.5	20 52.01 -25 30.3 20.5	-0.97 - 4.2	2.7/31.7	46841
2001 WA ₅₄	2004 08 02.5	20 52.01 -17 23.1 18.1	-0.96 - 3.1	0.1/02.6	41759
2001 XR ₃₃	2004 08 02.5	20 52.01 -15 06.3 19.0	-0.91 - 4.4	1.2/03.2	62383
2000 VM ₅	2004 08 02.5	20 52.06 -18 48.3 19.2	-0.78 - 3.1	0.3/02.3	47983
2001 TU ₇₈	2004 08 02.5	20 52.07 -09 28.7 20.4	-0.91 - 3.9	2.7/04.5	48120
1999 AG ₁₆	2004 08 02.5	20 52.12 -20 41.7 19.6	-1.01 - 7.0	1.4/01.8	47763
2003 AP ₅₄	2004 08 02.6	20 52.05 -21 37.8 18.3	-1.00 - 3.5	1.8/01.7	48312
2003 CT ₁₂	2004 08 02.6	20 52.12 -33 05.2 19.9	-1.05 - 1.9	5.2/30.4	48325
1999 TH ₁₁₇	2004 08 02.6	20 52.17 -01 22.5 18.8	-0.69 - 4.0	6.9/06.9	46380
2000 QK ₂₀	2004 08 02.6	20 52.20 -15 18.1 19.3	-0.90 - 4.6	0.9/03.2	47911

2003 EC ₂₇	2004 08 02.6	20 52.22 -15 18.2 20.6	-0.97 - 4.4	0.8/03.2	47348
2000 VV ₆₀	2004 08 02.6	20 52.24 -15 58.4 19.6	-0.84 - 3.8	0.6/03.0	47986
2001 TB ₁₀₉	2004 08 02.6	20 52.24 -11 42.4 20.3	-1.02 - 2.7	2.2/03.9	23819
2003 GN ₂₃	2004 08 02.6	20 52.25 -00 20.3 19.0	-0.74 - 4.3	5.7/07.2	50760
2000 QS ₁₂₇	2004 08 02.6	20 52.26 +00 29.8 18.0	-0.77 - 7.1	7.4/07.7	47922
2001 VC ₁₁₉	2004 08 02.6	20 52.27 -12 36.0 18.9	-1.01 - 1.9	2.0/03.6	30551
2001 WY ₁₅	2004 08 02.6	20 52.30 -46 01.8 18.6	-1.35 + 1.2	9.4/28.2	48156
1999 CA ₂₅	2004 08 02.6	20 52.33 -27 51.8 18.4	-1.05 - 9.1	4.1/30.7	47766
2000 EZ ₁₈	2004 08 02.6	20 52.34 -40 45.9 17.5	-1.69 + 8.3	10.6/32.0	47861
2003 FX ₁₁₉	2004 08 02.6	20 52.41 -18 26.0 19.8	-0.83 - 3.1	0.3/02.5	62444
2001 UQ ₁₈₉	2004 08 02.6	20 52.41 -18 32.5 20.6	-1.07 - 3.4	0.4/02.5	46852
2002 AG ₁₈₉	2004 08 02.6	20 52.42 -01 52.1 20.9	-0.70 - 4.4	4.1/06.9	50588
2001 TO ₁₉	2004 08 02.6	20 52.43 -18 43.1 19.8	-1.12 - 0.5	0.5/02.5	48115
2003 EH ₁₁	2004 08 02.6	20 52.47 -03 57.7 19.3	-0.83 - 4.6	4.6/06.2	48332
1999 AO ₂₇	2004 08 02.7	20 52.45 -15 07.7 20.6	-0.98 - 4.1	0.9/03.3	47763
2001 TB ₂₀₄	2004 08 02.7	20 52.46 -27 44.8 20.2	-1.09 - 5.1	3.8/31.3	46770
1999 JA ₆₅	2004 08 02.7	20 52.48 -37 00.0 19.0	-1.02 - 4.5	6.4/28.9	50409
2001 TZ ₃₃	2004 08 02.7	20 52.50 -26 46.7 18.8	-1.13 - 1.9	4.4/31.8	46708
2000 TK ₂₉	2004 08 02.7	20 52.51 -27 10.0 18.8	-1.01 0.0	3.3/31.9	30408
2000 YK ₁₀₁	2004 08 02.7	20 52.52 -25 40.3 19.0	-0.86 - 7.5	2.4/31.4	11019
2003 AB ₈₂	2004 08 02.7	20 52.59 -43 16.6 20.5	-1.17 - 3.3	8.2/27.8	47257
2001 YX ₁₁₂	2004 08 02.7	20 52.59 -24 52.7 19.7	-0.82 - 3.9	2.1/31.9	47103
2000 KS ₇₃	2004 08 02.7	20 52.59 -20 25.2 17.5	-0.87 - 8.1	1.4/01.9	43370
2001 TY ₄₈	2004 08 02.7	20 52.59 +21 24.7 21.2	-0.92 - 2.7	13.0/13.4	46717
2003 GK ₄	2004 08 02.7	20 52.64 -17 46.8 20.4	-0.97 - 3.9	0.1/02.7	47504
1997 LP ₁	2004 08 02.7	20 52.70 -13 32.6 17.9	-0.86 - 9.4	1.9/04.0	47713
2003 GT ₃₉	2004 08 02.7	20 52.71 -29 22.5 21.7	-0.97 - 3.5	3.7/31.0	47531
2000 QT ₆₃	2004 08 02.7	20 52.74 -29 40.4 17.6	-0.92 - 2.2	5.8/31.0	50481
2000 YA ₁₂₄	2004 08 02.7	20 52.76 +05 52.5 18.9	-0.87 + 1.0	7.2/07.0	13239
1999 RY ₂₅₁	2004 08 02.7	20 52.78 +14 03.2 19.3	-0.77 - 1.0	9.7/10.7	47799
2000 RJ ₆₄	2004 08 02.7	20 52.81 +04 06.9 18.7	-0.91 - 0.7	8.5/07.2	27696
2001 XU ₅₈	2004 08 02.7	20 52.87 -18 21.6 18.2	-1.03 - 6.0	0.4/02.6	30569
2003 BN ₃₇	2004 08 02.7	20 52.90 -27 06.8 19.4	-1.06 - 0.6	3.9/32.0	50740
2001 XA ₉	2004 08 02.8	20 52.83 -13 54.0 19.6	-0.91 - 1.4	1.2/03.6	46958
1999 TT ₁	2004 08 02.8	20 52.86 -34 52.4 17.3	-0.95 - 1.3	6.7/29.8	47799
2001 TM ₄₉	2004 08 02.8	20 52.87 -08 36.4 18.9	-0.96 - 3.2	3.5/04.8	48117
2003 EN ₂₁	2004 08 02.8	20 52.90 -09 04.1 18.7	-0.85 - 5.3	3.4/05.0	50749
2001 XD ₂₂₀	2004 08 02.8	20 52.92 -17 14.4 19.9	-0.92 - 3.5	0.1/02.9	47058
2002 EL ₂₈	2004 08 02.8	20 52.97 -04 55.1 19.7	-0.71 - 4.6	3.6/06.1	47193
2001 IE ₁₉	2004 08 02.8	20 52.98 -34 25.9 20.2	-0.99 - 4.7	5.4/29.5	46964
2002 AV ₁₅₉	2004 08 02.8	20 52.98 -15 14.6 20.4	-0.84 - 4.8	0.8/03.4	48192
2000 HS ₁₁	2004 08 02.8	20 53.02 -24 29.7 19.3	-1.08 - 3.6	2.9/01.3	41638
2003 ET ₂₇	2004 08 02.8	20 53.03 -36 32.9 21.2	-1.03 - 0.7	6.2/30.0	48335
2002 AK ₁₅₁	2004 08 02.8	20 53.03 -18 38.6 19.5	-0.85 - 1.1	0.3/02.6	30622
2002 CP ₁₅	2004 08 02.8	20 53.05 -10 33.1 19.7	-0.79 - 7.1	2.1/04.8	50590
2000 SQ ₃₅₄	2004 08 02.8	20 53.05 -08 58.3 18.8	-0.81 - 9.6	3.2/05.4	47969
2001 TQ ₁₅₀	2004 08 02.8	20 53.09 -30 14.1 19.4	-1.07 - 4.7	4.9/30.8	46756
1999 FN ₇	2004 08 02.8	20 53.11 +07 37.1 19.5	-0.88 - 7.1	8.0/10.0	50405
2000 WN ₁₃₂	2004 08 02.8	20 53.13 -11 09.2 18.6	-0.98 + 1.8	2.6/03.9	47992
2000 WR ₁₃₁	2004 08 02.8	20 53.22 -02 31.2 19.1	-0.81 - 6.3	6.5/06.8	8554
1981 EH ₂	2004 08 02.8	20 53.24 -02 43.6 20.1	-0.75 - 3.0	4.2/06.5	27574

2001 TU ₅₂	2004 08 02.8	20 53.25 -18 35.9 20.4	-1.04 - 4.2	0.4/02.6	48118
2002 CD ₁₉₉	2004 08 02.9	20 53.20 -18 56.9 19.6	-0.84 - 4.5	0.5/02.5	48209
2001 SS ₂₅₆	2004 08 02.9	20 53.20 -08 44.4 18.9	-0.92 - 5.4	3.3/05.1	48108
2001 SL ₃₁₈	2004 08 02.9	20 53.25 -24 55.9 21.0	-1.08 - 4.6	2.9/01.2	48111
2001 XS ₃₆	2004 08 02.9	20 53.30 -16 45.8 18.7	-0.96 - 1.3	0.2/03.1	30565
2000 RL ₄₉	2004 08 02.9	20 53.36 +02 27.9 19.0	-0.83 - 3.5	6.7/07.7	29290
2000 EY ₁₅₈	2004 08 02.9	20 53.40 -17 34.0 16.8	-1.12 - 0.1	0.0/02.9	62285
2000 WQ ₂₉	2004 08 02.9	20 53.40 +15 56.6 20.9	-0.74 - 0.8	7.6/11.0	10999
2001 XV ₁₉₂	2004 08 02.9	20 53.47 -16 38.0 20.0	-0.86 - 4.4	0.3/03.2	27789
2002 CO ₂	2004 08 02.9	20 53.48 -27 10.0 18.9	-0.96 - 4.6	3.8/31.6	27442
2001 XX ₉₇	2004 08 02.9	20 53.49 -20 47.1 18.8	-1.00 - 3.5	1.2/02.2	48166
2000 QL ₁₁₁	2004 08 02.9	20 53.51 -24 22.6 17.8	-0.95 - 0.4	3.3/01.6	47920
2000 TT ₅₃	2004 08 02.9	20 53.52 -13 41.8 18.7	-0.82 - 3.8	1.6/03.9	62311
2000 KT ₁₂	2004 08 02.9	20 53.55 -07 46.5 18.4	-1.00 - 2.5	4.3/05.0	47896
2002 BE ₂₈	2004 08 02.9	20 53.56 -11 44.8 19.9	-0.84 - 7.3	2.0/04.5	31965
2002 CZ ₁₃₆	2004 08 02.9	20 53.56 -30 01.1 19.9	-0.88 - 2.6	4.0/31.1	47179
2001 TN ₁₅₉	2004 08 02.9	20 53.57 -10 32.4 20.4	-0.95 - 4.7	2.5/04.6	48127
2001 TH ₁₅₀	2004 08 02.9	20 53.57 -35 27.2 18.9	-1.12 - 4.4	8.1/29.4	30490
2000 SP ₁₇₃	2004 08 02.9	20 53.58 +05 01.8 18.8	-0.88 + 0.1	9.1/07.7	47956
2000 WT ₁₀₇	2004 08 02.9	20 53.63 -23 18.3 18.1	-0.88 - 1.7	2.0/01.7	50506
2000 XO ₄₇	2004 08 02.9	20 53.65 -22 59.1 19.8	-0.93 - 0.6	1.8/01.9	47997
2002 AK ₄₄	2004 08 03.0	20 53.69 -15 17.5 21.4	-0.92 - 4.0	0.7/03.5	26120
2000 QA ₄₇	2004 08 03.0	20 53.70 -18 40.1 19.5	-0.89 - 4.7	0.5/02.7	47914
2002 AD ₁₉₃	2004 08 03.0	20 53.72 -18 22.1 19.4	-0.91 - 0.5	0.3/02.9	48194
2002 CJ ₁₈₁	2004 08 03.0	20 53.73 -21 29.5 20.2	-0.84 - 3.4	1.3/02.1	48208
2000 WU ₁₃₅	2004 08 03.0	20 53.79 -30 39.6 17.5	-0.79 -12.7	6.1/29.4	13798
2001 RJ ₇₆	2004 08 03.0	20 53.82 -08 07.2 17.4	-0.82 - 7.9	4.5/05.7	50550
2001 UY ₁₆₀	2004 08 03.0	20 53.84 -30 44.1 19.5	-1.04 - 6.1	5.4/30.6	46843
2002 CW ₂₂₅	2004 08 03.0	20 53.84 -11 43.9 19.8	-0.81 - 5.3	2.0/04.5	62387
2002 CV ₂₇₅	2004 08 03.0	20 53.86 +00 15.6 20.5	-0.75 - 1.5	4.5/07.2	31973
2000 SA ₈₃	2004 08 03.0	20 53.87 -22 42.6 19.9	-0.95 - 2.4	1.9/01.9	47948
2002 CG ₈₀	2004 08 03.0	20 53.88 -24 25.3 20.0	-0.88 - 1.7	2.1/01.6	29800
2002 CD ₄₉	2004 08 03.0	20 53.91 -19 29.3 19.8	-0.85 - 4.4	0.7/02.6	48200
2002 CZ ₂₃₈	2004 08 03.0	20 53.98 -11 48.5 20.8	-0.73 - 3.3	1.5/04.5	29886
2000 QR ₈₈	2004 08 03.0	20 53.99 -04 30.2 18.9	-0.80 - 6.7	5.3/06.7	46433
2002 DJ ₇	2004 08 03.0	20 54.00 -35 04.2 21.1	-0.99 - 5.6	5.4/29.3	30697
2001 YU ₇₄	2004 08 03.0	20 54.03 -19 52.1 18.3	-0.94 - 2.4	1.2/02.6	48178
1999 RK ₁₇₇	2004 08 03.0	20 54.07 -35 38.5 18.5	-1.06 + 2.7	7.8/30.9	50419
2001 XO ₆₀	2004 08 03.1	20 54.01 -15 30.5 19.1	-1.05 - 3.4	0.9/03.5	30569
2000 DB ₅₄	2004 08 03.1	20 54.14 -18 23.4 16.5	-0.93 + 0.8	0.5/03.0	41605
2003 FD ₉₂	2004 08 03.1	20 54.15 -41 24.4 20.4	-1.04 - 1.6	7.9/28.7	50757
2001 SK ₁₇₅	2004 08 03.1	20 54.20 -26 50.6 19.9	-1.12 - 4.2	3.9/32.0	48101
2000 WE ₁₃₆	2004 08 03.1	20 54.31 -05 17.5 20.0	-0.80 - 2.0	3.8/05.9	29584
2002 AB ₁₁	2004 08 03.1	20 54.33 -26 34.8 18.4	-0.94 + 0.5	2.8/01.4	30604
2002 FP ₁	2004 08 03.1	20 54.34 -26 13.1 18.8	-0.78 - 8.0	2.5/31.6	50600
1994 YB ₁	2004 08 03.2	20 54.39 -24 13.0 17.8	-0.84 - 6.3	2.2/01.3	30247
2001 XV ₂₀₃	2004 08 03.2	20 54.41 -16 28.2 19.3	-0.89 - 5.2	0.3/03.4	47049
2001 YW ₅₈	2004 08 03.2	20 54.42 -16 31.1 20.2	-0.99 - 2.9	0.3/03.4	27356
1997 SH ₂	2004 08 03.2	20 54.44 -13 05.9 19.0	-0.86 - 5.2	2.2/04.0	47714
1999 RN ₁₅₆	2004 08 03.2	20 54.63 -22 37.6 17.8	-0.88 - 0.9	1.6/02.2	35479
2003 EL ₂₄	2004 08 03.2	20 54.64 -19 54.9 19.8	-0.89 - 4.6	0.8/02.7	50750

2001 VJ ₈₂	2004 08 03.2	20 54.65 -24 02.9 20.0	-1.09 - 2.4	2.4/01.9	33499	1999 RG ₁₄	2004 08 03.4	20 55.59 +10 01.0 18.0	-0.95 -23.2	12.6/14.8	12929
2001 SJ ₃₁₂	2004 08 03.2	20 54.68 -14 44.8 19.3	-1.01 - 6.7	1.1/03.9	53696	2001 XX ₂₂₀	2004 08 03.5	20 55.51 -25 14.5 20.3	-0.94 - 4.0	2.7/01.6	47058
2000 SC ₁₇₅	2004 08 03.2	20 54.68 +03 48.5 19.5	-0.85 - 1.7	7.8/08.0	13765	1997 SP ₆	2004 08 03.5	20 55.53 -16 10.4 20.1	-0.99 - 4.5	9.4/24.0	43329
2000 QE ₁₂₁	2004 08 03.2	20 54.68 -31 10.2 18.0	-1.21 + 3.1	5.8/01.1	47921	2003 FS ₇₄	2004 08 03.5	20 55.59 -01 37.0 20.3	-0.72 - 7.0	4.9/08.2	47445
2000 QF ₁₅₆	2004 08 03.2	20 54.74 -00 32.1 19.3	-0.82 - 6.0	5.9/07.8	47924	2000 QT ₁₅₆	2004 08 03.5	20 55.59 -01 48.3 19.6	-0.85 - 3.7	6.6/07.2	47924
2002 BS ₁₉	2004 08 03.2	20 54.75 -22 33.7 20.0	-0.77 - 4.1	1.4/02.0	48196	2001 SL ₁₄₄	2004 08 03.5	20 55.78 -14 10.8 20.1	-1.02 - 4.0	1.4/04.3	49931
1993 FH ₁₇	2004 08 03.2	20 54.81 -11 41.4 20.0	-0.80 - 4.9	1.6/04.7	30243	2000 SS ₁₈₅	2004 08 03.5	20 55.79 -19 12.1 19.8	-0.90 - 3.3	0.7/03.1	47957
2000 SS ₂₁	2004 08 03.3	20 54.74 -46 06.8 20.1	-1.42 + 1.5	11.7/27.9	47941	2000 SK ₄₆	2004 08 03.5	20 55.81 +01 23.5 18.3	-0.94 - 0.7	7.0/07.3	47944
2001 YJ ₅₄	2004 08 03.3	20 54.75 -22 29.7 18.9	-0.97 - 3.8	2.4/02.1	47087	2001 YE ₈₀	2004 08 03.5	20 55.84 -21 05.5 19.7	-0.92 - 4.8	1.3/02.6	48178
2000 QT ₁₆₇	2004 08 03.3	20 54.79 -18 54.2 19.6	-0.98 - 1.7	0.5/03.0	29260	2000 QE ₁	2004 08 03.5	20 55.91 -27 33.7 17.9	-1.07 + 1.0	4.9/01.7	47910
2002 CF ₁₇₉	2004 08 03.3	20 54.82 -21 03.2 20.1	-0.90 - 4.2	1.3/02.4	48208	2003 GZ ₅	2004 08 03.5	20 55.93 -36 39.1 20.1	-0.92 - 2.2	5.8/30.0	50759
2001 UY ₂₁₁	2004 08 03.3	20 54.83 -07 00.9 19.3	-0.88 - 4.0	5.2/05.9	33943	1998 BE ₂₀	2004 08 03.6	20 55.93 -13 28.6 19.7	-0.95 - 1.0	1.3/04.4	47722
2001 SY ₂₄₆	2004 08 03.3	20 54.89 -16 16.2 19.3	-0.96 - 5.1	0.4/03.6	43428	1999 TQ ₆₅	2004 08 03.6	20 55.96 -19 03.0 20.6	-0.79 - 3.0	0.5/03.2	29117
2001 UF ₃₆	2004 08 03.3	20 54.91 -04 16.5 18.7	-0.89 - 6.6	4.9/06.8	48135	2002 FA ₃₉	2004 08 03.6	20 55.97 -31 52.4 19.6	-0.83 - 6.0	4.4/30.5	48226
2003 HG ₃₈	2004 08 03.3	20 54.92 -08 55.7 21.2	-0.75 - 3.0	2.2/05.4	56748	2000 HK ₃₉	2004 08 03.6	20 55.98 -30 04.3 18.2	-0.96 - 7.3	6.0/31.0	47888
2000 TD ₄₅	2004 08 03.3	20 54.93 -39 48.7 19.4	-1.06 - 4.3	9.4/28.1	10635	2000 DR ₁₀₆	2004 08 03.6	20 55.99 -20 07.6 17.7	-0.90 - 9.3	1.4/02.8	47860
2001 TM ₃₈	2004 08 03.3	20 54.96 -00 43.0 18.6	-0.96 - 0.2	6.1/06.6	50561	2003 FS ₅₁	2004 08 03.6	20 56.00 -23 16.8 20.1	-0.92 - 3.7	2.0/02.2	50755
2000 XR ₄₀	2004 08 03.3	20 55.01 -14 05.5 16.6	-1.12 + 3.4	1.4/03.8	30437	2001 XF ₁₈₄	2004 08 03.6	20 56.05 -12 24.7 18.4	-0.93 - 4.0	1.9/04.8	30582
1999 RT ₁₀₆	2004 08 03.3	20 55.02 -26 28.5 19.1	-1.05 + 1.0	3.0/01.7	11545	1993 PA ₈	2004 08 03.6	20 56.06 -13 34.0 17.5	-0.90 - 0.1	2.0/04.0	25677
2001 SE ₁₆₉	2004 08 03.3	20 55.03 -21 42.0 20.1	-1.06 - 4.0	1.6/02.4	25979	2002 CO ₃₉	2004 08 03.6	20 56.10 -16 23.9 20.1	-0.76 - 3.6	0.3/03.9	48199
2001 UJ ₂₀	2004 08 03.3	20 55.04 -25 31.7 20.2	-1.01 - 6.0	3.9/01.3	48133	2001 UJ ₁₄₅	2004 08 03.6	20 56.11 -36 44.0 21.1	-1.06 - 4.0	6.2/29.8	46834
2000 DE ₅₆	2004 08 03.3	20 55.04 -22 43.2 17.4	-0.97 - 1.9	2.9/02.2	25771	2001 VX ₅₈	2004 08 03.6	20 56.14 -07 39.6 17.9	-0.97 - 1.5	4.3/05.7	50573
2000 SJ ₃₁₆	2004 08 03.3	20 55.05 -01 41.7 17.0	-0.85 + 5.8	8.6/05.4	13778	2000 WG ₈₉	2004 08 03.6	20 56.17 -35 50.9 19.6	-0.94 - 4.0	5.8/29.8	47990
1995 SQ ₁₈	2004 08 03.3	20 55.11 -17 13.7 19.3	-1.06 - 4.0	0.1/03.4	53577	1999 RA ₅₇	2004 08 03.6	20 56.23 -19 02.7 18.4	-0.86 - 1.2	0.5/03.3	47789
2000 YB ₈₇	2004 08 03.3	20 55.17 -16 12.8 19.3	-0.77 - 2.4	0.3/03.7	30442	2000 SJ ₁₃₇	2004 08 03.6	20 56.24 +08 33.5 19.0	-0.82 - 1.4	10.8/09.8	9823
2001 WU ₅₁	2004 08 03.3	20 55.22 -18 35.8 20.7	-1.04 - 3.9	0.6/03.1	48158	2000 QK ₆₇	2004 08 03.6	20 56.24 -39 48.8 18.9	-1.15 - 1.0	8.1/29.6	47916
2000 JC ₆₆	2004 08 03.4	20 55.14 -28 48.6 19.3	-1.03 - 8.0	4.7/31.3	50476	2002 CK ₂₆	2004 08 03.6	20 56.25 +16 49.9 16.9	-1.19 + 9.9	17.4/07.1	62386
2002 XC ₆₉	2004 08 03.4	20 55.15 -50 10.3 19.7	-1.92 + 2.3	14.5/28.3	43240	2000 QB ₁₉₄	2004 08 03.6	20 56.27 -13 22.9 17.9	-0.78 -12.0	1.6/04.9	50484
2000 RS ₆₄	2004 08 03.4	20 55.16 +03 41.2 19.6	-0.84 - 3.8	7.4/08.6	47936	2000 UG ₆₁	2004 08 03.6	20 56.27 -38 39.8 18.0	-1.09 + 0.3	9.2/30.1	47979
2001 VC ₁₂₁	2004 08 03.4	20 55.17 -35 20.1 20.5	-0.97 - 4.9	5.3/29.7	26053	2001 TT ₁₀₁	2004 08 03.6	20 56.29 -20 13.1 20.5	-1.03 - 4.1	1.1/03.0	30483
2001 UZ ₁₅₀	2004 08 03.4	20 55.19 -23 01.6 20.7	-1.00 - 5.0	2.1/02.0	46837	2001 QF ₂₉₅	2004 08 03.6	20 56.30 -05 16.2 19.0	-0.89 - 6.0	5.9/06.8	46575
2001 XW ₁₀₁	2004 08 03.4	20 55.20 -32 53.8 18.8	-1.00 - 6.7	5.3/30.1	30575	2001 TL ₁₁₄	2004 08 03.7	20 56.32 -29 58.9 17.9	-1.11 - 1.7	6.4/31.9	30486
2003 EH ₃₀	2004 08 03.4	20 55.20 -23 37.8 19.9	-1.07 + 0.4	2.4/02.3	50750	2001 YY ₆₆	2004 08 03.7	20 56.33 -29 52.2 20.9	-1.03 - 5.9	4.4/31.4	24015
2000 VO ₁₃	2004 08 03.4	20 55.21 -25 07.2 19.7	-0.81 - 4.2	2.2/01.5	47984	2000 RS ₃	2004 08 03.7	20 56.33 -10 00.2 18.6	-0.77 - 7.0	3.3/05.7	13719
2001 YN ₁₂₂	2004 08 03.4	20 55.21 -24 01.0 20.9	-0.96 - 3.2	2.0/01.9	30601	2003 HY ₃₁	2004 08 03.7	20 56.36 -03 47.4 19.2	-0.74 - 4.4	4.3/07.3	50763
2000 UQ ₃₇	2004 08 03.4	20 55.24 -15 06.2 19.3	-0.82 - 3.7	0.7/04.0	47977	2003 EY ₂₆	2004 08 03.7	20 56.44 -18 00.1 19.8	-1.00 - 3.6	0.3/03.6	47348
2000 SQ ₃₅₅	2004 08 03.4	20 55.26 -39 12.0 19.2	-1.06 - 4.5	8.4/28.4	46499	2000 YF ₁₁₀	2004 08 03.7	20 56.44 -17 16.6 19.1	-0.83 - 1.1	7.0/15.0	17521
1999 RT ₁₉	2004 08 03.4	20 55.31 -35 49.9 17.8	-0.99 - 0.1	5.2/30.6	30305	2000 DN ₆₈	2004 08 03.7	20 56.46 -19 56.2 18.7	-1.07 - 2.6	1.2/03.2	47858
2001 UC ₅₄	2004 08 03.4	20 55.33 -23 30.4 17.7	-1.00 - 9.5	2.6/01.7	30512	2003 AW ₂₂	2004 08 03.7	20 56.48 -06 53.0 18.2	-1.58 +10.6	5.6/04.3	48310
2001 UE ₁₀₀	2004 08 03.4	20 55.33 -29 51.8 19.2	-1.06 - 3.9	4.7/31.5	50569	2000 YO ₆₅	2004 08 03.7	20 56.58 -13 18.8 18.8	-0.81 - 2.9	1.3/04.7	27760
2000 HH ₇₁	2004 08 03.4	20 55.34 -17 08.8 18.6	-0.98 - 5.8	10.6/24.0	1636	2002 BY ₂₃	2004 08 03.7	20 56.62 -35 04.8 18.8	-0.94 - 2.1	5.9/30.6	48196
1997 AF ₈	2004 08 03.4	20 55.37 -14 46.7 21.2	-0.79 - 2.9	0.7/04.1	47708	2001 SK ₂₀₄	2004 08 03.7	20 56.63 -27 44.1 19.5	-1.14 - 2.9	4.2/01.5	50557
1999 FH ₇	2004 08 03.4	20 55.38 -49 18.0 19.9	-1.40 - 0.7	9.8/27.2	47773	2001 XO ₅₄	2004 08 03.7	20 56.72 -18 18.6 19.8	-0.92 - 3.9	0.4/03.5	48162
2002 BU ₈	2004 08 03.4	20 55.38 -19 13.3 20.6	-0.74 - 5.4	0.5/03.0	50589	2000 TS ₁₅	2004 08 03.7	20 56.72 -24 37.3 19.2	-0.92 - 3.0	2.7/02.1	47971
2000 XZ ₂₉	2004 08 03.4	20 55.39 -22 03.7 19.8	-0.86 - 1.2	1.3/02.4	11010	2001 WB ₂₃	2004 08 03.7	20 56.81 -58 57.4 19.4	-1.64 + 0.7	12.7/24.6	46931
2002 AY ₉	2004 08 03.4	20 55.45 -17 48.9 19.9	-0.96 - 1.3	0.1/03.4	30604	2002 AD ₁₄₈	2004 08 03.8	20 56.68 -18 08.2 18.6	-1.21 + 3.4	0.3/03.7	26136
2000 SJ ₂₅₄	2004 08 03.4	20 55.47 -20 49.2 19.6	-0.86 - 4.7	1.1/02.6	47962	2001 VE ₄₀	2004 08 03.8	20 56.68 -17 58.0 20.3	-0.99 - 3.8	0.3/03.6	48150
2002 AT ₁₀₇	2004 08 03.4	20 55.47 -16 30.5 20.0	-0.97 - 1.9	0.3/03.6	30616	2000 HS ₉₁	2004 08 03.8	20 56.69 -31 07.8 18.1	-0.99 - 1.0	7.1/31.8	19692
2000 QR ₁₂₆	2004 08 03.4	20 55.50 -10 56.2 19.0	-0.91 - 2.9	2.6/04.9	47922	1999 RL ₁₂₁	2004 08 03.8	20 56.69 -02 59.8 19.8	-0.75 - 4.0	5.1/07.5	49683
1999 RP ₁₁₄	2004 08 03.4	20 55.55 -30 51.5 19.8	-1.04 - 0.1	4.5/31.7	10893	2003 GJ ₁	2004 08 03.8	20 56.75 -25 25.3 20.9	-0.93 - 3.4	2.5/01.9	47500
2001 XG ₁₉₂	2004 08 03.4	20 55.57 -16 50.3 19.4	-0.92 - 5.6	0.2/03.6	48171	2000 RB ₈₃	2004 08 03.8	20 56.75 -13 08.1 19.7	-0.88 - 2.4	1.2/04.7	29303

2001 XF ₅	2004 08 03.8	20 56.79	-16 00.6	19.6	-1.01	- 4.8	0.5/04.0	30560
2001 VM ₁₁₀	2004 08 03.8	20 56.85	-06 31.1	21.2	-0.91	- 2.3	3.5/06.2	30549
2003 CH ₂₀	2004 08 03.8	20 56.88	-20 01.1	18.4	-0.90	- 9.2	1.3/03.1	50745
2002 EX ₁₅	2004 08 03.8	20 56.91	-01 24.4	20.0	-0.73	- 3.7	4.7/07.9	48216
2001 XH ₁₂₀	2004 08 03.8	20 56.92	-20 29.5	20.1	-1.00	- 5.5	1.2/03.1	26078
2001 TP ₇₉	2004 08 03.8	20 56.92	-08 17.8	17.7	-0.89	- 6.1	3.6/06.2	62369
2001 WW	2004 08 03.8	20 56.98	-07 43.2	21.0	-0.85	- 3.2	3.0/06.1	48155
2003 GV ₃	2004 08 03.8	20 56.98	-23 08.3	19.6	-0.93	- 2.8	2.1/02.5	50759
1995 YH ₄	2004 08 03.8	20 57.06	+14 18.2	20.4	-0.67	- 3.7	6.9/13.1	31806
2001 XJ ₁₆	2004 08 03.8	20 57.06	+13 59.0	19.6	-1.19	+ 5.3	10.7/07.7	26065
2000 QX ₂₂	2004 08 03.8	20 57.07	-11 17.4	18.9	-0.91	- 3.8	2.5/05.3	27675
2001 UL ₁₁₉	2004 08 03.8	20 57.08	-21 41.5	19.2	-0.97	- 4.2	1.7/02.8	50570
2000 RQ ₆₄	2004 08 03.8	20 57.13	+02 36.8	19.7	-0.85	- 4.0	6.9/08.8	47935
2001 QS ₈₄	2004 08 03.8	20 57.19	-56 16.1	19.7	-1.46	- 1.1	10.0/24.6	30459
2001 WU ₁₄	2004 08 03.9	20 57.06	-28 11.4	20.5	-1.02	- 4.6	4.0/01.2	50575
2000 SP ₃₉	2004 08 03.9	20 57.06	-28 19.0	17.4	-0.81	- 5.6	5.3/31.8	7565
2001 XA ₁₉₅	2004 08 03.9	20 57.08	-14 09.7	19.6	-0.95	- 4.5	1.3/04.6	48171
2001 XK ₇₇	2004 08 03.9	20 57.11	-09 33.9	20.2	-0.92	- 5.2	2.8/05.8	46993
2001 XU ₁₅₉	2004 08 03.9	20 57.13	-16 13.5	18.7	-0.93	- 5.0	11.2/15.0	48169
2002 CB ₁₁₀	2004 08 03.9	20 57.13	-20 15.7	19.3	-0.80	- 3.8	0.9/03.2	29823
2002 YM ₁₅	2004 08 03.9	20 57.15	-30 41.4	19.3	-0.99	- 9.0	5.3/31.0	48307
2001 XG ₁₂₇	2004 08 03.9	20 57.16	-14 18.3	19.8	-0.91	- 3.7	1.1/04.6	48167
2003 EL ₃₁	2004 08 03.9	20 57.18	-15 51.4	18.3	-0.86	- 5.8	0.6/04.3	56745
2001 RQ ₁₃₁	2004 08 03.9	20 57.20	-19 38.9	18.8	-1.06	- 5.4	1.1/03.4	48080
2001 XN ₅₉	2004 08 03.9	20 57.26	-33 54.6	17.1	-0.92	-10.2	6.9/29.6	62383
2000 SL ₂₆₈	2004 08 03.9	20 57.30	-55 26.5	20.3	-1.24	- 1.2	9.8/24.9	47964
2001 TA ₂₀	2004 08 03.9	20 57.31	-11 27.7	18.6	-1.04	- 1.3	2.2/05.1	48115
1999 FL ₃₃	2004 08 03.9	20 57.31	-01 50.7	19.1	-0.84	- 6.6	5.7/08.3	50406
2001 UC ₆	2004 08 03.9	20 57.32	-03 21.1	18.8	-0.72	- 4.5	7.7/07.7	48133
1999 RH ₂₀₁	2004 08 03.9	20 57.33	-27 01.6	17.3	-1.12	+ 5.0	4.1/02.6	47796
2000 HS ₂₈	2004 08 03.9	20 57.35	-67 59.8	17.6	-1.47	- 1.0	24.5/15.0	62296
2000 QG ₁₃₈	2004 08 03.9	20 57.36	-26 21.7	18.2	-0.92	- 1.5	4.3/02.0	13704
2002 AO ₁₁₉	2004 08 03.9	20 57.44	-22 24.4	20.8	-0.86	- 7.3	1.6/02.5	50587
2000 UP ₂₁	2004 08 03.9	20 57.47	-15 48.2	18.9	-0.83	- 5.3	0.5/04.4	47976
1999 FH ₂	2004 08 03.9	20 57.49	-14 47.7	20.8	-0.93	- 4.4	0.9/04.6	47772
2003 FW ₉₂	2004 08 03.9	20 57.51	-14 25.0	19.7	-0.81	- 5.7	0.9/04.7	47467
2001 XB ₃₁	2004 08 03.9	20 57.52	-05 20.3	20.8	-0.90	- 1.2	3.7/06.5	30565
2001 TQ ₃₃	2004 08 03.9	20 57.53	-29 58.4	18.2	-1.11	- 0.2	6.5/01.4	46708
2000 JH ₇₆	2004 08 04.0	20 57.51	-16 27.3	18.7	-0.96	- 5.1	0.3/04.2	41651
1999 TX ₂₄₅	2004 08 04.0	20 57.55	-63 57.6	20.0	-1.90	- 1.1	23.0/20.0	47812
2000 RB ₂₇	2004 08 04.0	20 57.57	-07 28.5	18.7	-0.92	- 1.6	4.0/06.1	13724
2001 XF ₁₈₆	2004 08 04.0	20 57.62	-19 25.8	19.1	-0.87	- 6.5	0.9/03.4	50580
2002 AR ₁₄₉	2004 08 04.0	20 57.63	-19 41.5	19.4	-1.01	- 2.9	1.1/03.5	47151
2003 HP ₁₀	2004 08 04.0	20 57.69	-17 05.4	20.7	-0.77	- 4.7	0.0/04.1	50762
2001 SF ₁₀₁	2004 08 04.0	20 57.69	-11 20.3	20.4	-0.99	- 5.2	2.4/05.5	48093
2001 SH ₁₇₆	2004 08 04.0	20 57.70	-34 20.1	20.4	-1.19	- 3.4	6.4/31.0	25980
2001 UV ₇₅	2004 08 04.0	20 57.71	-30 07.7	18.1	-1.00	- 8.4	6.3/31.2	30515
2001 UY ₅₅	2004 08 04.0	20 57.72	-07 02.1	19.8	-0.99	- 3.7	4.1/06.4	46799
2001 RC ₉₈	2004 08 04.0	20 57.73	-23 15.8	20.5	-1.07	- 2.8	2.4/02.8	50551
1995 SP ₄₈	2004 08 04.0	20 57.77	-16 54.7	19.4	-0.83	- 4.4	0.1/04.1	39911
2000 SZ ₁₀₀	2004 08 04.0	20 57.78	+06 53.6	17.6	-0.84	+ 0.6	10.7/09.2	47949

2002 CR ₁₆₆	2004 08 04.0	20 57.80	-25 01.4	19.6	-0.81	- 3.3	2.2/02.2	50593
2001 QA ₂₁₉	2004 08 04.0	20 57.85	-39 46.9	19.8	-1.51	+ 2.7	8.0/31.6	50547
2001 XU ₂₅	2004 08 04.0	20 57.86	-07 39.8	20.2	-0.90	- 0.8	2.8/06.0	30564
1998 UE ₁₃	2004 08 04.1	20 57.82	-15 58.9	20.2	-1.04	- 4.5	0.5/04.4	47753
2001 UP ₃₀	2004 08 04.1	20 57.85	-32 39.3	17.9	-0.95	- 6.8	7.8/30.6	30508
2000 WG ₉₉	2004 08 04.1	20 57.88	-05 09.9	20.1	-0.79	- 1.6	3.7/06.8	9877
2002 BZ ₃₀	2004 08 04.1	20 57.89	-38 44.1	19.2	-1.18	- 1.7	8.1/30.0	35570
2001 XD ₄₁	2004 08 04.1	20 57.91	-40 10.8	19.3	-1.08	- 4.1	7.9/29.1	50577
2001 SS ₄₅	2004 08 04.1	20 57.93	-28 39.2	18.7	-1.08	- 4.4	4.4/01.4	48088
2000 ST ₂₆₂	2004 08 04.1	20 57.97	-22 32.4	18.6	-0.93	- 6.2	2.3/02.7	47963
2000 SU ₁₀₇	2004 08 04.1	20 58.02	-22 17.4	18.8	-0.91	- 2.5	1.9/03.0	47949
2001 UG ₁₄₆	2004 08 04.1	20 58.06	-31 52.6	18.8	-1.04	- 3.7	6.4/31.6	23887
2002 AU ₈₅	2004 08 04.1	20 58.09	-08 41.4	19.9	-0.86	- 3.3	3.0/06.1	62386
2001 VG ₄₀	2004 08 04.1	20 58.14	-23 45.8	18.6	-1.00	- 6.5	2.8/02.4	30537
2002 CM ₃₀₃	2004 08 04.1	20 58.14	-03 44.0	19.8	-0.71	- 8.3	4.1/08.3	47189
2002 AD ₁₁	2004 08 04.1	20 58.16	-13 09.0	19.7	-0.91	- 5.0	1.4/05.2	57849
2001 VS ₂₄	2004 08 04.1	20 58.17	-21 41.8	19.2	-1.05	- 3.9	1.8/03.1	30533
2000 SM ₂₇₆	2004 08 04.1	20 58.17	-05 46.1	18.7	-0.98	+ 1.5	4.6/06.2	47964
2000 RH ₁₀₁	2004 08 04.1	20 58.18	-11 42.7	18.0	-1.05	+ 3.0	2.3/05.0	47939
2001 QJ ₂₄₆	2004 08 04.1	20 58.19	-10 28.3	18.2	-0.94	- 7.7	3.1/06.0	53695
2001 WU ₃₃	2004 08 04.1	20 58.21	-20 18.7	19.1	-0.90	- 5.6	1.4/03.4	56319
2000 SY ₁₅₃	2004 08 04.1	20 58.23	-25 37.7	19.0	-0.85	- 3.3	2.5/02.1	30395
2001 YD ₇₄	2004 08 04.1	20 58.23	-21 27.6	20.0	-0.92	- 4.0	1.5/03.2	49947
2001 TD ₈₇	2004 08 04.1	20 58.24	-13 01.7	20.1	-0.98	- 3.3	1.5/05.1	48121
2001 TX ₁₈₁	2004 08 04.1	20 58.30	-28 21.7	18.6	-1.09	- 0.5	5.6/02.0	27267
2001 XG ₁₇₅	2004 08 04.2	20 58.23	-16 45.8	19.0	-0.88	- 5.1	0.1/04.3	27331
2001 SZ ₂₅	2004 08 04.2	20 58.24	-10 58.6	19.6	-0.99	- 6.2	2.6/05.7	46612
2000 QV ₂₆	2004 08 04.2	20 58.24	-16 27.2	18.9	-0.92	- 1.7	0.3/04.4	47912
2002 CT ₁₅₈	2004 08 04.2	20 58.24	-14 38.7	19.1	-0.84	- 8.9	0.9/04.9	48207
2002 AY ₁₆₆	2004 08 04.2	20 58.28	-11 50.7	19.2	-0.92	- 5.1	2.0/05.5	48193
2001 RF ₅₈	2004 08 04.2	20 58.29	-18 26.6	19.5	-1.03	- 6.5	0.5/03.9	48074
2000 QP ₂₀₀	2004 08 04.2	20 58.30	-18 38.2	18.9	-0.87	- 6.8	0.6/03.8	47928
2001 TH ₅₁	2004 08 04.2	20 58.35	-21 57.2	19.9	-1.05	- 5.1	1.9/03.1	33931
2001 XX ₄₁	2004 08 04.2	20 58.35	-34 33.3	21.1	-0.96	- 3.3	4.9/30.9	48161
2002 CW ₄	2004 08 04.2	20 58.35	-39 36.7	19.3	-0.89	- 5.7	5.7/28.7	50589
1999 TC ₁₀₉	2004 08 04.2	20 58.40	+02 53.1	18.7	-0.78	- 1.6	6.2/08.8	30321
2003 BO ₈₀	2004 08 04.2	20 58.40	-28 02.5	19.3	-1.09	- 4.0	4.3/01.7	47291
2001 YB ₅₇	2004 08 04.2	20 58.43	-23 40.5	19.7	-0.92	- 3.3	2.3/02.7	48177
2000 ST ₂₄₅	2004 08 04.2	20 58.48	-30 21.5	19.2	-0.99	- 3.0	4.7/01.1	60720
2000 JJ ₆₃	2004 08 04.2	20 58.49	-15 18.0	19.0	-1.00	- 1.8	0.9/04.6	47895
2000 SH ₁₃	2004 08 04.2	20 58.50	-29 50.0	18.2	-1.07	- 0.9	5.1/01.6	30386
2000 GQ ₁₂₁	2004 08 04.2	20 58.54	-18 15.2	19.5	-0.97	- 4.4	0.5/04.0	25020
2002 AO ₉₇	2004 08 04.2	20 58.54	-18 14.8	19.4	-0.92	- 1.7	0.4/04.0	27807
2001 UA ₂₁₆	2004 08 04.2	20 58.58	-13 29.3	19.7	-0.99	- 2.7	1.5/05.1	48146
2002 BZ ₈	2004 08 04.2	20 58.66	-19 57.6	19.0	-0.84	- 4.0	0.9/03.6	30630
2003 FF ₈₃	2004 08 04.2	20 58.66	-52 46.1	19.4	-1.33	- 1.9	11.7/25.7	47454
1999 RE ₁₀₃	2004 08 04.3	20 58.64	-13 29.2	17.3	-1.07	+ 5.7	1.7/04.7	38803
2001 XE ₁₀₇	2004 08 04.3	20 58.65	-27 28.1	17.7	-0.95	- 1.1	5.5/02.1	27317
2002 BZ ₁	2004 08 04.3	20 58.66	-15 28.3	18.9	-0.97	- 4.6	0.7/04.7	38332
1998 FO ₈₅	2004 08 04.3	20 58.67	-33 14.8	19.7	-1.01	- 2.1	4.7/31.6	47727
2001 YQ ₅₁	2004 08 04.3	20 58.68	-16 50.2	19.2	-0.95	- 2.9	0.1/04.4	48177

2000 WO ₁₆₃	2004 08 04.3	20 58.70 -21 26.5 19.9	-0.83 - 3.6	1.3/03.3	27753
2000 SK ₁₅	2004 08 04.3	20 58.70 +05 19.5 19.1	-0.82 - 3.3	8.7/10.0	47940
2002 AW ₁₆	2004 08 04.3	20 58.71 -21 14.0 19.1	-0.76 - 6.4	1.2/03.2	48185
2001 SX ₂₃₁	2004 08 04.3	20 58.71 -15 28.7 19.9	-1.01 - 4.5	0.6/04.7	23765
1993 FT ₄₅	2004 08 04.3	20 58.73 -02 51.1 19.6	-0.76 - 6.2	4.7/08.4	47687
2001 QH ₈₂	2004 08 04.3	20 58.76 -14 07.8 17.8	-1.08 - 0.8	1.3/04.9	48052
1993 TU ₃₇	2004 08 04.3	20 58.82 -26 21.7 18.7	-0.88 - 6.5	4.5/01.8	47689
2001 US ₂	2004 08 04.3	20 58.82 -04 09.5 18.6	-0.89 - 4.0	6.1/07.5	48132
2000 SE ₉₁	2004 08 04.3	20 58.83 -07 19.3 19.0	-1.02 + 1.0	4.0/06.0	29335
2003 DF ₁₉	2004 08 04.3	20 58.84 -15 07.7 20.4	-0.98 - 4.0	0.7/04.8	50747
2002 CM ₂₁₆	2004 08 04.3	20 58.92 -16 42.1 20.5	-0.78 - 3.8	0.1/04.5	48209
2002 DD ₆	2004 08 04.3	20 58.93 -05 03.5 18.9	-1.05 - 1.6	5.4/06.7	30697
2002 CS ₁₇₂	2004 08 04.3	20 58.93 -18 16.9 19.1	-0.76 - 7.5	0.3/04.0	30675
2001 XU ₄₂	2004 08 04.3	20 58.99 -37 21.1 19.3	-1.01 - 4.4	6.3/30.0	26068
2003 BL ₄₇	2004 08 04.3	20 59.03 -23 53.4 21.1	-1.31 + 2.8	2.2/03.4	43275
2003 FD ₁₀₇	2004 08 04.3	20 59.04 +02 25.9 20.5	-0.82 - 5.6	6.1/09.9	48357
1999 CT ₇₄	2004 08 04.3	20 59.05 -10 32.7 18.4	-0.99 - 2.3	2.5/05.8	47768
2003 FK ₈₄	2004 08 04.4	20 59.02 -14 34.8 19.0	-0.98 - 1.1	0.9/04.9	50757
2002 CT ₂	2004 08 04.4	20 59.03 -27 06.9 18.4	-0.94 - 0.8	3.4/02.3	48197
2001 TZ ₂₈	2004 08 04.4	20 59.07 -14 04.6 19.4	-0.95 - 2.6	1.0/05.1	48116
1997 YE	2004 08 04.4	20 59.10 -11 02.6 19.5	-0.93 - 2.9	2.1/05.8	25698
2001 WW ₁₄	2004 08 04.4	20 59.14 -27 48.2 20.5	-0.95 - 4.1	3.6/01.8	46929
2000 SH ₂₉₀	2004 08 04.4	20 59.19 -18 46.6 18.6	-0.93 - 1.8	0.6/04.1	30404
1992 DR ₁₁	2004 08 04.4	20 59.20 -13 50.9 19.1	-0.76 - 6.8	1.1/05.4	47684
2001 WP ₃₃	2004 08 04.4	20 59.25 -24 31.4 20.2	-1.02 - 6.2	3.1/02.5	46937
2000 VM ₃	2004 08 04.4	20 59.26 -19 38.2 20.4	-1.07 - 1.0	0.9/04.0	35536
2000 SE ₂₄₇	2004 08 04.4	20 59.29 -27 18.1 20.1	-0.95 - 3.3	3.7/02.0	47962
2002 AB ₈₃	2004 08 04.4	20 59.31 -11 49.0 21.1	-0.87 - 4.8	1.7/05.8	48188
2001 TT	2004 08 04.4	20 59.46 -60 21.6 20.1	-1.53 - 2.8	11.5/21.9	30472
2003 BN ₈₀	2004 08 04.5	20 59.37 -29 46.3 19.2	-1.17 + 1.4	5.1/02.3	48322
2003 FX ₇₇	2004 08 04.5	20 59.39 -28 04.9 19.6	-1.00 - 3.1	3.9/02.0	48353
2000 QF ₁₁₉	2004 08 04.5	20 59.44 -18 46.4 18.4	-0.96 - 1.8	0.6/04.2	27683
2002 AF ₁₅₁	2004 08 04.5	20 59.45 -20 04.3 18.9	-0.86 - 1.1	0.9/03.9	30622
2000 TX ₅	2004 08 04.5	20 59.46 -26 24.0 21.6	-0.96 - 2.6	2.8/02.4	20828
2001 RD ₇	2004 08 04.5	20 59.48 -28 23.1 19.7	-1.13 - 3.4	4.6/01.9	46580
1998 EH ₂₁	2004 08 04.5	20 59.49 +06 47.9 18.2	-0.89 -20.1	11.5/13.9	23450
2000 SA ₁₃₅	2004 08 04.5	20 59.51 +04 13.6 18.4	-0.81 - 3.9	8.7/10.4	47952
2000 SC ₂₆₈	2004 08 04.5	20 59.54 +05 40.9 19.6	-0.75 - 6.4	9.4/11.4	46493
2001 SH ₂₅₀	2004 08 04.5	20 59.57 -31 11.3 18.9	-1.07 - 3.5	5.4/01.3	48107
1981 ED ₂₉	2004 08 04.5	20 59.58 -23 11.9 19.4	-1.13 - 0.4	2.5/03.4	39896
2001 SJ ₆₂	2004 08 04.5	20 59.61 -34 04.8 19.2	-1.20 - 1.5	8.3/31.7	57843
2002 CA ₂₄₈	2004 08 04.5	20 59.62 -18 35.7 19.8	-0.77 - 3.7	0.4/04.2	31971
1991 FM ₂	2004 08 04.5	20 59.65 +00 58.8 20.5	-0.69 - 4.9	4.1/09.5	33752
2000 WV ₁₇₃	2004 08 04.5	20 59.67 -29 35.1 18.6	-0.81 - 5.5	3.5/01.1	50509
1979 MH ₈	2004 08 04.5	20 59.70 -13 17.2 18.1	-0.83 - 5.0	1.9/05.5	20668
1999 RS ₂₀₁	2004 08 04.5	20 59.80 +02 00.3 18.4	-0.75 - 1.9	5.4/09.0	30313
2003 AA ₈	2004 08 04.5	20 59.81 -29 10.3 18.9	-1.14 + 0.9	4.1/02.5	48309
2001 YD ₁₂₂	2004 08 04.5	20 59.83 -23 25.2 19.4	-1.04 - 0.9	2.8/03.3	48182
2001 XG ₇₇	2004 08 04.6	20 59.78 -09 31.8 20.0	-0.88 - 4.1	2.6/06.4	50578
2000 QS ₁₉₉	2004 08 04.6	20 59.80 -30 03.3 18.4	-1.09 - 0.7	4.6/01.9	30375
2000 SB ₃₄₇	2004 08 04.6	20 59.82 -13 04.1 18.3	-0.77 -12.7	1.7/05.9	47968

2000 OQ ₃₂	2004 08 04.6	20 59.82 -10 15.3 17.6	-0.80 + 0.2	3.6/06.0	47905
2001 VR ₁₁₇	2004 08 04.6	20 59.86 +02 06.4 19.5	-0.91 - 1.3	6.4/08.8	30550
2000 RQ ₄₆	2004 08 04.6	20 59.89 -00 40.4 18.6	-0.89 - 2.2	6.3/08.2	34961
1994 WB ₅	2004 08 04.6	20 59.92 -19 32.9 21.4	-1.06 - 4.5	1.0/04.1	24938
2003 BT ₆₆	2004 08 04.6	20 59.96 -11 20.8 19.2	-0.85 - 8.4	2.0/06.3	50742
2003 CO ₁₀	2004 08 04.6	20 59.99 -15 01.2 21.0	-0.97 - 5.3	0.8/05.1	48325
1999 RM ₁₂₃	2004 08 04.6	21 00.05 -04 40.3 18.9	-0.77 - 2.4	3.8/07.6	47792
1988 DL	2004 08 04.6	21 00.09 -05 34.7 18.3	-0.85 - 2.2	3.8/07.3	47681
2002 CR ₂₅₉	2004 08 04.6	21 00.11 -27 55.1 20.6	-0.95 - 3.0	3.4/02.1	33965
2001 XL ₁₉₀	2004 08 04.6	21 00.12 -19 48.3 18.1	-0.97 - 7.9	1.3/03.9	30583
2001 QL ₂₈	2004 08 04.6	21 00.13 -07 54.0 17.3	-0.73 - 5.2	5.1/07.2	48048
2001 WF ₁₀	2004 08 04.6	21 00.17 -18 12.2 18.4	-0.93 - 7.9	0.5/04.4	48156
2001 XC ₁₈₄	2004 08 04.6	21 00.17 -13 45.4 21.0	-0.89 - 4.6	1.1/05.5	25484
2000 QY ₅₀	2004 08 04.6	21 00.18 -30 54.2 17.6	-1.18 + 3.3	6.4/02.5	62305
2001 UC ₁₃₆	2004 08 04.6	21 00.19 -02 09.1 20.2	-0.87 - 4.8	5.1/08.6	50570
2002 AR ₇₁	2004 08 04.6	21 00.21 -31 48.3 17.2	-0.91 -10.4	6.2/30.9	62386
2000 SN ₁₇₃	2004 08 04.6	21 00.22 -07 04.6 17.2	-0.97 + 2.1	4.4/06.4	62309
2002 AT ₁₃	2004 08 04.6	21 00.22 -23 11.0 19.6	-1.00 - 3.7	2.0/03.3	35142
2000 SH ₃₆₉	2004 08 04.7	21 00.15 -16 23.4 19.2	-0.89 - 1.8	0.2/04.8	27727
2000 KY ₇₄	2004 08 04.7	21 00.20 -21 37.3 19.0	-0.94 - 5.7	2.1/03.5	23552
2000 RL ₁₀₅	2004 08 04.7	21 00.24 -02 27.7 17.7	-0.98 + 4.9	7.1/06.9	62308
2000 RC ₈	2004 08 04.7	21 00.24 -37 45.2 18.9	-1.76 + 9.2	8.8/02.9	25128
2001 UU ₇₅	2004 08 04.7	21 00.24 -13 47.9 19.0	-0.93 - 5.3	1.3/05.5	48138
2003 FL ₉₂	2004 08 04.7	21 00.24 -21 37.6 21.0	-0.97 - 4.4	1.6/03.6	47466
1997 SP ₂₀	2004 08 04.7	21 00.25 -28 03.1 19.8	-1.08 - 2.9	4.2/02.2	47715
2000 SD ₂₁₆	2004 08 04.7	21 00.26 -07 30.4 20.6	-0.81 - 4.4	2.9/07.1	30399
2002 AZ ₁₃₁	2004 08 04.7	21 00.32 -12 05.0 20.5	-0.94 - 2.7	1.7/05.8	26135
2000 DO ₁₄	2004 08 04.7	21 00.32 -18 50.0 18.1	-1.01 - 7.6	0.8/04.3	712
2001 VD ₂₅	2004 08 04.7	21 00.32 -22 37.4 20.0	-1.07 - 4.5	2.4/03.4	30533
2001 VP ₄₇	2004 08 04.7	21 00.36 +14 23.7 19.6	-0.90 - 0.7	10.1/12.3	46886
2003 HC ₁₅	2004 08 04.7	21 00.37 -33 07.3 19.2	-0.88 - 5.0	5.6/31.4	47550
2002 AA ₁₅₆	2004 08 04.7	21 00.39 -24 10.1 19.6	-0.87 - 1.4	2.1/03.2	30623
2000 QJ ₁₆₂	2004 08 04.7	21 00.46 -07 08.4 18.3	-0.92 - 2.0	3.8/06.9	47924
2000 PB ₂₃	2004 08 04.7	21 00.49 -30 04.6 18.2	-1.02 - 3.8	5.7/01.5	47909
2001 UM ₂₀₃	2004 08 04.7	21 00.49 -38 49.5 18.4	-1.14 - 0.8	9.9/31.3	50571
2001 VU ₁₈	2004 08 04.7	21 00.49 -07 04.0 19.2	-0.90 - 3.6	3.4/07.2	48148
2000 YQ ₇₃	2004 08 04.7	21 00.54 -05 40.2 18.9	-0.84 - 1.2	4.1/07.2	27760
1997 AO ₁₀	2004 08 04.7	21 00.55 -17 47.0 20.1	-0.83 - 4.6	0.3/04.6	47708
2000 SN ₁₃₉	2004 08 04.7	21 00.56 +07 48.8 17.6	-0.80 + 0.1	11.6/10.5	9823
2000 JQ ₄₄	2004 08 04.8	21 00.57 -25 56.1 18.2	-0.98 - 4.8	4.3/02.6	47894
2001 XN ₁₁₈	2004 08 04.8	21 00.58 -27 55.0 19.3	-0.96 - 5.6	3.7/01.9	27788
2000 UB ₁₄	2004 08 04.8	21 00.61 -24 30.1 20.5	-0.98 - 1.6	2.7/03.2	29445
2000 MS ₁	2004 08 04.8	21 00.62 -26 16.9 17.5	-0.94 - 7.4	4.2/02.2	62303
2000 SU ₃₄₇	2004 08 04.8	21 00.67 -21 51.9 18.2	-1.21 + 4.5	1.9/04.2	27726
2000 SG ₁	2004 08 04.8	21 00.70 +22 49.6 18.8	-1.04 + 4.9	15.3/12.1	18291
2000 BJ ₂₉	2004 08 04.8	21 00.76 -20 02.0 17.3	-0.95 + 1.3	1.0/04.3	27659
2002 AD ₁₅	2004 08 04.8	21 00.77 -43 32.4 20.1	-0.99 - 2.8	7.5/29.0	47123
2001 OX ₁₀₈	2004 08 04.8	21 00.77 -23 54.9 19.9	-1.05 - 3.9	3.5/03.2	27768
2000 QK ₁₇₀	2004 08 04.8	21 00.78 -16 09.0 18.6	-0.93 - 2.4	0.3/05.0	25827
1996 BA ₁₁	2004 08 04.8	21 00.79 -08 47.9 20.3	-0.79 - 1.5	2.4/06.7	28949
2000 RW ₁₃	2004 08 04.8	21 00.81 -08 18.6 18.7	-0.92 - 1.3	2.9/06.7	47932

2002 XA ₆₆	2004 08 04.8	21 00.81	-52 40.1	20.2	-1.43	-	2.9	11.2/26.7	50723
2001 YE ₁₃	2004 08 04.8	21 00.85	-23 55.6	19.4	-0.93	-	4.6	2.6/03.1	48175
1999 RZ ₉₅	2004 08 04.8	21 00.86	-31 20.5	18.4	-0.88	-	2.9	4.4/01.3	33820
2002 FA ₉	2004 08 04.8	21 00.90	-05 54.2	20.7	-0.59	-	3.0	2.3/07.8	30730
2003 BH ₈₁	2004 08 04.8	21 00.95	-28 21.8	19.2	-0.96	-	8.2	4.4/01.7	48323
2001 VP ₂₁	2004 08 04.8	21 00.98	-30 08.3	18.4	-1.01	-	4.1	5.5/01.7	48148
2000 EO ₁₅₂	2004 08 04.9	21 00.91	-12 11.0	19.8	-1.00	-	6.3	2.1/06.1	60638
2000 RW ₈₈	2004 08 04.9	21 00.92	-16 19.8	18.5	-1.03	+	0.8	0.2/05.0	30384
1999 TU ₁₆₀	2004 08 04.9	21 00.97	-06 55.8	18.8	-0.75	-	2.9	3.1/07.4	30323
1035 T-2	2004 08 04.9	21 00.99	+14 17.1	19.0	-0.91	-	7.7	11.9/14.3	48389
2000 PY ₂₈	2004 08 04.9	21 01.01	-35 11.8	17.8	-1.17	-	1.0	6.9/31.9	47909
1981 EP ₈	2004 08 04.9	21 01.02	-23 52.6	19.7	-1.07	+	0.6	2.7/03.7	26916
2003 FP ₁₀₆	2004 08 04.9	21 01.02	-27 31.0	19.0	-0.82	-	3.4	3.5/02.3	47478
2000 SK ₂₅₂	2004 08 04.9	21 01.04	-08 33.1	19.6	-0.83	-	6.4	3.1/07.2	47962
2001 XJ ₁₄₀	2004 08 04.9	21 01.09	-17 55.8	18.8	-0.89	-	5.1	0.4/04.7	47024
2001 YQ ₁₂₄	2004 08 04.9	21 01.12	-35 31.3	19.3	-1.05	-	5.3	6.6/30.9	30601
2000 UU ₄₂	2004 08 04.9	21 01.14	+02 19.0	19.3	-0.79	-	4.0	7.6/10.0	47977
2000 SK ₄₉	2004 08 04.9	21 01.18	-25 50.7	18.1	-1.10	+	3.3	4.1/03.6	47944
2002 CG ₂₄	2004 08 04.9	21 01.21	-04 27.7	20.9	-0.84	-	2.7	3.9/07.9	48198
2001 RQ ₆₉	2004 08 04.9	21 01.31	-19 41.4	19.0	-1.06	-	2.5	1.1/04.4	48075
2003 BH ₁₆	2004 08 04.9	21 01.32	-22 50.2	20.7	-1.06	-	4.5	2.3/03.6	48317
2000 SM ₁₃₇	2004 08 04.9	21 01.33	-12 52.9	19.7	-0.89	-	2.1	1.4/05.9	47952
2003 HS ₈	2004 08 04.9	21 01.33	-17 52.4	20.0	-0.79	-	3.8	0.3/04.8	50762
2000 SD ₃₃₅	2004 08 04.9	21 01.34	-18 49.7	19.8	-0.85	-	5.5	0.6/04.5	47968
2001 YD ₂₃	2004 08 04.9	21 01.34	-22 45.0	20.7	-1.03	-	4.5	2.3/03.6	29742
2002 CH ₂₁₁	2004 08 04.9	21 01.35	-21 22.3	19.4	-0.85	-	4.1	1.6/03.9	62387
2001 XA ₁₈₀	2004 08 05.0	21 01.30	-13 22.4	17.8	-0.87	-	4.5	1.7/05.9	47040
2001 VQ ₂₃	2004 08 05.0	21 01.30	-27 13.0	17.9	-1.02	-	3.5	4.6/02.6	46869
2001 VD ₁₃	2004 08 05.0	21 01.31	-21 23.3	17.3	-1.09	-	0.8	1.7/04.1	50572
2001 YS ₁₂₃	2004 08 05.0	21 01.32	-20 38.8	18.5	-0.99	-	2.5	1.4/04.2	48182
4289 T-3	2004 08 05.0	21 01.34	-16 02.7	19.4	-0.77	-	4.9	0.3/05.2	13877
1999 RP ₁₀₇	2004 08 05.0	21 01.35	-02 29.0	18.2	-0.77	-	2.0	4.4/08.4	30308
2001 US ₉₁	2004 08 05.0	21 01.37	-13 18.7	19.6	-0.92	-	6.7	1.4/06.0	46808
2000 VS ₃₈	2004 08 05.0	21 01.39	+02 05.4	21.3	-0.71	-	2.9	4.7/09.9	33300
2002 AG ₁₇₇	2004 08 05.0	21 01.40	-19 56.6	19.7	-0.81	-	3.0	0.9/04.3	30626
2001 VF ₄₈	2004 08 05.0	21 01.44	-01 28.0	19.2	-0.99	-	1.5	6.4/08.2	30539
2001 TP ₄₅	2004 08 05.0	21 01.44	-15 28.5	19.4	-0.96	-	4.2	0.5/05.4	48117
2001 XH ₃₃	2004 08 05.0	21 01.47	-22 29.0	20.1	-0.85	-	6.0	1.7/03.5	26068
2003 FL ₄₅	2004 08 05.0	21 01.50	-18 34.8	20.1	-0.85	-	3.6	0.6/04.6	50755
2003 GY ₄₉	2004 08 05.0	21 01.51	-20 07.2	18.3	-1.00	+	0.6	1.2/04.5	47535
2000 SU ₄₇	2004 08 05.0	21 01.52	-12 01.1	20.0	-0.96	-	0.6	1.6/06.0	47944
2000 QX ₁₀	2004 08 05.0	21 01.56	-18 40.3	17.0	-1.10	+	3.2	0.8/04.8	47910
2001 TJ ₂₄₀	2004 08 05.0	21 01.59	-20 52.9	19.6	-0.95	-	9.1	1.4/03.9	35565
1999 JW ₂₈	2004 08 05.0	21 01.60	-38 10.5	20.4	-1.09	-	2.7	7.1/31.0	46361
2002 AB ₁₁₀	2004 08 05.0	21 01.67	-17 12.4	17.8	-0.94	+	1.2	0.1/05.0	48190
2001 UO ₁₄₅	2004 08 05.0	21 01.68	-15 08.6	20.9	-0.94	-	5.4	0.7/05.5	46834
2001 SF ₂₆₅	2004 08 05.1	21 01.69	-30 18.5	18.8	-1.14	-	2.1	6.2/02.1	23774
2000 GA ₇₀	2004 08 05.1	21 01.70	-26 45.1	18.2	-0.92	-	1.0	5.3/03.0	50471
2001 YS ₁₇	2004 08 05.1	21 01.71	-14 20.5	19.3	-0.86	-	3.3	0.8/05.7	48176
2001 VA ₆₀	2004 08 05.1	21 01.72	-11 49.5	18.3	-0.94	+	0.2	2.7/06.1	23913
2001 TL ₁₈₄	2004 08 05.1	21 01.73	-10 37.4	20.1	-0.97	-	3.9	2.4/06.6	48129

2001 RC ₁₃₄	2004 08 05.1	21 01.73	-11 26.9	19.5	-0.96	-	7.3	2.1/06.6	48080
1999 GF ₁₁	2004 08 05.1	21 01.74	-17 21.8	20.6	-0.95	-	4.1	0.2/05.0	47775
2000 SO ₃₄	2004 08 05.1	21 01.79	-19 27.8	19.3	-0.91	-	3.5	1.0/04.5	47942
2000 SM ₃₀₁	2004 08 05.1	21 01.80	-16 18.7	19.3	-0.91	-	2.0	0.2/05.3	27723
2002 CQ ₄₉	2004 08 05.1	21 01.81	-21 36.2	19.9	-0.89	-	1.0	1.5/04.1	30645
2002 CT ₁₄₀	2004 08 05.1	21 01.83	-10 26.3	20.4	-0.84	-	3.7	2.1/06.7	48206
2001 WW ₄₄	2004 08 05.1	21 01.85	-37 01.2	19.8	-1.03	-	5.1	6.8/30.7	46945
2000 NP ₂₂	2004 08 05.1	21 01.85	-02 59.2	17.7	-1.04	+	1.3	4.9/07.5	47902
1999 TY ₁₈₄	2004 08 05.1	21 01.88	-22 41.6	19.3	-0.98	+	0.5	1.9/04.0	12175
2001 TL ₁₄₅	2004 08 05.1	21 01.90	-30 16.4	19.9	-1.05	-	4.4	4.5/01.9	48125
2000 SH ₆₉	2004 08 05.1	21 01.95	-03 11.5	19.4	-0.79	-	5.7	4.2/08.9	30389
2002 AU ₄₁	2004 08 05.1	21 01.95	-13 03.8	21.3	-0.87	-	3.3	1.2/06.1	47131
2003 FJ ₂₄	2004 08 05.1	21 01.95	-14 46.7	19.8	-0.92	-	3.6	0.8/05.7	47407
2000 SO ₁₈₉	2004 08 05.1	21 01.96	+07 24.1	19.8	-0.81	-	3.5	10.8/11.2	7587
2001 SY ₆₈	2004 08 05.1	21 01.99	-16 09.7	19.8	-0.97	-	6.2	0.3/05.4	46629
2003 FW ₉₃	2004 08 05.1	21 01.99	-05 32.2	19.1	-0.80	-	8.0	3.9/08.5	47468
2001 UG ₇₆	2004 08 05.1	21 02.03	-08 10.6	18.9	-0.93	-	5.9	3.6/07.4	48138
2000 QU ₂₅₂	2004 08 05.1	21 02.11	-09 55.2	21.6	-0.81	-	6.3	2.0/07.1	60710
1993 TX ₃₁	2004 08 05.1	21 02.14	-16 05.4	18.2	-0.93	-	6.0	0.4/05.4	25678
1999 XX ₂₃₂	2004 08 05.1	21 02.16	+12 31.4	18.7	-1.29	+	5.0	14.1/09.4	42916
2001 SR ₁₀₆	2004 08 05.2	21 02.11	-02 16.1	18.7	-0.95	-	3.1	5.5/08.6	48094
2000 WQ ₇₃	2004 08 05.2	21 02.13	-20 29.5	20.6	-0.80	-	2.7	0.9/04.4	29557
2002 CM ₁₂₅	2004 08 05.2	21 02.13	-14 57.7	19.2	-0.78	-	3.0	0.6/05.7	48205
2002 BW ₂₄	2004 08 05.2	21 02.15	-11 39.0	19.6	-0.85	-	7.4	1.8/06.7	30633
2000 XC ₁₉	2004 08 05.2	21 02.17	-04 13.7	18.7	-0.91	+	0.2	4.3/07.7	9889
2000 LW ₆	2004 08 05.2	21 02.25	-26 14.4	17.5	-0.91	-	8.2	4.4/02.5	50477
2002 CY ₁₄₁	2004 08 05.2	21 02.31	-06 56.1	20.1	-0.84	-	6.6	3.3/07.9	31969
2000 GE ₁₀₀	2004 08 05.2	21 02.32	-15 14.9	18.5	-1.05	-	3.2	0.7/05.6	43361
2001 XQ ₁₁₂	2004 08 05.2	21 02.32	-17 00.4	20.6	-0.89	-	4.9	0.0/05.2	26077
1999 CV ₈₃	2004 08 05.2	21 02.33	-21 30.4	19.0	-1.00	-	4.6	1.6/04.1	62238
2000 HE ₈₇	2004 08 05.2	21 02.36	-25 10.8	18.9	-0.99	-	7.5	3.5/03.0	47890
2001 SA ₁₆₉	2004 08 05.2	21 02.39	-15 54.7	18.5	-0.97	-	4.2	0.4/05.5	48101
2002 AB ₉	2004 08 05.2	21 02.40	-09 51.1	19.8	-0.73	-	5.9	2.0/07.2	50584
2002 CY ₁₃₉	2004 08 05.2	21 02.40	-08 46.9	20.6	-0.71	-	4.8	2.2/07.5	47179
2002 AS ₈₈	2004 08 05.2	21 02.41	-13 21.2	19.9	-0.76	-	4.8	1.0/06.2	47141
2000 UY	2004 08 05.2	21 02.42	-14 53.4	19.0	-0.81	-	3.9	0.7/05.8	47975
2001 TA ₁₁₇	2004 08 05.3	21 02.43	-11 15.6	18.9	-0.99	-	1.6	2.4/06.5	46749
2002 AM ₈₇	2004 08 05.3	21 02.47	-10 51.3	20.4	-0.74	-	4.1	1.7/06.9	27391
2000 JD ₆₄	2004 08 05.3	21 02.54	-05 57.0	19.0	-0.91	-	3.8	5.1/08.0	25025
2003 GF ₃₅	2004 08 05.3	21 02.57	-13 22.5	19.3	-0.81	-	7.6	1.1/06.3	62444
1999 TF ₂₄₄	2004 08 05.3	21 02.58	-10 01.2	18.9	-0.74	-	4.8	2.6/07.2	46382
2001 UU ₁₃	2004 08 05.3	21 02.59	-16 55.6	17.9	-0.89	-	7.1	0.0/05.3	46783
1999 RU ₁₀₇	2004 08 05.3	21 02.61	+09 37.9	19.4	-0.70	-	6.5	7.1/13.6	30308
2000 SF ₁₆₈	2004 08 05.3	21 02.64	-21 20.2	18.7	-1.00	+	0.5	1.8/04.5	47955
1999 CG ₈₈	2004 08 05.3	21 02.67	-28 59.4	19.7	-1.06	-	4.5	4.3/02.4	50404
2001 XH ₁₀₅	2004 08 05.3	21 02.70	-17 33.5	17.8	-0.98	-	1.8	0.3/05.2	56320
2001 QB ₇₆	2004 08 05.3	21 02.79	-26 51.9	17.7	-1.16	-	1.7	4.6/03.2	48051
2000 QW ₁₃₈	2004 08 05.3	21 02.79	-34 35.5	19.0	-1.12	-	0.1	6.2/01.6	30371
2000 UJ ₆₆	2004 08 05.3	21 02.81	-18 39.6	19.4	-0.89	-	2.9	0.7/05.0	27736
2003 EY ₁₂	2004 08 05.3	21 02.84	-02 36.8	19.6	-0.78	-	6.8	4.7/09.5	50749
2000 UG ₉₆	2004 08 05.3	21 02.84	-07 31.7	18.9	-0.90	-	2.0	3.4/07.4	13794

1998 FE ₃₅	2004 08 05.3	21 02.85	-11 42.5	19.8	-0.92	- 4.7	1.7/06.6	47725
2000 UY ₈₁	2004 08 05.4	21 02.83	-13 50.9	19.9	-0.82	- 5.3	1.1/06.2	47980
1999 TY ₁₁₁	2004 08 05.4	21 02.85	-19 09.0	18.7	-0.80	- 2.5	0.7/04.9	30321
2000 US ₇₈	2004 08 05.4	21 02.88	-18 07.0	20.5	-0.78	- 3.2	0.4/05.1	47980
1998 GN ₃	2004 08 05.4	21 02.89	-03 57.3	19.9	-0.78	- 9.0	3.6/09.4	50384
2001 XP ₁₃₈	2004 08 05.4	21 02.92	-10 52.0	19.0	-0.97	- 4.2	2.6/06.8	47023
2003 FR ₅₁	2004 08 05.4	21 02.93	-09 08.6	20.5	-0.86	- 5.6	2.6/07.5	48349
2001 SU ₁₁₈	2004 08 05.4	21 02.95	-12 50.3	20.1	-1.08	- 2.9	1.8/06.3	48095
2000 HL ₆₀	2004 08 05.4	21 02.97	-33 40.2	18.2	-1.06	- 2.5	8.2/01.4	23537
2000 SA ₃₁₃	2004 08 05.4	21 02.98	+04 43.4	17.4	-0.82	+ 3.0	10.9/09.3	9837
2000 SS ₄₅	2004 08 05.4	21 02.99	+07 31.5	17.9	-0.81	- 1.9	11.1/11.7	50488
2003 HB ₁₄	2004 08 05.4	21 03.01	+01 37.4	19.7	-0.76	- 4.7	5.8/10.6	50191
2000 QX ₂₀₅	2004 08 05.4	21 03.01	-10 49.3	18.0	-0.77	- 6.0	2.8/07.1	47928
2002 AV ₁₀₂	2004 08 05.4	21 03.03	-21 14.6	19.7	-0.85	- 3.5	1.5/04.4	48190
1996 EM ₁₁	2004 08 05.4	21 03.04	-13 48.9	20.4	-0.96	- 6.6	1.2/06.2	50375
2000 WX ₁₃₄	2004 08 05.4	21 03.06	-15 28.2	18.6	-0.86	- 1.6	0.4/05.8	47992
2001 TH ₇₂	2004 08 05.4	21 03.06	-26 16.6	19.0	-1.03	- 3.8	3.9/03.2	48119
2001 PP ₄₁	2004 08 05.4	21 03.13	-20 38.9	18.7	-1.12	- 2.7	1.8/04.6	48045
2001 VL ₁₃	2004 08 05.4	21 03.15	-25 30.2	18.5	-1.09	- 1.1	4.2/03.7	46864
2001 YN ₂₄	2004 08 05.4	21 03.15	-26 10.6	19.8	-0.95	- 4.0	3.4/03.2	48176
2002 AU ₁₅₆	2004 08 05.4	21 03.16	-14 12.4	20.1	-0.88	- 6.0	1.0/06.2	48192
2001 UX ₁₆₀	2004 08 05.4	21 03.19	-24 27.7	18.2	-0.95	- 6.3	3.7/03.4	30526
1999 TZ ₁₀₇	2004 08 05.4	21 03.19	-05 51.6	18.2	-0.81	- 1.1	3.3/07.9	47805
1998 WE ₁₉	2004 08 05.4	21 03.22	-30 58.7	20.2	-1.17	- 4.7	6.0/01.9	50399
2001 YR ₈₉	2004 08 05.4	21 03.24	-25 47.7	18.9	-0.96	- 6.3	4.4/03.0	48180
1994 UM ₆	2004 08 05.4	21 03.25	-33 39.4	18.4	-0.96	- 1.0	5.9/01.8	46323
2002 AC ₁₇₆	2004 08 05.4	21 03.26	-17 05.4	20.2	-0.81	- 2.8	0.1/05.4	48193
2000 UE ₅₂	2004 08 05.4	21 03.26	-35 12.6	18.9	-0.91	- 3.0	5.6/31.8	47978
2003 CB ₇	2004 08 05.4	21 03.28	-19 00.6	19.5	-0.98	- 5.0	0.8/05.0	48325
2000 SY ₉₁	2004 08 05.4	21 03.29	-07 42.6	19.3	-0.99	- 0.2	3.2/07.2	27707
2002 CS ₁₅₈	2004 08 05.5	21 03.21	-19 12.2	20.0	-0.80	- 4.2	0.7/04.9	48207
2001 TN ₈	2004 08 05.5	21 03.22	-17 07.7	17.2	-1.01	- 0.9	0.1/05.4	48114
2000 SW ₁₉₃	2004 08 05.5	21 03.27	-26 07.9	18.2	-0.90	- 5.0	3.9/03.1	47957
1999 HG ₃	2004 08 05.5	21 03.32	-21 01.5	18.6	-0.90	- 6.4	1.4/04.4	47776
1981 EN ₂₈	2004 08 05.5	21 03.36	-22 34.3	20.2	-1.06	- 2.5	2.3/04.3	50365
2000 FM ₆₀	2004 08 05.5	21 03.36	-26 51.7	18.5	-0.98	- 6.1	4.8/02.9	50469
1999 TB ₁₁₇	2004 08 05.5	21 03.36	-33 03.3	18.1	-0.94	- 0.6	5.3/01.9	47806
1999 SU ₅	2004 08 05.5	21 03.39	-63 57.7	18.3	-2.14	+ 3.1	23.9/22.0	41581
2000 YT ₅	2004 08 05.5	21 03.42	-38 56.3	18.3	-0.99	- 2.8	7.5/30.7	9894
2002 DO ₅	2004 08 05.5	21 03.42	-04 53.0	18.7	-0.79	- 2.0	4.1/08.4	48214
2000 SM ₁₈₉	2004 08 05.5	21 03.43	-22 17.1	20.2	-0.96	- 1.5	1.9/04.4	27716
2002 CE ₂₁₄	2004 08 05.5	21 03.46	-16 28.2	20.0	-0.78	- 4.4	0.1/05.6	30683
2001 UU ₄₄	2004 08 05.5	21 03.46	-20 34.4	18.2	-0.88	- 6.0	1.9/04.5	30511
2001 XH ₁₉₅	2004 08 05.5	21 03.48	-17 04.0	18.8	-0.97	- 4.9	0.1/05.5	48171
1999 RE ₁₄₄	2004 08 05.5	21 03.49	-17 58.3	18.7	-0.88	- 0.8	0.4/05.3	47793
2001 YS ₇₆	2004 08 05.5	21 03.49	-25 22.2	19.5	-0.92	- 4.2	3.1/03.4	48178
2000 XP ₅	2004 08 05.5	21 03.51	-28 19.6	19.1	-0.88	- 1.6	3.5/02.9	47995
1995 ST ₅₀	2004 08 05.5	21 03.55	-19 06.6	21.5	-1.13	- 3.8	1.1/05.1	6729
2001 XH ₁₈₄	2004 08 05.5	21 03.55	-12 46.0	20.1	-0.97	- 4.9	1.7/06.5	48170
2000 SX ₆₀	2004 08 05.5	21 03.60	-17 23.1	19.1	-0.89	- 4.0	0.2/05.4	47945
2000 QV ₂₂₇	2004 08 05.5	21 03.60	-14 37.5	19.0	-0.87	- 3.9	0.9/06.1	47930

2001 XZ ₁₃₄	2004 08 05.5	21 03.62	-16 36.3	20.4	-0.92	- 4.3	0.1/05.6	48168
2000 SC ₅₈	2004 08 05.5	21 03.64	-27 36.0	19.7	-0.94	- 3.0	3.7/03.0	47945
2001 UK ₁₅₃	2004 08 05.5	21 03.67	-37 32.2	20.4	-1.06	- 4.5	6.7/31.1	48143
1999 RB ₂₉	2004 08 05.6	21 03.60	-44 20.7	19.7	-1.23	+ 1.6	7.5/30.8	47788
2003 EH ₄	2004 08 05.6	21 03.63	-18 23.7	19.5	-1.06	- 0.6	0.6/05.3	48331
2003 BQ ₇₂	2004 08 05.6	21 03.63	-06 59.5	18.8	-0.89	- 6.3	3.9/08.3	50742
2000 GF ₁₆₂	2004 08 05.6	21 03.64	-26 05.5	18.1	-1.01	- 6.8	3.9/03.1	47884
2000 RB ₁₀₁	2004 08 05.6	21 03.65	-08 26.3	18.8	-0.95	- 0.2	2.9/07.3	30385
2001 TN ₂₂₆	2004 08 05.6	21 03.67	-23 02.5	19.6	-1.03	- 4.1	2.6/04.1	43442
2001 VA ₆₁	2004 08 05.6	21 03.70	+04 25.1	17.9	-0.98	+ 0.5	9.9/10.3	23060
2003 BA	2004 08 05.6	21 03.71	-13 25.1	19.6	-0.97	- 6.4	1.3/06.5	50173
2003 DC ₆	2004 08 05.6	21 03.75	-24 21.9	20.3	-1.02	- 2.1	2.7/04.0	48327
1999 RE ₂₁₃	2004 08 05.6	21 03.79	+01 32.9	18.2	-0.84	0.0	6.4/09.6	27639
2002 AM ₅₇	2004 08 05.6	21 03.83	-14 12.8	19.3	-0.74	- 4.6	0.7/06.3	50585
2001 XP ₂₁₅	2004 08 05.6	21 03.86	-26 22.3	20.6	-0.96	- 4.6	3.4/03.2	47055
2002 AZ ₅₁	2004 08 05.6	21 03.91	-16 35.2	19.5	-0.81	- 4.4	0.1/05.7	50585
1999 UM ₅₄	2004 08 05.6	21 03.96	-04 52.5	20.7	-0.71	- 4.2	3.3/08.9	47817
1999 XX ₁₀	2004 08 05.6	21 04.01	+06 58.3	18.6	-0.82	+ 0.6	8.6/10.6	47828
2001 XB ₂₅	2004 08 05.6	21 04.04	-35 59.0	18.5	-1.07	- 7.6	7.4/30.9	50577
2001 XB ₁₈₂	2004 08 05.7	21 04.02	-17 33.5	18.4	-0.94	- 7.0	0.3/05.5	47042
2003 BV ₄₄	2004 08 05.7	21 04.05	-21 19.1	19.7	-1.01	- 5.3	1.9/04.6	50740
2000 TQ ₁₀	2004 08 05.7	21 04.06	-37 52.3	20.7	-1.01	- 1.6	6.0/31.7	29425
2000 GF ₁₀₀	2004 08 05.7	21 04.06	-19 30.0	18.9	-1.08	- 2.5	1.2/05.1	41632
2000 WK ₅	2004 08 05.7	21 04.07	-24 05.9	19.3	-0.85	- 2.0	2.1/04.0	27745
2000 KB ₅₇	2004 08 05.7	21 04.07	-04 22.3	18.0	-1.00	- 3.1	5.0/09.0	41655
2001 TV ₁₀₁	2004 08 05.7	21 04.09	-11 57.8	19.8	-0.99	- 3.9	1.9/06.8	46740
2000 XJ ₆	2004 08 05.7	21 04.10	-32 35.0	17.4	-0.97	- 1.4	5.7/02.0	47995
1998 MV ₁	2004 08 05.7	21 04.12	-08 42.8	19.1	-0.78	- 3.1	2.9/07.7	50387
2003 FH ₁₀₂	2004 08 05.7	21 04.13	-16 52.2	17.7	-0.91	- 7.7	0.0/05.7	50757
2000 UT ₉₅	2004 08 05.7	21 04.14	-20 04.9	18.7	-0.91	- 1.7	1.2/05.0	27739
2000 QF ₁₂₂	2004 08 05.7	21 04.14	-04 07.6	18.9	-0.77	- 5.8	5.6/09.0	46437
2001 VJ ₃₂	2004 08 05.7	21 04.14	-19 05.9	19.3	-1.07	- 3.8	1.0/05.2	26043
1999 RD ₂₄₁	2004 08 05.7	21 04.14	-34 12.8	19.2	-0.91	- 4.1	5.4/32.0	47798
2000 WK ₁₇	2004 08 05.7	21 04.15	-18 31.3	21.6	-0.72	- 3.0	0.4/05.3	30423
2003 BX ₆₁	2004 08 05.7	21 04.18	-17 00.2	19.5	-1.01	- 2.8	0.1/05.7	48321
1999 TA ₁₃₂	2004 08 05.7	21 04.18	-13 58.3	19.4	-0.78	- 3.4	0.9/06.4	60545
1999 RM ₂₀₅	2004 08 05.7	21 04.19	-01 34.3	18.3	-0.80	- 0.9	4.9/09.1	27638
2002 CG ₂₁₀	2004 08 05.7	21 04.20	-18 41.8	20.2	-0.79	- 3.3	0.6/05.3	38333
2000 KE ₅₉	2004 08 05.7	21 04.23	-07 19.1	18.9	-0.94	- 5.2	3.9/08.2	47898
2000 GS ₄₄	2004 08 05.7	21 04.26	-14 21.6	19.9	-1.02	- 5.4	1.0/06.3	50470
2001 YH ₈₇	2004 08 05.7	21 04.33	-21 32.4	20.1	-0.94	- 3.3	1.7/04.6	48180
2002 AO ₅₃	2004 08 05.7	21 04.38	-15 51.4	20.6	-0.83	- 7.5	0.3/06.0	47133
2001 YO ₈₁	2004 08 05.7	21 04.40	-16 36.9	20.3	-0.79	- 3.3	0.0/05.8	48179
2000 QS ₁₆₇	2004 08 05.8	21 04.35	-14 52.3	17.8	-0.96	0.0	0.8/06.2	43382
1999 FJ ₅₃	2004 08 05.8	21 04.37	-22 03.4	19.2	-1.00	- 2.4	2.0/04.6	47774
2000 QN ₁₇₂	2004 08 05.8	21 04.38	-07 40.0	18.3	-0.71	+ 1.1	5.1/07.7	7543
2002 CR ₂₈₄	2004 08 05.8	21 04.48	-20 40.3	21.4	-0.81	- 2.1	1.1/04.9	29913
2003 BB ₄₀	2004 08 05.8	21 04.48	-19 37.5	17.9	-0.88	- 7.4	1.3/05.0	61708
2001 VL ₂₄	2004 08 05.8	21 04.50	-19 34.1	19.8	-1.01	- 4.1	1.1/05.2	48148
2001 UN ₁₁₈	2004 08 05.8	21 04.55	-26 29.4	19.3	-0.95	- 5.9	4.9/03.2	30520
1995 UF ₃₉	2004 08 05.8	21 04.55	-17 11.2	19.8	-0.85	- 3.3	0.2/05.7	30249

2000 SS ₃₅₄	2004 08 05.8	21 04.56	-22 05.5	18.9	-0.93	- 5.9	2.0/04.4	47969
2001 XD ₂₁₉	2004 08 05.8	21 04.57	-17 54.0	18.0	-0.94	- 3.4	0.5/05.6	62384
2001 TM ₂₂	2004 08 05.8	21 04.63	-23 47.2	20.7	-1.11	- 3.0	3.1/04.3	46704
2000 GV ₁	2004 08 05.8	21 04.64	+21 57.7	19.6	-0.94	- 5.9	14.2/20.0	47875
2000 UV ₁₂	2004 08 05.8	21 04.65	-32 57.4	21.1	-0.90	- 1.6	4.0/02.0	30411
2000 RL ₂₂	2004 08 05.8	21 04.67	+04 02.9	19.7	-0.80	- 5.5	7.6/11.7	47933
2000 SK ₁₃₂	2004 08 05.8	21 04.76	-12 15.4	20.2	-1.00	+ 0.2	1.5/06.7	47952
2001 WC ₇	2004 08 05.8	21 04.76	-05 23.2	19.1	-0.90	- 4.5	4.6/08.8	48155
2001 WA ₃₄	2004 08 05.8	21 04.77	-18 19.0	20.1	-0.89	- 4.9	0.5/05.5	46938
2002 AX ₂₉	2004 08 05.8	21 04.80	-30 02.3	18.9	-0.85	- 4.6	4.2/02.3	48185
2002 BU ₂₇	2004 08 05.8	21 04.81	-22 57.3	20.4	-0.93	- 5.2	2.3/04.3	47165
2001 XH ₁₄₆	2004 08 05.9	21 04.76	-23 51.0	20.5	-0.89	- 5.1	2.4/04.0	47027
2000 HL ₆₅	2004 08 05.9	21 04.77	-29 31.4	19.8	-0.92	- 6.0	6.2/02.4	47889
2001 VV ₁	2004 08 05.9	21 04.79	-31 00.9	18.1	-0.87	- 4.4	7.9/01.9	46858
2001 SU ₅₄	2004 08 05.9	21 04.80	-17 25.2	19.4	-0.99	- 7.0	0.3/05.7	48089
2002 AC ₄	2004 08 05.9	21 04.81	+19 02.7	20.3	-0.71	- 3.2	8.6/17.1	50584
2001 SY ₄₃	2004 08 05.9	21 04.82	-11 05.2	20.3	-0.94	- 5.2	1.9/07.3	48087
1999 XT ₂₃	2004 08 05.9	21 04.91	-17 06.5	19.4	-0.76	- 3.6	0.1/05.8	47828
2001 SW ₄₆	2004 08 05.9	21 04.93	-29 08.4	19.3	-1.13	- 3.7	5.1/03.0	46619
2002 AL ₁₀₇	2004 08 05.9	21 04.96	-18 52.8	19.9	-0.83	- 4.5	0.7/05.4	47145
2003 GC ₂₂	2004 08 05.9	21 04.99	-01 40.5	19.6	-0.75	- 4.8	4.9/10.2	47520
2002 CA	2004 08 05.9	21 05.04	-52 06.8	18.4	-1.40	- 0.7	11.9/27.6	47167
1999 RD ₁₈₄	2004 08 05.9	21 05.06	-43 08.5	18.8	-1.06	- 0.1	7.2/30.8	30313
2000 OA ₄₆	2004 08 05.9	21 05.07	-21 25.0	17.7	-1.07	+ 0.2	1.7/05.1	27670
2003 FA ₅₀	2004 08 05.9	21 05.07	-02 26.0	18.4	-0.69	- 7.5	5.0/10.4	50755
2001 XL ₁₁₀	2004 08 05.9	21 05.14	-24 32.0	21.0	-1.01	- 6.7	3.0/03.9	47012
2001 VH ₁₁₅	2004 08 05.9	21 05.15	-04 27.2	19.8	-0.91	- 2.5	4.3/08.8	30550
2000 JV ₅₇	2004 08 05.9	21 05.15	-08 01.3	18.5	-0.97	- 4.9	3.5/08.2	50476
2002 EX ₁₂₅	2004 08 05.9	21 05.17	-23 51.4	19.8	-0.89	- 1.8	2.4/04.4	31984
2001 UQ ₁₅₃	2004 08 05.9	21 05.18	-07 07.5	19.5	-0.92	- 4.5	3.6/08.4	48143
1999 TY ₆₅	2004 08 06.0	21 05.15	-08 44.1	18.7	-0.76	- 3.0	3.0/08.0	50424
2003 EO ₂₃	2004 08 06.0	21 05.17	-24 10.3	18.8	-0.90	- 4.4	2.7/04.1	50750
2001 UH ₂₂₁	2004 08 06.0	21 05.23	-22 45.8	18.4	-0.97	- 4.8	2.7/04.5	37741
2002 YU ₃₁	2004 08 06.0	21 05.27	-20 08.3	18.7	-0.89	- 9.1	1.3/05.0	48308
2003 BO ₇₉	2004 08 06.0	21 05.27	-28 57.6	19.6	-1.06	- 5.1	4.7/03.0	50742
2002 CC ₄₀	2004 08 06.0	21 05.32	+01 07.5	19.8	-0.69	- 4.5	4.7/11.0	48199
2003 FX ₁₈	2004 08 06.0	21 05.32	-12 07.0	20.3	-0.93	- 5.7	1.7/07.2	50754
2000 SF ₂₄₄	2004 08 06.0	21 05.33	-25 50.7	18.1	-0.89	- 4.6	4.0/03.7	47962
2001 WR ₁₄	2004 08 06.0	21 05.37	-06 46.4	18.8	-1.00	- 2.6	4.1/08.2	30553
2001 ST ₂₆₆	2004 08 06.0	21 05.39	-15 10.2	19.7	-1.03	- 5.4	0.6/06.4	48109
2000 QZ ₁₁₁	2004 08 06.0	21 05.41	-01 08.1	18.9	-0.79	- 9.4	6.2/10.8	47920
2001 YK ₇	2004 08 06.0	21 05.41	-23 39.6	20.5	-1.10	- 1.9	2.9/04.6	48175
2000 UE ₂₄	2004 08 06.0	21 05.50	-26 05.9	18.0	-0.80	- 7.5	4.5/03.2	9846
2000 XV ₂₆	2004 08 06.0	21 05.58	-42 45.7	18.5	-0.98	- 3.0	8.3/29.9	50510
2001 UA ₃₄	2004 08 06.0	21 05.59	-26 25.5	17.8	-0.99	- 8.4	4.3/03.3	46790
2002 AC ₅₈	2004 08 06.1	21 05.52	-15 52.8	19.4	-0.98	- 3.4	0.3/06.3	48187
2003 HD ₂₈	2004 08 06.1	21 05.53	-19 44.0	19.8	-0.95	- 3.0	1.1/05.4	47557
2000 GM ₁₀₅	2004 08 06.1	21 05.56	-15 36.4	18.1	-0.81	- 6.4	0.5/06.4	47881
2001 YM ₁₁₂	2004 08 06.1	21 05.58	-14 04.7	18.0	-1.04	- 3.3	1.2/06.7	30600
2001 XM ₂₃	2004 08 06.1	21 05.62	-32 59.5	20.6	-1.01	- 5.6	5.6/01.6	46966
1994 WN	2004 08 06.1	21 05.67	-10 47.6	18.9	-1.04	- 2.9	2.3/07.4	47694

2000 SJ ₉₀	2004 08 06.1	21 05.67	+05 30.2	19.5	-0.89	- 1.0	8.6/11.1	47948
2000 UQ ₆₅	2004 08 06.1	21 05.72	-12 15.7	19.5	-0.86	- 3.2	1.6/07.2	29470
2003 EV ₁₂	2004 08 06.1	21 05.73	-06 50.3	18.7	-0.86	- 5.1	3.9/08.7	50749
2001 YV ₁₁₉	2004 08 06.1	21 05.76	-07 16.5	21.1	-0.76	- 3.2	2.3/08.5	26109
2001 TL ₁₇₀	2004 08 06.1	21 05.76	-04 58.3	18.3	-0.98	- 0.8	5.9/08.6	46761
2000 XN ₈	2004 08 06.1	21 05.81	+03 45.8	19.0	-0.89	+ 1.8	5.9/10.1	9888
2003 HC ₄₇	2004 08 06.1	21 05.81	+16 35.0	19.2	-0.72	- 3.0	10.2/16.2	50199
2001 UT ₁₅₉	2004 08 06.1	21 05.82	-12 46.3	20.8	-0.99	- 4.5	1.5/07.1	30526
2000 TL ₅₈	2004 08 06.1	21 05.87	-22 24.5	18.4	-0.83	- 8.5	2.2/04.4	27730
2001 UT ₃₃	2004 08 06.1	21 05.87	-27 07.4	19.5	-1.03	- 6.8	4.2/03.3	46790
2001 SO ₁₀₆	2004 08 06.1	21 05.91	-27 22.8	17.2	-1.12	- 0.8	4.7/04.0	48094
1999 RA ₁₇₁	2004 08 06.1	21 05.94	-16 37.8	18.6	-0.81	- 4.1	0.0/06.2	53605
2003 HD ₄₅	2004 08 06.1	21 05.94	-34 06.3	20.2	-1.10	- 4.1	5.6/01.8	61718
2001 SY ₂₈	2004 08 06.1	21 05.96	-16 29.3	20.2	-1.04	- 5.5	0.1/06.2	49928
2000 SO ₁₇₇	2004 08 06.2	21 05.89	-02 55.7	18.6	-0.80	- 2.4	4.2/09.5	27715
2001 WZ ₃	2004 08 06.2	21 05.90	-15 48.6	21.4	-1.00	- 4.3	0.3/06.4	30552
2001 TZ ₁₉₃	2004 08 06.2	21 05.91	-13 31.9	19.3	-0.99	- 3.7	1.3/06.9	50565
2002 CS ₂₄₅	2004 08 06.2	21 05.97	-27 28.4	18.3	-1.01	- 6.0	4.7/03.2	30689
2002 AE ₆₅	2004 08 06.2	21 05.97	-14 02.1	18.6	-0.85	- 1.2	0.8/06.8	27805
2000 CF ₁₂₆	2004 08 06.2	21 06.00	-24 03.3	17.7	-1.04	- 5.2	3.6/04.4	23514
2002 AF ₇₂	2004 08 06.2	21 06.01	-16 43.8	19.0	-1.04	- 3.5	0.1/06.2	24047
2001 TE ₇₂	2004 08 06.2	21 06.08	-20 50.0	20.1	-1.02	- 6.5	1.8/05.1	48119
2001 YS ₄₅	2004 08 06.2	21 06.11	-23 25.3	20.1	-0.94	- 4.8	2.5/04.5	47083
2000 SF ₂₄₆	2004 08 06.2	21 06.12	-25 25.5	20.2	-0.92	- 3.7	2.9/04.1	47962
2002 AV ₉	2004 08 06.2	21 06.14	-20 58.0	19.2	-0.79	- 6.5	1.3/05.0	50584
2001 XN ₈₆	2004 08 06.2	21 06.17	-11 59.2	18.9	-0.93	- 3.2	1.6/07.3	27786
2001 XQ ₃₂	2004 08 06.2	21 06.22	-09 19.7	21.3	-0.88	- 4.3	2.4/08.1	46969
2000 RL ₉₃	2004 08 06.2	21 06.24	+05 01.4	19.2	-0.77	- 8.5	7.1/13.2	47938
2002 CN ₃₅	2004 08 06.2	21 06.25	-12 45.3	20.4	-0.83	- 4.5	1.3/07.3	48199
1999 RO ₇₁	2004 08 06.2	21 06.25	-17 32.4	19.3	-0.79	- 4.5	0.3/06.0	47789
2002 DX ₇	2004 08 06.2	21 06.34	-36 31.0	19.8	-1.01	- 6.5	7.1/31.4	47191
2001 TT ₈₀	2004 08 06.3	21 06.30	-15 42.7	17.4	-0.87	- 8.1	0.4/06.6	46736
1998 AC ₅	2004 08 06.3	21 06.30	-25 39.4	19.1	-0.89	- 7.2	3.4/03.7	47721
2001 XX ₂₅₂	2004 08 06.3	21 06.31	-19 07.2	21.7	-0.87	- 4.8	0.7/05.7	30591
1999 VR ₁₉₂	2004 08 06.3	21 06.32	+05 27.2	19.8	-0.77	- 2.3	6.6/11.7	11676
2000 SC ₁₃₄	2004 08 06.3	21 06.32	-16 18.8	19.4	-0.94	- 1.3	0.1/06.4	27711
2002 AS ₁₅₇	2004 08 06.3	21 06.34	-15 51.4	20.0	-0.76	- 3.7	0.2/06.5	50588
1996 GG ₁₄	2004 08 06.3	21 06.42	-22 38.4	18.6	-0.89	- 4.2	3.0/04.8	60478
2001 XA ₁₅₅	2004 08 06.3	21 06.44	-15 34.2	20.3	-0.87	- 4.4	0.3/06.6	48169
2003 FH ₆₈	2004 08 06.3	21 06.45	-26 24.2	19.8	-1.07	- 4.7	3.8/03.9	50756
2003 FL	2004 08 06.3	21 06.46	-22 47.8	20.5	-0.92	- 5.8	2.3/04.7	47390
2001 UX ₁₅	2004 08 06.3	21 06.48	-09 37.5	19.0	-1.03	- 1.9	3.4/07.8	30505
2000 UV ₆₉	2004 08 06.3	21 06.52	-22 51.0	20.3	-0.95	- 2.8	2.3/04.9	47980
1999 XT ₁₄	2004 08 06.3	21 06.53	+19 11.3	19.6	-1.13	0.0	15.4/14.8	40028
1999 TT ₃₈	2004 08 06.3	21 06.58	-46 05.1	19.0	-1.16	+ 0.2	9.4/30.0	1476
2000 QE ₆₇	2004 08 06.3	21 06.60	-25 59.9	18.3	-0.90	- 4.5	4.4/03.9	49803
2002 AT ₁₃₀	2004 08 06.3	21 06.63	-16 49.7	17.8	-0.75	- 5.6	0.1/06.3	62386
2001 TH ₁₆₅	2004 08 06.3	21 06.65	-33 35.5	21.1	-1.16	- 6.5	6.6/01.6	23835
2001 UW ₂₂₂	2004 08 06.3	21 06.65	-05 34.9	19.9	-0.88	- 3.2	3.8/09.1	50572
1999 FV ₅₁	2004 08 06.3	21 06.66	-14 03.5	18.8	-1.01	- 4.2	1.0/07.0	47774
2002 FX ₂₀	2004 08 06.3	21 06.66	-35 59.2	20.3	-0.99	- 6.6	6.5/31.6	48225

2000 UY ₆₄	2004 08 06.3	21 06.68	-09 45.5	19.4	-0.87	- 3.2	2.6/08.0	47979
2001 XA ₉₈	2004 08 06.3	21 06.72	-19 21.9	19.1	-1.03	- 4.8	1.2/05.7	47006
2000 GM ₁₀₃	2004 08 06.4	21 06.66	-13 06.2	17.3	-0.76	- 7.6	1.8/07.4	43362
2001 VG	2004 08 06.4	21 06.71	-23 18.1	20.8	-1.03	- 5.7	2.7/04.7	48146
2000 WK ₁₁₄	2004 08 06.4	21 06.71	-01 29.5	19.4	-0.79	- 1.2	4.2/09.9	9878
2000 RX ₈₂	2004 08 06.4	21 06.74	-10 25.8	17.9	-1.01	+ 2.3	2.8/07.5	13733
2000 WA ₇₉	2004 08 06.4	21 06.75	-07 12.0	18.8	-0.79	- 1.9	2.9/08.6	47990
2003 FM ₁	2004 08 06.4	21 06.79	-49 21.0	20.7	-1.51	- 0.3	10.9/30.0	48340
2001 VJ ₁₂₅	2004 08 06.4	21 06.83	-07 32.3	19.6	-0.83	- 6.5	2.9/09.0	48155
2000 WV ₁₈₃	2004 08 06.4	21 06.87	-40 05.4	19.0	-1.01	- 1.8	7.0/31.6	30434
1999 RA ₁₉₄	2004 08 06.4	21 06.89	-11 44.7	18.5	-0.81	- 2.7	1.6/07.6	30313
2000 XG ₇	2004 08 06.4	21 06.91	-29 39.8	20.1	-0.91	- 2.8	3.9/03.2	33327
1999 VO ₂₂	2004 08 06.4	21 06.91	-28 04.2	17.8	-0.92	- 2.0	4.0/03.7	53621
1999 HN ₇	2004 08 06.4	21 06.94	-25 29.8	21.5	-0.98	- 3.4	3.0/04.4	46359
2000 QE ₁₉₆	2004 08 06.4	21 06.95	-10 01.8	19.2	-0.83	- 8.6	2.3/08.4	47927
2000 GC ₅₁	2004 08 06.4	21 06.96	-10 18.0	18.4	-0.96	- 6.4	2.7/08.1	47878
2001 YK ₈₅	2004 08 06.4	21 06.97	-24 09.7	19.5	-0.88	- 5.2	2.6/04.4	48179
2000 KW ₃	2004 08 06.4	21 07.07	-16 42.7	17.6	-0.81	- 9.0	0.1/06.4	47896
2000 ST ₉₃	2004 08 06.4	21 07.10	+01 54.4	20.6	-0.83	- 4.0	6.0/11.3	47948
2000 QP ₁₉₄	2004 08 06.5	21 07.05	-05 55.6	19.1	-0.81	- 5.6	3.5/09.4	47927
2001 VV ₁₀₉	2004 08 06.5	21 07.13	-08 27.8	19.2	-0.94	- 2.7	3.4/08.4	46913
3181 T-3	2004 08 06.5	21 07.16	-35 37.1	19.8	-0.93	- 2.5	5.2/01.6	30774
2001 SA ₆₃	2004 08 06.5	21 07.18	-08 37.7	19.3	-0.94	- 6.5	3.2/08.6	46624
2001 XD ₉₇	2004 08 06.5	21 07.23	-19 08.0	18.5	-1.02	- 3.5	1.0/05.9	30574
2000 HT ₅₄	2004 08 06.5	21 07.26	-03 15.1	17.6	-0.86	- 4.1	6.3/09.9	50474
2001 XN ₁₁₅	2004 08 06.5	21 07.29	-31 38.3	21.1	-1.02	- 5.8	4.9/02.4	26078
2001 SS ₆₁	2004 08 06.5	21 07.36	-23 21.7	19.8	-1.07	- 3.9	3.2/04.9	48090
1999 RY ₂₀₃	2004 08 06.5	21 07.38	+06 09.5	19.3	-0.76	- 1.9	6.9/12.4	47796
2002 EO ₁₀₃	2004 08 06.5	21 07.40	-24 38.1	19.8	-0.78	- 5.4	2.4/04.3	30060
2000 XT ₅₂	2004 08 06.5	21 07.40	-23 27.7	18.7	-0.88	- 1.4	2.1/05.0	30438
2000 FD ₂₅	2004 08 06.5	21 07.43	+12 30.0	17.9	-0.75	-14.1	12.7/18.6	25774
2001 WL ₃₉	2004 08 06.5	21 07.47	-22 37.2	18.8	-0.92	- 8.3	2.6/04.8	46942
2003 BA ₁₅	2004 08 06.5	21 07.50	-21 03.6	19.0	-1.00	- 5.0	1.7/05.5	48317
2003 FU ₅	2004 08 06.6	21 07.46	-32 05.9	19.0	-1.09	- 0.4	5.6/03.4	47394
2002 EC ₁₂₆	2004 08 06.6	21 07.48	-23 37.1	20.1	-0.88	- 1.9	2.3/05.0	35175
2001 SR ₂₅₉	2004 08 06.6	21 07.56	-16 05.2	19.7	-0.98	- 4.4	0.2/06.7	50558
2001 UP ₁₀₂	2004 08 06.6	21 07.58	-16 57.6	20.0	-0.97	- 5.0	0.2/06.5	48140
2001 UO ₁₅₀	2004 08 06.6	21 07.61	-19 21.5	20.2	-1.01	- 4.7	1.1/05.9	46836
1999 CS ₆₆	2004 08 06.6	21 07.62	-07 49.2	18.1	-0.96	- 3.3	3.3/08.7	50403
2000 QE ₂₁₈	2004 08 06.6	21 07.63	-34 19.1	18.6	-0.92	- 3.7	5.9/01.9	30376
2001 YZ ₁₂₅	2004 08 06.6	21 07.68	-33 31.4	20.1	-1.07	- 4.6	7.0/02.1	47110
1999 PB ₅	2004 08 06.6	21 07.71	-33 27.2	18.1	-0.90	- 2.1	5.2/02.4	47786
2003 ET ₂₉	2004 08 06.6	21 07.71	-20 07.3	19.7	-0.95	- 4.8	1.2/05.8	62443
2001 TK ₁₂	2004 08 06.6	21 07.72	-26 19.2	19.9	-1.07	- 5.2	3.7/04.1	26003
2000 UJ ₇₈	2004 08 06.6	21 07.73	-17 24.0	18.7	-0.87	- 3.4	0.4/06.4	27737
2001 TL ₃₈	2004 08 06.6	21 07.76	-16 23.2	16.3	-1.05	- 0.3	0.1/06.7	62368
2000 JL ₃₈	2004 08 06.6	21 07.76	-23 39.9	19.9	-1.06	- 4.1	2.9/05.0	50475
2000 XL ₄₂	2004 08 06.6	21 07.83	-35 10.9	20.6	-0.91	- 1.8	4.9/02.1	31366
2000 UE ₅₄	2004 08 06.7	21 07.81	-30 25.1	19.5	-0.83	- 4.5	3.9/02.9	50499
2000 NU ₆	2004 08 06.7	21 07.82	-11 46.9	19.3	-0.91	- 5.9	1.9/07.9	47901
2002 AH ₄	2004 08 06.7	21 07.83	-49 16.4	22.0	-1.02	- 2.3	7.0/28.8	30603

2000 SA ₁₅	2004 08 06.7	21 07.86	-13 54.8	17.7	-0.96	- 0.8	0.8/07.2	30386
1995 BO ₇	2004 08 06.7	21 07.87	-19 21.1	17.5	-1.09	+ 3.3	1.4/06.3	43326
2000 QW ₁₅₂	2004 08 06.7	21 07.98	-15 14.6	18.5	-0.97	+ 1.7	0.6/07.0	27006
2001 QE ₈₄	2004 08 06.7	21 07.99	-13 26.9	17.0	-1.06	+ 0.2	1.5/07.3	46547
2001 TB ₄₀	2004 08 06.7	21 08.02	+29 59.8	17.4	-1.00	+11.2	25.1/13.0	30475
1997 WQ ₄₂	2004 08 06.7	21 08.06	-20 03.5	19.1	-1.00	- 3.9	1.3/05.9	30257
2000 WF ₁₅₅	2004 08 06.7	21 08.10	-12 49.5	18.3	-0.86	- 1.3	1.2/07.6	47993
2001 US ₁₂₆	2004 08 06.7	21 08.10	-16 12.9	20.3	-0.99	- 4.1	0.1/06.8	48142
2001 VK ₁₅	2004 08 06.7	21 08.10	-23 20.5	17.7	-1.02	- 1.0	3.1/05.3	48147
2001 TY ₅	2004 08 06.7	21 08.10	-33 18.8	20.0	-1.09	- 4.0	5.9/02.6	48113
2000 TS ₄	2004 08 06.7	21 08.20	-22 08.6	19.1	-0.94	- 2.4	2.2/05.5	62310
2001 UJ ₆₂	2004 08 06.7	21 08.21	-13 35.2	20.7	-1.01	- 4.2	1.1/07.5	46801
2001 SF ₆₆	2004 08 06.7	21 08.23	-11 48.9	18.2	-0.93	- 6.9	2.1/08.0	48090
2001 XL ₂₅	2004 08 06.7	21 08.27	-39 55.6	18.1	-1.11	-15.1	9.4/28.8	48160
2000 PT ₁	2004 08 06.8	21 08.20	-13 43.3	18.9	-0.86	- 8.3	1.2/07.6	47907
2000 YA ₇₃	2004 08 06.8	21 08.21	-24 07.7	19.7	-0.81	- 4.4	2.2/04.8	48000
1981 EU ₄₃	2004 08 06.8	21 08.26	-21 49.6	18.4	-1.13	+ 1.4	2.0/05.9	47680
2000 SB ₅₁	2004 08 06.8	21 08.34	-15 14.4	19.7	-0.96	- 0.7	0.4/07.1	27703
2002 CC ₆₀	2004 08 06.8	21 08.36	-21 09.3	19.7	-0.87	- 4.8	1.7/05.6	48201
2000 UN ₈₃	2004 08 06.8	21 08.39	-15 09.5	19.4	-0.87	- 3.4	0.4/07.2	30416
2002 EJ ₈₉	2004 08 06.8	21 08.44	+00 11.9	19.1	-0.68	- 6.8	4.6/12.0	50598
2000 WA ₁₄₀	2004 08 06.8	21 08.47	-19 31.3	19.4	-0.86	- 3.4	1.1/06.1	47992
2001 XJ ₁₂₉	2004 08 06.8	21 08.47	-37 45.5	19.0	-1.00	- 5.3	7.1/32.0	50579
2001 UF ₁₉₆	2004 08 06.8	21 08.52	-26 36.4	20.4	-1.06	- 3.1	3.8/04.5	48145
2000 RK ₈₆	2004 08 06.8	21 08.52	-13 05.7	19.1	-0.83	- 4.6	1.1/07.7	47937
1999 JR ₅₀	2004 08 06.8	21 08.56	-30 37.9	20.6	-0.97	- 4.9	4.4/03.2	47779
2000 YG ₇₅	2004 08 06.8	21 08.56	-28 38.7	19.7	-0.82	- 5.4	3.8/03.4	50513
2002 DQ ₇	2004 08 06.8	21 08.57	-39 13.4	18.5	-1.01	- 0.6	7.5/01.6	50595
2001 UM ₂₁₇	2004 08 06.8	21 08.57	-10 55.1	20.8	-0.92	- 5.2	2.0/08.3	46855
1999 TZ ₁₈₂	2004 08 06.8	21 08.62	-01 51.7	18.5	-0.83	+ 0.3	5.3/10.0	8154
2001 VG ₄₄	2004 08 06.8	21 08.65	-17 53.2	19.2	-1.00	- 5.9	0.6/06.5	46884
2001 UV ₁₃₅	2004 08 06.9	21 08.57	-33 34.2	20.2	-1.00	- 3.6	5.2/02.6	46830
2001 XJ ₉₆	2004 08 06.9	21 08.59	-20 23.5	20.6	-0.95	- 4.3	1.4/05.9	50578
2001 VZ ₅₀	2004 08 06.9	21 08.61	+00 17.6	20.1	-0.99	- 0.7	7.1/10.5	26044
2003 AG ₉	2004 08 06.9	21 08.63	-08 03.7	19.3	-1.27	+ 2.6	3.2/08.2	43485
2002 CN ₁₂₂	2004 08 06.9	21 08.65	-11 03.6	21.1	-0.88	- 4.8	1.8/08.3	48205
2001 WG ₃₆	2004 08 06.9	21 08.65	-08 38.2	19.4	-0.91	- 5.8	3.2/09.0	46940
2001 TH ₇₁	2004 08 06.9	21 08.75	-13 06.7	20.5	-0.99	- 4.6	1.3/07.7	46728
2001 SS ₄₀	2004 08 06.9	21 08.77	-13 16.1	18.9	-0.97	- 6.5	1.3/07.8	50553
2003 EZ ₃₂	2004 08 06.9	21 08.86	-19 13.7	19.8	-0.97	- 4.0	1.1/06.3	62443
2001 SC ₂₈₂	2004 08 06.9	21 08.89	-09 15.7	18.7	-0.97	-12.1	2.7/09.0	25997
2002 EF ₈₄	2004 08 06.9	21 08.90	-08 58.1	18.2	-0.69	- 8.2	2.6/09.3	50598
2000 UC ₆₁	2004 08 06.9	21 08.94	-31 19.8	18.8	-0.92	- 2.0	4.3/03.4	30415
2000 SK ₅₆	2004 08 06.9	21 08.97	-15 06.4	19.9	-0.90	- 3.9	0.5/07.3	47945
2000 XL ₁₉	2004 08 06.9	21 08.97	-31 01.7	18.7	-0.92	- 2.2	4.5/03.4	29610
6098 P-L	2004 08 06.9	21 08.98	-14 08.3	17.7	-0.88	- 4.0	1.2/07.5	48387
2001 QG ₂₄₈	2004 08 06.9	21 09.02	-28 36.7	18.9	-1.11	- 3.6	5.5/04.0	46569
1999 RR ₂₆	2004 08 07.0	21 08.94	-24 03.1	19.2	-0.90	- 1.1	2.5/05.3	30305
2001 XP ₆₀	2004 08 07.0	21 09.01	-31 51.3	19.4	-0.96	- 6.8	5.1/02.5	46985
2003 GC ₅₅	2004 08 07.0	21 09.04	-28 37.8	20.0	-0.84	- 6.4	3.9/03.5	50188
2002 ET ₃₂	2004 08 07.0	21 09.04	-33 52.1	19.3	-0.97	- 0.7	5.8/03.0	48217

2001 XC ₇	2004 08 07.0	21 09.05	-05 23.0	19.8	-0.80	- 6.6	3.4/10.2	46958
1999 RY ₉₁	2004 08 07.0	21 09.06	-02 04.7	19.0	-0.71	- 6.4	4.8/11.3	50416
2003 CU ₁₈	2004 08 07.0	21 09.09	-31 49.9	19.8	-1.14	- 0.5	5.6/03.9	50745
2003 HJ ₄₃	2004 08 07.0	21 09.10	-22 01.6	19.5	-0.82	- 3.4	1.9/05.6	50197
2000 OM ₃₁	2004 08 07.0	21 09.16	-08 17.4	18.7	-0.87	- 3.0	3.6/09.0	46416
2003 GB ₃₀	2004 08 07.0	21 09.20	-29 24.4	18.7	-1.06	+ 1.3	5.7/04.6	50760
2001 TP ₂₃₅	2004 08 07.0	21 09.24	-31 31.2	17.8	-0.71	-10.1	8.4/01.6	30502
2001 TQ ₆₀	2004 08 07.0	21 09.31	-15 19.2	18.7	-1.01	- 3.5	0.5/07.3	30478
2002 CV ₁₂₆	2004 08 07.0	21 09.32	-21 57.4	19.5	-0.89	- 0.8	1.8/05.9	48205
2000 QL ₁₂₅	2004 08 07.0	21 09.33	+00 06.8	18.9	-0.80	- 5.8	6.8/11.8	46437
2000 XN ₃₁	2004 08 07.0	21 09.36	-47 25.2	20.7	-0.99	- 3.3	8.3/28.9	47996
1999 RP ₁₁₃	2004 08 07.0	21 09.36	-18 43.2	18.3	-0.88	- 1.3	0.8/06.6	50417
2000 SG ₂₅₁	2004 08 07.0	21 09.38	-30 05.2	19.5	-0.98	- 3.6	5.0/03.6	47962
1999 TT ₁₈₈	2004 08 07.1	21 09.38	+14 38.8	19.2	-0.74	- 1.7	9.2/15.7	47809
2000 QD ₂₂₉	2004 08 07.1	21 09.40	-24 05.5	18.1	-0.93	- 1.5	3.7/05.4	62307
2000 WW ₆₀	2004 08 07.1	21 09.55	-40 35.3	18.9	-0.89	- 7.4	6.4/30.3	30426
2000 SH ₁₇	2004 08 07.1	21 09.56	-21 58.6	18.5	-0.99	- 0.2	1.8/06.0	30386
2001 XS ₁₉₉	2004 08 07.1	21 09.57	-23 10.0	18.8	-0.78	- 7.7	2.1/05.1	47048
2002 AF ₇₀	2004 08 07.1	21 09.62	-37 42.5	18.3	-0.98	- 7.2	9.0/31.5	48187
1999 RC ₁₂₉	2004 08 07.1	21 09.63	-20 05.1	17.3	-0.88	- 1.0	1.1/06.3	33821
2002 AU ₁₈₇	2004 08 07.1	21 09.64	-17 31.9	19.9	-0.74	- 5.6	0.3/06.8	30628
2002 EF ₂₉	2004 08 07.1	21 09.70	-01 46.5	20.6	-0.69	- 5.6	3.8/11.4	29968
2003 CA ₃	2004 08 07.1	21 09.74	-28 11.5	20.2	-1.12	- 3.4	4.6/04.4	48324
2003 BM ₆₂	2004 08 07.1	21 09.78	-27 15.9	19.6	-1.08	- 5.9	4.4/04.4	50741
2000 GF ₉₀	2004 08 07.1	21 09.81	-34 41.1	21.0	-1.17	- 3.8	7.4/02.9	47880
2002 ER ₉₂	2004 08 07.2	21 09.75	-13 33.3	19.0	-0.73	- 7.5	0.9/08.0	30719
2001 UZ ₄₂	2004 08 07.2	21 09.78	-14 38.8	20.6	-0.98	- 4.5	0.6/07.6	46793
2000 HD ₇₂	2004 08 07.2	21 09.79	-16 47.8	18.0	-0.77	- 6.3	0.2/07.1	47890
2002 AD ₈₁	2004 08 07.2	21 09.79	+01 55.1	19.6	-0.86	- 2.9	6.1/11.8	49957
2001 TS ₅	2004 08 07.2	21 09.82	-16 22.9	19.5	-0.99	- 7.9	0.0/07.2	50560
2001 VN ₆₁	2004 08 07.2	21 09.92	-06 47.4	18.9	-1.01	- 1.5	4.2/09.0	30542
2001 QB ₂₅₈	2004 08 07.2	21 09.92	-29 10.7	18.2	-1.04	- 3.3	6.8/04.0	46572
2001 YV ₁₅₂	2004 08 07.2	21 09.93	-30 04.6	18.9	-1.08	- 5.3	5.3/03.6	38331
2002 BM ₃	2004 08 07.2	21 10.03	-31 42.1	19.3	-0.88	- 3.5	4.7/03.3	48195
2003 FM ₄₇	2004 08 07.2	21 10.06	-17 44.8	20.9	-0.97	- 3.9	0.5/06.9	47420
2001 RY ₉₇	2004 08 07.2	21 10.08	-15 58.4	20.0	-1.01	- 4.0	0.1/07.4	48078
2002 CM ₁₂	2004 08 07.2	21 10.09	-12 27.4	18.9	-0.95	- 3.2	1.3/08.2	30637
2001 VQ ₄₀	2004 08 07.2	21 10.11	-10 42.1	20.0	-0.88	- 3.4	1.8/08.7	30537
2000 SY ₈₉	2004 08 07.2	21 10.17	+05 01.2	19.4	-0.92	- 0.3	8.6/11.9	27063
1992 DD ₁	2004 08 07.3	21 10.11	-25 40.5	23.7	-1.09	- 2.0	2.9/05.3	50367
2000 SK ₁₅₅	2004 08 07.3	21 10.14	-12 27.1	19.5	-0.73	- 4.2	1.0/08.3	31915
2001 YN ₄	2004 08 07.3	21 10.19	-63 10.2	18.5	-1.93	+ 1.0	15.2/22.9	30592
1999 RH ₂₀₆	2004 08 07.3	21 10.20	-02 19.6	18.7	-0.80	- 1.3	5.1/10.6	29096
2001 TM ₂₄	2004 08 07.3	21 10.28	-24 23.3	19.1	-1.12	- 1.4	3.4/05.6	50561
2000 SS ₁₆₆	2004 08 07.3	21 10.32	-06 24.6	18.3	-0.87	- 1.5	4.2/09.6	30396
2003 CX ₂₀	2004 08 07.3	21 10.33	-09 14.4	21.5	-0.86	- 4.5	2.4/09.2	48327
2001 XK ₁₂₆	2004 08 07.3	21 10.36	-14 33.5	20.5	-0.91	- 4.1	0.6/07.8	49944
2002 EL ₆₃	2004 08 07.3	21 10.39	-06 04.2	19.8	-0.74	- 5.3	3.2/10.2	31471
2003 EP ₃₀	2004 08 07.3	21 10.42	-17 25.3	21.0	-1.02	- 3.4	0.4/07.1	48335
2000 AM ₁₄₈	2004 08 07.3	21 10.42	+21 52.4	19.7	-0.75	- 2.1	10.0/18.2	33189
2001 YE ₁₄₆	2004 08 07.3	21 10.42	-15 56.1	17.3	-0.82	- 1.7	0.2/07.5	48183

2002 AO ₈₇	2004 08 07.3	21 10.43	-09 36.0	21.5	-0.88	- 3.9	2.2/09.0	48188
2000 AK ₂₂₄	2004 08 07.3	21 10.43	-22 10.0	18.5	-0.92	- 8.9	3.1/05.6	17142
2000 SV ₃₆₉	2004 08 07.3	21 10.49	-18 45.9	18.4	-0.71	- 9.8	1.2/06.6	47970
2001 VU ₆₄	2004 08 07.3	21 10.49	-39 25.4	19.0	-1.13	- 1.7	11.2/01.4	46894
2000 GH ₂₄	2004 08 07.3	21 10.49	-14 25.5	20.9	-1.06	- 4.8	0.8/07.8	47877
1999 PE ₄	2004 08 07.3	21 10.49	-15 41.5	18.7	-0.75	- 7.7	0.2/07.6	50413
2001 TP ₂₀₁	2004 08 07.3	21 10.50	-24 55.8	20.5	-1.05	- 6.8	3.4/05.0	50566
2001 UC ₁₄₇	2004 08 07.3	21 10.51	-13 19.3	19.0	-0.94	- 5.1	1.1/08.1	43449
2003 AG ₃₀	2004 08 07.3	21 10.54	-17 31.9	19.5	-0.97	- 6.9	0.5/07.1	48310
2000 HD ₂₇	2004 08 07.3	21 10.55	-10 40.1	17.3	-0.84	- 8.6	2.6/09.1	47887
2003 HX ₈	2004 08 07.4	21 10.48	-39 57.2	19.1	-0.97	- 2.2	8.0/01.2	50190
1998 FQ ₁₄₂	2004 08 07.4	21 10.49	-15 45.0	19.1	-0.86	- 3.0	0.2/07.5	30267
2000 QH ₂₃₀	2004 08 07.4	21 10.52	-05 57.7	18.4	-0.78	- 9.3	3.8/10.6	27690
1999 RC ₁₉	2004 08 07.4	21 10.55	-12 01.8	18.0	-0.76	- 4.8	1.2/08.6	30305
2000 QA ₂₁₅	2004 08 07.4	21 10.57	-20 09.2	18.0	-0.89	- 5.5	1.6/06.4	27689
2003 CW ₁₈	2004 08 07.4	21 10.65	-29 43.8	20.5	-1.05	- 2.6	5.1/04.4	50745
1999 XZ ₇	2004 08 07.4	21 10.67	-33 27.6	18.3	-1.73	+ 8.9	9.2/05.9	47828
2002 AQ ₄₆	2004 08 07.4	21 10.71	-14 24.8	19.9	-0.83	- 4.2	0.6/07.9	62386
2001 VA ₉₇	2004 08 07.4	21 10.72	-11 11.3	20.7	-0.82	- 6.6	1.5/08.9	23087
2002 CR ₁₉₀	2004 08 07.4	21 10.72	-16 18.4	19.5	-0.89	- 3.8	0.0/07.4	62387
2001 RT ₂₂	2004 08 07.4	21 10.77	-14 46.0	19.4	-1.07	- 3.8	0.7/07.8	48070
2000 VR ₇	2004 08 07.4	21 10.78	-03 17.0	18.6	-0.81	- 3.4	5.0/10.8	50501
2000 RW ₉₇	2004 08 07.4	21 10.78	+00 57.5	17.9	-0.98	+ 0.8	7.3/10.7	13736
2002 CU ₁₇	2004 08 07.4	21 10.80	-20 06.2	19.6	-0.90	- 2.8	1.3/06.6	35152
2002 AY ₁₈₈	2004 08 07.4	21 10.82	-08 51.8	20.5	-0.80	- 2.5	2.3/09.3	50588
1991 VA ₁₁	2004 08 07.4	21 10.83	-11 59.7	20.6	-0.83	- 4.5	1.4/08.6	27576
2001 SC ₁₀₅	2004 08 07.4	21 10.86	-12 30.0	19.2	-1.01	- 2.9	1.4/08.3	46636
1999 JK ₅₄	2004 08 07.4	21 10.89	-26 07.4	18.9	-0.94	- 3.9	3.5/05.0	47779
2001 QQ ₁₄₀	2004 08 07.4	21 10.91	-07 48.7	18.0	-1.01	- 2.3	3.5/09.4	48056
2003 AV ₇₂	2004 08 07.4	21 10.93	-55 37.7	21.6	-1.38	- 2.2	10.1/27.9	47254
2003 GK ₄₁	2004 08 07.4	21 10.93	-01 42.2	20.1	-0.79	- 6.3	5.2/11.7	47531
2002 AY ₁₀₇	2004 08 07.4	21 10.94	-14 51.1	19.3	-0.97	- 1.6	0.5/07.8	48190
2002 AA ₂₁	2004 08 07.5	21 10.89	+08 02.8	16.5	-1.32	+11.6	12.5/08.7	62385
2001 RQ ₁₁₅	2004 08 07.5	21 10.92	-28 10.1	19.1	-1.12	+ 0.5	6.4/05.3	48079
2000 SP ₁₀₅	2004 08 07.5	21 11.00	-27 45.2	20.3	-1.09	- 2.7	4.3/04.8	23594
2000 SL ₁₆₈	2004 08 07.5	21 11.04	-12 47.5	18.0	-0.90	- 1.7	1.4/08.3	30396
2000 SN ₈₉	2004 08 07.5	21 11.04	-31 18.9	18.3	-0.91	- 2.8	4.4/03.7	47948
1999 TD ₁₁₂	2004 08 07.5	21 11.05	-02 32.1	19.1	-0.73	- 4.6	4.5/11.4	46380
2003 FE ₈	2004 08 07.5	21 11.07	-09 09.0	19.1	-0.73	- 9.4	2.1/09.8	50753
1999 AW ₁₈	2004 08 07.5	21 11.13	-09 48.6	18.3	-1.00	+ 1.7	3.5/08.7	47763
1999 RL ₁₇₅	2004 08 07.5	21 11.15	-15 02.2	18.9	-0.80	- 3.3	0.4/07.9	50419
2002 AS ₄₁	2004 08 07.5	21 11.17	-13 55.9	19.9	-0.85	- 3.7	0.8/08.1	48186
2001 YF ₁₁₁	2004 08 07.5	21 11.20	-11 53.3	20.1	-0.90	- 6.4	1.7/08.7	48181
2000 SO ₉₉	2004 08 07.5	21 11.21	-10 15.3	19.5	-0.87	- 3.1	2.2/09.0	25853
1997 YX ₁	2004 08 07.5	21 11.26	-18 38.1	19.5	-0.91	- 5.0	0.8/07.0	47720
2000 UQ ₃₈	2004 08 07.5	21 11.33	-33 30.9	19.1	-0.99	- 2.5	7.0/03.2	46509
2003 GK ₂₂	2004 08 07.6	21 11.25	-01 23.6	19.4	-0.73	- 5.0	5.1/11.9	47521
2001 VA ₁₁₈	2004 08 07.6	21 11.29	-07 27.8	17.9	-0.98	- 1.4	4.3/09.0	30551
2003 AO ₆₉	2004 08 07.6	21 11.31	-12 32.6	19.5	-0.93	- 2.3	1.3/08.5	48314
2003 GA ₂₃	2004 08 07.6	21 11.33	-05 24.4	18.5	-0.76	- 3.3	3.7/10.4	47521
2000 JO ₄₈	2004 08 07.6	21 11.33	-30 40.6	17.5	-1.02	- 3.7	7.1/03.9	47894

2003 BV ₄₃	2004 08 07.6	21 11.34	-19 38.7	20.1	-1.01	- 5.3	1.3/06.8	50740	1998 HU ₅₃	2004 08 07.9	21 12.57	-16 29.4	19.4	-0.84	- 4.9	0.1/07.8	50385
2000 UB ₁₁	2004 08 07.6	21 11.36	+06 39.4	19.0	-0.82	- 3.0	8.6/13.5	13788	2002 CU ₃₂	2004 08 07.9	21 12.61	-27 17.8	18.8	-0.92	- 0.9	3.4/05.4	30642
2001 YF ₁₃₉	2004 08 07.6	21 11.41	-19 16.5	21.0	-0.86	- 7.2	1.0/06.8	47114	2000 KZ ₉	2004 08 07.9	21 12.63	-14 01.6	19.0	-0.87	- 3.4	1.1/08.5	47896
1999 CA ₁₆	2004 08 07.6	21 11.45	-32 59.0	18.8	-1.07	-12.9	6.0/02.0	25726	2001 UH ₁₆₉	2004 08 07.9	21 12.64	-52 29.8	19.4	-1.29	- 4.0	11.9/27.2	50571
2003 BF ₉₀	2004 08 07.6	21 11.47	-09 36.3	19.3	-0.89	- 3.1	2.3/09.3	48323	2001 TD ₁₀₅	2004 08 07.9	21 12.70	-05 18.4	19.2	-0.93	- 5.0	4.9/10.7	30484
2000 TN ₁₈	2004 08 07.6	21 11.48	-20 35.0	18.7	-0.90	- 3.2	1.6/06.6	27728	2000 EB ₁₂₁	2004 08 07.9	21 12.71	-20 09.3	18.9	-0.96	- 7.6	1.9/06.9	47868
2003 DX ₁₁	2004 08 07.6	21 11.49	-19 19.7	18.9	-0.98	- 2.5	1.2/06.9	47310	2002 AO ₈₈	2004 08 07.9	21 12.75	-11 00.3	19.9	-0.81	- 5.4	1.7/09.4	47141
2000 SO ₃₁	2004 08 07.6	21 11.49	+02 29.4	19.6	-0.76	- 7.6	7.7/13.4	7565	2000 TP ₆₈	2004 08 07.9	21 12.77	-28 09.8	20.6	-0.91	- 8.3	4.0/04.3	47974
2001 XA ₇₈	2004 08 07.6	21 11.50	-06 56.7	20.0	-0.92	- 4.2	3.5/10.0	48164	1996 XO ₇	2004 08 07.9	21 12.80	-11 46.6	20.0	-0.89	- 4.9	1.7/09.0	47707
2001 XX ₁₀₅	2004 08 07.6	21 11.55	-37 33.8	19.7	-1.09	- 3.1	7.4/02.3	50578	2000 XH ₃₉	2004 08 07.9	21 12.81	-28 57.3	21.0	-1.08	- 2.2	4.6/04.9	9457
1999 GV ₃₃	2004 08 07.6	21 11.57	-02 10.3	20.2	-0.84	- 6.3	4.5/11.7	47776	2000 GW ₆₃	2004 08 08.0	21 12.79	-11 56.9	19.3	-0.90	- 4.7	2.0/09.1	19603
2000 SQ ₁₃₁	2004 08 07.6	21 11.60	+02 38.1	19.5	-1.05	+ 2.7	6.9/10.9	47952	1999 TG ₄₆	2004 08 08.0	21 12.88	-39 47.6	19.2	-1.02	- 0.7	7.6/02.2	33097
2001 SS ₃₄₆	2004 08 07.6	21 11.61	-18 28.8	19.3	-1.13	- 1.4	1.1/07.2	33930	2002 EG ₁₅₄	2004 08 08.0	21 12.89	+16 37.1	20.0	-0.69	- 5.0	8.0/18.9	35574
2001 VT ₄₂	2004 08 07.6	21 11.63	-17 05.8	19.6	-1.03	- 4.5	0.4/07.5	50573	2001 QF ₉₁	2004 08 08.0	21 12.93	-28 19.0	17.7	-1.61	+ 4.7	5.3/06.3	27769
2001 XU ₁₉₈	2004 08 07.6	21 11.66	-16 41.1	20.4	-0.85	- 5.7	0.2/07.6	50580	2001 TQ ₉₁	2004 08 08.0	21 12.93	-13 01.4	20.7	-1.03	- 4.2	1.2/08.8	23813
2001 RT ₇₈	2004 08 07.6	21 11.66	-17 53.8	17.0	-0.81	- 7.5	0.9/07.2	46593	2001 TE ₇₀	2004 08 08.0	21 12.94	-21 13.5	20.7	-1.05	- 4.3	1.9/06.8	50562
2002 CJ ₂₀	2004 08 07.6	21 11.67	-24 19.9	20.1	-0.99	- 3.8	3.0/05.7	48198	2001 SE ₁₀₉	2004 08 08.0	21 12.95	-08 39.5	17.6	-1.01	- 1.9	3.2/09.6	48094
2000 WP ₁₃	2004 08 07.6	21 11.70	-12 54.8	18.3	-0.89	- 1.2	1.2/08.4	47987	2000 XW ₂₅	2004 08 08.0	21 12.95	-18 03.9	18.2	-0.90	- 0.5	0.6/07.6	35537
1999 XR ₁₃₅	2004 08 07.6	21 11.72	+20 27.2	17.8	-1.18	+ 5.9	19.1/13.5	47833	2002 CG ₃₇	2004 08 08.0	21 12.99	-16 39.5	20.7	-0.76	- 3.4	0.2/07.9	48199
2001 VB ₈₁	2004 08 07.7	21 11.61	-33 58.9	20.1	-0.95	- 4.0	5.0/02.9	41757	2002 AM	2004 08 08.0	21 13.00	-22 23.7	18.9	-0.80	- 4.8	1.9/06.4	48183
2001 VQ ₆₃	2004 08 07.7	21 11.69	-05 28.4	18.7	-0.96	- 2.0	5.2/10.1	30542	2001 XM ₁₇₀	2004 08 08.0	21 13.01	-15 11.3	18.7	-0.88	- 6.2	0.4/08.3	47038
2001 YT ₉₉	2004 08 07.7	21 11.75	-10 24.9	19.1	-0.91	- 3.9	2.6/09.0	48181	2001 CT ₂₇	2004 08 08.0	21 13.13	-34 27.7	19.4	-1.09	+ 0.9	5.2/04.2	13249
1999 RC ₃	2004 08 07.7	21 11.80	-28 47.4	19.1	-0.87	- 1.8	3.6/04.7	47786	1994 TX ₃	2004 08 08.0	21 13.13	-10 48.3	20.7	-0.98	- 5.2	1.9/09.4	47693
2001 YT ₆₈	2004 08 07.7	21 11.84	-21 34.5	18.0	-0.95	- 4.0	2.5/06.4	48177	2000 UK ₆	2004 08 08.0	21 13.13	-09 05.2	18.5	-0.82	- 4.0	2.9/09.9	47975
2002 BD ₂₉	2004 08 07.7	21 11.85	-32 50.2	20.3	-1.00	- 4.2	5.8/03.3	47166	2001 XR ₁₆₇	2004 08 08.0	21 13.17	-14 59.1	20.6	-0.96	- 4.7	0.4/08.4	48169
2003 FR ₈₅	2004 08 07.7	21 11.95	-26 49.8	19.3	-0.88	- 1.9	3.1/05.3	47458	2001 YA ₁₂₅	2004 08 08.0	21 13.18	-28 28.8	18.9	-1.04	- 4.7	5.0/04.8	23354
2001 TE ₂₂₂	2004 08 07.7	21 11.96	-07 10.3	17.3	-0.90	- 1.9	4.7/09.9	43101	1996 BH ₁	2004 08 08.0	21 13.19	-07 40.7	21.5	-0.75	- 3.0	2.3/10.2	19268
2001 YA ₂₄	2004 08 07.7	21 12.05	-31 36.9	18.9	-0.99	- 4.0	6.2/03.9	47079	2000 SX ₃₁₁	2004 08 08.0	21 13.21	+22 51.3	19.3	-0.84	- 1.9	13.7/19.9	46497
2000 RG ₈₀	2004 08 07.8	21 12.02	-14 25.2	18.7	-1.05	+ 1.3	0.7/08.1	27698	2000 SC ₅₅	2004 08 08.1	21 13.16	-10 17.1	20.1	-0.83	- 4.9	2.0/09.6	49814
2001 UD ₁₅₂	2004 08 07.8	21 12.02	-45 33.9	18.2	-1.13	- 4.3	11.0/30.4	62377	2003 FF ₆₁	2004 08 08.1	21 13.16	-18 51.6	20.2	-0.92	- 5.3	1.0/07.4	50755
2000 SQ ₃₅	2004 08 07.8	21 12.03	-03 22.2	20.1	-0.79	- 6.5	4.1/11.5	47942	2001 SD ₂₈₅	2004 08 08.1	21 13.16	-09 24.7	19.9	-0.96	- 4.9	2.6/09.8	46691
2000 YV ₄₀	2004 08 07.8	21 12.03	-11 46.4	19.9	-0.74	- 3.7	1.2/09.0	47999	2001 VA ₈	2004 08 08.1	21 13.24	-28 12.4	19.6	-1.02	- 4.3	4.7/05.1	48147
2001 XF ₁₁₄	2004 08 07.8	21 12.04	-29 10.7	18.0	-1.00	- 4.5	5.8/04.4	47014	1999 TV ₁₈₈	2004 08 08.1	21 13.26	-24 39.6	18.8	-0.93	+ 0.4	3.0/06.3	47809
2000 SF ₂₈₃	2004 08 07.8	21 12.05	-00 31.7	19.8	-0.87	- 1.9	6.2/11.5	47965	1997 ES ₅	2004 08 08.1	21 13.31	-10 41.1	20.8	-0.84	- 4.9	1.6/09.5	6754
1995 YV ₁₁	2004 08 07.8	21 12.07	-13 49.1	20.2	-0.76	- 4.0	0.7/08.4	27584	2001 DT ₁₆	2004 08 08.1	21 13.35	-36 33.7	21.2	-1.02	- 0.6	5.0/03.2	12294
2000 YN ₁₃₆	2004 08 07.8	21 12.11	-10 50.6	19.5	-0.71	- 6.8	1.4/09.4	29657	1999 RV ₁₈₆	2004 08 08.1	21 13.37	-18 31.1	19.5	-0.86	- 2.1	0.8/07.6	33085
1999 RO ₁₀₆	2004 08 07.8	21 12.15	-12 06.1	18.6	-0.85	- 1.0	1.4/08.7	47791	1999 JS ₄₉	2004 08 08.1	21 13.41	-33 50.8	18.1	-0.96	- 4.3	7.0/03.5	47779
2000 EF ₃₃	2004 08 07.8	21 12.15	-18 07.5	18.9	-1.01	- 7.3	0.9/07.3	40063	2001 YP ₁₀₁	2004 08 08.1	21 13.45	-14 27.8	20.2	-0.85	- 4.6	0.5/08.6	48181
1994 SP ₇	2004 08 07.8	21 12.18	-17 46.1	19.9	-0.78	- 3.6	0.5/07.4	62212	2001 TJ ₆₂	2004 08 08.1	21 13.45	-24 43.9	19.7	-1.08	- 4.9	3.4/06.0	30478
2003 FM ₂	2004 08 07.8	21 12.29	-24 25.3	21.3	-0.94	- 4.7	2.7/05.7	47391	2000 SL ₃₁₅	2004 08 08.1	21 13.49	+07 41.8	19.8	-0.87	- 1.0	9.3/13.8	47967
2001 XP ₉₇	2004 08 07.8	21 12.31	-21 18.5	18.8	-1.03	- 5.2	2.2/06.6	30574	2002 AS ₄₈	2004 08 08.1	21 13.49	-10 13.2	19.8	-0.88	- 2.6	2.2/09.6	48186
2003 BH ₃₇	2004 08 07.8	21 12.37	-12 52.9	20.5	-0.97	- 7.3	1.3/08.8	48319	2002 CQ ₁₃₆	2004 08 08.1	21 13.49	-11 34.0	20.2	-0.83	- 7.3	1.4/09.5	30667
2003 BP ₄₄	2004 08 07.8	21 12.38	-18 43.9	19.7	-0.99	- 5.4	1.0/07.2	47278	2000 QN ₁₂₅	2004 08 08.1	21 13.51	-18 23.4	18.5	-1.06	- 0.7	0.8/07.7	31912
2001 VN ₁₈	2004 08 07.8	21 12.43	-18 06.4	20.9	-0.96	- 4.0	0.7/07.4	48148	2000 SM ₂₂₀	2004 08 08.1	21 13.54	-41 48.8	18.9	-0.99	- 3.2	11.0/31.7	50493
2001 UC ₁₇₃	2004 08 07.8	21 12.47	-08 29.3	19.7	-0.96	- 6.3	3.3/09.9	23894	2000 SY ₄₉	2004 08 08.1	21 13.54	-11 30.5	19.2	-0.91	- 2.6	1.7/09.2	27056
1997 VC	2004 08 07.9	21 12.45	-13 21.2	20.4	-0.98	- 4.5	1.1/08.6	47717	1999 RB ₁₆₁	2004 08 08.2	21 13.59	-18 37.3	19.2	-0.84	- 3.4	0.9/07.6	33822
2001 SU ₁₁₄	2004 08 07.9	21 12.51	-07 54.3	20.2	-0.98	- 5.6	3.6/10.0	46646	2000 RS ₁₀₃	2004 08 08.2	21 13.63	-05 03.2	19.7	-0.89	- 2.1	3.6/10.8	33250
2002 AA ₁₄	2004 08 07.9	21 12.54	-18 11.6	19.8	-0.73	- 6.9	0.5/07.3	49952	2001 VM ₈₁	2004 08 08.2	21 13.63	-11 41.8	19.4	-0.91	- 3.0	1.4/09.3	27780
2001 UH ₉₀	2004 08 07.9	21 12.55	-16 11.2	21.5	-0.95	- 5.3	0.0/07.9	23871	2001 TF ₆	2004 08 08.2	21 13.67	-14 14.1	19.4	-0.94	- 7.1	0.7/08.7	50560
2002 CE ₅₀	2004 08 07.9	21 12.55	-04 09.8	20.1	-0.72	- 4.1	3.4/11.2	48200	2003 FC ₉₃	2004 08 08.2	21 13.71	-32 17.8	19.1	-0.98	- 3.1	5.3/04.2	50757
2001 YA ₁₁₃	2004 08 07.9	21 12.56	-25 34.0	19.9	-0.88	- 5.2	2.8/05.4	27795	2002 DX ₁₄	2004 08 08.2	21 13.72	-09 43.0	20.8	-0.88	- 6.0	2.2/09.9	47191

2003 BB ₁₀	2004 08 08.2	21 13.75	-09 18.0	19.8	-1.02	- 4.5	2.8/09.9	56741
2000 OK ₅₉	2004 08 08.2	21 13.76	-13 21.9	18.5	-0.73	- 5.7	1.3/09.0	47907
2000 QT ₁₂₈	2004 08 08.2	21 13.77	-13 04.4	18.4	-0.89	- 2.7	1.2/09.0	47922
2003 FC ₉₁	2004 08 08.2	21 13.77	-18 19.4	20.3	-1.05	- 2.5	0.8/07.7	47463
2001 YD ₁₂₈	2004 08 08.2	21 13.79	-35 52.1	20.9	-1.02	- 4.5	6.4/02.8	47110
2000 XV ₁₉	2004 08 08.2	21 13.80	-41 15.1	18.2	-1.06	- 1.9	8.4/01.5	30436
2000 RN ₉₇	2004 08 08.2	21 13.88	+00 02.6	17.8	-1.20	+ 4.5	6.1/10.7	47939
2000 SK ₃₆₂	2004 08 08.2	21 13.89	-48 52.5	20.0	-1.26	- 1.6	9.2/30.1	47969
2002 AS ₁₃	2004 08 08.2	21 13.92	-19 47.9	19.3	-0.88	- 7.4	1.2/07.2	30605
1999 UK ₁₇	2004 08 08.2	21 13.94	-04 09.5	19.6	-0.72	- 5.6	3.8/11.7	47815
2000 SR ₃₂	2004 08 08.2	21 13.97	-33 53.3	19.7	-1.04	- 2.3	6.6/03.9	47942
2000 UZ ₅₈	2004 08 08.2	21 13.98	-12 15.9	18.9	-0.86	- 2.9	1.4/09.2	27125
2001 WY ₂₇	2004 08 08.3	21 13.91	-20 40.0	19.6	-0.92	- 5.4	1.7/07.1	50575
1999 TO ₁₄₃	2004 08 08.3	21 13.98	-18 31.8	18.8	-0.81	- 2.0	0.7/07.7	30322
1999 RG ₂₀₇	2004 08 08.3	21 13.99	-07 29.4	18.6	-0.79	- 1.8	2.6/10.4	30314
2002 EA ₃₄	2004 08 08.3	21 13.99	-27 47.4	18.8	-0.91	- 1.9	3.9/05.5	31977
2001 RN ₆₈	2004 08 08.3	21 14.01	-15 38.1	18.9	-1.09	- 1.6	0.2/08.4	46589
2001 SU ₂₂₅	2004 08 08.3	21 14.01	-14 04.3	20.1	-0.97	- 5.1	0.7/08.8	48105
2001 TL ₈₉	2004 08 08.3	21 14.06	-08 02.4	19.5	-1.01	- 3.5	3.8/10.2	23813
1999 RA ₆₇	2004 08 08.3	21 14.07	-11 43.0	18.9	-0.74	- 7.4	1.5/09.6	47789
2002 CH ₁₂₈	2004 08 08.3	21 14.08	-11 22.5	18.8	-0.78	- 3.6	1.5/09.5	48205
2001 UF ₁₆₁	2004 08 08.3	21 14.13	-32 12.3	19.0	-0.86	- 6.8	8.4/03.2	30526
2000 RM ₆₄	2004 08 08.3	21 14.16	-01 30.8	18.4	-0.92	- 1.7	5.7/11.8	47935
2000 XH ₄₈	2004 08 08.3	21 14.19	-33 27.0	18.8	-0.88	- 1.9	4.7/04.0	30438
2001 TF ₇₁	2004 08 08.3	21 14.19	-18 23.0	18.3	-0.95	- 6.5	1.1/07.7	48119
1999 PG ₈	2004 08 08.3	21 14.20	-20 55.4	18.3	-0.88	- 1.0	2.1/07.3	47786
1999 VY ₁₈₀	2004 08 08.3	21 14.22	+18 49.4	19.3	-0.99	- 8.0	14.6/20.2	62251
2002 CF ₁₀₇	2004 08 08.3	21 14.22	-29 19.7	18.7	-0.83	- 1.7	4.0/05.1	48204
1998 EU ₃	2004 08 08.3	21 14.28	-24 30.2	21.3	-1.26	- 5.2	3.5/06.4	37076
2001 XC ₃₅	2004 08 08.3	21 14.29	-15 11.5	19.4	-0.97	- 1.8	0.3/08.6	23951
2003 FZ ₁₀₆	2004 08 08.3	21 14.32	+06 13.1	20.0	-0.82	- 4.9	7.4/14.9	50758
2001 VS ₁₀	2004 08 08.3	21 14.34	-18 27.6	17.8	-1.07	+ 0.3	1.2/07.9	50572
2001 SA ₂₄₉	2004 08 08.3	21 14.36	-21 20.9	19.8	-1.00	- 4.2	2.0/07.1	48107
1999 TX ₂₀₈	2004 08 08.4	21 14.29	-35 33.1	18.1	-1.71	+ 5.2	9.2/05.9	40024
2002 AW ₁₄₆	2004 08 08.4	21 14.29	-21 52.8	19.1	-0.77	- 6.4	1.9/06.7	50587
2001 SV ₉₈	2004 08 08.4	21 14.31	-09 01.6	20.2	-0.98	- 5.7	2.7/10.2	46635
2002 FJ ₇	2004 08 08.4	21 14.31	-34 02.0	20.6	-0.89	- 1.5	4.5/04.0	30730
1999 RA ₁₄₀	2004 08 08.4	21 14.39	-04 11.3	18.4	-0.74	- 5.6	3.9/11.8	47793
2001 AD ₅	2004 08 08.4	21 14.40	-02 40.7	19.0	-0.84	- 0.1	4.0/11.3	11024
1999 RK ₇₀	2004 08 08.4	21 14.47	-03 13.6	19.2	-0.73	- 5.4	4.4/12.1	47789
2001 UK ₉₇	2004 08 08.4	21 14.52	-28 05.0	20.4	-1.05	- 4.6	4.6/05.4	46810
2001 UR ₇₅	2004 08 08.4	21 14.54	-29 49.4	20.7	-1.07	- 5.3	5.4/04.7	30515
2000 WF ₁₃₄	2004 08 08.4	21 14.57	-12 38.2	19.1	-0.89	- 1.9	1.1/09.0	8554
2001 YL ₄₈	2004 08 08.4	21 14.58	-23 06.6	18.7	-0.94	- 5.0	3.4/06.6	47085
2000 QE ₆₂	2004 08 08.4	21 14.62	-20 24.9	18.0	-0.75	-10.0	2.0/07.0	47915
2000 SL ₉₀	2004 08 08.4	21 14.67	-02 32.5	18.6	-0.96	- 0.2	4.8/11.3	47948
2001 XY ₂₅₀	2004 08 08.4	21 14.71	-14 04.2	20.5	-0.89	- 4.2	0.6/09.0	30591
1999 VZ ₁₄	2004 08 08.4	21 14.73	-25 31.6	19.5	-0.89	- 1.5	3.2/06.3	47818
2000 HW ₅₃	2004 08 08.5	21 14.67	-06 59.8	17.9	-0.82	- 5.5	4.4/11.0	22153
2001 XV ₂₄₅	2004 08 08.5	21 14.68	-09 41.5	18.7	-1.04	- 1.7	2.8/09.8	33951
2001 YZ ₇₂	2004 08 08.5	21 14.70	-23 04.6	20.5	-0.91	- 5.0	2.5/06.6	48178

2000 XT ₂₀	2004 08 08.5	21 14.70	-29 01.6	17.6	-1.01	- 0.4	6.1/05.5	9889
1999 RH ₁₂₃	2004 08 08.5	21 14.74	-08 36.7	18.6	-0.80	- 1.8	2.3/10.3	47792
2001 XX ₆₃	2004 08 08.5	21 14.76	-21 20.2	18.7	-0.96	- 6.4	2.4/07.0	30570
2001 XK ₅₀	2004 08 08.5	21 14.78	-16 17.8	20.6	-0.95	- 4.6	0.1/08.4	48162
2002 AH ₁₇₄	2004 08 08.5	21 14.82	-20 43.1	19.6	-0.93	- 3.7	1.7/07.3	48193
2003 EW ₅₈	2004 08 08.5	21 14.85	+04 38.3	19.0	-0.83	- 5.0	7.4/14.5	50753
2000 UM ₄₁	2004 08 08.5	21 14.89	-32 05.0	18.7	-0.85	- 3.1	4.3/04.3	30413
2000 QZ ₄₃	2004 08 08.5	21 14.93	-21 00.5	19.3	-1.08	0.0	1.9/07.5	47913
2000 SK ₁₃₁	2004 08 08.5	21 14.95	+04 33.1	19.3	-0.89	- 1.7	8.1/13.8	47952
1999 RB ₂₀₄	2004 08 08.5	21 15.10	-13 03.5	18.1	-0.84	- 0.9	0.9/09.2	30314
2000 NF ₂₁	2004 08 08.5	21 15.10	+01 20.0	17.4	-0.94	- 0.1	7.6/12.5	47902
2002 CE ₈₀	2004 08 08.5	21 15.12	-18 04.5	19.5	-0.82	- 6.9	0.8/08.0	48202
1999 ON ₂	2004 08 08.6	21 15.06	-09 13.7	16.6	-1.59	+ 8.3	3.4/09.2	47786
2000 YB ₇₃	2004 08 08.6	21 15.14	+05 13.0	19.7	-0.75	- 1.8	5.6/14.0	30441
2000 SV ₂₈₂	2004 08 08.6	21 15.15	-00 05.7	19.0	-0.90	- 1.4	6.3/12.2	8507
2000 VP ₅₄	2004 08 08.6	21 15.15	-05 51.5	20.1	-0.80	- 2.1	3.0/11.1	47986
2000 SC ₃₆₈	2004 08 08.6	21 15.21	-14 16.3	19.4	-0.84	- 5.8	0.7/09.1	47970
1999 TW ₁₃₀	2004 08 08.6	21 15.28	-21 35.7	19.3	-0.82	- 2.4	1.7/07.2	30322
2003 DT ₂₀	2004 08 08.6	21 15.28	-16 06.8	19.7	-0.96	- 5.5	0.1/08.6	50747
2002 CU ₆₃	2004 08 08.6	21 15.34	-30 34.2	19.0	-0.86	- 5.4	5.0/04.4	47173
2002 BO ₃	2004 08 08.6	21 15.35	-33 31.3	18.7	-0.93	- 2.0	5.7/04.3	30630
2001 YZ ₄₄	2004 08 08.6	21 15.37	-22 32.8	18.4	-1.04	- 4.8	2.8/07.0	30595
2000 UW ₁₅	2004 08 08.6	21 15.37	-19 13.3	20.2	-0.86	- 3.5	1.1/07.8	29445
2001 SG ₁₀₇	2004 08 08.6	21 15.38	-11 28.6	18.0	-1.08	- 2.2	1.9/09.6	27772
1999 VN ₈₅	2004 08 08.6	21 15.38	-55 36.1	17.9	-1.03	- 7.0	14.3/23.1	50436
2001 SO ₁₁₈	2004 08 08.6	21 15.41	-10 09.3	19.5	-1.03	- 4.1	2.5/10.1	50555
1997 BW ₄	2004 08 08.6	21 15.42	-24 25.6	19.7	-0.91	- 7.1	2.8/06.2	47709
2002 CC ₈₉	2004 08 08.6	21 15.42	-19 00.5	19.5	-0.80	- 6.3	1.1/07.8	48202
2000 UY ₅₈	2004 08 08.6	21 15.51	-25 51.9	17.9	-0.96	- 2.0	3.9/06.3	8521
2002 WD	2004 08 08.6	21 15.57	-30 48.3	17.9	-1.62	+ 4.4	6.9/06.7	41873
2000 RH ₄₉	2004 08 08.7	21 15.49	-33 31.9	18.9	-1.13	+ 0.8	6.0/05.2	47935
2003 HV ₄₅	2004 08 08.7	21 15.52	-46 49.3	19.2	-1.02	- 2.6	9.8/30.8	48377
2001 SV ₃₂₇	2004 08 08.7	21 15.53	-23 21.4	19.7	-1.05	- 5.8	3.0/06.8	48112
2002 CO ₂₄₆	2004 08 08.7	21 15.54	-19 38.0	20.8	-0.83	- 2.3	1.3/07.8	29898
1999 FP ₉	2004 08 08.7	21 15.54	-05 27.2	19.1	-0.87	- 7.3	3.5/11.7	50405
2001 YR ₅₂	2004 08 08.7	21 15.56	+00 51.7	18.4	-0.97	- 0.3	6.4/12.3	30596
2000 HS ₇₂	2004 08 08.7	21 15.66	-31 14.5	18.3	-1.05	- 1.7	8.1/05.0	25782
2000 QN ₁₄₉	2004 08 08.7	21 15.69	-27 49.7	18.0	-1.00	- 2.0	4.2/05.9	47923
2001 UX ₁₆₂	2004 08 08.7	21 15.73	-15 37.5	20.1	-0.90	- 4.5	7.4/20.0	48144
2002 EX ₁₂₁	2004 08 08.7	21 15.78	-16 06.6	20.2	-0.88	- 6.0	9.0/20.0	48223
2000 WT ₄₆	2004 08 08.7	21 15.81	-29 06.3	19.9	-0.82	- 5.2	3.9/05.0	47989
2001 TF ₁₀₀	2004 08 08.7	21 15.86	-10 10.0	18.2	-0.94	- 3.3	2.9/10.2	23816
2000 QG ₈₅	2004 08 08.7	21 15.88	-15 44.7	19.4	-1.12	+ 0.3	9.4/20.0	13693
2000 PZ ₈	2004 08 08.8	21 15.82	+04 43.5	17.5	-0.94	+ 0.4	9.1/13.4	62304
2001 TQ ₁₄₇	2004 08 08.8	21 15.88	-24 15.3	19.6	-1.02	- 5.9	3.4/06.6	49934
2001 UB ₆₁	2004 08 08.8	21 15.93	-13 47.1	19.7	-0.97	- 4.3	0.8/09.3	50569
5483 T-2	2004 08 08.8	21 15.96	-22 15.6	20.1	-0.95	- 0.2	2.3/07.5	48391
2002 AZ ₁₉₀	2004 08 08.8	21 15.98	+02 32.0	19.8	-0.81	- 9.5	6.3/14.7	48194
2000 YE ₈₅	2004 08 08.8	21 16.01	-14 49.0	20.6	-0.81	- 4.3	0.3/09.0	50514
2001 YV ₁₁₂	2004 08 08.8	21 16.03	-21 20.1	20.0	-0.88	- 3.4	1.7/07.5	48181
2002 EG ₁₅	2004 08 08.8	21 16.03	-15 51.2	21.1	-0.77	- 3.2	6.4/20.0	48216

2000 HL ₉₆	2004 08 08.8	21 16.04	-10 55.1	19.4	-0.94	- 7.7	2.0/10.3	47891
2001 TG ₁₁₂	2004 08 08.8	21 16.06	-19 14.0	19.5	-1.08	- 3.4	1.3/08.1	48122
1999 VL ₁₅₉	2004 08 08.8	21 16.07	-05 55.4	18.5	-0.76	- 3.0	3.3/11.4	27653
2000 KV ₄	2004 08 08.8	21 16.09	-46 22.5	18.9	-1.23	- 7.1	11.6/30.5	40110
2001 TK ₂₁₉	2004 08 08.8	21 16.10	-24 30.0	18.8	-1.00	- 5.2	3.3/06.6	50566
2000 SM ₂₀₀	2004 08 08.8	21 16.10	-27 22.3	20.7	-0.97	- 2.7	3.5/06.0	33265
2001 XP ₃₆	2004 08 08.8	21 16.12	-16 50.1	18.9	-0.96	- 2.0	0.3/08.6	48161
2002 GT ₁₂₂	2004 08 08.8	21 16.15	-23 55.5	20.3	-0.78	- 3.5	2.2/06.7	33553
2000 WW ₄₁	2004 08 08.8	21 16.16	-19 22.0	18.9	-0.75	- 7.1	1.1/07.8	47988
2002 CD ₈₉	2004 08 08.8	21 16.24	-16 00.1	20.5	-0.75	- 3.8	6.4/20.0	30655
2000 WY ₁₅₃	2004 08 08.8	21 16.26	+22 14.3	19.2	-0.89	+ 0.4	12.1/18.7	9883
2001 UU ₆₆	2004 08 08.9	21 16.24	-10 49.7	17.6	-0.92	- 3.3	2.6/10.1	30514
1999 UQ ₄₃	2004 08 08.9	21 16.30	-00 59.6	19.2	-0.83	- 0.1	4.6/12.2	47817
2001 ST ₉	2004 08 08.9	21 16.30	-14 39.8	20.0	-0.97	- 4.1	0.4/09.2	46607
2002 FK ₃₈	2004 08 08.9	21 16.31	-24 10.9	20.7	-0.81	- 3.4	2.3/06.7	48226
2002 AD ₁₅₄	2004 08 08.9	21 16.32	-19 34.5	20.7	-0.79	- 2.4	1.0/08.0	48192
2000 WS ₁₇₆	2004 08 08.9	21 16.34	-20 31.8	18.8	-0.84	- 4.0	1.6/07.7	60727
2002 CB ₁₄₄	2004 08 08.9	21 16.34	-12 54.4	19.4	-0.97	- 2.7	1.1/09.6	48206
1999 RH ₁₄₄	2004 08 08.9	21 16.41	-01 25.7	18.6	-0.73	- 5.0	5.1/13.1	47793
1997 YG ₁₄	2004 08 08.9	21 16.44	-09 32.7	18.0	-1.00	+ 0.2	2.3/10.2	27593
2000 SP ₉₁	2004 08 08.9	21 16.48	-14 05.4	18.1	-1.11	+ 2.7	0.8/09.0	30391
2002 AZ ₅₆	2004 08 08.9	21 16.49	-16 34.5	18.8	-0.82	- 6.6	0.3/08.8	50585
2002 AB ₁₂₈	2004 08 08.9	21 16.49	-15 13.7	19.4	-0.88	- 8.0	8.8/20.0	30619
2001 WT ₇	2004 08 08.9	21 16.51	-12 28.1	21.4	-0.94	- 5.6	1.2/09.9	46925
2001 XJ ₁₇	2004 08 08.9	21 16.54	-19 29.3	17.3	-1.05	- 0.5	1.8/08.2	23947
2002 AL ₇₈	2004 08 08.9	21 16.54	-25 09.0	20.3	-0.89	- 4.9	3.4/06.5	48188
2002 AR ₉₀	2004 08 08.9	21 16.56	-10 57.7	18.7	-0.90	+ 0.7	1.4/10.0	30613
2000 SG ₂₄₄	2004 08 08.9	21 16.59	-05 09.3	20.3	-0.80	- 8.4	3.6/12.2	47962
2001 SJ ₁₉₅	2004 08 08.9	21 16.60	-24 21.0	19.5	-1.12	- 2.9	3.7/07.0	50557
2003 FO ₅₂	2004 08 08.9	21 16.62	-29 58.5	20.1	-1.00	- 3.9	4.8/05.4	50755
2002 AZ ₁₉₂	2004 08 08.9	21 16.64	-13 10.2	21.6	-0.82	- 1.4	0.7/09.6	30629
2000 GF ₁	2004 08 08.9	21 16.68	-53 57.2	19.6	-1.53	- 2.6	13.6/30.4	47875
2000 RG ₁₀₃	2004 08 09.0	21 16.68	-11 03.6	18.9	-1.03	+ 1.1	1.8/09.9	27700
2000 WK ₁₆₃	2004 08 09.0	21 16.69	-02 56.1	19.9	-0.76	- 2.9	3.9/12.4	30432
2000 YH ₅₂	2004 08 09.0	21 16.72	-16 50.6	20.5	-0.81	- 3.5	0.3/08.8	33340
2000 WR ₁₇₂	2004 08 09.0	21 16.72	-04 33.3	18.5	-0.68	- 5.8	2.9/12.4	50509
2000 JP ₂₅	2004 08 09.0	21 16.73	-26 39.9	19.7	-1.13	- 2.4	4.5/06.6	50475
2001 SO ₂₈₅	2004 08 09.0	21 16.75	-25 49.8	19.8	-1.08	- 2.9	3.8/06.7	46691
2000 GH ₁₆₀	2004 08 09.0	21 16.75	-14 51.0	18.0	-1.12	+ 1.2	0.5/09.2	41637
2003 ES ₂₆	2004 08 09.0	21 16.75	-20 24.1	20.6	-1.05	- 3.7	1.7/07.9	50750
1999 TO ₄	2004 08 09.0	21 16.81	-53 17.3	19.6	-2.04	+ 4.2	17.8/01.4	47800
2001 YX ₁₄₇	2004 08 09.0	21 16.87	-29 44.2	18.5	-1.07	- 5.4	6.4/05.2	33955
2002 CW	2004 08 09.0	21 16.88	-02 29.3	18.4	-0.82	- 1.7	4.6/12.3	48197
2000 SC ₁₁₅	2004 08 09.0	21 16.91	-24 26.3	18.5	-0.92	- 2.5	3.6/07.0	47950
2002 BE ₁₁	2004 08 09.0	21 16.97	-22 48.3	19.0	-0.85	- 1.2	2.0/07.5	30631
2002 CJ ₃₁	2004 08 09.0	21 17.04	-27 57.4	19.0	-0.99	+ 0.9	4.1/06.6	48199
2002 CD ₂₃₈	2004 08 09.1	21 16.95	-13 31.4	17.5	-0.93	- 0.4	1.0/09.6	29885
1995 QO	2004 08 09.1	21 16.98	-24 20.6	18.5	-1.04	- 0.3	3.7/07.2	27583
2003 FB ₁₉	2004 08 09.1	21 17.02	-15 22.4	18.8	-0.80	- 8.6	0.1/09.2	47404
2000 JK ₅₅	2004 08 09.1	21 17.04	-28 30.9	18.4	-1.00	- 5.4	5.6/05.7	43368
1999 TS ₃₂₃	2004 08 09.1	21 17.06	-03 15.1	17.1	-0.89	+ 1.9	4.9/11.6	62248

1993 OT ₁₁	2004 08 09.1	21 17.09	-10 59.9	18.2	-0.83	- 1.2	1.9/10.2	62211
2001 XW ₃₃	2004 08 09.1	21 17.10	-17 00.2	20.3	-0.95	- 5.1	0.4/08.8	48161
2000 SG ₈₉	2004 08 09.1	21 17.11	+04 36.2	17.5	-0.93	- 0.1	8.0/13.5	47948
2001 TY ₇₁	2004 08 09.1	21 17.11	-04 17.8	19.6	-0.92	- 4.7	4.3/12.2	48119
2000 AO ₆₀	2004 08 09.1	21 17.12	-12 43.9	19.7	-1.14	- 3.5	1.2/09.8	696
2000 SW ₂₂₂	2004 08 09.1	21 17.12	-07 08.9	19.5	-0.82	- 4.9	3.3/11.5	62310
2000 HT ₄₅	2004 08 09.1	21 17.16	-27 11.4	19.1	-1.06	- 4.8	5.0/06.2	47888
2001 UU ₁₂	2004 08 09.1	21 17.16	-07 31.6	19.2	-0.93	- 5.5	3.3/11.3	23848
2000 GK ₆₇	2004 08 09.1	21 17.22	-20 22.9	18.5	-0.96	- 3.2	2.3/08.1	47879
2000 SM ₂₉₂	2004 08 09.1	21 17.29	-31 12.8	18.3	-1.15	+ 4.4	7.8/06.5	13777
2001 UB ₁₆	2004 08 09.1	21 17.32	-21 20.3	17.7	-0.92	- 6.0	2.5/07.7	48133
2001 VH ₄₅	2004 08 09.1	21 17.33	-05 59.3	18.7	-0.97	- 2.6	3.8/11.4	30539
2001 VV ₁₀₄	2004 08 09.1	21 17.35	-19 15.0	20.7	-1.00	- 4.6	1.3/08.3	26050
1999 UH ₄₇	2004 08 09.1	21 17.36	-21 16.0	19.3	-0.83	- 2.4	1.9/07.8	30330
1998 DV	2004 08 09.1	21 17.38	-18 21.8	19.4	-0.93	- 3.1	0.8/08.6	27595
2002 EV ₄₂	2004 08 09.1	21 17.40	-34 40.4	20.7	-1.02	+ 0.3	5.2/05.0	30708
2001 TJ ₁₆₂	2004 08 09.1	21 17.40	-14 45.4	19.6	-1.01	- 3.9	0.4/09.4	48127
2001 TJ ₁₄₅	2004 08 09.1	21 17.41	-30 32.7	20.5	-1.10	- 4.5	6.0/05.4	46755
2001 UU ₁₅₁	2004 08 09.1	21 17.42	-14 35.7	20.5	-0.98	- 4.4	0.4/09.5	49936
2000 QW ₂₀₅	2004 08 09.2	21 17.36	-13 17.0	19.1	-0.89	- 5.1	0.9/09.9	29264
1993 QG ₈	2004 08 09.2	21 17.38	-12 06.8	19.4	-0.75	- 6.1	1.2/10.3	57657
1996 VS ₁₀	2004 08 09.2	21 17.39	-34 23.0	18.2	-1.09	+ 3.0	9.2/05.6	47706
2001 TK ₁₈₂	2004 08 09.2	21 17.39	-16 30.5	18.6	-1.01	- 1.3	0.4/09.1	48129
2000 WQ ₁₂₈	2004 08 09.2	21 17.42	-20 36.8	19.3	-0.83	- 4.2	1.8/07.9	47991
2002 AQ ₁₁₄	2004 08 09.2	21 17.43	-23 15.4	19.2	-0.83	- 9.6	2.8/06.8	31439
2001 XW ₉₆	2004 08 09.2	21 17.44	-10 06.1	18.5	-1.00	- 2.5	2.3/10.5	30574
2000 SO ₁₃₄	2004 08 09.2	21 17.45	+00 41.7	19.4	-0.90	- 1.8	6.4/13.1	29354
2000 SB ₁₄₀	2004 08 09.2	21 17.46	+02 28.1	19.9	-0.81	- 4.3	6.1/14.0	47952
2001 WF ₁₀₁	2004 08 09.2	21 17.48	-21 00.1	20.3	-0.92	- 4.1	1.7/07.9	46955
2000 WF ₁₀₃	2004 08 09.2	21 17.48	-14 07.1	18.4	-0.75	- 6.8	0.5/09.7	30428
2002 AQ ₃₂	2004 08 09.2	21 17.50	-13 02.6	19.4	-0.87	- 5.3	0.9/10.0	30607
2000 OZ ₅	2004 08 09.2	21 17.55	-15 21.9	15.7	-1.11	+ 2.8	0.2/09.3	47903
2001 XT ₂₈	2004 08 09.2	21 17.55	-10 06.7	20.7	-0.87	- 4.9	1.7/10.7	48160
2000 OM ₅₉	2004 08 09.2	21 17.63	-14 45.5	18.9	-0.86	- 7.3	0.4/09.6	47907
4123 T-3	2004 08 09.2	21 17.63	+03 50.4	21.0	-0.70	- 4.9	5.1/14.9	48393
2000 SW ₄₇	2004 08 09.2	21 17.67	-05 15.8	18.7	-0.98	+ 0.2	4.2/11.4	47944
2001 UN ₂	2004 08 09.2	21 17.69	-14 44.3	18.2	-0.91	- 6.3	0.4/09.6	48132
2002 BH	2004 08 09.2	21 17.70	-31 32.1	19.2	-1.16	- 2.5	6.1/05.4	27818
2001 YJ ₄₆	2004 08 09.3	21 17.71	-25 43.4	18.8	-1.03	- 6.3	4.3/06.5	30595
2000 JR ₅₅	2004 08 09.3	21 17.73	-27 12.6	18.0	-0.94	- 6.6	5.3/06.0	47894
2003 HD ₁₉	2004 08 09.3	21 17.78	-13 21.2	19.6	-0.89	- 3.8	0.9/09.9	62445
2000 SE ₂₈₈	2004 08 09.3	21 17.78	-14 07.1	17.8	-0.99	- 0.3	0.7/09.7	30404
1998 XN ₅₃	2004 08 09.3	21 17.78	-13 27.0	17.7	-1.07	- 2.3	0.9/09.8	50400
2002 CB ₈₄	2004 08 09.3	21 17.79	-17 03.7	19.9	-0.75	- 3.3	0.4/09.0	48202
2001 SW ₂₃₃	2004 08 09.3	21 17.84	-12 10.6	21.1	-0.96	- 5.8	1.3/10.3	46668
2000 WH ₂₄	2004 08 09.3	21 17.89	-28 56.8	19.0	-0.81	- 5.2	3.7/05.5	30424
1999 JE ₉₉	2004 08 09.3	21 17.91	-14 51.8	17.1	-0.68	-11.6	0.4/09.6	47781
2001 XW ₂₄₃	2004 08 09.3	21 17.93	+01 06.9	18.4	-0.96	- 2.6	6.9/13.4	26093
2000 AF ₁₃₈	2004 08 09.3	21 17.97	-17 10.1	18.1	-0.77	- 6.5	0.5/08.9	47843
2000 OM ₂₂	2004 08 09.3	21 18.02	-29 51.4	17.3	-1.21	+ 7.4	8.0/07.3	47904
2001 TW ₅₀	2004 08 09.3	21 18.03	-17 52.9	19.2	-0.99	- 6.2	0.9/08.8	46719

2001 TE ₁₁₄	2004 08 09.3	21 18.03	-06 47.2	18.4	-1.00	- 2.4	3.8/11.4	30486
2002 CJ ₆₁	2004 08 09.3	21 18.09	-28 13.3	19.8	-0.94	- 1.8	3.9/06.4	43226
1999 GD ₃₃	2004 08 09.3	21 18.18	-41 29.2	18.7	-1.12	- 2.6	9.6/02.6	47776
2000 GK ₁₁	2004 08 09.4	21 18.13	-30 47.9	19.3	-1.22	- 0.9	6.6/06.3	17253
2002 AH ₁₆₃	2004 08 09.4	21 18.16	-14 51.5	20.0	-0.81	- 7.7	0.3/09.7	30624
1999 TA ₁₀₈	2004 08 09.4	21 18.17	+00 41.7	18.0	-0.81	- 0.3	6.8/13.2	1485
2000 SY ₄₃	2004 08 09.4	21 18.17	+22 19.1	19.6	-0.79	- 5.9	11.0/22.7	50488
2001 XG ₂₄	2004 08 09.4	21 18.18	-14 41.3	17.6	-1.01	- 1.9	0.4/09.6	30563
2001 TQ ₉₀	2004 08 09.4	21 18.21	-19 56.6	19.2	-1.11	- 2.2	1.8/08.5	23813
2001 TG ₂₀	2004 08 09.4	21 18.22	-03 30.5	18.3	-0.99	- 1.7	4.4/12.2	46702
2001 XT ₂₀	2004 08 09.4	21 18.23	-32 40.5	19.5	-1.15	- 5.9	6.8/04.6	30563
2002 EB ₄₂	2004 08 09.4	21 18.28	-11 59.6	21.0	-0.84	- 4.0	1.1/10.4	35169
2001 XU ₅₀	2004 08 09.4	21 18.30	-09 34.7	20.9	-0.90	- 3.8	2.1/11.0	46978
2000 WT ₁₀₉	2004 08 09.4	21 18.36	-16 13.6	19.0	-0.78	- 2.6	0.1/09.3	30429
2000 WK ₂₂	2004 08 09.4	21 18.37	-39 50.2	19.0	-1.06	- 6.2	9.6/01.5	9869
2001 SH ₃₇	2004 08 09.4	21 18.38	-06 27.9	19.4	-0.90	- 6.3	3.1/12.0	48087
2002 BE ₃₀	2004 08 09.4	21 18.40	-28 42.1	20.2	-0.92	- 3.6	3.7/06.0	33960
2001 XR ₁₀₅	2004 08 09.4	21 18.44	-19 21.9	20.1	-0.86	- 6.0	1.3/08.5	50578
2002 CJ ₁₅	2004 08 09.4	21 18.45	-17 41.3	18.8	-0.75	- 8.1	0.7/08.9	47169
2002 FQ ₁₃	2004 08 09.4	21 18.46	-35 21.2	19.6	-0.99	- 6.5	6.4/03.4	31483
2003 FW ₁₀₄	2004 08 09.4	21 18.47	-12 19.3	21.4	-0.93	- 6.5	1.2/10.4	47477
2000 QT ₇₀	2004 08 09.4	21 18.49	-03 36.8	18.9	-0.87	-11.9	3.8/13.4	30367
1999 AB ₂₄	2004 08 09.4	21 18.51	-38 46.9	19.7	-1.37	+ 0.6	7.4/04.7	23469
2001 TG ₂₃₅	2004 08 09.5	21 18.49	-30 53.1	18.4	-1.04	- 8.6	7.0/04.7	33934
2000 PR ₁₈	2004 08 09.5	21 18.52	-19 55.8	18.9	-0.93	- 2.2	2.0/08.5	47908
2001 UJ ₈₆	2004 08 09.5	21 18.56	-21 14.4	19.0	-0.98	- 5.0	2.3/08.1	43447
2000 RE ₈₃	2004 08 09.5	21 18.57	-08 41.0	19.0	-0.99	+ 0.5	2.8/10.9	47937
2003 EX ₂₈	2004 08 09.5	21 18.57	+02 10.8	19.0	-0.70	- 7.4	5.8/15.4	47352
2000 UF ₈₀	2004 08 09.5	21 18.57	+06 09.3	18.5	-0.86	- 0.8	8.8/14.5	8523
2000 WJ ₁₀₁	2004 08 09.5	21 18.59	-34 39.9	18.4	-0.84	- 6.9	5.3/03.7	50506
2000 XU ₃₃	2004 08 09.5	21 18.62	-27 19.8	17.9	-0.97	- 1.1	4.1/06.8	30437
2000 WS ₁₁₃	2004 08 09.5	21 18.64	-34 11.0	18.9	-0.93	- 3.6	6.5/04.4	50507
2001 VP ₁₁₇	2004 08 09.5	21 18.67	-17 08.2	20.5	-0.99	- 3.7	0.5/09.2	48155
2001 YP ₁₀₅	2004 08 09.5	21 18.69	-17 35.0	20.7	-0.88	- 5.4	0.6/09.0	30599
2001 XJ ₄₁	2004 08 09.5	21 18.70	-16 56.8	19.8	-0.94	- 1.5	0.4/09.3	48161
2000 SF ₃₁₃	2004 08 09.5	21 18.71	+07 20.5	17.8	-0.87	- 0.5	9.4/15.0	27098
2003 ES ₂₉	2004 08 09.5	21 18.72	-24 48.0	20.3	-1.07	- 3.6	3.2/07.3	50750
2001 UU ₁₃₈	2004 08 09.5	21 18.72	-14 29.1	19.8	-0.95	- 4.9	0.4/09.9	46831
2001 YY ₉₃	2004 08 09.5	21 18.73	-43 49.7	17.7	-1.18	- 2.9	10.9/01.4	50583
2000 NQ ₁₄	2004 08 09.5	21 18.78	-11 30.2	16.6	-1.14	+ 6.2	2.1/10.1	47901
2002 AM ₂₀₂	2004 08 09.5	21 18.78	-12 54.8	20.4	-0.85	- 3.4	0.9/10.3	48195
2000 QQ ₁₁₂	2004 08 09.5	21 18.79	-03 24.4	19.2	-0.80	- 7.8	4.1/13.3	47921
2001 RP ₁₃	2004 08 09.5	21 18.80	-11 03.2	19.6	-1.04	- 4.3	1.9/10.7	48070
2001 XZ ₁₉₃	2004 08 09.5	21 18.82	-20 08.0	20.4	-0.86	- 5.6	1.5/08.3	48171
1016 T-3	2004 08 09.5	21 18.83	-04 02.3	18.5	-0.87	- 1.2	4.8/12.3	48391
2002 CG ₆₄	2004 08 09.5	21 18.87	-29 08.5	20.8	-0.86	- 2.4	3.6/06.2	30649
2000 JG ₈₇	2004 08 09.5	21 18.89	-17 10.3	16.9	-0.86	- 6.1	0.8/09.2	22170
1999 XB ₁₃₆	2004 08 09.5	21 18.91	-06 06.4	17.5	-1.60	+13.1	5.5/09.9	50445
2003 HR ₂	2004 08 09.5	21 18.93	-32 11.5	19.8	-0.89	- 3.2	5.6/05.2	50189
2000 PO ₂₄	2004 08 09.5	21 18.94	-34 25.4	18.7	-0.98	- 7.7	8.0/03.4	47909
1999 FY ₄₈	2004 08 09.6	21 18.85	-27 50.1	19.4	-1.06	- 2.3	4.5/06.8	47774

2001 XD ₁₉₄	2004 08 09.6	21 18.86	-14 55.4	19.6	-0.78	- 4.0	0.2/09.8	50580
2002 CH ₂₃	2004 08 09.6	21 18.99	-04 00.7	19.2	-0.88	- 4.2	4.2/12.6	27828
1995 OZ ₃	2004 08 09.6	21 18.99	-16 32.1	18.7	-0.93	- 2.0	0.3/09.4	27583
2002 JQ ₇₇	2004 08 09.6	21 19.00	+02 15.2	19.3	-0.76	- 4.2	5.5/14.5	31713
2003 AC ₁₄	2004 08 09.6	21 19.03	-20 53.0	19.7	-1.02	- 4.6	1.9/08.3	50731
2000 VT ₄₆	2004 08 09.6	21 19.05	-05 41.3	19.0	-0.83	- 1.7	3.1/12.0	29518
2001 TE ₄	2004 08 09.6	21 19.06	-09 58.9	20.0	-0.96	- 5.0	2.0/11.1	48113
2001 YW ₁₅	2004 08 09.6	21 19.07	-14 48.0	16.9	-0.96	- 0.2	0.4/09.8	26096
2001 CT ₁₈	2004 08 09.6	21 19.07	-16 21.0	19.8	-0.76	- 4.2	0.2/09.5	30449
2001 TO ₁₇₉	2004 08 09.6	21 19.11	-16 16.9	20.3	-1.03	- 3.8	0.2/09.5	50565
2000 WE ₁₆₀	2004 08 09.6	21 19.14	-16 56.1	19.9	-0.75	- 4.0	0.3/09.3	47993
2001 WQ ₄₉	2004 08 09.6	21 19.15	-19 17.0	18.6	-0.97	- 4.0	1.6/08.8	62382
2001 KF	2004 08 09.6	21 19.17	-01 41.2	17.4	-0.92	-25.0	6.3/15.3	14438
2002 EX ₇₈	2004 08 09.6	21 19.17	-15 50.7	19.1	-0.83	- 1.6	0.1/09.6	30028
1999 WA ₁₇	2004 08 09.6	21 19.18	-25 55.0	19.7	-0.86	- 3.3	3.3/07.0	1545
2001 XK ₈₆	2004 08 09.6	21 19.20	-12 43.8	18.4	-0.95	- 4.7	1.2/10.4	48165
1996 SQ ₄	2004 08 09.6	21 19.24	+19 47.2	19.8	-0.80	- 5.6	10.6/21.5	47704
2001 VV ₂₈	2004 08 09.6	21 19.25	-11 15.0	20.5	-1.00	- 4.3	1.7/10.8	30534
2002 BN ₁	2004 08 09.6	21 19.29	-26 46.3	17.6	-0.83	-11.2	4.8/05.9	48195
2002 CT ₁₂₅	2004 08 09.6	21 19.31	-15 44.3	20.1	-0.87	- 1.3	0.0/09.7	30664
2000 WQ ₁₀₇	2004 08 09.6	21 19.31	-37 42.8	19.4	-0.92	- 2.9	5.9/03.6	30428
1998 YS ₃₁	2004 08 09.6	21 19.32	+17 51.4	20.5	-1.00	- 1.3	10.4/18.6	47762
2001 TR ₃₄	2004 08 09.7	21 19.26	-25 21.3	19.8	-1.04	- 2.6	3.5/07.4	48116
1999 RY ₉₂	2004 08 09.7	21 19.27	-12 29.1	18.4	-0.80	- 5.5	1.1/10.6	35476
2000 SY ₁₅₁	2004 08 09.7	21 19.32	-40 04.9	18.9	-1.09	- 1.1	10.0/03.3	47954
2002 AV ₁₁₇	2004 08 09.7	21 19.37	-18 33.0	20.4	-0.74	- 7.2	0.8/08.8	49958
2002 CX ₂₅₅	2004 08 09.7	21 19.41	-10 39.7	20.8	-0.87	- 4.0	1.6/11.0	48212
2001 XR ₉₇	2004 08 09.7	21 19.41	-20 20.3	19.6	-0.95	- 3.7	1.7/08.6	50578
2248 T-3	2004 08 09.7	21 19.41	+00 34.4	19.3	-0.74	- 3.5	5.2/14.2	50812
2000 UF ₂₁	2004 08 09.7	21 19.42	-29 36.8	19.8	-0.96	- 2.5	5.5/06.2	47976
2001 XY ₉₁	2004 08 09.7	21 19.42	-42 50.5	21.0	-1.09	- 3.6	8.7/02.2	47003
2002 XA ₅	2004 08 09.7	21 19.43	-48 09.5	19.8	-1.47	- 9.3	14.4/29.7	50717
2001 SQ ₃₀₈	2004 08 09.7	21 19.43	-16 05.3	20.2	-1.08	- 3.6	0.2/09.6	48111
2000 QN ₂₁₆	2004 08 09.7	21 19.45	-20 45.1	19.3	-0.91	- 4.6	1.9/08.4	47929
1994 WO ₄	2004 08 09.7	21 19.47	-14 40.1	18.6	-0.74	- 6.2	0.3/10.0	47694
2003 JP ₁₁	2004 08 09.7	21 19.47	-28 24.7	20.4	-0.79	- 6.8	3.8/05.8	47577
2002 CQ ₂₀₁	2004 08 09.7	21 19.50	-16 44.8	20.1	-0.81	- 5.7	0.4/09.4	30680
2000 SB ₃₆₆	2004 08 09.7	21 19.52	-29 39.6	18.6	-1.12	+ 0.2	5.2/06.8	30407
1998 HX ₁₉	2004 08 09.7	21 19.58	-23 19.5	20.5	-0.90	- 2.9	2.3/07.9	47729
2001 XC ₂₀₁	2004 08 09.7	21 19.61	-17 28.5	17.3	-0.93	- 3.1	0.9/09.3	48171
1999 TU ₁₁₈	2004 08 09.7	21 19.61	-15 58.2	20.1	-0.83	- 3.6	0.1/09.7	30321
1993 UT ₁	2004 08 09.7	21 19.62	-16 16.7	18.3	-0.89	- 2.5	0.3/09.6	47689
2001 SM ₁₁₅	2004 08 09.7	21 19.65	-24 49.0	18.5	-1.05	- 3.3	4.6/07.5	25973
2001 YA ₈₄	2004 08 09.8	21 19.64	-19 05.9	18.0	-0.93	- 4.5	1.7/08.9	48179
2001 UW ₂₃	2004 08 09.8	21 19.66	-15 55.3	18.0	-1.10	- 1.4	0.1/09.7	30507
2001 XB ₁₁₅	2004 08 09.8	21 19.66	-24 45.2	17.4	-1.01	- 0.8	4.7/07.7	48167
2000 SH ₃₃₈	2004 08 09.8	21 19.69	-28 51.1	18.6	-0.91	- 5.7	4.0/06.0	31917
2002 CH ₁₇	2004 08 09.8	21 19.69	-17 19.1	18.7	-1.01	+ 0.3	0.7/09.5	27826
1999 TP ₁₄₅	2004 08 09.8	21 19.79	-23 46.9	18.1	-0.83	- 2.8	2.8/07.8	47807
2002 AJ ₁₇₈	2004 08 09.8	21 19.80	-19 18.8	20.5	-0.82	- 7.3	1.1/08.7	30626
2002 CF ₅₄	2004 08 09.8	21 19.81	-17 42.1	18.5	-0.82	- 0.6	0.6/09.4	30647

2001 UE ₉	2004 08 09.8	21 19.83	-24 05.8	19.0	-0.98	- 6.3	3.2/07.5	46780
2000 YP ₇₂	2004 08 09.8	21 19.88	-01 34.4	18.5	-0.77	- 1.8	4.1/13.4	30441
2001 XL ₄₄	2004 08 09.8	21 19.90	-39 43.5	17.8	-1.02	- 5.3	10.1/02.4	48161
2002 EW ₁₃	2004 08 09.8	21 19.96	-16 24.2	20.8	-0.75	- 3.9	0.2/09.7	48216
1999 GQ ₁	2004 08 09.8	21 19.98	-18 08.5	21.1	-0.97	- 3.9	0.9/09.2	46356
2002 AR ₄₆	2004 08 09.8	21 20.02	-16 38.3	20.5	-0.84	- 6.3	0.4/09.6	47132
2001 XW ₁₃₁	2004 08 09.8	21 20.02	-08 43.5	20.1	-0.92	- 3.8	2.6/11.6	48168
2002 BO ₃₁	2004 08 09.8	21 20.03	-28 46.6	20.6	-0.81	- 2.8	3.2/06.4	38332
2001 XE ₁₈₄	2004 08 09.8	21 20.05	-09 16.8	19.5	-0.94	- 4.3	2.5/11.5	47042
2001 QE ₂₁₉	2004 08 09.8	21 20.05	-14 11.8	19.2	-1.01	- 5.8	0.6/10.2	48062
2001 SB ₂₃₆	2004 08 09.8	21 20.05	-20 55.5	16.6	-0.76	- 7.5	3.0/08.3	23766
2000 QM ₁₃₃	2004 08 09.8	21 20.07	-27 39.4	18.0	-1.26	+ 2.5	4.4/07.8	27684
2000 SO ₂₂	2004 08 09.9	21 20.04	-20 35.3	17.5	-0.74	-13.2	2.1/08.1	47941
2002 CL ₈₈	2004 08 09.9	21 20.06	-17 01.3	20.9	-0.76	- 3.9	0.4/09.5	30655
2003 HN ₄₇	2004 08 09.9	21 20.11	-20 27.8	19.8	-0.80	- 3.9	1.5/08.6	50764
2000 SR ₂₄₇	2004 08 09.9	21 20.13	-31 17.5	19.4	-1.15	+ 0.3	6.0/06.6	27087
2001 BM ₄₀	2004 08 09.9	21 20.15	-12 46.1	19.7	-0.85	- 0.6	0.9/10.6	33359
2003 EF ₄₄	2004 08 09.9	21 20.15	-05 32.1	19.3	-0.97	- 4.1	4.0/12.5	50751
1999 TD ₁	2004 08 09.9	21 20.24	+17 16.0	18.4	-0.66	- 6.6	11.5/22.0	47799
1999 TE ₁₆₃	2004 08 09.9	21 20.27	-18 58.1	19.6	-0.77	- 4.3	1.0/09.0	47808
2003 CM ₁₇	2004 08 09.9	21 20.28	-16 58.1	17.9	-0.80	-11.4	0.6/09.5	50745
2000 QN ₂₂₀	2004 08 09.9	21 20.30	-15 23.4	19.0	-0.96	- 3.4	0.1/10.0	27689
2001 XF ₁₀₇	2004 08 09.9	21 20.37	-33 30.1	19.0	-1.03	- 3.4	6.6/05.3	48166
1999 SS ₂₀	2004 08 09.9	21 20.39	-18 16.9	19.3	-0.79	- 2.8	0.8/09.3	47799
2000 WP ₁₇₂	2004 08 09.9	21 20.41	-21 56.8	18.6	-0.83	- 9.6	2.1/07.9	50509
1999 XZ ₅₆	2004 08 10.0	21 20.39	-16 11.1	19.2	-0.77	- 4.0	0.2/09.8	47830
2000 SA ₇₈	2004 08 10.0	21 20.39	-10 24.5	18.5	-0.86	- 4.6	1.8/11.4	27705
2003 FL ₁₀	2004 08 10.0	21 20.39	-22 27.3	18.7	-0.93	- 3.6	3.4/08.2	47397
2001 TL ₂₄	2004 08 10.0	21 20.41	-06 01.4	19.9	-0.95	- 4.6	3.5/12.5	48115
2000 SJ ₁₄₉	2004 08 10.0	21 20.42	-22 41.6	18.9	-0.88	- 2.8	3.5/08.2	7579
2000 WB ₁₅₅	2004 08 10.0	21 20.47	-03 38.1	18.4	-0.94	+ 0.8	4.8/12.5	29590
2002 BN ₂₀	2004 08 10.0	21 20.50	+24 50.2	20.6	-0.88	- 1.5	10.6/21.7	30633
2001 XA ₁₀₅	2004 08 10.0	21 20.51	-12 45.7	20.2	-0.85	- 3.6	1.0/10.7	62383
2001 SV ₁₇₃	2004 08 10.0	21 20.52	-28 52.9	19.3	-1.07	- 4.7	5.4/06.5	50557
2001 XA ₂₅₃	2004 08 10.0	21 20.54	-09 14.1	20.3	-0.78	- 2.1	1.7/11.6	48174
2000 QD ₇₃	2004 08 10.0	21 20.54	-22 27.7	18.8	-1.04	- 0.7	2.4/08.5	47916
1999 LB ₃₁	2004 08 10.0	21 20.56	-29 38.0	20.0	-0.91	- 7.1	4.8/05.9	46369
2000 WL ₃₀	2004 08 10.0	21 20.63	-30 29.4	19.0	-0.81	- 4.6	4.0/05.8	47988
2003 FV ₅₄	2004 08 10.0	21 20.71	-32 39.1	20.8	-0.99	- 3.5	5.4/05.6	47429
2000 SJ ₃₄₀	2004 08 10.0	21 20.73	-20 29.9	19.8	-0.91	- 4.7	1.8/08.8	47968
1997 UT ₂₄	2004 08 10.0	21 20.74	-12 36.0	18.0	-0.97	- 2.9	1.4/10.8	47717
2001 XT ₉₉	2004 08 10.0	21 20.82	-05 11.4	19.0	-0.98	- 0.6	3.9/12.3	48166
2000 SP ₁₉₆	2004 08 10.1	21 20.77	-06 46.3	19.0	-0.77	-10.2	3.2/13.0	46487
2003 DN ₁₅	2004 08 10.1	21 20.77	-20 50.5	19.3	-0.87	- 8.9	2.0/08.5	48329
2003 BM ₂₇	2004 08 10.1	21 20.78	-12 14.5	19.8	-1.07	- 1.5	1.3/10.8	50739
2002 DS ₇	2004 08 10.1	21 20.81	-36 42.7	19.8	-1.16	- 1.1	6.7/05.0	48214
2003 EQ ₄₅	2004 08 10.1	21 20.83	-16 30.1	19.4	-1.04	- 2.4	0.4/09.9	47372
2000 UG ₉₇	2004 08 10.1	21 20.84	-11 29.0	19.6	-0.89	- 2.9	1.4/11.1	13794
2000 SR ₁₄₉	2004 08 10.1	21 20.87	-12 46.4	18.6	-0.89	- 4.4	1.0/10.8	30395
2000 TR ₄₁	2004 08 10.1	21 20.89	-44 42.2	18.1	-1.21	+ 2.1	12.9/04.3	47972
2000 WG ₅	2004 08 10.1	21 20.95	-28 54.8	18.8	-0.93	- 2.1	4.4/06.8	47987

2003 BB ₃₄	2004 08 10.1	21 20.98	-00 32.9	19.1	-1.01	-18.3	6.5/15.5	50739
2000 OB ₄₇	2004 08 10.1	21 21.03	-24 28.4	17.1	-0.79	+ 1.9	5.0/08.3	47906
2002 AT ₄₀	2004 08 10.1	21 21.07	-13 46.9	20.6	-0.87	- 4.6	0.5/10.6	48186
2002 EF ₅₃	2004 08 10.2	21 21.15	-09 34.9	20.0	-0.78	- 3.7	1.8/11.8	33537
2001 UN ₂₀₈	2004 08 10.2	21 21.15	-19 36.6	20.1	-1.05	- 3.2	1.6/09.2	46854
1995 OP ₁₅	2004 08 10.2	21 21.18	-08 28.6	20.3	-0.81	- 7.2	2.5/12.3	62214
2002 AD ₁₅₁	2004 08 10.2	21 21.20	-18 17.0	20.4	-0.78	- 2.7	0.8/09.5	27812
1999 CD ₈	2004 08 10.2	21 21.21	-14 40.3	18.5	-1.06	- 1.4	0.3/10.4	47765
2003 EU ₁₇	2004 08 10.2	21 21.21	-16 49.7	20.2	-0.98	- 6.0	0.5/09.9	47332
2000 QG ₁₁₇	2004 08 10.2	21 21.21	+30 49.1	17.6	-0.54	-14.6	19.0/03.0	13700
2000 QS ₃₄	2004 08 10.2	21 21.22	-42 26.8	19.4	-1.42	+ 3.4	9.0/05.4	22319
1996 RY ₁₁	2004 08 10.2	21 21.22	-21 43.0	20.6	-0.95	- 3.3	2.1/08.7	62217
2000 UV ₆₂	2004 08 10.2	21 21.23	-36 56.0	18.4	-1.09	- 0.4	7.0/05.2	30415
2001 TV ₁₇₅	2004 08 10.2	21 21.23	-08 30.7	20.6	-0.97	- 4.6	2.6/12.0	46762
2000 TY ₄₃	2004 08 10.2	21 21.23	-20 29.8	18.8	-0.89	- 3.5	2.0/08.9	46505
2000 WT ₁₈₂	2004 08 10.2	21 21.28	-10 04.7	18.7	-0.76	-10.5	2.1/12.0	47995
2001 TQ ₁₉	2004 08 10.2	21 21.32	-15 17.2	17.9	-1.09	- 0.7	0.1/10.3	26005
2001 XX ₁₈₁	2004 08 10.2	21 21.36	-11 31.7	20.8	-0.89	- 3.8	1.3/11.2	48170
2002 CZ ₂₃	2004 08 10.2	21 21.36	-07 30.2	19.5	-0.86	- 7.0	3.0/12.5	48198
1997 SH ₂₁	2004 08 10.2	21 21.40	-14 49.8	20.7	-0.98	- 4.3	0.2/10.4	22003
1999 RK ₂₄₂	2004 08 10.2	21 21.41	-11 11.1	18.9	-0.77	- 5.9	1.6/11.5	50421
2000 OO ₄₂	2004 08 10.2	21 21.48	-06 28.4	17.6	-0.85	- 3.4	4.0/12.6	47905
2000 LP ₂₆	2004 08 10.2	21 21.48	+09 28.7	19.2	-0.80	+ 5.4	13.8/15.3	10960
1008 T-3	2004 08 10.2	21 21.49	+05 21.7	18.6	-0.76	- 2.6	7.2/15.8	9936
2002 AV ₁₇₆	2004 08 10.2	21 21.53	-17 39.4	20.6	-0.86	- 2.0	0.6/09.8	30626
2000 WU ₁₄₆	2004 08 10.3	21 21.56	-22 52.5	18.4	-0.81	- 9.8	2.8/07.9	9882
2000 UT ₁₄	2004 08 10.3	21 21.58	-19 10.9	19.5	-0.91	- 3.3	1.3/09.4	30412
2001 UJ ₈₁	2004 08 10.3	21 21.61	-13 08.0	20.7	-0.98	- 5.3	0.9/10.9	23869
1999 UM ₃₆	2004 08 10.3	21 21.62	-23 50.6	20.8	-0.86	- 1.5	2.5/08.3	47816
1997 BE ₆	2004 08 10.3	21 21.63	-13 32.1	19.1	-0.75	- 7.6	0.6/10.9	53580
2000 SL ₁₇₅	2004 08 10.3	21 21.63	+03 46.2	19.1	-0.82	- 2.9	6.8/15.5	47956
2002 CZ ₂₄₂	2004 08 10.3	21 21.63	-03 18.4	19.7	-0.72	- 4.6	3.5/13.8	30689
1999 GE ₅₆	2004 08 10.3	21 21.63	-09 23.4	19.9	-0.90	- 5.6	2.3/12.0	62241
2000 SU ₂₆₃	2004 08 10.3	21 21.64	-19 54.3	20.7	-0.95	- 2.6	1.7/09.2	27720
2001 VB ₆₆	2004 08 10.3	21 21.66	-17 37.4	18.8	-1.03	- 3.7	0.8/09.8	30543
2001 YL ₁₁₇	2004 08 10.3	21 21.68	-06 49.8	18.9	-0.96	- 1.1	3.0/12.2	30600
2000 WK ₁₅₅	2004 08 10.3	21 21.71	-15 36.3	17.2	-0.87	+ 1.7	0.1/10.3	18304
2000 OW ₃₂	2004 08 10.3	21 21.73	-07 51.8	18.3	-1.00	+ 0.2	3.3/11.9	50479
2002 AJ ₁₂₁	2004 08 10.3	21 21.74	-18 27.0	18.6	-0.77	- 3.9	0.9/09.5	48191
2002 CP ₁₇₀	2004 08 10.3	21 21.78	-36 39.0	20.1	-1.04	+ 0.3	5.9/05.5	48208
2001 XU ₂₀	2004 08 10.3	21 21.81	-21 06.9	18.5	-1.03	- 1.8	2.2/09.1	26066
2001 YM ₈₇	2004 08 10.3	21 21.82	-03 05.5	20.7	-0.75	- 2.0	3.0/13.5	30598
2002 AR ₅₁	2004 08 10.3	21 21.84	-22 16.9	19.0	-0.83	-12.7	2.8/08.0	27381
1999 RN ₈₉	2004 08 10.3	21 21.86	-06 33.5	18.5	-0.71	- 6.8	3.1/13.1	47790
2000 SN ₃₁₆	2004 08 10.4	21 21.88	+05 20.2	18.5	-0.90	- 1.2	7.9/15.3	27725
2001 YV ₄₆	2004 08 10.4	21 21.91	-28 40.7	19.1	-1.00	- 5.3	5.8/06.7	48176
2000 QJ ₈₃	2004 08 10.4	21 21.94	-02 09.3	18.4	-0.76	-10.0	5.1/14.8	47917
2000 KG ₂	2004 08 10.4	21 21.97	-18 12.3	19.7	-0.97	-14.9	1.1/09.5	13666
1997 FK ₂	2004 08 10.4	21 22.00	-07 37.5	20.3	-0.80	- 9.4	2.3/12.9	47710
1999 TW ₂₀	2004 08 10.4	21 22.01	-07 37.1	19.3	-0.75	- 4.5	2.8/12.6	50423
2001 XK ₅₃	2004 08 10.4	21 22.04	+03 30.4	20.1	-0.88	- 2.6	6.4/15.4	46981

1999 PZ ₃	2004 08 10.4	21 22.07	-34 02.0	18.7	-1.83	+	6.1	9.1/08.2	41580
2001 XR ₂₀₉	2004 08 10.4	21 22.08	-11 56.9	19.8	-0.85	-	5.0	1.1/11.4	47053
2000 VG ₂₄	2004 08 10.4	21 22.11	-17 36.6	19.7	-0.77	-	3.7	0.6/09.9	29505
2001 XX ₅₈	2004 08 10.4	21 22.16	-19 01.4	20.0	-0.87	-	4.6	1.1/09.5	48163
2002 FF ₉	2004 08 10.4	21 22.17	+00 35.6	19.2	-0.76	-	4.4	5.3/14.9	48224
2002 CZ ₉₂	2004 08 10.4	21 22.17	-16 58.3	18.5	-0.75	-	7.9	0.5/10.0	48202
2003 HS ₂₇	2004 08 10.4	21 22.18	-11 52.1	21.0	-0.90	-	3.9	1.1/11.4	50763
2000 QS ₂₂₂	2004 08 10.4	21 22.18	-38 45.6	18.4	-1.23	+	1.6	10.1/05.4	46449
2002 BH ₁₅	2004 08 10.4	21 22.19	-13 41.3	19.5	-0.82	-	3.8	0.6/10.9	48196
2001 SO ₂₅₀	2004 08 10.4	21 22.21	-14 36.9	19.1	-1.01	-	6.4	0.3/10.7	23770
2002 EB ₁₂₅	2004 08 10.4	21 22.25	-20 53.1	20.4	-0.79	-	3.6	1.6/09.0	48223
2002 AW ₂₀₃	2004 08 10.4	21 22.26	-18 05.1	19.6	-0.89	-	3.0	1.0/09.8	37746
2000 SN ₁₂₇	2004 08 10.4	21 22.30	-07 21.6	19.2	-0.81	-	5.1	2.9/12.7	27710
2001 XM ₁₃₂	2004 08 10.4	21 22.32	-29 37.1	18.5	-0.82	-	8.3	7.2/05.8	50579
2002 CA ₁₀₃	2004 08 10.5	21 22.26	-34 59.8	19.7	-1.02	+	0.5	5.5/06.1	48203
2000 UQ ₁₀₀	2004 08 10.5	21 22.27	-30 36.0	18.1	-0.91	-	2.8	4.8/06.5	47982
2003 BL ₁₅	2004 08 10.5	21 22.28	-18 21.0	21.9	-1.00	-	1.3	0.9/09.9	50738
2001 WU ₉₁	2004 08 10.5	21 22.29	-56 08.4	20.2	-1.32	-	4.1	11.7/27.7	50576
2001 WM ₁₆₈	2004 08 10.5	21 22.34	-14 22.9	21.2	-0.94	-	4.9	0.4/10.8	35126
2003 HF ₅₅	2004 08 10.5	21 22.35	-12 41.8	21.5	-0.89	-	4.5	0.9/11.2	50202
2003 EV ₃₂	2004 08 10.5	21 22.38	-05 58.7	20.6	-0.86	-	8.4	3.4/13.4	47357
2002 AX ₁₁₉	2004 08 10.5	21 22.38	-11 49.2	19.7	-0.98	-	0.7	1.2/11.3	27810
2002 BG ₂₀	2004 08 10.5	21 22.39	-15 27.8	20.3	-0.72	-	4.6	0.0/10.5	48196
2001 US ₃₂	2004 08 10.5	21 22.40	-15 15.5	19.3	-0.95	-	5.5	0.0/10.6	48135
2001 XM ₂₄₉	2004 08 10.5	21 22.48	-16 09.8	19.9	-0.91	-	5.2	0.3/10.3	26094
1994 AY ₅	2004 08 10.5	21 22.51	-07 33.8	19.7	-1.04	+	0.7	3.2/12.1	47690
2002 EB ₇₀	2004 08 10.5	21 22.51	-10 56.6	19.1	-0.64	-	3.5	1.2/11.8	47195
2003 EU ₄₃	2004 08 10.5	21 22.52	-10 50.6	20.0	-0.88	-	4.6	1.6/11.8	62443
2000 SS ₂₈₄	2004 08 10.5	21 22.54	+10 46.1	19.7	-0.71	-	2.8	12.5/18.2	8219
2000 QR ₂₁₁	2004 08 10.5	21 22.55	-14 29.2	19.2	-0.95	-	2.7	0.4/10.8	29266
2000 SJ ₃₀₅	2004 08 10.5	21 22.55	-24 12.2	19.3	-1.00	-	1.7	3.1/08.5	30405
2001 VK ₆₄	2004 08 10.5	21 22.57	-14 03.2	19.5	-1.00	-	2.9	0.6/10.9	46893
2001 TX ₅₉	2004 08 10.5	21 22.60	-10 41.9	20.2	-1.00	-	4.3	2.1/11.7	46720
2001 XS ₁₇₀	2004 08 10.5	21 22.63	-18 43.8	21.5	-0.89	-	4.8	1.1/09.7	47039
2002 ER ₁₃₆	2004 08 10.5	21 22.64	-13 38.5	20.7	-0.75	-	4.6	0.5/11.1	30078
2001 XL ₂₃₈	2004 08 10.5	21 22.64	-18 10.0	20.0	-0.99	-	4.4	1.1/09.9	48173
2002 CR ₈₈	2004 08 10.5	21 22.66	-15 47.2	20.1	-0.76	-	3.4	0.1/10.5	27839
2000 RA ₉₉	2004 08 10.5	21 22.68	-00 19.4	18.8	-0.92	-	1.2	5.0/14.0	30384
2000 XD ₂₅	2004 08 10.5	21 22.69	-07 50.9	20.3	-0.81	-	0.6	2.0/12.3	47996
2000 RM ₈₂	2004 08 10.5	21 22.71	-09 13.7	19.2	-0.97	-	0.8	2.1/11.9	47937
2001 RU ₇₃	2004 08 10.5	21 22.73	-09 45.6	20.2	-1.02	-	3.2	2.2/11.9	48075
2003 BU ₈₁	2004 08 10.6	21 22.64	-10 27.0	19.3	-0.95	-	2.5	1.8/11.8	50743
2001 SF ₁₆	2004 08 10.6	21 22.64	-13 37.4	19.3	-0.97	-	5.8	0.8/11.1	43420
2001 UU ₁₀₇	2004 08 10.6	21 22.65	-27 11.1	20.1	-1.04	-	4.5	4.6/07.5	46815
6187 P-L	2004 08 10.6	21 22.65	-02 19.7	17.8	-0.81	-	7.5	6.2/14.7	43522
2000 SY ₅₉	2004 08 10.6	21 22.69	-10 39.5	19.3	-0.85	-	4.6	1.9/11.9	50489
2000 VP ₄₆	2004 08 10.6	21 22.73	-30 39.8	17.7	-0.92	-	2.4	4.9/06.7	47986
2000 QJ ₁₈	2004 08 10.6	21 22.76	-14 07.8	18.6	-0.95	-	2.2	0.5/10.9	50480
2003 HY ₂	2004 08 10.6	21 22.77	-37 57.7	21.1	-1.16	-	1.4	8.2/05.1	47541
2001 VY ₆₃	2004 08 10.6	21 22.84	-31 11.6	18.8	-1.03	-	3.1	7.6/06.5	23914
2000 UY ₃₇	2004 08 10.6	21 22.88	-04 35.8	19.4	-0.74	-	3.7	3.0/13.6	47977

2001 WJ ₂₇	2004 08 10.6	21 22.89	-16 54.2	18.4	-0.95	-	6.4	0.6/10.2	30554
2001 YW ₁₀₉	2004 08 10.6	21 22.90	-25 35.7	20.0	-0.98	-	7.8	4.1/07.6	47101
2001 SY ₉₄	2004 08 10.6	21 22.91	-17 29.0	20.6	-1.10	-	3.1	0.9/10.2	48092
2000 QC ₈₀	2004 08 10.6	21 22.92	-26 18.6	17.7	-1.18	+	4.0	5.4/08.8	13692
1999 FV ₁₆	2004 08 10.6	21 22.92	-14 55.7	20.9	-0.94	-	4.4	0.1/10.8	60526
2003 FK ₉₂	2004 08 10.6	21 23.02	-19 38.4	20.3	-0.99	-	5.2	1.6/09.6	47466
2001 VT ₁₁₈	2004 08 10.6	21 23.02	+00 13.7	19.4	-0.92	-	2.4	5.7/14.6	48155
2000 UN ₃₉	2004 08 10.6	21 23.08	-13 51.0	19.3	-0.81	-	4.5	0.5/11.1	47977
2002 CH ₁₆	2004 08 10.6	21 23.08	-41 19.9	19.4	-1.10	-	3.7	9.2/03.0	50590
2000 SO ₁₄₃	2004 08 10.6	21 23.09	+01 18.8	20.0	-0.84	-	3.6	6.4/15.1	47953
2001 XN ₂₄₃	2004 08 10.7	21 23.03	-14 06.4	19.8	-0.98	-	0.7	0.4/11.0	27791
2001 TU ₁₈₉	2004 08 10.7	21 23.03	-23 25.6	18.5	-1.06	-	1.7	3.5/08.9	48129
2000 SG ₆₀	2004 08 10.7	21 23.07	-17 58.8	18.6	-0.91	-	3.1	1.1/10.1	30388
2000 PB ₂₇	2004 08 10.7	21 23.15	-19 43.1	18.2	-0.97	-	1.4	1.4/09.7	50480
2002 AS ₁₉	2004 08 10.7	21 23.15	-24 22.7	19.4	-0.94	-	4.5	3.3/08.3	48185
2001 TX ₁₁₂	2004 08 10.7	21 23.16	-28 31.5	18.8	-1.12	-	0.6	6.2/07.9	50563
2001 QF ₈₉	2004 08 10.7	21 23.18	-22 34.7	18.7	-1.01	-	3.5	3.7/08.9	23649
2000 ST ₃₃₃	2004 08 10.7	21 23.19	-17 39.2	16.6	-0.74	-	13.2	1.0/09.9	43392
1999 TY ₂₆₅	2004 08 10.7	21 23.21	-42 02.9	19.6	-2.08	+	8.6	14.1/07.5	50430
2003 FB ₈₄	2004 08 10.7	21 23.22	-23 06.5	19.8	-1.09	-	4.7	3.1/08.8	50757
2001 AD ₄	2004 08 10.7	21 23.24	-17 20.0	19.1	-0.73	-	5.8	0.5/10.2	11024
2000 QM ₉₂	2004 08 10.7	21 23.25	-09 14.1	18.5	-0.83	-	4.7	2.7/12.4	47919
2000 WV ₁₃₄	2004 08 10.7	21 23.28	-27 56.6	18.6	-0.90	-	2.1	4.0/07.6	47992
2001 XE ₁₁₈	2004 08 10.7	21 23.30	-27 46.1	18.7	-0.97	-	5.3	4.8/07.2	35131
2000 FF ₁	2004 08 10.7	21 23.32	-41 15.9	19.1	-1.21	-	8.9	9.8/02.9	737
1999 RT ₁₈₂	2004 08 10.7	21 23.35	-08 45.1	19.2	-0.76	-	4.4	2.0/12.6	41581
1999 YH ₅	2004 08 10.7	21 23.36	-30 35.7	18.6	-1.14	-	13.3	5.8/05.9	694
2002 CC ₂₄₇	2004 08 10.7	21 23.39	-05 36.1	20.5	-0.74	-	5.2	2.9/13.6	50594
2000 RD ₇₆	2004 08 10.7	21 23.41	-11 18.9	17.1	-0.93	-	0.4	1.6/11.6	47937
2000 US ₉₆	2004 08 10.7	21 23.45	-36 30.2	19.5	-1.02	-	1.9	7.6/05.2	47982
2002 AM ₉₀	2004 08 10.7	21 23.45	-08 33.5	19.3	-0.88	-	4.6	2.5/12.6	31963
2001 SO ₂₇₈	2004 08 10.7	21 23.48	-09 55.2	18.7	-1.00	-	2.9	2.1/12.1	46686
2001 YA ₁₁₄	2004 08 10.8	21 23.46	-08 53.0	18.6	-0.83	-	1.6	2.0/12.4	27796
2000 SW ₂₆₉	2004 08 10.8	21 23.46	-31 58.9	18.2	-0.95	-	4.7	6.2/06.0	47964
1997 WR ₁₁₂	2004 08 10.8	21 23.48	-14 03.0	20.2	-0.94	-	4.2	0.5/11.1	47719
2002 BV ₁₃	2004 08 10.8	21 23.48	-12 14.8	20.5	-0.80	-	4.0	0.9/11.6	30631
2001 SW ₅₉	2004 08 10.8	21 23.55	-26 52.4	18.7	-1.12	-	4.5	5.6/07.8	25966
2002 CD ₂₄₅	2004 08 10.8	21 23.56	-01 27.4	19.2	-0.69	-	7.1	4.3/15.2	47187
1999 TB ₃₅	2004 08 10.8	21 23.56	-50 57.5	18.4	-1.82	+	1.6	15.5/02.7	47801
2000 RB ₉₃	2004 08 10.8	21 23.58	+03 26.9	18.7	-0.87	-	1.6	6.9/15.4	29306
2002 AT ₃₅	2004 08 10.8	21 23.60	-19 12.3	20.8	-0.85	-	5.0	1.3/09.8	48186
2000 RB ₄₈	2004 08 10.8	21 23.63	-10 55.4	16.6	-0.94	+	0.1	1.8/11.8	62307
1999 VR ₅₂	2004 08 10.8	21 23.63	+22 18.2	18.8	-1.11	-	0.4	16.8/20.8	46385
1998 KQ ₂₆	2004 08 10.8	21 23.66	-12 27.1	19.8	-0.71	-	9.4	1.0/11.8	47732
2001 WJ ₅₉	2004 08 10.8	21 23.67	-11 01.1	18.7	-0.94	-	3.4	2.0/11.9	35126
2002 EU	2004 08 10.8	21 23.70	-08 54.9	22.5	-0.79	-	4.8	1.7/12.6	31976
2000 SK ₃₆₀	2004 08 10.8	21 23.72	-18 53.0	18.9	-0.84	-	7.5	1.2/09.8	50496
2000 XL ₉	2004 08 10.8	21 23.73	-40 24.7	19.2	-0.93	-	4.5	6.6/03.1	12258
2001 UD ₇₅	2004 08 10.8	21 23.75	-07 32.3	17.5	-0.71	-	8.7	4.1/13.4	48138
2000 QE ₂₂	2004 08 10.8	21 23.78	-01 07.9	18.1	-0.72	-	12.4	6.0/15.9	47912
2001 VQ ₅₁	2004 08 10.8	21 23.84	-25 23.5	19.6	-1.10	-	2.7	4.1/08.5	46888

1997 UW ₁₀	2004 08 10.8	21 23.85 -25 54.2 17.0	-1.08 - 1.4	5.1/08.4	47717
2000 QS ₇₇	2004 08 10.8	21 23.86 -22 41.1 19.5	-1.01 - 1.2	2.5/09.2	27679
2000 RS ₂₉	2004 08 10.9	21 23.77 +05 46.2 19.3	-0.84 - 4.7	7.8/16.7	47933
2000 HK	2004 08 10.9	21 23.78 -13 35.8 18.7	-0.94 - 4.9	0.8/11.3	47886
1999 TF ₆	2004 08 10.9	21 23.84 -26 28.9 19.2	-0.87 - 2.9	3.8/08.0	29107
2000 SP ₉₉	2004 08 10.9	21 23.84 -25 27.5 19.5	-1.00 - 1.7	3.4/08.5	29338
2002 CA ₃₀₆	2004 08 10.9	21 23.85 -21 22.7 19.4	-0.76 - 4.8	1.9/09.2	47189
1994 RV ₅	2004 08 10.9	21 23.89 -09 27.7 20.7	-0.97 - 5.5	2.3/12.5	50371
2000 OP ₅₈	2004 08 10.9	21 23.94 -16 30.8 19.0	-1.03 - 1.5	0.5/10.7	27671
2002 AQ ₁₄₈	2004 08 10.9	21 23.98 -12 04.3 20.1	-0.71 - 5.4	0.8/11.9	30622
1997 SL ₁₁	2004 08 10.9	21 24.08 -18 56.9 18.2	-0.95 - 2.4	1.8/10.1	47715
2001 UL ₄₁	2004 08 10.9	21 24.10 -18 12.8 20.0	-0.97 - 5.1	1.1/10.2	48136
2003 FP ₉₅	2004 08 10.9	21 24.14 -00 43.7 19.3	-0.83 - 4.9	5.5/15.1	47470
2003 GW ₅₃	2004 08 10.9	21 24.17 -15 06.5 19.2	-0.81 - 6.7	0.1/11.0	50187
2001 SR ₁₇₃	2004 08 11.0	21 24.18 -25 26.6 19.1	-1.00 - 4.5	5.0/08.3	40639
1996 TL ₃₅	2004 08 11.0	21 24.23 -17 19.3 20.3	-0.87 - 5.4	0.7/10.4	25688
2002 GZ ₁₁₀	2004 08 11.0	21 24.24 -02 22.8 20.5	-0.69 - 5.2	3.3/14.8	31583
2000 QC ₂₂₈	2004 08 11.0	21 24.26 -19 57.9 19.0	-0.91 - 4.0	1.7/09.8	47930
1998 FM ₁₄₂	2004 08 11.0	21 24.28 -08 32.6 20.4	-0.82 - 4.4	2.1/12.8	47728
2000 SR ₉₈	2004 08 11.0	21 24.38 -17 05.6 18.4	-0.92 - 1.9	0.8/10.6	47949
2000 QO ₇₉	2004 08 11.0	21 24.38 -17 05.6 18.6	-0.99 - 1.9	0.8/10.6	47917
2000 SK ₂₈₈	2004 08 11.0	21 24.43 -05 36.9 18.5	-0.98 - 0.3	3.4/13.1	30404
1997 LF	2004 08 11.0	21 24.46 -09 19.0 18.8	-0.68 -10.4	3.1/13.1	47713
2003 EU ₅₉	2004 08 11.0	21 24.47 -51 48.1 21.3	-1.40 - 1.4	11.5/01.1	48340
2000 SK ₃₆	2004 08 11.0	21 24.49 -10 55.0 19.1	-0.81 - 6.6	1.4/12.3	27702
2000 TP ₁₅	2004 08 11.1	21 24.56 -01 14.5 19.6	-0.79 - 5.1	5.5/15.1	47971
2002 AY ₁₅₉	2004 08 11.1	21 24.59 -15 51.4 19.4	-0.74 - 6.1	0.2/10.9	47153
2001 TA ₂₅	2004 08 11.1	21 24.64 -17 36.9 19.8	-1.02 - 3.1	0.9/10.5	48115
1999 TU ₂₀₇	2004 08 11.1	21 24.65 -18 13.2 18.5	-1.61 + 8.0	1.6/10.8	42914
2000 JB ₃₄	2004 08 11.1	21 24.72 -09 31.2 20.3	-1.00 - 4.6	2.3/12.6	41648
2000 HU ₂₇	2004 08 11.1	21 24.75 +28 37.0 17.5	-0.85 - 3.9	18.7/30.7	50473
1993 TE ₃₂	2004 08 11.1	21 24.76 -20 42.7 18.4	-0.98 - 5.8	2.4/09.6	47689
2002 ET ₇₈	2004 08 11.1	21 24.77 -03 27.0 18.9	-0.74 - 4.9	3.5/14.5	30027
2003 FN ₁	2004 08 11.1	21 24.77 +13 17.6 20.6	-0.90 - 8.0	9.0/20.5	50753
2000 XP ₃₁	2004 08 11.1	21 24.83 -16 07.8 18.7	-0.89 - 1.1	0.3/10.9	30437
2002 EZ ₁₄₀	2004 08 11.1	21 24.84 -24 34.9 19.5	-0.91 - 1.6	3.0/08.9	48223
2002 DE ₁₆	2004 08 11.1	21 24.87 -17 41.2 20.9	-0.82 - 4.5	0.8/10.5	48215
2000 SJ ₂₉₉	2004 08 11.1	21 24.88 -14 23.0 19.8	-0.91 - 2.4	0.3/11.4	47966
2000 SW ₁₂₉	2004 08 11.1	21 24.89 +04 18.0 18.4	-0.97 + 0.9	8.0/15.2	47952
2003 EQ ₆₀	2004 08 11.1	21 24.90 -32 15.9 19.0	-1.06 - 1.6	6.2/07.2	50753
2001 VD ₁₅	2004 08 11.1	21 25.01 -37 39.4 19.6	-1.06 - 2.8	7.3/05.3	48147
1999 TZ ₁₁₉	2004 08 11.2	21 24.93 -26 05.7 19.6	-0.93 - 1.7	3.3/08.5	12171
2001 UF ₆₄	2004 08 11.2	21 24.98 -05 46.4 18.9	-1.00 - 2.9	3.8/13.5	46802
2000 HA ₇	2004 08 11.2	21 25.01 -29 35.2 19.3	-1.01 - 3.7	6.8/07.4	47886
2000 SD ₂₀₂	2004 08 11.2	21 25.04 -12 13.6 19.7	-0.84 - 5.1	1.0/12.0	47958
2001 TP ₁₉₀	2004 08 11.2	21 25.05 -05 03.3 19.3	-0.94 - 3.9	3.9/13.8	30494
2000 QT ₇₂	2004 08 11.2	21 25.07 -13 36.4 17.4	-0.83 - 0.2	0.8/11.6	47916
2000 QM ₅	2004 08 11.2	21 25.08 -17 36.7 18.4	-0.94 - 3.5	0.9/10.6	27674
2002 CM ₂₉₉	2004 08 11.2	21 25.09 -17 24.8 20.4	-0.80 - 2.8	0.7/10.7	48213
2001 BJ ₁₇	2004 08 11.2	21 25.10 -05 08.8 19.8	-0.76 - 3.1	2.7/13.9	9925
1999 SD ₂	2004 08 11.2	21 25.12 +25 47.5 17.9	-1.08 - 5.8	17.7/25.1	47799

2001 UX ₁₁₅	2004 08 11.2	21 25.12 -21 10.8 20.6	-1.03 - 5.0	2.3/09.7	30519
2002 AB ₃₀	2004 08 11.2	21 25.16 -17 54.5 20.7	-1.03 - 9.1	1.1/10.4	30607
1999 RP ₂₁₈	2004 08 11.2	21 25.16 -06 05.4 19.6	-0.74 - 5.0	3.0/13.9	47797
2001 VP ₁₂	2004 08 11.2	21 25.18 -11 31.5 19.2	-1.02 - 2.2	1.3/12.1	27779
1999 JA ₁₀₁	2004 08 11.2	21 25.19 -39 48.1 18.5	-0.99 - 8.7	8.1/02.9	50410
2001 SV ₂₈₈	2004 08 11.2	21 25.27 -08 40.1 19.3	-1.02 - 3.1	2.5/12.8	46692
2001 XU ₉₅	2004 08 11.2	21 25.32 -15 18.0 20.5	-0.97 - 4.6	0.1/11.3	30574
2000 QY ₁₄₉	2004 08 11.2	21 25.33 -06 30.1 18.8	-0.87 - 3.4	3.2/13.5	25106
2002 GN ₆₉	2004 08 11.2	21 25.34 +02 39.4 20.5	-0.73 - 4.7	5.3/16.4	48228
2001 XJ ₅₂	2004 08 11.2	21 25.34 -18 09.8 19.8	-1.03 - 5.4	1.2/10.5	46979
2000 XY ₂₆	2004 08 11.2	21 25.34 -41 49.4 19.5	-0.94 - 3.6	7.7/03.2	29614
2002 AP ₁₅₈	2004 08 11.3	21 25.32 -11 21.5 21.2	-0.73 - 4.1	1.0/12.4	30623
1994 YP	2004 08 11.3	21 25.34 +18 32.0 19.4	-1.29 + 6.3	13.7/15.4	27582
2000 XN ₃₅	2004 08 11.3	21 25.35 -20 47.1 18.9	-0.87 - 1.7	1.7/09.9	11010
2001 XW ₁₉₉	2004 08 11.3	21 25.38 -09 15.9 20.3	-0.91 - 3.9	2.0/12.8	27790
2000 UP ₁₀₆	2004 08 11.3	21 25.43 -28 46.7 18.9	-0.89 - 8.2	6.5/06.8	7627
2002 CD ₂₅₈	2004 08 11.3	21 25.44 -15 36.8 19.5	-0.80 - 5.1	0.2/11.2	50008
2001 TL ₁₈₅	2004 08 11.3	21 25.45 -23 51.2 19.9	-1.11 - 1.5	3.7/09.4	48129
2001 TB ₉	2004 08 11.3	21 25.47 -18 29.0 18.1	-1.10 - 1.9	1.5/10.6	26003
2003 CD ₁₀	2004 08 11.3	21 25.49 -13 55.1 19.2	-0.92 - 8.3	0.5/11.7	50744
2001 XH ₁₇₈	2004 08 11.3	21 25.54 -12 18.4 18.1	-0.89 - 4.3	1.3/12.1	50580
2001 XX ₁₆₈	2004 08 11.3	21 25.59 -11 27.5 19.7	-0.91 - 4.0	1.2/12.3	35132
2001 SY ₃₈	2004 08 11.3	21 25.76 -53 02.5 18.6	-1.65 + 2.7	15.3/02.7	50553
2000 UV ₄₀	2004 08 11.4	21 25.68 -27 08.5 19.8	-0.92 - 5.1	4.1/08.0	47977
2000 UC ₆₇	2004 08 11.4	21 25.68 -08 05.7 20.0	-0.84 - 3.4	2.6/13.2	47980
2002 DT ₇	2004 08 11.4	21 25.73 -38 34.0 18.6	-1.07 - 5.5	8.3/04.2	50595
2000 WV ₁₄₀	2004 08 11.4	21 25.76 -18 24.4 19.8	-0.76 - 3.9	0.9/10.5	31926
2000 WV ₁₅₉	2004 08 11.4	21 25.82 -22 39.8 19.9	-0.83 - 5.0	2.4/09.3	29592
1985 QL ₃	2004 08 11.4	21 25.83 +00 44.4 17.9	-0.74 - 9.4	7.2/16.9	43322
2002 CJ ₂₂₉	2004 08 11.4	21 25.84 -14 29.9 19.1	-0.83 - 3.7	0.2/11.6	56323
2001 VL ₁₁₇	2004 08 11.4	21 25.86 +02 07.6 19.5	-0.88 - 2.6	5.3/15.8	30550
2000 VQ ₂₃	2004 08 11.4	21 25.88 -18 52.6 20.3	-0.90 - 3.9	1.3/10.5	33298
2001 VQ ₃₄	2004 08 11.4	21 25.89 -10 55.9 19.9	-0.87 - 4.5	1.3/12.6	48149
2000 WO ₁₂₅	2004 08 11.4	21 25.93 -33 40.9 18.1	-0.87 - 7.0	6.0/05.4	9879
2000 UV ₄	2004 08 11.4	21 25.98 -13 07.9 18.9	-0.83 - 4.0	0.7/12.0	47975
2001 TQ ₁₈₅	2004 08 11.4	21 26.03 -12 03.4 19.5	-0.98 - 4.3	1.2/12.3	50565
1998 CU	2004 08 11.4	21 26.08 -08 47.0 20.0	-0.92 - 1.5	1.9/13.0	47723
2000 SS ₁₇₈	2004 08 11.4	21 26.12 -36 48.2 18.4	-1.12 - 0.6	8.5/06.0	9828
2002 CX ₂₅₄	2004 08 11.5	21 26.06 -03 22.7 19.5	-0.73 - 3.8	3.4/14.8	48212
2000 WU ₁₆₇	2004 08 11.5	21 26.07 -02 06.3 19.7	-0.73 - 4.8	3.8/15.3	47993
2002 CT ₁₃	2004 08 11.5	21 26.11 -06 55.7 19.5	-0.70 - 7.1	2.4/14.1	48198
2002 BR ₁₉	2004 08 11.5	21 26.11 -20 56.1 19.8	-0.76 - 3.9	1.4/09.9	30632
2001 SA ₆₈	2004 08 11.5	21 26.23 -09 14.9 19.0	-0.91 - 7.6	2.4/13.2	48091
2000 SG ₁₂₄	2004 08 11.5	21 26.25 -11 41.6 18.8	-0.83 - 5.4	1.4/12.5	47951
2002 AJ ₉₀	2004 08 11.5	21 26.26 -06 18.2 19.0	-0.90 - 4.3	3.2/13.8	27806
2000 SU ₁₉₈	2004 08 11.5	21 26.32 -18 28.2 20.3	-0.91 - 3.6	1.2/10.7	47958
2003 DU ₁₂	2004 08 11.5	21 26.33 -15 02.1 20.8	-0.95 - 5.2	0.0/11.6	47310
2000 HC ₈₈	2004 08 11.5	21 26.40 -11 08.0 18.0	-0.93 - 6.7	1.7/12.7	41645
2003 HX ₃₅	2004 08 11.5	21 26.43 -48 40.4 22.5	-1.07 - 2.5	8.3/02.3	50763
2000 VT ₅₉	2004 08 11.5	21 26.44 -19 08.3 20.5	-0.84 - 3.9	1.3/10.5	47986
2001 UM ₁₂₂	2004 08 11.5	21 26.49 -09 57.3 19.2	-0.96 - 4.8	2.0/12.9	48141

2001 VG ₅₉	2004 08 11.6	21 26.44 -02 59.6 19.4	-0.95 - 2.3	5.9/14.5	30542	2002 BC ₂₆	2004 08 11.9	21 27.58 -44 58.8 21.3	-1.37 + 0.3	8.4/04.6	30634
2003 GA ₅₅	2004 08 11.6	21 26.47 -24 27.9 19.6	-0.96 - 3.8	3.7/09.2	47538	2000 QD ₁₇₄	2004 08 11.9	21 27.59 -15 04.3 18.6	-1.08 + 1.1	0.0/11.9	50484
2001 XH ₂₁₅	2004 08 11.6	21 26.48 +06 22.1 19.9	-1.22 + 5.3	8.1/14.7	26088	2000 OB ₅₇	2004 08 11.9	21 27.60 -18 22.9 19.0	-0.97 - 3.6	1.3/11.1	47907
1985 TA	2004 08 11.6	21 26.48 -18 30.3 16.5	-0.61 -16.4	1.7/10.2	47681	2001 VV ₁₄	2004 08 11.9	21 27.62 -13 33.0 19.3	-0.99 - 3.2	0.5/12.3	26040
2001 SR ₂₈	2004 08 11.6	21 26.50 -26 53.8 19.2	-1.12 - 2.9	4.9/08.8	48085	2001 YM ₁₂₈	2004 08 11.9	21 27.62 -28 22.5 18.8	-1.02 - 4.0	5.9/08.3	62385
2001 QM ₂₉₂	2004 08 11.6	21 26.52 -25 19.5 17.9	-1.12 - 1.9	4.8/09.2	46574	2001 UU ₄₉	2004 08 11.9	21 27.62 -29 23.2 17.3	-0.80 - 9.7	7.6/06.8	30512
2002 AF ₇₁	2004 08 11.6	21 26.54 -14 48.2 18.3	-0.88 - 2.3	0.1/11.7	48188	1999 RL ₂₃₀	2004 08 11.9	21 27.66 -26 40.8 17.9	-0.95 - 1.0	4.3/09.1	27639
2000 RQ ₉	2004 08 11.6	21 26.76 -37 51.8 18.1	-1.01 - 5.4	9.5/04.0	50485	2000 OJ ₆	2004 08 11.9	21 27.66 -06 42.8 17.9	-0.93 - 2.1	3.7/13.9	47903
2001 VB ₁₀₁	2004 08 11.6	21 26.77 -06 15.8 19.2	-0.95 - 3.2	3.5/14.0	50574	2001 TT ₁₁	2004 08 11.9	21 27.69 -10 22.7 19.9	-0.96 - 5.4	1.7/13.1	46698
1996 BJ ₇	2004 08 11.6	21 26.78 -21 02.8 19.2	-0.99 - 5.6	2.7/10.1	20683	2002 EG ₂₅	2004 08 11.9	21 27.70 +03 22.3 19.9	-0.87 - 4.1	6.0/16.8	30705
2001 XU ₉₆	2004 08 11.6	21 26.79 +00 19.0 19.9	-0.86 - 2.6	4.5/15.6	30574	2002 AA ₁₇₁	2004 08 11.9	21 27.71 -17 41.8 20.3	-0.87 - 5.6	1.0/11.2	48193
2000 SJ ₂₉₀	2004 08 11.6	21 26.82 -13 08.1 19.1	-0.90 - 2.7	0.7/12.2	57783	2003 KE	2004 08 11.9	21 27.72 -48 17.8 20.5	-1.22 - 6.2	10.2/31.8	50208
2000 SC ₃₂₈	2004 08 11.6	21 26.83 -23 09.8 19.0	-0.87 - 2.1	2.3/09.7	30406	2003 FP ₁₂₀	2004 08 11.9	21 27.77 -13 07.7 21.5	-0.98 - 4.9	0.7/12.4	61715
2000 KC ₂₈	2004 08 11.6	21 26.88 -03 46.0 19.1	-0.96 - 4.3	4.5/14.6	50477	2003 FR ₅₇	2004 08 11.9	21 27.79 -20 10.5 20.4	-1.03 - 4.2	2.0/10.6	47431
2000 VV ₆	2004 08 11.7	21 26.82 -26 25.0 19.0	-0.88 - 3.8	3.5/08.6	30419	2000 WL ₁₃₄	2004 08 11.9	21 27.79 -34 55.0 19.6	-0.92 - 1.9	5.5/06.7	30430
2001 XT ₂₂₆	2004 08 11.7	21 26.84 -39 50.6 18.9	-1.05 - 4.0	9.1/04.7	50581	2001 QT ₁₄₀	2004 08 11.9	21 27.81 -20 46.5 17.5	-1.17 + 0.7	2.5/10.8	50545
2000 SV ₂₇₆	2004 08 11.7	21 26.85 -38 59.7 20.4	-0.95 - 1.9	6.2/05.3	47964	2002 CL ₃₉	2004 08 11.9	21 27.82 -13 07.6 19.5	-0.81 - 3.9	0.6/12.5	50590
2001 SF ₁₅₈	2004 08 11.7	21 26.86 -17 05.7 19.1	-1.09 - 2.2	0.8/11.2	48100	2000 WA ₁₀₃	2004 08 11.9	21 27.86 -28 38.4 19.2	-0.80 - 5.8	3.7/07.8	30428
2001 TU ₃₄	2004 08 11.7	21 26.96 -24 50.0 18.5	-1.08 - 1.6	4.4/09.5	46709	2001 VH ₃₇	2004 08 11.9	21 27.87 -03 12.3 17.8	-0.87 - 3.9	5.7/15.1	48149
2002 CX ₂₆₇	2004 08 11.7	21 26.96 -24 24.7 19.6	-1.11 - 0.5	3.3/09.7	48212	2000 WL ₁₄₆	2004 08 11.9	21 27.88 +09 52.1 20.1	-0.66 - 4.3	5.7/19.7	31926
2002 CC ₂₄₁	2004 08 11.7	21 27.03 -13 32.9 19.4	-0.84 - 3.3	0.5/12.1	35161	2000 QN ₉₅	2004 08 11.9	21 27.89 -29 14.2 18.6	-1.11 + 0.3	5.4/08.9	47919
2001 QT ₂₄₈	2004 08 11.7	21 27.03 -30 20.3 19.0	-1.15 - 2.4	7.4/07.9	46571	2001 SB ₂₄₆	2004 08 11.9	21 27.90 -13 16.0 20.1	-0.99 - 5.2	0.7/12.4	46671
1999 VH ₂₂₀	2004 08 11.7	21 27.04 -01 59.9 20.4	-0.73 - 4.5	3.8/15.5	31305	2000 SW ₃₄₃	2004 08 11.9	21 27.92 +01 46.6 18.7	-0.92 - 1.3	5.6/16.0	50496
2000 SB ₃₁₅	2004 08 11.7	21 27.07 -03 02.7 19.1	-0.96 + 0.3	4.5/14.3	25869	2001 TQ ₁₁₁	2004 08 11.9	21 27.96 -04 25.1 18.7	-0.99 - 3.4	4.8/14.6	48122
2003 CR ₁₇	2004 08 11.7	21 27.09 -20 23.4 19.1	-1.04 - 1.6	2.2/10.6	50745	2002 AB ₁₂₄	2004 08 12.0	21 27.93 -16 57.0 18.4	-1.13 - 0.4	0.8/11.6	30618
2002 AM ₁₅₁	2004 08 11.7	21 27.09 -15 29.0 20.3	-0.84 - 5.2	0.1/11.6	48192	2000 ST ₇₁	2004 08 12.0	21 27.94 -21 48.7 18.6	-0.91 - 3.2	2.4/10.3	47946
2002 AZ ₈₅	2004 08 11.7	21 27.16 -07 00.9 20.1	-0.97 - 3.8	3.3/13.7	48188	1996 VE ₃₈	2004 08 12.0	21 27.96 -44 53.5 16.6	-0.78 - 3.5	15.6/31.0	62218
2000 UN ₁₀₃	2004 08 11.7	21 27.18 -33 05.5 19.1	-1.09 - 3.5	6.9/06.7	9857	2001 SZ ₁₃₀	2004 08 12.0	21 27.96 -04 11.9 20.1	-0.81 - 7.8	5.5/15.4	48097
2001 OT ₅₅	2004 08 11.7	21 27.21 -15 52.1 19.2	-1.09 - 2.6	0.3/11.6	48039	2001 RY ₉₅	2004 08 12.0	21 28.05 -22 37.0 19.9	-1.08 - 4.2	3.1/10.1	46600
2002 CB ₁₂₁	2004 08 11.8	21 27.18 -14 17.6 19.9	-0.82 - 3.7	0.2/12.0	38332	2001 QR ₁₈₃	2004 08 12.0	21 28.07 -10 03.9 19.5	-0.95 - 6.5	1.9/13.4	48059
1999 RC ₁₃₅	2004 08 11.8	21 27.19 -15 26.5 17.7	-0.85 - 3.2	0.2/11.7	30310	2001 VG ₈₀	2004 08 12.0	21 28.09 -20 41.5 19.5	-0.92 - 5.7	1.9/10.4	48152
2003 DG ₄	2004 08 11.8	21 27.20 -02 59.7 21.3	-0.82 - 6.8	3.6/15.4	48327	2003 FT ₅₃	2004 08 12.0	21 28.10 -41 28.2 19.8	-1.10 - 3.1	9.7/04.6	50755
2001 SX ₃₀₀	2004 08 11.8	21 27.21 -10 32.2 20.4	-1.02 - 4.5	1.8/12.9	48110	2001 VH ₆₆	2004 08 12.0	21 28.11 -31 04.1 19.0	-1.12 - 4.4	7.2/07.6	48151
1989 RS ₂	2004 08 11.8	21 27.22 -25 27.7 17.2	-1.15 - 0.5	4.8/09.5	62209	1999 AJ ₃₃	2004 08 12.0	21 28.15 -19 06.9 18.1	-0.95 - 7.5	1.6/10.8	47763
2001 RK ₇₂	2004 08 11.8	21 27.22 -14 47.3 18.9	-1.06 - 3.1	0.1/11.9	46590	2000 KQ ₇	2004 08 12.0	21 28.15 -10 58.8 18.3	-0.83 - 5.3	1.9/13.2	43369
2001 XG ₁₉₅	2004 08 11.8	21 27.24 +04 36.5 19.6	-1.01 + 1.7	6.9/15.8	30583	2002 CZ ₁₈	2004 08 12.0	21 28.15 -18 08.0 21.0	-0.79 - 2.5	0.8/11.2	30639
2000 SS ₁₅₇	2004 08 11.8	21 27.25 -06 00.1 19.3	-0.84 - 4.3	3.3/14.2	47954	2000 XD ₃₁	2004 08 12.0	21 28.17 -27 52.8 18.8	-0.89 - 2.1	3.9/08.7	30437
2000 VM ₅₂	2004 08 11.8	21 27.28 -30 36.5 18.7	-0.92 - 2.4	5.0/07.8	47986	1997 YH	2004 08 12.0	21 28.23 -02 49.9 18.8	-0.93 - 2.7	4.9/15.0	25698
2000 RH ₈₁	2004 08 11.8	21 27.31 -09 28.1 18.6	-1.13 + 2.8	2.1/12.8	47937	2002 AO ₇₁	2004 08 12.0	21 28.24 -19 48.5 20.0	-0.90 - 4.6	1.6/10.8	23388
2001 YP ₉₆	2004 08 11.8	21 27.32 -22 28.9 19.4	-0.98 - 4.1	2.7/09.9	30598	2002 BE ₉	2004 08 12.0	21 28.25 -19 56.4 18.8	-0.82 - 3.7	1.6/10.7	30630
2000 RO ₁₉	2004 08 11.8	21 27.32 -10 30.9 19.1	-1.00 + 0.2	1.8/12.8	27692	2001 UZ ₁₆₃	2004 08 12.0	21 28.26 -07 02.8 18.6	-0.87 - 8.2	3.8/14.0	23892
2002 AM ₁₈₈	2004 08 11.8	21 27.35 -15 55.1 20.6	-0.82 - 5.4	0.3/11.6	49965	2002 CX ₁₆₁	2004 08 12.0	21 28.32 -21 04.8 19.4	-0.93 - 4.9	2.2/10.4	30672
2001 UC ₁₇₆	2004 08 11.8	21 27.44 -19 59.6 19.9	-1.05 - 2.9	1.9/10.7	43450	2001 RM ₄₈	2004 08 12.0	21 28.39 -02 32.5 18.1	-0.90 - 4.3	6.3/15.4	25940
2001 US ₁₂	2004 08 11.8	21 27.44 -07 50.8 20.3	-0.96 - 5.6	2.7/13.8	48133	2001 UP ₁₃₆	2004 08 12.0	21 28.41 -25 15.6 19.3	-1.06 - 5.5	3.9/09.3	30523
2001 SS ₄	2004 08 11.8	21 27.56 -25 40.4 18.9	-1.10 - 3.2	4.1/09.3	48082	2001 UT ₆₇	2004 08 12.1	21 28.34 -25 33.2 20.1	-1.03 - 4.6	4.0/09.3	46804
1999 UC ₄₅	2004 08 11.8	21 27.56 -08 58.2 16.3	-0.94 + 1.9	2.3/13.1	62248	2001 TF ₁₈₈	2004 08 12.1	21 28.37 -32 46.8 20.4	-1.03 - 2.9	5.4/07.5	30493
2000 GT ₈₈	2004 08 11.8	21 27.56 -25 39.2 17.2	-0.92 - 7.6	5.0/08.7	62292	1995 OU ₈	2004 08 12.1	21 28.40 -06 53.2 20.7	-0.79 - 6.9	2.8/14.5	46325
2002 EV ₅₇	2004 08 11.8	21 27.58 -15 21.6 19.2	-0.85 - 1.1	0.1/11.8	62388	2000 QB ₄₂	2004 08 12.1	21 28.40 -20 21.9 18.8	-1.13 - 1.8	2.1/10.9	47913
2000 SC ₃₁₉	2004 08 11.8	21 27.60 -08 18.2 18.5	-0.95 - 0.8	2.3/13.4	9837	2001 ST ₂₂₈	2004 08 12.1	21 28.41 -22 06.8 19.4	-1.04 - 4.3	3.7/10.2	25987
1993 QB ₉	2004 08 11.8	21 27.62 -22 34.5 19.1	-1.06 - 2.1	3.0/10.1	47688	2000 SY ₁₃₆	2004 08 12.1	21 28.44 -24 19.5 19.1	-1.08 + 0.3	3.7/10.1	29355
5092 T-2	2004 08 11.9	21 27.58 -12 08.9 20.0	-1.08 - 1.6	1.1/12.5	48391	1997 VW ₁	2004 08 12.1	21 28.45 -11 48.5 19.9	-0.96 - 4.8	1.4/12.9	30256

2002 AJ ₁₈₉	2004 08 12.1	21 28.45 +03 53.8 20.0	-0.84 - 2.9	5.5/17.1	30628	2001 TR ₁₄₁	2004 08 12.4	21 29.48 -32 25.9 20.5	-1.10 - 3.5	6.1/07.9	48125
2001 SF ₃₀₄	2004 08 12.1	21 28.51 -11 50.9 20.1	-0.98 - 4.8	1.1/12.9	48110	2003 AD ₆₇	2004 08 12.4	21 29.55 -26 29.3 17.4	-0.81 -12.5	4.2/08.3	61700
2000 WD ₁₆₉	2004 08 12.1	21 28.52 -16 34.5 19.5	-0.76 - 5.8	0.5/11.7	13798	2001 TL ₃₇	2004 08 12.4	21 29.55 -26 54.2 17.9	-1.12 - 0.3	5.7/09.7	46712
2003 CF ₈	2004 08 12.1	21 28.54 -38 26.9 19.4	-1.30 + 4.3	8.1/08.5	48325	2000 SK ₃₄₃	2004 08 12.4	21 29.55 -11 54.3 19.6	-0.88 - 3.2	0.9/13.2	30406
2000 XG ₅₄	2004 08 12.1	21 28.54 -21 29.9 20.3	-0.77 - 4.4	1.8/10.3	31367	2003 FP ₅₃	2004 08 12.4	21 29.56 -38 43.3 20.0	-1.05 - 3.6	8.4/05.7	47426
2001 VT ₆₁	2004 08 12.1	21 28.61 -18 50.5 19.9	-1.05 - 3.3	1.6/11.2	46893	2000 SL ₁₇₃	2004 08 12.4	21 29.57 +03 36.9 18.7	-0.88 - 1.5	6.6/17.0	47956
1995 YM ₇	2004 08 12.1	21 28.65 -13 25.6 19.7	-0.79 - 4.9	0.5/12.6	47701	2000 QD ₁₈₈	2004 08 12.4	21 29.62 -23 44.1 18.7	-0.95 - 6.3	3.5/09.8	47927
2001 VX ₆₀	2004 08 12.1	21 28.66 -05 19.4 19.9	-1.01 - 3.0	3.9/14.5	30542	2000 KE ₄₀	2004 08 12.4	21 29.72 -22 49.2 20.3	-1.06 - 5.0	3.1/10.4	26965
2001 UH ₁₁₇	2004 08 12.1	21 28.67 -22 48.1 19.8	-1.02 - 4.8	3.0/10.1	30520	2002 JE ₆₁	2004 08 12.4	21 29.74 +06 55.9 20.7	-0.70 - 4.2	5.6/18.9	48234
2000 GX ₂₁	2004 08 12.1	21 28.69 -13 28.5 19.7	-0.97 - 6.1	0.6/12.6	47877	2000 ST ₃₂	2004 08 12.4	21 29.82 -15 08.1 19.3	-0.85 - 5.7	0.1/12.4	27702
2002 AG ₁₀₇	2004 08 12.1	21 28.76 -15 44.8 19.8	-0.79 - 3.6	0.3/12.0	48190	1999 NU ₄₃	2004 08 12.4	21 29.82 -10 03.3 17.6	-0.72 - 8.6	2.0/14.0	47785
1993 FX ₄₄	2004 08 12.2	21 28.74 -06 58.4 18.9	-0.90 - 8.0	3.4/14.6	47686	2002 BE ₂₄	2004 08 12.4	21 29.83 -26 16.5 21.1	-1.01 - 1.2	3.5/09.8	27822
2001 UO ₁₄₉	2004 08 12.2	21 28.79 -23 27.1 19.7	-1.03 - 6.1	3.7/09.8	30524	2001 TZ ₆₄	2004 08 12.4	21 29.83 -22 26.2 19.6	-1.04 - 5.3	3.3/10.4	46723
2002 AO ₄₉	2004 08 12.2	21 28.79 -14 46.1 19.9	-0.78 - 4.4	0.0/12.3	48187	2001 RN ₇₀	2004 08 12.4	21 29.84 +00 21.5 17.3	-0.84 - 5.4	7.7/17.0	25944
1997 UU ₄	2004 08 12.2	21 28.86 -30 25.4 17.1	-0.86 - 3.7	8.4/07.6	47717	2000 HV ₈₅	2004 08 12.4	21 29.85 -27 45.1 18.8	-0.99 - 6.0	5.8/08.8	43365
2001 XU ₈₁	2004 08 12.2	21 28.86 -08 07.7 19.2	-1.02 - 2.0	2.9/13.8	30572	2003 BJ ₁₅	2004 08 12.4	21 29.89 -16 56.6 20.0	-1.07 - 2.9	0.9/12.0	47266
2000 UB ₄₇	2004 08 12.2	21 28.87 +05 46.1 19.1	-0.73 - 3.5	5.6/18.2	30414	2003 HS ₁₆	2004 08 12.4	21 29.89 -25 01.9 19.8	-0.91 - 3.8	3.6/09.8	50192
1997 PL ₂	2004 08 12.2	21 28.88 -11 27.2 18.6	-0.87 - 4.3	1.7/13.2	47714	2000 RH ₉₆	2004 08 12.4	21 29.92 -16 47.8 18.5	-1.09 + 8.2	1.1/12.3	47938
1994 JZ ₅	2004 08 12.2	21 28.88 -27 25.6 18.7	-0.97 - 4.7	4.7/08.7	47691	2002 AA ₁₂₆	2004 08 12.5	21 29.82 -17 53.1 20.4	-0.83 - 6.1	0.9/11.6	30619
2002 FV ₇	2004 08 12.2	21 28.90 +05 22.7 19.5	-0.67 - 6.0	5.5/18.8	50600	1999 XL ₁₂₂	2004 08 12.5	21 29.83 +09 50.0 18.3	-0.79 - 0.5	8.6/18.8	1555
2002 CY ₇₈	2004 08 12.2	21 28.91 -23 01.6 18.5	-0.95 + 0.7	2.7/10.5	30652	1999 RL ₂₀₂	2004 08 12.5	21 29.83 -00 27.3 18.8	-0.77 - 3.4	4.9/16.4	10899
2002 AC ₁₀₄	2004 08 12.2	21 28.93 -15 01.8 19.5	-0.94 - 4.2	0.1/12.2	30615	2002 AU ₁₂₃	2004 08 12.5	21 29.85 -16 16.7 20.5	-0.82 - 3.6	0.4/12.1	27810
2001 XK ₁₇₄	2004 08 12.2	21 28.94 -05 07.3 19.8	-0.96 - 3.3	4.2/14.6	48169	2000 WO ₃₁	2004 08 12.5	21 29.85 -25 48.5 18.9	-0.78 - 5.6	3.1/09.2	47988
2000 UO ₇₄	2004 08 12.2	21 28.95 -19 26.7 19.7	-0.89 - 3.4	1.6/11.1	47980	2000 QX ₁₆₆	2004 08 12.5	21 29.89 -19 38.5 17.7	-1.16 + 3.6	2.1/11.7	47925
2002 CX ₅₄	2004 08 12.2	21 28.98 -17 40.5 20.4	-0.86 - 0.9	0.7/11.6	30647	2002 AT ₂₀₃	2004 08 12.5	21 29.89 -17 17.7 21.1	-0.77 - 2.7	0.7/11.9	38332
2000 RP ₉₈	2004 08 12.2	21 29.00 +06 55.7 19.5	-0.88 - 2.0	7.5/17.9	47939	2001 UD ₆	2004 08 12.5	21 29.91 -00 39.6 19.6	-0.94 - 4.6	5.4/16.3	46779
1999 RL ₁₉₃	2004 08 12.2	21 29.01 -03 05.1 19.7	-0.70 - 6.6	3.9/15.9	50420	2000 SJ ₂₄₀	2004 08 12.5	21 29.94 +38 52.6 18.8	-0.85 - 0.7	19.8/03.0	7592
1999 TO ₁₃₇	2004 08 12.2	21 29.03 +00 17.5 19.6	-0.70 - 5.4	4.5/16.9	50426	2001 SX ₂₇₈	2004 08 12.5	21 29.98 -09 08.3 18.1	-0.90 - 3.8	3.0/14.0	23777
2001 XD ₁₁₂	2004 08 12.2	21 29.09 -28 52.6 20.4	-0.92 - 6.3	4.5/08.1	48167	1999 CN ₁₄₁	2004 08 12.5	21 30.01 -15 34.0 21.3	-0.95 - 5.5	0.3/12.3	46354
2001 SO ₃₃	2004 08 12.2	21 29.13 -06 51.9 19.5	-0.94 - 6.9	3.3/14.6	50553	2001 TH ₁₉₀	2004 08 12.5	21 30.01 -13 05.7 19.6	-1.02 - 4.0	0.7/13.0	22924
2003 HB ₁₀	2004 08 12.2	21 29.14 -20 57.1 20.5	-0.87 - 4.0	1.9/10.7	48371	2002 FN ₂₅	2004 08 12.5	21 30.03 -50 10.0 21.2	-1.10 - 0.7	8.1/02.6	30109
2002 AW ₁₃	2004 08 12.2	21 29.15 -16 10.6 19.6	-0.92 - 5.0	0.5/11.9	48184	2000 TS ₃₃	2004 08 12.5	21 30.04 -34 26.6 18.0	-0.83 - 8.8	8.4/05.7	47972
2001 YF ₆₂	2004 08 12.3	21 29.08 -20 24.3 20.0	-1.02 - 5.6	2.5/10.8	26100	2000 WH ₉	2004 08 12.5	21 30.10 -28 18.9 19.4	-0.87 - 6.5	5.5/08.3	49843
2000 GZ ₁₂₂	2004 08 12.3	21 29.13 +20 29.0 19.4	-0.85 - 9.6	14.0/27.1	47883	2003 HE ₁	2004 08 12.5	21 30.15 -16 05.9 19.8	-0.82 - 3.3	0.4/12.2	47540
2000 QG ₁₂₇	2004 08 12.3	21 29.16 -38 59.2 19.2	-1.10 - 1.3	7.4/06.0	29252	2003 AK ₅₉	2004 08 12.5	21 30.16 -22 07.8 19.4	-0.88 - 9.6	2.5/10.3	50734
1995 SW ₇₉	2004 08 12.3	21 29.21 -18 14.6 20.8	-0.88 - 3.0	1.1/11.5	30248	2002 CX ₁₆₆	2004 08 12.5	21 30.21 -21 32.2 20.6	-0.77 - 3.4	1.8/10.7	30674
2000 SB ₂₄₃	2004 08 12.3	21 29.23 -18 16.8 18.4	-0.85 - 6.1	1.4/11.3	47961	2000 VP ₃₅	2004 08 12.5	21 30.21 +05 11.0 19.0	-0.73 - 3.3	5.6/18.3	50502
2001 VG ₃₆	2004 08 12.3	21 29.27 -08 44.9 18.1	-0.92 - 2.7	3.0/13.8	30536	2003 GZ ₄	2004 08 12.5	21 30.22 -19 36.0 21.0	-0.99 - 4.5	1.7/11.3	47505
2001 TD ₈₃	2004 08 12.3	21 29.29 -09 44.4 18.6	-1.04 - 2.4	2.3/13.5	48120	2000 QC ₁₄₄	2004 08 12.5	21 30.26 -20 21.0 18.7	-0.93 - 3.8	2.0/11.1	30371
2001 XW ₂₀₄	2004 08 12.3	21 29.32 -48 37.4 21.3	-1.15 - 6.8	9.6/31.7	50580	2003 EO ₅	2004 08 12.5	21 30.28 -17 44.2 20.4	-1.05 - 3.4	1.1/11.9	50748
1999 RR ₂₇	2004 08 12.3	21 29.36 -24 34.7 18.4	-1.00 - 0.9	3.6/10.0	47788	2001 UU ₆₅	2004 08 12.6	21 30.26 -22 55.8 19.4	-1.05 - 4.0	3.0/10.5	30514
2000 QL ₂₁₆	2004 08 12.3	21 29.38 -14 16.0 18.9	-0.67 - 8.0	0.3/12.6	47929	1997 OG ₁	2004 08 12.6	21 30.26 +02 22.8 18.9	-1.38 + 4.6	7.7/15.4	41530
2002 EF ₄₇	2004 08 12.3	21 29.41 -21 32.8 19.6	-0.91 - 1.4	2.1/10.8	30709	2001 SD ₂₃₅	2004 08 12.6	21 30.30 -25 06.5 18.8	-1.07 - 3.0	3.9/10.1	50558
2003 EN ₂₉	2004 08 12.3	21 29.41 -11 38.5 20.1	-0.95 - 4.3	1.1/13.2	47353	2000 QK ₄₂	2004 08 12.6	21 30.31 -17 56.8 17.9	-1.07 + 0.3	1.2/12.0	47913
2002 GL ₉₀	2004 08 12.3	21 29.41 -23 28.7 20.0	-0.84 - 3.1	2.6/10.1	31563	2000 WY ₁₁₉	2004 08 12.6	21 30.31 -04 44.4 19.1	-0.93 - 1.3	3.4/14.9	11004
2000 KA ₁₂	2004 08 12.3	21 29.44 -20 38.7 18.6	-0.83 - 5.3	3.0/10.7	47896	2001 SY ₉₁	2004 08 12.6	21 30.31 -14 19.2 19.3	-1.07 - 3.7	0.2/12.7	50555
2000 JZ ₁₆	2004 08 12.3	21 29.46 -17 35.3 19.3	-1.00 - 5.7	1.2/11.6	41646	2000 GS ₇₅	2004 08 12.6	21 30.31 -20 14.0 18.6	-0.97 - 4.7	2.5/11.2	47879
1998 DW ₂₄	2004 08 12.3	21 29.47 -03 00.6 18.1	-1.00 + 2.7	5.3/14.6	47723	2000 SW ₁₃₇	2004 08 12.6	21 30.35 -08 29.0 19.9	-0.88 - 3.3	2.6/14.0	7576
1994 WG ₄	2004 08 12.3	21 29.47 -08 38.6 18.1	-0.84 - 7.6	3.0/14.0	47694	2000 WL ₁₄₀	2004 08 12.6	21 30.35 -22 04.6 19.2	-0.82 - 4.0	2.3/10.6	29585
2000 YQ ₁₁₃	2004 08 12.3	21 29.48 -22 01.2 19.9	-0.78 - 4.7	2.1/10.3	33890	2000 XQ ₁₈	2004 08 12.6	21 30.37 -25 56.8 18.9	-0.91 - 1.8	3.4/09.8	30436
2002 EO ₄₂	2004 08 12.4	21 29.46 -14 18.2 21.1	-0.73 - 3.8	0.1/12.6	30708	1992 EX ₅	2004 08 12.6	21 30.47 -14 30.0 18.9	-0.75 - 6.9	0.1/12.7	50367

2001 YK ₁₁	2004 08 12.6	21 30.48	-07 10.6	18.3	-0.89	- 0.9	3.0/14.4	50582
2001 UN ₁₁₇	2004 08 12.6	21 30.51	-10 23.4	19.1	-0.92	- 5.1	1.8/14.0	48141
1999 XZ ₁₁₄	2004 08 12.6	21 30.51	-39 11.8	18.8	-1.13	- 0.2	9.2/06.0	33163
1999 TN ₂₇₀	2004 08 12.6	21 30.56	-06 24.1	18.4	-0.83	- 0.8	3.2/14.7	8162
1999 EW ₆	2004 08 12.6	21 30.57	-12 18.2	19.1	-0.96	- 5.2	0.9/13.3	47771
2001 QW ₁₈₆	2004 08 12.6	21 30.58	-15 15.2	20.6	-1.06	- 4.8	0.2/12.5	46562
2002 EC ₁	2004 08 12.6	21 30.64	-50 33.3	22.3	-1.07	- 1.7	8.1/02.0	37748
2000 SH ₃₇	2004 08 12.7	21 30.60	-31 48.4	18.6	-1.07	- 0.6	6.3/08.7	29321
2000 SZ ₅₆	2004 08 12.7	21 30.66	-14 37.7	19.8	-0.89	- 3.7	0.0/12.7	47945
2001 YK ₁₂₁	2004 08 12.7	21 30.68	-14 26.1	18.2	-1.02	+ 0.1	0.1/12.8	48182
2000 GN ₁₄₇	2004 08 12.7	21 30.69	-05 49.9	17.0	-0.87	- 3.3	4.6/15.1	25779
2000 QH ₁₇₃	2004 08 12.7	21 30.82	-11 10.6	18.8	-1.01	- 1.1	1.3/13.5	50484
2000 QP ₂₀₉	2004 08 12.7	21 30.82	-00 55.8	19.8	-0.81	- 5.7	4.3/16.8	50484
2002 EX ₈₄	2004 08 12.7	21 30.82	-15 50.2	19.0	-0.65	- 4.0	0.3/12.4	47195
2001 XV ₄₉	2004 08 12.7	21 30.83	-24 09.8	20.3	-0.95	- 5.0	3.2/10.2	50577
2001 XT ₃₉	2004 08 12.7	21 30.85	-05 31.5	21.2	-0.94	- 1.4	2.9/14.9	48161
1997 SF ₁₉	2004 08 12.7	21 30.85	-17 08.4	18.4	-1.00	- 1.9	1.1/12.2	47715
1998 FS ₁₇	2004 08 12.7	21 30.85	-19 38.2	20.6	-0.89	- 4.1	1.5/11.4	47725
2000 SB ₁₆₈	2004 08 12.7	21 30.86	+00 11.6	19.0	-0.84	- 3.2	5.0/16.7	30396
2001 TJ ₁₆₇	2004 08 12.7	21 30.87	-56 35.3	19.8	-1.77	+ 0.2	15.6/30.3	30491
2001 UP ₁₄₁	2004 08 12.7	21 30.92	-20 07.7	19.3	-1.00	- 4.3	2.3/11.4	48142
1999 TF ₂₂₂	2004 08 12.7	21 30.94	-01 57.2	18.5	-0.74	- 3.7	3.8/16.4	30325
2000 RE ₂₇	2004 08 12.7	21 30.95	-14 38.0	18.9	-1.06	+ 0.5	0.0/12.8	47933
1998 BN ₁₄	2004 08 12.7	21 30.97	-05 56.5	19.2	-0.95	- 1.6	3.0/14.8	30259
2001 VD ₃₉	2004 08 12.7	21 31.00	-17 20.5	20.6	-0.94	- 4.4	0.9/12.1	48149
2000 PR ₂₀	2004 08 12.8	21 30.95	-26 32.9	18.3	-0.92	- 3.5	5.3/09.7	47909
1978 VY ₇	2004 08 12.8	21 30.95	-19 13.0	19.7	-0.78	- 3.6	1.3/11.6	25669
2001 XG ₅	2004 08 12.8	21 31.00	-21 08.5	20.3	-0.89	- 5.0	1.9/11.0	46957
1999 TT ₁₂₂	2004 08 12.8	21 31.00	-00 28.4	19.5	-0.71	- 5.4	4.0/17.0	11584
2003 FP ₅₄	2004 08 12.8	21 31.07	-01 37.2	19.3	-0.76	- 7.5	4.4/17.0	47428
2000 LG ₂₂	2004 08 12.8	21 31.12	-14 51.7	20.1	-0.95	- 7.9	0.1/12.8	50478
2002 CA ₂₃₇	2004 08 12.8	21 31.16	-15 39.8	20.8	-0.73	- 6.3	0.3/12.6	50004
2001 SQ ₈₉	2004 08 12.8	21 31.20	-12 03.6	19.2	-1.06	- 3.7	1.2/13.5	46634
2002 CL ₅₀	2004 08 12.8	21 31.23	-14 35.3	20.4	-0.76	- 5.0	0.0/12.9	30645
1999 TU ₁₁₉	2004 08 12.8	21 31.28	-17 55.3	18.8	-0.80	- 2.8	0.9/12.0	33829
1997 WB ₂₆	2004 08 12.8	21 31.30	-15 03.6	18.1	-0.98	- 4.4	0.2/12.8	47719
2001 XZ ₁₀₃	2004 08 12.8	21 31.30	-13 32.0	16.5	-0.86	- 0.7	0.7/13.1	48166
2001 TW ₁₇₉	2004 08 12.8	21 31.34	-16 12.7	20.0	-1.02	- 3.9	0.6/12.5	61136
2001 UE ₁₆₈	2004 08 12.8	21 31.35	-32 07.3	18.4	-1.05	- 1.3	5.5/08.7	50571
2002 CC ₂₇₉	2004 08 12.8	21 31.37	-12 01.0	18.5	-0.77	- 7.0	1.0/13.7	48212
2000 GX ₉₈	2004 08 12.9	21 31.33	-05 14.9	16.4	-0.91	- 0.1	5.1/15.0	62292
2000 TQ ₄₂	2004 08 12.9	21 31.33	-24 43.4	19.7	-0.96	- 6.8	4.2/09.9	47973
1999 VX ₁₆₁	2004 08 12.9	21 31.36	-10 11.5	18.1	-0.78	- 2.8	1.6/14.0	11669
2001 VP ₄₀	2004 08 12.9	21 31.40	-16 07.1	20.5	-0.98	- 4.1	0.5/12.5	48150
2002 CW ₁₃₇	2004 08 12.9	21 31.40	-01 24.0	19.0	-0.90	- 0.6	4.8/16.0	27519
2000 QX ₁₂₉	2004 08 12.9	21 31.47	-23 15.0	18.1	-0.79	-16.3	3.6/09.6	10967
2001 UT ₂₀₁	2004 08 12.9	21 31.47	-23 58.3	19.6	-1.08	- 2.5	3.8/10.7	43450
2003 CZ ₁₇	2004 08 12.9	21 31.50	-23 38.7	20.8	-1.07	- 5.1	3.6/10.6	48326
2000 QE ₉₉	2004 08 12.9	21 31.52	-19 02.9	18.6	-0.79	- 6.7	2.0/11.6	47919
2001 XD ₁₈₃	2004 08 12.9	21 31.52	-18 15.5	19.8	-0.95	- 5.9	1.4/11.9	47042
2003 BT ₈₁	2004 08 12.9	21 31.57	-16 00.8	19.5	-1.02	- 2.3	0.5/12.6	48323

2002 AB ₁₆₄	2004 08 12.9	21 31.57	-10 57.5	19.3	-0.85	- 6.6	1.3/14.0	30624
2001 YS ₄₁	2004 08 12.9	21 31.59	-20 44.2	19.0	-1.06	- 4.6	2.7/11.4	48176
2000 FD ₁₀	2004 08 12.9	21 31.65	-23 05.9	18.7	-1.06	- 3.0	3.9/10.9	43359
1999 RM ₂	2004 08 12.9	21 31.66	-04 34.4	18.4	-0.82	- 2.0	3.2/15.5	47786
2001 CQ ₃₂	2004 08 12.9	21 31.73	-28 55.5	19.4	-0.95	- 0.5	3.6/09.5	12289
2001 XQ ₁₀	2004 08 13.0	21 31.76	-44 53.6	19.3	-1.10	-10.5	9.0/01.7	30561
1981 EU ₅	2004 08 13.0	21 31.77	-05 02.6	20.7	-0.95	- 3.9	3.4/15.5	46314
2001 XW ₁₉₆	2004 08 13.0	21 31.79	-01 50.4	18.5	-0.87	- 0.1	4.2/16.0	48171
2001 TT ₁₂₃	2004 08 13.0	21 31.81	-08 29.7	18.1	-1.08	- 1.3	2.7/14.4	50563
2001 VA ₁₀₂	2004 08 13.0	21 31.85	-19 10.8	19.8	-1.05	- 3.4	2.1/11.9	27291
1999 AK ₁₀	2004 08 13.0	21 31.86	-48 50.9	19.0	-1.81	+ 2.9	13.3/05.2	25724
2000 QR ₁₂₃	2004 08 13.0	21 31.91	-12 59.2	18.1	-0.85	- 3.0	0.8/13.5	47921
2001 SF ₂₇₇	2004 08 13.0	21 31.94	-10 59.8	18.8	-1.30	+ 2.4	1.4/13.7	23777
2000 UX ₇₆	2004 08 13.0	21 31.97	-07 49.2	19.6	-0.82	- 4.8	2.6/15.0	47980
2000 XO ₄	2004 08 13.0	21 32.00	-23 07.9	17.9	-0.93	- 1.1	2.9/11.0	47995
2002 CY ₂₇₄	2004 08 13.0	21 32.02	-08 11.8	19.4	-0.71	- 7.4	1.8/15.1	50595
1999 UN ₃₀	2004 08 13.0	21 32.06	-21 24.2	20.5	-0.78	- 3.5	1.9/11.2	33123
2000 RW ₇₈	2004 08 13.1	21 32.10	-02 22.9	18.6	-0.97	+ 0.6	5.3/15.7	47937
2001 YC ₄₆	2004 08 13.1	21 32.18	-18 45.6	17.4	-0.86	- 2.8	2.1/12.1	62385
2001 XL ₇₁	2004 08 13.1	21 32.19	-15 10.7	19.3	-0.94	- 6.9	0.2/13.0	50578
2001 XF ₂₁	2004 08 13.1	21 32.19	-18 43.7	19.0	-0.96	- 3.0	1.4/12.1	30563
2001 TG ₆₈	2004 08 13.1	21 32.21	-28 40.3	18.7	-1.08	- 4.4	5.8/09.3	48119
2002 CD ₇₇	2004 08 13.1	21 32.22	-17 26.1	19.4	-0.73	- 7.5	0.8/12.2	47174
2001 RJ ₆₉	2004 08 13.1	21 32.29	-05 42.4	19.3	-1.00	- 4.6	3.8/15.4	48075
2002 EK ₁₅₂	2004 08 13.1	21 32.32	-04 49.3	18.6	-0.82	- 1.9	3.0/15.6	50599
2000 SE ₁₄₅	2004 08 13.1	21 32.32	-19 18.4	18.8	-0.93	- 2.4	2.0/12.0	47953
2000 FR ₄₈	2004 08 13.1	21 32.34	-13 03.0	18.5	-1.11	- 1.6	0.7/13.5	43359
2000 XQ ₃₂	2004 08 13.1	21 32.35	-37 52.5	18.0	-0.99	- 2.4	8.3/06.5	30437
2003 FC ₂₇	2004 08 13.1	21 32.39	-01 53.4	18.3	-0.74	- 7.3	6.2/17.2	50181
2002 EH ₁₅₃	2004 08 13.1	21 32.39	+00 32.2	19.5	-0.71	- 4.0	4.4/17.6	50599
2001 SG ₃	2004 08 13.1	21 32.41	-28 18.2	18.8	-1.10	- 3.0	6.6/09.6	25954
2001 RZ ₆₈	2004 08 13.1	21 32.42	-11 42.0	18.2	-1.04	- 3.0	1.1/14.0	48075
2000 UC ₆₂	2004 08 13.1	21 32.44	-08 24.8	19.6	-0.85	- 3.2	2.2/14.8	29468
2000 UT ₅₆	2004 08 13.1	21 32.47	-11 03.1	20.4	-0.85	- 3.7	1.3/14.1	27735
2002 ER ₈₃	2004 08 13.1	21 32.48	-20 04.9	19.6	-0.79	- 3.9	1.7/11.7	48220
2001 YL ₆₇	2004 08 13.1	21 32.50	-18 20.3	18.2	-1.00	- 3.6	1.8/12.2	27357
2001 WS ₇₃	2004 08 13.1	21 32.50	-17 23.6	20.8	-0.95	- 5.2	1.0/12.4	46951
2000 SO ₁₃₂	2004 08 13.1	21 32.52	-02 46.7	18.4	-1.01	+ 1.5	4.8/15.6	47952
2001 XO ₁₁₃	2004 08 13.2	21 32.46	-17 35.1	18.3	-0.83	- 8.6	1.4/12.3	47013
2000 QZ ₉₆	2004 08 13.2	21 32.49	-29 42.0	19.0	-1.05	- 1.6	5.1/09.5	47919
2001 XU ₈₂	2004 08 13.2	21 32.51	-04 33.9	19.2	-0.86	- 6.8	4.7/16.1	30572
2000 RP ₁₉	2004 08 13.2	21 32.54	+00 54.8	18.5	-0.81	- 4.4	6.8/17.6	47932
2000 KU ₄	2004 08 13.2	21 32.56	-52 52.0	18.1	-1.18	-11.4	15.9/26.4	47896
2001 TZ ₂₅	2004 08 13.2	21 32.58	-08 42.2	18.0	-0.98	- 3.1	2.8/14.7	50561
2001 VF ₈₄	2004 08 13.2	21 32.58	-32 58.5	19.6	-0.95	- 5.4	5.8/07.8	46904
2001 VK ₁₁₃	2004 08 13.2	21 32.59	-27 39.8	20.1	-0.97	- 3.6	4.2/09.8	50575
2000 QD ₁₅₀	2004 08 13.2	21 32.66	+00 26.8	18.6	-0.75	- 7.5	6.3/18.1	46441
2003 CM ₇	2004 08 13.2	21 32.75	-05 58.1	20.3	-0.96	- 1.8	2.9/15.3	48325
2002 AD ₁₅₆	2004 08 13.2	21 32.79	-20 44.1	20.1	-1.06	- 1.2	2.1/11.9	30623
2001 XB ₁₃₁	2004 08 13.2	21 32.82	-17 15.1	20.0	-0.88	- 5.7	0.9/12.5	47020
2000 GV ₉₁	2004 08 13.2	21 32.82	-23 18.5	18.5	-1.04	- 6.7	3.3/10.8	47881

2000 QU ₉	2004 08 13.2	21 32.84	-09 54.8	18.7	-0.82	- 7.0	2.1/14.0	9796
2001 VJ ₁₁₇	2004 08 13.2	21 32.85	-23 29.4	19.0	-0.96	- 3.8	3.3/10.9	50575
2001 VC ₄₆	2004 08 13.2	21 32.85	+03 17.5	19.6	-0.89	- 2.2	5.8/17.9	30539
2001 VD ₇₉	2004 08 13.2	21 32.87	-10 18.9	19.2	-0.99	- 3.6	2.0/14.0	30545
2003 EN ₂₈	2004 08 13.2	21 32.88	-21 09.2	20.0	-1.01	- 5.6	2.5/11.5	50750
1999 CS ₅₁	2004 08 13.2	21 32.91	-23 00.4	18.5	-1.05	- 2.7	3.2/11.2	50403
2002 CO ₁₂₄	2004 08 13.3	21 32.83	-11 35.6	20.2	-0.86	- 0.8	0.8/14.0	48205
2001 UQ ₂₁₉	2004 08 13.3	21 32.83	-07 50.2	18.8	-0.89	- 7.4	3.0/15.3	46856
2001 TC ₆₂	2004 08 13.3	21 32.85	-02 29.4	19.6	-0.85	- 6.7	5.9/16.9	23803
2001 UN ₄₆	2004 08 13.3	21 32.87	-26 56.2	20.4	-1.03	- 4.8	4.6/09.9	46795
2001 TQ ₈₉	2004 08 13.3	21 32.90	-20 41.8	18.4	-1.10	- 1.9	2.6/11.9	43436
2003 FS ₆	2004 08 13.3	21 32.90	-15 00.0	19.0	-0.91	- 2.9	0.2/13.2	47395
2001 YU ₈₉	2004 08 13.3	21 32.93	-18 47.6	19.8	-0.96	- 5.4	1.7/12.1	24021
2002 EF ₃₅	2004 08 13.3	21 32.95	-10 54.7	19.5	-0.74	- 6.8	1.1/14.4	48217
1999 TT ₁₈₃	2004 08 13.3	21 32.96	-03 58.3	18.6	-0.91	+ 0.5	3.6/15.6	12958
2001 TA ₉₆	2004 08 13.3	21 32.98	-11 22.0	18.1	-0.94	- 3.0	1.6/14.1	23815
2002 EG ₁₃₀	2004 08 13.3	21 32.98	+04 46.7	20.4	-0.68	- 5.1	5.0/19.4	33973
2003 BA ₄₃	2004 08 13.3	21 32.99	-25 31.2	23.1	-0.93	- 3.6	3.0/10.5	48319
1999 DL ₁	2004 08 13.3	21 33.01	+01 36.8	17.8	-1.18	+ 2.1	5.7/16.3	31853
2001 YR ₇₇	2004 08 13.3	21 33.08	-19 02.7	20.4	-0.91	- 4.4	1.6/12.1	24018
1998 GX	2004 08 13.3	21 33.09	-21 04.7	19.4	-0.90	- 4.2	2.3/11.6	60496
2001 UP ₆₅	2004 08 13.3	21 33.10	-27 42.1	20.2	-1.11	- 4.3	5.4/09.8	30514
2002 AF ₄₀	2004 08 13.3	21 33.13	-09 36.7	19.9	-0.80	- 3.5	1.6/14.7	62385
2000 SZ ₃₆₈	2004 08 13.3	21 33.13	-12 54.3	18.5	-1.02	+ 2.7	0.7/13.7	47970
1999 VY ₁₁₄	2004 08 13.3	21 33.14	-21 11.5	18.8	-0.89	- 0.9	2.2/11.8	30334
2001 UC ₆₃	2004 08 13.3	21 33.15	-13 10.4	20.1	-0.95	- 4.4	0.5/13.7	48137
2001 VU ₅₉	2004 08 13.3	21 33.20	-23 01.9	19.7	-1.10	- 2.1	4.0/11.3	46891
2000 KS ₂₁	2004 08 13.3	21 33.22	-21 10.5	19.5	-0.98	- 4.7	2.9/11.6	25789
2001 XY ₁₅₃	2004 08 13.3	21 33.24	-05 34.8	20.1	-0.96	- 3.1	3.5/15.6	38330
1999 JF ₉₀	2004 08 13.3	21 33.24	-03 13.2	20.1	-0.82	- 8.0	3.7/17.0	50410
2001 TU ₇₂	2004 08 13.3	21 33.26	-09 19.4	19.7	-0.91	- 5.6	1.8/14.8	50562
2000 QZ ₈₄	2004 08 13.3	21 33.26	-08 20.9	17.4	-0.89	- 1.8	2.9/14.9	13693
2001 UT ₂₀	2004 08 13.3	21 33.28	-22 08.7	18.3	-0.94	- 3.6	3.8/11.4	30506
2001 VP ₈₀	2004 08 13.3	21 33.28	-25 47.2	20.1	-1.07	- 3.7	4.3/10.5	49939
2001 UY ₁₁₈	2004 08 13.3	21 33.30	-30 44.6	18.9	-1.01	- 5.3	7.3/08.7	30520
2001 SS ₁₂₆	2004 08 13.3	21 33.31	-17 16.3	19.7	-1.10	- 3.1	1.1/12.7	50555
1999 TL ₁₁₂	2004 08 13.4	21 33.22	-06 10.7	19.2	-0.72	- 3.9	2.3/15.8	33829
1997 WV ₂₇	2004 08 13.4	21 33.23	-14 53.5	19.1	-0.96	- 4.2	0.2/13.3	47719
1999 RV ₁₅₂	2004 08 13.4	21 33.25	-02 56.0	18.6	-0.71	- 6.7	4.3/17.0	47794
2000 RE ₁₃	2004 08 13.4	21 33.29	+03 43.0	18.4	-0.99	- 0.2	7.4/17.3	30378
1999 UP ₂₄	2004 08 13.4	21 33.32	-01 51.2	18.6	-0.77	- 2.7	4.2/16.8	47816
2001 CQ ₄₆	2004 08 13.4	21 33.34	-28 36.9	20.7	-0.95	- 0.5	3.8/10.0	18312
2002 BJ ₅	2004 08 13.4	21 33.34	-39 39.7	20.5	-1.08	- 2.3	8.0/06.4	48195
2001 VM ₈	2004 08 13.4	21 33.36	-19 36.9	19.3	-1.03	- 5.4	2.3/12.1	30530
1999 TT ₁₂₇	2004 08 13.4	21 33.36	-13 08.7	18.8	-0.73	- 6.1	0.5/13.8	62246
2000 ST ₅₅	2004 08 13.4	21 33.40	-14 12.9	19.4	-0.90	- 3.4	0.1/13.5	30388
1999 RX ₁₀₆	2004 08 13.4	21 33.43	-11 38.2	19.3	-0.78	- 3.6	1.0/14.2	27633
1999 SN ₂₂	2004 08 13.4	21 33.47	-05 26.8	19.8	-0.71	- 6.2	2.9/16.2	47799
2001 TT ₃₉	2004 08 13.4	21 33.50	+24 34.9	20.8	-0.87	- 2.0	9.9/25.7	30474
1993 FU ₄₅	2004 08 13.4	21 33.53	-18 39.7	19.1	-0.85	- 3.5	1.6/12.4	50368
2000 RN ₈₂	2004 08 13.4	21 33.63	-07 23.4	19.5	-1.01	+ 0.3	2.7/15.0	47937

1996 GZ ₁₇	2004 08 13.4	21 33.66	-06 55.3	18.9	-0.93	- 5.6	2.9/15.6	47702
2000 SY ₂₄₆	2004 08 13.4	21 33.66	-30 20.2	19.6	-0.95	- 3.2	4.8/09.2	47962
2001 UJ ₁₁₉	2004 08 13.4	21 33.68	-19 27.3	19.6	-1.05	- 5.3	2.2/12.2	30520
2001 VZ ₆₈	2004 08 13.4	21 33.68	-14 53.1	20.5	-1.03	- 4.5	0.2/13.4	30544
2000 QQ ₁₃	2004 08 13.5	21 33.63	-17 19.7	17.9	-1.21	+ 2.7	1.1/13.0	27674
2002 CB ₁₀₀	2004 08 13.5	21 33.63	-16 54.7	19.8	-0.76	- 3.9	0.7/12.8	48203
2000 SF ₁₄₈	2004 08 13.5	21 33.67	-17 50.3	19.4	-0.86	- 5.3	1.1/12.6	30395
1997 SM ₁₈	2004 08 13.5	21 33.73	-24 49.3	19.7	-1.17	- 1.5	4.0/11.1	47715
1979 MX ₇	2004 08 13.5	21 33.75	-04 12.4	17.8	-0.92	- 0.6	4.6/15.9	27573
2000 RY ₂₂	2004 08 13.5	21 33.77	-08 58.2	18.2	-0.89	- 4.0	2.4/15.0	47933
2000 WV ₄₄	2004 08 13.5	21 33.77	-18 13.7	19.9	-0.80	- 4.3	1.1/12.5	27155
2003 BS ₁₆	2004 08 13.5	21 33.78	-23 46.6	19.9	-1.11	- 0.3	3.4/11.6	48317
2002 CO ₂₄₇	2004 08 13.5	21 33.81	-26 54.3	20.4	-1.05	- 1.6	3.8/10.5	30690
1998 DQ	2004 08 13.5	21 33.84	-36 38.2	19.5	-1.05	- 2.7	7.1/07.5	47723
2001 VP ₁₁₂	2004 08 13.5	21 33.86	+01 20.3	19.7	-0.98	- 1.0	7.4/17.2	30550
1999 TP ₂₅₅	2004 08 13.5	21 33.89	-17 12.1	19.8	-0.81	- 3.0	0.9/12.8	30327
2000 UU ₈₉	2004 08 13.5	21 33.90	-00 48.7	19.8	-0.74	- 5.3	4.0/17.6	31919
2001 XZ ₁₂	2004 08 13.5	21 33.94	-08 55.0	19.5	-0.96	- 1.3	1.8/14.9	27783
2000 QE ₁₁₀	2004 08 13.5	21 33.98	-16 10.2	17.7	-1.00	- 1.0	0.6/13.2	47920
2002 CN ₂₇	2004 08 13.5	21 33.99	-21 45.2	19.8	-0.88	- 4.0	2.4/11.6	62387
2002 AM ₂₆	2004 08 13.5	21 34.01	-22 44.5	18.9	-0.84	- 9.5	2.9/10.9	48185
1999 RB ₁₀₉	2004 08 13.6	21 33.97	-18 33.9	18.4	-0.85	- 1.7	1.3/12.6	30308
2000 SG ₃₀₃	2004 08 13.6	21 33.98	-06 17.3	19.7	-0.85	- 4.3	2.9/15.8	27723
2001 YM ₅₇	2004 08 13.6	21 34.01	-25 53.5	19.3	-0.99	- 4.5	4.7/10.5	48177
1999 TX ₂₅₅	2004 08 13.6	21 34.03	-04 39.3	19.3	-0.72	- 6.6	3.4/16.7	47812
2003 JL ₁₀	2004 08 13.6	21 34.05	-01 51.6	19.6	-0.81	- 6.8	4.0/17.5	50205
2000 QK ₂₁₂	2004 08 13.6	21 34.10	-12 37.6	19.1	-0.75	- 7.9	0.9/14.0	47929
2002 EC ₁₀₈	2004 08 13.6	21 34.20	-10 13.1	18.3	-0.83	- 1.4	1.3/14.7	30064
2000 WU ₆₇	2004 08 13.6	21 34.22	-34 08.9	19.1	-0.82	- 5.0	5.1/07.6	30426
1998 FX ₂₅	2004 08 13.6	21 34.24	-15 58.1	20.0	-0.94	- 3.4	0.5/13.3	30263
2002 AN ₁₈₇	2004 08 13.7	21 34.33	-33 48.8	18.4	-1.15	- 2.2	8.4/08.5	48194
2001 VZ ₂₇	2004 08 13.7	21 34.34	-11 51.9	19.9	-1.00	- 4.0	1.1/14.0	30534
2001 TF ₃₇	2004 08 13.7	21 34.39	-25 13.5	18.4	-1.09	- 2.6	4.7/11.0	50561
2001 XK ₁₀₆	2004 08 13.7	21 34.40	-24 50.3	19.9	-1.07	- 3.1	4.0/11.1	47009
2002 AH	2004 08 13.7	21 34.41	-23 22.3	18.5	-0.96	- 5.5	3.4/11.2	47118
2003 DS ₁₇	2004 08 13.7	21 34.45	-19 19.4	20.0	-0.98	- 4.6	1.7/12.4	48329
2001 TF ₃₁	2004 08 13.7	21 34.46	-17 39.1	19.0	-1.09	- 2.5	1.4/13.0	26007
2001 UH ₁₅₁	2004 08 13.7	21 34.47	-15 46.6	19.6	-0.98	- 6.0	0.5/13.4	30524
2003 GN ₄₉	2004 08 13.7	21 34.49	-16 19.8	20.2	-0.93	- 6.2	0.7/13.2	50761
2001 XN ₂₀₆	2004 08 13.7	21 34.56	-02 16.8	20.0	-0.80	- 4.2	3.4/17.2	48172
2001 TN ₁₁	2004 08 13.7	21 34.59	-20 11.7	19.1	-1.04	- 3.7	2.3/12.3	48114
2160 T-3	2004 08 13.7	21 34.63	-07 48.5	18.8	-0.78	- 3.2	2.3/15.5	48392
1994 SK ₁₃	2004 08 13.7	21 34.66	-01 24.6	19.5	-0.81	- 2.1	4.7/17.2	50371
2001 XY ₁₅₆	2004 08 13.7	21 34.74	-16 10.7	20.0	-1.03	- 5.6	0.8/13.3	48169
2002 DC ₉	2004 08 13.7	21 34.77	-32 18.5	20.6	-0.80	- 4.0	4.3/08.6	30698
1999 UZ ₆₂	2004 08 13.7	21 34.77	-07 47.3	18.1	-0.84	- 0.5	2.2/15.4	41583
2001 TZ ₁₉₀	2004 08 13.7	21 34.82	-22 42.9	19.3	-1.10	- 3.0	3.5/11.7	30494
2000 UT ₇₉	2004 08 13.8	21 34.73	+02 38.7	19.1	-0.90	- 2.7	6.1/18.0	33291
1991 LM ₃	2004 08 13.8	21 34.77	-00 02.0	17.6	-0.64	- 4.5	8.4/18.5	47683
2000 SZ ₃₀₁	2004 08 13.8	21 34.80	-07 23.8	20.1	-0.86	- 3.9	2.5/15.7	33273
2003 GW ₅₁	2004 08 13.8	21 34.82	-11 02.1	20.7	-0.97	- 5.3	1.4/14.7	47538

2002 CK ₁₆₂	2004 08 13.8	21 34.86	-21 22.4 17.8	-1.08	+	2.7	3.1/12.5	31455
2002 CP ₂₂₈	2004 08 13.8	21 34.86	-07 34.3 19.4	-0.75	-	1.9	2.0/15.6	48211
1997 SE ₁₉	2004 08 13.8	21 34.89	-12 04.3 18.9	-0.94	-	4.0	1.1/14.4	47715
2000 SE ₉₃	2004 08 13.8	21 34.90	-10 23.0 19.5	-0.93	-	1.3	1.2/14.8	25852
2002 XZ ₆₅	2004 08 13.8	21 34.92	-26 04.7 17.8	-1.64	+	5.9	5.7/12.4	50723
2000 SJ ₂₃₁	2004 08 13.8	21 34.94	-06 23.4 18.5	-0.81	-	3.6	2.6/16.0	27719
2003 FB ₅₇	2004 08 13.8	21 34.95	-06 29.6 19.1	-0.80	-	6.9	3.0/16.3	62443
2001 XR ₁₇₄	2004 08 13.8	21 34.97	-13 41.5 19.1	-0.91	-	5.6	11.1/25.0	48169
2001 XM ₁₁₄	2004 08 13.8	21 35.01	-25 42.7 20.4	-0.88	-	4.2	3.2/10.7	30577
2000 TH ₅₇	2004 08 13.8	21 35.04	-37 20.1 19.2	-1.03	-	6.5	8.7/06.2	10992
2002 AN ₄₆	2004 08 13.8	21 35.04	-16 18.4 19.9	-0.76	-	5.8	0.6/13.3	47131
2001 SA ₂₆₃	2004 08 13.8	21 35.08	+15 48.9 20.4	-0.89	-	9.1	10.2/24.7	46679
2000 SU ₂₄₉	2004 08 13.8	21 35.10	-19 03.1 19.4	-0.86	-	4.9	1.5/12.6	47962
2001 SO ₁	2004 08 13.8	21 35.10	-17 01.2 19.2	-1.01	-	2.4	1.4/13.2	43011
2000 YL ₁₆	2004 08 13.8	21 35.10	-20 57.6 20.2	-0.78	-	4.9	1.9/12.0	29628
2002 CG ₁₁₆	2004 08 13.8	21 35.11	-14 06.3 19.8	-0.82	-	3.7	7.9/25.0	30662
2002 BT ₅	2004 08 13.8	21 35.12	-18 21.5 18.8	-1.01	-	2.3	1.4/12.9	30630
2003 BY ₅₁	2004 08 13.8	21 35.16	-11 03.8 19.4	-0.93	-	7.9	1.3/14.9	50741
1990 VJ ₆	2004 08 13.9	21 35.10	-02 11.1 18.9	-0.75	-	4.9	3.5/17.5	30242
2000 RU ₁₀₁	2004 08 13.9	21 35.10	-00 08.9 18.0	-0.94	-	0.7	5.5/17.1	27700
2002 CO ₂₂₃	2004 08 13.9	21 35.11	-09 42.5 20.6	-0.81	-	4.6	1.4/15.2	29875
2000 XZ ₁₁	2004 08 13.9	21 35.12	-28 21.9 18.0	-0.85	-	2.4	4.1/10.2	47996
2001 VS ₈₀	2004 08 13.9	21 35.21	-24 12.5 19.4	-1.09	-	2.6	4.0/11.5	48152
1999 FO ₆	2004 08 13.9	21 35.22	-22 02.5 19.9	-1.02	-	4.0	2.7/11.9	47773
2001 XS ₉₈	2004 08 13.9	21 35.23	-12 42.4 18.1	-0.97	-	3.5	0.8/14.0	48166
2001 SV ₂₅₀	2004 08 13.9	21 35.28	-26 34.7 17.2	-0.93	-	4.3	6.6/10.4	25991
2001 WM ₂₇	2004 08 13.9	21 35.30	-22 38.5 19.9	-1.00	-	6.7	3.0/11.5	30554
2003 GJ ₄₉	2004 08 13.9	21 35.34	-28 07.3 20.8	-0.92	-	3.7	4.4/10.2	48367
2002 CW ₂₅₄	2004 08 13.9	21 35.34	-03 30.8 19.6	-0.74	-	5.4	3.3/17.2	48212
2001 XN ₁₃₈	2004 08 13.9	21 35.36	-12 42.5 18.0	-0.75	-	6.3	0.8/14.5	48168
2002 XV ₄₆	2004 08 13.9	21 35.36	-59 16.3 19.8	-1.76	-	1.7	20.1/29.1	50721
2001 XA ₄₆	2004 08 13.9	21 35.36	-33 56.4 19.4	-1.01	-	4.1	6.4/08.3	30566
2001 YG ₈₉	2004 08 13.9	21 35.37	-19 53.8 20.4	-0.91	-	6.0	2.0/12.4	26104
2000 QJ ₁₇₃	2004 08 13.9	21 35.38	-11 57.3 19.0	-1.03	-	0.3	0.9/14.5	47925
2002 AO ₁₈₇	2004 08 13.9	21 35.38	-30 48.4 18.9	-1.03	+	0.9	4.9/10.4	48194
2001 SW ₁	2004 08 13.9	21 35.40	-21 32.6 18.9	-1.12	-	1.4	3.7/12.3	25953
1999 TL ₂₁₄	2004 08 13.9	21 35.45	-16 32.0 19.6	-0.77	-	3.7	0.7/13.4	27646
2001 SQ ₂₄₈	2004 08 13.9	21 35.47	-07 37.5 19.6	-0.95	-	6.9	3.1/15.9	46674
2001 UK ₁₀₃	2004 08 13.9	21 35.47	-06 10.3 21.4	-0.96	-	5.8	3.4/16.2	46812
2000 ST ₂₇₀	2004 08 13.9	21 35.50	-02 20.7 19.2	-0.75	-	7.5	4.2/17.8	47964
2000 SM ₁₉₉	2004 08 13.9	21 35.51	-09 49.7 19.4	-0.82	-	5.4	1.5/15.3	47958
2000 SE ₁₇₆	2004 08 13.9	21 35.52	-27 30.7 17.6	-1.07	+	1.8	5.6/11.3	50492
2001 TC ₁₃₀	2004 08 14.0	21 35.54	-16 40.4 20.1	-0.98	-	4.4	0.8/13.4	48123
2001 CR ₂₂	2004 08 14.0	21 35.58	-15 01.5 18.9	-0.88	-	0.5	0.2/13.9	33367
2000 SS ₃₁₇	2004 08 14.0	21 35.59	+10 46.0 19.0	-0.85	-	3.2	8.7/21.6	47967
2001 TQ ₃₆	2004 08 14.0	21 35.62	-34 22.3 19.1	-1.05	-	2.8	6.7/08.7	48116
2001 XF ₁₈₈	2004 08 14.0	21 35.67	-07 41.2 20.3	-0.90	-	3.1	2.3/15.7	48170
2002 AH ₁₅₇	2004 08 14.0	21 35.67	-10 25.8 19.9	-0.89	-	2.6	1.4/15.0	31963
2000 WM ₂₁	2004 08 14.0	21 35.70	-12 30.3 19.2	-0.78	-	3.9	0.5/14.6	29535
2001 UL	2004 08 14.0	21 35.72	+12 31.6 20.1	-0.93	-	8.5	10.3/22.5	26020
2001 UA ₂₀₄	2004 08 14.0	21 35.72	-23 57.5 20.3	-1.04	-	3.1	3.5/11.6	46853

2001 UP ₁₀₈	2004 08 14.0	21 35.72	-39 06.2 20.6	-1.14	-	4.1	8.6/06.8	46816
2001 XW ₁₉₃	2004 08 14.0	21 35.79	-12 14.6 19.4	-0.89	-	5.3	0.8/14.6	30583
2001 SE ₁₆₅	2004 08 14.0	21 35.80	-20 18.6 19.3	-1.07	-	3.3	2.5/12.6	46659
2001 XW ₁₄₆	2004 08 14.0	21 35.83	-16 06.9 18.5	-0.90	-	4.6	0.9/13.6	62384
2001 XC ₁₅₁	2004 08 14.0	21 35.84	-22 18.8 20.6	-1.01	-	7.0	3.2/11.7	30580
2000 UQ ₁₀₄	2004 08 14.0	21 35.88	-30 03.9 18.1	-0.93	-	2.2	5.2/09.9	30418
2000 OT ₇	2004 08 14.0	21 35.89	-06 28.2 17.6	-1.06	+	0.8	3.1/15.7	47903
2002 CA ₂₃₆	2004 08 14.0	21 35.92	-28 14.1 19.4	-1.02	+	1.2	3.8/11.1	30688
2001 XM ₈₁	2004 08 14.1	21 35.92	-09 11.4 20.2	-0.89	-	6.9	1.9/15.6	46995
1999 BK ₇	2004 08 14.1	21 35.93	-15 42.2 18.8	-1.02	-	3.8	0.5/13.8	47764
1999 VH ₁₅₅	2004 08 14.1	21 35.94	+07 51.8 19.3	-0.69	-	6.5	6.2/21.6	50438
2003 HR ₁₄	2004 08 14.1	21 35.96	-14 19.5 20.6	-0.92	-	5.4	0.0/14.1	50762
2001 XT ₂₁₀	2004 08 14.1	21 35.98	-23 52.1 19.9	-0.84	-	6.0	2.7/11.3	30585
2001 AG ₂₇	2004 08 14.1	21 36.00	-19 21.5 19.8	-0.91	-	1.0	1.5/12.9	48004
2001 TA ₆₆	2004 08 14.1	21 36.08	-27 57.8 18.0	-1.07	-	3.0	5.7/10.7	48119
2001 VN ₁₁₀	2004 08 14.1	21 36.10	-05 40.0 18.8	-0.98	-	2.3	4.0/16.2	30549
1997 EF ₃₀	2004 08 14.1	21 36.13	-27 20.3 20.7	-0.92	-	1.9	3.9/10.8	47710
2001 XA ₂₁	2004 08 14.1	21 36.16	-23 28.6 20.1	-0.88	-	3.7	2.6/11.7	27783
2000 YV ₁₃	2004 08 14.1	21 36.17	-03 01.1 20.2	-0.83	-	1.4	3.4/17.0	11012
2001 RV ₉₅	2004 08 14.1	21 36.19	-14 12.1 19.6	-1.00	-	6.2	0.0/14.2	48077
2001 SS ₁₁₀	2004 08 14.1	21 36.19	-23 20.9 17.2	-1.06	-	1.2	4.1/12.1	62360
2001 TR ₅₀	2004 08 14.1	21 36.19	-11 22.1 18.9	-0.94	-	5.6	1.4/15.0	43434
2001 YU ₁₀₉	2004 08 14.1	21 36.21	-07 23.0 19.9	-0.79	-	2.1	1.9/16.0	30599
2000 XZ ₃	2004 08 14.1	21 36.31	-03 20.3 17.7	-0.99	+	1.4	4.6/16.4	27756
2002 DZ ₂	2004 08 14.2	21 36.21	-34 37.5 19.4	-1.05	+	0.7	5.9/09.6	31975
2001 YU ₁₃₂	2004 08 14.2	21 36.25	-26 51.5 19.0	-1.07	-	3.1	5.4/10.9	47111
2000 RH ₉₂	2004 08 14.2	21 36.26	-20 14.9 18.3	-0.97	-	1.9	2.1/12.7	30384
2001 SU ₆₈	2004 08 14.2	21 36.26	-17 06.4 19.2	-0.97	-	6.8	1.0/13.4	48091
2000 RA ₉₄	2004 08 14.2	21 36.29	-09 35.6 18.9	-0.89	-	3.3	1.9/15.4	27042
2000 XD ₁₁	2004 08 14.2	21 36.34	+03 14.0 18.9	-1.10	+	2.7	7.2/17.2	8564
2000 JZ ₅₅	2004 08 14.2	21 36.35	-02 53.2 18.6	-0.85	-	6.2	5.3/17.7	26963
1999 JW ₈₅	2004 08 14.2	21 36.36	-01 13.3 17.8	-0.73	-	9.8	5.3/19.0	47781
2001 TZ ₇	2004 08 14.2	21 36.37	-29 55.2 18.6	-1.04	-	5.1	6.2/09.8	48114
2001 UW ₇₇	2004 08 14.2	21 36.42	-09 24.6 17.7	-1.07	-	1.4	2.1/15.4	48138
2000 YC ₈₀	2004 08 14.2	21 36.45	-27 09.2 19.5	-0.79	-	4.7	3.7/10.4	48000
2001 UR ₁₅₇	2004 08 14.2	21 36.47	-19 07.0 19.1	-0.96	-	5.7	2.0/12.9	46841
2000 WT ₁₈₃	2004 08 14.2	21 36.48	-13 22.8 19.1	-0.86	-	1.7	0.3/14.5	47995
2001 TR ₂₄₀	2004 08 14.2	21 36.49	-21 15.9 19.2	-1.04	-	2.5	2.8/12.6	50567
2000 SN ₂₄₉	2004 08 14.2	21 36.50	-31 45.3 19.2	-1.00	-	3.4	5.6/09.4	30401
2003 FP ₈₆	2004 08 14.2	21 36.50	-24 30.4 19.6	-1.03	-	1.4	3.7/11.8	47458
2000 WW ₁₀₇	2004 08 14.2	21 36.52	-04 52.2 18.9	-0.82	-	2.2	3.1/16.7	47991
2000 WR ₁₄₈	2004 08 14.2	21 36.54	-25 47.0 18.8	-0.88	-	9.0	4.7/10.4	46518
2001 UG ₆₆	2004 08 14.2	21 36.55	-25 42.1 18.9	-1.03	-	3.8	4.5/11.2	50569
1999 TQ ₈₂	2004 08 14.2	21 36.58	-24 42.6 18.1	-0.86	-	2.5	4.1/11.5	656
2001 YS ₁₃₂	2004 08 14.2	21 36.60	-16 53.0 18.9	-1.03	-	2.2	1.0/13.7	26111
2001 TZ ₁₅	2004 08 14.2	21 36.60	-30 17.1 19.1	-1.08	-	5.3	6.2/09.7	46700
2000 UJ ₃₈	2004 08 14.2	21 36.61	-16 22.9 19.2	-0.81	-	3.6	0.6/13.7	62311
2001 TU ₁₀₀	2004 08 14.2	21 36.68	-03 41.8 19.7	-0.97	-	4.1	4.0/17.1	46739
2001 WO ₄₁	2004 08 14.3	21 36.61	-08 43.8 18.6	-0.90	-	6.5	2.1/15.9	46944
2000 HQ ₅	2004 08 14.3	21 36.62	-27 36.8 18.4	-1.01	-	3.8	6.4/10.7	47886
2000 JT ₂₂	2004 08 14.3	21 36.63	-18 52.9 17.5	-0.89	-	2.9	2.4/13.1	20785

2001 UN ₁₂	2004 08 14.3	21 36.71	-03 32.8	19.4	-0.99	- 3.3	4.5/17.0	23847
1999 TK ₂₃₄	2004 08 14.3	21 36.72	+01 07.5	19.9	-0.71	- 3.7	4.2/18.8	47812
2001 VH ₃₉	2004 08 14.3	21 36.76	-06 43.7	20.0	-0.97	- 4.1	3.2/16.3	30537
2002 CR ₆₃	2004 08 14.3	21 36.82	-25 31.5	19.5	-0.92	- 3.2	3.3/11.3	30649
2000 RY ₉₀	2004 08 14.3	21 36.84	+08 10.2	18.4	-0.74	- 5.4	9.7/21.6	13734
2000 OM ₅₀	2004 08 14.3	21 36.84	-26 49.7	17.1	-1.19	+ 1.8	5.9/11.7	47906
2000 AK ₁₈₆	2004 08 14.3	21 36.88	-14 05.8	17.8	-0.69	- 9.0	0.0/14.4	46391
1999 RB ₂₀₈	2004 08 14.3	21 36.88	-05 24.6	18.2	-0.84	+ 0.8	3.9/16.3	2656
2000 RP ₆	2004 08 14.3	21 36.90	-18 37.1	18.2	-0.95	- 4.1	1.7/13.2	50485
2003 FK ₇₄	2004 08 14.3	21 36.97	-36 23.0	19.4	-1.00	- 0.5	6.4/09.0	48352
2003 BO ₃₃	2004 08 14.4	21 37.00	-06 51.8	18.9	-0.87	- 7.7	3.0/16.7	47275
1999 TZ ₁₇₁	2004 08 14.4	21 37.00	-18 51.2	19.8	-0.78	- 4.3	1.5/13.1	11592
2002 EG ₂₆	2004 08 14.4	21 37.01	-14 45.3	18.7	-0.82	- 1.2	0.2/14.3	30705
2000 SO ₁₅₆	2004 08 14.4	21 37.09	-21 59.6	19.1	-0.89	- 4.0	2.7/12.3	30395
2000 QL ₅	2004 08 14.4	21 37.19	-18 25.9	18.2	-0.96	- 2.9	1.5/13.4	31911
2000 SH ₂₀₂	2004 08 14.4	21 37.25	-25 26.9	19.3	-0.98	- 1.8	4.0/11.7	50493
2001 XW ₉₄	2004 08 14.4	21 37.27	-09 28.3	19.6	-0.94	- 4.2	1.9/15.7	48165
2003 HU ₉	2004 08 14.4	21 37.29	-06 59.7	20.2	-0.88	- 5.9	2.5/16.5	50762
2001 SG ₅₈	2004 08 14.4	21 37.31	-18 09.4	19.4	-1.04	- 4.1	1.9/13.5	23721
2003 GL ₄₄	2004 08 14.4	21 37.31	-31 51.0	18.6	-0.79	- 9.1	5.4/08.3	50761
1999 TZ ₂₁₉	2004 08 14.4	21 37.40	-22 57.0	18.3	-0.88	- 0.8	2.7/12.4	47811
2001 XO ₂₃₉	2004 08 14.4	21 37.43	-20 19.8	19.6	-0.91	- 3.9	2.0/12.8	48173
2002 CU ₁₇₆	2004 08 14.5	21 37.35	-16 00.9	20.1	-0.80	- 3.9	0.6/14.0	35159
2001 TV ₁₀₅	2004 08 14.5	21 37.36	-15 49.6	18.9	-1.00	- 4.3	0.6/14.1	48122
2001 XY ₅₁	2004 08 14.5	21 37.37	-17 11.0	20.0	-0.97	- 5.5	1.1/13.7	30567
2000 QK ₁₄₀	2004 08 14.5	21 37.40	-04 14.3	19.5	-0.80	- 8.6	3.8/17.7	29255
1999 RN ₂₄₉	2004 08 14.5	21 37.46	-03 54.0	19.6	-0.71	- 5.3	3.0/17.6	50421
1998 BD ₁₃	2004 08 14.5	21 37.49	-18 10.6	19.8	-0.89	- 5.0	1.3/13.4	47722
2000 SB ₁₈₄	2004 08 14.5	21 37.53	-03 24.6	20.2	-0.81	- 4.2	3.3/17.5	31916
2001 SF ₂₃₇	2004 08 14.5	21 37.55	-25 45.1	20.2	-1.13	- 2.6	4.8/11.8	50558
1999 RT ₂₀₂	2004 08 14.5	21 37.56	-01 10.0	18.8	-0.76	- 3.0	4.1/18.1	31270
2000 SL ₂₉₃	2004 08 14.5	21 37.60	-10 37.1	17.3	-0.94	- 0.3	1.4/15.4	47965
2001 WT ₉	2004 08 14.5	21 37.60	-20 24.7	19.0	-0.94	- 7.8	2.5/12.7	48156
2002 GA ₅₅	2004 08 14.5	21 37.61	-01 09.6	19.3	-0.75	- 3.4	3.9/18.2	48228
2000 SU ₂₂	2004 08 14.5	21 37.67	-10 35.6	19.2	-0.84	- 5.1	1.4/15.6	47941
2000 QZ ₁₇₅	2004 08 14.5	21 37.70	-02 26.8	19.3	-0.80	- 9.0	4.4/18.4	30373
2001 YY ₁₁₇	2004 08 14.5	21 37.70	-21 35.4	19.6	-0.90	- 6.4	2.6/12.4	30600
2000 OM ₁₂	2004 08 14.5	21 37.73	-22 01.5	18.3	-0.83	-14.0	3.4/11.7	25800
1981 ER ₁₃	2004 08 14.5	21 37.73	-09 39.4	20.3	-0.89	- 3.4	1.5/15.8	30239
2000 UZ ₂₃	2004 08 14.5	21 37.75	-17 12.3	19.0	-0.79	- 5.6	0.9/13.7	47976
2000 SY ₁₁₈	2004 08 14.5	21 37.78	-29 32.6	18.5	-1.06	- 3.4	6.4/10.3	13756
1999 UA ₅₁	2004 08 14.5	21 37.78	+03 31.5	18.9	-0.75	- 2.9	5.1/19.6	30330
2001 AY ₅₁	2004 08 14.5	21 37.79	-17 08.3	18.7	-0.83	- 7.6	1.1/13.7	48005
1994 CY ₁₁	2004 08 14.5	21 37.80	-19 02.0	19.8	-0.95	- 3.9	1.6/13.3	47691
2000 RP ₂₂	2004 08 14.6	21 37.74	-04 38.6	18.7	-0.89	- 4.6	4.2/17.1	10970
2001 YL ₁₁₁	2004 08 14.6	21 37.75	-43 32.1	18.2	-1.02	- 9.4	10.6/03.4	30599
2455 T-3	2004 08 14.6	21 37.77	+10 54.7	19.3	-0.75	- 4.3	8.1/22.1	30773
1998 DQ ₂₀	2004 08 14.6	21 37.78	-06 33.7	18.0	-0.98	- 4.0	2.9/16.5	30261
2001 BD ₄₃	2004 08 14.6	21 37.81	+00 43.4	19.2	-0.97	+ 1.9	4.5/17.6	48006
1999 FJ ₃	2004 08 14.6	21 37.84	+06 46.2	19.8	-0.87	- 9.6	6.8/21.6	50405
6096 P-L	2004 08 14.6	21 37.86	-29 11.3	18.3	-1.08	+ 1.0	6.5/11.3	9933

1999 CE ₈₅	2004 08 14.6	21 37.86	-18 23.3	18.8	-0.97	- 7.2	1.7/13.4	47768
2000 GR ₁₁₅	2004 08 14.6	21 37.87	-21 44.4	18.0	-0.88	- 5.3	3.9/12.5	47882
2000 WV ₁₈₄	2004 08 14.6	21 37.90	-30 14.8	17.8	-0.87	-10.1	6.6/08.9	30434
2000 JP ₃₆	2004 08 14.6	21 37.92	-12 30.3	18.4	-1.00	- 4.1	0.7/15.1	41648
1999 TM ₇₃	2004 08 14.6	21 37.92	-21 57.4	19.9	-0.88	- 1.6	2.5/12.7	47804
2002 AY ₅₂	2004 08 14.6	21 37.94	-10 38.1	19.5	-0.77	- 2.6	0.9/15.6	27804
2002 CB ₉₂	2004 08 14.6	21 37.94	-15 51.9	20.7	-0.85	- 5.7	0.5/14.1	30656
2002 FH ₂₇	2004 08 14.6	21 37.96	-12 45.4	18.7	-0.69	- 9.6	0.4/15.1	50600
2000 WY ₁₉₀	2004 08 14.6	21 37.98	-27 33.0	19.5	-0.90	- 7.2	4.9/10.4	18305
2000 HE ₂₆	2004 08 14.6	21 37.98	-20 10.3	17.2	-0.75	- 5.5	3.2/12.8	62296
2001 AQ ₁₁	2004 08 14.6	21 38.00	-10 10.1	19.8	-0.77	- 4.4	1.2/15.8	27762
2000 UR ₅₇	2004 08 14.6	21 38.17	-17 37.9	19.2	-0.95	- 1.7	1.3/13.8	47978
2001 QR ₉₆	2004 08 14.7	21 38.10	-16 48.7	17.0	-1.03	- 0.6	1.5/14.1	23650
1999 RY ₄	2004 08 14.7	21 38.12	-36 26.4	18.8	-1.06	+ 0.6	6.0/09.4	30304
2000 XZ ₂₁	2004 08 14.7	21 38.21	-29 55.2	18.6	-0.84	- 2.6	4.3/10.4	30436
2001 UM ₁₇₄	2004 08 14.7	21 38.21	-18 39.8	19.7	-0.96	- 5.0	1.8/13.5	48144
2000 RP ₄₄	2004 08 14.7	21 38.21	-18 23.6	17.7	-1.10	+ 2.2	1.7/13.9	47934
2000 SV ₄₅	2004 08 14.7	21 38.22	-01 27.8	18.7	-1.14	+ 2.2	4.4/17.0	30388
1999 TU ₇₁	2004 08 14.7	21 38.24	-16 07.9	18.9	-0.77	- 3.6	0.7/14.2	50424
2000 RG ₈₉	2004 08 14.7	21 38.24	+06 30.5	19.9	-0.80	- 5.6	7.0/21.1	50487
2002 AS ₂₁	2004 08 14.7	21 38.29	-19 50.0	16.3	-0.81	-12.9	2.7/12.7	48185
2001 TP ₁₄₄	2004 08 14.7	21 38.32	-27 49.4	19.8	-1.07	- 4.5	5.5/11.1	62371
2001 YD ₁₃₇	2004 08 14.7	21 38.32	-18 20.3	20.4	-0.91	- 2.9	1.2/13.7	23359
2002 CH ₁₉₉	2004 08 14.7	21 38.33	-14 03.3	18.8	-0.72	- 7.9	0.0/14.8	30679
2000 XR ₁₁	2004 08 14.7	21 38.33	+02 05.5	19.3	-0.80	- 8.1	5.8/19.9	20834
2000 SP ₃₆	2004 08 14.7	21 38.34	-35 08.7	19.0	-1.04	- 1.6	8.5/09.2	46467
2001 YF ₂₂	2004 08 14.7	21 38.35	-18 03.1	19.1	-0.98	- 5.2	1.5/13.7	30594
2000 SO ₂₆	2004 08 14.7	21 38.36	-04 06.9	19.2	-1.02	+ 0.6	3.8/16.9	47941
2000 KP ₃₂	2004 08 14.7	21 38.37	-13 45.0	17.7	-0.90	- 4.1	0.2/14.9	47897
1997 YO ₁₆	2004 08 14.7	21 38.43	-10 47.1	20.2	-0.92	- 3.9	1.1/15.6	47721
2000 SX ₂₇₂	2004 08 14.7	21 38.44	-14 01.7	19.4	-0.89	- 3.5	0.0/14.8	27721
2003 FC ₁₀₉	2004 08 14.7	21 38.49	-20 53.0	20.5	-1.01	- 7.5	2.6/12.8	47483
2000 FS ₄₅	2004 08 14.7	21 38.50	-22 30.7	18.7	-1.01	- 6.2	3.6/12.4	50469
1995 SM ₄₀	2004 08 14.7	21 38.51	-14 31.8	20.9	-0.83	- 4.7	0.1/14.7	50373
2002 GN ₁₇₁	2004 08 14.8	21 38.49	-22 03.0	18.1	-0.68	- 3.0	2.1/12.5	33994
2000 SW ₂₉₀	2004 08 14.8	21 38.49	-05 20.6	19.7	-0.83	- 4.7	3.2/17.3	47965
2291 T-3	2004 08 14.8	21 38.52	-21 04.1	19.5	-1.12	- 1.6	3.1/13.2	23405
2000 UK	2004 08 14.8	21 38.52	-38 51.7	21.2	-1.35	+ 0.5	7.5/08.8	8513
2000 JL ₂₅	2004 08 14.8	21 38.57	-10 20.2	19.9	-1.04	- 3.0	1.6/15.7	41647
2003 KP ₁₃	2004 08 14.8	21 38.59	-31 28.7	19.7	-0.83	- 5.7	5.4/09.4	50212
2003 ES ₄₆	2004 08 14.8	21 38.65	-24 14.7	20.7	-0.99	- 5.1	3.7/12.0	48338
2001 YM ₁₂₁	2004 08 14.8	21 38.67	-38 00.1	21.6	-1.05	- 3.7	7.7/07.9	47107
2003 FO ₈₃	2004 08 14.8	21 38.69	-36 09.9	19.7	-1.01	- 3.3	7.1/08.6	50757
2000 WJ ₁₅₃	2004 08 14.8	21 38.72	-01 21.6	18.2	-0.78	- 1.7	3.9/18.2	47993
2001 UE ₆₃	2004 08 14.8	21 38.72	-32 06.1	18.6	-1.05	- 1.3	9.7/10.0	30513
2000 JF ₅₅	2004 08 14.8	21 38.73	-09 48.1	18.3	-0.91	- 6.6	1.9/16.1	43368
3054 T-2	2004 08 14.8	21 38.73	-27 54.2	19.5	-1.15	- 1.9	6.1/11.5	48390
2000 QD ₁₁₇	2004 08 14.8	21 38.76	-32 06.6	19.2	-1.28	- 0.1	7.4/10.5	33239
2001 YF ₂₇	2004 08 14.8	21 38.78	-10 38.2	19.5	-0.91	- 3.9	1.3/15.8	47080
2001 XU ₈₉	2004 08 14.8	21 38.81	-01 29.2	18.4	-0.94	- 1.4	6.2/18.0	30573
2001 VE ₈₇	2004 08 14.8	21 38.85	-31 56.6	19.0	-0.91	-10.8	6.2/08.6	50574

1999 TK ₃₁₀	2004 08 14.8	21 38.86	-14 26.1	19.6	-0.79	- 4.6	0.1/14.8	47814
2002 BB ₁₉	2004 08 14.8	21 38.87	-24 29.5	19.3	-0.86	- 1.9	2.9/12.2	27821
2001 YB ₂₂	2004 08 14.8	21 38.87	-04 36.7	20.6	-0.90	- 3.3	3.2/17.4	47078
4229 P-L	2004 08 14.8	21 38.87	-11 13.6	18.9	-0.80	- 2.7	1.0/15.6	48386
2002 EE ₆	2004 08 14.8	21 38.87	-27 07.9	18.6	-0.73	- 4.9	3.7/10.9	50596
1998 BU ₂₀	2004 08 14.8	21 38.89	-18 23.0	18.9	-0.83	- 7.2	1.7/13.6	50381
2000 TH ₂₈	2004 08 14.9	21 38.93	-14 38.1	20.7	-0.90	- 3.3	0.2/14.8	29427
2000 GN ₅₃	2004 08 14.9	21 38.94	-13 59.1	21.3	-1.03	- 5.1	0.0/14.9	40087
2001 UM ₁₁₄	2004 08 14.9	21 38.94	-08 29.9	19.1	-0.91	- 6.1	2.2/16.5	50570
2003 CR ₁₆	2004 08 14.9	21 38.95	-23 22.6	20.8	-1.14	+ 0.7	3.3/13.0	48326
2000 WH ₄₃	2004 08 14.9	21 38.95	-47 28.4	19.1	-0.96	- 4.0	8.0/03.8	33886
2001 XD ₈₆	2004 08 14.9	21 38.96	-10 22.1	17.1	-0.84	- 4.6	1.8/15.9	48165
2002 DZ ₇	2004 08 14.9	21 39.00	-33 29.7	19.4	-0.96	- 1.3	5.5/09.9	30698
2002 BX ₂	2004 08 14.9	21 39.01	-39 03.0	18.4	-1.15	- 2.3	9.5/07.8	48195
2001 TO ₆₉	2004 08 14.9	21 39.05	-06 48.2	20.5	-0.94	- 5.8	2.6/17.0	46726
2000 VQ ₃₅	2004 08 14.9	21 39.09	-32 10.8	18.4	-0.90	- 4.4	5.7/09.5	41676
2000 SL ₂₃₉	2004 08 14.9	21 39.09	-23 04.9	19.5	-0.93	- 2.8	3.4/12.6	47961
2002 AL ₃₇	2004 08 14.9	21 39.10	-18 35.1	18.9	-0.84	- 7.7	1.6/13.5	48186
2001 ST ₁₁₁	2004 08 14.9	21 39.18	-16 18.1	18.2	-1.06	- 1.8	1.0/14.4	46642
2001 VA ₁₁₄	2004 08 14.9	21 39.25	-10 39.0	19.4	-0.90	- 3.7	1.1/15.9	30550
2001 VQ ₄₈	2004 08 14.9	21 39.31	-33 14.6	17.7	-1.03	- 6.5	8.0/08.9	46887
1999 TM ₂₅₄	2004 08 15.0	21 39.29	-26 26.7	19.3	-0.81	- 6.6	4.0/11.0	10462
1999 UJ ₁	2004 08 15.0	21 39.32	-58 28.9	18.3	-2.10	+ 7.8	22.7/06.7	62248
2002 CU ₆₅	2004 08 15.0	21 39.39	-30 14.4	18.9	-0.92	- 2.1	4.8/10.7	29794
2002 CJ ₅₅	2004 08 15.0	21 39.40	-13 08.2	19.9	-0.73	- 3.8	0.2/15.3	50590
2001 TC ₁₁₄	2004 08 15.0	21 39.45	-10 54.5	18.4	-1.04	- 2.8	1.4/15.8	30486
2001 QL ₁₃₇	2004 08 15.0	21 39.49	-11 14.7	17.5	-1.04	- 2.5	1.1/15.7	48056
1999 CA ₅₀	2004 08 15.0	21 39.49	-25 51.3	18.1	-1.12	- 1.0	4.7/12.3	50403
1999 TP ₃₂₂	2004 08 15.0	21 39.53	+04 51.0	18.1	-0.67	-10.2	6.1/21.9	47815
2003 FU ₈₄	2004 08 15.0	21 39.53	-13 53.8	19.7	-1.02	- 2.3	0.0/15.1	47456
2002 AG ₁₂₆	2004 08 15.0	21 39.55	-04 17.3	19.2	-1.07	+ 2.5	4.2/16.9	48191
2003 EE ₂₅	2004 08 15.0	21 39.59	-22 01.0	20.3	-1.06	- 5.1	3.1/12.9	48335
2002 BO ₁₃	2004 08 15.0	21 39.60	-29 19.8	18.9	-0.86	- 5.0	4.9/10.5	31964
2003 FE ₁₁₇	2004 08 15.0	21 39.61	-42 09.6	19.7	-0.99	- 2.0	8.5/07.1	50758
2003 HC ₂₀	2004 08 15.1	21 39.65	-12 22.5	19.5	-0.85	- 4.2	0.6/15.6	50762
2000 SS ₇₅	2004 08 15.1	21 39.65	-13 02.6	18.4	-0.80	- 7.6	0.4/15.4	47947
1999 TT ₁₅₄	2004 08 15.1	21 39.66	-23 35.1	18.9	-0.80	- 4.2	2.9/12.3	30323
2001 UN ₁₆₄	2004 08 15.1	21 39.67	-25 03.1	18.9	-0.97	- 5.6	4.1/12.0	46845
2000 QS ₂₃₁	2004 08 15.1	21 39.71	-13 21.3	19.0	-0.86	- 4.7	0.3/15.3	47930
2001 TY ₃₈	2004 08 15.1	21 39.73	-14 28.7	18.1	-1.03	- 1.0	0.2/15.0	48116
2002 AP ₂₀₀	2004 08 15.1	21 39.76	-13 25.8	19.5	-0.82	- 5.6	0.2/15.3	47159
2003 BA ₇₃	2004 08 15.1	21 39.77	-17 19.5	20.0	-0.97	- 2.8	1.1/14.3	48322
2001 TH ₃₈	2004 08 15.1	21 39.80	-19 25.9	17.5	-1.07	- 1.7	2.4/13.9	46712
2000 UF ₁₂	2004 08 15.1	21 39.80	-09 56.8	19.5	-0.81	- 5.4	1.5/16.3	47975
2003 FO ₇₂	2004 08 15.1	21 39.84	-20 21.2	20.3	-0.95	- 6.4	2.3/13.3	47441
2003 EE ₂₆	2004 08 15.1	21 39.87	-06 54.0	21.0	-0.95	- 5.6	2.6/17.1	50750
2003 HW ₅₂	2004 08 15.1	21 39.88	-20 47.3	19.9	-0.90	- 4.2	2.4/13.3	50201
2001 YF ₁₁₈	2004 08 15.1	21 39.90	-12 22.1	17.7	-1.02	- 2.4	0.7/15.6	27796
2000 SK ₁₀₁	2004 08 15.1	21 39.92	-23 28.1	19.5	-0.95	- 5.3	3.6/12.4	47949
2001 SY ₂₂₅	2004 08 15.1	21 39.92	-29 17.8	21.2	-1.21	- 1.6	6.8/11.5	46667
2002 EM ₁₂₂	2004 08 15.1	21 39.94	-13 30.5	19.6	-0.80	- 4.1	0.2/15.3	48223

2000 SS ₁₀₀	2004 08 15.1	21 39.95	-06 27.0	18.5	-0.91	- 1.5	2.7/17.0	27707
2000 VL ₁₅	2004 08 15.1	21 39.95	-21 03.1	19.6	-0.88	- 4.7	2.5/13.2	47984
1999 RC ₂₀₇	2004 08 15.1	21 39.96	+04 48.4	18.4	-0.77	- 2.7	5.9/20.4	30314
1999 XD ₁₃₈	2004 08 15.1	21 39.97	-01 01.3	18.6	-0.75	- 2.9	4.9/18.7	692
1999 TT ₁₁₁	2004 08 15.1	21 39.97	-27 25.8	18.3	-1.01	+ 1.4	5.1/12.3	47806
2001 TA ₁₇₀	2004 08 15.1	21 40.03	-15 37.5	17.6	-1.06	+ 2.0	0.9/14.9	46761
2003 AJ ₆₀	2004 08 15.1	21 40.03	-24 47.3	19.3	-1.02	- 1.8	3.7/12.6	50734
2001 XT ₁₂₄	2004 08 15.1	21 40.04	-17 08.2	20.9	-0.97	- 5.3	1.1/14.3	50579
2002 CG ₆₅	2004 08 15.2	21 39.97	-30 01.0	20.0	-1.00	- 2.0	5.3/11.0	30649
2000 LP ₈	2004 08 15.2	21 39.98	-18 56.8	20.4	-0.99	- 6.5	1.9/13.8	47899
2000 QO ₉₃	2004 08 15.2	21 39.98	-09 50.0	19.1	-0.90	- 3.9	1.6/16.3	50482
1999 RQ ₂₀₀	2004 08 15.2	21 40.01	-28 24.8	19.5	-1.09	+ 1.8	4.4/12.2	47796
2000 RH ₉₀	2004 08 15.2	21 40.03	-21 42.0	19.4	-1.04	- 0.3	2.8/13.5	47938
2001 YF ₄	2004 08 15.2	21 40.04	-36 57.5	17.9	-1.01	-13.5	6.9/06.4	50582
2000 ES ₆₀	2004 08 15.2	21 40.04	-17 31.1	19.1	-1.10	- 2.8	1.6/14.4	47864
2000 WQ ₃₈	2004 08 15.2	21 40.09	-32 47.4	19.2	-0.86	- 6.0	5.5/09.2	9871
2000 SM ₃₅₀	2004 08 15.2	21 40.13	-40 56.1	18.7	-1.07	- 3.6	10.5/06.6	47969
2000 SV ₉₅	2004 08 15.2	21 40.17	-17 46.5	18.8	-0.96	- 1.8	1.3/14.3	27707
2001 XJ ₈₅	2004 08 15.2	21 40.18	-22 16.4	18.8	-0.84	- 7.4	2.8/12.6	50578
1999 RC ₉₃	2004 08 15.2	21 40.21	-08 09.3	18.1	-0.72	- 6.6	1.9/17.1	29075
2001 SG ₁₆₂	2004 08 15.2	21 40.26	-05 09.0	18.6	-0.90	- 5.6	4.4/17.8	23753
2000 SC ₃₇₀	2004 08 15.2	21 40.27	-25 01.1	18.9	-0.87	- 6.1	4.6/11.9	47970
2001 UD ₂₀₄	2004 08 15.2	21 40.27	-15 08.1	18.8	-0.99	- 3.8	0.5/15.0	62378
1998 HN ₁₂₉	2004 08 15.2	21 40.27	-03 32.1	20.6	-0.79	- 5.0	3.1/18.3	46341
2000 SS ₁₇₀	2004 08 15.2	21 40.32	-39 30.0	17.9	-1.06	+ 0.6	11.4/08.6	47955
2000 XN ₃₆	2004 08 15.2	21 40.38	-19 22.0	19.8	-1.04	- 0.5	2.0/14.0	34982
2002 CO ₁₆₄	2004 08 15.3	21 40.39	-21 45.5	19.9	-0.87	- 5.3	2.7/13.0	48208
2000 SX ₃	2004 08 15.3	21 40.40	-33 26.6	18.7	-0.92	- 7.7	7.8/08.6	33250
2001 VP ₅₇	2004 08 15.3	21 40.42	+00 13.1	19.0	-0.98	- 2.4	6.2/18.8	30541
2003 GH ₂₇	2004 08 15.3	21 40.43	-08 40.6	21.2	-0.93	- 5.4	1.8/16.8	50760
1996 DE ₂	2004 08 15.3	21 40.43	-14 46.5	19.3	-0.78	- 4.9	0.3/15.1	47702
2000 SD ₁₉₃	2004 08 15.3	21 40.45	-25 30.9	19.4	-1.11	0.0	4.4/12.7	47957
2000 HC ₇₁	2004 08 15.3	21 40.46	-12 43.1	20.1	-1.04	- 4.6	0.5/15.6	50474
2001 AJ ₃₅	2004 08 15.3	21 40.51	-27 39.3	20.6	-0.88	- 3.5	4.1/11.4	48004
2002 CL ₁₇₉	2004 08 15.3	21 40.52	-16 53.7	20.9	-0.84	- 4.7	1.0/14.5	27543
2000 SL ₁₆	2004 08 15.3	21 40.52	-11 56.9	19.2	-0.95	- 3.1	0.8/15.8	33251
2000 SO ₂₇	2004 08 15.3	21 40.53	-09 23.6	19.0	-0.90	- 3.6	1.5/16.5	27702
2003 FZ ₄₁	2004 08 15.3	21 40.57	-03 40.5	19.3	-0.83	- 6.8	3.6/18.5	50755
2002 CU ₁₈	2004 08 15.3	21 40.57	-29 55.9	21.4	-0.95	- 0.3	4.9/11.5	48198
2000 KX ₃₄	2004 08 15.3	21 40.58	+01 54.9	17.6	-0.83	- 4.7	7.5/20.0	62301
1999 TN ₁₀₄	2004 08 15.3	21 40.60	-02 39.6	19.7	-0.74	- 3.8	3.7/18.6	50425
2000 WK ₁₇₃	2004 08 15.3	21 40.63	+01 24.4	19.3	-0.81	- 1.2	4.6/19.3	9885
1998 MT ₃₀	2004 08 15.3	21 40.66	-09 02.9	20.2	-0.77	- 2.6	1.5/16.7	47733
2001 VT ₂	2004 08 15.3	21 40.67	+25 37.6	21.3	-0.99	- 2.5	14.8/27.1	23896
2000 QY ₁₅₆	2004 08 15.3	21 40.69	+00 50.4	19.2	-0.88	- 3.9	5.1/19.4	30372
2001 QL ₂₄₈	2004 08 15.3	21 40.72	-25 23.4	19.3	-1.12	- 1.7	5.8/12.5	46570
2000 QM ₁₈₄	2004 08 15.3	21 40.76	-21 54.6	18.0	-0.95	- 5.7	3.4/13.1	30374
1996 SX ₆	2004 08 15.3	21 40.76	-03 23.7	18.8	-0.86	- 3.5	3.9/18.2	27586
2003 FC ₄₉	2004 08 15.3	21 40.76	-17 32.0	19.5	-0.84	- 8.8	1.3/14.2	50755
1999 CE ₃₆	2004 08 15.3	21 40.77	-24 39.4	19.3	-0.97	- 6.9	3.7/12.2	47766
2000 LM ₁₅	2004 08 15.3	21 40.79	-18 55.6	21.2	-0.98	- 7.1	2.0/13.9	49801

2001 XQ ₉₁	2004 08 15.3	21 40.79	-08 38.5	19.4	-0.88	- 3.0	2.8/16.8	30573
2002 CG ₈₄	2004 08 15.4	21 40.72	-11 35.5	20.1	-0.80	- 7.7	0.7/16.1	30654
2000 VP ₁₆	2004 08 15.4	21 40.77	-08 02.7	19.4	-0.80	- 5.7	2.2/17.1	47984
1998 ED ₁₁	2004 08 15.4	21 40.77	-28 30.1	20.2	-1.01	- 1.4	4.5/11.8	23449
2003 EW ₁₂	2004 08 15.4	21 40.78	+09 22.9	20.0	-0.85	-10.4	7.8/23.7	50749
2002 AL ₅₄	2004 08 15.4	21 40.82	-18 22.4	21.1	-0.81	- 6.7	1.4/14.1	49955
1998 FT ₅₂	2004 08 15.4	21 40.83	-21 43.7	19.6	-0.90	- 2.6	2.4/13.4	46337
2001 TC ₂₃₈	2004 08 15.4	21 40.84	-13 05.5	18.7	-0.91	- 8.1	0.3/15.7	46774
2001 VK ₁₉	2004 08 15.4	21 40.85	-22 55.6	20.4	-1.04	- 4.2	3.4/13.0	46867
2001 UR ₅₂	2004 08 15.4	21 40.86	-27 07.7	19.0	-0.98	- 5.6	4.6/11.6	50568
2002 AR ₁₅₁	2004 08 15.4	21 40.87	-20 27.0	19.4	-0.72	- 7.8	1.9/13.3	47152
2000 RU ₉₅	2004 08 15.4	21 40.88	-26 00.7	19.0	-0.92	- 4.2	4.5/12.0	47938
2000 WZ ₉₄	2004 08 15.4	21 40.90	-19 33.1	19.7	-0.79	- 4.3	1.7/13.8	29564
2001 XS ₆₃	2004 08 15.4	21 40.97	-08 59.8	19.7	-0.87	- 4.3	1.5/16.8	48163
2000 QX ₁₅₆	2004 08 15.4	21 40.99	+02 16.4	18.7	-0.82	- 5.0	6.9/20.2	47924
2001 YV ₄₄	2004 08 15.4	21 41.01	-15 46.4	20.3	-1.00	- 4.1	0.7/15.0	48176
2001 TN ₅₈	2004 08 15.4	21 41.03	-20 26.6	20.1	-1.08	- 3.9	3.0/13.8	20464
1999 TD ₉	2004 08 15.4	21 41.07	-06 24.2	19.4	-0.72	- 5.1	2.1/17.7	12162
2002 AR ₁₀₉	2004 08 15.4	21 41.10	-17 07.9	19.3	-0.86	- 4.9	1.1/14.6	30616
2001 YH ₁₀	2004 08 15.4	21 41.10	-22 26.0	20.2	-0.85	- 6.2	2.5/12.9	31961
2001 TN ₁₁₆	2004 08 15.4	21 41.12	-22 06.6	19.4	-1.03	- 3.9	3.0/13.3	48123
2003 AB ₈₀	2004 08 15.5	21 41.09	-22 29.7	19.4	-0.83	- 9.7	3.2/12.7	50736
2000 JG ₃₉	2004 08 15.5	21 41.10	-25 48.5	19.2	-1.08	- 4.1	4.7/12.4	47893
2001 KB ₂₁₉	2004 08 15.5	21 41.12	-17 16.6	21.3	-0.93	- 4.3	1.1/14.6	47057
2001 DG ₄₂	2004 08 15.5	21 41.17	-13 41.1	19.4	-0.74	- 6.4	0.1/15.6	17557
2001 QD ₈₄	2004 08 15.5	21 41.18	-08 38.2	17.4	-1.05	- 0.7	2.6/16.7	48052
1998 MO ₁₂	2004 08 15.5	21 41.22	-13 57.1	18.4	-0.72	- 8.6	0.0/15.5	50387
2000 JN ₃₂	2004 08 15.5	21 41.25	-04 32.4	19.7	-0.97	- 4.9	3.8/18.1	47893
2001 VC ₅₇	2004 08 15.5	21 41.26	+08 58.5	20.1	-0.89	- 3.4	7.1/22.2	48151
1998 BR ₂₄	2004 08 15.5	21 41.27	-13 32.2	19.7	-0.85	- 5.3	0.1/15.6	47722
2000 RR ₇₉	2004 08 15.5	21 41.29	+01 53.2	18.2	-1.16	+ 3.7	6.2/18.3	27698
2000 QU ₁₃₁	2004 08 15.5	21 41.29	-35 29.5	19.2	-1.17	- 1.2	8.5/09.7	13703
2000 TL ₂	2004 08 15.5	21 41.30	-11 06.8	19.6	-0.88	- 5.5	1.1/16.3	13781
2001 XT ₃₈	2004 08 15.5	21 41.31	-12 03.1	19.0	-1.10	- 1.9	0.7/16.0	23952
2001 YR ₄₆	2004 08 15.5	21 41.33	-14 13.8	19.3	-0.88	- 3.8	0.1/15.5	50582
2003 AZ ₃₃	2004 08 15.5	21 41.36	-13 49.0	18.6	-1.04	- 2.9	0.0/15.6	43486
2002 EJ ₁₃₄	2004 08 15.5	21 41.41	-04 17.5	20.6	-0.70	- 5.4	2.6/18.5	30076
2000 NH ₁₇	2004 08 15.5	21 41.42	-21 25.9	17.8	-0.81	- 4.0	3.9/13.4	47902
1999 TN ₇₃	2004 08 15.5	21 41.51	-21 49.1	20.1	-0.85	- 1.9	2.4/13.5	27642
2001 XO ₈₀	2004 08 15.5	21 41.52	-11 42.0	18.6	-0.88	- 8.0	0.8/16.2	48164
2001 TK ₁₁₅	2004 08 15.5	21 41.53	-16 25.7	18.5	-1.02	- 4.0	1.1/14.9	48123
2003 FZ ₂₀	2004 08 15.5	21 41.54	+00 01.7	18.6	-0.83	- 3.7	4.6/19.6	48344
2003 AK ₆	2004 08 15.5	21 41.55	-11 55.6	18.7	-0.99	- 4.5	0.8/16.1	50730
2000 QS ₉	2004 08 15.6	21 41.51	-01 08.0	18.9	-0.69	-11.8	5.4/20.3	7533
2000 PV ₁₂	2004 08 15.6	21 41.51	-04 52.8	17.2	-1.02	+ 0.6	3.4/17.5	30362
2002 AF ₅₆	2004 08 15.6	21 41.57	-12 21.7	19.7	-0.84	- 4.0	0.5/16.0	27804
2000 YJ ₉₂	2004 08 15.6	21 41.68	-35 45.1	17.8	-0.81	- 7.0	6.1/08.2	50514
2001 XD ₁₃₇	2004 08 15.6	21 41.68	-19 13.8	20.0	-0.90	- 5.4	1.9/14.1	47022
2001 UG ₁₉₅	2004 08 15.6	21 41.76	-07 52.0	20.4	-0.95	- 6.1	2.3/17.3	49937
2000 OY ₅	2004 08 15.6	21 41.77	-05 54.1	17.5	-1.05	+ 3.3	3.7/17.1	47903
2000 SO ₂₀	2004 08 15.6	21 41.77	+08 51.3	21.0	-0.82	- 4.0	7.0/22.2	47941

2002 EQ ₄₁	2004 08 15.6	21 41.79	-10 05.7	19.9	-0.94	- 4.4	1.4/16.7	50597
2002 EE ₁	2004 08 15.6	21 41.79	-05 14.8	19.7	-0.70	- 8.0	2.3/18.5	30700
2001 SR ₂₅₀	2004 08 15.6	21 41.79	-13 43.6	18.9	-0.90	- 7.3	0.0/15.7	22854
2002 CS ₂₂₃	2004 08 15.6	21 41.84	-15 58.3	19.7	-0.79	- 4.8	0.7/15.1	29875
2000 SF ₂₃₁	2004 08 15.6	21 41.86	-11 20.0	19.2	-0.88	- 3.8	0.9/16.4	30400
2000 SE ₃₃	2004 08 15.6	21 41.88	-12 33.3	19.6	-0.83	- 6.3	0.4/16.1	47942
2000 SX ₂₂₅	2004 08 15.6	21 41.88	-36 40.3	18.7	-0.85	- 4.0	5.8/08.7	50493
2000 QR ₂₀₃	2004 08 15.7	21 41.85	-28 11.5	18.8	-1.09	- 0.1	5.4/12.5	47928
1999 RD ₃₃	2004 08 15.7	21 41.85	-14 45.3	18.6	-0.91	- 0.7	0.3/15.5	30305
2000 WM ₁₇₀	2004 08 15.7	21 41.87	-07 21.5	19.3	-0.84	- 2.9	2.3/17.4	47994
1995 UM ₇₇	2004 08 15.7	21 41.95	+01 15.9	20.5	-0.78	- 5.1	4.7/20.2	30249
2002 CP ₆₅	2004 08 15.7	21 41.95	-24 39.4	19.2	-0.75	- 9.3	3.1/12.0	30649
2001 VK ₄₀	2004 08 15.7	21 41.98	-22 46.6	18.0	-0.87	- 5.6	4.7/13.0	26044
2000 SZ ₁₄₁	2004 08 15.7	21 42.00	-04 58.5	19.2	-0.82	- 4.5	3.1/18.2	47953
2003 BC ₃	2004 08 15.7	21 42.06	-27 11.5	21.2	-0.95	-11.4	4.1/11.3	47260
2000 HX ₁₁	2004 08 15.7	21 42.09	-07 27.7	16.8	-0.71	- 3.3	3.5/17.6	23533
2001 TC ₁₁₁	2004 08 15.7	21 42.10	-05 22.0	19.5	-0.96	- 4.5	3.3/18.0	46747
2003 EH ₂₇	2004 08 15.7	21 42.12	-19 10.5	20.8	-0.99	- 4.6	1.9/14.3	47348
2001 XZ ₂₃₈	2004 08 15.7	21 42.13	+01 12.5	18.2	-0.98	+ 0.1	7.4/19.0	30589
2000 GN ₁₀₀	2004 08 15.7	21 42.20	-21 52.8	18.8	-1.13	- 1.5	3.6/13.9	43361
2003 FN ₅₄	2004 08 15.7	21 42.23	-15 25.3	19.9	-0.89	- 5.3	0.6/15.3	50755
2001 XC ₇₀	2004 08 15.8	21 42.25	-20 47.6	19.3	-0.93	- 7.3	2.6/13.7	48164
2001 XR ₁₅₀	2004 08 15.8	21 42.25	-29 17.5	18.4	-0.96	- 7.7	6.4/10.8	47029
2001 UC ₁₂₇	2004 08 15.8	21 42.28	-20 24.8	19.6	-0.95	- 6.0	2.3/13.9	48142
2003 FL ₁₀₈	2004 08 15.8	21 42.28	-21 48.3	19.1	-0.92	- 4.2	2.9/13.6	50758
2002 AA ₁₉₃	2004 08 15.8	21 42.30	-12 36.6	19.7	-0.75	- 4.2	0.3/16.2	61216
1999 TY ₂₄	2004 08 15.8	21 42.30	-01 34.8	18.9	-0.72	- 6.2	4.0/19.6	50423
2000 SZ ₁₃₃	2004 08 15.8	21 42.32	-02 42.1	19.4	-0.88	- 2.7	4.0/18.7	25856
2001 YT ₄	2004 08 15.8	21 42.32	-36 25.9	19.9	-1.12	- 2.6	7.8/09.5	24005
4506 T-3	2004 08 15.8	21 42.32	-29 45.1	19.7	-0.94	- 3.3	5.3/11.4	47584
1999 RE ₃₁	2004 08 15.8	21 42.34	-43 17.2	19.3	-1.99	+ 6.4	14.5/11.0	42912
2001 SR ₃₄₇	2004 08 15.8	21 42.37	-03 35.9	19.6	-1.00	- 3.6	4.1/18.5	48113
2001 XF ₁₇₇	2004 08 15.8	21 42.42	-12 11.3	19.6	-0.84	- 5.2	0.5/16.3	48170
2001 TR ₁₂₂	2004 08 15.8	21 42.43	-10 12.8	18.8	-1.05	- 1.1	1.7/16.6	48123
2000 WV ₁₇₂	2004 08 15.8	21 42.44	-36 52.5	18.1	-0.91	-13.3	8.2/06.6	9885
2001 KY ₂	2004 08 15.8	21 42.44	-54 33.6	19.4	-1.61	- 5.5	17.3/01.1	41684
2001 SW ₆₂	2004 08 15.8	21 42.46	-23 56.1	20.0	-1.09	- 4.1	4.3/13.1	46623
1999 RR ₂₄₉	2004 08 15.8	21 42.50	-15 21.9	19.7	-0.83	- 3.2	0.5/15.4	3921
1999 TX ₂₉₂	2004 08 15.8	21 42.51	-21 16.5	18.2	-0.85	- 1.5	2.5/13.9	47814
1999 RV ₂₄₉	2004 08 15.8	21 42.53	-12 40.7	20.9	-0.73	- 4.0	0.3/16.2	33090
2002 CJ ₉₈	2004 08 15.8	21 42.54	-10 14.0	19.3	-0.71	- 7.0	1.1/17.0	49987
1996 SX ₇	2004 08 15.8	21 42.64	-00 31.0	19.7	-0.81	- 6.1	4.6/19.9	47704
1999 TK ₂₆₉	2004 08 15.8	21 42.64	-09 54.2	19.7	-0.80	- 1.9	1.2/16.9	47813
2001 AH ₁₀	2004 08 15.9	21 42.59	-02 02.9	19.9	-0.78	- 2.5	3.5/19.0	17526
2001 TC ₁₂	2004 08 15.9	21 42.61	-11 37.5	19.2	-0.95	- 4.8	0.7/16.5	48114
2003 DF ₂₀	2004 08 15.9	21 42.62	-13 39.7	20.1	-0.96	- 5.2	0.0/15.9	48329
1999 JB ₈₉	2004 08 15.9	21 42.62	-25 20.5	18.4	-0.88	- 8.2	4.2/12.2	47781
2002 BW ₃	2004 08 15.9	21 42.65	-26 38.0	19.2	-1.11	- 1.9	5.5/12.7	48195
2003 FP ₉₂	2004 08 15.9	21 42.66	-12 42.4	19.2	-0.81	- 6.4	0.4/16.2	47466
2002 CF ₂₀	2004 08 15.9	21 42.67	-16 25.0	19.4	-0.73	- 7.1	0.8/15.1	50590
2002 EZ ₆₁	2004 08 15.9	21 42.69	-05 46.5	19.8	-0.80	- 5.2	2.6/18.2	30002

2003 EG ₁₇	2004 08 15.9	21 42.70	-18 06.3	19.4	-0.96	- 7.6	1.7/14.6	50749
2001 XY ₁₂₉	2004 08 15.9	21 42.71	-05 51.1	19.5	-0.90	- 4.4	3.2/18.1	47019
2001 XD ₆₄	2004 08 15.9	21 42.74	-10 12.3	19.2	-0.86	- 4.6	1.2/16.9	30570
2001 YS ₁₂₇	2004 08 15.9	21 42.76	-09 40.8	19.8	-0.96	- 2.0	1.5/16.9	48182
2001 TM ₁₉₂	2004 08 15.9	21 42.77	-03 17.0	19.0	-0.95	- 3.9	4.1/18.8	48129
2001 SF ₁₀₆	2004 08 15.9	21 42.78	-03 27.9	18.6	-0.99	- 4.1	4.2/18.6	46636
2000 NR ₁₇	2004 08 15.9	21 42.80	-25 12.4	18.1	-0.72	- 4.0	6.0/12.5	18282
1998 DQ ₁₉	2004 08 15.9	21 42.83	-17 47.9	19.4	-0.86	- 5.4	1.6/14.8	47723
1999 CK ₈₇	2004 08 15.9	21 42.84	-18 12.4	19.1	-1.06	- 4.9	1.8/14.8	50404
2003 BV ₂₀	2004 08 15.9	21 42.90	-16 10.8	18.7	-0.91	- 8.1	1.0/15.2	48317
2001 XQ ₂₆	2004 08 15.9	21 42.93	-24 26.3	19.5	-0.96	- 5.0	3.6/12.9	30564
2001 VE ₅₉	2004 08 15.9	21 42.94	-13 31.4	20.0	-1.00	- 4.1	0.1/16.0	30542
2000 WC ₁₇₄	2004 08 15.9	21 42.94	-09 50.1	18.6	-0.73	- 6.7	1.1/17.2	30433
2001 TY ₁₂₆	2004 08 15.9	21 42.97	-12 48.8	20.5	-0.94	- 5.0	0.3/16.2	46751
2000 RD ₄₀	2004 08 15.9	21 42.97	-00 22.9	17.9	-0.88	- 2.9	4.9/19.5	30380
2001 XX ₁₃₃	2004 08 15.9	21 42.98	-17 23.0	20.4	-0.98	- 5.5	1.4/15.0	23244
2002 CT ₁₀₄	2004 08 15.9	21 43.01	-18 13.7	20.0	-0.76	- 3.7	1.2/14.7	48204
2000 SR ₂₂₆	2004 08 16.0	21 43.03	+03 02.1	18.2	-0.68	- 9.4	6.8/22.1	47960
2001 VX ₁₁₁	2004 08 16.0	21 43.03	-28 51.6	20.5	-1.05	- 4.6	6.3/11.7	46914
2001 YU ₇	2004 08 16.0	21 43.06	-09 49.9	18.2	-0.99	- 2.7	1.6/17.0	24006
2000 WV ₁₇₀	2004 08 16.0	21 43.06	-17 22.2	18.9	-0.76	- 5.3	1.0/14.9	30433
2001 QU ₈₈	2004 08 16.0	21 43.07	+16 36.0	18.6	-1.03	- 0.4	9.7/23.7	50543
2002 CH ₂₃₈	2004 08 16.0	21 43.08	-06 00.3	19.5	-0.71	- 5.8	2.2/18.4	30688
2002 CE ₁₁₈	2004 08 16.0	21 43.15	-16 24.3	19.4	-0.85	- 1.7	0.8/15.4	30662
1999 GJ ₇	2004 08 16.0	21 43.23	-06 58.6	18.0	-0.82	-10.7	2.5/19.0	47775
1998 BC ₃	2004 08 16.0	21 43.25	-13 58.3	18.3	-0.95	- 6.9	0.1/16.0	47721
2001 VY ₁	2004 08 16.0	21 43.29	-13 16.3	19.5	-0.98	- 4.4	0.1/16.2	33495
1997 CJ ₆	2004 08 16.0	21 43.30	-13 30.1	18.9	-0.82	- 5.6	0.1/16.1	60483
2002 CP ₂₄₁	2004 08 16.0	21 43.33	-03 56.6	20.7	-0.68	- 5.1	2.5/19.1	29891
2000 SB ₁₇₀	2004 08 16.0	21 43.34	-21 06.1	17.7	-0.92	- 2.6	2.7/14.1	47955
2001 TR ₆	2004 08 16.0	21 43.39	-18 40.6	19.7	-0.96	- 6.6	1.8/14.6	50560
2448 T-3	2004 08 16.0	21 43.39	-18 10.6	19.3	-0.89	- 3.2	1.4/14.9	30773
1997 TT ₅	2004 08 16.0	21 43.43	-20 03.1	18.2	-1.00	- 5.2	2.9/14.3	47716
2000 RG ₆₇	2004 08 16.0	21 43.44	-42 32.4	18.8	-1.19	- 0.3	10.9/08.0	47936
2000 WH ₅₈	2004 08 16.1	21 43.45	-15 15.1	19.7	-0.77	- 4.5	0.5/15.7	29552
2002 BN ₃	2004 08 16.1	21 43.45	-29 06.7	19.4	-0.93	- 2.0	4.9/12.1	48195
2001 XL ₁₇₇	2004 08 16.1	21 43.46	-12 02.6	20.2	-0.94	- 5.6	0.6/16.6	30582
2001 VY ₆₅	2004 08 16.1	21 43.60	-06 55.3	18.1	-0.93	- 1.8	3.4/17.8	48151
2002 CX ₄₂	2004 08 16.1	21 43.68	-25 55.9	19.4	-0.78	- 5.1	3.2/12.4	30644
2000 TP ₄₄	2004 08 16.1	21 43.69	-11 45.8	18.7	-0.78	-11.4	0.7/16.8	27729
2003 AU ₁₆	2004 08 16.1	21 43.75	-07 08.2	18.2	-1.69	+10.7	3.6/16.7	48309
2001 XD ₂₂₂	2004 08 16.1	21 43.78	-15 13.3	18.6	-0.96	- 3.4	0.7/15.8	48172
2002 CF ₂₂₇	2004 08 16.2	21 43.71	-07 01.2	20.7	-0.78	- 6.0	2.1/18.2	27552
2001 VQ ₈₂	2004 08 16.2	21 43.75	-19 51.1	20.8	-0.97	- 5.8	2.2/14.4	46902
2001 XU ₄₄	2004 08 16.2	21 43.78	-35 28.9	21.0	-1.00	- 3.7	6.8/09.8	46976
2001 SB ₁₆₇	2004 08 16.2	21 43.81	-16 58.3	19.8	-1.01	- 6.7	1.3/15.3	48101
2001 XJ ₁₁₅	2004 08 16.2	21 43.82	-21 10.9	17.3	-0.88	- 1.7	3.9/14.3	48167
2002 CK ₁₅₀	2004 08 16.2	21 43.85	-18 08.7	20.5	-0.82	- 4.0	1.4/15.0	61218
2000 RW ₉₃	2004 08 16.2	21 43.85	-31 44.8	19.4	-1.11	- 0.3	6.5/11.9	47938
2002 GB ₁₇₂	2004 08 16.2	21 43.89	-13 27.7	20.3	-0.72	- 3.9	0.0/16.3	35188
2001 UB ₅₀	2004 08 16.2	21 43.90	-00 46.6	19.5	-0.88	- 7.8	5.1/20.2	48136

2001 YB ₁₃₂	2004 08 16.2	21 43.90	-35 44.1	18.6	-0.96	- 5.1	7.6/09.5	48182
2000 SA ₂₁₃	2004 08 16.2	21 43.99	-24 02.3	18.9	-0.93	- 5.6	4.1/13.1	33266
5183 T-3	2004 08 16.2	21 44.01	-10 43.1	18.8	-0.77	- 8.8	1.1/17.2	48393
2000 SA ₂₁₉	2004 08 16.2	21 44.01	-27 40.0	19.6	-0.80	- 4.5	3.5/12.0	31916
2225 T-3	2004 08 16.2	21 44.01	-12 54.2	20.0	-0.99	- 3.6	0.3/16.5	27869
2000 WV ₁₈₀	2004 08 16.2	21 44.02	-01 19.8	18.2	-0.90	- 1.5	4.9/19.0	9886
2002 AG ₈₂	2004 08 16.2	21 44.06	-11 58.3	20.3	-0.83	- 5.2	0.5/16.8	62386
6057 P-L	2004 08 16.2	21 44.07	-14 56.4	17.8	-1.00	- 2.8	0.6/15.9	27867
2000 RS ₅₃	2004 08 16.2	21 44.09	+08 28.1	17.3	-0.75	- 5.7	9.6/23.7	46457
2000 PW ₄	2004 08 16.2	21 44.12	-07 22.7	17.6	-1.04	+ 3.8	3.2/17.4	13676
2000 SU ₁₀₉	2004 08 16.2	21 44.15	+03 39.6	19.6	-0.78	- 7.0	6.8/21.8	7573
2000 UP ₃	2004 08 16.2	21 44.16	-05 16.0	19.4	-0.93	- 4.3	3.4/18.5	13787
1998 WV ₁₄	2004 08 16.2	21 44.16	-21 40.0	18.4	-1.04	- 6.6	3.6/14.0	47757
2001 YE ₁₄₉	2004 08 16.3	21 44.09	-21 20.4	17.6	-1.04	- 0.6	3.6/14.5	47115
2000 SH ₇	2004 08 16.3	21 44.12	-33 18.6	20.3	-1.15	- 0.1	7.9/11.4	10977
2001 VS ₂₇	2004 08 16.3	21 44.14	-13 05.7	19.4	-1.00	- 5.7	0.2/16.5	26042
2000 PK ₂₀	2004 08 16.3	21 44.18	-20 38.6	18.2	-0.91	- 3.7	3.1/14.4	50480
2003 FV ₁₄	2004 08 16.3	21 44.20	-05 31.6	18.8	-0.84	- 6.7	3.1/18.8	50754
2000 UA ₈₉	2004 08 16.3	21 44.28	-16 17.1	19.5	-0.82	- 5.9	0.9/15.5	53659
2002 CV ₃₀	2004 08 16.3	21 44.29	-20 15.5	19.9	-0.95	- 4.5	2.3/14.5	30641
1999 RS ₂₁₇	2004 08 16.3	21 44.32	-17 36.4	20.0	-0.89	- 1.3	1.4/15.4	47797
2003 EE ₂₁	2004 08 16.3	21 44.36	-14 47.3	20.6	-1.02	- 4.0	0.5/16.1	47337
2001 VF ₄₂	2004 08 16.3	21 44.39	-03 01.3	19.3	-0.93	- 4.0	4.1/19.2	48150
1999 RX ₂₃₄	2004 08 16.3	21 44.44	-11 59.4	18.7	-0.71	- 6.8	0.5/16.9	50421
2000 KV ₇₆	2004 08 16.3	21 44.46	-22 58.7	17.9	-0.86	- 8.4	4.4/13.3	47899
2000 QY ₈₆	2004 08 16.3	21 44.47	-08 21.2	18.2	-0.96	- 1.9	2.1/17.7	50482
2000 SZ ₁₆₆	2004 08 16.3	21 44.51	-02 48.7	18.0	-0.90	- 1.9	4.2/19.2	47955
2000 SA ₃₄	2004 08 16.3	21 44.51	-18 48.8	18.8	-0.86	- 5.8	2.1/14.9	47942
2001 RG ₆₈	2004 08 16.3	21 44.54	-15 53.5	18.6	-1.12	- 1.3	1.0/15.9	48074
2001 VN ₄₈	2004 08 16.4	21 44.46	-03 04.0	19.7	-0.88	- 4.0	3.4/19.3	30540
2000 RZ ₁₀₀	2004 08 16.4	21 44.47	-04 04.5	18.6	-1.02	+ 1.6	3.9/18.4	47939
2000 PP ₂₄	2004 08 16.4	21 44.50	-16 12.5	19.1	-0.95	- 3.1	1.0/15.7	47909
2000 SV ₁₃₀	2004 08 16.4	21 44.54	+05 58.9	20.1	-0.91	- 1.7	6.6/21.6	47952
2000 JW ₃₀	2004 08 16.4	21 44.56	-17 17.8	18.8	-1.05	- 3.0	1.6/15.5	43366
2000 QM ₁₁₃	2004 08 16.4	21 44.56	-16 27.9	19.4	-0.94	- 2.9	1.1/15.7	50482
2002 AX ₁₃₅	2004 08 16.4	21 44.57	-28 48.0	18.7	-0.79	- 8.0	4.4/11.4	50587
2000 SX ₁₉	2004 08 16.4	21 44.58	-00 57.3	19.1	-0.87	- 3.5	4.8/19.8	27048
1999 GR ₃₃	2004 08 16.4	21 44.59	-36 29.9	19.5	-1.05	- 3.6	7.8/09.9	50407
2001 YM ₆₂	2004 08 16.4	21 44.66	-19 42.6	19.4	-0.91	- 4.3	2.0/14.7	48177
2002 CM ₁₂₉	2004 08 16.4	21 44.67	-09 50.2	18.7	-1.03	+ 0.9	1.5/17.2	48205
2001 SU ₁₄₉	2004 08 16.4	21 44.68	-11 13.1	17.8	-0.99	- 3.2	1.1/17.0	23749
2001 XC	2004 08 16.4	21 44.69	-15 29.1	17.9	-1.08	- 1.6	0.8/16.0	30560
2002 ED ₃₈	2004 08 16.4	21 44.73	-13 49.9	19.1	-0.80	- 3.7	0.1/16.4	41764
2001 XS ₂₄₈	2004 08 16.4	21 44.75	-14 37.2	19.8	-0.85	- 5.4	0.4/16.2	48174
2002 EU ₁₅	2004 08 16.4	21 44.76	-03 14.1	19.9	-0.90	- 4.5	3.4/19.0	30704
2001 XF ₁₁₉	2004 08 16.4	21 44.83	-30 47.3	19.5	-0.88	- 7.9	5.8/10.7	48167
1999 CO ₁₀	2004 08 16.4	21 44.84	+01 10.5	18.4	-1.26	+ 3.5	5.8/19.0	47766
2001 TE ₁₄₅	2004 08 16.4	21 44.87	-21 10.7	20.6	-1.01	- 6.2	2.9/14.3	46755
2001 QT ₁₈₆	2004 08 16.4	21 44.87	-08 45.4	18.5	-0.76	- 9.8	2.5/18.1	20911
2000 TS ₅₄	2004 08 16.4	21 44.88	-22 01.9	19.5	-0.89	- 3.5	3.2/14.2	47974
1998 BE ₄₈	2004 08 16.5	21 44.83	-13 02.4	21.0	-0.88	- 4.1	0.2/16.6	49646

2000 SO ₂₉₂	2004 08 16.5	21 44.83	-05 06.3	19.7	-0.86	- 2.3	2.7/18.7	47965
2002 DJ ₁	2004 08 16.5	21 44.93	-07 42.2	19.4	-0.85	- 3.9	2.0/18.1	30696
2000 TO ₁₂	2004 08 16.5	21 45.01	-12 06.5	19.3	-0.81	- 7.9	0.5/17.0	47970
2001 XJ ₁₅₉	2004 08 16.5	21 45.02	-22 03.3	17.7	-0.84	- 8.1	3.7/13.8	48169
2000 XY ₃₅	2004 08 16.5	21 45.06	-00 45.4	18.3	-1.00	+ 2.2	5.2/19.0	27179
2134 P-L	2004 08 16.5	21 45.07	-14 35.8	19.4	-0.91	- 3.5	0.4/16.3	30771
1999 RQ ₂₀₅	2004 08 16.5	21 45.08	-11 53.3	17.9	-0.86	- 0.7	0.5/17.0	30314
1999 SP ₁	2004 08 16.5	21 45.14	+04 57.2	19.9	-0.72	- 4.5	5.2/22.2	30316
2001 UP ₁₄₂	2004 08 16.5	21 45.18	-11 52.0	20.7	-0.93	- 5.4	0.6/17.0	46832
2001 UZ ₁₅₂	2004 08 16.5	21 45.19	-13 58.7	19.1	-1.01	- 5.2	0.2/16.5	48143
2000 QB ₆₉	2004 08 16.5	21 45.20	-07 51.5	18.4	-0.80	- 9.6	2.0/18.4	50481
2002 AR ₁₀₈	2004 08 16.5	21 45.20	-16 57.4	19.5	-0.96	- 4.3	1.5/15.6	47145
1999 UA ₄₉	2004 08 16.5	21 45.22	-07 32.7	18.5	-0.80	- 2.6	2.1/18.2	10477
1996 ES ₆	2004 08 16.5	21 45.23	-18 09.8	19.6	-1.06	- 3.1	1.8/15.4	47702
2003 EM ₄	2004 08 16.5	21 45.29	-13 16.5	20.5	-1.06	- 2.7	0.1/16.7	47321
2001 XM ₂₅	2004 08 16.6	21 45.20	-28 22.1	20.1	-0.90	- 6.5	4.7/11.9	46967
2001 SD ₁₇₉	2004 08 16.6	21 45.22	-27 06.5	19.5	-1.01	- 6.8	5.5/12.5	46661
2001 XG ₂₃₁	2004 08 16.6	21 45.24	-19 13.1	20.1	-0.93	- 4.1	2.0/15.1	47063
2000 WK ₁₁₅	2004 08 16.6	21 45.28	-00 39.7	19.9	-0.82	- 1.7	4.1/20.0	47991
1981 EU ₁₆	2004 08 16.6	21 45.32	-13 47.1	20.5	-1.02	- 3.5	0.1/16.6	47680
2000 SH ₆₅	2004 08 16.6	21 45.33	-13 18.3	18.4	-0.85	- 5.2	0.1/16.7	47946
2001 UV ₆	2004 08 16.6	21 45.33	-19 57.5	18.7	-0.97	- 4.8	2.6/14.9	48133
4327 P-L	2004 08 16.6	21 45.34	+05 05.5	19.3	-0.69	- 5.5	5.0/22.6	34057
2000 GZ ₉₂	2004 08 16.6	21 45.35	-13 22.9	17.7	-0.93	- 7.3	0.1/16.7	47881
2001 TT ₂₃₃	2004 08 16.6	21 45.36	-08 09.6	20.2	-0.95	- 4.7	2.0/18.1	48131
2003 FW ₇₇	2004 08 16.6	21 45.39	-12 10.6	20.4	-0.93	- 5.7	0.5/17.0	50756
1999 RV ₁₉₆	2004 08 16.6	21 45.40	-06 36.4	18.0	-0.86	- 0.9	2.5/18.3	50420
1997 TS ₁₉	2004 08 16.6	21 45.41	-09 12.3	20.6	-0.92	- 4.7	1.5/17.8	47716
2003 GC ₃₈	2004 08 16.6	21 45.42	-27 34.6	19.4	-0.93	- 3.6	5.0/12.8	47530
1995 FA ₆	2004 08 16.6	21 45.44	-19 25.2	20.0	-0.99	- 3.3	2.3/15.1	49639
2002 CU ₂₂₆	2004 08 16.6	21 45.46	-10 35.2	20.1	-0.84	- 1.8	0.9/17.4	48210
2003 BQ ₂₇	2004 08 16.6	21 45.51	-08 29.7	20.5	-0.98	- 4.2	1.8/18.0	48318
2002 AO ₁₉₈	2004 08 16.6	21 45.54	-07 36.7	20.2	-1.00	- 3.3	2.5/18.1	33960
2000 YP ₁	2004 08 16.6	21 45.55	-04 45.4	18.9	-0.95	- 0.4	3.0/18.7	9893
2000 XW ₄₈	2004 08 16.6	21 45.58	-27 33.2	18.8	-0.89	- 2.4	4.4/12.8	47997
1998 YE ₁₇	2004 08 16.6	21 45.59	-03 16.3	20.2	-1.06	- 1.1	4.3/19.0	47761
2000 JX ₃₄	2004 08 16.6	21 45.64	-11 13.6	17.1	-0.74	- 3.2	1.2/17.3	47893
2001 UA ₁₇₁	2004 08 16.7	21 45.60	-16 17.3	18.6	-0.99	- 3.9	1.1/16.0	48144
2003 AD ₈₀	2004 08 16.7	21 45.60	-26 20.8	20.0	-1.01	- 5.5	5.1/13.0	47256
2000 RA ₅₂	2004 08 16.7	21 45.62	-02 13.6	19.6	-0.79	- 2.8	3.6/19.8	47935
2000 TN ₃₈	2004 08 16.7	21 45.63	-33 49.6	17.9	-1.02	- 2.8	6.4/11.0	47972
2002 EH ₁₁₇	2004 08 16.7	21 45.64	-18 26.8	21.3	-0.91	- 4.8	1.6/15.3	48223
2000 SB ₂₈₅	2004 08 16.7	21 45.64	+04 12.9	19.2	-0.79	- 6.2	6.5/22.5	47965
2000 SR ₂₉₁	2004 08 16.7	21 45.66	-03 36.4	20.3	-0.79	- 4.6	2.9/19.6	27723
1999 SE ₂₆	2004 08 16.7	21 45.66	+00 02.5	18.7	-0.78	- 2.8	4.3/20.6	46378
1999 CS ₈₄	2004 08 16.7	21 45.67	-30 43.3	19.2	-1.06	- 4.4	6.0/11.9	47768
2002 FZ ₂₀	2004 08 16.7	21 45.72	-43 34.4	18.8	-1.12	+ 0.6	9.3/08.9	48225
2002 AP ₄₉	2004 08 16.7	21 45.86	-13 02.1	19.9	-0.77	- 3.8	0.1/16.9	27803
2000 LX ₆	2004 08 16.7	21 45.92	-14 00.3	20.1	-0.92	- 7.0	0.2/16.6	26966
2000 UL ₄₉	2004 08 16.7	21 45.92	+21 02.1	17.9	-0.75	- 3.2	13.5/29.3	9850
2000 HT ₆₉	2004 08 16.7	21 45.92	-15 43.9	19.5	-1.03	- 3.6	1.0/16.2	50474

2002 CQ ₇₅	2004 08 16.7	21 45.94	-16 44.0	19.9	-0.84	- 1.4	1.0/16.0	30651
2002 AJ ₁₈₅	2004 08 16.7	21 45.94	-17 56.6	20.0	-0.97	- 5.1	1.9/15.5	48194
2001 VJ ₇₇	2004 08 16.7	21 45.95	-11 32.7	20.1	-0.89	- 6.9	0.6/17.4	48152
2000 QB ₂₀₇	2004 08 16.7	21 45.98	-13 11.1	18.5	-0.85	- 5.1	0.1/16.9	47928
2002 CP ₁₇₉	2004 08 16.7	21 45.98	-14 52.1	19.6	-0.81	- 5.4	0.5/16.4	27543
2000 MK	2004 08 16.7	21 46.00	-03 00.3	19.5	-0.96	- 4.6	4.2/19.7	47900
2001 TZ ₁₁₁	2004 08 16.7	21 46.01	+04 58.7	18.2	-0.83	- 5.4	9.2/22.7	30485
2002 AC ₉₆	2004 08 16.8	21 45.95	-19 23.4	19.0	-0.98	- 4.0	2.7/15.2	48189
1992 EE ₅	2004 08 16.8	21 45.99	-19 16.1	18.5	-1.08	- 2.2	2.4/15.4	47684
2001 YX ₇₇	2004 08 16.8	21 45.99	-13 17.2	18.4	-0.96	- 3.9	0.1/16.9	26102
2000 UW ₂₇	2004 08 16.8	21 46.02	-16 24.2	19.9	-0.87	- 5.0	1.1/16.0	46508
2001 SV ₃₅₀	2004 08 16.8	21 46.03	+01 43.2	18.8	-0.90	- 5.3	7.1/21.4	37737
2001 SG ₅₀	2004 08 16.8	21 46.05	-19 19.5	19.0	-0.94	- 8.0	2.7/15.0	46619
2001 XD ₅₈	2004 08 16.8	21 46.09	-20 40.2	18.9	-0.88	- 6.0	3.5/14.7	48163
1999 RO ₄₅	2004 08 16.8	21 46.14	-01 06.7	19.8	-0.74	- 3.6	3.6/20.4	47788
2002 DK ₃	2004 08 16.8	21 46.16	-37 55.5	21.1	-1.02	- 0.3	6.4/10.4	30697
2000 RX ₉₉	2004 08 16.8	21 46.18	+02 01.8	18.8	-1.00	+ 1.8	6.7/20.1	30385
1999 VQ ₁₉₂	2004 08 16.8	21 46.19	+03 40.6	18.6	-0.74	- 3.1	5.1/21.8	30336
2000 KT ₁₆	2004 08 16.8	21 46.19	-04 03.4	19.4	-0.96	- 4.8	3.9/19.5	29218
2002 FK ₂₆	2004 08 16.8	21 46.31	-31 06.8	19.7	-0.89	- 8.0	6.0/10.9	47198
1999 CN ₁₄₅	2004 08 16.8	21 46.35	-12 30.2	20.9	-0.95	- 5.1	0.3/17.1	55861
2002 AS ₁₆₁	2004 08 16.8	21 46.39	-11 07.9	20.2	-0.90	- 3.9	0.7/17.5	27815
2000 KK ₄₁	2004 08 16.9	21 46.33	-14 47.3	18.6	-0.87	- 6.0	0.6/16.5	25027
2001 UG ₈	2004 08 16.9	21 46.35	-24 14.0	20.6	-1.09	- 5.2	4.2/13.9	49935
1999 PP ₁	2004 08 16.9	21 46.39	-25 12.9	18.2	-0.90	- 2.0	3.8/13.8	30303
1999 RZ ₄₃	2004 08 16.9	21 46.43	-21 35.9	18.1	-0.78	- 5.0	2.7/14.4	47788
2000 UZ ₆₇	2004 08 16.9	21 46.44	-16 18.6	18.5	-0.89	- 2.9	1.1/16.2	33290
2000 QF ₂₀₉	2004 08 16.9	21 46.46	-15 47.8	19.6	-1.08	- 0.5	1.0/16.4	29266
2002 AV ₃	2004 08 16.9	21 46.51	-21 32.1	19.4	-0.85	- 7.5	2.6/14.4	50584
2002 BA ₃	2004 08 16.9	21 46.52	-26 15.5	21.0	-0.99	- 2.0	3.9/13.6	48195
1981 ES ₃₉	2004 08 16.9	21 46.56	-11 53.7	19.2	-0.79	- 3.8	0.4/17.4	30240
2002 AF ₄₆	2004 08 16.9	21 46.57	-13 13.3	19.3	-0.82	- 5.7	0.1/17.0	48186
2002 EZ ₉₈	2004 08 16.9	21 46.59	-00 06.7	18.3	-0.70	- 5.4	3.9/21.1	31981
1999 XB ₁₄₃	2004 08 16.9	21 46.61	-31 52.7	18.4	-0.86	- 4.3	4.9/11.2	31885
2000 QT ₁₅₀	2004 08 16.9	21 46.68	-21 35.0	18.2	-1.03	- 0.6	2.9/15.0	47923
2002 CP ₁₄₅	2004 08 16.9	21 46.68	-19 18.0	20.7	-0.86	- 0.9	1.6/15.5	30669
2001 VW ₄₀	2004 08 16.9	21 46.69	-03 53.1	19.5	-0.91	- 5.7	4.0/19.7	46882
1999 TU ₂₇₅	2004 08 16.9	21 46.73	-06 44.5	19.4	-0.72	- 4.4	1.9/19.0	30327
1997 YF ₁₄	2004 08 16.9	21 46.74	-08 57.1	19.2	-0.94	- 3.2	1.6/18.1	47721
2000 QY ₂₄	2004 08 16.9	21 46.77	-21 18.9	18.2	-1.06	- 0.7	3.0/15.1	30364
2000 SS ₁₂₆	2004 08 17.0	21 46.73	-05 43.5	19.8	-0.81	- 5.3	2.8/19.3	47951
2003 EW ₅	2004 08 17.0	21 46.79	-13 18.0	19.9	-0.96	- 4.3	0.0/17.0	47323
2001 TC ₆	2004 08 17.0	21 46.81	-14 27.6	19.1	-0.95	- 7.1	0.4/16.7	50560
2001 VD ₂₉	2004 08 17.0	21 46.86	-26 17.7	18.3	-1.03	- 5.7	5.5/13.2	48148
2000 VE ₂₁	2004 08 17.0	21 46.88	-12 21.6	19.8	-0.80	- 4.9	0.3/17.3	47984
2000 SS ₁₃₇	2004 08 17.0	21 46.89	-09 32.9	18.1	-0.99	- 0.4	1.4/17.9	27711
2001 XY ₂₀₈	2004 08 17.0	21 46.95	-03 20.0	20.8	-0.90	- 5.4	3.9/19.9	48172
2000 HJ ₇₁	2004 08 17.0	21 46.95	-27 08.5	17.7	-0.93	- 5.4	6.8/12.9	47890
2002 CK ₁₃₃	2004 08 17.0	21 47.02	-16 16.7	21.5	-0.88	- 2.7	0.8/16.3	30666
2001 SO ₂₆₁	2004 08 17.0	21 47.04	-12 15.5	17.8	-1.08	- 0.9	0.5/17.3	25993
2002 CR ₂₉₁	2004 08 17.0	21 47.08	-11 35.9	19.5	-0.74	- 7.0	0.5/17.6	48213

2002 CU ₁₅₅	2004 08 17.0	21 47.09	-20 21.4	21.3	-0.91	- 5.3	2.2/15.1	30671
2000 WZ ₃₁	2004 08 17.0	21 47.13	-26 19.3	18.8	-0.80	- 5.9	3.9/13.0	47988
2001 UE ₁₁₈	2004 08 17.1	21 47.10	-25 44.1	19.9	-1.04	- 4.8	5.1/13.6	46823
2001 XT ₅₉	2004 08 17.1	21 47.11	-19 26.0	18.9	-0.96	- 6.0	2.3/15.3	30569
2000 GE ₁₆₈	2004 08 17.1	21 47.11	-21 44.0	19.4	-1.03	- 5.5	3.5/14.8	50472
2000 XK ₁₄	2004 08 17.1	21 47.15	-36 41.0	19.3	-1.09	- 1.3	7.7/10.7	31928
2000 SP ₅₆	2004 08 17.1	21 47.20	-15 01.1	19.1	-0.90	- 3.6	0.6/16.7	47945
2000 SY ₃₆₁	2004 08 17.1	21 47.20	-17 21.1	18.1	-0.85	- 6.1	1.6/15.9	47969
2000 JU ₂₁	2004 08 17.1	21 47.21	-03 39.0	19.8	-0.96	- 5.1	4.1/19.9	25024
1999 TC ₃	2004 08 17.1	21 47.21	-18 48.0	18.9	-0.74	- 5.2	1.5/15.5	50422
1999 JJ ₁₁₄	2004 08 17.1	21 47.22	-29 59.9	19.7	-0.96	- 3.9	5.9/12.4	50410
2000 WV ₂₅	2004 08 17.1	21 47.25	-16 09.2	19.0	-0.82	- 3.8	0.9/16.4	47987
1999 JO ₂₈	2004 08 17.1	21 47.25	-32 49.3	19.3	-1.02	- 2.1	7.5/12.0	50408
2003 BP ₂₆	2004 08 17.1	21 47.25	-08 47.8	19.8	-1.00	- 4.0	1.7/18.3	48318
2000 UZ ₆₅	2004 08 17.1	21 47.28	-14 22.9	18.7	-0.86	- 3.9	0.4/16.9	27736
1999 TG ₁₈₆	2004 08 17.1	21 47.29	-14 28.0	17.9	-0.92	+ 0.6	0.4/16.9	30324
2003 GT ₅	2004 08 17.1	21 47.30	-03 40.6	18.5	-0.78	- 8.3	4.2/20.3	47506
1999 RQ ₁₄₄	2004 08 17.1	21 47.37	-04 34.4	18.5	-0.85	- 1.5	3.1/19.4	35478
2002 BM ₃₀	2004 08 17.1	21 47.38	-45 05.9	20.3	-0.92	- 4.4	7.7/06.7	47167
2000 NM ₁₆	2004 08 17.1	21 47.40	-08 55.9	17.7	-1.10	+ 3.5	2.1/18.0	47902
2000 FO ₄₉	2004 08 17.1	21 47.40	-10 00.7	17.4	-1.04	- 3.1	1.4/18.0	47874
2001 RJ ₁₂₁	2004 08 17.1	21 47.42	-20 29.2	20.7	-1.13	- 3.8	3.1/15.3	46602
2000 VX ₄₅	2004 08 17.1	21 47.43	-06 02.1	19.3	-0.81	- 4.4	3.0/19.3	47986
1994 PF ₃₈	2004 08 17.1	21 47.46	-11 19.1	18.0	-0.86	- 6.2	1.0/17.8	23426
2000 QC ₈₈	2004 08 17.1	21 47.48	-10 15.7	17.9	-1.01	- 0.8	1.1/17.9	30368
2000 QS ₆₇	2004 08 17.1	21 47.49	-30 15.5	18.9	-1.05	- 0.4	7.5/13.0	46432
2002 CE ₁₇	2004 08 17.2	21 47.45	-10 51.2	19.1	-0.92	- 1.2	0.8/17.8	31966
1155 T-2	2004 08 17.2	21 47.48	-08 22.1	17.9	-0.83	- 5.5	1.9/18.7	48389
2000 RQ ₂₀	2004 08 17.2	21 47.64	-09 19.5	17.5	-1.04	0.0	1.6/18.1	30379
2001 UB ₁₇₂	2004 08 17.2	21 47.66	-22 14.5	20.0	-1.05	- 4.3	3.7/14.8	48144
1997 WB ₂	2004 08 17.2	21 47.66	-12 19.8	18.4	-0.95	- 5.9	0.4/17.5	47718
1999 TY ₁₁₄	2004 08 17.2	21 47.66	+01 05.7	19.0	-0.72	- 4.9	4.4/21.7	50425
2000 RJ ₇₇	2004 08 17.2	21 47.68	-37 19.4	18.7	-1.00	- 1.0	10.8/10.4	47937
2001 TY ₁₄₃	2004 08 17.2	21 47.69	-17 25.7	18.1	-0.90	- 8.1	2.0/16.0	62371
1999 TY ₃₁	2004 08 17.2	21 47.70	-41 25.7	19.7	-1.10	+ 0.6	9.6/09.7	47801
2002 CN ₉₇	2004 08 17.2	21 47.71	-16 51.6	18.0	-0.82	- 5.1	1.2/16.2	29810
2000 YP ₃₅	2004 08 17.2	21 47.72	-44 40.3	20.6	-0.91	- 5.9	8.1/06.0	30439
2000 QF ₁₇₈	2004 08 17.2	21 47.72	-09 15.9	19.1	-1.13	+ 3.5	1.8/18.0	20814
2002 BF ₁	2004 08 17.2	21 47.74	-14 44.8	20.7	-0.96	- 3.6	0.5/16.9	30629
2001 XJ ₆₆	2004 08 17.2	21 47.76	-17 50.4	19.0	-0.96	- 6.9	1.9/15.9	48164
2001 VV ₁₁₈	2004 08 17.2	21 47.79	-31 42.5	18.1	-0.99	- 2.0	8.9/12.4	48155
2003 FX ₁₀₃	2004 08 17.2	21 47.82	-11 28.5	20.5	-0.94	- 4.8	0.7/17.8	47475
2003 AQ ₅₇	2004 08 17.2	21 47.82	+02 04.8	19.3	-1.47	+ 5.6	7.8/19.4	50734
2000 RO ₄₈	2004 08 17.2	21 47.89	-00 21.3	17.3	-0.88	- 1.8	5.2/20.6	47935
2001 QA ₂₈	2004 08 17.3	21 47.84	-13 14.8	18.2	-0.94	- 7.8	0.0/17.3	46540
2001 XN ₆₀	2004 08 17.3	21 47.93	-01 54.2	20.5	-0.86	- 3.2	3.4/20.4	50577
1996 RA ₂₈	2004 08 17.3	21 47.93	-34 08.5	17.7	-1.79	+ 8.3	11.1/14.7	50376
2002 EP ₂₆	2004 08 17.3	21 47.98	-07 59.2	19.6	-0.79	- 3.6	1.7/18.8	48217
2000 QF ₉₅	2004 08 17.3	21 48.06	-09 19.0	18.0	-0.74	- 1.6	2.1/18.4	13695
2000 QP ₁₉₈	2004 08 17.3	21 48.06	-25 29.9	17.5	-1.12	+ 2.9	5.8/14.9	47927
1999 EE ₁₂	2004 08 17.3	21 48.07	-18 07.9	20.7	-0.95	- 6.5	1.7/15.9	47772

2000 QL ₉	2004 08 17.3	21 48.14	-18 01.6	17.4	-0.99	- 0.5	2.1/16.3	30363
2002 CS ₁₅₇	2004 08 17.3	21 48.18	-17 58.7	18.8	-0.89	- 1.7	1.6/16.2	31969
2001 YB ₁₂₁	2004 08 17.3	21 48.23	-21 23.4	19.8	-0.89	- 8.6	2.6/14.8	27796
2002 EW ₁₀₅	2004 08 17.3	21 48.25	-15 12.8	18.9	-0.72	- 6.4	0.6/16.8	33971
2000 RD ₅₇	2004 08 17.3	21 48.25	-07 07.0	20.8	-0.84	- 4.1	2.1/19.1	29294
2000 WD ₁₄₁	2004 08 17.4	21 48.19	-53 32.5	21.0	-1.12	- 3.7	9.0/02.4	12256
2002 CT ₅₈	2004 08 17.4	21 48.23	-02 54.3	19.5	-0.72	- 6.5	3.4/20.7	57850
2000 UC ₅₁	2004 08 17.4	21 48.28	-04 18.4	19.4	-0.73	- 3.8	2.4/20.1	30414
2003 HO ₃	2004 08 17.4	21 48.41	-14 43.9	20.1	-0.79	- 4.2	0.5/17.0	47541
1999 RR ₁₃₃	2004 08 17.4	21 48.42	-04 34.9	19.2	-0.87	- 0.9	3.2/19.6	47792
2000 SQ ₁₂₇	2004 08 17.4	21 48.43	-08 15.8	19.3	-0.80	- 6.0	2.0/19.0	47951
2003 AO ₈₀	2004 08 17.4	21 48.47	-30 13.4	17.3	-1.74	+ 9.4	9.2/15.7	50736
2001 UR ₂₀	2004 08 17.4	21 48.48	-20 33.2	19.5	-0.97	- 6.2	2.7/15.3	46785
2000 YF ₃₈	2004 08 17.4	21 48.51	-30 26.5	19.0	-0.80	- 5.9	5.0/11.9	47998
2003 EA ₃₃	2004 08 17.4	21 48.52	-16 15.6	21.1	-0.98	- 4.4	1.1/16.7	47358
2000 SC ₂₇₇	2004 08 17.4	21 48.54	-40 51.9	19.0	-1.13	- 1.2	11.1/09.1	46495
2001 VR ₁₂₂	2004 08 17.4	21 48.55	-25 50.0	19.8	-1.04	- 6.7	5.5/13.6	23928
1994 RK ₂₆	2004 08 17.4	21 48.58	-13 10.7	18.3	-0.86	- 1.8	0.0/17.5	28939
2000 UU ₉₃	2004 08 17.5	21 48.60	-04 40.4	19.1	-0.88	- 3.2	3.0/19.8	9855
2000 KZ ₁₆	2004 08 17.5	21 48.62	-20 22.8	18.4	-0.91	- 4.6	3.4/15.5	47896
2001 VS ₈₃	2004 08 17.5	21 48.62	-01 29.8	18.8	-0.96	- 4.3	4.6/20.8	48152
2001 UX ₃	2004 08 17.5	21 48.68	-25 53.1	18.7	-0.99	- 4.4	5.1/14.0	48132
2001 UE ₅₁	2004 08 17.5	21 48.70	-12 26.1	17.9	-0.82	-11.0	0.4/17.8	30512
2000 GM ₁₃₉	2004 08 17.5	21 48.71	-19 52.2	20.3	-0.99	- 7.8	2.7/15.5	40094
2001 XR ₉₁	2004 08 17.5	21 48.71	-17 15.6	20.8	-0.99	- 5.1	1.5/16.4	30573
1993 RH ₉	2004 08 17.5	21 48.72	-11 31.0	19.4	-0.97	- 4.7	0.6/18.0	30244
2001 WS ₇₈	2004 08 17.5	21 48.78	-10 32.5	18.0	-0.91	- 5.4	1.2/18.3	61205
2000 QT ₄₄	2004 08 17.5	21 48.84	-19 16.6	18.1	-1.13	+ 0.6	2.5/16.3	27677
1999 TD ₇₄	2004 08 17.5	21 48.84	-19 14.7	20.6	-0.84	- 2.0	1.8/16.0	47804
2002 CT ₁₇₄	2004 08 17.5	21 48.87	-21 52.2	19.6	-0.75	- 4.3	2.3/15.0	48208
2001 ST ₂₉₁	2004 08 17.5	21 48.88	-22 57.6	18.6	-0.95	-11.0	4.4/14.2	25392
2002 CD ₃	2004 08 17.5	21 48.89	-31 52.0	20.6	-0.82	- 4.0	5.0/11.9	30635
2000 RS ₉₄	2004 08 17.5	21 48.94	-08 59.2	17.3	-0.76	- 7.7	1.9/19.0	50487
1999 BG ₄	2004 08 17.5	21 49.00	-15 10.2	20.2	-0.98	- 4.1	0.7/17.1	50402
4112 T-3	2004 08 17.6	21 48.94	-12 38.6	18.8	-0.79	- 7.4	0.2/17.8	27869
2001 XK ₁₀₀	2004 08 17.6	21 48.94	-06 25.1	18.8	-0.99	- 2.3	2.9/19.0	48166
2001 XT ₄₁	2004 08 17.6	21 48.95	-26 16.6	19.8	-1.07	- 2.5	5.5/14.2	50577
2002 EN ₉₇	2004 08 17.6	21 49.02	+01 55.6	19.6	-0.76	- 6.6	4.7/22.5	31981
2000 XD ₆	2004 08 17.6	21 49.07	-06 08.1	17.9	-0.84	- 1.9	2.3/19.5	27756
1999 XV ₄₀	2004 08 17.6	21 49.07	+20 25.2	18.3	-0.75	- 2.0	10.7/28.5	47829
2001 TJ ₁₈₈	2004 08 17.6	21 49.10	-13 33.4	19.8	-0.99	- 4.1	0.1/17.5	46763
2002 CB ₇₀	2004 08 17.6	21 49.13	-15 19.2	19.5	-0.95	- 1.7	0.8/17.1	30650
2659 P-L	2004 08 17.6	21 49.13	-10 21.9	17.5	-0.71	- 7.7	1.5/18.6	48386
2002 AW ₁₇₂	2004 08 17.6	21 49.14	-18 15.7	18.9	-0.95	- 4.0	2.3/16.2	30626
2001 XW ₆₇	2004 08 17.6	21 49.15	-13 45.6	18.7	-0.94	- 6.0	0.2/17.5	50578
1999 TP ₂₄₄	2004 08 17.6	21 49.21	+27 41.9	17.9	-1.02	- 1.9	19.3/31.7	43354
1978 VC ₈	2004 08 17.6	21 49.22	-00 43.0	18.8	-0.98	- 4.0	5.5/21.0	25669
1997 WE ₁₁	2004 08 17.6	21 49.24	-17 51.3	19.1	-0.95	- 4.6	2.2/16.4	25696
2001 XF ₉₃	2004 08 17.6	21 49.25	-20 51.2	20.8	-1.02	- 5.5	2.9/15.5	30573
1999 EC ₇	2004 08 17.6	21 49.25	-08 40.4	19.0	-0.90	- 7.4	1.8/19.0	47771
2001 YT ₁₀₇	2004 08 17.6	21 49.27	-07 43.4	19.3	-0.87	- 4.9	1.8/19.2	27795

2000 SU ₃₁₃	2004 08 17.6	21 49.29 +01 35.6 17.8	-0.98 + 2.3	6.9/21.0	47967
2000 PB ₈	2004 08 17.6	21 49.30 -16 43.3 17.9	-1.10 + 0.4	1.4/16.9	47908
2000 SK ₂₆₉	2004 08 17.6	21 49.31 -15 06.9 17.7	-0.73 - 8.3	0.9/17.0	13775
1999 TR ₁₄₅	2004 08 17.6	21 49.32 -19 37.7 19.0	-0.77 - 3.2	1.8/15.8	30323
2000 FV ₂₈	2004 08 17.6	21 49.32 -13 47.6 20.1	-1.08 - 3.1	0.3/17.5	47872
2001 VB ₅₉	2004 08 17.6	21 49.33 -26 00.6 21.0	-1.01 - 3.6	4.1/14.2	23912
2001 XE ₂₂₇	2004 08 17.6	21 49.34 -34 45.6 19.7	-1.01 - 4.2	7.9/11.3	47062
1998 FK ₁₂₃	2004 08 17.6	21 49.35 -00 07.0 20.5	-0.80 - 6.1	4.1/21.7	50384
2001 XL ₁₉₅	2004 08 17.6	21 49.36 +10 24.0 18.9	-1.06 + 2.3	8.7/22.8	27790
2001 XA ₁₃	2004 08 17.6	21 49.37 -26 54.0 19.6	-1.09 - 1.5	6.0/14.2	46960
2001 SM ₃₁₆	2004 08 17.7	21 49.34 -36 02.2 18.8	-1.16 - 0.5	7.6/12.0	48111
1999 AG ₁₈	2004 08 17.7	21 49.36 -09 32.5 19.3	-1.04 - 2.8	1.5/18.6	23469
1999 CT ₁₃₆	2004 08 17.7	21 49.38 -14 25.4 21.2	-0.94 - 5.9	0.4/17.4	46353
2001 QV ₁₆₃	2004 08 17.7	21 49.40 -06 19.8 18.5	-1.00 - 4.1	3.1/19.5	23662
2000 WU ₁₄₅	2004 08 17.7	21 49.40 -16 41.3 18.1	-0.76 - 8.4	1.0/16.6	30431
1999 TS ₁₄₃	2004 08 17.7	21 49.47 -29 44.1 18.0	-1.05 + 2.1	6.3/14.2	50426
2001 TC ₃₆	2004 08 17.7	21 49.63 -15 03.7 19.0	-1.12 - 2.9	0.9/17.3	26008
1999 TV ₁₁₈	2004 08 17.7	21 49.64 -22 00.5 18.2	-0.81 - 2.4	2.5/15.3	33829
2002 AV ₁₆₅	2004 08 17.7	21 49.65 -09 02.6 19.3	-0.92 - 4.1	1.4/18.9	27816
2000 RB ₃	2004 08 17.7	21 49.66 -29 07.7 18.4	-1.07 - 0.6	5.8/13.8	30377
2000 SP ₃₁₀	2004 08 17.7	21 49.71 +18 06.6 18.5	-0.95 + 0.5	10.8/26.2	50495
2000 SO ₂₉	2004 08 17.7	21 49.75 -12 40.7 18.9	-0.91 - 3.5	0.2/17.9	27702
2001 TA ₁₅₃	2004 08 17.7	21 49.77 -19 24.6 18.9	-1.01 - 6.2	2.5/16.0	23831
2001 QN ₇₃	2004 08 17.7	21 49.78 -46 55.4 19.4	-1.25 - 6.9	11.4/05.7	48051
2003 GB ₃₅	2004 08 17.8	21 49.67 -18 21.1 19.2	-0.86 - 6.0	1.9/16.2	56748
1999 JP ₁₁	2004 08 17.8	21 49.67 -56 04.9 19.3	-1.30 - 4.0	13.7/02.1	47778
2002 AQ ₈₇	2004 08 17.8	21 49.69 -04 14.1 19.6	-0.82 - 4.3	3.0/20.4	50586
1999 TK ₇₃	2004 08 17.8	21 49.71 -22 49.9 19.0	-0.92 - 1.4	3.2/15.3	33098
2001 WT ₈₆	2004 08 17.8	21 49.71 +00 10.1 17.5	-0.77 - 2.5	7.1/21.6	48158
2000 SP ₃₁₇	2004 08 17.8	21 49.73 -01 43.1 18.9	-1.03 + 1.4	4.7/20.3	47967
2000 SC ₁₆₆	2004 08 17.8	21 49.76 -01 35.6 18.5	-0.84 - 2.6	5.1/20.9	23598
2000 QT ₁₁₇	2004 08 17.8	21 49.76 -06 42.4 18.6	-0.82 - 8.4	3.0/19.0	27682
1999 RO ₃₂	2004 08 17.8	21 49.78 -24 44.2 18.5	-0.90 - 2.0	3.2/14.7	33817
2001 TJ ₁₀	2004 08 17.8	21 49.79 -26 56.9 17.5	-0.82 - 5.8	7.4/13.4	23786
2001 VW ₄₅	2004 08 17.8	21 49.80 -22 39.8 19.9	-1.08 - 5.6	4.1/15.1	48150
1999 LW ₃	2004 08 17.8	21 49.84 -27 48.0 17.7	-0.88 -13.2	4.9/12.5	50411
2000 SJ ₁₃₁	2004 08 17.8	21 49.85 +05 36.4 19.1	-0.89 - 2.4	6.6/22.9	47952
1999 AN	2004 08 17.8	21 49.86 -16 18.5 19.3	-0.99 - 4.4	1.1/17.0	47762
2001 VP ₃	2004 08 17.8	21 49.87 -04 02.4 19.8	-0.95 - 5.2	3.7/20.4	46859
2000 SH ₁₂₁	2004 08 17.8	21 49.88 -40 58.5 18.0	-1.16 - 1.7	11.6/09.0	47951
2001 XH ₂₃₃	2004 08 17.8	21 49.95 -04 05.2 19.4	-0.96 - 2.9	3.9/20.2	30588
2002 AG ₁₂₁	2004 08 17.8	21 49.97 -13 25.7 19.0	-0.82 - 2.4	0.1/17.8	47147
2000 SQ ₃	2004 08 17.8	21 49.98 -38 23.2 18.7	-1.09 - 0.9	10.3/11.0	46463
1999 UN	2004 08 17.8	21 50.00 -26 20.6 17.9	-0.83 + 0.3	6.1/14.6	50431
2000 HK ₂₂	2004 08 17.8	21 50.02 -11 33.3 20.4	-0.99 - 5.8	0.6/18.3	19655
2001 SH ₂₄₇	2004 08 17.8	21 50.06 -13 34.1 18.4	-0.88 - 7.4	0.2/17.7	48107
1999 FP ₄	2004 08 17.8	21 50.06 -03 45.0 20.4	-0.91 - 6.5	3.3/20.6	47772
2000 LA ₃₂	2004 08 17.8	21 50.08 +13 42.8 19.4	-1.09 - 0.8	9.4/25.3	47900
2003 AV ₂	2004 08 17.9	21 50.09 +07 45.0 19.1	-1.38 + 3.8	9.9/21.5	43484
1999 UQ ₅₄	2004 08 17.9	21 50.10 -09 28.7 20.7	-0.74 - 4.4	1.1/19.0	47817
2000 SV ₄₃	2004 08 17.9	21 50.11 -26 10.0 19.2	-1.52 + 4.3	5.2/15.7	13744

2002 ER ₉₇	2004 08 17.9	21 50.13 -17 08.5 22.0	-0.84 - 4.5	1.1/16.8	30720
2001 UN ₁₅₃	2004 08 17.9	21 50.14 -29 21.5 18.6	-1.02 - 5.2	7.5/13.0	46839
2000 WH ₁₇₅	2004 08 17.9	21 50.15 -33 45.1 18.2	-0.79 - 5.9	5.0/11.0	31927
2000 QE ₃₁	2004 08 17.9	21 50.20 -24 42.7 18.4	-1.05 - 0.9	4.6/15.1	47912
2003 EQ ₂₂	2004 08 17.9	21 50.28 -12 39.9 18.8	-0.92 - 8.1	0.2/18.1	50750
2000 VT ₃	2004 08 17.9	21 50.31 -04 27.4 19.6	-0.79 - 5.0	2.9/20.5	29497
2002 CU ₂₃₃	2004 08 17.9	21 50.36 -17 47.7 19.3	-0.85 - 1.4	1.5/16.8	48211
2001 XU ₃₄	2004 08 17.9	21 50.37 -24 08.4 18.5	-1.08 - 1.5	4.4/15.3	46970
2001 TX ₂₃	2004 08 17.9	21 50.41 -15 06.6 18.9	-0.99 - 4.2	0.8/17.4	48115
2003 DE ₁₉	2004 08 17.9	21 50.49 -11 17.8 21.0	-0.96 - 4.8	0.6/18.5	47315
2000 QD ₁₆₉	2004 08 18.0	21 50.44 -09 13.7 19.4	-0.88 - 4.4	1.4/19.0	47925
2000 SW ₂₀₆	2004 08 18.0	21 50.45 -17 56.7 18.8	-0.88 - 3.8	1.7/16.6	27716
2001 WQ ₂₄	2004 08 18.0	21 50.46 -04 01.1 20.7	-0.92 - 5.8	3.4/20.6	48156
2002 CY ₁₂₀	2004 08 18.0	21 50.50 -12 20.0 20.9	-0.87 - 7.1	0.3/18.2	48205
2002 AV ₁₂	2004 08 18.0	21 50.51 -15 46.0 19.1	-0.86 - 7.4	1.0/17.2	48184
1999 YX ₅	2004 08 18.0	21 50.52 -23 04.4 17.5	-1.72 + 7.5	5.3/16.8	47837
2001 SV ₂₀₇	2004 08 18.0	21 50.53 -19 59.0 19.5	-1.11 - 3.6	2.8/16.2	46665
2000 RW ₄₈	2004 08 18.0	21 50.54 -24 31.4 17.8	-1.15 + 4.1	5.1/16.0	50486
2000 SP ₂₉₁	2004 08 18.0	21 50.57 -10 22.7 19.3	-0.88 - 3.5	1.0/18.8	30404
2000 SP ₂₉₀	2004 08 18.0	21 50.57 -12 00.3 19.9	-0.92 - 3.6	0.4/18.3	29408
1998 KH ₄₃	2004 08 18.0	21 50.62 +02 17.3 21.8	-0.77 - 6.1	4.3/22.9	47732
2000 RK ₂₅	2004 08 18.0	21 50.62 +04 15.2 18.9	-0.75 - 7.8	7.0/23.9	27027
2000 WR ₁₆₂	2004 08 18.0	21 50.65 -11 54.0 19.5	-0.72 - 6.5	0.3/18.4	47993
2000 WY ₆₂	2004 08 18.0	21 50.71 -27 50.1 19.5	-0.81 - 3.8	3.9/13.6	31924
2001 YX ₁₂₄	2004 08 18.0	21 50.76 -07 48.2 18.2	-1.08 - 0.8	2.5/19.0	30601
2000 SF ₂₅₃	2004 08 18.0	21 50.76 -13 36.5 19.6	-0.86 - 5.3	0.2/17.9	47962
1999 VH ₉₆	2004 08 18.0	21 50.86 -05 58.7 19.8	-0.73 - 4.2	2.1/20.2	30334
2000 WT ₅₅	2004 08 18.1	21 50.85 -04 26.0 17.1	-0.89 + 0.6	2.9/20.1	30426
2000 QB ₇₃	2004 08 18.1	21 50.87 -15 15.1 18.9	-1.01 - 1.1	0.9/17.6	47916
2000 TL ₁₃	2004 08 18.1	21 50.89 -18 34.6 19.5	-0.87 - 3.8	1.8/16.6	30408
2000 SY ₁₉₃	2004 08 18.1	21 50.90 -17 47.0 19.2	-0.90 - 3.3	2.0/16.8	62309
2002 CJ ₉₀	2004 08 18.1	21 50.93 -17 39.5 19.0	-0.83 - 3.0	1.6/16.9	30655
2001 VC ₄₇	2004 08 18.1	21 51.03 +04 05.0 19.1	-0.92 - 2.5	5.6/22.7	30539
2000 QV ₆₃	2004 08 18.1	21 51.10 -21 08.2 18.5	-0.93 - 6.3	3.0/15.7	47915
3132 T-3	2004 08 18.1	21 51.11 -38 09.2 18.8	-0.99 - 1.0	8.4/11.0	2595
2000 QZ ₂₂₅	2004 08 18.1	21 51.15 +02 50.1 18.3	-0.98 + 2.5	7.6/21.3	47930
1997 JH ₃	2004 08 18.1	21 51.16 -01 02.2 19.5	-0.74 - 5.5	3.7/21.9	47712
2001 XJ ₁	2004 08 18.1	21 51.22 -16 59.1 17.6	-0.81 - 9.6	1.8/16.9	46955
2001 XZ ₁₈₅	2004 08 18.1	21 51.24 -01 52.5 19.2	-0.90 - 2.9	4.9/21.2	48170
2001 TL ₄₄	2004 08 18.1	21 51.25 -19 09.7 19.7	-1.03 - 3.6	2.4/16.6	50561
2001 UF ₁₆₈	2004 08 18.1	21 51.28 -18 01.0 17.8	-1.18 0.0	2.3/17.1	30527
1996 RA ₁₀	2004 08 18.2	21 51.17 -15 58.5 20.1	-0.91 - 4.4	1.2/17.4	46329
2001 YO ₇₄	2004 08 18.2	21 51.19 +04 51.6 18.5	-0.92 - 1.4	5.9/22.9	26101
2001 ST ₂₃₁	2004 08 18.2	21 51.24 -24 10.0 17.5	-0.94 - 1.7	6.2/15.3	48105
1999 RV ₁₄	2004 08 18.2	21 51.25 -11 33.9 18.3	-0.78 - 4.3	0.5/18.6	47787
2001 YU ₆₇	2004 08 18.2	21 51.25 -30 06.6 20.6	-0.92 - 6.3	5.4/12.8	50583
2003 EO ₂₀	2004 08 18.2	21 51.32 -09 00.7 20.2	-0.93 - 7.1	1.5/19.4	50749
2000 QP ₁₄	2004 08 18.2	21 51.33 -15 18.8 18.2	-0.88 - 5.8	1.0/17.6	30363
2001 TD ₃₇	2004 08 18.2	21 51.33 -23 28.5 18.5	-1.08 - 2.4	4.5/15.5	46711
2001 XS ₁₃₆	2004 08 18.2	21 51.34 -07 25.6 19.5	-0.89 - 4.6	2.1/19.8	50579
1999 TP ₂₁	2004 08 18.2	21 51.35 -37 11.5 18.9	-0.94 - 3.2	8.2/10.5	40380