
The MINOR PLANET CIRCULARS/MINOR PLANETS AND COMETS are published, on behalf of
 Commission 20 of the International Astronomical Union, usually in batches
 on or near the date of each full moon, by:
 Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
 IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
 MPC@CFA.HARVARD.EDU (science)
 Phone 617-495-7244/7444/7440/7273 (for emergency use only).
 World-Wide Web address <http://cfa-www.harvard.edu/iau/mpc.html> ISSN 0736-6884
 Brian G. Marsden, Director Gareth V. Williams, Associate Director
 Timothy B. Spahr, NEO Technical Specialist
 Syuichi Nakano, Andreas Doppler and Kyle E. Smalley, Associates
 © Copyright 2003 Minor Planet Center Prepared using the Tamkin Foundation Computer Network

EDITORIAL NOTICE

Contributors of perturbed orbital elements are advised that use of the Epoch 2003 Dec. 27.0 TT (rather than 2003 June 10.0 TT) will become effective *after* the next batch of *MPCs*.

The 28th and final flight of Columbia (STS-107) was a 16-day mission dedicated to research in physical, life and space sciences. The seven astronauts aboard Columbia worked 24 hours a day, in two alternating shifts, successfully conducting approximately 80 separate experiments. On 2003 Feb. 1, the Columbia and its crew were lost over the southern United States during the spacecraft's re-entry into the earth's atmosphere. The namings, given on *MPC* 49283, of the minor planets (51823)-(51829) are dedicated to the final crew of the space shuttle Columbia.

The following resolutions concerning minor planet names were adopted by the CSBN at the IAU General Assembly in Sydney on July 16 and 18:

(1) The CSBN recognizes the need to limit the number of minor planets named and requests individual discoverers and teams to propose no more than two names each two months (i.e., to correspond to the timescale generally adopted for the publication of new names in the *MPCs*).

(2) Names honoring persons, companies or products for no more than success in business are discouraged. Names or citations that resemble advertising will not be accepted.

The membership of the CSBN for 2003-2006 is M. F. A'Hearn (U.S.A.), K. Aksnes (Norway), J. Fernández (Uruguay), P. M. Kilmartin (New Zealand), Y. Kozai (Japan), D. Lazzaro (Brazil), B. G. Marsden (U.S.A.), L. D. Schmadel (Germany), V. A. Shor (Russia), J. Tichá (Czech Republic; Chair), R. M. West (Denmark), G. V. Williams (U.S.A.), I. P. Williams (U.K.), D. K. Yeomans (U.S.A.) and J. Zhu (China). The director of the Central Bureau for Astronomical Telegrams, D. W. E. Green (U.S.A.), also serves as a member for matters concerning comets. The CSBN webpage is www.ss.astro.umd.edu/IAU/csbn/.

A further resolution of some relevance to *MPC* readers adopted in Sydney reads:

With the agreement of the WGPSN, the CSBN will assume responsibility for the naming of satellites of minor planets. Expanding on past practice, satellites of minor planets shall, where possible and appropriate, receive names closely related to the names of the primaries and suggestive of the relative sizes. For example, binary TNOs of comparable size should receive names of twins or siblings consistent with the current principle of using names of creation or underworld gods.

ERRATA

<i>MPC</i>	Line	
30852	21	<i>For H 14.2 read H 14.0</i>
30852	-27	<i>For H 13.2 read H 13.0</i>
41371	25	<i>For Fritz von der Heide read Fritz Heide</i>
46081	4	<i>For pf read of</i>
48159	43	<i>Add The citation was prepared by I. Bogdanov.</i>
48633	-30 to -26	<i>The header should read:</i>
		303 Mérida
		I. Ferrin, Center for Theoretical Astrophysics, University of the Andes, Mérida VE-5101, Venezuela [ferrin@ula.ve]
		Observers I. Ferrin, C. Leal
		1.0-m <i>f</i> /3 Schmidt + CCD
		USNO-SA2.0
49097	-49	<i>For Tokyo's Gakugei University read Tokyo Gakugei University</i>
49097	-37	<i>For professor of education at Aichi University read professor at Aichi University of Education</i>
49101	-49	<i>For (18624) Prevert read (18624) Prévert</i>
49101	-47	<i>For Jacques Prevert read Jacques Prévert</i>

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 49221. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
A34	10.7911	0.64944	+0.75793	Grosshabersdorf
E21	151.5667	0.8838	-0.4665	Norma Rose Observatory
G73	241.9400	0.82804	+0.55925	Mount Wilson-TIE
G88	247.8881	0.83064	+0.55514	LAMP Observatory, New River
H33	264.1217	0.80990	+0.58466	Bixhoma Observatory, Bixby
H36	264.2936	0.78043	+0.62323	Sandlot Observatory, Scranton
H39	266.6828	0.70944	+0.70247	S.O.S. Observatory, Minneapolis

H40 266.7306 0.82519 +0.56302 Nubbin Ridge Observatory
 H44 267.7982 0.81880 +0.57220 Cascade Mountain

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 026 Berne-Zimmerwald. Observer M. Ploner. 1.0-m $f/4$ reflector + CCD.
 046 Kleť. Observers J. Tichá, M. Tichý, M. Kočer. 0.57-m $f/5.2$ reflector + CCD.
 048 Hradec Králové. Observers M. Lehký, D. Hanzl. 0.40-m $f/5$ reflector + CCD.
 056 Skalnaté Pleso. Observers P. Rychtarčík, M. Husarik, M. Kamenicky, G. Červák, M. Jakubik. 0.3-m $f/5$ astrograph.
 084 Pulkovo. Observers A. V. Devyatkin, D. L. Gorshanov, V. V. Kouprianov, M. Yu. Sidorov. Measurers A. V. Devyatkin, G. D. Baturina, A. V. Lemeseva, N. V. Mikhailova. 0.32-m $f/3.2$ reflector + CCD.
 097 Wise Observatory, Mitzpeh Ramon. Observer D. Polishook. 1.0-m $f/7$ reflector + CCD.
 106 Crni Vrh. Observer H. Mikuž. 0.60-m $f/3.3$ Deltagraph + CCD.
 107 Cavezzo. Observers M. Nicolini, P. Negrelli. 0.4-m $f/5.5$ reflector + CCD.
 108 Montelupo. Observers M. Tombelli, E. Masotti, M. Gherardini, C. Pampaloni. Measurers M. Tombelli, L. Tesi, S. Bartolini, G. Forti, M. Gherardini. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD.
 118 Modra. Observers Š. Gajdoš, J. Világi, A. Galád, L. Kornoš. 0.6-m $f/5.5$ reflector + CCD.
 127 Bornheim. Observer N. Ehring. 0.30-m $f/3.2$ reflector + CCD.
 130 Lumezzane. Observers M. Damiani, S. Foglia, W. Marinello, M. Micheli, C. Cremaschini, G. Pizzetti. 0.40-m $f/4.5$ reflector + CCD.
 151 Eschenberg Observatory, Winterthur. Observer M. Griesser. 0.40-m $f/5.8$ Hypergraph + CCD.
 162 Potenza. Observer A. M. Giambersio. 0.20-m $f/6.3$ reflector + CCD.
 170 Observatorio de Begues. Observer J. Manteca. 0.31-m $f/6.3$ Schmidt-Cassegrain + CCD.
 176 Observatori Astronomic de Consell. Observers À. López, R. Pacheco. 0.41-m reflector + CCD, 0.2-m $f/3.3$ Schmidt-Cassegrain + CCD.
 185 Vicques. Observers M. Ory, F. Pedrocchi. 0.61-m $f/4.08$ reflector + CCD.
 198 Wildberg. Observer R. Apitzsch. 0.235-m Schmidt-Cassegrain + CCD.
 201 Jonathan B. Postel Observatory. Observer V. Pozzoli. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
 204 Schiaparelli Observatory. Observers L. Buzzi, A. Aletti, S. Di Filippo. 0.60-m $f/4.64$ Newtonian + CCD.
 212 Observatorio La Dehesilla. Observer I. Almendros. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
 213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/5.5$ Schmidt-Cassegrain + CCD.
 215 Buchloe. Observer W. Hasubick. 0.44-m $f/4.6$ reflector + CCD.
 232 Masquefa Observatory. Observer E. Reina. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
 233 San Vito. Observer S. Donati. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
 235 CAST Observatory, Talmassons. Observers R. Ligustri, V. Savani, P. Beltrame, G. Degano. 0.35-m $f/5$ reflector + CCD.
 246 Kleť Observatory-KLENOT. Observers M. Tichý, M. Kočer, J. Tichá. 1.06-m KLENOT Telescope + CCD.
 249 SOHO. SOHO-LASCO coronagraph C2. Measurements by D. Hammer, reduction by B. G. Marsden.
 291 LPL/Spacewatch II. Observer J. V. Scotti. 1.8-m $f/2.7$ reflector + CCD.
 322 Perth Observatory, Bickley-MCT. Observers G. Lowe, J. Biggs. 0.25-m $f/4.5$ Newtonian + CCD.
 333 Desert Eagle Observatory. Observer W. K. Y. Yeung. 0.45-m $f/3$ Schmidt-Cassegrain + CCD.
 340 Toyonaka. Observer Y. Ezaki. 0.30-m $f/6$ reflector + CCD.
 342 Shishikui. Observer H. Maeno. 0.15-m $f/5.0$ reflector + 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.
 372 Geisei. Observer T. Seki. 0.60-m $f/3.5$ reflector.
 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
 413 Siding Spring. Observers G. J. Garradd, R. H. McNaught, S. Nakano. 1.0-m $f/8$ reflector + CCD.
 428 Reedy Creek. Observer J. Broughton. 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD.
 442 Gualba Observatory. Observer A. Sanchez. 0.31-m $f/3.3$ Schmidt-Cassegrain + CCD.
 445 Observatori d'Ontinyent. Observer M. Camarasa. 0.20-m $f/7.2$ Schmidt-Cassegrain + CCD.
 448 Desert Moon Observatory. Observer B. L. Stevens. 0.3-m Schmidt-Cassegrain + CCD.
 458 Guadarrama Observatory. Observer D. Rodriguez. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
 461 JATE Asteroid Survey, Piskéstető Stn. (Konkoly). Observers K. Sárneczky, B. Sipőcz. 0.60-m Schmidt + CCD.
 504 Le Creusot. Observers J.-C. Merlin, M. Boudot. 0.40-m $f/5$ reflector + CCD.
 557 Ondřejov. Observers P. Kušnirák, L. Šarounová. 0.65-m $f/3.6$ reflector + CCD.
 568 Mauna Kea. Observers J. Pittichova. K. J. Meech. Measurers J. Pittichova, J. Bedient. 2.2-m University of Hawaii reflector + CCD.
 587 Sormano. Observers M. Cavagna, P. Sicoli. Measurer F. Manca. 0.5-m reflector + CCD.
 598 Loiano. Observers M. M. M. Santangelo, F. Ciabattari. 1.52-m $f/8$ reflector + CCD.
 599 Campo Imperatore-CINEOS. Observers A. Boattini, A. Di Paola, N. Napoleone, E. Palomba. 0.60-m $f/3$ Schmidt + CCD.
 608 Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, P. Kervin, J. Africano, R. Maeda, R. Bamberg, E. Helin. 1.2-m reflector + CCD.
 616 Brno. Observers M. Lehký, K. Hornoch, D. Hanzl. 0.62-m $f/4.5$ reflector + CCD.
 619 Sabadell. Observers R. Josa, L. Xifra, R. Casas, M. Bella, J. Sabate. 0.50-m $f/4$ reflector.
 620 Observatorio Astronómico de Mallorca. Observers S. Sanchez, R. Stoss, J. Nomen. 0.30-m $f/9$ Schmidt-Cassegrain + CCD.

- 636 Essen. Observers A. Knöfel, T. Payer, M. Fröhlich. 0.32-m $f/5.7$ reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, E. Helin, S. Pravdo, M. Hicks, K. Lawrence, R. Thicksten. 1.2-m Schmidt + CCD.
- 649 Powell Observatory, Louisburg. Observers R. Fredrick, R. Trentman. 0.3-m Schmidt Cassegrain + CCD, 0.75-m Newtonian + CCD.
- 651 Grasslands Observatory, Tucson. Observer J. E. McGaha. 0.62-m $f/5.1$ Newtonian + CCD.
- 671 Stony Ridge. Observers S. C. Brewster, J. E. Rogers, P. Sable. 0.76-m $f/6$ reflector + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observer J. Young. 0.6-m reflector + CCD.
- 675 Palomar Mountain. Observer P. Weissman. Measurer M. Williams. 1.5-m $f/8.75$ reflector + CCD.
- 695 Kitt Peak. Observers S. Lowry, S. Edgar. Measurers M. Williams, P. Weissman. 3.8-m reflector + CCD, 3.6-m WIYN reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers B. W. Koehn, B. A. Skiff, M. E. Van Ness, G. H. Bliss. 0.59-m LONEOS Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, S. Adams, D. Torres, T. Brothers, S. Partridge. Measurers J. Stuart, R. Sayer, J. Evans, P. Hopman. 1.0-m $f/2.15$ reflector + CCD.
- 762 Four Winds Observatory, Lake Leelanau. Observer R. Elliott. 0.3-m $f/10$ reflector + CCD.
- 785 Fitz-Randolph Observatory, Princeton. Observers H. Ashley, J. Maffei, A. J. Willman. 0.91-m $f/13.6$ Cassegrain + CCD.
- 807 Cerro Tololo. Observers J. Espinoza, D. Gonzalez. Measurers V. Korchagin, T. Girard. 1.0-m $f/10$ reflector + CCD.
- 809 European Southern Observatory, La Silla. Observers H. Boehnhardt, A. D'Alessandro, R. Behrend. Measurers K. Birkle, R. Behrend. 3.5-m New Technology Telescope + CCD, 1.20-m $f/10$ Cassegrain + CCD.
- 834 Buenos Aires-AAAA. Observers R. Mackintosh, R. Caprio, P. Kelis. Measurer R. Mackintosh. 0.25-m $f/6.3$ reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observer D. T. Durig. 0.3-m $f/5.75$ Schmidt-Cassegrain + CCD.
- 854 Sabino Canyon Observatory, Tucson. Observer J. E. McGaha. 0.30-m $f/10.0$ Schmidt-Cassegrain + CCD.
- 859 Wykrota Observatory-CEAMIG. Observer C. Jacques. 0.30-m $f/3$ Schmidt-Cassegrain + CCD.
- 860 Valinhos. Observers P. R. Holvorcem, M. Fidêncio Neto. 0.36-m $f/3.6$ 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.
- 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 $f/3.3$ Schmidt-Cassegrain + CCD.
- 947 Saint-Sulpice. Observer B. Christophe. 0.60-m $f/5.6$ reflector + CCD.
- 966 Church Stretton. Observer S. P. Laurie. 0.35-m Schmidt-Cassegrain + CCD.
- 970 Chelmsford. Observer N. D. James. 0.30-m $f/5.25$ reflector + 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. Salto, A. Salto. 0.25-m $f/3.7$ Schmidt-Cassegrain + CCD.
- A03 Torredembarra. Observer J. Moreno. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- A18 Herne. Observer B. Brinkmann. 0.2-m $f/5.8$ Schmidt-Cassegrain + CCD.
- A30 Crespadoro. Observer S. Valentini. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- A32 Panker. Observer H. Denzau. 0.36-m Schmidt-Cassegrain $f/5.5$ + CCD.
- A35 Hormersdorf Observatory. Observer J. Lorenz. 0.3-m $f/6$ reflector + CCD.
- A46 Lelekovice. Observer K. Hornoch. 0.35-m $f/4.7$ reflector + CCD.
- A50 Andrushivka Astronomical Observatory. Observers G. Butenko, O. Gerashchenko, V. Lokot, Y. Ivashchenko. 0.6-m reflector + CCD.
- E14 Ngannaw. Observer D. Higgins. 0.25-m $f/3.4$ Schmidt-Cassegrain + CCD.
- H36 Sandlot Observatory, Scranton. Observer G. Hug. 0.3-m $f/6$ reflector + CCD.
- H41 Petit Jean Mountain. Observer P. C. Sherrod. 0.41-m $f/3.7$ Schmidt-Cassegrain + CCD.
- H44 Cascade Mountain. Observer B. M. Sherrod. 0.41-m $f/4.5$ reflector + CCD.
- H72 Evelyn L. Egan Observatory, Fort Myers. Observers M. Fauerbach, M. Mon. 0.40-m $f/5.3$ reflector + CCD.
- I31 Observatorio Astronómico del Colegio Cristo Rey. Observers G. Mazalan, V. A. Buso. 0.28-m $f/3.4$ reflector.
- J87 La Cañada. Observer J. Lacruz. 0.30-m $f/3.3$ 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/1999 U4 (Catalina-Skiff)							
C/1999 U4	2003 06 05.54608		12 33 51.04	+32 22 06.5	17.2	T	360
C/1999 U4	2003 06 05.55054		12 33 51.02	+32 22 04.9			360
C/1999 U4	2003 06 09.88558		12 33 26.60	+31 47 53.6	18.0	T	213
C/1999 U4	2003 06 19.14921		12 33 15.03	+30 33 05.4	17.3	T	H41
C/1999 U4	2003 06 19.16115		12 33 14.97	+30 32 51.5	17.3	T	H41
C/1999 U4	2003 06 22.18756		12 33 22.56	+30 08 01.0	17.5	T	H41
C/1999 U4	2003 06 23.13538		12 33 26.22	+30 00 13.8	17.6	T	H41
C/1999 U4	2003 06 28.14490		12 33 53.14	+29 18 41.8	18.0	T	H41
C/1999 U4	2003 06 28.15243		12 33 53.25	+29 18 38.0	18.1	T	H41
C/1999 U4	2003 06 29.20060		12 34 00.71	+29 09 56.0	18.2	T	699
C/1999 U4	2003 06 29.21742		12 34 00.80	+29 09 48.8			699
C/1999 U4	2003 06 29.23436		12 34 00.88	+29 09 40.3			699
C/1999 U4	2003 06 29.25122		12 34 01.06	+29 09 33.1			699
C/2000 SV₇₄ (LINEAR)							
C/2000 SV ₇₄	2003 06 03.89282		13 08 55.43	+36 31 51.1			048
C/2000 SV ₇₄	2003 06 03.89429		13 08 55.39	+36 31 50.8			048
C/2000 SV ₇₄	2003 06 03.89576		13 08 55.36	+36 31 49.5			048
C/2000 SV ₇₄	2003 06 03.89876		13 08 55.35	+36 31 48.3			048
C/2000 SV ₇₄	2003 06 03.90465		13 08 55.15	+36 31 43.7			048
C/2000 SV ₇₄	2003 06 04.90366		13 08 23.58	+36 19 34.6			A46
C/2000 SV ₇₄	2003 06 04.90513		13 08 23.55	+36 19 33.1			A46
C/2000 SV ₇₄	2003 06 04.90660		13 08 23.30	+36 19 32.8			A46

C/2000 SV ₇₄	2003 06 04.90807	13 08 23.22	+36 19 31.7		A46
C/2000 SV ₇₄	2003 06 04.90954	13 08 23.21	+36 19 30.5		A46
C/2000 SV ₇₄	2003 06 04.91102	13 08 23.17	+36 19 29.0		A46
C/2000 SV ₇₄	2003 06 04.91248	13 08 23.18	+36 19 27.7		A46
C/2000 SV ₇₄	2003 06 04.91395	13 08 23.06	+36 19 27.3		A46
C/2000 SV ₇₄	2003 06 04.91542	13 08 23.09	+36 19 25.5		A46
C/2000 SV ₇₄	2003 06 04.91688	13 08 22.95	+36 19 24.5		A46
C/2000 SV ₇₄	2003 06 05.53119	13 08 04.15	+36 11 56.4	15.3 T	360
C/2000 SV ₇₄	2003 06 05.53367	13 08 04.09	+36 11 54.5		360
C/2000 SV ₇₄	2003 06 07.91387	13 06 55.30	+35 42 43.7	16.6 N	213
C/2000 SV ₇₄	2003 06 07.91625	13 06 55.24	+35 42 42.7	16.6 N	213
C/2000 SV ₇₄	2003 06 07.91888	13 06 55.17	+35 42 41.3	16.6 N	213
C/2000 SV ₇₄	2003 06 08.12503	13 06 49.47	+35 40 07.4	16.2 T	H41
C/2000 SV ₇₄	2003 06 08.12729	13 06 49.45	+35 40 05.0	16.2 T	H41
C/2000 SV ₇₄	2003 06 09.22846	13 06 19.94	+35 26 29.5	16.4 T	H41
C/2000 SV ₇₄	2003 06 09.23104	13 06 19.87	+35 26 28.1	16.4 T	H41
C/2000 SV ₇₄	2003 06 09.89043	13 06 02.91	+35 18 20.0		048
C/2000 SV ₇₄	2003 06 09.89334	13 06 02.86	+35 18 17.0		048
C/2000 SV ₇₄	2003 06 09.89481	13 06 02.85	+35 18 16.9		048
C/2000 SV ₇₄	2003 06 09.89627	13 06 02.83	+35 18 15.0		048
C/2000 SV ₇₄	2003 06 09.89919	13 06 02.83	+35 18 13.4		048
C/2000 SV ₇₄	2003 06 10.21528	13 05 54.81	+35 14 20.7	17.6 T	704
C/2000 SV ₇₄	2003 06 10.22563	13 05 54.72	+35 14 12.3	18.1 T	704
C/2000 SV ₇₄	2003 06 10.23579	13 05 54.42	+35 14 03.8	18.3 T	704
C/2000 SV ₇₄	2003 06 10.24590	13 05 54.16	+35 13 55.5	18.1 T	704
C/2000 SV ₇₄	2003 06 11.88454	13 05 14.85	+34 53 37.8	16.4 N	442
C/2000 SV ₇₄	2003 06 11.92157	13 05 14.08	+34 53 09.9	16.4 N	442
C/2000 SV ₇₄	2003 06 16.86544	13 03 33.25	+33 51 28.0	16.9 T	213
C/2000 SV ₇₄	2003 06 16.87024	13 03 33.16	+33 51 25.0	16.9 T	213
C/2000 SV ₇₄	2003 06 16.87193	13 03 33.13	+33 51 24.2	16.9 T	213
C/2000 SV ₇₄	2003 06 20.17688	13 02 40.15	+33 10 02.6	17.8 T	704
C/2000 SV ₇₄	2003 06 20.18673	13 02 39.91	+33 09 53.5	18.0 T	704
C/2000 SV ₇₄	2003 06 20.21643	13 02 39.40	+33 09 31.8	18.0 T	704
C/2000 SV ₇₄	2003 06 20.93837	13 02 29.32	+33 00 28.9	16.6 N	939
C/2000 SV ₇₄	2003 06 20.94596	13 02 29.20	+33 00 22.8	16.6 N	939
C/2000 SV ₇₄	2003 06 20.95370	13 02 29.08	+33 00 16.8	16.6 N	939
C/2000 SV ₇₄	2003 06 21.88403	13 02 16.88	+32 48 36.2	17.1 N	215
C/2000 SV ₇₄	2003 06 21.88468	13 02 16.80	+32 48 36.5	17.2 N	215
C/2000 SV ₇₄	2003 06 21.88519	13 02 16.87	+32 48 35.8	16.9 N	215
C/2000 SV ₇₄	2003 06 21.94459	13 02 15.98	+32 47 52.2	16.5 N	939
C/2000 SV ₇₄	2003 06 21.95221	13 02 15.97	+32 47 46.1	16.5 N	939
C/2000 SV ₇₄	2003 06 21.95987	13 02 15.94	+32 47 40.0	16.5 N	939
C/2000 SV ₇₄	2003 06 22.19557	13 02 12.92	+32 44 41.6	16.4 T	H41
C/2000 SV ₇₄	2003 06 22.88833	13 02 04.59	+32 36 02.2	16.8 T	213
C/2000 SV ₇₄	2003 06 22.88933	13 02 04.49	+32 36 01.6	16.8 T	213
C/2000 SV ₇₄	2003 06 22.89032	13 02 04.46	+32 36 00.0	16.9 T	213
C/2000 SV ₇₄	2003 06 23.14229	13 02 01.57	+32 32 49.1	16.9 T	H41
C/2000 SV ₇₄	2003 06 23.14551	13 02 01.52	+32 32 47.0	16.9 T	H41
C/2000 SV ₇₄	2003 06 25.13874	13 01 40.43	+32 07 48.6	15.6 T	H41
C/2000 SV ₇₄	2003 06 25.14465	13 01 40.41	+32 07 44.6	15.7 T	H41
C/2000 SV ₇₄	2003 06 27.19948	13 01 22.50	+31 42 03.5	16.8 T	H41
C/2000 SV ₇₄	2003 06 28.16470	13 01 15.53	+31 29 58.5	16.8 T	H41
C/2000 SV ₇₄	2003 06 29.15775	13 01 09.11	+31 17 34.9	16.8 T	H41

C/2000 SV ₇₄	2003 06 29.91015	13 01 04.96	+31 08 14.1	16.6 N	J97
C/2000 SV ₇₄	2003 06 29.91440	13 01 04.89	+31 08 10.0	16.7 N	J97
C/2000 SV ₇₄	2003 06 29.94722	13 01 04.60	+31 07 45.2	16.5 N	212
C/2000 SV ₇₄	2003 06 29.95376	13 01 04.85	+31 07 41.4	16.5 N	212
C/2000 SV ₇₄	2003 06 30.15038	13 01 03.57	+31 05 11.2	16.7 T	H41
C/2000 SV ₇₄	2003 07 01.92604	13 00 56.00	+30 43 08.6	16.5 T	939
C/2000 SV ₇₄	2003 07 01.92980	13 00 56.01	+30 43 06.0	16.6 T	939
C/2000 SV ₇₄	2003 07 01.93737	13 00 56.00	+30 43 00.3	16.5 T	939
C/2000 SV ₇₄	2003 07 02.14008	13 00 55.22	+30 40 27.3	16.8 T	H41
C/2000 SV ₇₄	2003 07 02.14473	13 00 55.17	+30 40 24.1	16.9 T	H41
C/2000 SV ₇₄	2003 07 02.18512	13 00 54.97	+30 39 55.2		762
C/2000 SV ₇₄	2003 07 02.19697	13 00 55.01	+30 39 46.5	16.0 N	762
C/2000 SV ₇₄	2003 07 02.20833	13 00 54.98	+30 39 37.7		762
C/2000 SV ₇₄	2003 07 04.98958	13 00 48.96	+30 05 14.2	16.6 N	212
C/2000 SV ₇₄	2003 07 04.99236	13 00 48.85	+30 05 08.0	16.5 N	212
C/2000 SV ₇₄	2003 07 07.88061	13 00 49.46	+29 29 32.7	16.7 N	213
C/2000 SV ₇₄	2003 07 07.88419	13 00 49.09	+29 29 34.2	16.6 N	213
C/2000 SV ₇₄	2003 07 11.89755	13 01 00.06	+28 40 33.8		118
C/2000 SV ₇₄	2003 07 11.90696	13 01 00.10	+28 40 26.4		118
C/2000 SV ₇₄	2003 07 11.91624	13 00 59.98	+28 40 19.6	17.5 N	118
C/2000 SV ₇₄	2003 07 16.13265	13 01 23.86	+27 49 28.1	16.3 T	H41
C/2000 SV ₇₄	2003 07 17.88911	13 01 37.35	+27 28 31.3	16.7 N	442
C/2000 SV ₇₄	2003 07 17.89367	13 01 37.35	+27 28 27.0	16.7 N	442
C/2000 SV ₇₄	2003 07 18.06719	13 01 38.92	+27 26 21.9	17.7 T	H72
C/2000 SV ₇₄	2003 07 18.07035	13 01 38.88	+27 26 20.7	18.4 T	H72
C/2000 SV ₇₄	2003 07 18.07394	13 01 38.94	+27 26 17.6	18.4 T	H72
C/2000 SV ₇₄	2003 07 18.07751	13 01 38.83	+27 26 14.8	18.4 T	H72
C/2000 SV ₇₄	2003 07 18.88676	13 01 45.87	+27 16 37.4	16.9 T	939
C/2000 SV ₇₄	2003 07 18.89442	13 01 45.98	+27 16 30.5	17.0 T	939
C/2000 SV ₇₄	2003 07 18.90201	13 01 46.06	+27 16 22.6	17.0 T	939
C/2000 SV ₇₄	2003 07 27.87370	13 03 29.85	+25 31 35.2	17.2 N	118
C/2000 SV ₇₄	2003 07 27.88260	13 03 29.95	+25 31 29.5	17.3 N	118
C/2000 SV ₇₄	2003 07 27.88382	13 03 29.89	+25 31 28.2	15.8 N	213
C/2000 SV ₇₄	2003 07 27.88646	13 03 30.09	+25 31 25.5	15.8 N	213
C/2000 SV ₇₄	2003 07 27.88935	13 03 30.03	+25 31 24.9	15.8 N	213
C/2000 SV ₇₄	2003 07 28.91795	13 03 44.31	+25 19 38.1	16.6 T	A02
C/2000 SV ₇₄	2003 07 28.92247	13 03 44.50	+25 19 35.9	16.7 T	A02
C/2000 SV ₇₄	2003 07 28.92698	13 03 44.66	+25 19 33.3	16.7 T	A02
C/2000 SV ₇₄	2003 08 01.86238	13 04 46.68	+24 34 53.6	16.0 N	213
C/2000 SV ₇₄	2003 08 01.86491	13 04 46.76	+24 34 51.9	16.0 N	213
C/2000 SV ₇₄	2003 08 01.86733	13 04 46.76	+24 34 49.3	16.0 N	213
C/2000 SV ₇₄	2003 08 02.86626	13 05 03.76	+24 23 36.8	17.5 T	215
C/2000 SV ₇₄	2003 08 02.86731	13 05 03.81	+24 23 35.4	17.4 T	215
C/2000 SV ₇₄	2003 08 03.85322	13 05 20.59	+24 12 36.9	16.8 N	442

C/2000 WM₁ (LINEAR)

C/2000 WM ₁	2003 06 05.65261	18 07 28.92	+42 22 27.1	20.6 T	1 360
C/2000 WM ₁	2003 06 05.65858	18 07 28.65	+42 22 29.1		1 360
C/2000 WM ₁	2003 06 05.66611	18 07 28.21	+42 22 29.2		1 360
C/2000 WM ₁	2003 07 25.95878	17 31 39.75	+41 37 59.8	19.2 N	442
C/2000 WM ₁	2003 07 25.96490	17 31 39.62	+41 37 50.7	19.1 N	442

2003 AUG. 6

M.P.C. 49225

C/2001 HT ₅₀ (LINEAR-NEAT)				
C/2001 HT ₅₀	2003 03 28.75810	05 48 51.89	+08 15 42.8	084
C/2001 HT ₅₀	2003 03 30.77380	05 47 12.40	+08 32 08.7	084
C/2001 HT ₅₀	2003 04 02.76856	05 44 58.00	+08 55 45.6	084
C/2001 HT ₅₀	2003 04 06.77678	05 42 21.64	+09 25 53.0	084
C/2001 HT ₅₀	2003 04 11.78405	05 39 40.77	+10 01 15.0	084
C/2001 HT ₅₀	2003 04 12.78660	05 39 12.82	+10 08 02.5	084
C/2001 HT ₅₀	2003 08 03.76020	05 40 28.58	+16 54 11.6	349
C/2001 HT ₅₀	2003 08 03.76242	05 40 28.54	+16 54 12.0	349
C/2001 HT ₅₀	2003 08 03.78049	05 40 28.35	+16 54 14.6	349
C/2001 HT ₅₀	2003 08 03.78176	05 40 28.37	+16 54 14.7	349
C/2001 HT ₅₀	2003 08 04.07522	05 40 25.62	+16 54 46.0	048
C/2001 HT ₅₀	2003 08 04.07751	05 40 25.61	+16 54 46.5	048
C/2001 HT ₅₀	2003 08 05.06650	05 40 15.60	+16 56 35.0	048
C/2001 HT ₅₀	2003 08 05.06726	05 40 15.58	+16 56 35.1	048
C/2001 HT ₅₀	2003 08 05.06801	05 40 15.54	+16 56 35.7	048
C/2001 HT ₅₀	2003 08 05.07028	05 40 15.48	+16 56 36.0	048
C/2001 HT ₅₀	2003 08 05.07104	05 40 15.48	+16 56 35.9	048

13.6 T

C/2001 K5 (LINEAR)				
C/2001 K5	2003 06 04.00281	18 58 44.20	+52 35 37.9	048
C/2001 K5	2003 06 04.00507	18 58 44.12	+52 35 38.9	048
C/2001 K5	2003 06 04.00581	18 58 44.05	+52 35 39.0	048
C/2001 K5	2003 06 04.00656	18 58 44.02	+52 35 39.4	048
C/2001 K5	2003 06 04.00957	18 58 43.94	+52 35 41.5	048
C/2001 K5	2003 06 04.01032	18 58 43.94	+52 35 41.3	048
C/2001 K5	2003 06 04.01108	18 58 43.89	+52 35 42.2	048
C/2001 K5	2003 06 04.01183	18 58 43.92	+52 35 42.4	048
C/2001 K5	2003 06 04.01259	18 58 43.85	+52 35 43.3	048
C/2001 K5	2003 06 04.01334	18 58 43.83	+52 35 43.2	048
C/2001 K5	2003 06 04.94971	18 58 13.33	+52 44 36.3	A46
C/2001 K5	2003 06 04.95082	18 58 13.28	+52 44 36.4	A46
C/2001 K5	2003 06 04.95196	18 58 13.27	+52 44 37.1	A46
C/2001 K5	2003 06 04.95308	18 58 13.26	+52 44 38.1	A46
C/2001 K5	2003 06 04.95420	18 58 13.18	+52 44 38.8	A46
C/2001 K5	2003 06 04.95534	18 58 13.17	+52 44 39.4	A46
C/2001 K5	2003 06 04.95647	18 58 13.14	+52 44 40.0	A46
C/2001 K5	2003 06 04.95762	18 58 13.09	+52 44 40.6	A46
C/2001 K5	2003 06 04.95874	18 58 13.04	+52 44 41.4	A46
C/2001 K5	2003 06 04.95987	18 58 13.03	+52 44 42.2	A46
C/2001 K5	2003 06 04.96100	18 58 12.98	+52 44 42.2	A46
C/2001 K5	2003 06 04.96213	18 58 12.95	+52 44 42.9	A46
C/2001 K5	2003 06 04.96325	18 58 12.90	+52 44 43.5	A46
C/2001 K5	2003 06 04.96437	18 58 12.85	+52 44 44.5	A46
C/2001 K5	2003 06 04.96550	18 58 12.84	+52 44 45.4	A46
C/2001 K5	2003 06 06.60848	18 57 17.41	+52 59 58.5	355
C/2001 K5	2003 06 06.62071	18 57 17.08	+53 00 04.6	355
C/2001 K5	2003 06 06.62345	18 57 16.92	+53 00 06.1	355
C/2001 K5	2003 06 07.31765	18 56 52.86	+53 06 24.7	H41
C/2001 K5	2003 06 07.95568	18 56 30.47	+53 12 05.1	15.6 N 213
C/2001 K5	2003 06 07.95696	18 56 30.40	+53 12 05.1	15.6 N 213
C/2001 K5	2003 06 07.96060	18 56 30.25	+53 12 07.4	15.6 N 213
C/2001 K5	2003 06 07.99149	18 56 29.15	+53 12 22.4	616

15.1 T

15.1 T

15.6 N

15.6 N

15.6 N

C/2001 K5	2003 06 07.99447	18 56 29.02	+53 12 24.4	616
C/2001 K5	2003 06 07.99845	18 56 28.96	+53 12 28.0	616
C/2001 K5	2003 06 08.00127	18 56 28.95	+53 12 29.4	616
C/2001 K5	2003 06 08.00331	18 56 28.82	+53 12 31.3	616
C/2001 K5	2003 06 08.00588	18 56 28.85	+53 12 32.5	616
C/2001 K5	2003 06 08.00700	18 56 28.75	+53 12 33.0	616
C/2001 K5	2003 06 08.13187	18 56 24.15	+53 13 38.9	15.8 N 232
C/2001 K5	2003 06 08.13443	18 56 24.03	+53 13 41.4	15.9 N 232
C/2001 K5	2003 06 08.36720	18 56 15.73	+53 15 43.4	14.4 T H41
C/2001 K5	2003 06 08.36999	18 56 15.60	+53 15 44.8	14.4 T H41
C/2001 K5	2003 06 09.07544	18 55 50.18	+53 21 54.3	15.6 N 232
C/2001 K5	2003 06 09.08065	18 55 50.01	+53 21 57.6	15.6 N 232
C/2001 K5	2003 06 09.08851	18 55 49.75	+53 22 02.2	15.6 N 232
C/2001 K5	2003 06 09.29135	18 55 42.34	+53 23 45.9	14.5 T H41
C/2001 K5	2003 06 09.30050	18 55 42.02	+53 23 50.8	14.5 T H41
C/2001 K5	2003 06 09.94021	18 55 18.62	+53 29 19.8	A46
C/2001 K5	2003 06 09.94134	18 55 18.58	+53 29 20.0	A46
C/2001 K5	2003 06 09.94247	18 55 18.55	+53 29 20.9	A46
C/2001 K5	2003 06 09.94360	18 55 18.51	+53 29 21.4	A46
C/2001 K5	2003 06 09.94472	18 55 18.48	+53 29 22.0	A46
C/2001 K5	2003 06 09.94586	18 55 18.43	+53 29 22.6	A46
C/2001 K5	2003 06 09.94699	18 55 18.39	+53 29 23.3	A46
C/2001 K5	2003 06 09.94811	18 55 18.32	+53 29 23.9	A46
C/2001 K5	2003 06 09.94925	18 55 18.33	+53 29 24.3	A46
C/2001 K5	2003 06 09.95037	18 55 18.24	+53 29 25.0	A46
C/2001 K5	2003 06 09.95150	18 55 18.21	+53 29 25.5	A46
C/2001 K5	2003 06 09.95263	18 55 18.16	+53 29 25.7	A46
C/2001 K5	2003 06 09.95375	18 55 18.10	+53 29 26.2	A46
C/2001 K5	2003 06 09.95488	18 55 18.08	+53 29 27.4	A46
C/2001 K5	2003 06 09.95602	18 55 18.04	+53 29 27.6	A46
C/2001 K5	2003 06 10.90069	18 54 42.83	+53 37 25.4	15.7 N 204
C/2001 K5	2003 06 11.31644	18 54 27.14	+53 40 50.0	17.0 T 704
C/2001 K5	2003 06 11.32647	18 54 26.75	+53 40 57.9	17.4 T 704
C/2001 K5	2003 06 11.33649	18 54 26.44	+53 41 03.8	17.6 T 704
C/2001 K5	2003 06 11.34649	18 54 26.02	+53 41 08.5	18.1 T 704
C/2001 K5	2003 06 11.92635	18 54 03.88	+53 45 52.1	A46
C/2001 K5	2003 06 11.92748	18 54 03.83	+53 45 53.1	A46
C/2001 K5	2003 06 11.92861	18 54 03.80	+53 45 53.0	A46
C/2001 K5	2003 06 11.92973	18 54 03.71	+53 45 53.6	A46
C/2001 K5	2003 06 11.93087	18 54 03.70	+53 45 54.3	A46
C/2001 K5	2003 06 11.93199	18 54 03.64	+53 45 54.7	A46
C/2001 K5	2003 06 11.93313	18 54 03.61	+53 45 55.2	A46
C/2001 K5	2003 06 11.93425	18 54 03.59	+53 45 56.3	A46
C/2001 K5	2003 06 11.93538	18 54 03.54	+53 45 56.5	A46
C/2001 K5	2003 06 11.93650	18 54 03.48	+53 45 57.0	A46
C/2001 K5	2003 06 11.93763	18 54 03.49	+53 45 57.3	A46
C/2001 K5	2003 06 11.93876	18 54 03.44	+53 45 58.2	A46
C/2001 K5	2003 06 11.93988	18 54 03.35	+53 45 58.8	A46
C/2001 K5	2003 06 11.94102	18 54 03.33	+53 45 59.2	A46
C/2001 K5	2003 06 11.94214	18 54 03.31	+53 45 59.7	A46
C/2001 K5	2003 06 13.69538	18 52 54.93	+53 59 59.8	349
C/2001 K5	2003 06 13.69709	18 52 54.81	+54 00 00.7	349
C/2001 K5	2003 06 13.69898	18 52 54.70	+54 00 01.3	15.9 T 349

C/2001 K5	2003 06 16.30303	18 51 09.62	+54 19 43.1	15.2 T	H41
C/2001 K5	2003 06 16.32163	18 51 08.84	+54 19 51.3	15.2 T	H41
C/2001 K5	2003 06 16.32660	18 51 08.65	+54 19 52.8	16.7 N	H41
C/2001 K5	2003 06 16.90715	18 50 44.76	+54 24 05.4	15.8 N	213
C/2001 K5	2003 06 16.90848	18 50 44.67	+54 24 04.4	15.8 N	213
C/2001 K5	2003 06 16.90965	18 50 44.61	+54 24 05.5	15.8 N	213
C/2001 K5	2003 06 16.94119	18 50 43.22	+54 24 20.5		048
C/2001 K5	2003 06 16.94272	18 50 43.18	+54 24 20.6		048
C/2001 K5	2003 06 16.94424	18 50 43.12	+54 24 20.7		048
C/2001 K5	2003 06 16.94575	18 50 43.05	+54 24 21.6		048
C/2001 K5	2003 06 16.94726	18 50 43.00	+54 24 21.7		048
C/2001 K5	2003 06 16.96722	18 50 42.14	+54 24 29.4		A46
C/2001 K5	2003 06 16.96834	18 50 42.10	+54 24 30.6		A46
C/2001 K5	2003 06 16.96948	18 50 42.08	+54 24 31.4		A46
C/2001 K5	2003 06 16.97060	18 50 41.98	+54 24 31.4		A46
C/2001 K5	2003 06 16.97172	18 50 41.92	+54 24 32.1		A46
C/2001 K5	2003 06 16.97286	18 50 41.90	+54 24 32.5		A46
C/2001 K5	2003 06 17.33381	18 50 26.84	+54 27 08.8	15.3 T	785
C/2001 K5	2003 06 17.97081	18 50 00.15	+54 31 37.9		A46
C/2001 K5	2003 06 17.97192	18 50 00.08	+54 31 37.9		A46
C/2001 K5	2003 06 17.97306	18 49 59.99	+54 31 37.9		A46
C/2001 K5	2003 06 17.97419	18 49 59.97	+54 31 38.5		A46
C/2001 K5	2003 06 17.97532	18 49 59.93	+54 31 39.3		A46
C/2001 K5	2003 06 17.97645	18 49 59.86	+54 31 39.7		A46
C/2001 K5	2003 06 19.30824	18 49 03.21	+54 40 47.9	15.3 T	H41
C/2001 K5	2003 06 20.25303	18 48 22.50	+54 47 02.7	15.1 T	H41
C/2001 K5	2003 06 20.27715	18 48 21.49	+54 47 12.5	15.1 T	H41
C/2001 K5	2003 06 20.89098	18 47 54.90	+54 51 12.8	15.6 N	235
C/2001 K5	2003 06 21.04035	18 47 48.34	+54 52 06.7	14.9 N	442
C/2001 K5	2003 06 21.04536	18 47 48.46	+54 52 08.0	14.9 N	442
C/2001 K5	2003 06 21.04899	18 47 47.83	+54 52 11.8	14.9 N	442
C/2001 K5	2003 06 21.05309	18 47 47.63	+54 52 11.9		A46
C/2001 K5	2003 06 21.05422	18 47 47.59	+54 52 13.5		A46
C/2001 K5	2003 06 21.05535	18 47 47.59	+54 52 13.4		A46
C/2001 K5	2003 06 21.05581	18 47 47.72	+54 52 13.5	14.9 N	442
C/2001 K5	2003 06 21.05760	18 47 47.46	+54 52 14.5		A46
C/2001 K5	2003 06 21.05986	18 47 47.37	+54 52 16.5		A46
C/2001 K5	2003 06 21.06100	18 47 47.34	+54 52 16.7		A46
C/2001 K5	2003 06 21.08564	18 47 46.19	+54 52 23.6	15.6 N	939
C/2001 K5	2003 06 21.09326	18 47 45.83	+54 52 26.8	15.6 N	939
C/2001 K5	2003 06 21.10087	18 47 45.47	+54 52 29.8	15.6 N	939
C/2001 K5	2003 06 21.98186	18 47 06.93	+54 58 03.4		616
C/2001 K5	2003 06 21.98341	18 47 06.89	+54 58 03.6		616
C/2001 K5	2003 06 21.98495	18 47 06.81	+54 58 04.2		616
C/2001 K5	2003 06 21.98650	18 47 06.69	+54 58 05.0		616
C/2001 K5	2003 06 21.98805	18 47 06.62	+54 58 05.3		616
C/2001 K5	2003 06 22.02728	18 47 04.89	+54 58 20.2		A46
C/2001 K5	2003 06 22.02841	18 47 04.82	+54 58 20.4		A46
C/2001 K5	2003 06 22.02955	18 47 04.79	+54 58 20.6		A46
C/2001 K5	2003 06 22.03068	18 47 04.74	+54 58 21.1		A46
C/2001 K5	2003 06 22.03182	18 47 04.69	+54 58 21.3		A46
C/2001 K5	2003 06 22.03409	18 47 04.57	+54 58 22.4		A46
C/2001 K5	2003 06 22.05705	18 47 03.50	+54 58 29.7	15.6 T	232

C/2001 K5	2003 06 22.06215	18 47 03.31	+54 58 33.6	15.6 T	232
C/2001 K5	2003 06 22.06477	18 47 03.21	+54 58 34.8	15.5 T	232
C/2001 K5	2003 06 22.07557	18 47 02.70	+54 58 36.8	15.6 N	939
C/2001 K5	2003 06 22.08703	18 47 02.19	+54 58 41.4	15.6 N	939
C/2001 K5	2003 06 22.09082	18 47 02.02	+54 58 42.6	15.6 N	939
C/2001 K5	2003 06 22.28575	18 46 53.56	+54 59 56.6	16.4 N	448
C/2001 K5	2003 06 22.28788	18 46 53.46	+54 59 57.5	16.5 N	448
C/2001 K5	2003 06 22.29002	18 46 53.37	+54 59 58.1	16.4 N	448
C/2001 K5	2003 06 22.29113	18 46 53.20	+54 59 57.1	14.4 T	H41
C/2001 K5	2003 06 22.92642	18 46 25.11	+55 03 46.2	15.6 N	213
C/2001 K5	2003 06 22.92740	18 46 25.08	+55 03 47.5	15.6 N	213
C/2001 K5	2003 06 22.92843	18 46 24.99	+55 03 47.5	15.6 N	213
C/2001 K5	2003 06 22.95664	18 46 23.70	+55 03 59.6	15.6 N	J97
C/2001 K5	2003 06 22.96237	18 46 23.52	+55 04 00.3	15.6 N	J97
C/2001 K5	2003 06 23.32318	18 46 07.21	+55 06 09.9	15.3 T	H41
C/2001 K5	2003 06 24.22513	18 45 26.90	+55 11 26.5	17.0 T	785
C/2001 K5	2003 06 24.24317	18 45 26.05	+55 11 33.2	17.0 T	785
C/2001 K5	2003 06 24.35738	18 45 20.75	+55 12 10.5	16.6 N	H41
C/2001 K5	2003 06 24.36407	18 45 20.46	+55 12 12.9	14.7 T	H41
C/2001 K5	2003 06 24.93745	18 44 54.67	+55 15 26.8		A46
C/2001 K5	2003 06 24.93859	18 44 54.64	+55 15 27.4		A46
C/2001 K5	2003 06 24.93972	18 44 54.62	+55 15 27.9		A46
C/2001 K5	2003 06 24.94086	18 44 54.57	+55 15 28.6		A46
C/2001 K5	2003 06 24.94198	18 44 54.50	+55 15 28.5		A46
C/2001 K5	2003 06 24.94310	18 44 54.47	+55 15 29.0		A46
C/2001 K5	2003 06 25.33532	18 44 36.54	+55 17 39.4	16.3 N	H41
C/2001 K5	2003 06 25.34187	18 44 36.23	+55 17 41.9	14.8 T	H41
C/2001 K5	2003 06 25.90984	18 44 10.53	+55 20 47.8		A46
C/2001 K5	2003 06 25.91097	18 44 10.48	+55 20 47.7		A46
C/2001 K5	2003 06 25.91209	18 44 10.43	+55 20 47.8		A46
C/2001 K5	2003 06 25.91322	18 44 10.35	+55 20 48.5		A46
C/2001 K5	2003 06 25.91435	18 44 10.35	+55 20 49.0		A46
C/2001 K5	2003 06 25.91547	18 44 10.28	+55 20 49.5		A46
C/2001 K5	2003 06 27.03003	18 43 19.14	+55 26 41.1	15.8 T	A32
C/2001 K5	2003 06 27.03343	18 43 19.04	+55 26 43.0	16.0 T	A32
C/2001 K5	2003 06 27.03682	18 43 18.83	+55 26 43.3	15.7 T	A32
C/2001 K5	2003 06 27.27426	18 43 07.93	+55 27 57.5	14.6 T	H41
C/2001 K5	2003 06 27.28035	18 43 07.64	+55 27 59.1	16.3 N	H41
C/2001 K5	2003 06 28.33016	18 42 19.15	+55 33 14.1	15.1 T	H41
C/2001 K5	2003 06 28.33633	18 42 18.88	+55 33 15.6	15.0 T	H41
C/2001 K5	2003 06 28.91537	18 41 52.14	+55 36 02.6	16.3 N	J87
C/2001 K5	2003 06 28.92359	18 41 51.78	+55 36 05.5	15.8 N	J87
C/2001 K5	2003 06 28.94141	18 41 50.90	+55 36 10.6	16.1 N	J87
C/2001 K5	2003 06 28.99466	18 41 48.37	+55 36 26.3		616
C/2001 K5	2003 06 28.99620	18 41 48.32	+55 36 26.6		616
C/2001 K5	2003 06 28.99776	18 41 48.27	+55 36 27.7		616
C/2001 K5	2003 06 28.99931	18 41 48.17	+55 36 27.4		616
C/2001 K5	2003 06 29.00086	18 41 48.05	+55 36 28.1		616
C/2001 K5	2003 06 29.00421	18 41 47.84	+55 36 30.0	15.9 N	213
C/2001 K5	2003 06 29.00657	18 41 48.05	+55 36 29.7	16.1 N	213
C/2001 K5	2003 06 29.00773	18 41 47.77	+55 36 29.5	16.0 N	213
C/2001 K5	2003 06 29.06753	18 41 44.85	+55 36 44.4	15.9 N	A02
C/2001 K5	2003 06 29.07431	18 41 44.57	+55 36 46.8	15.9 N	A02

2003 AUG. 6

M.P.C. 49227

C/2001 K5	2003 06 29.07882	18 41 44.40	+55 36 48.3	15.8 N	A02	C/2001 K5	2003 07 05.96064	18 36 22.09	+56 04 32.8	16.4 N	J87
C/2001 K5	2003 06 29.26615	18 41 35.75	+55 37 42.7	15.0 T	H41	C/2001 K5	2003 07 06.29986	18 36 05.95	+56 05 39.8	15.0 T	H41
C/2001 K5	2003 06 29.28311	18 41 34.86	+55 37 46.8	15.0 T	H41	C/2001 K5	2003 07 06.30363	18 36 05.79	+56 05 40.7	14.9 T	H41
C/2001 K5	2003 06 29.85142	18 41 08.73	+55 40 25.5	15.8 N	235	C/2001 K5	2003 07 06.91958	18 35 36.96	+56 07 37.2	16.2 N	213
C/2001 K5	2003 06 29.86795	18 41 07.86	+55 40 29.8	16.3 N	151	C/2001 K5	2003 07 06.92487	18 35 36.72	+56 07 37.6	16.2 N	213
C/2001 K5	2003 06 29.87177	18 41 07.68	+55 40 31.0	16.3 N	151	C/2001 K5	2003 07 06.92910	18 35 36.47	+56 07 36.0	16.2 N	213
C/2001 K5	2003 06 29.87463	18 41 07.56	+55 40 31.2	16.1 N	151	C/2001 K5	2003 07 07.29154	18 35 19.28	+56 08 42.1	15.9 T	699
C/2001 K5	2003 06 29.88068	18 41 07.24	+55 40 33.3	16.3 N	151	C/2001 K5	2003 07 07.29928	18 35 19.03	+56 08 47.2	14.9 T	H41
C/2001 K5	2003 06 30.04740	18 40 59.42	+55 41 18.1	15.4 N	212	C/2001 K5	2003 07 07.30608	18 35 18.71	+56 08 48.8	14.9 T	H41
C/2001 K5	2003 06 30.05133	18 40 59.24	+55 41 19.2	15.4 N	212	C/2001 K5	2003 07 07.30777	18 35 18.51	+56 08 44.7		699
C/2001 K5	2003 06 30.05417	18 40 59.11	+55 41 19.8	15.4 N	212	C/2001 K5	2003 07 07.32400	18 35 17.70	+56 08 47.6		699
C/2001 K5	2003 06 30.14299	18 40 55.05	+55 41 44.4	17.8 T	H72	C/2001 K5	2003 07 07.34023	18 35 16.77	+56 08 47.6		699
C/2001 K5	2003 06 30.14519	18 40 54.90	+55 41 46.0	18.1 T	H72	C/2001 K5	2003 07 07.57784	18 35 06.15	+56 09 39.3		379
C/2001 K5	2003 06 30.14740	18 40 54.99	+55 41 46.3	15.8 T	H72	C/2001 K5	2003 07 07.57970	18 35 06.04	+56 09 40.2		379
C/2001 K5	2003 06 30.96954	18 40 16.38	+55 45 24.2	15.7 N	J97	C/2001 K5	2003 07 07.58639	18 35 05.69	+56 09 40.5	14.3 T	379
C/2001 K5	2003 07 01.12381	18 40 09.14	+55 46 05.0	16.8 T	H72	C/2001 K5	2003 07 07.94284	18 34 48.96	+56 10 43.1		557
C/2001 K5	2003 07 01.12566	18 40 09.14	+55 46 05.3	16.6 T	H72	C/2001 K5	2003 07 07.96321	18 34 47.99	+56 10 46.4		557
C/2001 K5	2003 07 01.12759	18 40 09.00	+55 46 05.8	16.3 T	H72	C/2001 K5	2003 07 07.97264	18 34 47.54	+56 10 48.8		048
C/2001 K5	2003 07 01.99676	18 39 28.08	+55 49 42.9	16.1 N	939	C/2001 K5	2003 07 07.97378	18 34 47.50	+56 10 48.6		048
C/2001 K5	2003 07 02.00433	18 39 27.73	+55 49 45.0	16.1 N	939	C/2001 K5	2003 07 07.97492	18 34 47.41	+56 10 48.8		048
C/2001 K5	2003 07 02.01194	18 39 27.39	+55 49 46.9	16.1 N	939	C/2001 K5	2003 07 07.97604	18 34 47.36	+56 10 49.0		048
C/2001 K5	2003 07 02.30672	18 39 13.65	+55 51 03.3	16.4 T	785	C/2001 K5	2003 07 07.97716	18 34 47.33	+56 10 49.5		048
C/2001 K5	2003 07 02.32015	18 39 13.06	+55 51 07.4	16.4 T	785	C/2001 K5	2003 07 08.03691	18 34 44.50	+56 10 59.1		557
C/2001 K5	2003 07 02.60406	18 38 59.76	+55 52 15.5		379	C/2001 K5	2003 07 08.04237	18 34 44.23	+56 11 00.1		A46
C/2001 K5	2003 07 02.61001	18 38 59.49	+55 52 15.9		379	C/2001 K5	2003 07 08.04348	18 34 44.15	+56 11 00.8		A46
C/2001 K5	2003 07 02.61251	18 38 59.35	+55 52 16.6	15.3 T	379	C/2001 K5	2003 07 08.04461	18 34 44.15	+56 11 00.6		A46
C/2001 K5	2003 07 02.90987	18 38 45.40	+55 53 28.1		A46	C/2001 K5	2003 07 08.04574	18 34 44.09	+56 11 00.8		A46
C/2001 K5	2003 07 02.91098	18 38 45.38	+55 53 27.9		A46	C/2001 K5	2003 07 08.04686	18 34 44.02	+56 11 01.3		A46
C/2001 K5	2003 07 02.91209	18 38 45.34	+55 53 28.2		A46	C/2001 K5	2003 07 08.04800	18 34 43.99	+56 11 01.2		A46
C/2001 K5	2003 07 02.91322	18 38 45.23	+55 53 28.6		A46	C/2001 K5	2003 07 08.25939	18 34 34.10	+56 11 38.5	15.6 T	785
C/2001 K5	2003 07 02.91434	18 38 45.22	+55 53 28.8		A46	C/2001 K5	2003 07 08.26895	18 34 33.60	+56 11 40.1	15.0 T	H41
C/2001 K5	2003 07 02.91545	18 38 45.17	+55 53 28.9		A46	C/2001 K5	2003 07 08.27499	18 34 33.27	+56 11 39.7	15.0 T	H41
C/2001 K5	2003 07 02.94397	18 38 43.79	+55 53 35.8		048	C/2001 K5	2003 07 08.28566	18 34 32.95	+56 11 43.7	16.7 T	785
C/2001 K5	2003 07 02.94476	18 38 43.72	+55 53 36.2		048	C/2001 K5	2003 07 08.91273	18 34 03.60	+56 13 27.6		A46
C/2001 K5	2003 07 02.94553	18 38 43.71	+55 53 35.9		048	C/2001 K5	2003 07 08.91385	18 34 03.50	+56 13 27.4		A46
C/2001 K5	2003 07 02.94631	18 38 43.66	+55 53 36.1		048	C/2001 K5	2003 07 08.91499	18 34 03.47	+56 13 27.5		A46
C/2001 K5	2003 07 02.94708	18 38 43.60	+55 53 36.5		048	C/2001 K5	2003 07 08.91611	18 34 03.46	+56 13 27.8		A46
C/2001 K5	2003 07 03.27003	18 38 28.37	+55 54 51.5	14.7 T	H41	C/2001 K5	2003 07 08.91723	18 34 03.42	+56 13 28.3		A46
C/2001 K5	2003 07 03.27648	18 38 28.06	+55 54 53.5	14.7 T	H41	C/2001 K5	2003 07 08.91836	18 34 03.37	+56 13 28.5		A46
C/2001 K5	2003 07 03.91686	18 37 58.08	+55 57 20.8	16.0 T	A03	C/2001 K5	2003 07 08.98103	18 34 00.46	+56 13 38.4		204
C/2001 K5	2003 07 03.92844	18 37 57.60	+55 57 22.4	16.0 T	A03	C/2001 K5	2003 07 08.98372	18 34 00.33	+56 13 39.0	16.3 N	204
C/2001 K5	2003 07 04.26483	18 37 41.56	+55 58 35.6	16.1 N	H41	C/2001 K5	2003 07 08.98777	18 34 00.13	+56 13 39.6	16.2 N	204
C/2001 K5	2003 07 04.27201	18 37 41.19	+55 58 36.9	16.1 N	H41	C/2001 K5	2003 07 09.22329	18 33 49.11	+56 14 17.5	17.1 N	762
C/2001 K5	2003 07 04.87796	18 37 12.97	+56 00 50.5	16.4 N	J87	C/2001 K5	2003 07 09.24144	18 33 48.27	+56 14 20.8	17.1 N	762
C/2001 K5	2003 07 04.89587	18 37 12.07	+56 00 53.2	16.6 N	J87	C/2001 K5	2003 07 09.25132	18 33 47.76	+56 14 22.0	14.9 T	H41
C/2001 K5	2003 07 04.90532	18 37 11.67	+56 00 55.6	16.4 N	J87	C/2001 K5	2003 07 09.25543	18 33 47.46	+56 14 22.2	14.8 T	H41
C/2001 K5	2003 07 05.06047	18 37 04.24	+56 01 26.4	15.9 N	212	C/2001 K5	2003 07 09.26230	18 33 47.13	+56 14 23.7	14.8 T	H41
C/2001 K5	2003 07 05.06400	18 37 04.08	+56 01 27.4	15.9 N	212	C/2001 K5	2003 07 09.27051	18 33 47.19	+56 14 23.1	17.8 T	704
C/2001 K5	2003 07 05.06852	18 37 03.87	+56 01 28.6	15.9 N	212	C/2001 K5	2003 07 09.28060	18 33 46.52	+56 14 30.2	18.6 T	704
C/2001 K5	2003 07 05.28625	18 36 53.57	+56 02 14.7	15.9 N	H41	C/2001 K5	2003 07 09.29066	18 33 45.91	+56 14 31.6	18.7 T	704
C/2001 K5	2003 07 05.29006	18 36 53.39	+56 02 15.8	15.0 T	H41	C/2001 K5	2003 07 09.30084	18 33 45.52	+56 14 33.4	19.1 T	704
C/2001 K5	2003 07 05.94993	18 36 22.49	+56 04 30.6	16.3 N	J87	C/2001 K5	2003 07 09.31106	18 33 44.71	+56 14 32.6	18.2 T	704
C/2001 K5	2003 07 05.95558	18 36 22.20	+56 04 31.5	16.3 N	J87	C/2001 K5	2003 07 09.95106	18 33 15.22	+56 16 08.7	16.2 N	939

C/2001 K5	2003 07 09.95869	18 33 14.83	+56 16 10.0	16.2 N	939
C/2001 K5	2003 07 09.96630	18 33 14.44	+56 16 10.7	16.2 N	939
C/2001 K5	2003 07 10.91483	18 32 30.50	+56 18 29.1	16.1 N	213
C/2001 K5	2003 07 10.91600	18 32 30.50	+56 18 29.1	16.2 N	213
C/2001 K5	2003 07 10.91806	18 32 30.37	+56 18 29.1	16.1 N	213
C/2001 K5	2003 07 10.92116	18 32 30.17	+56 18 31.2	16.2 N	J97
C/2001 K5	2003 07 10.92420	18 32 30.05	+56 18 31.9	16.2 N	J97
C/2001 K5	2003 07 10.96985	18 32 27.87	+56 18 36.6	16.0 N	A32
C/2001 K5	2003 07 10.97546	18 32 27.61	+56 18 38.1	16.0 N	A32
C/2001 K5	2003 07 10.98220	18 32 27.34	+56 18 39.1	16.0 N	A32
C/2001 K5	2003 07 10.98895	18 32 27.03	+56 18 40.0	16.0 N	A32
C/2001 K5	2003 07 10.99108	18 32 26.89	+56 18 40.9		A46
C/2001 K5	2003 07 10.99220	18 32 26.85	+56 18 40.9		A46
C/2001 K5	2003 07 10.99332	18 32 26.80	+56 18 41.6		A46
C/2001 K5	2003 07 10.99444	18 32 26.75	+56 18 41.4		A46
C/2001 K5	2003 07 10.99558	18 32 26.65	+56 18 41.7		A46
C/2001 K5	2003 07 10.99568	18 32 26.70	+56 18 40.6	16.2 N	A32
C/2001 K5	2003 07 10.99670	18 32 26.63	+56 18 41.9		A46
C/2001 K5	2003 07 11.19047	18 32 17.71	+56 19 09.5	15.9 N	H41
C/2001 K5	2003 07 11.19692	18 32 17.26	+56 19 10.6	15.3 T	H41
C/2001 K5	2003 07 11.93336	18 31 43.39	+56 20 45.2	16.1 N	939
C/2001 K5	2003 07 11.94098	18 31 43.01	+56 20 45.3	16.1 N	939
C/2001 K5	2003 07 11.94858	18 31 42.65	+56 20 45.8	16.1 N	939
C/2001 K5	2003 07 12.86059	18 31 00.84	+56 22 39.8	16.1 N	213
C/2001 K5	2003 07 12.86156	18 31 00.81	+56 22 38.4	16.1 N	213
C/2001 K5	2003 07 12.86253	18 31 00.72	+56 22 38.7	16.1 N	213
C/2001 K5	2003 07 13.12742	18 30 48.45	+56 23 08.9	15.7 N	H41
C/2001 K5	2003 07 13.13227	18 30 48.29	+56 23 09.8	15.8 N	H41
C/2001 K5	2003 07 14.28537	18 29 55.73	+56 25 12.6	15.0 T	H41
C/2001 K5	2003 07 14.29501	18 29 55.22	+56 25 13.4	15.0 T	H41
C/2001 K5	2003 07 14.94473	18 29 25.85	+56 26 17.2	16.2 N	J95
C/2001 K5	2003 07 14.94936	18 29 25.70	+56 26 17.6	16.3 N	J95
C/2001 K5	2003 07 14.95399	18 29 25.46	+56 26 17.8	15.7 N	J95
C/2001 K5	2003 07 14.96698	18 29 24.88	+56 26 18.3		A46
C/2001 K5	2003 07 14.96924	18 29 24.74	+56 26 18.5		A46
C/2001 K5	2003 07 14.97037	18 29 24.67	+56 26 18.6		A46
C/2001 K5	2003 07 14.97149	18 29 24.60	+56 26 18.2		A46
C/2001 K5	2003 07 14.97262	18 29 24.58	+56 26 18.4		A46
C/2001 K5	2003 07 14.97374	18 29 24.49	+56 26 18.6		A46
C/2001 K5	2003 07 15.00610	18 29 23.04	+56 26 22.5		118
C/2001 K5	2003 07 15.01388	18 29 22.67	+56 26 23.2		118
C/2001 K5	2003 07 15.02128	18 29 22.33	+56 26 24.0	16.6 N	118
C/2001 K5	2003 07 15.23274	18 29 12.78	+56 26 42.1	15.2 T	H41
C/2001 K5	2003 07 15.23850	18 29 12.49	+56 26 42.6	15.2 T	H41
C/2001 K5	2003 07 15.98344	18 28 39.06	+56 27 45.1	16.2 N	458
C/2001 K5	2003 07 15.99450	18 28 38.55	+56 27 44.9	16.1 N	458
C/2001 K5	2003 07 16.01779	18 28 37.55	+56 27 48.3		A46
C/2001 K5	2003 07 16.01892	18 28 37.49	+56 27 48.5		A46
C/2001 K5	2003 07 16.02005	18 28 37.47	+56 27 48.6		A46
C/2001 K5	2003 07 16.02117	18 28 37.36	+56 27 48.1		A46
C/2001 K5	2003 07 16.02230	18 28 37.33	+56 27 48.4		A46
C/2001 K5	2003 07 16.02456	18 28 37.18	+56 27 48.4		A46
C/2001 K5	2003 07 16.18711	18 28 29.98	+56 28 01.3	15.1 T	H41

C/2001 K5	2003 07 16.19227	18 28 29.81	+56 28 02.7	15.0 T	H41
C/2001 K5	2003 07 16.86382	18 27 59.94	+56 28 51.8		048
C/2001 K5	2003 07 16.86535	18 27 59.83	+56 28 52.4		048
C/2001 K5	2003 07 16.86687	18 27 59.76	+56 28 52.3		048
C/2001 K5	2003 07 16.86843	18 27 59.68	+56 28 52.4		048
C/2001 K5	2003 07 16.86919	18 27 59.66	+56 28 52.4		048
C/2001 K5	2003 07 17.14185	18 27 47.48	+56 29 10.1	16.6 T	H72
C/2001 K5	2003 07 17.14381	18 27 47.45	+56 29 10.4	16.6 T	H72
C/2001 K5	2003 07 17.14632	18 27 47.28	+56 29 10.8	16.6 T	H72
C/2001 K5	2003 07 17.16725	18 27 46.36	+56 29 12.3	14.9 T	H41
C/2001 K5	2003 07 17.17358	18 27 46.07	+56 29 11.8	14.9 T	H41
C/2001 K5	2003 07 18.31113	18 26 55.72	+56 30 20.0	15.2 T	H41
C/2001 K5	2003 07 18.93579	18 26 28.79	+56 30 50.9	16.4 T	945
C/2001 K5	2003 07 18.93917	18 26 28.52	+56 30 51.3	16.4 T	945
C/2001 K5	2003 07 18.94891	18 26 28.07	+56 30 51.6	16.5 T	945
C/2001 K5	2003 07 18.95765	18 26 27.57	+56 30 53.7	16.0 N	442
C/2001 K5	2003 07 18.96146	18 26 27.55	+56 30 54.0	16.0 N	442
C/2001 K5	2003 07 18.97060	18 26 27.18	+56 30 54.4	15.9 N	442
C/2001 K5	2003 07 18.98218	18 26 26.66	+56 30 54.4	16.3 N	232
C/2001 K5	2003 07 18.98341	18 26 26.49	+56 30 54.0		A46
C/2001 K5	2003 07 18.98454	18 26 26.45	+56 30 54.4		A46
C/2001 K5	2003 07 18.98477	18 26 26.60	+56 30 55.2	16.3 N	232
C/2001 K5	2003 07 18.98567	18 26 26.44	+56 30 53.8		A46
C/2001 K5	2003 07 18.98793	18 26 26.34	+56 30 53.9		A46
C/2001 K5	2003 07 18.98905	18 26 26.25	+56 30 53.8		A46
C/2001 K5	2003 07 18.98999	18 26 26.28	+56 30 56.6	16.4 N	232
C/2001 K5	2003 07 18.99019	18 26 26.23	+56 30 54.7		A46
C/2001 K5	2003 07 19.02214	18 26 24.76	+56 30 55.0	16.1 N	939
C/2001 K5	2003 07 19.02969	18 26 24.48	+56 30 55.6	16.0 N	939
C/2001 K5	2003 07 19.03729	18 26 24.20	+56 30 55.8	16.1 N	939
C/2001 K5	2003 07 19.90096	18 25 46.83	+56 31 33.1	15.4 N	235
C/2001 K5	2003 07 19.90571	18 25 46.64	+56 31 31.1		048
C/2001 K5	2003 07 19.90682	18 25 46.59	+56 31 31.5		048
C/2001 K5	2003 07 19.90792	18 25 46.50	+56 31 31.5		048
C/2001 K5	2003 07 19.90904	18 25 46.52	+56 31 32.2		048
C/2001 K5	2003 07 19.91015	18 25 46.42	+56 31 32.0		048
C/2001 K5	2003 07 19.94381	18 25 45.07	+56 31 33.5	16.1 T	A03
C/2001 K5	2003 07 19.96117	18 25 44.29	+56 31 34.4	16.2 T	A03
C/2001 K5	2003 07 19.96495	18 25 44.01	+56 31 32.4	16.3 N	939
C/2001 K5	2003 07 19.96578	18 25 44.02	+56 31 33.4		A46
C/2001 K5	2003 07 19.96690	18 25 44.00	+56 31 33.7		A46
C/2001 K5	2003 07 19.96874	18 25 43.85	+56 31 32.5	16.3 N	939
C/2001 K5	2003 07 19.96916	18 25 43.84	+56 31 34.3		A46
C/2001 K5	2003 07 19.97028	18 25 43.81	+56 31 34.2		A46
C/2001 K5	2003 07 19.97140	18 25 43.76	+56 31 34.4		A46
C/2001 K5	2003 07 19.97251	18 25 43.68	+56 31 34.8		A46
C/2001 K5	2003 07 19.97632	18 25 43.53	+56 31 33.1	16.3 N	939
C/2001 K5	2003 07 20.05956	18 25 39.89	+56 31 36.2	15.7 N	A32
C/2001 K5	2003 07 20.06182	18 25 39.77	+56 31 35.9	15.6 N	A32
C/2001 K5	2003 07 20.06751	18 25 39.64	+56 31 35.2	16.0 N	A32
C/2001 K5	2003 07 20.18593	18 25 34.61	+56 31 41.4	16.6 T	H72
C/2001 K5	2003 07 20.18774	18 25 34.57	+56 31 42.1	16.9 T	H72
C/2001 K5	2003 07 20.19010	18 25 34.34	+56 31 42.7	16.5 T	H72

2003 AUG. 6

M.P.C. 49229

C/2001 K5	2003 07 20.21499	18 25 33.26	+56 31 41.7	16.1 N	785
C/2001 K5	2003 07 20.22738	18 25 32.84	+56 31 48.5	19.4 T	704
C/2001 K5	2003 07 20.23718	18 25 32.41	+56 31 46.4	19.7 T	704
C/2001 K5	2003 07 20.25007	18 25 31.68	+56 31 43.3	16.2 N	785
C/2001 K5	2003 07 20.25689	18 25 31.17	+56 31 44.0	18.8 T	704
C/2001 K5	2003 07 20.31313	18 25 29.03	+56 31 44.6	16.2 N	785
C/2001 K5	2003 07 20.96059	18 25 01.42	+56 32 02.9		A46
C/2001 K5	2003 07 20.96171	18 25 01.39	+56 32 02.7		A46
C/2001 K5	2003 07 20.96285	18 25 01.34	+56 32 03.4		A46
C/2001 K5	2003 07 20.96509	18 25 01.21	+56 32 03.2		A46
C/2001 K5	2003 07 20.96623	18 25 01.22	+56 32 03.7		A46
C/2001 K5	2003 07 20.96735	18 25 01.15	+56 32 03.2		A46
C/2001 K5	2003 07 21.49978	18 24 38.74	+56 32 15.5	16.7 N	379
C/2001 K5	2003 07 21.50505	18 24 38.48	+56 32 15.2	16.8 N	379
C/2001 K5	2003 07 21.50675	18 24 38.44	+56 32 15.1	17.2 N	379
C/2001 K5	2003 07 21.50838	18 24 38.44	+56 32 14.4	16.8 N	379
C/2001 K5	2003 07 21.64296	18 24 32.51	+56 32 16.5	16.3 T	900
C/2001 K5	2003 07 21.66061	18 24 31.79	+56 32 15.8	16.0 T	900
C/2001 K5	2003 07 22.83703	18 23 42.83	+56 32 30.1		107
C/2001 K5	2003 07 22.84135	18 23 42.61	+56 32 29.1		107
C/2001 K5	2003 07 22.84567	18 23 42.43	+56 32 29.4		107
C/2001 K5	2003 07 22.89088	18 23 40.43	+56 32 31.6	15.6 N	235
C/2001 K5	2003 07 22.98231	18 23 36.67	+56 32 30.9	16.2 T	A03
C/2001 K5	2003 07 22.98521	18 23 36.65	+56 32 30.5	16.2 T	A03
C/2001 K5	2003 07 23.99162	18 22 55.27	+56 32 26.6	15.9 T	A03
C/2001 K5	2003 07 24.00914	18 22 54.50	+56 32 25.3	15.9 T	A03
C/2001 K5	2003 07 25.88308	18 21 39.25	+56 31 53.0	15.7 N	235
C/2001 K5	2003 07 25.95730	18 21 36.54	+56 31 48.2	16.2 N	213
C/2001 K5	2003 07 25.95830	18 21 36.48	+56 31 47.4	16.2 N	213
C/2001 K5	2003 07 25.96225	18 21 36.29	+56 31 47.7	16.2 N	213
C/2001 K5	2003 07 26.02495	18 21 33.78	+56 31 45.5	15.8 N	A01
C/2001 K5	2003 07 26.03152	18 21 33.46	+56 31 45.1	15.7 N	A01
C/2001 K5	2003 07 26.03808	18 21 33.20	+56 31 44.8	15.9 N	A01
C/2001 K5	2003 07 26.04941	18 21 32.80	+56 31 47.8	16.4 N	232
C/2001 K5	2003 07 26.05453	18 21 32.59	+56 31 46.5	16.4 N	232
C/2001 K5	2003 07 26.06488	18 21 32.27	+56 31 43.6	16.3 N	232
C/2001 K5	2003 07 26.55627	18 21 13.09	+56 31 30.1	16.5 N	379
C/2001 K5	2003 07 26.55866	18 21 12.95	+56 31 29.6	16.8 N	379
C/2001 K5	2003 07 27.01069	18 20 55.34	+56 31 08.5	16.1 N	A02
C/2001 K5	2003 07 27.01295	18 20 55.21	+56 31 09.4	16.2 N	A02
C/2001 K5	2003 07 27.01747	18 20 54.98	+56 31 11.2	16.2 N	A02
C/2001 K5	2003 07 27.89638	18 20 21.45	+56 30 30.0	16.2 N	939
C/2001 K5	2003 07 27.90395	18 20 21.15	+56 30 29.7	16.2 N	939
C/2001 K5	2003 07 27.91160	18 20 20.86	+56 30 29.7	16.2 N	939
C/2001 K5	2003 07 28.19958	18 20 09.99	+56 30 17.1	15.2 T	H41
C/2001 K5	2003 07 28.20177	18 20 09.88	+56 30 16.2	15.2 T	H41
C/2001 K5	2003 07 29.04088	18 19 38.30	+56 29 25.7	16.0 N	A02
C/2001 K5	2003 07 29.04314	18 19 38.23	+56 29 25.6	16.0 N	A02
C/2001 K5	2003 07 29.04539	18 19 38.15	+56 29 25.7	16.0 N	A02
C/2001 K5	2003 07 29.97050	18 19 04.17	+56 28 28.0	15.9 N	A02
C/2001 K5	2003 07 29.97275	18 19 04.11	+56 28 27.8	15.9 N	A02
C/2001 K5	2003 07 29.97953	18 19 03.91	+56 28 27.5	15.9 N	A02
C/2001 K5	2003 07 29.98605	18 19 03.64	+56 28 26.4	15.6 N	A32

C/2001 K5	2003 07 29.99193	18 19 03.42	+56 28 25.7	15.6 N	A32
C/2001 K5	2003 07 30.29005	18 18 52.60	+56 28 07.5	16.2 T	785
C/2001 K5	2003 07 30.34294	18 18 50.67	+56 28 00.7	17.1 T	785
C/2001 K5	2003 07 30.55052	18 18 43.32	+56 27 46.3		340
C/2001 K5	2003 07 30.55292	18 18 43.21	+56 27 46.2		340
C/2001 K5	2003 07 30.55530	18 18 43.09	+56 27 46.0	15.5 T	340
C/2001 K5	2003 07 31.00638	18 18 26.89	+56 27 05.3	16.2 N	A02
C/2001 K5	2003 07 31.01315	18 18 26.65	+56 27 06.2	16.2 N	A02
C/2001 K5	2003 07 31.01766	18 18 26.46	+56 27 06.8	16.2 N	A02
C/2001 K5	2003 07 31.30586	18 18 16.23	+56 26 46.5	15.2 T	H41
C/2001 K5	2003 07 31.30850	18 18 16.06	+56 26 45.7	15.3 T	H41
C/2001 K5	2003 07 31.93841	18 17 54.22	+56 25 53.7	16.6 N	636
C/2001 K5	2003 07 31.93954	18 17 54.15	+56 25 54.3	16.7 N	636
C/2001 K5	2003 07 31.94065	18 17 54.14	+56 25 54.1	16.6 N	636
C/2001 K5	2003 07 31.94177	18 17 54.11	+56 25 53.7		636
C/2001 K5	2003 07 31.94288	18 17 54.03	+56 25 53.7	16.7 N	636
C/2001 K5	2003 07 31.98341	18 17 52.66	+56 25 48.9	15.7 N	A32
C/2001 K5	2003 07 31.98635	18 17 52.55	+56 25 48.8	15.5 N	A32
C/2001 K5	2003 07 31.98931	18 17 52.45	+56 25 48.3	15.6 N	A32
C/2001 K5	2003 07 31.99225	18 17 52.33	+56 25 48.0	15.6 N	A32
C/2001 K5	2003 07 31.99372	18 17 52.23	+56 25 46.5	16.0 N	A02
C/2001 K5	2003 08 01.00049	18 17 51.98	+56 25 45.3	16.0 N	A02
C/2001 K5	2003 08 01.00274	18 17 51.91	+56 25 44.8	16.0 N	A02
C/2001 K5	2003 08 01.26588	18 17 42.71	+56 25 23.8	15.0 T	H41
C/2001 K5	2003 08 01.26769	18 17 42.72	+56 25 22.9	15.1 T	H41
C/2001 K5	2003 08 01.98030	18 17 18.43	+56 24 16.5	16.2 N	213
C/2001 K5	2003 08 01.98163	18 17 18.40	+56 24 16.1	16.2 N	213
C/2001 K5	2003 08 02.03256	18 17 16.64	+56 24 11.0	16.7 N	A18
C/2001 K5	2003 08 02.06072	18 17 15.73	+56 24 07.5	16.3 N	232
C/2001 K5	2003 08 02.06331	18 17 15.63	+56 24 07.5	16.2 N	232
C/2001 K5	2003 08 02.07367	18 17 15.24	+56 24 07.9	16.3 N	232
C/2001 K5	2003 08 02.31113	18 17 07.07	+56 23 42.4	15.3 T	H41
C/2001 K5	2003 08 02.31345	18 17 07.07	+56 23 42.3	15.3 T	H41
C/2001 K5	2003 08 02.51215	18 17 00.47	+56 23 23.2	16.6 N	379
C/2001 K5	2003 08 02.51390	18 17 00.54	+56 23 22.4	16.6 N	379
C/2001 K5	2003 08 02.52179	18 17 00.29	+56 23 22.6	16.1 N	379
C/2001 K5	2003 08 02.59507	18 16 57.77	+56 23 15.8	15.5 T	360
C/2001 K5	2003 08 02.59745	18 16 57.69	+56 23 15.6		360
C/2001 K5	2003 08 02.88475	18 16 48.23	+56 22 44.4	16.1 T	215
C/2001 K5	2003 08 02.88525	18 16 48.22	+56 22 44.1	16.0 T	215
C/2001 K5	2003 08 02.88575	18 16 48.20	+56 22 43.6	16.0 T	215
C/2001 K5	2003 08 02.94626	18 16 46.13	+56 22 36.9		A46
C/2001 K5	2003 08 02.94738	18 16 46.13	+56 22 36.1		A46
C/2001 K5	2003 08 02.94851	18 16 46.05	+56 22 36.6		A46
C/2001 K5	2003 08 02.94964	18 16 46.03	+56 22 36.5		A46
C/2001 K5	2003 08 02.95076	18 16 45.99	+56 22 35.6		A46
C/2001 K5	2003 08 02.95190	18 16 45.95	+56 22 36.0		A46
C/2001 K5	2003 08 04.15324	18 16 06.96	+56 20 21.7	15.2 T	H41
C/2001 K5	2003 08 04.84654	18 15 45.08	+56 18 56.2		048
C/2001 K5	2003 08 04.84808	18 15 45.05	+56 18 56.1		048
C/2001 K5	2003 08 04.84885	18 15 45.05	+56 18 56.3		048
C/2001 K5	2003 08 04.84962	18 15 45.02	+56 18 55.7		048
C/2001 K5	2003 08 04.85041	18 15 44.94	+56 18 55.9		048

C/2001 N2 (LINEAR)

C/2001 N2	2003 06 08.40881	11 20 06.35	-27 43 02.6	18.7 N	E14
C/2001 N2	2003 06 08.42428	11 20 05.68	-27 42 54.1	18.6 N	E14
C/2001 N2	2003 06 08.43276	11 20 05.37	-27 42 50.0	18.5 N	E14

C/2001 Q4 (NEAT)

C/2001 Q4	2003 07 09.39339	03 41 37.74	-36 56 29.0		I31
C/2001 Q4	2003 07 09.39806	03 41 37.99	-36 56 33.1		I31
C/2001 Q4	2003 07 09.40039	03 41 38.15	-36 56 34.0		I31
C/2001 Q4	2003 07 09.40275	03 41 38.30	-36 56 35.6		I31
C/2001 Q4	2003 07 18.81289	03 50 43.33	-38 39 10.9	14.4 N	E14
C/2001 Q4	2003 07 18.81574	03 50 43.51	-38 39 13.1	14.4 N	E14
C/2001 Q4	2003 07 18.81859	03 50 43.67	-38 39 15.3	14.5 N	E14
C/2001 Q4	2003 07 20.78689	03 52 36.85	-39 03 02.9	14.9 N	428
C/2001 Q4	2003 07 20.79050	03 52 36.96	-39 03 05.5	15.1 N	428
C/2001 Q4	2003 07 20.79410	03 52 37.17	-39 03 08.1	12.9 T	428

C/2001 RX₁₄ (LINEAR)

C/2001 RX ₁₄	2002 10 27.02166	09 32 28.02	+49 35 03.2	14.5 N	130
C/2001 RX ₁₄	2002 10 27.02435	09 32 28.48	+49 35 03.7	14.5 N	130
C/2001 RX ₁₄	2002 10 27.02535	09 32 28.66	+49 35 03.6	14.5 N	130
C/2001 RX ₁₄	2002 10 27.02633	09 32 28.82	+49 35 03.5	14.5 N	130
C/2001 RX ₁₄	2003 02 01.97352	12 09 25.13	+44 02 23.0		084
C/2001 RX ₁₄	2003 02 03.14294	12 08 45.50	+43 55 41.5		084
C/2001 RX ₁₄	2003 02 04.05461	12 08 12.03	+43 50 13.9		084
C/2001 RX ₁₄	2003 02 05.00676	12 07 34.49	+43 44 18.3		084
C/2001 RX ₁₄	2003 02 15.99454	11 57 32.79	+42 16 08.4		084
C/2001 RX ₁₄	2003 03 02.93973	11 38 31.03	+39 02 54.1		084
C/2001 RX ₁₄	2003 03 03.92134	11 37 11.44	+38 46 54.6		084
C/2001 RX ₁₄	2003 03 04.90635	11 35 51.85	+38 30 31.6		084
C/2001 RX ₁₄	2003 03 06.02307	11 34 22.08	+38 11 31.6		084
C/2001 RX ₁₄	2003 03 09.05495	11 30 21.01	+37 17 16.2		084
C/2001 RX ₁₄	2003 03 21.02042	11 16 06.41	+33 13 06.9		084
C/2001 RX ₁₄	2003 03 21.96474	11 15 08.28	+32 52 14.7		084
C/2001 RX ₁₄	2003 03 25.98550	11 11 18.54	+31 21 30.6		084
C/2001 RX ₁₄	2003 03 27.94666	11 09 37.74	+30 36 21.7		084
C/2001 RX ₁₄	2003 03 28.77579	11 08 57.72	+30 17 09.6		084
C/2001 RX ₁₄	2003 03 29.90680	11 08 04.74	+29 50 49.8		084
C/2001 RX ₁₄	2003 03 30.88896	11 07 21.09	+29 27 52.4		084
C/2001 RX ₁₄	2003 04 01.92059	11 05 56.92	+28 40 10.8		084
C/2001 RX ₁₄	2003 04 02.92271	11 05 18.60	+28 16 35.5		084
C/2001 RX ₁₄	2003 04 08.90712	11 02 12.82	+25 55 18.3		084
C/2001 RX ₁₄	2003 04 11.81747	11 01 09.00	+24 46 52.1		084
C/2001 RX ₁₄	2003 04 15.84641	11 00 07.72	+23 12 57.8		084
C/2001 RX ₁₄	2003 04 19.88856	10 59 36.59	+21 40 10.0		084
C/2001 RX ₁₄	2003 04 20.86950	10 59 33.36	+21 17 55.1		084
C/2001 RX ₁₄	2003 04 21.92305	10 59 31.75	+20 54 06.7		084
C/2001 RX ₁₄	2003 04 24.91205	10 59 37.35	+19 47 24.5		084
C/2001 RX ₁₄	2003 04 26.92718	10 59 49.32	+19 03 02.4		084
C/2001 RX ₁₄	2003 05 09.89324	11 03 27.70	+14 31 01.2		084
C/2001 RX ₁₄	2003 05 11.91655	11 04 21.46	+13 50 43.3		084
C/2001 RX ₁₄	2003 05 13.86943	11 05 17.74	+13 12 23.0		084
C/2001 RX ₁₄	2003 05 19.86252	11 08 34.89	+11 18 00.1		084
C/2001 RX ₁₄	2003 05 25.88875	11 12 27.14	+09 27 49.4		084

C/2001 RX ₁₄	2003 06 03.85002	11 19 06.06	+06 52 14.7		048
C/2001 RX ₁₄	2003 06 03.85078	11 19 06.23	+06 52 14.5		048
C/2001 RX ₁₄	2003 06 03.85153	11 19 06.14	+06 52 13.3		048
C/2001 RX ₁₄	2003 06 03.85228	11 19 06.22	+06 52 12.8		048
C/2001 RX ₁₄	2003 06 03.85378	11 19 06.36	+06 52 10.9		048
C/2001 RX ₁₄	2003 06 03.85603	11 19 06.37	+06 52 08.2		048
C/2001 RX ₁₄	2003 06 03.85678	11 19 06.43	+06 52 07.3		048
C/2001 RX ₁₄	2003 06 03.85830	11 19 06.51	+06 52 06.0		048
C/2001 RX ₁₄	2003 06 03.85904	11 19 06.52	+06 52 05.2		048
C/2001 RX ₁₄	2003 06 03.85979	11 19 06.66	+06 52 04.0		048
C/2001 RX ₁₄	2003 06 04.85840	11 19 54.58	+06 35 18.1		A46
C/2001 RX ₁₄	2003 06 04.85951	11 19 54.61	+06 35 17.0		A46
C/2001 RX ₁₄	2003 06 04.86064	11 19 54.64	+06 35 16.2		A46
C/2001 RX ₁₄	2003 06 04.86175	11 19 54.78	+06 35 15.6		A46
C/2001 RX ₁₄	2003 06 04.86286	11 19 54.88	+06 35 13.9		A46
C/2001 RX ₁₄	2003 06 04.86399	11 19 54.92	+06 35 13.0		A46
C/2001 RX ₁₄	2003 06 04.86512	11 19 54.85	+06 35 11.8		A46
C/2001 RX ₁₄	2003 06 04.86624	11 19 54.90	+06 35 11.0		A46
C/2001 RX ₁₄	2003 06 04.86736	11 19 55.03	+06 35 08.8		A46
C/2001 RX ₁₄	2003 06 04.86848	11 19 55.10	+06 35 07.9		A46
C/2001 RX ₁₄	2003 06 04.86962	11 19 55.11	+06 35 07.4		A46
C/2001 RX ₁₄	2003 06 04.87074	11 19 55.18	+06 35 05.3		A46
C/2001 RX ₁₄	2003 06 04.87186	11 19 55.30	+06 35 03.9		A46
C/2001 RX ₁₄	2003 06 04.87299	11 19 55.27	+06 35 03.5		A46
C/2001 RX ₁₄	2003 06 10.86140	11 24 55.97	+04 56 40.2		619
C/2001 RX ₁₄	2003 06 13.15297	11 26 56.52	+04 19 59.2	15.3 N	H41
C/2001 RX ₁₄	2003 06 15.16797	11 28 44.95	+03 48 06.0	16.1 T	699
C/2001 RX ₁₄	2003 06 15.17804	11 28 45.61	+03 47 57.5		699
C/2001 RX ₁₄	2003 06 15.18803	11 28 45.99	+03 47 47.2		699
C/2001 RX ₁₄	2003 06 15.19808	11 28 46.49	+03 47 38.5		699
C/2001 RX ₁₄	2003 06 16.86125	11 30 17.16	+03 21 37.2		A46
C/2001 RX ₁₄	2003 06 16.86237	11 30 17.21	+03 21 37.0		A46
C/2001 RX ₁₄	2003 06 16.86350	11 30 17.24	+03 21 35.2		A46
C/2001 RX ₁₄	2003 06 16.86463	11 30 17.34	+03 21 33.9		A46
C/2001 RX ₁₄	2003 06 16.86689	11 30 17.45	+03 21 32.4		A46
C/2001 RX ₁₄	2003 06 16.86801	11 30 17.46	+03 21 32.0		A46
C/2001 RX ₁₄	2003 06 17.84938	11 31 11.59	+03 06 17.7		A46
C/2001 RX ₁₄	2003 06 17.85051	11 31 11.65	+03 06 17.5		A46
C/2001 RX ₁₄	2003 06 17.85397	11 31 11.81	+03 06 14.7		A46
C/2001 RX ₁₄	2003 06 17.85850	11 31 12.18	+03 06 10.0		A46
C/2001 RX ₁₄	2003 06 17.86074	11 31 12.43	+03 06 08.4		A46
C/2001 RX ₁₄	2003 06 17.86187	11 31 12.50	+03 06 05.7		A46
C/2001 RX ₁₄	2003 06 19.13343	11 32 23.28	+02 46 30.6	15.6 N	H41
C/2001 RX ₁₄	2003 06 20.86638	11 34 01.01	+02 20 01.3	15.9 N	235
C/2001 RX ₁₄	2003 06 20.88700	11 34 02.24	+02 19 42.2	16.1 N	939
C/2001 RX ₁₄	2003 06 20.89457	11 34 02.67	+02 19 35.4	16.1 N	939
C/2001 RX ₁₄	2003 06 20.90214	11 34 03.07	+02 19 28.8	16.1 N	939
C/2001 RX ₁₄	2003 06 21.87837	11 34 58.78	+02 04 38.6	15.8 N	213
C/2001 RX ₁₄	2003 06 21.88294	11 34 58.72	+02 04 34.1	15.8 N	213
C/2001 RX ₁₄	2003 06 21.88376	11 34 58.83	+02 04 38.5	15.5 N	445
C/2001 RX ₁₄	2003 06 21.88642	11 34 59.17	+02 04 33.0	15.8 N	939
C/2001 RX ₁₄	2003 06 21.88881	11 34 59.24	+02 04 30.6	16.4 T	215
C/2001 RX ₁₄	2003 06 21.88940	11 34 59.34	+02 04 30.2	16.2 T	215

2003 AUG. 6

M.P.C. 49231

C/2001 RX ₁₄	2003 06 21.89005	11 34 59.33	+02 04 30.0	16.3 T	215
C/2001 RX ₁₄	2003 06 21.89124	11 34 59.52	+02 04 28.3	15.6 N	445
C/2001 RX ₁₄	2003 06 21.89402	11 34 59.62	+02 04 26.1	15.8 N	939
C/2001 RX ₁₄	2003 06 21.89735	11 34 59.72	+02 04 21.7	15.6 N	445
C/2001 RX ₁₄	2003 06 21.90161	11 35 00.07	+02 04 18.9	15.8 N	939
C/2001 RX ₁₄	2003 06 22.13650	11 35 13.43	+02 00 46.7	15.5 N	H41
C/2001 RX ₁₄	2003 06 22.13869	11 35 13.55	+02 00 45.4	15.5 N	H41
C/2001 RX ₁₄	2003 06 23.11568	11 36 09.80	+01 46 02.8	15.4 N	H41
C/2001 RX ₁₄	2003 06 23.11735	11 36 09.94	+01 46 01.8	15.5 N	H41
C/2001 RX ₁₄	2003 06 23.16853	11 36 13.07	+01 45 12.7	15.9 T	699
C/2001 RX ₁₄	2003 06 23.17619	11 36 13.55	+01 45 06.4		699
C/2001 RX ₁₄	2003 06 23.18394	11 36 13.99	+01 44 59.0		699
C/2001 RX ₁₄	2003 06 23.19165	11 36 14.39	+01 44 52.3		699
C/2001 RX ₁₄	2003 06 24.14005	11 37 09.15	+01 30 40.9	15.5 N	H41
C/2001 RX ₁₄	2003 06 24.14222	11 37 09.26	+01 30 39.5	14.9 T	H41
C/2001 RX ₁₄	2003 06 25.13153	11 38 07.04	+01 15 55.2	15.3 N	H41
C/2001 RX ₁₄	2003 06 28.13360	11 41 04.57	+00 31 36.4	16.0 N	H41
C/2001 RX ₁₄	2003 06 28.13663	11 41 04.72	+00 31 34.4	15.9 N	H41
C/2001 RX ₁₄	2003 06 29.13951	11 42 04.78	+00 16 55.6	16.2 N	H41
C/2001 RX ₁₄	2003 06 29.14567	11 42 05.20	+00 16 49.3	15.1 T	H41
C/2001 RX ₁₄	2003 06 30.08216	11 43 01.72	+00 03 12.0	17.3 T	H72
C/2001 RX ₁₄	2003 06 30.08573	11 43 01.98	+00 03 09.1	16.7 T	H72
C/2001 RX ₁₄	2003 06 30.08696	11 43 01.84	+00 03 07.7	17.4 T	H72
C/2001 RX ₁₄	2003 06 30.12802	11 43 04.36	+00 02 33.1	15.3 T	H41
C/2001 RX ₁₄	2003 06 30.12973	11 43 04.46	+00 02 31.5	15.2 T	H41
C/2001 RX ₁₄	2003 07 02.12750	11 45 05.90	-00 26 17.3	15.7 T	H41

C/2001 U6 (LINEAR)

C/2001 U6	2003 06 05.72155	20 58 15.17	+38 42 30.7	19.1 T	360
C/2001 U6	2003 06 05.72582	20 58 14.97	+38 42 31.2		360
C/2001 U6	2003 06 05.73213	20 58 14.73	+38 42 31.2		360
C/2001 U6	2003 07 08.02194	20 28 24.55	+37 20 43.5	19.6 N	620
C/2001 U6	2003 07 08.04786	20 28 22.81	+37 20 34.9	19.2 N	620
C/2001 U6	2003 07 11.07230	20 25 05.34	+37 02 06.2	19.1 T	1 204

C/2002 A3 (LINEAR)

C/2002 A3	2003 06 22.14204	09 39 18.51	+24 38 10.2	18.9 N	448
C/2002 A3	2003 06 22.14705	09 39 18.75	+24 38 10.3	19.2 N	448
C/2002 A3	2003 06 22.15207	09 39 18.98	+24 38 09.1	19.3 N	448
C/2002 A3	2003 06 24.14653	09 40 41.37	+24 36 42.9	19.3 N	448
C/2002 A3	2003 06 24.14936	09 40 41.62	+24 36 43.0	18.5 N	448
C/2002 A3	2003 06 24.15262	09 40 41.73	+24 36 43.3	19.4 N	448

P/2002 CW₁₃₄ (LINEAR)

P/2002 CW ₁₃₄	2002 03 21.22142	12 40 50.74	-16 10 52.5		807
P/2002 CW ₁₃₄	2002 04 04.88009	12 26 26.94	-18 42 41.5		056
P/2002 CW ₁₃₄	2002 04 04.89546	12 26 26.05	-18 42 49.6		056

C/2002 J4 (NEAT)

C/2002 J4	2003 06 04.18231	18 37 05.44	-48 41 31.1		834
C/2002 J4	2003 06 04.24463	18 37 02.99	-48 42 21.7		834
C/2002 J4	2003 06 18.61942	18 25 53.36	-51 47 34.5		322
C/2002 J4	2003 06 18.63947	18 25 52.19	-51 47 49.7		322
C/2002 J4	2003 06 18.65521	18 25 51.35	-51 48 01.5		322
C/2002 J4	2003 06 22.15554	18 22 34.57	-52 28 46.3		834

C/2002 J4	2003 07 18.55699	17 55 55.44	-56 16 57.4	16.7 N	E14
C/2002 J4	2003 07 18.57197	17 55 54.59	-56 17 02.7	16.1 N	E14
C/2002 J4	2003 07 18.58603	17 55 53.80	-56 17 07.1	16.2 N	E14
C/2002 J4	2003 08 01.44451	17 45 03.85	-57 19 04.8	16.6 N	E14
C/2002 J4	2003 08 01.44814	17 45 03.68	-57 19 05.3	16.4 N	E14

C/2002 J5 (LINEAR)

C/2002 J5	2003 06 07.93949	18 14 34.42	+38 29 03.4	16.7 N	213
C/2002 J5	2003 06 07.94300	18 14 34.22	+38 29 04.9	16.7 N	213
C/2002 J5	2003 06 08.10928	18 14 21.03	+38 30 15.6	17.2 T	232
C/2002 J5	2003 06 08.12486	18 14 19.53	+38 30 23.5	17.3 T	232
C/2002 J5	2003 06 09.01337	18 13 08.78	+38 36 40.5	17.3 T	232
C/2002 J5	2003 06 09.01851	18 13 08.35	+38 36 41.8	17.2 T	232
C/2002 J5	2003 06 09.02887	18 13 07.49	+38 36 45.0	17.3 T	232
C/2002 J5	2003 06 10.27464	18 11 27.61	+38 45 17.3	17.6 T	704
C/2002 J5	2003 06 10.28473	18 11 26.87	+38 45 20.3	17.9 T	704
C/2002 J5	2003 06 10.29472	18 11 26.02	+38 45 25.5	18.1 T	704
C/2002 J5	2003 06 10.30476	18 11 25.25	+38 45 28.0	18.6 T	704
C/2002 J5	2003 06 10.31480	18 11 24.45	+38 45 33.2	18.5 T	704
C/2002 J5	2003 06 20.62853	17 57 09.38	+39 42 54.2		349
C/2002 J5	2003 06 20.63183	17 57 09.19	+39 42 54.3		349
C/2002 J5	2003 06 20.63551	17 57 08.85	+39 42 56.2		349
C/2002 J5	2003 06 20.64572	17 57 07.97	+39 42 58.1	16.8 T	349
C/2002 J5	2003 06 21.94792	17 55 17.87	+39 48 28.3	17.0 T	215
C/2002 J5	2003 06 21.94844	17 55 17.78	+39 48 29.1	17.5 T	215
C/2002 J5	2003 06 21.94892	17 55 17.75	+39 48 28.8	17.2 T	215
C/2002 J5	2003 06 22.03178	17 55 10.66	+39 48 49.8	17.0 T	204
C/2002 J5	2003 06 22.03397	17 55 10.44	+39 48 49.2	17.3 T	232
C/2002 J5	2003 06 22.03821	17 55 10.12	+39 48 51.2		204
C/2002 J5	2003 06 22.03912	17 55 10.09	+39 48 51.0	17.2 T	232
C/2002 J5	2003 06 22.04465	17 55 09.55	+39 48 52.7	17.1 T	204
C/2002 J5	2003 06 22.04954	17 55 09.04	+39 48 54.3	17.2 T	232
C/2002 J5	2003 06 22.27917	17 54 49.76	+39 49 50.3	17.6 T	704
C/2002 J5	2003 06 22.28906	17 54 48.93	+39 49 52.2	17.6 T	704
C/2002 J5	2003 06 22.29891	17 54 48.09	+39 49 55.0	17.7 T	704
C/2002 J5	2003 06 22.30875	17 54 47.24	+39 49 57.4	18.1 T	704
C/2002 J5	2003 06 22.31866	17 54 46.39	+39 49 59.5	17.9 T	704
C/2002 J5	2003 06 22.94326	17 53 53.46	+39 52 26.8	17.1 T	213
C/2002 J5	2003 06 22.94535	17 53 53.27	+39 52 27.6	17.2 T	213
C/2002 J5	2003 06 22.94772	17 53 53.09	+39 52 26.9	17.2 T	213
C/2002 J5	2003 06 26.23520	17 49 13.88	+40 03 52.3	17.3 T	785
C/2002 J5	2003 06 26.25418	17 49 12.27	+40 03 56.3	17.1 T	785
C/2002 J5	2003 06 27.29604	17 47 43.86	+40 06 59.3	17.2 T	699
C/2002 J5	2003 06 27.31327	17 47 42.46	+40 07 01.8		699
C/2002 J5	2003 06 27.33040	17 47 40.96	+40 07 05.5		699
C/2002 J5	2003 06 27.34748	17 47 39.34	+40 07 09.6		699
C/2002 J5	2003 06 27.98091	17 46 45.58	+40 08 55.6		046
C/2002 J5	2003 06 27.98240	17 46 45.43	+40 08 55.7		046
C/2002 J5	2003 06 27.98344	17 46 45.39	+40 08 55.2		046
C/2002 J5	2003 06 27.98441	17 46 45.31	+40 08 56.0		046
C/2002 J5	2003 06 27.98537	17 46 45.20	+40 08 56.4		046
C/2002 J5	2003 06 27.98631	17 46 45.12	+40 08 56.4		046
C/2002 J5	2003 06 28.97556	17 45 21.26	+40 11 28.6	17.1 T	213

C/2002 J5	2003 06 28.97802	17 45 21.02	+40 11 29.3	17.1 T	213
C/2002 J5	2003 06 28.98108	17 45 20.82	+40 11 29.5	17.1 T	213
C/2002 J5	2003 07 02.31008	17 40 39.67	+40 18 22.6	16.6 T	785
C/2002 J5	2003 07 02.32340	17 40 38.59	+40 18 21.6	17.0 T	785
C/2002 J5	2003 07 06.88354	17 34 19.02	+40 23 42.3	17.1 T	213
C/2002 J5	2003 07 06.88727	17 34 18.65	+40 23 41.6	17.1 T	213
C/2002 J5	2003 07 07.55196	17 33 24.07	+40 24 06.1	17.0 T	360
C/2002 J5	2003 07 07.55426	17 33 23.88	+40 24 05.9		360
C/2002 J5	2003 07 08.26309	17 32 25.70	+40 24 22.5	17.5 T	785
C/2002 J5	2003 07 08.29689	17 32 22.84	+40 24 23.9	17.4 T	785
C/2002 J5	2003 07 10.22610	17 29 46.30	+40 24 41.8	17.8 T	704
C/2002 J5	2003 07 10.23613	17 29 45.40	+40 24 42.2	18.1 T	704
C/2002 J5	2003 07 10.24626	17 29 44.63	+40 24 41.5	17.9 T	704
C/2002 J5	2003 07 10.25622	17 29 43.84	+40 24 41.0	18.0 T	704
C/2002 J5	2003 07 10.26612	17 29 42.95	+40 24 41.9	17.8 T	704
C/2002 J5	2003 07 11.97359	17 27 25.92	+40 24 16.6	17.0 T	213
C/2002 J5	2003 07 11.97589	17 27 25.76	+40 24 16.0	17.0 T	213
C/2002 J5	2003 07 11.98328	17 27 25.15	+40 24 15.4	16.9 T	213
C/2002 J5	2003 07 12.01291	17 27 22.95	+40 24 14.7		118
C/2002 J5	2003 07 12.02010	17 27 22.31	+40 24 14.8		118
C/2002 J5	2003 07 12.02716	17 27 21.77	+40 24 14.4	17.6 N	118
C/2002 J5	2003 07 14.99545	17 23 28.09	+40 22 03.5	16.7 T	A32
C/2002 J5	2003 07 14.99839	17 23 27.86	+40 22 02.7	16.6 T	A32
C/2002 J5	2003 07 15.00134	17 23 27.57	+40 22 03.4	16.6 T	A32
C/2002 J5	2003 07 15.00428	17 23 27.36	+40 22 02.6	16.8 T	A32
C/2002 J5	2003 07 16.97936	17 20 55.17	+40 19 37.9		118
C/2002 J5	2003 07 16.98513	17 20 54.68	+40 19 37.7		118
C/2002 J5	2003 07 16.98914	17 20 54.34	+40 19 37.7	17.5 N	118
C/2002 J5	2003 07 18.94735	17 18 26.53	+40 16 29.1	16.7 N	442
C/2002 J5	2003 07 19.88083	17 17 16.76	+40 14 46.3		170
C/2002 J5	2003 07 19.88779	17 17 16.50	+40 14 44.2		170
C/2002 J5	2003 07 19.89203	17 17 16.11	+40 14 44.4		170
C/2002 J5	2003 07 19.93799	17 17 12.69	+40 14 38.9	17.1 T	204
C/2002 J5	2003 07 19.95244	17 17 11.66	+40 14 37.1	17.3 T	232
C/2002 J5	2003 07 19.96806	17 17 10.61	+40 14 34.2	17.3 T	232
C/2002 J5	2003 07 20.03389	17 17 05.61	+40 14 25.8	16.4 T	A32
C/2002 J5	2003 07 20.03684	17 17 05.34	+40 14 26.2	16.5 T	A32
C/2002 J5	2003 07 20.03978	17 17 05.19	+40 14 26.2	16.3 T	A32
C/2002 J5	2003 07 20.94951	17 15 58.17	+40 12 34.2	16.6 T	458
C/2002 J5	2003 07 20.96400	17 15 57.25	+40 12 30.4	16.6 T	458
C/2002 J5	2003 07 21.94625	17 14 45.70	+40 10 20.7	17.6 N	J87
C/2002 J5	2003 07 21.98301	17 14 43.02	+40 10 15.3	17.5 N	J87
C/2002 J5	2003 07 23.02362	17 13 28.33	+40 07 44.5	16.6 T	A32
C/2002 J5	2003 07 23.02656	17 13 28.06	+40 07 43.4	16.6 T	A32
C/2002 J5	2003 07 23.02950	17 13 27.91	+40 07 42.8	16.6 T	A32
C/2002 J5	2003 07 23.03244	17 13 27.72	+40 07 42.4	16.5 T	A32
C/2002 J5	2003 07 25.94788	17 10 03.57	+39 59 43.9	16.9 T	213
C/2002 J5	2003 07 25.94956	17 10 03.53	+39 59 43.8	16.9 T	213
C/2002 J5	2003 07 25.94957	17 10 03.41	+39 59 44.2	16.9 N	442
C/2002 J5	2003 07 25.95126	17 10 03.18	+39 59 44.1	16.9 T	213
C/2002 J5	2003 07 26.01079	17 09 59.24	+39 59 33.8	17.0 T	232
C/2002 J5	2003 07 26.02115	17 09 58.43	+39 59 32.0	16.9 T	232
C/2002 J5	2003 07 26.03291	17 09 57.64	+39 59 28.5	17.1 T	232

C/2002 J5	2003 07 26.90621	17 08 58.13	+39 56 48.8	17.4 N	130
C/2002 J5	2003 07 26.90928	17 08 57.94	+39 56 48.1	18.0 N	130
C/2002 J5	2003 07 26.91235	17 08 57.74	+39 56 47.7	18.3 N	130
C/2002 J5	2003 07 26.91542	17 08 57.49	+39 56 47.0	17.7 N	130
C/2002 J5	2003 07 26.93187	17 08 56.38	+39 56 44.0	16.9 T	232
C/2002 J5	2003 07 26.94684	17 08 55.33	+39 56 41.4	16.9 T	232
C/2002 J5	2003 07 26.95843	17 08 54.59	+39 56 39.1	17.0 T	232
C/2002 J5	2003 07 29.95002	17 05 36.42	+39 46 37.2	16.5 T	A32
C/2002 J5	2003 07 29.95296	17 05 36.23	+39 46 36.6	16.6 T	A32
C/2002 J5	2003 07 29.95590	17 05 36.04	+39 46 35.9	16.6 T	A32
C/2002 J5	2003 07 29.95884	17 05 35.85	+39 46 35.3	16.5 T	A32
C/2002 J5	2003 07 29.96178	17 05 35.64	+39 46 34.6	16.5 T	A32
C/2002 J5	2003 07 30.54392	17 04 58.16	+39 44 29.6	16.9 T	360
C/2002 J5	2003 07 30.54686	17 04 57.95	+39 44 28.7		360
C/2002 J5	2003 07 31.96569	17 03 28.08	+39 39 09.0	16.5 T	A32
C/2002 J5	2003 07 31.96863	17 03 27.86	+39 39 08.4	16.5 T	A32
C/2002 J5	2003 07 31.97157	17 03 27.67	+39 39 07.3	16.4 T	A32
C/2002 J5	2003 07 31.97451	17 03 27.47	+39 39 07.0	16.6 T	A32
C/2002 J5	2003 07 31.97745	17 03 27.31	+39 39 05.9	16.6 T	A32
C/2002 J5	2003 08 01.93515	17 02 27.81	+39 35 22.4	16.7 N	213
C/2002 J5	2003 08 01.93669	17 02 27.88	+39 35 21.1	16.7 N	213
C/2002 J5	2003 08 01.93799	17 02 27.49	+39 35 21.0	16.7 N	213
C/2002 J5	2003 08 02.87225	17 01 30.52	+39 31 36.8	17.2 T	215
C/2002 J5	2003 08 02.87292	17 01 30.44	+39 31 36.1	17.2 T	215
C/2002 J5	2003 08 02.87343	17 01 30.41	+39 31 37.1	17.3 T	215
C/2002 J5	2003 08 02.94265	17 01 26.19	+39 31 20.0	17.1 T	232
C/2002 J5	2003 08 02.95237	17 01 25.61	+39 31 17.5	17.0 T	232
C/2002 J5	2003 08 02.96008	17 01 25.22	+39 31 15.6	17.0 T	232
C/2002 J5	2003 08 03.88622	17 00 29.55	+39 27 25.6	16.9 N	442

C/2002 L9 (NEAT)

C/2002 L9	2003 07 18.60417	21 19 59.71	-51 42 46.9	16.2 N	E14
C/2002 L9	2003 07 18.61128	21 19 59.48	-51 42 50.2	16.1 N	E14
C/2002 L9	2003 07 18.61839	21 19 59.26	-51 42 51.7	16.1 N	E14
C/2002 L9	2003 07 18.62550	21 19 59.09	-51 42 55.7	16.6 N	E14
C/2002 L9	2003 08 02.61768	21 11 52.76	-53 24 10.5	15.9 N	E14
C/2002 L9	2003 08 02.62131	21 11 52.63	-53 24 12.2	15.8 N	E14
C/2002 L9	2003 08 02.62494	21 11 52.51	-53 24 13.5	15.9 N	E14

C/2002 O7 (LINEAR)

C/2002 O7	2003 03 26.05375	15 22 50.65	+38 51 50.6		084
C/2002 O7	2003 03 27.05179	15 21 02.89	+39 05 37.6		084
C/2002 O7	2003 03 29.01266	15 17 19.30	+39 32 23.4		084
C/2002 O7	2003 03 29.99380	15 15 21.32	+39 45 35.4		084
C/2002 O7	2003 04 02.06876	15 08 44.43	+40 25 53.6		084
C/2002 O7	2003 04 03.01077	15 06 34.68	+40 37 49.1		084
C/2002 O7	2003 04 15.87860	14 30 30.14	+42 47 28.9		084
C/2002 O7	2003 04 20.02458	14 16 29.09	+43 09 40.2		084
C/2002 O7	2003 04 23.88553	14 02 37.35	+43 18 35.7		127
C/2002 O7	2003 04 23.88890	14 02 36.61	+43 18 35.7		127
C/2002 O7	2003 04 23.89250	14 02 35.81	+43 18 36.0		127
C/2002 O7	2003 04 23.89561	14 02 35.17	+43 18 36.1		127
C/2002 O7	2003 04 23.94411	14 02 24.19	+43 18 37.3		084
C/2002 O7	2003 04 24.95319	13 58 40.37	+43 18 50.9		084

2003 AUG. 6

M.P.C. 49233

C/2002 O7	2003 04 26.00618	13 54 44.49	+43 18 07.2	084	C/2002 O7	2003 06 09.88590	11 35 42.76	+28 56 42.2	048
C/2002 O7	2003 05 05.95448	13 16 46.64	+42 19 52.2	084	C/2002 O7	2003 06 10.86821	11 33 59.82	+28 27 10.3	619
C/2002 O7	2003 05 09.91214	13 01 55.50	+41 30 25.3	084	C/2002 O7	2003 06 11.87373	11 32 18.17	+27 56 45.0	A46
C/2002 O7	2003 05 11.98280	12 54 22.17	+40 58 48.6	084	C/2002 O7	2003 06 11.87485	11 32 17.98	+27 56 44.4	A46
C/2002 O7	2003 05 12.87182	12 51 10.48	+40 44 07.8	084	C/2002 O7	2003 06 11.87596	11 32 17.91	+27 56 40.7	A46
C/2002 O7	2003 05 13.89455	12 47 32.78	+40 26 22.5	084	C/2002 O7	2003 06 11.87708	11 32 17.78	+27 56 40.3	A46
C/2002 O7	2003 05 19.89204	12 27 26.08	+38 25 54.4	127	C/2002 O7	2003 06 11.87821	11 32 17.65	+27 56 37.4	A46
C/2002 O7	2003 05 19.89484	12 27 25.56	+38 25 50.6	127	C/2002 O7	2003 06 11.88045	11 32 17.49	+27 56 32.3	A46
C/2002 O7	2003 05 19.89859	12 27 24.84	+38 25 45.6	127	C/2002 O7	2003 06 11.88159	11 32 17.29	+27 56 31.5	A46
C/2002 O7	2003 05 19.90144	12 27 24.30	+38 25 41.8	127	C/2002 O7	2003 06 11.88272	11 32 17.21	+27 56 28.2	A46
C/2002 O7	2003 05 19.91008	12 27 22.62	+38 25 29.4	084	C/2002 O7	2003 06 11.88384	11 32 17.15	+27 56 27.6	A46
C/2002 O7	2003 05 25.89512	12 09 34.60	+36 01 29.0	084	C/2002 O7	2003 06 11.88497	11 32 17.03	+27 56 24.9	A46
C/2002 O7	2003 06 03.87124	11 47 30.47	+31 54 32.7	048	C/2002 O7	2003 06 11.88609	11 32 16.78	+27 56 24.4	A46
C/2002 O7	2003 06 03.87270	11 47 30.25	+31 54 30.9	048	C/2002 O7	2003 06 11.88722	11 32 16.79	+27 56 21.4	A46
C/2002 O7	2003 06 03.87414	11 47 30.11	+31 54 27.9	048	C/2002 O7	2003 06 11.88834	11 32 16.63	+27 56 18.6	A46
C/2002 O7	2003 06 03.87559	11 47 29.86	+31 54 25.5	048	C/2002 O7	2003 06 11.88947	11 32 16.46	+27 56 17.9	A46
C/2002 O7	2003 06 03.87705	11 47 29.73	+31 54 22.6	048	C/2002 O7	2003 06 11.89060	11 32 16.32	+27 56 15.9	A46
C/2002 O7	2003 06 03.87851	11 47 29.47	+31 54 20.7	048	C/2002 O7	2003 06 12.90155	11 30 37.36	+27 25 36.6	619
C/2002 O7	2003 06 03.87997	11 47 29.30	+31 54 18.6	048	C/2002 O7	2003 06 12.90226	11 30 37.33	+27 25 34.5	619
C/2002 O7	2003 06 03.88144	11 47 29.10	+31 54 16.0	048	C/2002 O7	2003 06 12.90298	11 30 37.23	+27 25 32.8	619
C/2002 O7	2003 06 03.88289	11 47 28.90	+31 54 12.6	048	C/2002 O7	2003 06 16.87456	11 24 41.08	+25 24 28.5	A46
C/2002 O7	2003 06 03.88586	11 47 28.53	+31 54 07.7	048	C/2002 O7	2003 06 16.87568	11 24 40.99	+25 24 26.8	A46
C/2002 O7	2003 06 04.88074	11 45 21.95	+31 25 12.1	A46	C/2002 O7	2003 06 16.87681	11 24 40.85	+25 24 24.6	A46
C/2002 O7	2003 06 04.88186	11 45 21.84	+31 25 10.9	A46	C/2002 O7	2003 06 16.87792	11 24 40.81	+25 24 21.9	A46
C/2002 O7	2003 06 04.88299	11 45 21.74	+31 25 08.6	A46	C/2002 O7	2003 06 16.88355	11 24 40.24	+25 24 11.6	A46
C/2002 O7	2003 06 04.88411	11 45 21.60	+31 25 05.9	A46	C/2002 O7	2003 06 16.88468	11 24 40.19	+25 24 10.0	A46
C/2002 O7	2003 06 04.88524	11 45 21.34	+31 25 04.5	A46	C/2002 O7	2003 06 17.87022	11 23 19.42	+24 54 00.4	A46
C/2002 O7	2003 06 04.88637	11 45 21.23	+31 25 02.0	A46	C/2002 O7	2003 06 17.87134	11 23 19.26	+24 53 58.1	A46
C/2002 O7	2003 06 04.88749	11 45 21.07	+31 25 00.4	A46	C/2002 O7	2003 06 17.87810	11 23 18.78	+24 53 46.8	A46
C/2002 O7	2003 06 04.88861	11 45 20.97	+31 24 58.7	A46	C/2002 O7	2003 06 17.88035	11 23 18.61	+24 53 41.6	A46
C/2002 O7	2003 06 04.88975	11 45 20.89	+31 24 55.8	A46	C/2002 O7	2003 06 17.88147	11 23 18.49	+24 53 39.4	A46
C/2002 O7	2003 06 04.89087	11 45 20.66	+31 24 53.5	A46	C/2002 O7	2003 06 17.88258	11 23 18.33	+24 53 37.2	A46
C/2002 O7	2003 06 04.89199	11 45 20.50	+31 24 51.5	A46	C/2002 O7	2003 06 18.89236	11 21 58.50	+24 22 43.5	15.4 N 235
C/2002 O7	2003 06 04.89312	11 45 20.46	+31 24 50.0	A46	C/2002 O7	2003 06 18.89550	11 21 58.13	+24 22 38.0	15.5 N 458
C/2002 O7	2003 06 04.89425	11 45 20.27	+31 24 48.1	A46	C/2002 O7	2003 06 18.90138	11 21 57.94	+24 22 25.5	15.5 N 458
C/2002 O7	2003 06 04.89537	11 45 20.22	+31 24 45.3	A46	C/2002 O7	2003 06 18.90584	11 21 57.47	+24 22 12.8	15.6 N 458
C/2002 O7	2003 06 04.89649	11 45 20.05	+31 24 44.1	A46	C/2002 O7	2003 06 19.14014	11 21 39.30	+24 15 09.4	14.9 T H41
C/2002 O7	2003 06 07.91431	11 39 19.62	+29 55 43.7	15.4 N 232	C/2002 O7	2003 06 19.89927	11 20 42.20	+23 51 52.3	15.6 N 213
C/2002 O7	2003 06 07.91692	11 39 19.40	+29 55 39.4	15.3 N 232	C/2002 O7	2003 06 19.90046	11 20 41.82	+23 51 51.1	15.6 N 213
C/2002 O7	2003 06 07.92472	11 39 18.61	+29 55 25.5	15.4 N 232	C/2002 O7	2003 06 19.90356	11 20 41.47	+23 51 45.1	15.6 N 213
C/2002 O7	2003 06 08.11971	11 38 56.52	+29 49 38.3	13.7 T H41	C/2002 O7	2003 06 20.16450	11 20 22.37	+23 43 45.9	15.6 T 333
C/2002 O7	2003 06 08.12190	11 38 56.28	+29 49 34.6	13.8 T H41	C/2002 O7	2003 06 20.17501	11 20 21.50	+23 43 27.4	15.8 T 333
C/2002 O7	2003 06 09.85323	11 35 46.17	+28 57 44.1	15.4 N 213	C/2002 O7	2003 06 20.18541	11 20 20.68	+23 43 07.8	16.6 T 333
C/2002 O7	2003 06 09.85439	11 35 46.20	+28 57 42.1	15.4 N 213	C/2002 O7	2003 06 20.19581	11 20 19.78	+23 42 49.6	17.7 T 333
C/2002 O7	2003 06 09.87269	11 35 44.36	+28 57 07.7	048	C/2002 O7	2003 06 20.49069	11 19 58.04	+23 33 46.0	13.8 T 360
C/2002 O7	2003 06 09.87416	11 35 44.22	+28 57 04.2	048	C/2002 O7	2003 06 20.49314	11 19 57.83	+23 33 41.4	360
C/2002 O7	2003 06 09.87564	11 35 44.00	+28 57 01.4	048	C/2002 O7	2003 06 20.90706	11 19 27.96	+23 20 59.8	15.4 N 939
C/2002 O7	2003 06 09.87711	11 35 43.82	+28 56 59.1	048	C/2002 O7	2003 06 20.91462	11 19 27.43	+23 20 46.1	15.4 N 939
C/2002 O7	2003 06 09.87859	11 35 43.68	+28 56 56.5	048	C/2002 O7	2003 06 20.92221	11 19 26.93	+23 20 32.3	15.4 N 939
C/2002 O7	2003 06 09.88006	11 35 43.49	+28 56 53.3	048	C/2002 O7	2003 06 21.87772	11 18 19.31	+22 51 14.5	15.5 N 232
C/2002 O7	2003 06 09.88150	11 35 43.27	+28 56 50.7	048	C/2002 O7	2003 06 21.88293	11 18 19.01	+22 51 04.6	15.5 N 232
C/2002 O7	2003 06 09.88300	11 35 43.12	+28 56 47.6	048	C/2002 O7	2003 06 21.88551	11 18 18.93	+22 50 59.8	15.5 N 232
C/2002 O7	2003 06 09.88446	11 35 42.98	+28 56 45.1	048	C/2002 O7	2003 06 21.89250	11 18 18.28	+22 50 47.8	15.5 N 213

C/2002 O7	2003 06 21.89397	11 18 18.12	+22 50 44.9	15.6 N	213
C/2002 O7	2003 06 21.89509	11 18 18.01	+22 50 42.5	15.6 N	213
C/2002 O7	2003 06 21.90318	11 18 17.70	+22 50 27.5	15.4 N	445
C/2002 O7	2003 06 21.91909	11 18 16.53	+22 49 59.4	15.4 N	939
C/2002 O7	2003 06 21.92676	11 18 16.00	+22 49 45.1	15.3 N	939
C/2002 O7	2003 06 21.93439	11 18 15.47	+22 49 30.8	15.3 N	939
C/2002 O7	2003 06 22.14378	11 18 00.87	+22 43 06.9	14.3 T	H41
C/2002 O7	2003 06 22.14976	11 18 00.48	+22 42 56.6	15.7 N	H41
C/2002 O7	2003 06 23.11341	11 16 55.47	+22 13 25.9	14.4 T	H41
C/2002 O7	2003 06 24.12652	11 15 49.88	+21 42 23.9	15.9 N	H41
C/2002 O7	2003 06 24.13237	11 15 49.34	+21 42 13.3	13.8 T	H41
C/2002 O7	2003 06 24.86718	11 15 03.58	+21 19 42.5		A46
C/2002 O7	2003 06 24.86943	11 15 03.39	+21 19 38.3		A46
C/2002 O7	2003 06 24.87056	11 15 03.33	+21 19 36.4		A46
C/2002 O7	2003 06 24.87168	11 15 03.21	+21 19 33.9		A46
C/2002 O7	2003 06 24.87282	11 15 03.17	+21 19 31.8		A46
C/2002 O7	2003 06 24.87414	11 15 03.09	+21 19 28.9		A46
C/2002 O7	2003 06 25.86880	11 14 02.89	+20 49 05.7		A46
C/2002 O7	2003 06 25.87105	11 14 02.76	+20 49 01.1		A46
C/2002 O7	2003 06 25.87218	11 14 02.67	+20 48 58.6		A46
C/2002 O7	2003 06 25.87365	11 14 02.63	+20 48 55.7		A46
C/2002 O7	2003 06 25.87590	11 14 02.52	+20 48 52.3		A46
C/2002 O7	2003 06 25.87704	11 14 02.39	+20 48 49.7		A46
C/2002 O7	2003 06 26.92281	11 13 01.66	+20 16 52.4	14.7 T	A32
C/2002 O7	2003 06 26.92625	11 13 01.49	+20 16 46.1	15.0 T	A32
C/2002 O7	2003 06 26.92853	11 13 01.37	+20 16 42.6	14.9 T	A32
C/2002 O7	2003 06 28.12291	11 11 54.72	+19 40 16.6	14.7 N	H41
C/2002 O7	2003 06 28.12534	11 11 54.65	+19 40 12.5	14.8 N	H41
C/2002 O7	2003 06 28.87624	11 11 14.82	+19 17 22.6	14.6 N	445
C/2002 O7	2003 06 28.88565	11 11 14.43	+19 17 05.7	14.5 N	445
C/2002 O7	2003 06 29.15093	11 11 00.05	+19 08 56.1	14.8 T	H41
C/2002 O7	2003 06 29.15498	11 10 59.92	+19 08 49.0	14.8 T	H41
C/2002 O7	2003 06 29.50751	11 10 41.92	+18 58 04.6		349
C/2002 O7	2003 06 29.50903	11 10 41.84	+18 58 01.8		349
C/2002 O7	2003 06 29.51119	11 10 41.74	+18 57 57.6		349
C/2002 O7	2003 06 29.51471	11 10 41.58	+18 57 51.3	13.1 T	349
C/2002 O7	2003 06 29.85816	11 10 24.32	+18 47 24.4	14.8 N	J97
C/2002 O7	2003 06 29.85852	11 10 24.30	+18 47 22.3		A46
C/2002 O7	2003 06 29.86190	11 10 24.00	+18 47 16.6		A46
C/2002 O7	2003 06 29.86221	11 10 24.09	+18 47 16.6	14.8 N	J97
C/2002 O7	2003 06 29.86303	11 10 23.95	+18 47 14.0		A46
C/2002 O7	2003 06 29.86416	11 10 23.81	+18 47 12.1		A46
C/2002 O7	2003 06 29.86497	11 10 23.94	+18 47 11.4	14.8 N	J97
C/2002 O7	2003 06 29.86528	11 10 23.78	+18 47 09.6		A46
C/2002 O7	2003 06 29.86753	11 10 23.63	+18 47 05.8		A46
C/2002 O7	2003 06 29.91552	11 10 21.34	+18 45 39.3	14.8 N	212
C/2002 O7	2003 06 29.91921	11 10 21.16	+18 45 32.4	14.7 N	212
C/2002 O7	2003 06 29.92205	11 10 21.02	+18 45 27.0	14.7 N	212
C/2002 O7	2003 06 30.05280	11 10 14.42	+18 41 30.5	15.5 T	H72
C/2002 O7	2003 06 30.05466	11 10 14.24	+18 41 27.2	15.6 T	H72
C/2002 O7	2003 06 30.05713	11 10 14.13	+18 41 22.6	15.6 T	H72
C/2002 O7	2003 06 30.05851	11 10 14.09	+18 41 19.8	15.7 T	H72
C/2002 O7	2003 06 30.05933	11 10 14.07	+18 41 18.6	15.4 T	H72

C/2002 O7	2003 07 02.86440	11 08 01.50	+17 16 05.0		A46
C/2002 O7	2003 07 02.86553	11 08 01.48	+17 16 02.9		A46
C/2002 O7	2003 07 02.86665	11 08 01.45	+17 16 01.1		A46
C/2002 O7	2003 07 02.86777	11 08 01.39	+17 15 59.2		A46
C/2002 O7	2003 07 02.86890	11 08 01.31	+17 15 57.1		A46
C/2002 O7	2003 07 02.87002	11 08 01.27	+17 15 54.9		A46
C/2002 O7	2003 07 07.85289	11 04 41.75	+14 45 26.0	13.8 N	213
C/2002 O7	2003 07 07.85538	11 04 41.76	+14 45 21.8	13.9 N	213
C/2002 O7	2003 07 07.85745	11 04 41.66	+14 45 18.9	13.8 N	213

C/2002 P1 (NEAT)

C/2002 P1	2003 07 04.10071	22 35 38.19	+11 19 16.1	19.9 N	620
C/2002 P1	2003 07 04.11784	22 35 38.13	+11 19 21.1	19.7 N	620
C/2002 P1	2003 07 07.07698	22 35 11.77	+11 29 58.5	19.6 N	620
C/2002 P1	2003 07 07.09145	22 35 11.64	+11 30 01.5	19.5 N	620
C/2002 P1	2003 07 07.10793	22 35 11.44	+11 30 05.3	18.9 N	620
C/2002 P1	2003 07 07.12679	22 35 11.26	+11 30 09.0	19.4 N	620

C/2002 R3 (LONEOS)

C/2002 R3	2003 07 12.03662	00 54 53.58	+21 58 49.8	16.2 T	213
C/2002 R3	2003 07 12.04255	00 54 53.29	+21 58 50.6	16.2 T	213
C/2002 R3	2003 07 18.05206	00 49 12.07	+22 12 00.2	16.5 T	204
C/2002 R3	2003 07 18.06112	00 49 11.63	+22 12 02.3	17.5 N	204
C/2002 R3	2003 07 22.37786	00 44 29.30	+22 18 57.1	17.4 T	704
C/2002 R3	2003 07 22.38795	00 44 28.58	+22 18 57.5	17.8 T	704
C/2002 R3	2003 07 22.39820	00 44 27.86	+22 18 59.6	17.8 T	704
C/2002 R3	2003 07 22.40850	00 44 27.09	+22 18 59.8	17.8 T	704
C/2002 R3	2003 07 22.41866	00 44 26.42	+22 19 01.4	17.5 T	704
C/2002 R3	2003 07 27.02524	00 38 48.82	+22 23 32.4		A46
C/2002 R3	2003 07 27.02750	00 38 48.63	+22 23 32.1		A46
C/2002 R3	2003 07 27.02862	00 38 48.54	+22 23 31.7		A46
C/2002 R3	2003 07 27.02975	00 38 48.40	+22 23 32.0		A46
C/2002 R3	2003 07 27.03088	00 38 48.33	+22 23 32.2		A46
C/2002 R3	2003 07 27.03201	00 38 48.28	+22 23 32.9		A46
C/2002 R3	2003 07 27.36833	00 38 22.26	+22 23 44.8	17.9 T	704
C/2002 R3	2003 07 27.37855	00 38 21.36	+22 23 45.4	17.8 T	704
C/2002 R3	2003 07 27.38911	00 38 20.48	+22 23 45.0	17.9 T	704
C/2002 R3	2003 07 27.39944	00 38 19.68	+22 23 45.9	17.7 T	704
C/2002 R3	2003 07 27.40988	00 38 18.75	+22 23 46.5	17.4 T	704
C/2002 R3	2003 08 02.61562	00 29 38.82	+22 23 56.9		342
C/2002 R3	2003 08 02.62951	00 29 37.56	+22 23 55.6		342
C/2002 R3	2003 08 02.66119	00 29 34.74	+22 23 55.9		349
C/2002 R3	2003 08 02.66802	00 29 34.11	+22 23 54.4		349
C/2002 R3	2003 08 02.67152	00 29 33.88	+22 23 54.5	16.3 T	349
C/2002 R3	2003 08 03.08095	00 28 56.94	+22 23 41.6	16.3 T	232
C/2002 R3	2003 08 03.09383	00 28 55.84	+22 23 39.5	16.2 T	232
C/2002 R3	2003 08 03.09897	00 28 55.40	+22 23 39.0	16.2 T	232
C/2002 R3	2003 08 03.66766	00 28 03.67	+22 23 14.9		349
C/2002 R3	2003 08 03.67095	00 28 03.40	+22 23 15.1		349
C/2002 R3	2003 08 03.67510	00 28 03.02	+22 23 15.0		349
C/2002 R3	2003 08 03.67862	00 28 02.67	+22 23 14.8	16.1 T	349
C/2002 R3	2003 08 03.94537	00 27 38.22	+22 23 01.5	16.1 N	213
C/2002 R3	2003 08 03.95709	00 27 37.16	+22 23 01.6	16.1 N	213
C/2002 R3	2003 08 03.95956	00 27 36.96	+22 23 01.4	16.1 N	213

2003 AUG. 6

M.P.C. 49235

C/2002 R3	2003 08 04.03271	00 27 30.19	+22 22 57.3		170
C/2002 R3	2003 08 04.03333	00 27 30.12	+22 22 57.4		170
C/2002 R3	2003 08 04.03428	00 27 30.03	+22 22 57.4		170

P/2002 S1 (Skiff)

P/2002 S1	2001 10 08.19962	21 12 46.82	-26 33 20.4	20.5 T	644
P/2002 S1	2001 10 08.21017	21 12 46.76	-26 33 11.4	20.5 T	644
P/2002 S1	2001 10 08.22065	21 12 46.71	-26 33 03.0	20.3 T	644

C/2002 T7 (LINEAR)

C/2002 T7	2003 08 02.07095	05 27 25.33	+29 54 35.7	14.6 N	A18
C/2002 T7	2003 08 02.07806	05 27 25.65	+29 54 36.2	14.6 N	A18
C/2002 T7	2003 08 02.77762	05 27 47.28	+29 56 20.0		349
C/2002 T7	2003 08 02.78534	05 27 47.50	+29 56 20.7		349
C/2002 T7	2003 08 02.78826	05 27 47.57	+29 56 22.1		349
C/2002 T7	2003 08 02.79002	05 27 47.59	+29 56 21.8	13.8 T	349
C/2002 T7	2003 08 03.73328	05 28 16.38	+29 58 41.0		349
C/2002 T7	2003 08 03.73648	05 28 16.50	+29 58 41.2		349
C/2002 T7	2003 08 03.74012	05 28 16.60	+29 58 42.1		349
C/2002 T7	2003 08 03.74177	05 28 16.63	+29 58 42.7	13.6 T	349
C/2002 T7	2003 08 04.06567	05 28 26.43	+29 59 30.4		048
C/2002 T7	2003 08 04.06637	05 28 26.41	+29 59 30.0		048
C/2002 T7	2003 08 04.06706	05 28 26.43	+29 59 30.3		048
C/2002 T7	2003 08 04.06775	05 28 26.46	+29 59 30.3		048
C/2002 T7	2003 08 04.06845	05 28 26.47	+29 59 30.2		048
C/2002 T7	2003 08 05.06012	05 28 56.25	+30 01 58.9		048
C/2002 T7	2003 08 05.06088	05 28 56.26	+30 01 59.1		048
C/2002 T7	2003 08 05.06164	05 28 56.26	+30 01 59.3		048
C/2002 T7	2003 08 05.06240	05 28 56.29	+30 01 59.5		048
C/2002 T7	2003 08 05.06315	05 28 56.33	+30 01 59.6		048

C/2002 V1 (NEAT)

C/2002 V1	2003 07 18.78894	05 09 44.90	-17 21 14.2	17.3 N	E14
C/2002 V1	2003 07 18.79606	05 09 45.07	-17 21 16.9	17.5 N	E14
C/2002 V1	2003 07 18.80246	05 09 45.39	-17 21 18.6	17.1 N	E14
C/2002 V1	2003 07 20.80022	05 11 08.27	-17 33 08.6	15.1 T	428
C/2002 V1	2003 07 25.81767	05 14 22.50	-18 04 58.2	18.1 N	428

C/2002 V2 (LINEAR)

C/2002 V2	2002 12 01.29555	05 16 36.74	+10 01 08.0	19.4 T	704
C/2002 V2	2002 12 01.31084	05 16 35.71	+10 01 06.3	19.5 T	704
C/2002 V2	2002 12 01.32599	05 16 34.80	+10 01 04.8	19.6 T	704

C/2002 Y1 (Juels-Holvorcem)

C/2002 Y1	2003 07 18.77839	03 42 40.98	-49 11 27.2	14.7 N	E14
C/2002 Y1	2003 07 18.77984	03 42 41.19	-49 11 31.6	14.7 N	E14
C/2002 Y1	2003 07 18.78130	03 42 41.38	-49 11 35.9	14.5 N	E14
C/2002 Y1	2003 08 02.24659	04 21 55.33	-60 19 18.8	12.1 T	860
C/2002 Y1	2003 08 02.24979	04 21 55.93	-60 19 26.6	12.5 T	860
C/2002 Y1	2003 08 02.25307	04 21 56.42	-60 19 35.4		860
C/2002 Y1	2003 08 02.25633	04 21 57.04	-60 19 43.2	12.5 T	860

P/2003 CP₇ (LINEAR-NEAT)

P/2003 CP ₇	2003 06 25.19183	11 30 46.44	+13 42 49.1	20.7 N	448
P/2003 CP ₇	2003 06 25.19786	11 30 46.96	+13 42 44.3	20.5 N	448
P/2003 CP ₇	2003 06 25.20460	11 30 47.40	+13 42 41.1	20.0 N	448

P/2003 CP ₇	2003 06 26.15369	11 31 44.71	+13 35 44.1	19.8 N	448
P/2003 CP ₇	2003 06 26.16047	11 31 45.17	+13 35 40.9	19.9 N	448
P/2003 CP ₇	2003 06 26.16864	11 31 45.71	+13 35 38.1	19.6 N	448

C/2003 E1 (NEAT)

C/2003 E1	2003 06 29.20145	12 18 22.04	+27 36 56.7	18.2 T	699
C/2003 E1	2003 06 29.21827	12 18 22.74	+27 36 50.8		699
C/2003 E1	2003 06 29.23518	12 18 23.47	+27 36 41.8		699
C/2003 E1	2003 06 29.25208	12 18 24.12	+27 36 35.0		699
C/2003 E1	2003 07 06.86757	12 23 58.49	+26 41 25.6	18.2 N	620
C/2003 E1	2003 07 06.87861	12 23 58.97	+26 41 20.7	18.2 N	620
C/2003 E1	2003 07 06.88962	12 23 59.52	+26 41 15.8	18.7 N	620

C/2003 F1 (LINEAR)

C/2003 F1	2003 06 03.93907	16 18 06.82	+50 13 17.3		048
C/2003 F1	2003 06 03.94052	16 18 06.63	+50 13 16.8		048
C/2003 F1	2003 06 03.94345	16 18 06.41	+50 13 14.6		048
C/2003 F1	2003 06 03.94492	16 18 06.39	+50 13 13.3		048
C/2003 F1	2003 06 03.94637	16 18 06.09	+50 13 12.0		048
C/2003 F1	2003 06 04.98802	16 16 50.70	+50 02 05.8		A46
C/2003 F1	2003 06 04.98949	16 16 50.59	+50 02 04.3		A46
C/2003 F1	2003 06 04.99096	16 16 50.53	+50 02 04.2		A46
C/2003 F1	2003 06 04.99244	16 16 50.36	+50 02 02.3		A46
C/2003 F1	2003 06 04.99391	16 16 50.28	+50 02 01.8		A46
C/2003 F1	2003 06 04.99539	16 16 50.07	+50 02 00.8		A46
C/2003 F1	2003 06 04.99686	16 16 50.02	+50 01 59.2		A46
C/2003 F1	2003 06 04.99834	16 16 49.91	+50 01 59.6		A46
C/2003 F1	2003 06 04.99980	16 16 49.76	+50 01 57.8		A46
C/2003 F1	2003 06 05.00127	16 16 49.66	+50 01 56.4		A46
C/2003 F1	2003 06 05.00274	16 16 49.52	+50 01 56.1		A46
C/2003 F1	2003 06 05.00425	16 16 49.43	+50 01 54.8		A46
C/2003 F1	2003 06 05.00573	16 16 49.32	+50 01 54.7		A46
C/2003 F1	2003 06 05.00720	16 16 49.18	+50 01 53.5		A46
C/2003 F1	2003 06 05.00867	16 16 49.05	+50 01 52.1		A46
C/2003 F1	2003 06 07.40860	16 13 58.41	+49 34 58.6	17.0 T	H41
C/2003 F1	2003 06 07.93032	16 13 22.11	+49 28 55.2	16.8 N	213
C/2003 F1	2003 06 07.93204	16 13 22.03	+49 28 54.3	16.8 N	213
C/2003 F1	2003 06 07.93383	16 13 21.91	+49 28 52.5	16.8 N	213
C/2003 F1	2003 06 07.99043	16 13 17.87	+49 28 12.0	16.8 T	232
C/2003 F1	2003 06 07.99302	16 13 17.69	+49 28 10.0	16.8 T	232
C/2003 F1	2003 06 07.99824	16 13 17.33	+49 28 06.8	16.8 T	232
C/2003 F1	2003 06 08.26726	16 12 58.60	+49 24 57.2	17.2 T	H41
C/2003 F1	2003 06 08.27822	16 12 57.93	+49 24 49.9	17.1 T	H41
C/2003 F1	2003 06 09.12948	16 11 59.39	+49 14 41.4	16.9 N	785
C/2003 F1	2003 06 09.14175	16 11 58.46	+49 14 30.2	17.1 N	785
C/2003 F1	2003 06 09.27736	16 11 49.11	+49 12 53.7	16.7 T	H41
C/2003 F1	2003 06 09.28669	16 11 48.39	+49 12 46.0	16.7 T	H41
C/2003 F1	2003 06 09.93948	16 11 04.12	+49 04 48.5		048
C/2003 F1	2003 06 09.94240	16 11 03.82	+49 04 45.4		048
C/2003 F1	2003 06 09.94387	16 11 03.70	+49 04 44.3		048
C/2003 F1	2003 06 09.94683	16 11 03.52	+49 04 42.8		048
C/2003 F1	2003 06 09.94972	16 11 03.39	+49 04 40.0		048
C/2003 F1	2003 06 11.26557	16 09 35.25	+48 48 15.9	17.3 T	704
C/2003 F1	2003 06 11.27566	16 09 34.50	+48 48 08.6	17.8 T	704

C/2003 F1	2003 06 11.28573	16 09 33.87	+48 48 00.9	18.0 T	704
C/2003 F1	2003 06 11.29589	16 09 33.11	+48 47 52.8	17.7 T	704
C/2003 F1	2003 06 11.30609	16 09 32.51	+48 47 44.5	18.0 T	704
C/2003 F1	2003 06 12.29396	16 08 27.52	+48 35 06.4	16.9 T	699
C/2003 F1	2003 06 12.30891	16 08 26.42	+48 34 55.0		699
C/2003 F1	2003 06 12.32260	16 08 25.47	+48 34 44.7		699
C/2003 F1	2003 06 12.33636	16 08 24.68	+48 34 33.4		699
C/2003 F1	2003 06 16.25954	16 04 17.62	+47 41 40.8	17.4 N	785
C/2003 F1	2003 06 16.27595	16 04 16.56	+47 41 25.0	17.0 N	785
C/2003 F1	2003 06 16.28904	16 04 15.70	+47 41 15.7	17.5 N	785
C/2003 F1	2003 06 16.30552	16 04 14.78	+47 41 02.1	17.5 N	785
C/2003 F1	2003 06 16.31292	16 04 14.27	+47 40 55.9	17.2 T	H41
C/2003 F1	2003 06 16.31767	16 04 14.11	+47 40 53.0	17.2 T	H41
C/2003 F1	2003 06 16.32330	16 04 13.62	+47 40 46.2	17.3 N	785
C/2003 F1	2003 06 16.89208	16 03 39.38	+47 32 46.6		048
C/2003 F1	2003 06 16.90223	16 03 38.76	+47 32 38.3		048
C/2003 F1	2003 06 16.91382	16 03 38.14	+47 32 29.0		048
C/2003 F1	2003 06 16.92396	16 03 37.53	+47 32 20.3		048
C/2003 F1	2003 06 16.93265	16 03 37.06	+47 32 13.8		048
C/2003 F1	2003 06 17.00459	16 03 32.67	+47 31 10.6	16.7 T	A32
C/2003 F1	2003 06 17.00909	16 03 32.38	+47 31 07.4	17.0 T	A32
C/2003 F1	2003 06 17.01471	16 03 32.07	+47 31 02.0	17.0 T	A32
C/2003 F1	2003 06 17.02034	16 03 31.74	+47 30 57.2	16.9 T	A32
C/2003 F1	2003 06 17.19933	16 03 21.03	+47 28 26.1	17.0 T	785
C/2003 F1	2003 06 17.22200	16 03 19.62	+47 28 05.3	16.8 T	785
C/2003 F1	2003 06 17.92659	16 02 37.98	+47 17 59.9		A46
C/2003 F1	2003 06 17.92807	16 02 37.88	+47 17 59.1		A46
C/2003 F1	2003 06 17.92954	16 02 37.80	+47 17 58.0		A46
C/2003 F1	2003 06 17.93100	16 02 37.67	+47 17 55.4		A46
C/2003 F1	2003 06 17.93691	16 02 37.34	+47 17 49.8		A46
C/2003 F1	2003 06 17.93986	16 02 37.18	+47 17 47.8		A46
C/2003 F1	2003 06 19.22713	16 01 22.62	+46 59 03.8	17.5 T	704
C/2003 F1	2003 06 19.23699	16 01 22.02	+46 58 55.4	18.1 T	704
C/2003 F1	2003 06 19.24679	16 01 21.45	+46 58 46.0	18.1 T	704
C/2003 F1	2003 06 19.25680	16 01 20.88	+46 58 37.7	17.9 T	704
C/2003 F1	2003 06 19.29631	16 01 18.58	+46 58 02.3	17.3 T	H41
C/2003 F1	2003 06 19.30345	16 01 18.18	+46 57 55.9	17.4 T	H41
C/2003 F1	2003 06 20.21977	16 00 26.57	+46 44 18.9	17.7 T	704
C/2003 F1	2003 06 20.22963	16 00 25.98	+46 44 10.8	17.9 T	704
C/2003 F1	2003 06 20.23943	16 00 25.41	+46 44 01.4	18.0 T	704
C/2003 F1	2003 06 20.27255	16 00 23.46	+46 43 31.5	17.3 T	H41
C/2003 F1	2003 06 20.91713	15 59 47.86	+46 33 49.1	17.2 T	215
C/2003 F1	2003 06 20.91774	15 59 47.84	+46 33 48.6	17.2 T	215
C/2003 F1	2003 06 20.91894	15 59 47.79	+46 33 47.5	17.1 T	215
C/2003 F1	2003 06 20.93691	15 59 46.74	+46 33 31.5		587
C/2003 F1	2003 06 20.94023	15 59 46.69	+46 33 27.5		587
C/2003 F1	2003 06 20.94315	15 59 46.35	+46 33 27.0		587
C/2003 F1	2003 06 20.98042	15 59 44.26	+46 32 51.3		A46
C/2003 F1	2003 06 20.98189	15 59 44.26	+46 32 49.6		A46
C/2003 F1	2003 06 20.98481	15 59 44.00	+46 32 47.0		A46
C/2003 F1	2003 06 20.98628	15 59 44.00	+46 32 45.4		A46
C/2003 F1	2003 06 20.99072	15 59 43.66	+46 32 41.2		A46
C/2003 F1	2003 06 20.99219	15 59 43.64	+46 32 40.8		A46

C/2003 F1	2003 06 21.00834	15 59 42.87	+46 32 25.2	17.2 N	A18
C/2003 F1	2003 06 21.03071	15 59 41.81	+46 32 06.4	17.2 T	A02
C/2003 F1	2003 06 21.03152	15 59 41.53	+46 32 04.4	16.4 N	442
C/2003 F1	2003 06 21.03296	15 59 41.53	+46 32 03.2	17.1 T	A02
C/2003 F1	2003 06 21.03748	15 59 41.00	+46 31 56.4	17.2 T	A02
C/2003 F1	2003 06 21.91580	15 58 53.68	+46 18 35.3	16.5 N	445
C/2003 F1	2003 06 21.91803	15 58 53.40	+46 18 33.2	16.4 N	445
C/2003 F1	2003 06 21.92361	15 58 53.11	+46 18 26.1	16.5 N	445
C/2003 F1	2003 06 21.93300	15 58 52.70	+46 18 19.6	16.5 N	445
C/2003 F1	2003 06 21.94523	15 58 52.11	+46 18 08.5	17.1 T	232
C/2003 F1	2003 06 21.95122	15 58 51.64	+46 18 03.0	17.1 T	232
C/2003 F1	2003 06 21.95380	15 58 51.54	+46 18 00.5	17.1 T	232
C/2003 F1	2003 06 21.97324	15 58 50.38	+46 17 42.3		A46
C/2003 F1	2003 06 21.97619	15 58 50.30	+46 17 39.5		A46
C/2003 F1	2003 06 21.97765	15 58 50.14	+46 17 39.1		A46
C/2003 F1	2003 06 21.98061	15 58 50.07	+46 17 35.4		A46
C/2003 F1	2003 06 21.98212	15 58 49.96	+46 17 33.5		A46
C/2003 F1	2003 06 21.98359	15 58 49.86	+46 17 33.5		A46
C/2003 F1	2003 06 22.19919	15 58 38.40	+46 14 14.7	17.2 T	H41
C/2003 F1	2003 06 22.20311	15 58 38.18	+46 14 11.2	17.2 T	H41
C/2003 F1	2003 06 22.21711	15 58 37.47	+46 13 57.4	17.2 T	H41
C/2003 F1	2003 06 22.90005	15 58 01.41	+46 03 21.9	17.0 T	213
C/2003 F1	2003 06 22.90331	15 58 01.25	+46 03 19.0	17.0 T	213
C/2003 F1	2003 06 22.90581	15 58 01.07	+46 03 16.5	17.0 T	213
C/2003 F1	2003 06 22.94068	15 57 59.18	+46 02 40.7	17.2 T	J97
C/2003 F1	2003 06 22.94959	15 57 58.79	+46 02 35.9	17.2 T	J97
C/2003 F1	2003 06 23.14875	15 57 48.38	+45 59 29.6	17.3 T	H41
C/2003 F1	2003 06 24.20400	15 56 54.21	+45 42 51.6	17.4 T	785
C/2003 F1	2003 06 24.22800	15 56 52.69	+45 42 28.4	17.1 T	785
C/2003 F1	2003 06 24.34383	15 56 47.04	+45 40 39.2	17.3 T	H41
C/2003 F1	2003 06 24.35109	15 56 46.62	+45 40 32.1	17.3 T	H41
C/2003 F1	2003 06 24.95565	15 56 16.37	+45 30 51.5		A46
C/2003 F1	2003 06 24.95711	15 56 16.25	+45 30 50.7		A46
C/2003 F1	2003 06 24.96008	15 56 16.12	+45 30 48.0		A46
C/2003 F1	2003 06 24.96155	15 56 16.01	+45 30 46.2		A46
C/2003 F1	2003 06 24.96303	15 56 15.96	+45 30 44.7		A46
C/2003 F1	2003 06 24.96597	15 56 15.77	+45 30 42.4		A46
C/2003 F1	2003 06 25.29633	15 55 59.40	+45 25 23.8	17.3 T	H41
C/2003 F1	2003 06 25.30471	15 55 59.02	+45 25 15.6	17.3 T	H41
C/2003 F1	2003 06 25.94510	15 55 27.84	+45 14 54.2		A46
C/2003 F1	2003 06 25.94806	15 55 27.68	+45 14 50.5		A46
C/2003 F1	2003 06 25.95248	15 55 27.44	+45 14 46.4		A46
C/2003 F1	2003 06 25.95396	15 55 27.37	+45 14 45.3		A46
C/2003 F1	2003 06 25.95543	15 55 27.27	+45 14 44.5		A46
C/2003 F1	2003 06 25.95691	15 55 27.20	+45 14 43.2		A46
C/2003 F1	2003 06 27.01372	15 54 36.98	+44 57 26.6	16.6 T	A32
C/2003 F1	2003 06 27.01814	15 54 36.73	+44 57 21.9	17.0 T	A32
C/2003 F1	2003 06 27.02109	15 54 36.62	+44 57 18.6	16.9 T	A32
C/2003 F1	2003 06 27.28589	15 54 24.17	+44 52 57.6	17.0 T	H41
C/2003 F1	2003 06 27.30689	15 54 23.20	+44 52 37.1	17.0 T	H41
C/2003 F1	2003 06 28.16840	15 53 43.77	+44 38 19.6	16.9 T	H41
C/2003 F1	2003 06 28.17510	15 53 43.47	+44 38 12.7	16.9 T	H41
C/2003 F1	2003 06 28.90913	15 53 10.63	+44 25 53.7	16.5 N	J87

2003 AUG. 6

M.P.C. 49237

C/2003 F1	2003 06 28.91716	15 53 10.24	+44 25 46.6	17.2 N	J87
C/2003 F1	2003 06 28.92581	15 53 09.92	+44 25 37.9	17.2 N	J87
C/2003 F1	2003 06 29.17594	15 52 58.81	+44 21 25.2	16.9 T	H41
C/2003 F1	2003 06 29.90696	15 52 27.18	+44 09 02.3	16.9 N	213
C/2003 F1	2003 06 29.91078	15 52 26.91	+44 08 56.7		A46
C/2003 F1	2003 06 29.91206	15 52 26.94	+44 08 56.4	16.8 N	213
C/2003 F1	2003 06 29.91226	15 52 26.83	+44 08 55.6		A46
C/2003 F1	2003 06 29.91373	15 52 26.84	+44 08 54.1		A46
C/2003 F1	2003 06 29.91520	15 52 26.74	+44 08 53.1		A46
C/2003 F1	2003 06 29.91963	15 52 26.55	+44 08 47.2		A46
C/2003 F1	2003 06 29.92110	15 52 26.50	+44 08 46.1		A46
C/2003 F1	2003 06 29.92459	15 52 26.38	+44 08 44.0	16.8 N	J97
C/2003 F1	2003 06 29.92887	15 52 25.35	+44 08 41.9	16.9 N	J97
C/2003 F1	2003 06 30.01348	15 52 22.55	+44 07 12.7	16.6 N	212
C/2003 F1	2003 06 30.01719	15 52 22.38	+44 07 08.9	16.6 N	212
C/2003 F1	2003 06 30.02043	15 52 22.25	+44 07 05.5	16.7 N	212
C/2003 F1	2003 06 30.11742	15 52 18.14	+44 05 29.0	17.2 N	785
C/2003 F1	2003 06 30.12314	15 52 17.68	+44 05 20.3	17.2 N	785
C/2003 F1	2003 06 30.13803	15 52 17.29	+44 05 07.5	17.3 N	785
C/2003 F1	2003 06 30.14745	15 52 16.88	+44 04 55.9	17.5 T	762
C/2003 F1	2003 06 30.15197	15 52 16.59	+44 04 51.8	17.4 N	785
C/2003 F1	2003 06 30.15259	15 52 16.63	+44 04 50.4	17.4 T	762
C/2003 F1	2003 06 30.18516	15 52 15.17	+44 04 17.4	16.9 T	785
C/2003 F1	2003 06 30.20255	15 52 14.41	+44 03 57.6	16.9 T	785
C/2003 F1	2003 06 30.85453	15 51 47.22	+43 52 51.2	16.5 N	442
C/2003 F1	2003 06 30.85954	15 51 47.13	+43 52 46.0	16.5 N	442
C/2003 F1	2003 06 30.95851	15 51 42.70	+43 51 01.9	17.1 N	J97
C/2003 F1	2003 06 30.96255	15 51 42.55	+43 50 58.4	17.1 N	J97
C/2003 F1	2003 07 01.10824	15 51 36.60	+43 48 30.1	17.3 T	H72
C/2003 F1	2003 07 01.10947	15 51 36.62	+43 48 28.0	17.8 T	H72
C/2003 F1	2003 07 01.11104	15 51 36.58	+43 48 27.3	17.6 T	H72
C/2003 F1	2003 07 01.11284	15 51 36.50	+43 48 23.7	17.5 T	H72
C/2003 F1	2003 07 02.15766	15 50 54.16	+43 30 18.1	16.7 T	H41
C/2003 F1	2003 07 02.16035	15 50 54.08	+43 30 15.4	16.7 T	H41
C/2003 F1	2003 07 02.23035	15 50 51.23	+43 29 00.6	16.5 T	785
C/2003 F1	2003 07 02.25234	15 50 50.27	+43 28 36.7	16.7 T	785
C/2003 F1	2003 07 02.92756	15 50 23.98	+43 16 49.8		A46
C/2003 F1	2003 07 02.92903	15 50 23.98	+43 16 48.6		A46
C/2003 F1	2003 07 02.92933	15 50 23.89	+43 16 47.3		048
C/2003 F1	2003 07 02.93049	15 50 23.91	+43 16 46.9		A46
C/2003 F1	2003 07 02.93078	15 50 23.82	+43 16 46.8		048
C/2003 F1	2003 07 02.93197	15 50 23.80	+43 16 45.0		A46
C/2003 F1	2003 07 02.93223	15 50 23.79	+43 16 45.2		048
C/2003 F1	2003 07 02.93344	15 50 23.70	+43 16 43.5		A46
C/2003 F1	2003 07 02.93373	15 50 23.66	+43 16 44.2		048
C/2003 F1	2003 07 02.93492	15 50 23.71	+43 16 42.5		A46
C/2003 F1	2003 07 02.93521	15 50 23.66	+43 16 42.3		048
C/2003 F1	2003 07 02.99272	15 50 21.50	+43 15 41.1	16.1 T	458
C/2003 F1	2003 07 02.99800	15 50 21.27	+43 15 32.2	16.1 T	458
C/2003 F1	2003 07 03.24536	15 50 11.75	+43 11 16.6	16.8 T	H41
C/2003 F1	2003 07 03.25447	15 50 11.36	+43 11 06.2	16.8 T	H41
C/2003 F1	2003 07 04.23539	15 49 34.59	+42 53 46.9	16.7 T	H41
C/2003 F1	2003 07 04.25322	15 49 33.92	+42 53 28.0	16.7 T	H41

C/2003 F1	2003 07 04.89237	15 49 10.84	+42 42 05.5	17.2 N	J87
C/2003 F1	2003 07 04.90241	15 49 10.39	+42 41 54.2	17.2 N	J87
C/2003 F1	2003 07 04.91042	15 49 10.16	+42 41 46.6	17.1 N	J87
C/2003 F1	2003 07 05.02355	15 49 06.15	+42 39 44.8	16.6 N	212
C/2003 F1	2003 07 05.02691	15 49 05.94	+42 39 40.7	16.6 N	212
C/2003 F1	2003 07 05.02998	15 49 05.75	+42 39 37.2	16.6 N	212
C/2003 F1	2003 07 05.17748	15 49 00.60	+42 37 01.0	16.9 T	699
C/2003 F1	2003 07 05.18995	15 49 00.17	+42 36 47.3		699
C/2003 F1	2003 07 05.20209	15 48 59.68	+42 36 34.3		699
C/2003 F1	2003 07 05.21526	15 48 59.24	+42 36 20.2		699
C/2003 F1	2003 07 05.29604	15 48 56.29	+42 34 51.4	16.8 T	H41
C/2003 F1	2003 07 05.30156	15 48 56.06	+42 34 45.2	16.8 T	H41
C/2003 F1	2003 07 05.84323	15 48 37.33	+42 25 03.8	17.5 N	461
C/2003 F1	2003 07 05.84684	15 48 37.11	+42 24 58.4		461
C/2003 F1	2003 07 05.85041	15 48 37.10	+42 24 55.0		461
C/2003 F1	2003 07 05.99155	15 48 32.01	+42 22 21.6	16.2 N	458
C/2003 F1	2003 07 05.99698	15 48 31.85	+42 22 15.3	16.2 N	458
C/2003 F1	2003 07 06.28656	15 48 21.92	+42 17 03.2	17.0 N	H41
C/2003 F1	2003 07 06.29297	15 48 21.68	+42 16 56.2	17.1 N	H41
C/2003 F1	2003 07 06.86459	15 48 02.78	+42 06 36.7	16.5 T	213
C/2003 F1	2003 07 06.86620	15 48 02.67	+42 06 34.6	16.5 T	213
C/2003 F1	2003 07 06.86755	15 48 02.62	+42 06 32.9	16.5 T	213
C/2003 F1	2003 07 07.01336	15 47 57.61	+42 03 53.1		204
C/2003 F1	2003 07 07.01643	15 47 57.63	+42 03 50.5	16.9 T	204
C/2003 F1	2003 07 07.02442	15 47 57.26	+42 03 41.2		204
C/2003 F1	2003 07 07.25627	15 47 49.77	+41 59 29.1	16.7 T	H41
C/2003 F1	2003 07 07.26319	15 47 49.52	+41 59 21.4	16.7 T	H41
C/2003 F1	2003 07 07.51610	15 47 41.40	+41 54 46.1	17.1 T	360
C/2003 F1	2003 07 07.51872	15 47 41.31	+41 54 43.1		360
C/2003 F1	2003 07 07.89260	15 47 29.34	+41 47 53.7		118
C/2003 F1	2003 07 07.89575	15 47 29.28	+41 47 49.8		118
C/2003 F1	2003 07 07.89865	15 47 29.14	+41 47 47.6		048
C/2003 F1	2003 07 07.89899	15 47 29.18	+41 47 46.0	16.8 N	118
C/2003 F1	2003 07 07.90096	15 47 29.11	+41 47 44.4		048
C/2003 F1	2003 07 07.90321	15 47 29.05	+41 47 42.3		048
C/2003 F1	2003 07 07.90775	15 47 28.85	+41 47 36.8		048
C/2003 F1	2003 07 07.91334	15 47 28.71	+41 47 29.7		048
C/2003 F1	2003 07 07.91904	15 47 28.46	+41 47 23.9		A46
C/2003 F1	2003 07 07.92051	15 47 28.42	+41 47 22.6		A46
C/2003 F1	2003 07 07.92199	15 47 28.37	+41 47 20.7		A46
C/2003 F1	2003 07 07.92346	15 47 28.32	+41 47 19.0		A46
C/2003 F1	2003 07 07.92493	15 47 28.27	+41 47 18.8		A46
C/2003 F1	2003 07 07.92641	15 47 28.26	+41 47 17.3		A46
C/2003 F1	2003 07 08.22814	15 47 18.80	+41 41 44.1	16.7 T	785
C/2003 F1	2003 07 08.23913	15 47 18.47	+41 41 32.7	16.0 T	785
C/2003 F1	2003 07 08.25036	15 47 18.12	+41 41 20.6	16.3 T	785
C/2003 F1	2003 07 08.29126	15 47 16.68	+41 40 34.7	17.1 N	H41
C/2003 F1	2003 07 08.92367	15 46 57.42	+41 28 58.3		118
C/2003 F1	2003 07 08.92718	15 46 57.34	+41 28 54.6		118
C/2003 F1	2003 07 08.92959	15 46 57.26	+41 28 52.1	17.1 N	118
C/2003 F1	2003 07 08.97353	15 46 55.81	+41 28 03.4		A46
C/2003 F1	2003 07 08.97647	15 46 55.79	+41 28 00.4		A46
C/2003 F1	2003 07 08.98681	15 46 55.47	+41 27 49.3		A46

C/2003 F1	2003 07 08.98973	15 46 55.40	+41 27 45.3		A46	C/2003 F1	2003 07 16.95340	15 43 38.16	+38 57 33.4	17.3 N	118
C/2003 F1	2003 07 08.99267	15 46 55.46	+41 27 41.4		A46	C/2003 F1	2003 07 17.13453	15 43 34.81	+38 54 04.8	17.9 T	H72
C/2003 F1	2003 07 09.25828	15 46 47.32	+41 22 47.5	17.5 T	762	C/2003 F1	2003 07 17.13646	15 43 34.69	+38 54 03.0	17.7 T	H72
C/2003 F1	2003 07 09.26307	15 46 47.22	+41 22 43.6	17.5 T	762	C/2003 F1	2003 07 17.13850	15 43 34.66	+38 54 01.3	17.8 T	H72
C/2003 F1	2003 07 09.27323	15 46 46.87	+41 22 31.3	17.1 T	762	C/2003 F1	2003 07 17.17340	15 43 34.04	+38 53 20.9	16.7 T	H72
C/2003 F1	2003 07 10.21920	15 46 19.34	+41 05 02.1	17.5 T	704	C/2003 F1	2003 07 17.17632	15 43 33.94	+38 53 17.0	16.9 T	H72
C/2003 F1	2003 07 10.22910	15 46 19.07	+41 04 50.4	17.9 T	704	C/2003 F1	2003 07 17.21927	15 43 33.11	+38 52 27.3	16.9 T	H41
C/2003 F1	2003 07 10.23938	15 46 18.79	+41 04 40.2	17.6 T	704	C/2003 F1	2003 07 18.22375	15 43 14.58	+38 33 02.9	17.7 T	762
C/2003 F1	2003 07 10.24932	15 46 18.50	+41 04 28.2	17.7 T	704	C/2003 F1	2003 07 18.22784	15 43 14.54	+38 32 57.9		762
C/2003 F1	2003 07 10.25920	15 46 18.14	+41 04 18.2	17.7 T	704	C/2003 F1	2003 07 18.23231	15 43 14.47	+38 32 52.8		762
C/2003 F1	2003 07 10.92738	15 45 59.63	+40 51 50.3		A46	C/2003 F1	2003 07 18.89593	15 43 03.00	+38 20 01.2		A46
C/2003 F1	2003 07 10.92885	15 45 59.51	+40 51 48.4		A46	C/2003 F1	2003 07 18.89740	15 43 02.97	+38 19 59.7		A46
C/2003 F1	2003 07 10.93325	15 45 59.38	+40 51 43.9		A46	C/2003 F1	2003 07 18.89887	15 43 02.95	+38 19 57.4		A46
C/2003 F1	2003 07 10.93473	15 45 59.28	+40 51 42.3		A46	C/2003 F1	2003 07 18.90035	15 43 02.97	+38 19 56.0		A46
C/2003 F1	2003 07 10.93620	15 45 59.25	+40 51 40.9		A46	C/2003 F1	2003 07 18.90182	15 43 02.94	+38 19 53.4		A46
C/2003 F1	2003 07 10.93767	15 45 59.21	+40 51 38.9		A46	C/2003 F1	2003 07 18.90329	15 43 02.88	+38 19 51.5		A46
C/2003 F1	2003 07 10.97209	15 45 58.49	+40 51 01.5	17.2 N	J97	C/2003 F1	2003 07 18.93806	15 43 02.34	+38 19 13.2	16.9 N	442
C/2003 F1	2003 07 10.97657	15 45 58.12	+40 50 56.4	17.2 N	J97	C/2003 F1	2003 07 18.94139	15 43 02.21	+38 19 08.8	17.0 N	442
C/2003 F1	2003 07 11.16152	15 45 53.15	+40 47 29.3	17.5 T	H41	C/2003 F1	2003 07 19.87616	15 42 47.03	+38 00 59.1		A46
C/2003 F1	2003 07 11.16726	15 45 53.02	+40 47 22.9	17.4 T	H41	C/2003 F1	2003 07 19.87762	15 42 47.00	+38 00 56.7		A46
C/2003 F1	2003 07 11.95046	15 45 32.11	+40 32 42.7	17.2 T	213	C/2003 F1	2003 07 19.87909	15 42 46.94	+38 00 55.6		A46
C/2003 F1	2003 07 11.95400	15 45 32.01	+40 32 38.5	17.2 T	213	C/2003 F1	2003 07 19.88204	15 42 46.94	+38 00 50.9		A46
C/2003 F1	2003 07 11.95759	15 45 31.95	+40 32 34.0	17.2 T	213	C/2003 F1	2003 07 19.88411	15 42 46.98	+38 00 49.7	17.0 T	232
C/2003 F1	2003 07 14.88394	15 44 21.42	+39 37 12.9		A46	C/2003 F1	2003 07 19.88498	15 42 46.83	+38 00 47.4		A46
C/2003 F1	2003 07 14.88541	15 44 21.29	+39 37 11.5		A46	C/2003 F1	2003 07 19.88646	15 42 46.84	+38 00 46.7		A46
C/2003 F1	2003 07 14.88834	15 44 21.26	+39 37 07.5		A46	C/2003 F1	2003 07 19.89218	15 42 46.77	+38 00 39.3		048
C/2003 F1	2003 07 14.89424	15 44 21.08	+39 37 00.2		A46	C/2003 F1	2003 07 19.89328	15 42 46.79	+38 00 37.2		048
C/2003 F1	2003 07 14.89572	15 44 21.03	+39 36 58.5		A46	C/2003 F1	2003 07 19.89549	15 42 46.68	+38 00 35.1		048
C/2003 F1	2003 07 14.89719	15 44 21.01	+39 36 57.8		A46	C/2003 F1	2003 07 19.89648	15 42 46.70	+38 00 35.4	17.1 T	232
C/2003 F1	2003 07 15.01271	15 44 18.47	+39 34 44.2	16.7 T	A32	C/2003 F1	2003 07 19.89885	15 42 46.60	+38 00 30.9		048
C/2003 F1	2003 07 15.01861	15 44 18.33	+39 34 37.6	16.7 T	A32	C/2003 F1	2003 07 19.89995	15 42 46.58	+38 00 29.9		048
C/2003 F1	2003 07 15.02156	15 44 18.32	+39 34 34.7	16.9 T	A32	C/2003 F1	2003 07 19.95418	15 42 45.81	+37 59 26.7		170
C/2003 F1	2003 07 15.24884	15 44 13.25	+39 30 15.6	16.9 T	H41	C/2003 F1	2003 07 19.95494	15 42 45.76	+37 59 26.3		170
C/2003 F1	2003 07 15.25554	15 44 13.15	+39 30 07.8	16.8 T	H41	C/2003 F1	2003 07 19.95648	15 42 45.74	+37 59 24.4		170
C/2003 F1	2003 07 15.51076	15 44 07.61	+39 25 14.8		340	C/2003 F1	2003 07 20.15218	15 42 42.70	+37 55 36.7	17.5 T	H72
C/2003 F1	2003 07 15.51310	15 44 07.63	+39 25 12.5		340	C/2003 F1	2003 07 20.15449	15 42 42.70	+37 55 35.4	17.5 T	H72
C/2003 F1	2003 07 15.51620	15 44 07.67	+39 25 07.2	16.1 T	340	C/2003 F1	2003 07 20.89716	15 42 31.98	+37 41 04.5		A46
C/2003 F1	2003 07 15.87034	15 44 00.11	+39 18 22.6		A46	C/2003 F1	2003 07 20.89861	15 42 31.83	+37 41 01.4		A46
C/2003 F1	2003 07 15.87181	15 44 00.10	+39 18 20.6		A46	C/2003 F1	2003 07 20.90008	15 42 31.88	+37 41 00.2		A46
C/2003 F1	2003 07 15.87328	15 43 59.99	+39 18 19.2		A46	C/2003 F1	2003 07 20.90155	15 42 31.77	+37 40 57.8		A46
C/2003 F1	2003 07 15.87769	15 44 00.00	+39 18 14.0		A46	C/2003 F1	2003 07 20.90303	15 42 31.69	+37 40 56.9		A46
C/2003 F1	2003 07 15.88212	15 43 59.87	+39 18 07.2		A46	C/2003 F1	2003 07 20.90597	15 42 31.66	+37 40 52.6		A46
C/2003 F1	2003 07 15.88360	15 43 59.83	+39 18 06.6		A46	C/2003 F1	2003 07 20.94877	15 42 30.97	+37 40 03.1	17.8 N	J87
C/2003 F1	2003 07 15.90243	15 43 59.36	+39 17 43.5		048	C/2003 F1	2003 07 20.95167	15 42 30.92	+37 40 00.2	17.8 N	J87
C/2003 F1	2003 07 15.90388	15 43 59.33	+39 17 43.0		048	C/2003 F1	2003 07 20.95447	15 42 30.81	+37 39 57.1	18.0 N	J87
C/2003 F1	2003 07 15.90534	15 43 59.28	+39 17 41.7		048	C/2003 F1	2003 07 24.86650	15 41 44.69	+36 23 06.1	17.1 N	J87
C/2003 F1	2003 07 15.90678	15 43 59.27	+39 17 40.1		048	C/2003 F1	2003 07 24.87172	15 41 44.64	+36 23 00.3	17.4 N	J87
C/2003 F1	2003 07 15.90969	15 43 59.17	+39 17 36.6		048	C/2003 F1	2003 07 24.87731	15 41 44.71	+36 22 53.7	17.9 N	J87
C/2003 F1	2003 07 16.17965	15 43 53.68	+39 12 26.4	16.6 T	H41	C/2003 F1	2003 07 25.91129	15 41 35.59	+36 02 28.1	17.0 T	232
C/2003 F1	2003 07 16.18403	15 43 53.56	+39 12 21.9	16.6 T	H41	C/2003 F1	2003 07 25.92040	15 41 35.53	+36 02 16.1	17.1 T	232
C/2003 F1	2003 07 16.90986	15 43 39.11	+38 58 26.6	17.1 N	442	C/2003 F1	2003 07 25.93609	15 41 35.41	+36 01 57.4	17.0 T	213
C/2003 F1	2003 07 16.94128	15 43 38.41	+38 57 47.9		118	C/2003 F1	2003 07 25.93778	15 41 35.40	+36 01 55.5	17.0 T	213
C/2003 F1	2003 07 16.95005	15 43 38.16	+38 57 37.7		118	C/2003 F1	2003 07 25.93948	15 41 35.31	+36 01 53.0	17.0 T	213

2003 AUG. 6

M.P.C. 49239

C/2003 F1	2003 07 25.97766	15 41 35.03	+36 01 05.5	17.0 T	A01
C/2003 F1	2003 07 25.98860	15 41 34.88	+36 00 52.3	17.0 T	A01
C/2003 F1	2003 07 25.99078	15 41 34.84	+36 00 49.6	17.0 T	A01
C/2003 F1	2003 07 26.57448	15 41 30.45	+35 49 20.5	17.5 T	900
C/2003 F1	2003 07 26.57889	15 41 30.41	+35 49 14.9	17.0 T	900
C/2003 F1	2003 07 26.95073	15 41 27.92	+35 41 51.9		A46
C/2003 F1	2003 07 26.95221	15 41 27.89	+35 41 48.8		A46
C/2003 F1	2003 07 26.95368	15 41 27.90	+35 41 48.5		A46
C/2003 F1	2003 07 29.92802	15 41 12.73	+34 42 45.8	17.0 N	442
C/2003 F1	2003 07 29.93231	15 41 12.73	+34 42 38.6	17.0 N	442
C/2003 F1	2003 07 29.93750	15 41 12.75	+34 42 33.4	16.9 N	442
C/2003 F1	2003 07 30.51597	15 41 10.95	+34 31 02.7		340
C/2003 F1	2003 07 30.51890	15 41 11.06	+34 30 58.6		340
C/2003 F1	2003 07 30.52115	15 41 11.09	+34 30 58.2	16.9 T	340
C/2003 F1	2003 08 01.91161	15 41 07.90	+33 43 19.7	16.7 N	213
C/2003 F1	2003 08 01.91351	15 41 07.99	+33 43 18.5	16.7 N	213
C/2003 F1	2003 08 01.91527	15 41 07.87	+33 43 15.5	16.7 N	213
C/2003 F1	2003 08 01.92432	15 41 07.94	+33 43 04.8	17.1 T	232
C/2003 F1	2003 08 01.93975	15 41 07.93	+33 42 46.7	17.1 T	232
C/2003 F1	2003 08 02.85328	15 41 08.58	+33 24 35.0	17.4 T	215
C/2003 F1	2003 08 02.85398	15 41 08.58	+33 24 32.0		215
C/2003 F1	2003 08 02.85447	15 41 08.51	+33 24 33.5	17.5 T	215
C/2003 F1	2003 08 02.91882	15 41 08.60	+33 23 15.5	17.2 T	232
C/2003 F1	2003 08 02.92786	15 41 08.62	+33 23 04.9	17.2 T	232
C/2003 F1	2003 08 03.86324	15 41 10.18	+33 04 26.6	16.9 N	442
C/2003 F1	2003 08 03.86748	15 41 10.24	+33 04 21.5	16.9 N	442
C/2003 F1	2003 08 04.12471	15 41 10.84	+32 59 14.4	16.9 T	H41
C/2003 F1	2003 08 04.12962	15 41 10.85	+32 59 08.1	16.9 T	H41

C/2003 G1 (LINEAR)

C/2003 G1	2003 05 28.65289	17 23 50.47	+06 05 09.6		322
C/2003 G1	2003 05 28.68184	17 23 49.39	+06 05 27.2		322
C/2003 G1	2003 05 28.73324	17 23 47.46	+06 05 58.7		322
C/2003 G1	2003 06 01.95674	17 21 09.82	+06 48 03.5		127
C/2003 G1	2003 06 01.96397	17 21 09.56	+06 48 07.9		127
C/2003 G1	2003 06 01.97029	17 21 09.31	+06 48 11.5		127
C/2003 G1	2003 06 01.97449	17 21 09.14	+06 48 13.7		127
C/2003 G1	2003 06 03.97242	17 19 53.28	+07 07 23.9		048
C/2003 G1	2003 06 03.97317	17 19 53.27	+07 07 24.5		048
C/2003 G1	2003 06 03.97392	17 19 53.33	+07 07 25.6		048
C/2003 G1	2003 06 03.97544	17 19 53.19	+07 07 26.4		048
C/2003 G1	2003 06 03.97619	17 19 53.14	+07 07 26.7		048
C/2003 G1	2003 06 03.97696	17 19 53.17	+07 07 26.5		048
C/2003 G1	2003 06 03.97771	17 19 53.12	+07 07 27.4		048
C/2003 G1	2003 06 03.97846	17 19 53.07	+07 07 28.2		048
C/2003 G1	2003 06 03.97921	17 19 53.10	+07 07 28.7		048
C/2003 G1	2003 06 03.98073	17 19 53.01	+07 07 29.0		048
C/2003 G1	2003 06 03.98148	17 19 52.97	+07 07 29.4		048
C/2003 G1	2003 06 03.98223	17 19 52.99	+07 07 30.1		048
C/2003 G1	2003 06 03.98375	17 19 52.92	+07 07 31.0		048
C/2003 G1	2003 06 03.98450	17 19 52.84	+07 07 31.1		048
C/2003 G1	2003 06 03.98527	17 19 52.84	+07 07 31.5		048
C/2003 G1	2003 06 05.96655	17 18 37.10	+07 26 02.4	14.9 N	945

C/2003 G1	2003 06 05.96948	17 18 36.99	+07 26 03.9	14.9 N	945
C/2003 G1	2003 06 05.97280	17 18 36.84	+07 26 05.8	14.9 N	945
C/2003 G1	2003 06 05.97539	17 18 36.73	+07 26 07.4	14.9 N	945
C/2003 G1	2003 06 05.98030	17 18 36.52	+07 26 09.9	14.9 N	945
C/2003 G1	2003 06 06.03234	17 18 34.56	+07 26 38.7	14.9 N	945
C/2003 G1	2003 06 06.03502	17 18 34.45	+07 26 40.2	14.9 N	945
C/2003 G1	2003 06 06.03745	17 18 34.36	+07 26 41.7	14.9 N	945
C/2003 G1	2003 06 06.04233	17 18 34.16	+07 26 44.0	14.9 N	945
C/2003 G1	2003 06 06.04464	17 18 34.06	+07 26 45.1	14.9 N	945
C/2003 G1	2003 06 06.64878	17 18 10.85	+07 32 19.3	16.0 T	355
C/2003 G1	2003 06 06.65505	17 18 10.63	+07 32 22.6		355
C/2003 G1	2003 06 06.66054	17 18 10.41	+07 32 26.4		355
C/2003 G1	2003 06 07.98444	17 17 19.62	+07 44 24.1	15.4 N	213
C/2003 G1	2003 06 07.98603	17 17 19.54	+07 44 24.5	15.4 N	213
C/2003 G1	2003 06 07.98737	17 17 19.50	+07 44 25.3	15.4 N	213
C/2003 G1	2003 06 08.00521	17 17 18.77	+07 44 35.9	15.4 T	232
C/2003 G1	2003 06 08.01038	17 17 18.57	+07 44 38.9	15.4 T	232
C/2003 G1	2003 06 08.01560	17 17 18.31	+07 44 41.3	15.4 T	232
C/2003 G1	2003 06 08.32380	17 17 06.47	+07 47 26.3	15.3 T	H41
C/2003 G1	2003 06 08.33304	17 17 06.12	+07 47 31.6	15.4 T	H41
C/2003 G1	2003 06 09.25421	17 16 30.71	+07 55 40.4	15.0 T	H41
C/2003 G1	2003 06 09.25981	17 16 30.49	+07 55 43.2	15.0 T	H41
C/2003 G1	2003 06 09.26884	17 16 30.14	+07 55 47.9	15.1 T	H41
C/2003 G1	2003 06 09.98946	17 16 02.41	+08 02 05.1		048
C/2003 G1	2003 06 09.99022	17 16 02.33	+08 02 06.0		048
C/2003 G1	2003 06 09.99100	17 16 02.34	+08 02 06.4		048
C/2003 G1	2003 06 09.99176	17 16 02.27	+08 02 06.7		048
C/2003 G1	2003 06 09.99252	17 16 02.25	+08 02 07.0		048
C/2003 G1	2003 06 09.99483	17 16 02.20	+08 02 08.2		048
C/2003 G1	2003 06 09.99560	17 16 02.20	+08 02 08.8		048
C/2003 G1	2003 06 09.99639	17 16 02.15	+08 02 09.3		048
C/2003 G1	2003 06 09.99716	17 16 02.13	+08 02 09.2		048
C/2003 G1	2003 06 09.99795	17 16 02.04	+08 02 09.9		048
C/2003 G1	2003 06 10.93201	17 15 26.17	+08 10 12.7	15.5 N	213
C/2003 G1	2003 06 10.93310	17 15 26.13	+08 10 13.1	15.5 N	213
C/2003 G1	2003 06 10.93421	17 15 26.09	+08 10 13.4	15.5 N	213
C/2003 G1	2003 06 16.30046	17 12 00.48	+08 54 05.8	16.4 N	785
C/2003 G1	2003 06 16.31443	17 11 59.98	+08 54 10.4	16.5 N	785
C/2003 G1	2003 06 16.33213	17 11 59.40	+08 54 19.3	16.4 N	785
C/2003 G1	2003 06 16.91979	17 11 37.13	+08 58 53.2	15.8 N	213
C/2003 G1	2003 06 16.92148	17 11 37.07	+08 58 52.8	15.8 N	213
C/2003 G1	2003 06 16.92292	17 11 36.97	+08 58 54.4	15.8 N	213
C/2003 G1	2003 06 16.93514	17 11 36.53	+08 58 59.4		127
C/2003 G1	2003 06 16.94109	17 11 36.29	+08 59 02.5		127
C/2003 G1	2003 06 16.94855	17 11 35.99	+08 59 05.7		127
C/2003 G1	2003 06 16.95271	17 11 35.83	+08 59 07.7		127
C/2003 G1	2003 06 16.98615	17 11 34.58	+08 59 23.0	15.8 N	A32
C/2003 G1	2003 06 16.99066	17 11 34.40	+08 59 24.8	15.9 N	A32
C/2003 G1	2003 06 16.99630	17 11 34.17	+08 59 27.7	15.9 N	A32
C/2003 G1	2003 06 17.28670	17 11 23.15	+09 01 40.2	16.2 T	785
C/2003 G1	2003 06 17.29538	17 11 22.77	+09 01 45.2	15.1 T	785
C/2003 G1	2003 06 17.30453	17 11 22.46	+09 01 48.5	15.8 T	785
C/2003 G1	2003 06 17.32084	17 11 21.81	+09 01 57.3	16.0 T	785

C/2003 G1	2003 06 18.01514	17 10 55.60	+09 07 12.8		A46
C/2003 G1	2003 06 18.01852	17 10 55.52	+09 07 15.0		A46
C/2003 G1	2003 06 18.01964	17 10 55.49	+09 07 14.0		A46
C/2003 G1	2003 06 18.02078	17 10 55.44	+09 07 15.6		A46
C/2003 G1	2003 06 18.02190	17 10 55.52	+09 07 15.3		A46
C/2003 G1	2003 06 18.02414	17 10 55.38	+09 07 15.1		A46
C/2003 G1	2003 06 18.61344	17 10 33.18	+09 11 44.0		322
C/2003 G1	2003 06 18.63373	17 10 32.42	+09 11 53.2		322
C/2003 G1	2003 06 18.64953	17 10 31.81	+09 12 00.1		322
C/2003 G1	2003 06 19.04935	17 10 16.77	+09 14 54.7	14.9 N	945
C/2003 G1	2003 06 19.05110	17 10 16.69	+09 14 55.5	14.9 N	945
C/2003 G1	2003 06 19.05395	17 10 16.58	+09 14 56.7	14.9 N	945
C/2003 G1	2003 06 19.05544	17 10 16.52	+09 14 57.5	14.9 N	945
C/2003 G1	2003 06 19.05719	17 10 16.45	+09 14 58.1	14.9 N	945
C/2003 G1	2003 06 19.33200	17 10 06.09	+09 17 00.5	15.5 T	H41
C/2003 G1	2003 06 19.33604	17 10 05.99	+09 17 01.9	15.4 T	H41
C/2003 G1	2003 06 20.32997	17 09 28.82	+09 24 15.6	16.0 T	H41
C/2003 G1	2003 06 20.33427	17 09 28.68	+09 24 18.0	16.0 T	H41
C/2003 G1	2003 06 20.34424	17 09 28.23	+09 24 21.2	16.1 T	H41
C/2003 G1	2003 06 20.61307	17 09 18.41	+09 26 17.3		349
C/2003 G1	2003 06 20.61647	17 09 18.28	+09 26 18.8		349
C/2003 G1	2003 06 20.61918	17 09 18.20	+09 26 19.8		349
C/2003 G1	2003 06 20.62317	17 09 18.03	+09 26 21.8	15.5 T	349
C/2003 G1	2003 06 20.87585	17 09 08.72	+09 28 09.9	15.8 N	235
C/2003 G1	2003 06 20.93593	17 09 06.50	+09 28 35.1	15.7 T	215
C/2003 G1	2003 06 20.93650	17 09 06.44	+09 28 35.2	15.7 T	215
C/2003 G1	2003 06 20.93699	17 09 06.43	+09 28 35.5	15.9 T	215
C/2003 G1	2003 06 20.99503	17 09 04.19	+09 28 59.0	15.9 N	A18
C/2003 G1	2003 06 21.06163	17 09 01.77	+09 29 27.5	15.9 N	939
C/2003 G1	2003 06 21.06922	17 09 01.46	+09 29 31.2	15.9 N	939
C/2003 G1	2003 06 21.07704	17 09 01.14	+09 29 34.3	15.9 N	939
C/2003 G1	2003 06 21.91062	17 08 30.54	+09 35 25.9		616
C/2003 G1	2003 06 21.91400	17 08 30.38	+09 35 26.7		616
C/2003 G1	2003 06 21.91555	17 08 30.32	+09 35 27.7		616
C/2003 G1	2003 06 21.91712	17 08 30.26	+09 35 28.1		616
C/2003 G1	2003 06 21.92021	17 08 30.12	+09 35 28.2		616
C/2003 G1	2003 06 21.92176	17 08 30.06	+09 35 29.3		616
C/2003 G1	2003 06 21.95706	17 08 28.68	+09 35 46.6	15.9 N	445
C/2003 G1	2003 06 21.95906	17 08 28.68	+09 35 45.2	15.9 N	213
C/2003 G1	2003 06 21.96104	17 08 28.60	+09 35 46.1	15.9 N	213
C/2003 G1	2003 06 21.96228	17 08 28.56	+09 35 46.9	15.9 N	213
C/2003 G1	2003 06 21.96861	17 08 28.23	+09 35 48.0	15.8 N	445
C/2003 G1	2003 06 21.97150	17 08 28.14	+09 35 48.8	15.8 N	445
C/2003 G1	2003 06 21.99824	17 08 27.29	+09 36 00.3	15.7 N	A02
C/2003 G1	2003 06 22.00050	17 08 27.19	+09 36 01.6	15.7 N	A02
C/2003 G1	2003 06 22.00727	17 08 26.90	+09 36 05.6	15.7 N	A02
C/2003 G1	2003 06 22.01286	17 08 26.65	+09 36 08.6		A46
C/2003 G1	2003 06 22.01398	17 08 26.60	+09 36 09.3		A46
C/2003 G1	2003 06 22.01512	17 08 26.59	+09 36 09.2		A46
C/2003 G1	2003 06 22.01624	17 08 26.56	+09 36 10.2		A46
C/2003 G1	2003 06 22.01689	17 08 26.53	+09 36 10.7	15.7 T	232
C/2003 G1	2003 06 22.01737	17 08 26.49	+09 36 11.1		A46
C/2003 G1	2003 06 22.01963	17 08 26.37	+09 36 11.4		A46

C/2003 G1	2003 06 22.02203	17 08 26.30	+09 36 12.0	15.7 T	232
C/2003 G1	2003 06 22.02726	17 08 26.12	+09 36 13.0	15.6 T	232
C/2003 G1	2003 06 22.05559	17 08 25.07	+09 36 25.3	15.8 N	939
C/2003 G1	2003 06 22.06315	17 08 24.79	+09 36 28.9	15.8 N	939
C/2003 G1	2003 06 22.07073	17 08 24.52	+09 36 32.3	15.8 N	939
C/2003 G1	2003 06 22.07193	17 08 24.45	+09 36 32.2	15.8 N	J97
C/2003 G1	2003 06 22.07712	17 08 24.27	+09 36 35.3	15.8 N	J97
C/2003 G1	2003 06 22.26672	17 08 17.25	+09 37 54.1	16.0 T	H41
C/2003 G1	2003 06 22.92565	17 07 53.25	+09 42 24.8	15.8 N	J97
C/2003 G1	2003 06 22.92997	17 07 53.09	+09 42 26.6	15.8 N	J97
C/2003 G1	2003 06 22.93317	17 07 52.95	+09 42 27.5	15.8 N	J97
C/2003 G1	2003 06 23.18543	17 07 43.79	+09 44 10.6	17.0 T	762
C/2003 G1	2003 06 23.19341	17 07 43.48	+09 44 13.8	16.7 T	762
C/2003 G1	2003 06 23.19969	17 07 43.26	+09 44 16.0	16.7 T	762
C/2003 G1	2003 06 23.20696	17 07 42.97	+09 44 19.2	16.8 T	762
C/2003 G1	2003 06 23.27631	17 07 41.00	+09 44 50.0	18.0 T	704
C/2003 G1	2003 06 23.28475	17 07 40.06	+09 44 51.0	15.7 T	H41
C/2003 G1	2003 06 23.28644	17 07 40.67	+09 44 54.4	17.5 T	704
C/2003 G1	2003 06 23.29641	17 07 40.26	+09 44 57.6	17.4 T	704
C/2003 G1	2003 06 23.30641	17 07 39.91	+09 45 02.3	17.5 T	704
C/2003 G1	2003 06 23.30890	17 07 39.15	+09 45 00.9	15.7 T	H41
C/2003 G1	2003 06 23.31640	17 07 39.37	+09 45 04.6	17.6 T	704
C/2003 G1	2003 06 23.92569	17 07 16.90	+09 49 07.3		127
C/2003 G1	2003 06 23.93177	17 07 16.67	+09 49 09.8		127
C/2003 G1	2003 06 23.93806	17 07 16.42	+09 49 12.3		127
C/2003 G1	2003 06 23.94436	17 07 16.21	+09 49 15.0		127
C/2003 G1	2003 06 24.20777	17 07 06.67	+09 51 00.2	16.4 T	785
C/2003 G1	2003 06 24.23068	17 07 05.79	+09 51 08.8	16.6 T	785
C/2003 G1	2003 06 24.31376	17 07 02.73	+09 51 42.2	15.6 T	H41
C/2003 G1	2003 06 24.31845	17 07 02.53	+09 51 43.9	15.6 T	H41
C/2003 G1	2003 06 25.03372	17 06 36.90	+09 56 23.4		A46
C/2003 G1	2003 06 25.03484	17 06 36.86	+09 56 23.3		A46
C/2003 G1	2003 06 25.03934	17 06 36.66	+09 56 25.5		A46
C/2003 G1	2003 06 25.04047	17 06 36.63	+09 56 25.4		A46
C/2003 G1	2003 06 25.04160	17 06 36.63	+09 56 26.5		A46
C/2003 G1	2003 06 25.04385	17 06 36.52	+09 56 27.1		A46
C/2003 G1	2003 06 25.31289	17 06 26.85	+09 58 12.7	15.6 T	H41
C/2003 G1	2003 06 25.31604	17 06 26.73	+09 58 13.5	15.6 T	H41
C/2003 G1	2003 06 26.03463	17 06 01.16	+10 02 47.5		A46
C/2003 G1	2003 06 26.03576	17 06 01.09	+10 02 48.3		A46
C/2003 G1	2003 06 26.03914	17 06 00.98	+10 02 49.7		A46
C/2003 G1	2003 06 26.04139	17 06 00.91	+10 02 49.6		A46
C/2003 G1	2003 06 26.04251	17 06 00.86	+10 02 50.4		A46
C/2003 G1	2003 06 26.04363	17 06 00.83	+10 02 50.7		A46
C/2003 G1	2003 06 26.98647	17 05 27.63	+10 08 44.8	15.5 N	A32
C/2003 G1	2003 06 26.99209	17 05 27.41	+10 08 47.2	15.3 N	A32
C/2003 G1	2003 06 26.99883	17 05 27.18	+10 08 49.7	15.3 N	A32
C/2003 G1	2003 06 27.00558	17 05 26.94	+10 08 52.1	15.5 N	A32
C/2003 G1	2003 06 27.24262	17 05 18.47	+10 10 20.7	15.6 T	H41
C/2003 G1	2003 06 27.24839	17 05 18.36	+10 10 25.0	15.6 T	H41
C/2003 G1	2003 06 27.25140	17 05 18.24	+10 10 25.2	15.6 T	H41
C/2003 G1	2003 06 27.97743	17 04 52.98	+10 14 48.1	15.2 N	A32
C/2003 G1	2003 06 27.98304	17 04 52.79	+10 14 50.0	15.4 N	A32

2003 AUG. 6

M.P.C. 49241

C/2003 G1	2003 06 27.98979	17 04 52.55	+10 14 52.5	15.4 N	A32
C/2003 G1	2003 06 27.99653	17 04 52.29	+10 14 54.9	15.5 N	A32
C/2003 G1	2003 06 28.00214	17 04 52.10	+10 14 56.7	15.4 N	A32
C/2003 G1	2003 06 28.26512	17 04 42.90	+10 16 32.4	15.4 T	H41
C/2003 G1	2003 06 28.27032	17 04 42.74	+10 16 34.4	15.4 T	H41
C/2003 G1	2003 06 28.91208	17 04 20.70	+10 20 22.1	15.7 N	J87
C/2003 G1	2003 06 28.92039	17 04 20.39	+10 20 24.8	15.8 N	J87
C/2003 G1	2003 06 28.92948	17 04 20.12	+10 20 28.5	15.9 N	J87
C/2003 G1	2003 06 28.94593	17 04 19.55	+10 20 33.7	15.5 N	213
C/2003 G1	2003 06 28.94892	17 04 19.47	+10 20 34.9	15.4 N	213
C/2003 G1	2003 06 28.95862	17 04 19.15	+10 20 36.0	15.0 N	445
C/2003 G1	2003 06 28.96703	17 04 18.82	+10 20 37.5	15.1 N	445
C/2003 G1	2003 06 28.97088	17 04 18.63	+10 20 38.8	15.1 N	445
C/2003 G1	2003 06 29.01328	17 04 17.20	+10 20 56.9	15.1 N	A02
C/2003 G1	2003 06 29.01552	17 04 17.13	+10 20 57.5	15.0 N	A02
C/2003 G1	2003 06 29.02455	17 04 16.85	+10 20 59.9	15.1 N	A02
C/2003 G1	2003 06 29.32630	17 04 06.36	+10 22 48.3	15.6 T	H41
C/2003 G1	2003 06 29.34321	17 04 05.76	+10 22 53.7	15.6 T	H41
C/2003 G1	2003 06 29.53400	17 03 59.42	+10 24 00.1		349
C/2003 G1	2003 06 29.53686	17 03 59.33	+10 24 01.1		349
C/2003 G1	2003 06 29.53992	17 03 59.20	+10 24 02.3		349
C/2003 G1	2003 06 29.54263	17 03 59.14	+10 24 03.3	15.7 T	349
C/2003 G1	2003 06 29.86966	17 03 47.92	+10 25 57.6	15.5 N	235
C/2003 G1	2003 06 29.96135	17 03 44.88	+10 26 26.9	15.3 N	J97
C/2003 G1	2003 06 29.96431	17 03 44.78	+10 26 28.6	15.2 N	J97
C/2003 G1	2003 06 29.97822	17 03 44.29	+10 26 32.7		A46
C/2003 G1	2003 06 29.98385	17 03 44.07	+10 26 34.7		A46
C/2003 G1	2003 06 29.98498	17 03 44.04	+10 26 35.7		A46
C/2003 G1	2003 06 29.98723	17 03 43.96	+10 26 36.0		A46
C/2003 G1	2003 06 29.98837	17 03 43.90	+10 26 36.5		A46
C/2003 G1	2003 06 29.98949	17 03 43.88	+10 26 36.7		A46
C/2003 G1	2003 06 30.03605	17 03 42.29	+10 26 52.9	15.3 N	212
C/2003 G1	2003 06 30.03900	17 03 42.23	+10 26 54.0	15.3 N	212
C/2003 G1	2003 06 30.04201	17 03 42.15	+10 26 55.1	15.3 N	212
C/2003 G1	2003 06 30.13400	17 03 38.87	+10 27 29.2	15.4 N	785
C/2003 G1	2003 06 30.14777	17 03 38.58	+10 27 32.5	16.2 N	785
C/2003 G1	2003 06 30.18549	17 03 37.26	+10 27 45.0	15.4 T	H41
C/2003 G1	2003 06 30.18794	17 03 37.19	+10 27 46.2	15.4 T	H41
C/2003 G1	2003 06 30.18831	17 03 37.21	+10 27 45.5	15.9 T	785
C/2003 G1	2003 06 30.22934	17 03 36.00	+10 27 57.8	17.6 T	704
C/2003 G1	2003 06 30.23940	17 03 35.49	+10 28 00.3	18.7 T	704
C/2003 G1	2003 06 30.24410	17 03 35.28	+10 28 06.8	15.5 T	785
C/2003 G1	2003 06 30.24929	17 03 35.18	+10 28 06.7	18.7 T	704
C/2003 G1	2003 06 30.25909	17 03 34.89	+10 28 11.4	18.2 T	704
C/2003 G1	2003 06 30.26890	17 03 34.46	+10 28 14.2	18.0 T	704
C/2003 G1	2003 06 30.88689	17 03 13.62	+10 31 41.2	15.2 N	233
C/2003 G1	2003 06 30.89491	17 03 13.44	+10 31 45.4	15.2 N	442
C/2003 G1	2003 06 30.90238	17 03 13.11	+10 31 47.2	15.3 N	233
C/2003 G1	2003 06 30.90539	17 03 13.07	+10 31 47.5		170
C/2003 G1	2003 06 30.90738	17 03 13.02	+10 31 48.4		170
C/2003 G1	2003 06 30.91127	17 03 12.81	+10 31 50.2	15.2 N	233
C/2003 G1	2003 07 01.11552	17 03 06.10	+10 32 58.0	16.9 T	H72
C/2003 G1	2003 07 01.11742	17 03 05.97	+10 32 58.4	16.1 T	H72

C/2003 G1	2003 07 01.11939	17 03 05.94	+10 32 59.6	16.0 T	H72
C/2003 G1	2003 07 01.12131	17 03 05.85	+10 32 59.8	15.9 T	H72
C/2003 G1	2003 07 01.94946	17 02 38.35	+10 37 32.3	15.4 N	939
C/2003 G1	2003 07 01.96083	17 02 37.94	+10 37 36.0	15.4 N	939
C/2003 G1	2003 07 01.96463	17 02 37.82	+10 37 37.1	15.5 N	939
C/2003 G1	2003 07 02.18124	17 02 30.63	+10 38 48.2	15.7 T	H41
C/2003 G1	2003 07 02.23404	17 02 29.04	+10 39 04.6	15.5 T	785
C/2003 G1	2003 07 02.25568	17 02 28.17	+10 39 09.7	16.1 T	785
C/2003 G1	2003 07 03.25676	17 01 55.59	+10 44 31.0	15.1 T	H41
C/2003 G1	2003 07 03.26021	17 01 55.47	+10 44 32.2	15.1 T	H41
C/2003 G1	2003 07 03.26714	17 01 55.24	+10 44 34.3	15.0 T	H41
C/2003 G1	2003 07 04.25655	17 01 23.43	+10 49 40.0	15.7 T	H41
C/2003 G1	2003 07 04.26019	17 01 23.33	+10 49 41.2	15.7 T	H41
C/2003 G1	2003 07 04.88439	17 01 03.69	+10 52 49.5	15.7 N	J87
C/2003 G1	2003 07 04.89814	17 01 03.27	+10 52 53.7	15.7 N	J87
C/2003 G1	2003 07 04.90692	17 01 02.95	+10 52 56.6	15.5 N	J87
C/2003 G1	2003 07 05.04751	17 00 58.48	+10 53 38.4	15.5 N	212
C/2003 G1	2003 07 05.05110	17 00 58.39	+10 53 38.5	15.5 N	212
C/2003 G1	2003 07 05.05417	17 00 58.31	+10 53 38.9	15.5 N	212
C/2003 G1	2003 07 05.22711	17 00 53.03	+10 54 29.4	17.3 T	704
C/2003 G1	2003 07 05.23722	17 00 52.58	+10 54 36.1	18.1 T	704
C/2003 G1	2003 07 05.24733	17 00 52.28	+10 54 39.7	17.7 T	704
C/2003 G1	2003 07 05.25781	17 00 51.92	+10 54 42.5	18.4 T	704
C/2003 G1	2003 07 05.26802	17 00 51.47	+10 54 46.0	17.0 T	704
C/2003 G1	2003 07 05.31339	17 00 50.08	+10 54 57.2	15.5 T	H41
C/2003 G1	2003 07 05.31959	17 00 49.84	+10 54 58.6	15.5 T	H41
C/2003 G1	2003 07 06.90252	17 00 01.18	+11 02 35.6	15.8 N	213
C/2003 G1	2003 07 07.26771	16 59 50.04	+11 04 17.9	15.5 T	H41
C/2003 G1	2003 07 07.27352	16 59 49.87	+11 04 19.6	15.5 T	H41
C/2003 G1	2003 07 07.54456	16 59 41.76	+11 05 35.2	15.8 T	360
C/2003 G1	2003 07 07.54692	16 59 41.68	+11 05 35.8		360
C/2003 G1	2003 07 07.95979	16 59 29.27	+11 07 28.5		048
C/2003 G1	2003 07 07.96089	16 59 29.26	+11 07 28.5		048
C/2003 G1	2003 07 07.96310	16 59 29.21	+11 07 28.7		048
C/2003 G1	2003 07 07.96537	16 59 29.13	+11 07 29.9		048
C/2003 G1	2003 07 07.96648	16 59 29.10	+11 07 29.9		048
C/2003 G1	2003 07 07.96802	16 59 29.04	+11 07 30.4		A46
C/2003 G1	2003 07 07.96916	16 59 29.00	+11 07 30.7		A46
C/2003 G1	2003 07 07.97028	16 59 28.99	+11 07 30.9		A46
C/2003 G1	2003 07 07.97140	16 59 28.95	+11 07 30.9		A46
C/2003 G1	2003 07 07.97252	16 59 28.92	+11 07 31.7		A46
C/2003 G1	2003 07 07.97365	16 59 28.90	+11 07 31.6		A46
C/2003 G1	2003 07 08.23080	16 59 21.17	+11 08 41.8	16.4 T	785
C/2003 G1	2003 07 08.24469	16 59 20.84	+11 08 45.6	15.3 T	785
C/2003 G1	2003 07 08.93837	16 59 00.42	+11 11 51.5		118
C/2003 G1	2003 07 08.94094	16 59 00.33	+11 11 51.3		118
C/2003 G1	2003 07 08.94872	16 59 00.11	+11 11 53.7		118
C/2003 G1	2003 07 08.95191	16 59 00.03	+11 11 53.9		A46
C/2003 G1	2003 07 08.95237	16 59 00.02	+11 11 54.6	16.4 N	118
C/2003 G1	2003 07 08.95529	16 58 59.93	+11 11 54.6		A46
C/2003 G1	2003 07 08.95642	16 58 59.93	+11 11 54.9		A46
C/2003 G1	2003 07 08.95755	16 58 59.91	+11 11 55.4		A46
C/2003 G1	2003 07 08.95868	16 58 59.84	+11 11 55.3		A46

C/2003 G1	2003 07 08.96094	16 58 59.79	+11 11 57.2		A46
C/2003 G1	2003 07 09.29036	16 58 50.06	+11 13 23.7	15.5 T	H41
C/2003 G1	2003 07 09.29623	16 58 49.91	+11 13 25.1	15.5 T	H41
C/2003 G1	2003 07 10.94622	16 58 03.02	+11 20 23.5	15.8 N	939
C/2003 G1	2003 07 10.95387	16 58 02.75	+11 20 25.3	15.8 N	939
C/2003 G1	2003 07 10.95403	16 58 02.78	+11 20 24.7	15.9 N	A32
C/2003 G1	2003 07 10.95627	16 58 02.70	+11 20 25.6	15.8 N	A32
C/2003 G1	2003 07 10.95965	16 58 02.58	+11 20 26.4	15.8 N	A32
C/2003 G1	2003 07 10.96147	16 58 02.45	+11 20 27.1	15.9 N	939
C/2003 G1	2003 07 10.96303	16 58 02.50	+11 20 27.2	15.8 N	A32
C/2003 G1	2003 07 10.97044	16 58 02.25	+11 20 28.8		A46
C/2003 G1	2003 07 10.97156	16 58 02.26	+11 20 28.7		A46
C/2003 G1	2003 07 10.97270	16 58 02.21	+11 20 29.6		A46
C/2003 G1	2003 07 10.97383	16 58 02.19	+11 20 29.7		A46
C/2003 G1	2003 07 10.97497	16 58 02.18	+11 20 30.0		A46
C/2003 G1	2003 07 10.97834	16 58 02.04	+11 20 31.2		A46
C/2003 G1	2003 07 11.18054	16 57 56.36	+11 21 21.3	15.7 T	H41
C/2003 G1	2003 07 11.18538	16 57 56.23	+11 21 23.0	15.7 T	H41
C/2003 G1	2003 07 11.90834	16 57 36.36	+11 24 18.7	15.6 N	213
C/2003 G1	2003 07 11.91142	16 57 36.25	+11 24 18.1	15.6 N	213
C/2003 G1	2003 07 11.91175	16 57 36.21	+11 24 17.9	15.7 N	176
C/2003 G1	2003 07 11.91742	16 57 36.05	+11 24 19.4	15.7 N	176
C/2003 G1	2003 07 11.92031	16 57 35.96	+11 24 20.2	15.4 N	176
C/2003 G1	2003 07 11.92587	16 57 35.81	+11 24 21.6	15.8 N	176
C/2003 G1	2003 07 11.99310	16 57 33.94	+11 24 37.8		118
C/2003 G1	2003 07 11.99713	16 57 33.82	+11 24 38.8		118
C/2003 G1	2003 07 12.00181	16 57 33.68	+11 24 39.8		118
C/2003 G1	2003 07 12.00428	16 57 33.61	+11 24 40.5	16.3 N	118
C/2003 G1	2003 07 13.27436	16 56 59.39	+11 29 36.2	16.9 T	762
C/2003 G1	2003 07 13.27721	16 56 59.30	+11 29 36.9	16.6 T	762
C/2003 G1	2003 07 13.28382	16 56 59.09	+11 29 38.1	16.5 T	762
C/2003 G1	2003 07 14.13933	16 56 36.71	+11 32 50.8	15.7 T	H41
C/2003 G1	2003 07 14.14579	16 56 36.55	+11 32 51.9	15.7 T	H41
C/2003 G1	2003 07 14.19292	16 56 35.37	+11 33 01.7	16.8 T	762
C/2003 G1	2003 07 14.19859	16 56 35.16	+11 33 03.1	16.3 T	762
C/2003 G1	2003 07 14.20476	16 56 35.03	+11 33 04.4	16.5 T	762
C/2003 G1	2003 07 14.20748	16 56 34.93	+11 33 05.5	16.4 T	762
C/2003 G1	2003 07 14.94670	16 56 15.92	+11 35 44.6		A46
C/2003 G1	2003 07 14.94889	16 56 15.88	+11 35 45.4	15.6 N	A32
C/2003 G1	2003 07 14.95115	16 56 15.81	+11 35 46.3	15.7 N	A32
C/2003 G1	2003 07 14.95122	16 56 15.85	+11 35 45.3		A46
C/2003 G1	2003 07 14.95234	16 56 15.82	+11 35 46.5		A46
C/2003 G1	2003 07 14.95339	16 56 15.78	+11 35 46.5	15.6 N	A32
C/2003 G1	2003 07 14.95346	16 56 15.79	+11 35 46.3		A46
C/2003 G1	2003 07 14.95459	16 56 15.80	+11 35 46.8		A46
C/2003 G1	2003 07 14.95565	16 56 15.72	+11 35 47.3	15.6 N	A32
C/2003 G1	2003 07 14.95573	16 56 15.73	+11 35 47.3		A46
C/2003 G1	2003 07 14.95789	16 56 15.66	+11 35 48.4	15.7 N	A32
C/2003 G1	2003 07 15.27152	16 56 07.61	+11 36 55.5	15.5 T	H41
C/2003 G1	2003 07 15.27604	16 56 07.51	+11 36 56.1	15.5 T	H41
C/2003 G1	2003 07 15.90476	16 55 51.95	+11 39 07.4	15.4 N	442
C/2003 G1	2003 07 15.93345	16 55 51.13	+11 39 13.3		A46
C/2003 G1	2003 07 15.93457	16 55 51.10	+11 39 13.5		A46

C/2003 G1	2003 07 15.93683	16 55 51.07	+11 39 14.1		A46
C/2003 G1	2003 07 15.93795	16 55 51.02	+11 39 14.2		A46
C/2003 G1	2003 07 15.93909	16 55 51.00	+11 39 14.4		A46
C/2003 G1	2003 07 15.94358	16 55 50.89	+11 39 14.9		A46
C/2003 G1	2003 07 15.95400	16 55 50.63	+11 39 17.6		048
C/2003 G1	2003 07 15.95698	16 55 50.55	+11 39 18.0		048
C/2003 G1	2003 07 15.95988	16 55 50.50	+11 39 18.9		048
C/2003 G1	2003 07 15.96277	16 55 50.42	+11 39 19.3		048
C/2003 G1	2003 07 15.96567	16 55 50.33	+11 39 19.6		048
C/2003 G1	2003 07 16.17181	16 55 45.16	+11 40 02.8	15.3 T	H41
C/2003 G1	2003 07 16.17684	16 55 45.05	+11 40 03.8	15.3 T	H41
C/2003 G1	2003 07 16.92237	16 55 26.91	+11 42 33.6		048
C/2003 G1	2003 07 16.92528	16 55 26.89	+11 42 33.8		048
C/2003 G1	2003 07 16.93258	16 55 26.66	+11 42 35.1		048
C/2003 G1	2003 07 16.93553	16 55 26.60	+11 42 35.8		048
C/2003 G1	2003 07 16.93851	16 55 26.53	+11 42 36.8		048
C/2003 G1	2003 07 17.15041	16 55 21.48	+11 43 18.5	16.3 T	H72
C/2003 G1	2003 07 17.15331	16 55 21.41	+11 43 19.0	16.3 T	H72
C/2003 G1	2003 07 17.15620	16 55 21.39	+11 43 19.7	16.3 T	H72
C/2003 G1	2003 07 17.15910	16 55 21.19	+11 43 20.3	16.2 T	H72
C/2003 G1	2003 07 17.20711	16 55 20.04	+11 43 30.8	15.4 T	H41
C/2003 G1	2003 07 17.21672	16 55 19.83	+11 43 32.3	15.5 T	H41
C/2003 G1	2003 07 18.18181	16 54 57.08	+11 46 38.2	16.8 T	762
C/2003 G1	2003 07 18.18850	16 54 56.91	+11 46 39.5	17.1 T	762
C/2003 G1	2003 07 18.19669	16 54 56.72	+11 46 40.8	16.9 T	762
C/2003 G1	2003 07 18.91023	16 54 40.32	+11 48 53.9	15.9 N	442
C/2003 G1	2003 07 18.91236	16 54 40.31	+11 48 53.7	15.9 N	442
C/2003 G1	2003 07 18.95295	16 54 39.37	+11 48 59.9		A46
C/2003 G1	2003 07 18.95407	16 54 39.26	+11 49 01.0		A46
C/2003 G1	2003 07 18.95521	16 54 39.30	+11 49 01.2		A46
C/2003 G1	2003 07 18.95858	16 54 39.26	+11 49 02.4		A46
C/2003 G1	2003 07 18.95972	16 54 39.16	+11 49 02.6		A46
C/2003 G1	2003 07 18.96083	16 54 39.17	+11 49 02.4		A46
C/2003 G1	2003 07 18.97755	16 54 38.70	+11 49 05.5	15.8 N	458
C/2003 G1	2003 07 18.99014	16 54 38.49	+11 49 07.2	16.1 N	939
C/2003 G1	2003 07 18.99779	16 54 38.29	+11 49 09.3	16.1 N	939
C/2003 G1	2003 07 19.00542	16 54 38.09	+11 49 11.0	16.1 N	939
C/2003 G1	2003 07 19.01508	16 54 37.93	+11 49 12.7	15.9 T	232
C/2003 G1	2003 07 19.02025	16 54 37.87	+11 49 14.9	15.8 T	232
C/2003 G1	2003 07 19.91458	16 54 17.83	+11 51 53.1		048
C/2003 G1	2003 07 19.91793	16 54 17.71	+11 51 54.8		048
C/2003 G1	2003 07 19.91904	16 54 17.69	+11 51 55.0		048
C/2003 G1	2003 07 19.92016	16 54 17.68	+11 51 55.4		048
C/2003 G1	2003 07 19.92228	16 54 17.53	+11 51 56.6	16.0 T	A03
C/2003 G1	2003 07 19.92350	16 54 17.58	+11 51 56.4		048
C/2003 G1	2003 07 19.93024	16 54 17.42	+11 51 56.8		A46
C/2003 G1	2003 07 19.93250	16 54 17.39	+11 51 56.9		A46
C/2003 G1	2003 07 19.93363	16 54 17.33	+11 51 57.3		A46
C/2003 G1	2003 07 19.93385	16 54 17.44	+11 51 56.9	16.0 T	A03
C/2003 G1	2003 07 19.93475	16 54 17.36	+11 51 57.1		A46
C/2003 G1	2003 07 19.93587	16 54 17.30	+11 51 57.0		A46
C/2003 G1	2003 07 19.93597	16 54 17.33	+11 51 58.3		170
C/2003 G1	2003 07 19.93782	16 54 17.30	+11 51 58.3		170

2003 AUG. 6

M.P.C. 49243

C/2003 G1	2003 07 19.93813	16 54 17.28	+11 51 58.1		A46
C/2003 G1	2003 07 19.97019	16 54 16.55	+11 52 03.1	15.8 N	A32
C/2003 G1	2003 07 19.97917	16 54 16.38	+11 52 04.4	15.8 N	A32
C/2003 G1	2003 07 19.98927	16 54 16.16	+11 52 06.6	15.8 N	A32
C/2003 G1	2003 07 19.99939	16 54 15.88	+11 52 09.0	15.9 N	A32
C/2003 G1	2003 07 20.00949	16 54 15.71	+11 52 09.7	15.6 N	A32
C/2003 G1	2003 07 20.13941	16 54 12.86	+11 52 33.1	16.8 T	H72
C/2003 G1	2003 07 20.14191	16 54 12.84	+11 52 33.3	17.0 T	H72
C/2003 G1	2003 07 20.14551	16 54 12.76	+11 52 34.5	17.0 T	H72
C/2003 G1	2003 07 20.14910	16 54 12.72	+11 52 34.7	16.8 T	H72
C/2003 G1	2003 07 20.19550	16 54 11.65	+11 52 43.5	17.0 T	H72
C/2003 G1	2003 07 20.19759	16 54 11.58	+11 52 44.2	17.0 T	H72
C/2003 G1	2003 07 20.20030	16 54 11.43	+11 52 43.6	16.6 T	H72
C/2003 G1	2003 07 20.92762	16 53 55.89	+11 54 47.9		A46
C/2003 G1	2003 07 20.92874	16 53 55.80	+11 54 48.9		A46
C/2003 G1	2003 07 20.93100	16 53 55.75	+11 54 48.4		A46
C/2003 G1	2003 07 20.93213	16 53 55.72	+11 54 48.7		A46
C/2003 G1	2003 07 20.93326	16 53 55.64	+11 54 48.4		A46
C/2003 G1	2003 07 20.93550	16 53 55.56	+11 54 49.0		A46
C/2003 G1	2003 07 22.94973	16 53 14.13	+12 00 13.4	15.8 N	A32
C/2003 G1	2003 07 22.95647	16 53 13.99	+12 00 14.2	15.5 N	A32
C/2003 G1	2003 07 22.96433	16 53 13.84	+12 00 15.5	15.6 N	A32
C/2003 G1	2003 07 22.97219	16 53 13.68	+12 00 16.9	15.5 N	A32
C/2003 G1	2003 07 22.98005	16 53 13.53	+12 00 17.6	15.5 N	A32
C/2003 G1	2003 07 24.48101	16 52 44.59	+12 04 00.2	16.7 N	379
C/2003 G1	2003 07 24.48274	16 52 44.55	+12 04 01.4	16.9 N	379
C/2003 G1	2003 07 24.48449	16 52 44.53	+12 04 01.6	17.0 N	379
C/2003 G1	2003 07 24.86161	16 52 37.58	+12 04 56.5	16.6 N	J87
C/2003 G1	2003 07 24.87425	16 52 37.37	+12 04 57.5	16.8 N	J87
C/2003 G1	2003 07 25.92017	16 52 18.44	+12 07 19.5	15.8 N	213
C/2003 G1	2003 07 25.92113	16 52 18.34	+12 07 19.5	15.8 N	213
C/2003 G1	2003 07 25.92213	16 52 18.34	+12 07 19.2	15.8 N	213
C/2003 G1	2003 07 25.95023	16 52 17.89	+12 07 23.9		A46
C/2003 G1	2003 07 25.95135	16 52 17.81	+12 07 24.2		A46
C/2003 G1	2003 07 25.95250	16 52 17.82	+12 07 23.8		A46
C/2003 G1	2003 07 25.95475	16 52 17.78	+12 07 24.9		A46
C/2003 G1	2003 07 25.95587	16 52 17.66	+12 07 25.3		A46
C/2003 G1	2003 07 25.95811	16 52 17.70	+12 07 24.8		A46
C/2003 G1	2003 07 25.98291	16 52 17.30	+12 07 27.7	15.8 T	232
C/2003 G1	2003 07 25.98549	16 52 17.25	+12 07 28.1	15.8 T	232
C/2003 G1	2003 07 25.99579	16 52 17.11	+12 07 30.1	15.8 T	232
C/2003 G1	2003 07 26.93872	16 52 00.79	+12 09 31.1	15.8 T	939
C/2003 G1	2003 07 26.94248	16 52 00.70	+12 09 31.8	15.8 T	939
C/2003 G1	2003 07 26.94627	16 52 00.61	+12 09 32.3	15.9 T	939
C/2003 G1	2003 07 26.95899	16 52 00.42	+12 09 33.6		A46
C/2003 G1	2003 07 26.96010	16 52 00.38	+12 09 34.4		A46
C/2003 G1	2003 07 26.96124	16 52 00.35	+12 09 34.5		A46
C/2003 G1	2003 07 26.96236	16 52 00.40	+12 09 34.8		A46
C/2003 G1	2003 07 26.96350	16 52 00.42	+12 09 34.5		A46
C/2003 G1	2003 07 26.96574	16 52 00.32	+12 09 34.5		A46
C/2003 G1	2003 07 26.97093	16 52 00.27	+12 09 33.9	15.7 N	A01
C/2003 G1	2003 07 26.97248	16 52 00.24	+12 09 34.3	15.7 N	A01
C/2003 G1	2003 07 26.98390	16 52 00.04	+12 09 35.6	15.7 N	A01

C/2003 G1	2003 07 28.23214	16 51 39.56	+12 12 10.3	15.7 T	H41
C/2003 G1	2003 07 29.92339	16 51 13.79	+12 15 18.9	15.7 T	A32
C/2003 G1	2003 07 29.92789	16 51 13.74	+12 15 19.2	15.7 T	A32
C/2003 G1	2003 07 30.56108	16 51 04.67	+12 16 26.5		340
C/2003 G1	2003 07 30.56376	16 51 04.60	+12 16 26.9		340
C/2003 G1	2003 07 30.56933	16 51 04.55	+12 16 27.4	16.2 T	340
C/2003 G1	2003 07 31.93302	16 50 46.06	+12 18 41.9		636
C/2003 G1	2003 07 31.93413	16 50 46.02	+12 18 42.7		636
C/2003 G1	2003 07 31.93525	16 50 46.15	+12 18 44.2		636
C/2003 G1	2003 08 01.27978	16 50 41.52	+12 19 15.8	15.4 T	H41
C/2003 G1	2003 08 01.28241	16 50 41.48	+12 19 14.7	15.5 T	H41
C/2003 G1	2003 08 01.92287	16 50 33.56	+12 20 13.1	15.8 N	213
C/2003 G1	2003 08 01.92500	16 50 33.53	+12 20 13.1	15.8 N	213
C/2003 G1	2003 08 01.92611	16 50 33.60	+12 20 13.5	15.8 N	213
C/2003 G1	2003 08 01.96002	16 50 33.13	+12 20 17.3	15.9 T	232
C/2003 G1	2003 08 01.96774	16 50 33.02	+12 20 17.8	15.9 T	232
C/2003 G1	2003 08 01.96800	16 50 32.94	+12 20 17.0	15.7 N	445
C/2003 G1	2003 08 01.97307	16 50 32.92	+12 20 17.5	15.6 N	445
C/2003 G1	2003 08 01.97550	16 50 32.93	+12 20 17.8	15.9 T	232
C/2003 G1	2003 08 02.86737	16 50 22.42	+12 21 34.0		A46
C/2003 G1	2003 08 02.87005	16 50 22.36	+12 21 35.1	15.9 T	215
C/2003 G1	2003 08 02.87062	16 50 22.35	+12 21 35.2	16.0 T	215
C/2003 G1	2003 08 02.87073	16 50 22.30	+12 21 35.3		A46
C/2003 G1	2003 08 02.87116	16 50 22.34	+12 21 35.3	16.0 T	215
C/2003 G1	2003 08 02.87184	16 50 22.26	+12 21 35.2		A46
C/2003 G1	2003 08 02.87296	16 50 22.30	+12 21 34.6		A46
C/2003 G1	2003 08 02.87407	16 50 22.23	+12 21 35.7		A46
C/2003 G1	2003 08 02.87631	16 50 22.21	+12 21 35.5		A46
C/2003 G1	2003 08 03.87817	16 50 11.21	+12 22 57.4	15.7 N	442
C/2003 G1	2003 08 03.98854	16 50 10.92	+12 22 58.3		048
C/2003 G1	2003 08 03.90146	16 50 10.90	+12 22 58.4		048
C/2003 G1	2003 08 03.90438	16 50 10.83	+12 22 58.5		048
C/2003 G1	2003 08 03.91029	16 50 10.85	+12 23 00.4		048
C/2003 G1	2003 08 03.91325	16 50 10.76	+12 23 00.5		048
C/2003 G1	2003 08 04.10918	16 50 08.64	+12 23 15.7	15.8 T	H41
C/2003 G1	2003 08 04.12163	16 50 08.55	+12 23 16.9	15.7 T	H41

C/2003 H1 (LINEAR)

C/2003 H1	2003 05 25.01754	17 27 17.94	+23 45 39.0	16.5 N	130
C/2003 H1	2003 05 25.02006	17 27 17.63	+23 45 39.7	16.1 N	130
C/2003 H1	2003 05 25.02258	17 27 17.33	+23 45 40.2	16.3 N	130
C/2003 H1	2003 05 25.02509	17 27 17.00	+23 45 41.0	16.1 N	130
C/2003 H1	2003 05 28.66757	17 19 32.57	+24 00 36.7		322
C/2003 H1	2003 05 28.68868	17 19 29.79	+24 00 41.2		322
C/2003 H1	2003 05 28.71784	17 19 25.96	+24 00 47.6		322
C/2003 H1	2003 06 01.92289	17 10 06.09	+24 12 31.3		127
C/2003 H1	2003 06 01.93045	17 10 05.07	+24 12 32.2		127
C/2003 H1	2003 06 01.93446	17 10 04.52	+24 12 32.7		127
C/2003 H1	2003 06 03.98865	17 05 23.15	+24 16 03.5		048
C/2003 H1	2003 06 03.98941	17 05 23.05	+24 16 04.0		048
C/2003 H1	2003 06 03.99016	17 05 22.89	+24 16 04.0		048
C/2003 H1	2003 06 03.99093	17 05 22.81	+24 16 04.0		048
C/2003 H1	2003 06 03.99169	17 05 22.69	+24 16 04.2		048

C/2003 H1	2003 06 03.99244	17 05 22.62	+24 16 03.5	048	C/2003 H1	2003 06 10.01348	16 51 17.86	+24 17 15.4	A46
C/2003 H1	2003 06 03.99319	17 05 22.56	+24 16 03.5	048	C/2003 H1	2003 06 10.01461	16 51 17.73	+24 17 15.4	A46
C/2003 H1	2003 06 03.99396	17 05 22.35	+24 16 04.1	048	C/2003 H1	2003 06 10.01574	16 51 17.55	+24 17 15.2	A46
C/2003 H1	2003 06 03.99471	17 05 22.28	+24 16 03.8	048	C/2003 H1	2003 06 10.01686	16 51 17.36	+24 17 14.7	A46
C/2003 H1	2003 06 03.99546	17 05 22.19	+24 16 03.8	048	C/2003 H1	2003 06 10.01800	16 51 17.20	+24 17 15.2	A46
C/2003 H1	2003 06 04.92884	17 03 13.03	+24 17 09.3	A46	C/2003 H1	2003 06 10.01911	16 51 17.05	+24 17 15.4	A46
C/2003 H1	2003 06 04.92997	17 03 12.92	+24 17 09.1	A46	C/2003 H1	2003 06 10.02023	16 51 16.87	+24 17 15.3	A46
C/2003 H1	2003 06 04.93110	17 03 12.78	+24 17 09.4	A46	C/2003 H1	2003 06 10.02135	16 51 16.78	+24 17 14.6	A46
C/2003 H1	2003 06 04.93223	17 03 12.62	+24 17 09.3	A46	C/2003 H1	2003 06 10.02249	16 51 16.56	+24 17 15.1	A46
C/2003 H1	2003 06 04.93336	17 03 12.46	+24 17 09.6	A46	C/2003 H1	2003 06 10.02362	16 51 16.39	+24 17 15.4	A46
C/2003 H1	2003 06 04.93448	17 03 12.27	+24 17 09.6	A46	C/2003 H1	2003 06 10.94567	16 49 05.35	+24 16 12.0	15.2 N 213
C/2003 H1	2003 06 04.93560	17 03 12.13	+24 17 09.6	A46	C/2003 H1	2003 06 10.94671	16 49 05.19	+24 16 11.9	15.2 N 213
C/2003 H1	2003 06 04.93674	17 03 12.00	+24 17 09.3	A46	C/2003 H1	2003 06 10.94780	16 49 05.00	+24 16 12.1	15.2 N 213
C/2003 H1	2003 06 04.93786	17 03 11.84	+24 17 10.0	A46	C/2003 H1	2003 06 11.90130	16 46 49.00	+24 14 45.1	A46
C/2003 H1	2003 06 04.93899	17 03 11.68	+24 17 09.8	A46	C/2003 H1	2003 06 11.90242	16 46 48.86	+24 14 44.6	A46
C/2003 H1	2003 06 04.94012	17 03 11.49	+24 17 09.5	A46	C/2003 H1	2003 06 11.90354	16 46 48.67	+24 14 45.0	A46
C/2003 H1	2003 06 04.94125	17 03 11.35	+24 17 09.6	A46	C/2003 H1	2003 06 11.90468	16 46 48.59	+24 14 43.6	A46
C/2003 H1	2003 06 04.94237	17 03 11.18	+24 17 10.1	A46	C/2003 H1	2003 06 11.90580	16 46 48.38	+24 14 44.1	A46
C/2003 H1	2003 06 04.94351	17 03 11.03	+24 17 09.9	A46	C/2003 H1	2003 06 11.90692	16 46 48.22	+24 14 43.8	A46
C/2003 H1	2003 06 04.94463	17 03 10.89	+24 17 10.1	A46	C/2003 H1	2003 06 11.90806	16 46 48.10	+24 14 44.1	A46
C/2003 H1	2003 06 06.55209	16 59 26.78	+24 18 16.0	15.3 T 355	C/2003 H1	2003 06 11.90919	16 46 47.88	+24 14 44.0	A46
C/2003 H1	2003 06 06.55419	16 59 26.47	+24 18 16.0	355	C/2003 H1	2003 06 11.91031	16 46 47.67	+24 14 43.3	A46
C/2003 H1	2003 06 06.56083	16 59 25.57	+24 18 16.2	355	C/2003 H1	2003 06 11.91144	16 46 47.50	+24 14 44.3	A46
C/2003 H1	2003 06 07.97020	16 56 07.32	+24 18 24.5	15.6 N 213	C/2003 H1	2003 06 11.91255	16 46 47.41	+24 14 43.5	A46
C/2003 H1	2003 06 07.97249	16 56 07.02	+24 18 24.8	15.6 N 213	C/2003 H1	2003 06 11.91367	16 46 47.22	+24 14 43.6	A46
C/2003 H1	2003 06 07.97545	16 56 06.58	+24 18 24.5	15.6 N 213	C/2003 H1	2003 06 11.91478	16 46 47.06	+24 14 43.2	A46
C/2003 H1	2003 06 08.02877	16 55 58.98	+24 18 24.9	15.7 N 232	C/2003 H1	2003 06 11.91591	16 46 46.91	+24 14 42.6	A46
C/2003 H1	2003 06 08.03914	16 55 57.49	+24 18 24.8	15.7 N 232	C/2003 H1	2003 06 11.91705	16 46 46.79	+24 14 42.8	A46
C/2003 H1	2003 06 08.04421	16 55 56.77	+24 18 24.6	15.7 N 232	C/2003 H1	2003 06 13.98257	16 41 51.54	+24 10 19.9	15.3 N 213
C/2003 H1	2003 06 09.13354	16 53 22.89	+24 17 58.9	16.1 N 785	C/2003 H1	2003 06 13.98397	16 41 51.39	+24 10 21.9	15.4 N 213
C/2003 H1	2003 06 09.14624	16 53 21.06	+24 17 56.9	16.1 N 785	C/2003 H1	2003 06 13.98520	16 41 51.12	+24 10 20.5	15.4 N 213
C/2003 H1	2003 06 09.27237	16 53 03.06	+24 17 53.1	14.9 T H41	C/2003 H1	2003 06 16.26407	16 36 25.04	+24 03 34.2	16.0 N 785
C/2003 H1	2003 06 09.28309	16 53 01.53	+24 17 52.8	15.0 T H41	C/2003 H1	2003 06 16.28024	16 36 22.75	+24 03 30.4	16.0 N 785
C/2003 H1	2003 06 09.96433	16 51 24.84	+24 17 18.1	048	C/2003 H1	2003 06 16.30891	16 36 18.60	+24 03 25.7	15.3 T H41
C/2003 H1	2003 06 09.96667	16 51 24.53	+24 17 17.8	048	C/2003 H1	2003 06 16.31059	16 36 18.48	+24 03 26.1	15.3 T H41
C/2003 H1	2003 06 09.96743	16 51 24.45	+24 17 18.2	048	C/2003 H1	2003 06 16.90532	16 34 53.54	+24 01 18.1	A46
C/2003 H1	2003 06 09.96819	16 51 24.28	+24 17 18.1	048	C/2003 H1	2003 06 16.90645	16 34 53.43	+24 01 17.8	A46
C/2003 H1	2003 06 09.96898	16 51 24.19	+24 17 18.0	048	C/2003 H1	2003 06 16.90758	16 34 53.27	+24 01 17.2	A46
C/2003 H1	2003 06 09.97132	16 51 23.88	+24 17 17.8	048	C/2003 H1	2003 06 16.90870	16 34 53.14	+24 01 17.2	A46
C/2003 H1	2003 06 09.97211	16 51 23.73	+24 17 18.0	048	C/2003 H1	2003 06 16.90984	16 34 52.94	+24 01 16.7	A46
C/2003 H1	2003 06 09.97291	16 51 23.63	+24 17 17.8	048	C/2003 H1	2003 06 16.91096	16 34 52.85	+24 01 16.4	A46
C/2003 H1	2003 06 09.97368	16 51 23.56	+24 17 17.5	048	C/2003 H1	2003 06 16.92096	16 34 51.38	+24 01 14.5	127
C/2003 H1	2003 06 09.97444	16 51 23.46	+24 17 17.5	048	C/2003 H1	2003 06 16.92478	16 34 50.84	+24 01 13.7	127
C/2003 H1	2003 06 09.97522	16 51 23.32	+24 17 17.5	048	C/2003 H1	2003 06 16.92838	16 34 50.34	+24 01 12.8	127
C/2003 H1	2003 06 09.97600	16 51 23.24	+24 17 17.2	048	C/2003 H1	2003 06 16.93197	16 34 49.82	+24 01 12.0	127
C/2003 H1	2003 06 09.97677	16 51 23.10	+24 17 17.6	048	C/2003 H1	2003 06 16.94122	16 34 48.44	+24 01 10.4	15.4 N 213
C/2003 H1	2003 06 09.97752	16 51 23.00	+24 17 17.4	048	C/2003 H1	2003 06 16.94220	16 34 48.34	+24 01 09.8	15.4 N 213
C/2003 H1	2003 06 09.97829	16 51 22.87	+24 17 17.6	048	C/2003 H1	2003 06 16.95490	16 34 46.46	+24 01 07.1	048
C/2003 H1	2003 06 10.00785	16 51 18.62	+24 17 15.9	A46	C/2003 H1	2003 06 16.95641	16 34 46.21	+24 01 07.1	048
C/2003 H1	2003 06 10.00897	16 51 18.48	+24 17 15.8	A46	C/2003 H1	2003 06 16.95793	16 34 45.99	+24 01 06.7	048
C/2003 H1	2003 06 10.01009	16 51 18.34	+24 17 15.9	A46	C/2003 H1	2003 06 16.95944	16 34 45.80	+24 01 06.1	048
C/2003 H1	2003 06 10.01123	16 51 18.22	+24 17 15.1	A46	C/2003 H1	2003 06 16.95983	16 34 45.75	+24 01 05.8	15.6 N A32
C/2003 H1	2003 06 10.01235	16 51 17.99	+24 17 15.7	A46	C/2003 H1	2003 06 16.96095	16 34 45.59	+24 01 06.0	048

2003 AUG. 6

M.P.C. 49245

C/2003 H1	2003 06 16.96432	16 34 45.12	+24 01 04.7	15.6 N	A32
C/2003 H1	2003 06 16.96881	16 34 44.45	+24 01 04.0	15.6 N	A32
C/2003 H1	2003 06 17.21911	16 34 08.67	+24 00 09.3	15.4 T	785
C/2003 H1	2003 06 17.25058	16 34 04.17	+24 00 00.4	15.7 T	785
C/2003 H1	2003 06 17.89098	16 32 32.89	+23 57 29.5		A46
C/2003 H1	2003 06 17.89211	16 32 32.77	+23 57 29.1		A46
C/2003 H1	2003 06 17.89323	16 32 32.57	+23 57 29.3		A46
C/2003 H1	2003 06 17.89435	16 32 32.42	+23 57 28.2		A46
C/2003 H1	2003 06 17.89549	16 32 32.30	+23 57 28.1		A46
C/2003 H1	2003 06 17.89661	16 32 32.15	+23 57 28.3		A46
C/2003 H1	2003 06 18.55515	16 30 58.42	+23 54 45.4		322
C/2003 H1	2003 06 18.58142	16 30 54.66	+23 54 38.9		322
C/2003 H1	2003 06 18.60262	16 30 51.63	+23 54 32.9		322
C/2003 H1	2003 06 18.97449	16 29 58.68	+23 52 52.1	15.1 N	458
C/2003 H1	2003 06 18.98150	16 29 57.45	+23 52 49.6	15.2 N	458
C/2003 H1	2003 06 19.06584	16 29 45.66	+23 52 26.3	14.6 N	945
C/2003 H1	2003 06 19.06786	16 29 45.32	+23 52 25.5	14.6 N	945
C/2003 H1	2003 06 19.06946	16 29 45.07	+23 52 24.7	14.6 N	945
C/2003 H1	2003 06 19.07065	16 29 44.87	+23 52 24.3	14.6 N	945
C/2003 H1	2003 06 19.07213	16 29 44.64	+23 52 23.6	14.6 N	945
C/2003 H1	2003 06 19.26884	16 29 16.74	+23 51 32.5	15.6 T	H41
C/2003 H1	2003 06 19.27616	16 29 15.68	+23 51 30.3	15.6 T	H41
C/2003 H1	2003 06 20.32634	16 26 46.68	+23 46 27.6	15.4 T	H41
C/2003 H1	2003 06 20.37307	16 26 40.25	+23 46 12.7	15.5 T	333
C/2003 H1	2003 06 20.38348	16 26 38.79	+23 46 09.3	15.6 T	333
C/2003 H1	2003 06 20.39391	16 26 37.30	+23 46 06.1	15.5 T	333
C/2003 H1	2003 06 20.40434	16 26 35.83	+23 46 02.9	15.5 T	333
C/2003 H1	2003 06 20.59801	16 26 08.34	+23 45 05.1		349
C/2003 H1	2003 06 20.60028	16 26 08.07	+23 45 04.9		349
C/2003 H1	2003 06 20.60450	16 26 07.44	+23 45 03.8		349
C/2003 H1	2003 06 20.60710	16 26 07.05	+23 45 02.4	15.4 T	349
C/2003 H1	2003 06 20.88238	16 25 28.28	+23 43 37.8	15.4 N	235
C/2003 H1	2003 06 20.92050	16 25 22.84	+23 43 25.3	15.6 N	215
C/2003 H1	2003 06 20.92103	16 25 22.75	+23 43 25.3	15.6 N	215
C/2003 H1	2003 06 20.92152	16 25 22.69	+23 43 24.7	15.5 N	215
C/2003 H1	2003 06 20.95584	16 25 17.81	+23 43 13.2		A46
C/2003 H1	2003 06 20.95810	16 25 17.50	+23 43 13.1		A46
C/2003 H1	2003 06 20.95922	16 25 17.36	+23 43 12.7		A46
C/2003 H1	2003 06 20.96035	16 25 17.22	+23 43 11.9		A46
C/2003 H1	2003 06 20.96259	16 25 16.95	+23 43 11.1		A46
C/2003 H1	2003 06 20.96484	16 25 16.70	+23 43 10.2		A46
C/2003 H1	2003 06 21.01999	16 25 08.83	+23 42 54.3	15.1 N	442
C/2003 H1	2003 06 21.03227	16 25 07.09	+23 42 49.3	15.4 N	939
C/2003 H1	2003 06 21.03984	16 25 05.99	+23 42 46.7	15.4 N	939
C/2003 H1	2003 06 21.04747	16 25 04.86	+23 42 44.2	15.4 N	939
C/2003 H1	2003 06 21.22812	16 24 39.67	+23 41 47.3	16.0 T	704
C/2003 H1	2003 06 21.23798	16 24 38.27	+23 41 44.0	16.2 T	704
C/2003 H1	2003 06 21.24776	16 24 36.88	+23 41 40.8	16.1 T	704
C/2003 H1	2003 06 21.25754	16 24 35.49	+23 41 37.9	16.3 T	704
C/2003 H1	2003 06 21.26730	16 24 34.11	+23 41 34.2	16.1 T	704
C/2003 H1	2003 06 21.37166	16 24 19.18	+23 41 00.6	15.6 T	333
C/2003 H1	2003 06 21.37215	16 24 19.17	+23 41 00.1	15.5 T	333
C/2003 H1	2003 06 21.38203	16 24 17.72	+23 40 57.2	15.5 T	333

C/2003 H1	2003 06 21.38252	16 24 17.70	+23 40 56.3	15.6 T	333
C/2003 H1	2003 06 21.39242	16 24 16.22	+23 40 54.0	15.6 T	333
C/2003 H1	2003 06 21.39292	16 24 16.20	+23 40 53.3	15.6 T	333
C/2003 H1	2003 06 21.40285	16 24 14.69	+23 40 50.4	15.7 T	333
C/2003 H1	2003 06 21.40334	16 24 14.78	+23 40 49.7	15.5 T	333
C/2003 H1	2003 06 21.88908	16 23 06.40	+23 38 09.8		616
C/2003 H1	2003 06 21.89545	16 23 05.56	+23 38 08.0		616
C/2003 H1	2003 06 21.92931	16 23 00.69	+23 37 57.0		A46
C/2003 H1	2003 06 21.93045	16 23 00.48	+23 37 56.8		A46
C/2003 H1	2003 06 21.93403	16 23 00.00	+23 37 55.0		616
C/2003 H1	2003 06 21.93494	16 22 59.90	+23 37 55.0		A46
C/2003 H1	2003 06 21.93719	16 22 59.54	+23 37 54.4		A46
C/2003 H1	2003 06 21.93926	16 22 59.40	+23 37 53.0		616
C/2003 H1	2003 06 21.93944	16 22 59.28	+23 37 53.5		A46
C/2003 H1	2003 06 21.94057	16 22 59.09	+23 37 53.1		A46
C/2003 H1	2003 06 21.94288	16 22 58.94	+23 37 52.3	15.3 N	445
C/2003 H1	2003 06 21.94800	16 22 58.32	+23 37 50.8	15.3 N	445
C/2003 H1	2003 06 21.94882	16 22 58.03	+23 37 49.9		616
C/2003 H1	2003 06 21.95346	16 22 57.33	+23 37 47.3	15.4 N	445
C/2003 H1	2003 06 21.96814	16 22 55.25	+23 37 43.9	15.4 N	213
C/2003 H1	2003 06 21.96911	16 22 55.16	+23 37 43.6	15.3 N	213
C/2003 H1	2003 06 21.97009	16 22 55.11	+23 37 43.4	15.4 N	213
C/2003 H1	2003 06 22.00155	16 22 50.57	+23 37 32.9	15.3 N	232
C/2003 H1	2003 06 22.00932	16 22 49.54	+23 37 30.9	15.3 N	232
C/2003 H1	2003 06 22.03096	16 22 46.48	+23 37 21.8	15.4 N	939
C/2003 H1	2003 06 22.03853	16 22 45.41	+23 37 19.1	15.4 N	939
C/2003 H1	2003 06 22.04616	16 22 44.31	+23 37 16.3	15.4 N	939
C/2003 H1	2003 06 22.22987	16 22 18.69	+23 36 13.8	16.0 T	704
C/2003 H1	2003 06 22.23988	16 22 17.27	+23 36 10.5	16.3 T	704
C/2003 H1	2003 06 22.25008	16 22 15.80	+23 36 07.1	16.2 T	704
C/2003 H1	2003 06 22.25090	16 22 15.45	+23 36 08.6	15.6 T	H41
C/2003 H1	2003 06 22.26016	16 22 14.33	+23 36 04.0	16.2 T	704
C/2003 H1	2003 06 22.26147	16 22 13.95	+23 36 04.8	15.6 T	H41
C/2003 H1	2003 06 22.27034	16 22 12.95	+23 35 59.9	16.2 T	704
C/2003 H1	2003 06 23.22756	16 19 58.76	+23 30 21.4	15.9 T	762
C/2003 H1	2003 06 23.27334	16 19 52.57	+23 30 03.8	16.6 T	704
C/2003 H1	2003 06 23.27836	16 19 51.67	+23 30 03.0	15.7 T	H41
C/2003 H1	2003 06 23.28348	16 19 51.09	+23 30 00.1	16.1 T	704
C/2003 H1	2003 06 23.29345	16 19 49.75	+23 29 56.1	16.5 T	704
C/2003 H1	2003 06 23.30346	16 19 48.35	+23 29 52.6	16.1 T	704
C/2003 H1	2003 06 23.30497	16 19 47.93	+23 29 53.1	15.7 T	H41
C/2003 H1	2003 06 23.31344	16 19 46.97	+23 29 48.4	16.1 T	704
C/2003 H1	2003 06 23.91227	16 18 23.44	+23 26 04.9		127
C/2003 H1	2003 06 23.91537	16 18 23.00	+23 26 03.6		127
C/2003 H1	2003 06 23.91904	16 18 22.51	+23 26 02.3		127
C/2003 H1	2003 06 23.92241	16 18 22.03	+23 26 01.0		127
C/2003 H1	2003 06 24.21045	16 17 41.99	+23 24 10.9	16.2 T	785
C/2003 H1	2003 06 24.23312	16 17 38.74	+23 24 02.5	16.0 T	785
C/2003 H1	2003 06 24.27495	16 17 33.20	+23 23 45.2	15.6 T	333
C/2003 H1	2003 06 24.28762	16 17 31.42	+23 23 40.4	15.6 T	333
C/2003 H1	2003 06 24.30025	16 17 29.66	+23 23 35.5	15.6 T	333
C/2003 H1	2003 06 24.30245	16 17 29.10	+23 23 36.1	15.6 T	H41
C/2003 H1	2003 06 24.30806	16 17 28.30	+23 23 34.0	15.5 T	H41

C/2003 H1	2003 06 24.31289	16 17 27.85	+23 23 30.6	15.7 T	333
C/2003 H1	2003 06 24.89767	16 16 06.85	+23 19 39.2		A46
C/2003 H1	2003 06 24.89880	16 16 06.68	+23 19 39.3		A46
C/2003 H1	2003 06 24.89992	16 16 06.52	+23 19 38.3		A46
C/2003 H1	2003 06 24.90105	16 16 06.38	+23 19 38.4		A46
C/2003 H1	2003 06 24.90218	16 16 06.25	+23 19 37.8		A46
C/2003 H1	2003 06 24.90330	16 16 06.09	+23 19 37.2		A46
C/2003 H1	2003 06 25.28891	16 15 12.75	+23 17 00.8	15.9 T	H41
C/2003 H1	2003 06 25.29354	16 15 12.10	+23 16 59.2	15.9 T	H41
C/2003 H1	2003 06 25.92628	16 13 45.24	+23 12 34.0		A46
C/2003 H1	2003 06 25.92742	16 13 45.07	+23 12 33.8		A46
C/2003 H1	2003 06 25.92854	16 13 44.92	+23 12 33.4		A46
C/2003 H1	2003 06 25.92966	16 13 44.72	+23 12 32.6		A46
C/2003 H1	2003 06 25.93079	16 13 44.58	+23 12 32.1		A46
C/2003 H1	2003 06 25.93191	16 13 44.42	+23 12 31.9		A46
C/2003 H1	2003 06 26.97310	16 11 22.15	+23 04 58.2	15.5 N	A32
C/2003 H1	2003 06 26.97647	16 11 21.71	+23 04 56.6	15.3 N	A32
C/2003 H1	2003 06 26.97984	16 11 21.27	+23 04 55.1	15.4 N	A32
C/2003 H1	2003 06 26.98319	16 11 20.81	+23 04 53.3	15.3 N	A32
C/2003 H1	2003 06 27.20495	16 10 50.68	+23 03 15.0	14.6 T	H41
C/2003 H1	2003 06 27.21037	16 10 49.93	+23 03 12.9	14.7 T	H41
C/2003 H1	2003 06 27.95049	16 09 09.76	+22 57 32.1	15.5 N	A32
C/2003 H1	2003 06 27.95273	16 09 09.43	+22 57 31.2	15.5 N	A32
C/2003 H1	2003 06 27.95498	16 09 09.11	+22 57 30.0	15.5 N	A32
C/2003 H1	2003 06 27.95722	16 09 08.82	+22 57 29.1	15.4 N	A32
C/2003 H1	2003 06 27.95946	16 09 08.51	+22 57 28.1	15.4 N	A32
C/2003 H1	2003 06 28.27756	16 08 25.57	+22 54 59.6	15.7 T	H41
C/2003 H1	2003 06 28.28681	16 08 24.31	+22 54 54.8	15.7 T	H41
C/2003 H1	2003 06 28.91084	16 07 00.74	+22 49 55.5	16.0 N	J87
C/2003 H1	2003 06 28.91927	16 06 59.59	+22 49 51.7	15.6 N	J87
C/2003 H1	2003 06 28.92794	16 06 58.43	+22 49 47.4	15.8 N	J87
C/2003 H1	2003 06 28.95824	16 06 54.46	+22 49 30.2	15.5 N	213
C/2003 H1	2003 06 28.95924	16 06 54.14	+22 49 33.0	15.6 N	213
C/2003 H1	2003 06 28.97699	16 06 51.96	+22 49 23.2	15.0 N	445
C/2003 H1	2003 06 28.98052	16 06 51.39	+22 49 21.7	14.9 N	445
C/2003 H1	2003 06 28.99498	16 06 49.47	+22 49 14.4	15.0 N	445
C/2003 H1	2003 06 29.34057	16 06 03.21	+22 46 24.5	15.3 T	H41
C/2003 H1	2003 06 29.54962	16 05 35.46	+22 44 41.2		349
C/2003 H1	2003 06 29.55164	16 05 35.21	+22 44 40.3		349
C/2003 H1	2003 06 29.55572	16 05 34.66	+22 44 38.5		349
C/2003 H1	2003 06 29.55775	16 05 34.38	+22 44 37.5	15.5 T	349
C/2003 H1	2003 06 29.87750	16 04 51.77	+22 41 57.6	15.5 N	235
C/2003 H1	2003 06 29.89355	16 04 49.85	+22 41 48.2		A46
C/2003 H1	2003 06 29.89468	16 04 49.67	+22 41 47.5		A46
C/2003 H1	2003 06 29.89579	16 04 49.52	+22 41 46.9		A46
C/2003 H1	2003 06 29.89691	16 04 49.43	+22 41 46.4		A46
C/2003 H1	2003 06 29.89804	16 04 49.25	+22 41 46.0		A46
C/2003 H1	2003 06 29.89917	16 04 49.11	+22 41 45.5		A46
C/2003 H1	2003 06 30.02529	16 04 32.35	+22 40 41.2	15.3 N	212
C/2003 H1	2003 06 30.02911	16 04 31.84	+22 40 39.6	15.3 N	212
C/2003 H1	2003 06 30.03183	16 04 31.47	+22 40 38.4	15.3 N	212
C/2003 H1	2003 06 30.12317	16 04 19.48	+22 39 52.7	16.2 T	H72
C/2003 H1	2003 06 30.12492	16 04 19.24	+22 39 52.3	16.3 T	H72

C/2003 H1	2003 06 30.12666	16 04 19.01	+22 39 51.1	16.1 T	H72
C/2003 H1	2003 06 30.12839	16 04 18.82	+22 39 49.9	16.3 T	H72
C/2003 H1	2003 06 30.13035	16 04 18.62	+22 39 46.9	16.3 N	785
C/2003 H1	2003 06 30.14156	16 04 17.05	+22 39 42.3	15.1 N	785
C/2003 H1	2003 06 30.15821	16 04 14.78	+22 39 34.3	16.1 T	762
C/2003 H1	2003 06 30.17267	16 04 12.84	+22 39 27.2	16.1 T	762
C/2003 H1	2003 06 30.19068	16 04 10.54	+22 39 18.4	15.3 T	H41
C/2003 H1	2003 06 30.19155	16 04 10.27	+22 39 17.4	15.8 T	785
C/2003 H1	2003 06 30.23426	16 04 04.89	+22 38 54.0	15.8 T	785
C/2003 H1	2003 06 30.83868	16 02 45.18	+22 33 42.5	15.7 T	233
C/2003 H1	2003 06 30.84418	16 02 44.31	+22 33 38.5	16.1 T	233
C/2003 H1	2003 06 30.85302	16 02 43.34	+22 33 34.8	15.9 T	233
C/2003 H1	2003 06 30.87381	16 02 40.60	+22 33 25.1	15.3 N	442
C/2003 H1	2003 06 30.87434	16 02 40.48	+22 33 23.8	16.1 T	233
C/2003 H1	2003 06 30.87628	16 02 40.30	+22 33 24.0	15.3 N	442
C/2003 H1	2003 06 30.88194	16 02 39.54	+22 33 20.3		170
C/2003 H1	2003 06 30.88574	16 02 39.02	+22 33 18.6		170
C/2003 H1	2003 06 30.88841	16 02 38.70	+22 33 17.1		170
C/2003 H1	2003 07 01.10138	16 02 10.85	+22 31 25.3	15.2 T	H72
C/2003 H1	2003 07 01.10286	16 02 10.66	+22 31 24.1	15.5 T	H72
C/2003 H1	2003 07 01.10448	16 02 10.40	+22 31 23.8	16.5 T	H72
C/2003 H1	2003 07 01.10616	16 02 10.18	+22 31 22.6	15.5 T	H72
C/2003 H1	2003 07 02.17796	15 59 50.63	+22 21 46.0	15.0 T	H41
C/2003 H1	2003 07 02.18376	15 59 49.84	+22 21 42.8	15.1 T	H41
C/2003 H1	2003 07 02.23728	15 59 42.96	+22 21 12.3	16.2 T	785
C/2003 H1	2003 07 02.25916	15 59 39.92	+22 21 01.6	15.8 T	785
C/2003 H1	2003 07 02.89464	15 58 18.26	+22 15 07.6		A46
C/2003 H1	2003 07 02.89575	15 58 18.11	+22 15 07.1		A46
C/2003 H1	2003 07 02.89689	15 58 17.99	+22 15 06.5		A46
C/2003 H1	2003 07 02.89802	15 58 17.82	+22 15 05.6		A46
C/2003 H1	2003 07 02.89917	15 58 17.70	+22 15 04.9		A46
C/2003 H1	2003 07 02.90029	15 58 17.54	+22 15 04.2		A46
C/2003 H1	2003 07 02.91571	15 58 15.58	+22 14 55.6		048
C/2003 H1	2003 07 02.91649	15 58 15.50	+22 14 54.9		048
C/2003 H1	2003 07 02.91803	15 58 15.26	+22 14 54.0		048
C/2003 H1	2003 07 02.92181	15 58 14.80	+22 14 51.7		048
C/2003 H1	2003 07 02.92337	15 58 14.56	+22 14 51.3		048
C/2003 H1	2003 07 03.22554	15 57 35.84	+22 12 02.4	15.4 T	H41
C/2003 H1	2003 07 03.23344	15 57 34.80	+22 11 58.1	15.4 T	H41
C/2003 H1	2003 07 04.22407	15 55 28.98	+22 02 27.9	15.4 T	H41
C/2003 H1	2003 07 04.23273	15 55 27.89	+22 02 22.6	15.4 T	H41
C/2003 H1	2003 07 04.88589	15 54 05.96	+21 55 56.8	15.7 N	J87
C/2003 H1	2003 07 04.90029	15 54 04.07	+21 55 48.6	15.6 N	J87
C/2003 H1	2003 07 04.90861	15 54 02.99	+21 55 43.4	15.7 N	J87
C/2003 H1	2003 07 05.03414	15 53 47.31	+21 54 28.5	15.5 N	212
C/2003 H1	2003 07 05.03762	15 53 46.87	+21 54 25.9	15.4 N	212
C/2003 H1	2003 07 05.04039	15 53 46.56	+21 54 23.9	15.4 N	212
C/2003 H1	2003 07 05.30694	15 53 13.14	+21 51 44.9	16.0 N	H41
C/2003 H1	2003 07 05.30986	15 53 12.82	+21 51 43.1	14.9 T	H41
C/2003 H1	2003 07 05.83391	15 52 07.90	+21 46 25.5	18.5 N	461
C/2003 H1	2003 07 05.83720	15 52 07.44	+21 46 24.1		461
C/2003 H1	2003 07 05.84084	15 52 06.98	+21 46 22.0		461
C/2003 H1	2003 07 05.94484	15 51 54.31	+21 45 16.7	15.5 N	458

2003 AUG. 6

M.P.C. 49247

C/2003 H1	2003 07 05.94914	15 51 53.65	+21 45 14.4	15.5 N	458
C/2003 H1	2003 07 05.95450	15 51 52.86	+21 45 11.1	15.6 N	213
C/2003 H1	2003 07 05.95703	15 51 52.68	+21 45 09.8	15.5 N	213
C/2003 H1	2003 07 05.95906	15 51 52.24	+21 45 09.3	15.6 N	458
C/2003 H1	2003 07 06.22158	15 51 20.42	+21 42 26.2	16.2 T	704
C/2003 H1	2003 07 06.23149	15 51 19.04	+21 42 20.7	16.2 T	704
C/2003 H1	2003 07 06.24140	15 51 17.84	+21 42 14.5	16.3 T	704
C/2003 H1	2003 07 06.25136	15 51 16.59	+21 42 08.5	16.6 T	704
C/2003 H1	2003 07 06.26122	15 51 15.38	+21 42 02.4	16.4 T	704
C/2003 H1	2003 07 06.27863	15 51 12.91	+21 41 52.6	15.5 T	H41
C/2003 H1	2003 07 06.28404	15 51 12.26	+21 41 49.3	15.4 T	H41
C/2003 H1	2003 07 07.24501	15 49 14.93	+21 31 48.7	15.4 T	H41
C/2003 H1	2003 07 07.25061	15 49 14.28	+21 31 44.5	15.4 T	H41
C/2003 H1	2003 07 07.49310	15 48 44.97	+21 29 11.9	15.5 T	360
C/2003 H1	2003 07 07.49550	15 48 44.68	+21 29 10.4		360
C/2003 H1	2003 07 07.87103	15 47 59.46	+21 25 09.0		118
C/2003 H1	2003 07 07.87249	15 47 59.28	+21 25 08.2		118
C/2003 H1	2003 07 07.87612	15 47 58.84	+21 25 06.0		118
C/2003 H1	2003 07 07.87727	15 47 58.70	+21 25 05.1	15.7 N	118
C/2003 H1	2003 07 07.90100	15 47 55.88	+21 24 49.4		A46
C/2003 H1	2003 07 07.90213	15 47 55.69	+21 24 49.0		A46
C/2003 H1	2003 07 07.90325	15 47 55.60	+21 24 48.1		A46
C/2003 H1	2003 07 07.90438	15 47 55.43	+21 24 47.7		A46
C/2003 H1	2003 07 07.90550	15 47 55.31	+21 24 46.9		A46
C/2003 H1	2003 07 07.90662	15 47 55.21	+21 24 46.4		A46
C/2003 H1	2003 07 07.94134	15 47 50.90	+21 24 24.3		048
C/2003 H1	2003 07 07.94825	15 47 50.10	+21 24 19.6		048
C/2003 H1	2003 07 07.94936	15 47 49.99	+21 24 18.5		048
C/2003 H1	2003 07 07.95384	15 47 49.49	+21 24 15.7		048
C/2003 H1	2003 07 07.95611	15 47 49.25	+21 24 13.4		048
C/2003 H1	2003 07 08.23346	15 47 15.84	+21 21 16.4	15.8 T	785
C/2003 H1	2003 07 08.24191	15 47 14.94	+21 21 10.5	16.1 T	785
C/2003 H1	2003 07 08.89939	15 45 56.78	+21 14 01.5		118
C/2003 H1	2003 07 08.90264	15 45 56.36	+21 13 59.2		118
C/2003 H1	2003 07 08.90825	15 45 55.70	+21 13 55.4	15.8 N	118
C/2003 H1	2003 07 09.28613	15 45 10.99	+21 09 46.6	16.0 N	H41
C/2003 H1	2003 07 09.28780	15 45 10.80	+21 09 45.4	15.9 N	H41
C/2003 H1	2003 07 10.88912	15 42 05.00	+20 51 45.5	15.4 N	J97
C/2003 H1	2003 07 10.88970	15 42 04.74	+20 51 47.0		170
C/2003 H1	2003 07 10.89043	15 42 04.66	+20 51 46.2		170
C/2003 H1	2003 07 10.89190	15 42 04.48	+20 51 45.1		170
C/2003 H1	2003 07 10.89530	15 42 04.21	+20 51 42.7	15.4 N	J97
C/2003 H1	2003 07 10.90885	15 42 02.59	+20 51 34.6	15.4 N	J97
C/2003 H1	2003 07 10.91330	15 42 01.96	+20 51 30.7		A46
C/2003 H1	2003 07 10.91443	15 42 01.87	+20 51 29.2		A46
C/2003 H1	2003 07 10.91556	15 42 01.72	+20 51 28.3		A46
C/2003 H1	2003 07 10.91668	15 42 01.59	+20 51 26.8		A46
C/2003 H1	2003 07 10.91780	15 42 01.45	+20 51 26.6		A46
C/2003 H1	2003 07 10.92006	15 42 01.18	+20 51 25.4		A46
C/2003 H1	2003 07 10.92278	15 42 00.95	+20 51 23.7	15.2 N	A32
C/2003 H1	2003 07 10.92727	15 42 00.47	+20 51 20.1	15.4 N	A32
C/2003 H1	2003 07 10.93176	15 41 59.89	+20 51 17.4	15.3 N	A32
C/2003 H1	2003 07 10.93547	15 41 59.56	+20 51 15.7	15.3 N	939

C/2003 H1	2003 07 10.93889	15 41 59.09	+20 51 13.6	15.4 N	939
C/2003 H1	2003 07 10.94076	15 41 58.86	+20 51 11.2	15.7 N	A32
C/2003 H1	2003 07 10.94234	15 41 58.62	+20 51 11.4	15.3 N	939
C/2003 H1	2003 07 10.94527	15 41 58.31	+20 51 08.4	15.4 N	A32
C/2003 H1	2003 07 11.17269	15 41 32.30	+20 48 33.5	15.4 T	H41
C/2003 H1	2003 07 11.17657	15 41 31.81	+20 48 31.0	15.4 T	H41
C/2003 H1	2003 07 11.89670	15 40 10.07	+20 40 13.2	15.9 N	176
C/2003 H1	2003 07 11.89971	15 40 09.74	+20 40 11.0	15.9 N	176
C/2003 H1	2003 07 11.90237	15 40 09.45	+20 40 09.0	15.8 N	176
C/2003 H1	2003 07 11.90434	15 40 09.24	+20 40 07.5	15.8 N	176
C/2003 H1	2003 07 11.91796	15 40 07.76	+20 39 57.3	15.6 N	213
C/2003 H1	2003 07 11.91878	15 40 07.62	+20 39 56.3	15.5 N	939
C/2003 H1	2003 07 11.91896	15 40 07.63	+20 39 56.7	15.6 N	213
C/2003 H1	2003 07 11.91995	15 40 07.47	+20 39 56.2	15.6 N	213
C/2003 H1	2003 07 11.92373	15 40 07.04	+20 39 53.2	15.4 N	939
C/2003 H1	2003 07 11.92865	15 40 06.41	+20 39 50.3	15.5 N	939
C/2003 H1	2003 07 11.93030	15 40 06.23	+20 39 48.7		118
C/2003 H1	2003 07 11.93347	15 40 05.89	+20 39 46.3		118
C/2003 H1	2003 07 11.94012	15 40 05.09	+20 39 42.0		118
C/2003 H1	2003 07 11.94272	15 40 04.82	+20 39 40.2	16.3 N	118
C/2003 H1	2003 07 14.13183	15 36 02.33	+20 13 47.0	15.4 T	H41
C/2003 H1	2003 07 14.13594	15 36 01.90	+20 13 43.9	15.4 T	H41
C/2003 H1	2003 07 14.87074	15 34 42.71	+20 04 47.6		A46
C/2003 H1	2003 07 14.87300	15 34 42.43	+20 04 45.8		A46
C/2003 H1	2003 07 14.87524	15 34 42.12	+20 04 44.3		A46
C/2003 H1	2003 07 14.87637	15 34 42.07	+20 04 42.9		A46
C/2003 H1	2003 07 14.87749	15 34 41.90	+20 04 42.8		A46
C/2003 H1	2003 07 14.87861	15 34 41.81	+20 04 41.5		A46
C/2003 H1	2003 07 14.92120	15 34 37.25	+20 04 11.0		185
C/2003 H1	2003 07 14.93675	15 34 35.55	+20 03 59.6	15.6 N	A32
C/2003 H1	2003 07 14.93899	15 34 35.32	+20 03 58.0	15.5 N	A32
C/2003 H1	2003 07 14.94123	15 34 35.04	+20 03 56.9	15.8 T	185
C/2003 H1	2003 07 14.94124	15 34 35.08	+20 03 56.4	15.6 N	A32
C/2003 H1	2003 07 14.94348	15 34 34.83	+20 03 54.5	15.6 N	A32
C/2003 H1	2003 07 14.94573	15 34 34.58	+20 03 53.2	15.6 N	A32
C/2003 H1	2003 07 15.25899	15 34 01.02	+20 00 04.4	15.5 T	H41
C/2003 H1	2003 07 15.26233	15 34 00.65	+20 00 02.4	15.5 T	H41
C/2003 H1	2003 07 15.49718	15 33 35.92	+19 57 09.3		340
C/2003 H1	2003 07 15.49999	15 33 35.58	+19 57 06.7		340
C/2003 H1	2003 07 15.50296	15 33 35.22	+19 57 05.0	13.9 T	340
C/2003 H1	2003 07 15.88223	15 32 55.31	+19 52 25.5	15.5 N	442
C/2003 H1	2003 07 15.89569	15 32 53.90	+19 52 13.4		A46
C/2003 H1	2003 07 15.89682	15 32 53.68	+19 52 12.4		A46
C/2003 H1	2003 07 15.89794	15 32 53.54	+19 52 11.4		A46
C/2003 H1	2003 07 15.89907	15 32 53.43	+19 52 10.3		A46
C/2003 H1	2003 07 15.90020	15 32 53.25	+19 52 09.8		A46
C/2003 H1	2003 07 15.90132	15 32 53.10	+19 52 09.3		A46
C/2003 H1	2003 07 15.91619	15 32 51.62	+19 51 58.8	15.5 N	458
C/2003 H1	2003 07 15.92325	15 32 50.84	+19 51 54.5	15.5 N	458
C/2003 H1	2003 07 16.13869	15 32 28.09	+19 49 15.4	15.5 T	H41
C/2003 H1	2003 07 16.15088	15 32 26.83	+19 49 06.2	15.5 T	H41
C/2003 H1	2003 07 16.89168	15 31 09.85	+19 39 51.9	15.4 N	442
C/2003 H1	2003 07 16.89523	15 31 09.45	+19 39 49.6	15.4 N	442

C/2003 H1	2003 07 17.12541	15 30 45.74	+19 36 55.6	16.6 T	H72	C/2003 H1	2003 07 20.88512	15 24 32.82	+18 48 41.9		A46
C/2003 H1	2003 07 17.12734	15 30 45.54	+19 36 54.3	16.4 T	H72	C/2003 H1	2003 07 20.88625	15 24 32.76	+18 48 41.3		A46
C/2003 H1	2003 07 17.12956	15 30 45.28	+19 36 52.9	16.4 T	H72	C/2003 H1	2003 07 20.88736	15 24 32.59	+18 48 40.1		A46
C/2003 H1	2003 07 17.16443	15 30 41.73	+19 36 26.5	16.2 T	H72	C/2003 H1	2003 07 20.88848	15 24 32.56	+18 48 39.7		A46
C/2003 H1	2003 07 17.16735	15 30 41.40	+19 36 24.1	16.1 T	H72	C/2003 H1	2003 07 20.89073	15 24 32.33	+18 48 37.8		A46
C/2003 H1	2003 07 17.17025	15 30 41.06	+19 36 22.4	16.3 T	H72	C/2003 H1	2003 07 20.94633	15 24 27.02	+18 47 54.8	16.0 N	J87
C/2003 H1	2003 07 17.18426	15 30 39.58	+19 36 12.0	15.8 T	H41	C/2003 H1	2003 07 20.94994	15 24 26.67	+18 47 52.2	16.1 N	J87
C/2003 H1	2003 07 17.19168	15 30 38.81	+19 36 06.1	15.8 T	H41	C/2003 H1	2003 07 20.95332	15 24 26.37	+18 47 49.3	16.1 N	J87
C/2003 H1	2003 07 18.20245	15 28 55.93	+19 23 18.9	16.4 T	762	C/2003 H1	2003 07 21.94162	15 22 53.29	+18 34 50.0	15.6 N	939
C/2003 H1	2003 07 18.20933	15 28 55.22	+19 23 13.8	16.0 T	762	C/2003 H1	2003 07 21.94653	15 22 52.78	+18 34 46.1	15.6 N	939
C/2003 H1	2003 07 18.21190	15 28 54.97	+19 23 11.7	16.1 T	762	C/2003 H1	2003 07 21.94900	15 22 52.52	+18 34 44.1	15.6 N	939
C/2003 H1	2003 07 18.87197	15 27 49.07	+19 14 45.9		A46	C/2003 H1	2003 07 22.93786	15 21 21.20	+18 21 37.3	15.3 T	A32
C/2003 H1	2003 07 18.87309	15 27 48.93	+19 14 45.6		A46	C/2003 H1	2003 07 22.94009	15 21 20.96	+18 21 35.6	15.4 N	A32
C/2003 H1	2003 07 18.87535	15 27 48.63	+19 14 44.4		A46	C/2003 H1	2003 07 22.94234	15 21 20.79	+18 21 33.8	15.4 N	A32
C/2003 H1	2003 07 18.87646	15 27 48.53	+19 14 43.3		A46	C/2003 H1	2003 07 22.94458	15 21 20.53	+18 21 31.7	15.4 N	A32
C/2003 H1	2003 07 18.87984	15 27 48.19	+19 14 39.6		A46	C/2003 H1	2003 07 22.94683	15 21 20.35	+18 21 29.9	15.5 N	A32
C/2003 H1	2003 07 18.88096	15 27 48.10	+19 14 39.5		A46	C/2003 H1	2003 07 22.99332	15 21 16.10	+18 20 54.9	15.6 T	619
C/2003 H1	2003 07 18.90319	15 27 45.93	+19 14 23.0	15.4 N	442	C/2003 H1	2003 07 23.01252	15 21 15.57	+18 20 49.9	15.8 T	619
C/2003 H1	2003 07 18.90520	15 27 45.73	+19 14 22.3	15.4 N	442	C/2003 H1	2003 07 23.86927	15 19 56.95	+18 09 12.5	15.9 N	235
C/2003 H1	2003 07 18.94039	15 27 42.17	+19 13 53.5	15.7 N	458	C/2003 H1	2003 07 24.86514	15 18 28.93	+17 55 48.1	16.0 N	J87
C/2003 H1	2003 07 18.94723	15 27 41.45	+19 13 48.5	15.6 N	458	C/2003 H1	2003 07 24.87057	15 18 28.39	+17 55 43.6	15.9 N	J87
C/2003 H1	2003 07 18.95118	15 27 41.11	+19 13 44.3	15.6 N	458	C/2003 H1	2003 07 24.87588	15 18 27.90	+17 55 39.4	15.4 N	J87
C/2003 H1	2003 07 18.97631	15 27 38.74	+19 13 25.9	15.6 N	939	C/2003 H1	2003 07 25.91822	15 16 57.78	+17 41 31.8		A46
C/2003 H1	2003 07 18.98122	15 27 38.24	+19 13 22.2	15.5 N	939	C/2003 H1	2003 07 25.92047	15 16 57.59	+17 41 29.3		A46
C/2003 H1	2003 07 18.98611	15 27 37.75	+19 13 18.3	15.5 N	939	C/2003 H1	2003 07 25.92160	15 16 57.52	+17 41 29.0		A46
C/2003 H1	2003 07 19.83938	15 26 13.72	+19 02 20.2	15.6 N	235	C/2003 H1	2003 07 25.92272	15 16 57.37	+17 41 27.7		A46
C/2003 H1	2003 07 19.85605	15 26 12.12	+19 02 07.2	15.5 N	232	C/2003 H1	2003 07 25.92497	15 16 57.17	+17 41 26.1		A46
C/2003 H1	2003 07 19.86653	15 26 11.10	+19 01 58.3	15.4 N	232	C/2003 H1	2003 07 25.92609	15 16 57.09	+17 41 25.2		A46
C/2003 H1	2003 07 19.87169	15 26 10.61	+19 01 54.0	15.5 N	232	C/2003 H1	2003 07 25.92919	15 16 56.93	+17 41 23.3	15.7 N	232
C/2003 H1	2003 07 19.87910	15 26 09.90	+19 01 47.7		048	C/2003 H1	2003 07 25.93696	15 16 56.23	+17 41 16.9	15.7 N	232
C/2003 H1	2003 07 19.87987	15 26 09.79	+19 01 47.2		048	C/2003 H1	2003 07 25.94531	15 16 55.50	+17 41 10.9	15.7 N	232
C/2003 H1	2003 07 19.88064	15 26 09.75	+19 01 46.7		048	C/2003 H1	2003 07 26.54343	15 16 04.88	+17 33 01.3	16.0 T	900
C/2003 H1	2003 07 19.88141	15 26 09.64	+19 01 46.4		048	C/2003 H1	2003 07 26.55444	15 16 03.92	+17 32 52.2	16.2 T	900
C/2003 H1	2003 07 19.88218	15 26 09.62	+19 01 45.2		048	C/2003 H1	2003 07 26.57782	15 15 36.73	+17 28 27.3	15.7 N	213
C/2003 H1	2003 07 19.89396	15 26 08.43	+19 01 36.2		A46	C/2003 H1	2003 07 26.88372	15 15 36.29	+17 28 23.0	15.7 N	213
C/2003 H1	2003 07 19.89508	15 26 08.33	+19 01 35.3		A46	C/2003 H1	2003 07 26.88472	15 15 36.20	+17 28 22.1	15.7 N	213
C/2003 H1	2003 07 19.89733	15 26 08.09	+19 01 33.3		A46	C/2003 H1	2003 07 26.92435	15 15 33.00	+17 27 49.0	15.8 N	939
C/2003 H1	2003 07 19.89844	15 26 07.97	+19 01 32.7		A46	C/2003 H1	2003 07 26.92920	15 15 32.58	+17 27 45.3	15.7 N	939
C/2003 H1	2003 07 19.89955	15 26 07.90	+19 01 31.7		A46	C/2003 H1	2003 07 26.93333	15 15 32.17	+17 27 41.2		A46
C/2003 H1	2003 07 19.90066	15 26 07.79	+19 01 30.9		A46	C/2003 H1	2003 07 26.93410	15 15 32.14	+17 27 41.7	15.7 N	939
C/2003 H1	2003 07 19.93280	15 26 04.72	+19 01 05.5	15.2 N	A32	C/2003 H1	2003 07 26.93444	15 15 32.04	+17 27 40.5		A46
C/2003 H1	2003 07 19.93953	15 26 04.05	+19 01 00.6	15.1 N	A32	C/2003 H1	2003 07 26.93558	15 15 31.93	+17 27 39.6		A46
C/2003 H1	2003 07 19.94737	15 26 03.34	+19 00 54.3	15.3 N	A32	C/2003 H1	2003 07 26.93670	15 15 31.86	+17 27 38.0		A46
C/2003 H1	2003 07 19.95258	15 26 02.74	+19 00 51.4	15.4 N	939	C/2003 H1	2003 07 26.93784	15 15 31.68	+17 27 37.0		A46
C/2003 H1	2003 07 19.95411	15 26 02.64	+19 00 48.6	15.4 N	A32	C/2003 H1	2003 07 26.93896	15 15 31.64	+17 27 36.2		A46
C/2003 H1	2003 07 19.95741	15 26 02.25	+19 00 47.2	15.4 N	939	C/2003 H1	2003 07 28.16203	15 13 51.67	+17 10 52.1	16.7 T	704
C/2003 H1	2003 07 19.95971	15 26 02.03	+19 00 44.9	15.1 N	A32	C/2003 H1	2003 07 28.17239	15 13 50.84	+17 10 42.5	16.6 T	704
C/2003 H1	2003 07 19.95987	15 26 02.02	+19 00 45.0	15.4 N	939	C/2003 H1	2003 07 28.19287	15 13 49.14	+17 10 26.2	16.9 T	704
C/2003 H1	2003 07 20.13226	15 25 45.35	+18 58 32.9	16.2 T	H72	C/2003 H1	2003 07 28.20310	15 13 48.25	+17 10 17.2	16.8 T	704
C/2003 H1	2003 07 20.13377	15 25 45.21	+18 58 31.4	16.1 T	H72	C/2003 H1	2003 07 29.89106	15 11 34.29	+16 46 58.7	15.4 N	A32
C/2003 H1	2003 07 20.13528	15 25 45.03	+18 58 29.8	16.1 T	H72	C/2003 H1	2003 07 29.89331	15 11 34.13	+16 46 57.7	15.5 N	A32
C/2003 H1	2003 07 20.13685	15 25 44.90	+18 58 28.3	12.5 T	H72	C/2003 H1	2003 07 29.89556	15 11 33.92	+16 46 55.2	15.3 N	A32
C/2003 H1	2003 07 20.88288	15 24 33.08	+18 48 44.1		A46	C/2003 H1	2003 07 29.89779	15 11 33.73	+16 46 52.8	15.4 N	A32

2003 AUG. 6

M.P.C. 49249

C/2003 H1	2003 07 29.90003	15 11 33.55	+16 46 51.8	15.5 N	A32
C/2003 H1	2003 07 29.91778	15 11 32.20	+16 46 37.6	15.7 N	442
C/2003 H1	2003 07 29.92059	15 11 31.89	+16 46 35.8	15.7 N	442
C/2003 H1	2003 07 30.52916	15 10 45.08	+16 38 08.1		340
C/2003 H1	2003 07 30.53162	15 10 44.88	+16 38 06.0		340
C/2003 H1	2003 07 30.53399	15 10 44.71	+16 38 03.8	14.8 T	340
C/2003 H1	2003 07 30.88694	15 10 17.88	+16 33 11.4	15.4 N	458
C/2003 H1	2003 07 30.89326	15 10 17.37	+16 33 03.6	15.5 N	458
C/2003 H1	2003 07 30.90061	15 10 16.87	+16 32 57.1	15.4 N	458
C/2003 H1	2003 07 31.49677	15 09 32.02	+16 24 41.3	15.5 T	360
C/2003 H1	2003 07 31.49922	15 09 31.84	+16 24 39.2		360
C/2003 H1	2003 07 31.91374	15 09 01.25	+16 18 51.0	15.6 N	A32
C/2003 H1	2003 07 31.91598	15 09 01.08	+16 18 49.1	15.5 N	A32
C/2003 H1	2003 07 31.91823	15 09 00.95	+16 18 47.4	15.5 N	A32
C/2003 H1	2003 07 31.92046	15 09 00.79	+16 18 45.4	15.4 N	A32
C/2003 H1	2003 07 31.92271	15 09 00.59	+16 18 43.8	15.5 N	A32
C/2003 H1	2003 07 31.92272	15 09 00.46	+16 18 44.2	16.1 N	636
C/2003 H1	2003 07 31.92497	15 09 00.32	+16 18 42.8		636
C/2003 H1	2003 07 31.92608	15 09 00.28	+16 18 41.1	16.3 N	636
C/2003 H1	2003 07 31.92720	15 09 00.16	+16 18 40.4		636
C/2003 H1	2003 08 01.88220	15 07 50.79	+16 05 20.2	16.0 N	213
C/2003 H1	2003 08 01.88326	15 07 50.68	+16 05 19.8	16.0 N	213
C/2003 H1	2003 08 01.88513	15 07 50.61	+16 05 17.8	16.0 N	213
C/2003 H1	2003 08 01.89825	15 07 49.62	+16 05 07.9	15.6 N	232
C/2003 H1	2003 08 01.90084	15 07 49.46	+16 05 05.3	15.6 N	232
C/2003 H1	2003 08 01.90858	15 07 48.87	+16 04 58.3	15.6 N	232
C/2003 H1	2003 08 02.51751	15 07 05.55	+15 56 27.1	15.5 T	349
C/2003 H1	2003 08 02.52095	15 07 05.31	+15 56 23.3		349
C/2003 H1	2003 08 02.52270	15 07 05.12	+15 56 22.7		349
C/2003 H1	2003 08 02.85381	15 06 41.79	+15 51 44.2		A46
C/2003 H1	2003 08 02.85494	15 06 41.79	+15 51 42.5		A46
C/2003 H1	2003 08 02.85720	15 06 41.60	+15 51 40.8		A46
C/2003 H1	2003 08 02.85774	15 06 41.59	+15 51 41.3	16.1 T	215
C/2003 H1	2003 08 02.85828	15 06 41.52	+15 51 41.2	16.3 T	215
C/2003 H1	2003 08 02.85832	15 06 41.49	+15 51 40.6		A46
C/2003 H1	2003 08 02.85880	15 06 41.50	+15 51 40.6	15.7 T	215
C/2003 H1	2003 08 02.86058	15 06 41.36	+15 51 39.1		A46
C/2003 H1	2003 08 02.86170	15 06 41.33	+15 51 38.4		A46
C/2003 H1	2003 08 03.51830	15 05 55.78	+15 42 25.0		349
C/2003 H1	2003 08 03.52193	15 05 55.53	+15 42 21.9		349
C/2003 H1	2003 08 03.52529	15 05 55.30	+15 42 18.8		349
C/2003 H1	2003 08 03.53051	15 05 54.94	+15 42 15.0	15.4 T	349
C/2003 H1	2003 08 03.82830	15 05 34.63	+15 38 02.8		048
C/2003 H1	2003 08 03.83124	15 05 34.46	+15 38 00.2		048
C/2003 H1	2003 08 03.83419	15 05 34.24	+15 37 58.7		048
C/2003 H1	2003 08 03.83712	15 05 34.00	+15 37 56.2		048
C/2003 H1	2003 08 03.84001	15 05 33.75	+15 37 54.6		048
C/2003 H1	2003 08 03.84557	15 05 32.81	+15 37 50.7	14.5 N	442
C/2003 H1	2003 08 03.84766	15 05 32.83	+15 37 50.7	14.6 N	442
C/2003 H1	2003 08 04.10563	15 05 15.93	+15 34 10.3	15.4 T	H41
C/2003 H1	2003 08 04.11253	15 05 15.41	+15 34 04.8	15.4 T	H41
C/2003 H1	2003 08 04.82580	15 04 27.55	+15 24 04.9		048
C/2003 H1	2003 08 04.82814	15 04 27.40	+15 24 02.4		048

C/2003 H1	2003 08 04.83123	15 04 27.12	+15 23 58.9		048
C/2003 H1	2003 08 04.83278	15 04 27.03	+15 23 57.4		048
C/2003 H1	2003 08 04.83583	15 04 26.81	+15 23 55.3		048

C/2003 H2 (LINEAR)

C/2003 H2	2003 06 08.01103	17 03 38.87	+05 09 36.9	17.0 T	213
C/2003 H2	2003 06 08.01483	17 03 38.55	+05 09 30.1	17.0 T	213
C/2003 H2	2003 06 08.30240	17 02 53.97	+04 58 09.7	17.1 T	H41
C/2003 H2	2003 06 08.30828	17 02 53.05	+04 57 56.2	17.2 T	H41
C/2003 H2	2003 06 08.31542	17 02 51.81	+04 57 38.9	17.2 T	H41
C/2003 H2	2003 06 09.27238	17 00 24.17	+04 19 38.1	18.6 T	704
C/2003 H2	2003 06 09.30304	17 00 19.52	+04 18 25.3	18.6 T	704
C/2003 H2	2003 06 09.31095	17 00 18.20	+04 18 07.9	18.0 N	H41
C/2003 H2	2003 06 09.31332	17 00 17.89	+04 18 00.0	19.0 T	704
C/2003 H2	2003 06 09.31990	17 00 16.97	+04 17 45.6	18.0 N	H41
C/2003 H2	2003 06 20.92784	16 31 14.67	-03 42 07.3	18.2 T	215
C/2003 H2	2003 06 20.92833	16 31 14.62	-03 42 08.4	18.4 T	215
C/2003 H2	2003 06 20.92883	16 31 14.54	-03 42 09.6	17.7 T	215
C/2003 H2	2003 06 21.91726	16 28 54.79	-04 23 16.0	17.8 N	213
C/2003 H2	2003 06 21.92255	16 28 54.01	-04 23 28.0	17.8 N	213
C/2003 H2	2003 06 22.23730	16 28 09.76	-04 36 33.1	18.0 T	H41
C/2003 H2	2003 06 22.24338	16 28 08.97	-04 36 46.7	18.1 T	H41
C/2003 H2	2003 06 23.26837	16 25 46.56	-05 19 12.8	18.0 T	H41
C/2003 H2	2003 06 24.28266	16 23 28.01	-06 00 58.2	17.9 T	H41
C/2003 H2	2003 06 24.29470	16 23 26.27	-06 01 25.9	17.8 T	H41
C/2003 H2	2003 06 25.93498	16 19 47.12	-07 08 23.0		246
C/2003 H2	2003 06 25.93579	16 19 47.00	-07 08 25.1		246
C/2003 H2	2003 06 25.93647	16 19 46.89	-07 08 26.5		246
C/2003 H2	2003 06 25.93791	16 19 46.70	-07 08 30.1		246
C/2003 H2	2003 06 25.93852	16 19 46.61	-07 08 32.0		246
C/2003 H2	2003 06 25.93918	16 19 46.51	-07 08 33.5		246
C/2003 H2	2003 06 27.21485	16 17 00.39	-08 00 00.3	18.6 T	H41
C/2003 H2	2003 06 28.29235	16 14 43.22	-08 43 01.4	18.5 T	H41
C/2003 H2	2003 06 28.30052	16 14 42.13	-08 43 21.4	18.4 T	H41
C/2003 H2	2003 07 01.22200	16 08 46.14	-10 37 41.5	19.3 T	704
C/2003 H2	2003 07 01.23204	16 08 45.11	-10 38 06.8	19.9 T	704
C/2003 H2	2003 07 01.24198	16 08 43.80	-10 38 27.9	19.2 T	704
C/2003 H2	2003 07 01.25201	16 08 42.64	-10 38 51.4	19.1 T	704
C/2003 H2	2003 07 01.26214	16 08 41.34	-10 39 14.8	19.2 T	704
C/2003 H2	2003 07 02.18689	16 06 53.69	-11 14 38.5	18.4 T	H41
C/2003 H2	2003 07 02.19235	16 06 53.12	-11 14 47.3	18.5 T	H41
C/2003 H2	2003 07 07.53438	15 57 19.30	-14 31 02.1	18.2 T	360
C/2003 H2	2003 07 07.53684	15 57 18.98	-14 31 07.0		360
C/2003 H2	2003 07 07.53970	15 57 18.69	-14 31 13.0		360
C/2003 H2	2003 08 02.43453	15 30 44.13	-26 52 20.8	18.5 N	E14
C/2003 H2	2003 08 02.44163	15 30 44.17	-26 52 31.4	18.1 N	E14
C/2003 H2	2003 08 02.44873	15 30 43.91	-26 52 39.3	19.1 N	E14

C/2003 H3 (NEAT)

C/2003 H3	2003 05 03.75313	19 44 56.18	-13 44 53.1	17.1 T	372
C/2003 H3	2003 05 08.76840	19 46 13.79	-12 18 47.8	16.7 T	372
C/2003 H3	2003 05 09.71181	19 46 24.49	-12 02 23.7	16.8 T	372
C/2003 H3	2003 06 04.05589	19 43 23.94	-04 24 02.0		048
C/2003 H3	2003 06 04.06141	19 43 23.82	-04 23 56.7		048

C/2003 H3	2003 06 04.06361	19 43 23.68	-04 23 54.8		048
C/2003 H3	2003 06 08.05994	19 41 35.64	-03 11 11.7	15.8 T	232
C/2003 H3	2003 06 08.07037	19 41 35.29	-03 11 01.3	15.8 T	232
C/2003 H3	2003 06 08.07561	19 41 35.08	-03 10 57.5	15.8 T	232
C/2003 H3	2003 06 08.38637	19 41 25.83	-03 05 17.3	15.5 T	H41
C/2003 H3	2003 06 09.34624	19 40 56.71	-02 47 58.3	15.6 T	H41
C/2003 H3	2003 06 09.34903	19 40 56.59	-02 47 55.9	15.6 T	H41
C/2003 H3	2003 06 10.02840	19 40 35.21	-02 35 43.2		048
C/2003 H3	2003 06 10.03061	19 40 35.20	-02 35 40.8		048
C/2003 H3	2003 06 10.03171	19 40 35.17	-02 35 40.1		048
C/2003 H3	2003 06 10.03613	19 40 35.00	-02 35 35.2		048
C/2003 H3	2003 06 10.03723	19 40 34.94	-02 35 33.6		048
C/2003 H3	2003 06 10.03834	19 40 34.94	-02 35 33.1		048
C/2003 H3	2003 06 10.03944	19 40 34.93	-02 35 31.8		048
C/2003 H3	2003 06 10.04164	19 40 34.83	-02 35 28.7		048
C/2003 H3	2003 06 10.04275	19 40 34.82	-02 35 27.8		048
C/2003 H3	2003 06 10.04385	19 40 34.79	-02 35 26.5		048
C/2003 H3	2003 06 16.98396	19 36 27.98	-00 32 50.2		048
C/2003 H3	2003 06 16.98701	19 36 27.83	-00 32 46.7		048
C/2003 H3	2003 06 16.98779	19 36 27.82	-00 32 45.6		048
C/2003 H3	2003 06 16.98854	19 36 27.79	-00 32 44.8		048
C/2003 H3	2003 06 16.98931	19 36 27.75	-00 32 44.5		048
C/2003 H3	2003 06 19.31179	19 34 54.48	+00 07 08.9	15.4 T	H41
C/2003 H3	2003 06 19.31383	19 34 54.42	+00 07 11.9	15.5 T	H41
C/2003 H3	2003 06 20.32301	19 34 12.39	+00 24 18.1	15.4 T	H41
C/2003 H3	2003 06 20.67887	19 33 57.33	+00 30 17.5	15.8 T	349
C/2003 H3	2003 06 20.68094	19 33 57.25	+00 30 20.5		349
C/2003 H3	2003 06 20.68361	19 33 57.15	+00 30 23.0		349
C/2003 H3	2003 06 20.94953	19 33 45.97	+00 34 51.3	15.2 N	235
C/2003 H3	2003 06 21.11154	19 33 38.86	+00 37 33.8	15.2 N	213
C/2003 H3	2003 06 21.11470	19 33 38.72	+00 37 37.0	15.2 N	213
C/2003 H3	2003 06 21.11567	19 33 38.68	+00 37 37.7	15.2 N	213
C/2003 H3	2003 06 21.96019	19 33 02.53	+00 51 43.9	15.8 T	215
C/2003 H3	2003 06 21.96079	19 33 02.49	+00 51 44.6	15.7 T	215
C/2003 H3	2003 06 21.96132	19 33 02.46	+00 51 45.0	15.8 T	215
C/2003 H3	2003 06 22.07943	19 32 57.23	+00 53 42.4	15.3 T	232
C/2003 H3	2003 06 22.08462	19 32 57.01	+00 53 48.5	15.3 T	232
C/2003 H3	2003 06 22.08981	19 32 56.74	+00 53 54.0	15.2 T	232
C/2003 H3	2003 06 22.28587	19 32 48.33	+00 57 08.9	15.8 T	H41
C/2003 H3	2003 06 23.31222	19 32 03.12	+01 14 05.0	15.9 T	H41
C/2003 H3	2003 06 23.31623	19 32 02.94	+01 14 09.5	15.9 T	H41
C/2003 H3	2003 06 24.23543	19 31 21.88	+01 29 10.2	16.2 T	785
C/2003 H3	2003 06 24.26043	19 31 20.74	+01 29 34.6	16.2 T	785
C/2003 H3	2003 06 24.32251	19 31 17.92	+01 30 35.5	15.9 T	H41
C/2003 H3	2003 06 24.33112	19 31 17.51	+01 30 43.7	15.9 T	H41
C/2003 H3	2003 06 24.99400	19 30 47.59	+01 41 27.5		127
C/2003 H3	2003 06 24.99950	19 30 47.34	+01 41 32.9		127
C/2003 H3	2003 06 25.00517	19 30 47.08	+01 41 38.2		127
C/2003 H3	2003 06 25.32110	19 30 32.59	+01 46 43.8	15.9 T	H41
C/2003 H3	2003 06 25.32762	19 30 32.32	+01 46 50.5	16.0 T	H41
C/2003 H3	2003 06 26.01356	19 30 00.79	+01 57 48.5		118
C/2003 H3	2003 06 26.01539	19 30 00.71	+01 57 50.1		118
C/2003 H3	2003 06 26.01919	19 30 00.54	+01 57 54.3	16.3 N	118

C/2003 H3	2003 06 27.25720	19 29 03.07	+02 17 31.2	16.0 T	H41
C/2003 H3	2003 06 27.26523	19 29 02.67	+02 17 38.3	15.9 T	H41
C/2003 H3	2003 06 28.30653	19 28 13.48	+02 33 53.2	15.5 T	H41
C/2003 H3	2003 06 28.30922	19 28 13.44	+02 33 56.2	15.5 T	H41
C/2003 H3	2003 06 28.31171	19 28 13.30	+02 33 58.7	15.6 T	H41
C/2003 H3	2003 06 28.95729	19 27 42.64	+02 43 56.7		616
C/2003 H3	2003 06 28.96038	19 27 42.55	+02 43 59.9		616
C/2003 H3	2003 06 28.96194	19 27 42.51	+02 44 01.5		616
C/2003 H3	2003 06 29.07799	19 27 36.65	+02 45 45.6	15.1 N	213
C/2003 H3	2003 06 29.08073	19 27 36.59	+02 45 51.0	15.0 N	213
C/2003 H3	2003 06 29.08353	19 27 36.48	+02 45 52.9	15.0 N	213
C/2003 H3	2003 06 29.27863	19 27 27.35	+02 48 54.3	16.7 T	704
C/2003 H3	2003 06 29.28845	19 27 26.88	+02 49 02.9	16.5 T	704
C/2003 H3	2003 06 29.29827	19 27 26.41	+02 49 11.5	16.8 T	704
C/2003 H3	2003 06 29.30809	19 27 25.93	+02 49 20.7	16.5 T	704
C/2003 H3	2003 06 29.31793	19 27 25.43	+02 49 30.0	16.6 T	704
C/2003 H3	2003 07 02.29978	19 25 00.92	+03 34 13.0	15.2 T	785
C/2003 H3	2003 07 02.31321	19 25 00.24	+03 34 23.1	15.6 T	785
C/2003 H3	2003 07 02.98274	19 24 27.51	+03 44 10.0		048
C/2003 H3	2003 07 02.98425	19 24 27.42	+03 44 10.9		048
C/2003 H3	2003 07 02.98716	19 24 27.26	+03 44 13.8		048
C/2003 H3	2003 07 02.99588	19 24 26.83	+03 44 21.3		048
C/2003 H3	2003 07 02.99878	19 24 26.70	+03 44 24.2		048
C/2003 H3	2003 07 04.28918	19 23 23.23	+04 02 58.6	16.1 T	H41
C/2003 H3	2003 07 04.29666	19 23 22.74	+04 03 04.3	16.2 T	H41
C/2003 H3	2003 07 05.08663	19 22 43.59	+04 14 13.8	14.9 N	212
C/2003 H3	2003 07 05.08958	19 22 43.44	+04 14 16.6	14.8 N	212
C/2003 H3	2003 07 05.09271	19 22 43.29	+04 14 19.8	14.8 N	212
C/2003 H3	2003 07 05.27716	19 22 34.22	+04 16 53.9	17.0 T	704
C/2003 H3	2003 07 05.28697	19 22 33.77	+04 17 01.7	17.0 T	704
C/2003 H3	2003 07 05.29690	19 22 33.26	+04 17 09.4	17.3 T	704
C/2003 H3	2003 07 05.32262	19 22 31.90	+04 17 32.7	15.9 T	H41
C/2003 H3	2003 07 05.32800	19 22 31.61	+04 17 36.8	15.8 T	H41
C/2003 H3	2003 07 06.32716	19 21 42.03	+04 31 27.5	15.8 T	H41
C/2003 H3	2003 07 06.33429	19 21 41.70	+04 31 34.0	15.8 T	H41
C/2003 H3	2003 07 07.27763	19 20 54.81	+04 44 25.6	15.6 T	H41
C/2003 H3	2003 07 07.28348	19 20 54.51	+04 44 29.9	15.6 T	H41
C/2003 H3	2003 07 07.63082	19 20 37.20	+04 49 10.0		379
C/2003 H3	2003 07 07.63244	19 20 37.16	+04 49 11.8		379
C/2003 H3	2003 07 07.63567	19 20 36.99	+04 49 13.8		379
C/2003 H3	2003 07 07.63735	19 20 36.86	+04 49 15.9	14.7 T	379
C/2003 H3	2003 07 07.98613	19 20 19.51	+04 53 55.3		048
C/2003 H3	2003 07 07.98725	19 20 19.47	+04 53 56.0		048
C/2003 H3	2003 07 07.98836	19 20 19.38	+04 53 56.7		048
C/2003 H3	2003 07 07.99166	19 20 19.24	+04 53 59.8		048
C/2003 H3	2003 07 07.99388	19 20 19.15	+04 54 01.8		048
C/2003 H3	2003 07 08.23612	19 20 07.07	+04 57 14.7	16.1 T	785
C/2003 H3	2003 07 08.24747	19 20 06.47	+04 57 23.6	15.9 T	785
C/2003 H3	2003 07 09.32209	19 19 12.99	+05 11 32.4	15.3 T	H41
C/2003 H3	2003 07 09.32631	19 19 12.76	+05 11 36.0	15.4 T	H41
C/2003 H3	2003 07 09.88641	19 18 45.07	+05 18 46.7		947
C/2003 H3	2003 07 09.89251	19 18 44.82	+05 18 53.8		947
C/2003 H3	2003 07 09.90514	19 18 44.18	+05 19 04.2		947

2003 AUG. 6

M.P.C. 49251

C/2003 H3	2003 07 09.97931	19 18 40.37	+05 20 01.6	15.3 T	939
C/2003 H3	2003 07 09.98315	19 18 40.18	+05 20 04.5	15.3 T	939
C/2003 H3	2003 07 09.99075	19 18 39.77	+05 20 10.6	15.3 T	939
C/2003 H3	2003 07 10.89598	19 17 54.93	+05 31 42.1	15.0 N	213
C/2003 H3	2003 07 10.89711	19 17 54.89	+05 31 43.3	15.0 N	213
C/2003 H3	2003 07 10.89855	19 17 54.88	+05 31 43.6	15.0 N	213
C/2003 H3	2003 07 11.01469	19 17 48.95	+05 33 10.6	15.3 T	A32
C/2003 H3	2003 07 11.01694	19 17 48.83	+05 33 12.4	15.4 T	A32
C/2003 H3	2003 07 11.01807	19 17 48.78	+05 33 13.0	15.3 T	A32
C/2003 H3	2003 07 11.01920	19 17 48.71	+05 33 14.1	15.5 T	A32
C/2003 H3	2003 07 11.21653	19 17 39.06	+05 35 44.1	15.3 T	H41
C/2003 H3	2003 07 11.22285	19 17 38.71	+05 35 48.9	15.3 T	H41
C/2003 H3	2003 07 11.95375	19 17 02.46	+05 44 54.7	15.4 T	939
C/2003 H3	2003 07 11.95868	19 17 02.19	+05 44 57.2	15.4 T	939
C/2003 H3	2003 07 11.96128	19 17 02.16	+05 44 59.0	15.9 N	176
C/2003 H3	2003 07 11.96360	19 17 01.97	+05 45 00.2	15.4 T	939
C/2003 H3	2003 07 11.96453	19 17 01.98	+05 45 01.5	15.9 N	176
C/2003 H3	2003 07 11.96672	19 17 01.86	+05 45 03.2	15.6 N	176
C/2003 H3	2003 07 11.96962	19 17 01.70	+05 45 05.4	15.7 N	176
C/2003 H3	2003 07 12.05863	19 16 57.19	+05 46 10.7		118
C/2003 H3	2003 07 12.06451	19 16 56.92	+05 46 15.3		118
C/2003 H3	2003 07 12.06655	19 16 56.80	+05 46 16.9	16.4 N	118
C/2003 H3	2003 07 15.03975	19 14 30.97	+06 21 43.7	15.6 T	A32
C/2003 H3	2003 07 15.04308	19 14 30.73	+06 21 45.6		A46
C/2003 H3	2003 07 15.04318	19 14 30.81	+06 21 45.8	15.9 T	A32
C/2003 H3	2003 07 15.04421	19 14 30.68	+06 21 46.6		A46
C/2003 H3	2003 07 15.04648	19 14 30.57	+06 21 48.3		A46
C/2003 H3	2003 07 15.04762	19 14 30.50	+06 21 49.1		A46
C/2003 H3	2003 07 15.04875	19 14 30.48	+06 21 50.1		A46
C/2003 H3	2003 07 15.05102	19 14 30.31	+06 21 52.1		A46
C/2003 H3	2003 07 15.28216	19 14 19.15	+06 24 31.7	16.4 T	H41
C/2003 H3	2003 07 15.28942	19 14 18.79	+06 24 36.7	16.5 T	H41
C/2003 H3	2003 07 15.97265	19 13 45.70	+06 32 22.4		048
C/2003 H3	2003 07 15.97491	19 13 45.62	+06 32 23.2		048
C/2003 H3	2003 07 15.97826	19 13 45.44	+06 32 25.8		048
C/2003 H3	2003 07 15.98047	19 13 45.35	+06 32 27.9		048
C/2003 H3	2003 07 15.98836	19 13 44.88	+06 32 33.1		048
C/2003 H3	2003 07 16.03384	19 13 42.70	+06 33 03.6		A46
C/2003 H3	2003 07 16.03723	19 13 42.43	+06 33 06.4		A46
C/2003 H3	2003 07 16.03837	19 13 42.44	+06 33 07.5		A46
C/2003 H3	2003 07 16.03950	19 13 42.35	+06 33 08.4		A46
C/2003 H3	2003 07 16.04062	19 13 42.33	+06 33 07.7		A46
C/2003 H3	2003 07 16.04303	19 13 42.18	+06 33 09.1		A46
C/2003 H3	2003 07 16.23109	19 13 33.33	+06 35 18.5	16.5 T	H41
C/2003 H3	2003 07 16.23816	19 13 32.96	+06 35 23.6	16.5 T	H41
C/2003 H3	2003 07 17.17985	19 12 47.66	+06 45 49.6	16.9 T	H72
C/2003 H3	2003 07 17.18275	19 12 47.51	+06 45 51.2	16.8 T	H72
C/2003 H3	2003 07 17.18566	19 12 47.62	+06 45 54.6	17.0 T	H72
C/2003 H3	2003 07 17.98819	19 12 09.02	+06 54 34.9		2 204
C/2003 H3	2003 07 17.98973	19 12 08.95	+06 54 35.6		2 204
C/2003 H3	2003 07 17.99127	19 12 08.89	+06 54 36.7		2 204
C/2003 H3	2003 07 17.99542	19 12 08.72	+06 54 40.0	16.3 N	204
C/2003 H3	2003 07 18.00173	19 12 08.39	+06 54 44.4	16.0 T	204

C/2003 H3	2003 07 19.04495	19 11 19.02	+07 05 47.8		A46
C/2003 H3	2003 07 19.04608	19 11 18.92	+07 05 48.5		A46
C/2003 H3	2003 07 19.04831	19 11 18.84	+07 05 49.6		A46
C/2003 H3	2003 07 19.04944	19 11 18.74	+07 05 49.6		A46
C/2003 H3	2003 07 19.05057	19 11 18.69	+07 05 50.4		A46
C/2003 H3	2003 07 19.05170	19 11 18.63	+07 05 51.3		A46
C/2003 H3	2003 07 19.90929	19 10 38.66	+07 14 45.3	16.1 N	J87
C/2003 H3	2003 07 19.91378	19 10 38.42	+07 14 47.1	15.9 N	J87
C/2003 H3	2003 07 19.92000	19 10 38.27	+07 14 50.5	16.2 N	J87
C/2003 H3	2003 07 19.92665	19 10 37.88	+07 14 56.0		170
C/2003 H3	2003 07 19.92742	19 10 37.85	+07 14 56.6		170
C/2003 H3	2003 07 19.92823	19 10 37.77	+07 14 56.4		048
C/2003 H3	2003 07 19.92934	19 10 37.74	+07 14 56.8		048
C/2003 H3	2003 07 19.93047	19 10 37.66	+07 14 57.5		048
C/2003 H3	2003 07 19.93050	19 10 37.73	+07 14 58.5		170
C/2003 H3	2003 07 19.93384	19 10 37.47	+07 14 59.6		048
C/2003 H3	2003 07 19.93495	19 10 37.43	+07 15 00.4		048
C/2003 H3	2003 07 19.97235	19 10 35.67	+07 15 23.3	16.2 T	046
C/2003 H3	2003 07 19.97907	19 10 35.35	+07 15 27.4		046
C/2003 H3	2003 07 19.98459	19 10 35.08	+07 15 30.9		046
C/2003 H3	2003 07 20.01531	19 10 33.65	+07 15 49.2	15.3 T	A32
C/2003 H3	2003 07 20.01825	19 10 33.50	+07 15 51.0	15.4 T	A32
C/2003 H3	2003 07 20.02120	19 10 33.36	+07 15 52.4	15.2 T	A32
C/2003 H3	2003 07 20.02414	19 10 33.21	+07 15 54.6	15.3 T	A32
C/2003 H3	2003 07 20.02709	19 10 33.08	+07 15 56.3	15.4 T	A32
C/2003 H3	2003 07 20.03388	19 10 32.74	+07 16 00.9		A46
C/2003 H3	2003 07 20.03501	19 10 32.67	+07 16 00.6		A46
C/2003 H3	2003 07 20.03613	19 10 32.58	+07 16 01.9		A46
C/2003 H3	2003 07 20.03727	19 10 32.57	+07 16 02.6		A46
C/2003 H3	2003 07 20.03804	19 10 32.66	+07 16 03.1	15.9 T	232
C/2003 H3	2003 07 20.04183	19 10 32.39	+07 16 05.8		A46
C/2003 H3	2003 07 20.04296	19 10 32.28	+07 16 06.4		A46
C/2003 H3	2003 07 20.04583	19 10 32.17	+07 16 08.7	15.9 T	232
C/2003 H3	2003 07 20.05368	19 10 31.85	+07 16 14.2	15.9 T	232
C/2003 H3	2003 07 20.16068	19 10 27.03	+07 17 20.1	16.0 T	H72
C/2003 H3	2003 07 20.16259	19 10 26.91	+07 17 21.2	15.9 T	H72
C/2003 H3	2003 07 20.16465	19 10 26.86	+07 17 22.9	15.8 T	H72
C/2003 H3	2003 07 21.02784	19 09 46.85	+07 26 01.0		A46
C/2003 H3	2003 07 21.02897	19 09 46.84	+07 26 01.9		A46
C/2003 H3	2003 07 21.03235	19 09 46.54	+07 26 03.8		A46
C/2003 H3	2003 07 21.03461	19 09 46.48	+07 26 04.5		A46
C/2003 H3	2003 07 21.03573	19 09 46.38	+07 26 05.3		A46
C/2003 H3	2003 07 21.03686	19 09 46.25	+07 26 06.5		A46
C/2003 H3	2003 07 21.58619	19 09 21.28	+07 31 31.4	15.9 N	379
C/2003 H3	2003 07 21.58867	19 09 21.11	+07 31 33.4	15.9 N	379
C/2003 H3	2003 07 21.59069	19 09 21.06	+07 31 34.9	15.8 N	379
C/2003 H3	2003 07 21.61755	19 09 19.76	+07 31 50.2	16.6 T	900
C/2003 H3	2003 07 21.63740	19 09 18.87	+07 32 01.8	16.9 T	900
C/2003 H3	2003 07 21.66782	19 09 17.46	+07 32 19.3	15.3 T	349
C/2003 H3	2003 07 21.66988	19 09 17.40	+07 32 20.0		349
C/2003 H3	2003 07 21.92763	19 09 05.81	+07 34 51.1	16.4 N	J87
C/2003 H3	2003 07 21.93120	19 09 05.61	+07 34 53.2	16.5 N	J87
C/2003 H3	2003 07 21.93441	19 09 05.47	+07 34 54.8	16.5 N	J87

C/2003 H3	2003 07 22.98762	19 08 17.92	+07 44 57.0	15.0 N	A32
C/2003 H3	2003 07 22.99056	19 08 17.76	+07 44 58.7	15.0 N	A32
C/2003 H3	2003 07 22.99203	19 08 17.68	+07 44 59.8	14.9 N	A32
C/2003 H3	2003 07 22.99351	19 08 17.62	+07 45 00.8	14.9 N	A32
C/2003 H3	2003 07 22.99498	19 08 17.55	+07 45 02.1	15.0 N	A32
C/2003 H3	2003 07 24.15926	19 07 25.95	+07 55 47.7		762
C/2003 H3	2003 07 24.20174	19 07 24.07	+07 56 11.0	16.7 T	762
C/2003 H3	2003 07 24.55197	19 07 08.75	+07 59 19.7	15.5 N	379
C/2003 H3	2003 07 24.55373	19 07 08.70	+07 59 21.1	15.7 N	379
C/2003 H3	2003 07 24.55541	19 07 08.61	+07 59 22.1	15.7 N	379
C/2003 H3	2003 07 26.57122	19 05 42.00	+08 16 55.9	16.3 N	379
C/2003 H3	2003 07 26.57395	19 05 41.85	+08 16 58.4	15.9 N	379
C/2003 H3	2003 07 26.57634	19 05 41.81	+08 16 59.5	16.0 N	379
C/2003 H3	2003 07 26.58021	19 05 41.61	+08 17 00.1	15.8 N	379
C/2003 H3	2003 07 26.59354	19 05 41.10	+08 17 07.5	16.7 T	900
C/2003 H3	2003 07 26.61339	19 05 40.18	+08 17 17.4	16.6 T	900
C/2003 H3	2003 07 26.97998	19 05 24.81	+08 20 21.2	15.9 T	232
C/2003 H3	2003 07 26.99030	19 05 24.36	+08 20 26.9	15.9 T	232
C/2003 H3	2003 07 26.99545	19 05 24.17	+08 20 29.7	16.0 T	232
C/2003 H3	2003 07 27.00464	19 05 23.76	+08 20 33.7	17.2 N	130
C/2003 H3	2003 07 27.00772	19 05 23.63	+08 20 35.3	17.4 N	130
C/2003 H3	2003 07 27.01081	19 05 23.49	+08 20 36.8	17.4 N	130
C/2003 H3	2003 07 27.01389	19 05 23.37	+08 20 38.3	17.4 N	130
C/2003 H3	2003 07 27.04034	19 05 22.21	+08 20 50.6		A46
C/2003 H3	2003 07 27.04147	19 05 22.17	+08 20 51.4		A46
C/2003 H3	2003 07 27.04372	19 05 22.01	+08 20 52.7		A46
C/2003 H3	2003 07 27.04485	19 05 21.96	+08 20 53.1		A46
C/2003 H3	2003 07 27.04597	19 05 21.94	+08 20 53.7		A46
C/2003 H3	2003 07 27.04711	19 05 21.90	+08 20 54.2		A46
C/2003 H3	2003 07 27.92638	19 04 45.68	+08 28 07.5	16.0 N	213
C/2003 H3	2003 07 27.92843	19 04 45.57	+08 28 08.9	16.0 N	213
C/2003 H3	2003 07 29.22076	19 03 53.34	+08 38 22.2	16.7 T	704
C/2003 H3	2003 07 29.23098	19 03 52.96	+08 38 28.1	17.5 T	704
C/2003 H3	2003 07 29.24120	19 03 52.43	+08 38 32.7	17.2 T	704
C/2003 H3	2003 07 29.25145	19 03 52.03	+08 38 37.4	17.3 T	704
C/2003 H3	2003 07 29.26172	19 03 51.55	+08 38 43.3	17.5 T	704
C/2003 H3	2003 07 29.93622	19 03 24.90	+08 43 49.6	15.9 T	A32
C/2003 H3	2003 07 29.93770	19 03 24.85	+08 43 50.1	15.9 T	A32
C/2003 H3	2003 07 29.93917	19 03 24.79	+08 43 50.7	15.7 T	A32
C/2003 H3	2003 07 29.94065	19 03 24.75	+08 43 51.3	15.8 T	A32
C/2003 H3	2003 07 29.94212	19 03 24.68	+08 43 52.1	15.7 T	A32
C/2003 H3	2003 07 29.99810	19 03 22.59	+08 44 18.8	15.4 T	A02
C/2003 H3	2003 07 30.00262	19 03 22.27	+08 44 21.3	15.4 T	A02
C/2003 H3	2003 07 30.00713	19 03 21.98	+08 44 23.7	15.4 T	A02
C/2003 H3	2003 07 30.29988	19 03 10.68	+08 46 35.4	16.2 T	785
C/2003 H3	2003 07 30.34896	19 03 08.53	+08 46 56.8	16.4 T	785
C/2003 H3	2003 07 31.03094	19 02 42.51	+08 51 57.2	15.4 T	A02
C/2003 H3	2003 07 31.03319	19 02 42.47	+08 51 58.7	15.3 T	A02
C/2003 H3	2003 07 31.03771	19 02 42.41	+08 52 01.3	15.4 T	A02
C/2003 H3	2003 07 31.94567	19 02 07.96	+08 58 30.3		A32
C/2003 H3	2003 07 31.94605	19 02 07.95	+08 58 30.8	16.9 N	636
C/2003 H3	2003 07 31.94719	19 02 07.91	+08 58 31.6	17.0 N	636
C/2003 H3	2003 07 31.94862	19 02 07.86	+08 58 31.4		A32

C/2003 H3	2003 07 31.95054	19 02 07.76	+08 58 32.9	17.0 N	636
C/2003 H3	2003 07 31.95306	19 02 07.67	+08 58 34.0	15.7 T	A32
C/2003 H3	2003 07 31.95896	19 02 07.43	+08 58 36.4		A32
C/2003 H3	2003 08 01.01163	19 02 05.57	+08 58 58.9	15.4 T	A02
C/2003 H3	2003 08 01.01840	19 02 05.26	+08 59 01.7	15.4 T	A02
C/2003 H3	2003 08 01.02066	19 02 05.15	+08 59 02.5	15.4 T	A02
C/2003 H3	2003 08 01.98362	19 01 29.65	+09 05 42.0	15.7 N	A18
C/2003 H3	2003 08 01.99711	19 01 29.25	+09 05 46.5	15.7 N	445
C/2003 H3	2003 08 02.00116	19 01 29.01	+09 05 47.4	15.7 N	445
C/2003 H3	2003 08 02.52497	19 01 10.33	+09 09 21.1	16.8 N	379
C/2003 H3	2003 08 02.53066	19 01 10.03	+09 09 23.8	16.5 N	379
C/2003 H3	2003 08 02.53412	19 01 09.96	+09 09 24.5	17.2 N	379
C/2003 H3	2003 08 02.56950	19 01 08.64	+09 09 38.0	15.4 T	349
C/2003 H3	2003 08 02.57229	19 01 08.53	+09 09 39.1		349
C/2003 H3	2003 08 02.57516	19 01 08.45	+09 09 40.3		349
C/2003 H3	2003 08 02.65924	19 01 05.33	+09 10 13.8	15.3 T	360
C/2003 H3	2003 08 02.66160	19 01 05.25	+09 10 14.4		360
C/2003 H3	2003 08 02.98955	19 00 53.76	+09 12 23.3		A46
C/2003 H3	2003 08 02.99181	19 00 53.60	+09 12 24.0		A46
C/2003 H3	2003 08 02.99519	19 00 53.50	+09 12 26.5		A46
C/2003 H3	2003 08 02.99631	19 00 53.46	+09 12 25.8		A46
C/2003 H3	2003 08 02.99744	19 00 53.39	+09 12 27.1		A46
C/2003 H3	2003 08 02.99858	19 00 53.34	+09 12 27.2		A46
C/2003 H3	2003 08 03.00433	19 00 53.09	+09 12 30.8	15.8 T	232
C/2003 H3	2003 08 03.01471	19 00 52.79	+09 12 34.8	15.8 T	232
C/2003 H3	2003 08 03.01729	19 00 52.72	+09 12 35.8	15.8 T	232
C/2003 H3	2003 08 03.91727	19 00 21.48	+09 18 22.2	16.0 N	213
C/2003 H3	2003 08 03.91993	19 00 21.38	+09 18 23.3	16.0 N	213
C/2003 H3	2003 08 03.92065	19 00 21.39	+09 18 21.8		048
C/2003 H3	2003 08 03.92215	19 00 21.34	+09 18 22.1		048
C/2003 H3	2003 08 03.92304	19 00 21.33	+09 18 24.3	16.0 N	213
C/2003 H3	2003 08 03.92505	19 00 21.28	+09 18 23.7		048
C/2003 H3	2003 08 03.92795	19 00 21.17	+09 18 25.3		048
C/2003 H3	2003 08 03.93086	19 00 21.05	+09 18 27.1		048
C/2003 H3	2003 08 04.90795	18 59 47.99	+09 24 30.5		048
C/2003 H3	2003 08 04.91087	18 59 47.93	+09 24 31.5		048
C/2003 H3	2003 08 04.91234	18 59 47.89	+09 24 32.2		048
C/2003 H3	2003 08 04.91380	18 59 47.85	+09 24 32.4		048
C/2003 H3	2003 08 04.91675	18 59 47.76	+09 24 32.6		048

P/2003 H4 (LINEAR)

P/2003 H4	2003 05 08.71146	16 06 58.84	-15 16 14.8	18.7 T	372
P/2003 H4	2003 05 09.68646	16 06 54.32	-14 51 03.1	18.9 T	372
P/2003 H4	2003 06 07.33450	16 01 38.47	-03 37 37.2	17.2 T	H41
P/2003 H4	2003 06 08.28955	16 01 33.58	-03 20 44.2	17.6 T	H41
P/2003 H4	2003 06 08.29740	16 01 33.51	-03 20 35.0	17.6 T	H41
P/2003 H4	2003 06 08.48500	16 01 33.20	-03 17 06.9	17.7 N	E14
P/2003 H4	2003 06 08.52116	16 01 32.93	-03 16 29.5	18.0 N	E14
P/2003 H4	2003 06 08.55735	16 01 32.61	-03 15 52.1	17.9 N	E14
P/2003 H4	2003 06 09.25073	16 01 29.80	-03 04 16.4	16.3 T	H41
P/2003 H4	2003 06 16.91574	16 01 40.39	-01 11 31.5		118
P/2003 H4	2003 06 16.91866	16 01 40.36	-01 11 29.1		118
P/2003 H4	2003 06 16.92186	16 01 40.38	-01 11 26.3		118

P/2003 H4	2003 06 16.92495	16 01 40.42	-01 11 24.4	18.1 N	118
P/2003 H4	2003 06 20.91196	16 02 17.82	-00 25 43.7	17.7 T	215
P/2003 H4	2003 06 20.91266	16 02 17.86	-00 25 42.3	17.7 T	215
P/2003 H4	2003 06 20.91328	16 02 17.85	-00 25 43.5	17.4 T	215
P/2003 H4	2003 06 21.93510	16 02 31.18	-00 15 23.4	17.6 T	213
P/2003 H4	2003 06 21.93894	16 02 31.19	-00 15 21.8	17.6 T	213
P/2003 H4	2003 06 21.94708	16 02 31.20	-00 15 17.7	17.7 T	213
P/2003 H4	2003 06 21.97667	16 02 31.58	-00 15 00.2	17.1 T	A02
P/2003 H4	2003 06 21.98569	16 02 31.72	-00 14 55.5	17.2 T	A02
P/2003 H4	2003 06 21.98795	16 02 31.77	-00 14 53.1	17.3 T	A02
P/2003 H4	2003 06 22.27161	16 02 35.14	-00 12 03.3	17.3 T	H41
P/2003 H4	2003 06 22.27866	16 02 35.20	-00 12 03.4	17.4 T	H41
P/2003 H4	2003 06 23.15583	16 02 49.24	-00 03 46.8	18.8 N	H41
P/2003 H4	2003 06 24.14995	16 03 05.65	+00 05 04.0	17.8 T	H41
P/2003 H4	2003 06 24.27875	16 03 07.38	+00 06 09.3	17.9 T	H41
P/2003 H4	2003 06 25.16213	16 03 23.75	+00 13 31.8	18.0 T	H41
P/2003 H4	2003 06 25.26529	16 03 25.33	+00 14 22.8	18.1 T	H41
P/2003 H4	2003 06 26.54715	16 03 51.13	+00 24 18.6	18.2 T	360
P/2003 H4	2003 06 26.54981	16 03 51.18	+00 24 19.8		360
P/2003 H4	2003 06 27.22824	16 04 05.58	+00 29 12.0	18.4 T	H41
P/2003 H4	2003 06 27.23895	16 04 05.74	+00 29 20.0	18.3 T	H41
P/2003 H4	2003 06 27.94425	16 04 21.60	+00 34 08.8	18.5 N	3 118
P/2003 H4	2003 06 27.94803	16 04 21.74	+00 34 10.7		3 118
P/2003 H4	2003 06 27.95010	16 04 21.85	+00 34 11.4		3 118
P/2003 H4	2003 06 27.95424	16 04 21.82	+00 34 13.8		3 118
P/2003 H4	2003 06 29.22200	16 04 52.62	+00 42 23.6	18.6 T	704
P/2003 H4	2003 06 29.23193	16 04 52.90	+00 42 27.5	19.4 T	704
P/2003 H4	2003 06 29.24186	16 04 52.99	+00 42 30.9	19.6 T	704
P/2003 H4	2003 06 29.25180	16 04 53.27	+00 42 35.2	19.7 T	704
P/2003 H4	2003 06 29.26175	16 04 53.49	+00 42 38.6	19.5 T	704
P/2003 H4	2003 06 29.43893	16 04 57.81	+00 43 44.8	19.9 T	608
P/2003 H4	2003 06 29.44971	16 04 58.03	+00 43 48.4	20.3 T	608
P/2003 H4	2003 06 29.46017	16 04 58.25	+00 43 52.8	20.0 T	608
P/2003 H4	2003 07 07.50266	16 09 14.64	+01 17 37.5	18.4 T	360
P/2003 H4	2003 07 07.50725	16 09 14.80	+01 17 38.0		360
P/2003 H4	2003 07 18.92740	16 18 04.81	+01 24 03.6	18.1 N	442
P/2003 H4	2003 07 18.93141	16 18 05.18	+01 24 12.7	18.2 N	442
P/2003 H4	2003 07 23.18606	16 22 07.59	+01 16 23.8	19.2 T	644
P/2003 H4	2003 07 23.20720	16 22 08.78	+01 16 20.9	18.8 T	644
P/2003 H4	2003 07 23.22841	16 22 10.01	+01 16 18.3	19.2 T	644
P/2003 H4	2003 07 30.19552	16 29 36.49	+00 55 21.5	19.3 T	644
P/2003 H4	2003 07 30.21640	16 29 37.89	+00 55 16.8	19.7 T	644
P/2003 H4	2003 07 30.23725	16 29 39.26	+00 55 11.9	19.3 T	644
P/2003 H4	2003 07 31.50672	16 31 06.93	+00 50 23.5	19.4 T	360
P/2003 H4	2003 07 31.51171	16 31 07.23	+00 50 22.3		360
P/2003 H4	2003 07 31.51705	16 31 07.57	+00 50 20.5		360
P/2003 H4	2003 08 02.86952	16 33 54.49	+00 40 46.0		1 118
P/2003 H4	2003 08 02.89569	16 33 56.53	+00 40 39.9		1 118

C/2003 H5 (SOHO)

C/2003 H5	2003 04 27.26812	02 22 35.2	+14 49 08		249
Geocentric position (AU)	+0.01038371	+0.00402119	+0.00093857		

C/2003 H5	2003 04 27.28479	02 22 27.8	+14 54 38		249
Geocentric position (AU)	+0.01038319	+0.00402210	+0.00093926		
C/2003 H5	2003 04 27.31057	02 22 15.2	+15 02 07		249
Geocentric position (AU)	+0.01038239	+0.00402349	+0.00094033		
C/2003 H5	2003 04 27.32645	02 22 06.6	+15 06 36		249
Geocentric position (AU)	+0.01038190	+0.00402435	+0.00094098		
C/2003 H5	2003 04 27.33756	02 22 00.5	+15 09 19		249
Geocentric position (AU)	+0.01038155	+0.00402495	+0.00094145		
C/2003 H5	2003 04 27.35146	02 21 53.0	+15 13 28		249
Geocentric position (AU)	+0.01038112	+0.00402571	+0.00094202		
C/2003 H5	2003 04 27.36812	02 21 42.9	+15 17 53		249
Geocentric position (AU)	+0.01038060	+0.00402661	+0.00094271		
C/2003 H5	2003 04 27.37923	02 21 36.8	+15 20 41		249
Geocentric position (AU)	+0.01038025	+0.00402721	+0.00094318		
C/2003 H5	2003 04 27.39312	02 21 28.0	+15 24 10		249
Geocentric position (AU)	+0.01037981	+0.00402797	+0.00094375		
C/2003 H5	2003 04 27.40979	02 21 17.4	+15 28 14		249
Geocentric position (AU)	+0.01037929	+0.00402887	+0.00094445		
C/2003 H5	2003 04 27.43483	02 21 01.3	+15 34 01		249
Geocentric position (AU)	+0.01037850	+0.00403023	+0.00094549		
C/2003 H5	2003 04 27.45146	02 20 50.6	+15 37 38		249
Geocentric position (AU)	+0.01037797	+0.00403114	+0.00094618		
C/2003 H5	2003 04 27.46257	02 20 42.6	+15 39 56		249
Geocentric position (AU)	+0.01037762	+0.00403174	+0.00094665		
C/2003 H5	2003 04 27.47645	02 20 32.5	+15 42 43		249
Geocentric position (AU)	+0.01037718	+0.00403250	+0.00094722		
C/2003 H5	2003 04 27.49312	02 20 20.0	+15 45 53		249
Geocentric position (AU)	+0.01037665	+0.00403341	+0.00094792		
C/2003 H5	2003 04 27.50425	02 20 12.0	+15 48 07		249
Geocentric position (AU)	+0.01037630	+0.00403401	+0.00094838		

C/2003 H6 (SOHO)

C/2003 H6	2003 04 30.20147	02 24 15.7	+14 23 09		249
Geocentric position (AU)	+0.01027672	+0.00418567	+0.00106624		
C/2003 H6	2003 04 30.21256	02 24 11.0	+14 24 32		249
Geocentric position (AU)	+0.01027625	+0.00418631	+0.00106675		
C/2003 H6	2003 04 30.22645	02 24 05.1	+14 26 09		249
Geocentric position (AU)	+0.01027567	+0.00418711	+0.00106738		
C/2003 H6	2003 04 30.24313	02 23 55.0	+14 28 13		249
Geocentric position (AU)	+0.01027496	+0.00418807	+0.00106814		
C/2003 H6	2003 04 30.25423	02 23 53.0	+14 29 09		249
Geocentric position (AU)	+0.01027449	+0.00418872	+0.00106864		
C/2003 H6	2003 04 30.26812	02 23 46.2	+14 30 57		249
Geocentric position (AU)	+0.01027390	+0.00418952	+0.00106928		
C/2003 H6	2003 04 30.28478	02 23 39.6	+14 32 38		249
Geocentric position (AU)	+0.01027320	+0.00419048	+0.00107004		
C/2003 H6	2003 04 30.32645	02 23 25.8	+14 37 27		249
Geocentric position (AU)	+0.01027143	+0.00419289	+0.00107194		
C/2003 H6	2003 04 30.33757	02 23 22.2	+14 38 38		249
Geocentric position (AU)	+0.01027095	+0.00419353	+0.00107244		
C/2003 H6	2003 04 30.35145	02 23 20.8	+14 39 52		249
Geocentric position (AU)	+0.01027036	+0.00419433	+0.00107308		

C/2003 H6 2003 04 30.36812 02 23 15.8 +14 42 22 249
 Geocentric position (AU) +0.01026965 +0.00419530 +0.00107384

C/2003 H7 (SOHO)

C/2003 H7 2003 04 30.12923 02 24 48.5 +14 15 52 249
 Geocentric position (AU) +0.01027975 +0.00418150 +0.00106296
 C/2003 H7 2003 04 30.14313 02 24 41.7 +14 17 03 249
 Geocentric position (AU) +0.01027917 +0.00418230 +0.00106359
 C/2003 H7 2003 04 30.15980 02 24 32.0 +14 19 14 249
 Geocentric position (AU) +0.01027847 +0.00418327 +0.00106435
 C/2003 H7 2003 04 30.17090 02 24 26.8 +14 20 35 249
 Geocentric position (AU) +0.01027800 +0.00418391 +0.00106485
 C/2003 H7 2003 04 30.18478 02 24 21.4 +14 21 34 249
 Geocentric position (AU) +0.01027742 +0.00418471 +0.00106549
 C/2003 H7 2003 04 30.20147 02 24 12.6 +14 23 31 249
 Geocentric position (AU) +0.01027672 +0.00418567 +0.00106624
 C/2003 H7 2003 04 30.21256 02 24 08.6 +14 24 56 249
 Geocentric position (AU) +0.01027625 +0.00418631 +0.00106675
 C/2003 H7 2003 04 30.22645 02 24 01.9 +14 26 31 249
 Geocentric position (AU) +0.01027567 +0.00418711 +0.00106738
 C/2003 H7 2003 04 30.24313 02 23 52.6 +14 28 39 249
 Geocentric position (AU) +0.01027496 +0.00418807 +0.00106814
 C/2003 H7 2003 04 30.25423 02 23 50.0 +14 29 36 249
 Geocentric position (AU) +0.01027449 +0.00418872 +0.00106864
 C/2003 H7 2003 04 30.26812 02 23 43.7 +14 31 16 249
 Geocentric position (AU) +0.01027390 +0.00418952 +0.00106928
 C/2003 H7 2003 04 30.28478 02 23 37.3 +14 32 59 249
 Geocentric position (AU) +0.01027320 +0.00419048 +0.00107004
 C/2003 H7 2003 04 30.32645 02 23 24.1 +14 37 48 249
 Geocentric position (AU) +0.01027143 +0.00419289 +0.00107194
 C/2003 H7 2003 04 30.33757 02 23 20.0 +14 39 03 249
 Geocentric position (AU) +0.01027095 +0.00419353 +0.00107244
 C/2003 H7 2003 04 30.35145 02 23 19.0 +14 40 16 249
 Geocentric position (AU) +0.01027036 +0.00419433 +0.00107308
 C/2003 H7 2003 04 30.36812 02 23 14.5 +14 42 45 249
 Geocentric position (AU) +0.01026965 +0.00419530 +0.00107384
 C/2003 H7 2003 04 30.37923 02 23 11.9 +14 43 55 249
 Geocentric position (AU) +0.01026917 +0.00419594 +0.00107434
 C/2003 H7 2003 04 30.39312 02 23 11.6 +14 45 10 249
 Geocentric position (AU) +0.01026858 +0.00419675 +0.00107498
 C/2003 H7 2003 04 30.40978 02 23 10.7 +14 47 28 249
 Geocentric position (AU) +0.01026787 +0.00419771 +0.00107574
 C/2003 H7 2003 04 30.42090 02 23 10.2 +14 48 50 249
 Geocentric position (AU) +0.01026739 +0.00419835 +0.00107625
 C/2003 H7 2003 04 30.43478 02 23 10.2 +14 50 18 249
 Geocentric position (AU) +0.01026679 +0.00419916 +0.00107688
 C/2003 H7 2003 04 30.45147 02 23 11.9 +14 52 10 249
 Geocentric position (AU) +0.01026607 +0.00420012 +0.00107765
 C/2003 H7 2003 04 30.46258 02 23 13.0 +14 53 27 249
 Geocentric position (AU) +0.01026560 +0.00420077 +0.00107815
 C/2003 H7 2003 04 30.47647 02 23 15.7 +14 54 53 249
 Geocentric position (AU) +0.01026500 +0.00420157 +0.00107879

C/2003 H7 2003 04 30.49312 02 23 19.9 +14 56 54 249
 Geocentric position (AU) +0.01026428 +0.00420254 +0.00107955
 C/2003 H7 2003 04 30.50423 02 23 24.0 +14 57 59 249
 Geocentric position (AU) +0.01026380 +0.00420318 +0.00108006
 C/2003 H7 2003 04 30.51812 02 23 29.8 +14 59 40 249
 Geocentric position (AU) +0.01026320 +0.00420399 +0.00108070
 C/2003 H7 2003 04 30.53478 02 23 37.0 +15 01 21 249
 Geocentric position (AU) +0.01026247 +0.00420495 +0.00108146

P/2003 HT₁₅ (LINEAR)

P/2003 HT₁₅ 2003 01 27.48007 14 32 57.50 +17 16 35.5 19.8 N 704
 P/2003 HT₁₅ 2003 01 27.49453 14 32 58.33 +17 16 33.9 19.8 N 704
 P/2003 HT₁₅ 2003 01 27.50906 14 32 59.19 +17 16 37.4 20.2 N 704
 P/2003 HT₁₅ 2003 01 27.52353 14 33 00.00 +17 16 37.3 20.1 N 704
 P/2003 HT₁₅ 2003 02 08.64675 14 44 05.73 +17 47 09.5 20.2 N 608
 P/2003 HT₁₅ 2003 02 08.65747 14 44 06.23 +17 47 11.2 20.9 N 608
 P/2003 HT₁₅ 2003 02 08.66812 14 44 06.70 +17 47 12.4 21.1 N 608
 P/2003 HT₁₅ 2003 04 24.26114 14 36 00.19 +21 08 29.4 18.3 N 704
 P/2003 HT₁₅ 2003 04 24.27391 14 35 59.48 +21 08 27.0 18.9 N 704
 P/2003 HT₁₅ 2003 04 24.29034 14 35 58.61 +21 08 22.3 18.8 N 704
 P/2003 HT₁₅ 2003 04 24.30265 14 35 57.93 +21 08 21.3 18.7 N 704
 P/2003 HT₁₅ 2003 04 24.31561 14 35 57.19 +21 08 17.8 19.0 N 704
 P/2003 HT₁₅ 2003 04 26.26123 14 34 17.41 +21 00 35.0 18.3 N 704
 P/2003 HT₁₅ 2003 04 26.27323 14 34 16.69 +21 00 31.8 18.9 N 704
 P/2003 HT₁₅ 2003 04 26.28519 14 34 16.11 +21 00 28.5 18.7 N 704
 P/2003 HT₁₅ 2003 04 26.29707 14 34 15.40 +21 00 24.9 18.8 N 704
 P/2003 HT₁₅ 2003 04 26.30895 14 34 14.78 +21 00 22.0 19.2 N 704
 P/2003 HT₁₅ 2003 04 27.25428 14 33 26.07 +20 56 11.0 18.8 N 704
 P/2003 HT₁₅ 2003 04 27.26665 14 33 25.51 +20 56 07.9 18.2 N 704
 P/2003 HT₁₅ 2003 04 27.27871 14 33 24.74 +20 56 04.7 19.0 N 704
 P/2003 HT₁₅ 2003 04 27.29094 14 33 24.16 +20 56 01.0 18.6 N 704
 P/2003 HT₁₅ 2003 04 27.30318 14 33 23.53 +20 55 58.1 18.9 N 704
 P/2003 HT₁₅ 2003 04 28.26433 14 32 33.88 +20 51 23.0 18.6 N 704
 P/2003 HT₁₅ 2003 04 28.27631 14 32 33.22 +20 51 20.3 18.5 N 704
 P/2003 HT₁₅ 2003 04 28.28833 14 32 32.59 +20 51 16.2 19.2 N 704
 P/2003 HT₁₅ 2003 04 28.30032 14 32 31.94 +20 51 12.6 19.0 N 704
 P/2003 HT₁₅ 2003 04 28.31230 14 32 31.26 +20 51 08.1 18.5 N 704
 P/2003 HT₁₅ 2003 04 29.25954 14 31 42.43 +20 46 21.2 18.4 N 704
 P/2003 HT₁₅ 2003 04 29.27140 14 31 41.81 +20 46 17.6 18.9 N 704
 P/2003 HT₁₅ 2003 04 29.28317 14 31 41.15 +20 46 14.3 19.0 N 704
 P/2003 HT₁₅ 2003 04 29.29507 14 31 40.53 +20 46 10.0 18.9 N 704
 P/2003 HT₁₅ 2003 04 29.30691 14 31 39.85 +20 46 06.1 18.8 N 704
 P/2003 HT₁₅ 2003 06 01.89457 14 08 45.25 +15 11 32.7 17.9 N A35
 P/2003 HT₁₅ 2003 06 01.91168 14 08 44.87 +15 11 19.5 17.8 N A35
 P/2003 HT₁₅ 2003 06 27.95960 14 06 38.37 +08 37 31.9 19.0 N J95
 P/2003 HT₁₅ 2003 06 27.96779 14 06 38.27 +08 37 24.6 18.8 N J95
 P/2003 HT₁₅ 2003 07 02.16510 14 07 42.48 +07 30 28.8 18.8 T H41
 P/2003 HT₁₅ 2003 07 02.16748 14 07 42.33 +07 30 25.9 18.8 T H41
 P/2003 HT₁₅ 2003 07 04.20940 14 08 21.53 +06 57 51.5 19.4 T H41
 P/2003 HT₁₅ 2003 07 04.21199 14 08 21.48 +06 57 49.9 19.3 T H41

C/2003 J1 (NEAT)

C/2003 J1 2003 06 05.74881 20 56 05.53 -18 28 49.4 17.6 T 360
 C/2003 J1 2003 06 05.75436 20 56 05.43 -18 28 52.6 360

2003 AUG. 6

M.P.C. 49255

C/2003 J1	2003 06 05.75876	20 56 05.34	-18 28 54.9		360
C/2003 J1	2003 06 22.06792	20 47 56.50	-21 24 05.7	17.4 T	204
C/2003 J1	2003 06 22.07340	20 47 56.29	-21 24 09.3		204
C/2003 J1	2003 07 26.62285	20 19 05.75	-28 23 45.2	17.0 T	900
C/2003 J1	2003 07 26.63609	20 19 04.96	-28 23 56.0	17.4 T	900
C/2003 J1	2003 07 29.61794	20 16 08.98	-28 59 07.1	17.6 N	428
C/2003 J1	2003 07 29.63890	20 16 07.69	-28 59 21.8	17.3 N	428

C/2003 K1 (Spacewatch)

C/2003 K1	2003 06 19.92250	15 03 19.09	+04 03 56.1	19.8 N	620
C/2003 K1	2003 06 19.94556	15 03 16.65	+04 04 14.8	19.6 N	620
C/2003 K1	2003 06 20.54880	15 02 13.58	+04 12 25.1	19.8 T	360
C/2003 K1	2003 06 20.55280	15 02 13.20	+04 12 28.0		360

P/2003 K2 (Christensen)

P/2003 K2	2003 06 01.48507	08 58 23.77	+26 39 47.4	16 T	372
P/2003 K2	2003 06 02.47569	09 03 49.39	+26 19 50.6		372
P/2003 K2	2003 06 02.48368	09 03 52.00	+26 19 39.8	16 T	372
P/2003 K2	2003 06 08.85330	09 35 59.09	+24 03 42.3		046
P/2003 K2	2003 06 08.85512	09 35 59.46	+24 03 38.5		046
P/2003 K2	2003 06 08.85573	09 35 59.78	+24 03 38.3		046
P/2003 K2	2003 06 10.85463	09 45 09.08	+23 19 22.0	17.5 N	620
P/2003 K2	2003 06 10.85908	09 45 10.28	+23 19 16.8	18.0 N	620
P/2003 K2	2003 06 10.86348	09 45 11.53	+23 19 10.0	17.5 N	620
P/2003 K2	2003 06 10.88274	09 45 16.78	+23 18 43.7	17 T	204
P/2003 K2	2003 06 10.88427	09 45 17.46	+23 18 36.0	17.5 N	204
P/2003 K2	2003 06 15.85919	10 06 22.22	+21 27 44.2	18.1 N	620
P/2003 K2	2003 06 15.86280	10 06 23.40	+21 27 37.3		3 118
P/2003 K2	2003 06 15.87301	10 06 25.45	+21 27 26.1	18.0 N	3 118
P/2003 K2	2003 06 16.85300	10 10 18.97	+21 05 37.6		3 118
P/2003 K2	2003 06 16.86352	10 10 21.34	+21 05 22.6		3 118
P/2003 K2	2003 06 16.86557	10 10 21.81	+21 05 20.5	17.9 N	3 118
P/2003 K2	2003 06 17.84965	10 14 11.35	+20 43 28.9	17.6 N	620
P/2003 K2	2003 06 17.85569	10 14 12.75	+20 43 19.7	17.8 N	620
P/2003 K2	2003 06 17.86089	10 14 14.02	+20 43 14.2	17.9 N	620
P/2003 K2	2003 06 18.85614	10 18 01.26	+20 21 12.2	18.3 N	620
P/2003 K2	2003 06 19.12207	10 19 01.10	+20 15 22.8	17.8 T	H41
P/2003 K2	2003 06 19.12727	10 19 02.16	+20 15 14.7	17.8 T	H41
P/2003 K2	2003 06 19.12951	10 19 02.87	+20 15 12.9	17.8 T	H41
P/2003 K2	2003 06 20.47707	10 24 01.77	+19 45 32.4	16.5 T	360
P/2003 K2	2003 06 20.48082	10 24 02.62	+19 45 26.6		360
P/2003 K2	2003 06 20.48432	10 24 03.32	+19 45 22.2		360
P/2003 K2	2003 06 20.87942	10 25 29.57	+19 36 40.2		3 118
P/2003 K2	2003 06 20.88087	10 25 29.86	+19 36 39.4		3 118
P/2003 K2	2003 06 20.88990	10 25 31.72	+19 36 29.7	16.5 T	215
P/2003 K2	2003 06 22.11069	10 29 53.20	+19 09 52.2	17.3 N	H41
P/2003 K2	2003 06 22.11796	10 29 54.61	+19 09 43.2	17.3 N	H41
P/2003 K2	2003 06 22.12006	10 29 55.22	+19 09 39.5	17.1 N	H41
P/2003 K2	2003 06 23.10895	10 33 22.61	+18 48 10.2	17.2 T	H41
P/2003 K2	2003 06 23.11112	10 33 23.13	+18 48 10.0	17.1 T	H41
P/2003 K2	2003 06 23.12102	10 33 25.16	+18 47 55.9	17.2 T	H41
P/2003 K2	2003 06 24.11066	10 36 48.61	+18 26 38.9	17.6 T	H41
P/2003 K2	2003 06 24.11956	10 36 50.57	+18 26 26.6	17.5 T	H41
P/2003 K2	2003 06 24.12192	10 36 50.94	+18 26 22.9	17.5 T	H41

P/2003 K2	2003 06 25.11287	10 40 10.93	+18 05 12.1	17.8 T	H41
P/2003 K2	2003 06 25.12895	10 40 13.85	+18 04 48.2	17.8 T	H41
P/2003 K2	2003 06 28.11639	10 49 54.87	+17 01 45.0	17.7 T	H41
P/2003 K2	2003 06 28.12909	10 49 57.21	+17 01 29.5	17.5 T	H41
P/2003 K2	2003 06 28.13128	10 49 57.76	+17 01 27.8	17.5 T	H41
P/2003 K2	2003 06 29.12130	10 53 03.27	+16 40 49.1	17.9 T	H41
P/2003 K2	2003 06 29.12693	10 53 04.34	+16 40 42.4	18.0 T	H41
P/2003 K2	2003 06 29.12922	10 53 04.78	+16 40 41.1	17.9 T	H41

P/2003 KV₂ (LINEAR)

P/2003 KV ₂	2003 06 08.13030	11 11 24.55	+25 47 45.2	17.3 T	H41
P/2003 KV ₂	2003 06 08.13259	11 11 24.70	+25 47 39.0	17.3 T	H41
P/2003 KV ₂	2003 06 10.89078	11 15 21.86	+23 24 10.9	17.4 N	620
P/2003 KV ₂	2003 06 10.89737	11 15 22.40	+23 23 49.9	17.9 N	620
P/2003 KV ₂	2003 06 10.90391	11 15 22.93	+23 23 29.2	17.8 N	620
P/2003 KV ₂	2003 06 13.17638	11 18 46.23	+21 21 03.1	17.4 T	699
P/2003 KV ₂	2003 06 13.19079	11 18 47.56	+21 20 16.7		699
P/2003 KV ₂	2003 06 13.20513	11 18 48.85	+21 19 28.5		699
P/2003 KV ₂	2003 06 13.21952	11 18 49.99	+21 18 40.3		699
P/2003 KV ₂	2003 06 16.87388	11 24 30.74	+17 53 37.6		118
P/2003 KV ₂	2003 06 16.87610	11 24 30.89	+17 53 28.7		118
P/2003 KV ₂	2003 06 16.88179	11 24 31.38	+17 53 08.8	17.7 N	118
P/2003 KV ₂	2003 06 19.14338	11 28 10.43	+15 41 23.3	17.1 T	H41
P/2003 KV ₂	2003 06 19.14645	11 28 10.75	+15 41 11.2	17.1 T	H41
P/2003 KV ₂	2003 06 19.88657	11 29 23.68	+14 57 11.9	16.9 N	213
P/2003 KV ₂	2003 06 19.88924	11 29 23.95	+14 57 01.2	16.9 N	213
P/2003 KV ₂	2003 06 19.89454	11 29 24.66	+14 56 40.4	17.0 N	213
P/2003 KV ₂	2003 06 20.51453	11 30 25.95	+14 19 39.3	17.2 T	360
P/2003 KV ₂	2003 06 20.51683	11 30 26.15	+14 19 30.9		360
P/2003 KV ₂	2003 06 20.51880	11 30 26.34	+14 19 23.8		360
P/2003 KV ₂	2003 06 20.86956	11 31 01.67	+13 58 13.5		587
P/2003 KV ₂	2003 06 20.87187	11 31 01.83	+13 58 04.2		587
P/2003 KV ₂	2003 06 20.87368	11 31 01.99	+13 57 59.1		587
P/2003 KV ₂	2003 06 20.87549	11 31 02.24	+13 57 51.2		587
P/2003 KV ₂	2003 06 20.89498	11 31 04.17	+13 56 40.9	17.5 T	215
P/2003 KV ₂	2003 06 22.15648	11 33 11.45	+12 40 02.9	17.0 T	H41
P/2003 KV ₂	2003 06 22.16206	11 33 12.28	+12 39 42.5	17.2 T	H41
P/2003 KV ₂	2003 06 22.17694	11 33 13.61	+12 38 47.0	17.2 T	H41
P/2003 KV ₂	2003 06 23.12361	11 34 50.32	+11 40 29.3	17.4 T	H41
P/2003 KV ₂	2003 06 23.12605	11 34 50.66	+11 40 20.1	17.4 T	H41
P/2003 KV ₂	2003 06 24.13499	11 36 35.19	+10 37 30.7	17.5 T	H41
P/2003 KV ₂	2003 06 24.17238	11 36 39.15	+10 35 08.6	17.4 T	699
P/2003 KV ₂	2003 06 24.17958	11 36 39.97	+10 34 41.2		699
P/2003 KV ₂	2003 06 24.18677	11 36 40.67	+10 34 14.5		699
P/2003 KV ₂	2003 06 24.19400	11 36 41.43	+10 33 46.9		699
P/2003 KV ₂	2003 06 25.12021	11 38 18.48	+09 35 30.1	18.0 N	H41
P/2003 KV ₂	2003 06 25.12435	11 38 18.80	+09 35 15.1	18.1 N	H41
P/2003 KV ₂	2003 06 28.13873	11 43 41.70	+06 21 43.3	17.9 T	H41
P/2003 KV ₂	2003 06 28.14075	11 43 41.98	+06 21 35.8	17.8 T	H41
P/2003 KV ₂	2003 06 29.13168	11 45 30.74	+05 16 43.3	17.5 T	H41
P/2003 KV ₂	2003 06 29.13684	11 45 31.22	+05 16 23.7	17.6 T	H41
P/2003 KV ₂	2003 06 30.14421	11 47 23.02	+04 09 52.5	17.3 T	H41
P/2003 KV ₂	2003 06 30.14649	11 47 23.32	+04 09 43.3	17.3 T	H41

P/2003 KV ₂	2003 07 02.12985	11 51 07.36	+01 57 09.5		H41
P/2003 KV ₂	2003 07 02.13413	11 51 08.06	+01 56 55.0	17.3 T	H41
P/2003 KV ₂	2003 07 02.13641	11 51 08.07	+01 56 46.4	17.3 T	H41
P/2003 KV ₂	2003 07 14.12021	12 15 44.96	-11 56 36.9	18.1 N	H41
P/2003 KV ₂	2003 07 14.12237	12 15 45.25	-11 56 45.7	17.8 N	H41
P/2003 KV ₂	2003 08 02.37473	13 06 44.81	-34 00 49.5	17.8 N	E14
P/2003 KV ₂	2003 08 02.38184	13 06 46.04	-34 01 15.4	17.7 N	E14
P/2003 KV ₂	2003 08 02.38893	13 06 47.44	-34 01 42.5	17.7 N	E14

C/2003 K4 (LINEAR)

C/2003 K4	2003 05 31.04381	21 14 22.66	+29 11 30.6	17.4 T	204
C/2003 K4	2003 05 31.98666	21 13 59.97	+29 17 25.4	16.6 T	A50
C/2003 K4	2003 05 31.98809	21 13 59.96	+29 17 25.4		A50
C/2003 K4	2003 05 31.98951	21 13 59.86	+29 17 28.9		A50
C/2003 K4	2003 05 31.99154	21 13 59.80	+29 17 30.2		A50
C/2003 K4	2003 05 31.99733	21 13 59.70	+29 17 32.0		A50
C/2003 K4	2003 06 01.68507	21 13 42.74	+29 21 53.3	17 T	372
C/2003 K4	2003 06 01.70000	21 13 42.36	+29 21 58.4		372
C/2003 K4	2003 06 05.67465	21 11 55.65	+29 46 38.5	16.5 T	372
C/2003 K4	2003 06 07.68681	21 10 56.22	+29 58 49.3	16.7 T	372
C/2003 K4	2003 06 08.40182	21 10 33.64	+30 03 04.8	16.5 T	H41
C/2003 K4	2003 06 09.35334	21 10 03.80	+30 08 44.4	16.5 T	H41
C/2003 K4	2003 06 09.35696	21 10 03.68	+30 08 45.7	16.4 T	H41
C/2003 K4	2003 06 09.96530	21 09 43.98	+30 12 19.2		A46
C/2003 K4	2003 06 09.96644	21 09 43.93	+30 12 19.9		A46
C/2003 K4	2003 06 09.96757	21 09 43.92	+30 12 19.6		A46
C/2003 K4	2003 06 09.96869	21 09 43.88	+30 12 20.8		A46
C/2003 K4	2003 06 09.96983	21 09 43.85	+30 12 21.3		A46
C/2003 K4	2003 06 09.97095	21 09 43.78	+30 12 21.2		A46
C/2003 K4	2003 06 09.97208	21 09 43.73	+30 12 21.7		A46
C/2003 K4	2003 06 09.97322	21 09 43.72	+30 12 21.9		A46
C/2003 K4	2003 06 09.97435	21 09 43.69	+30 12 22.0		A46
C/2003 K4	2003 06 09.97547	21 09 43.65	+30 12 22.5		A46
C/2003 K4	2003 06 09.97660	21 09 43.61	+30 12 23.5		A46
C/2003 K4	2003 06 09.97773	21 09 43.57	+30 12 24.0		A46
C/2003 K4	2003 06 09.97887	21 09 43.52	+30 12 24.0		A46
C/2003 K4	2003 06 09.97999	21 09 43.51	+30 12 25.0		A46
C/2003 K4	2003 06 09.98112	21 09 43.47	+30 12 24.7		A46
C/2003 K4	2003 06 10.32866	21 09 32.08	+30 14 27.5	17.3 T	704
C/2003 K4	2003 06 10.33902	21 09 31.75	+30 14 31.3	17.6 T	704
C/2003 K4	2003 06 10.34943	21 09 31.41	+30 14 35.4	17.9 T	704
C/2003 K4	2003 06 10.36991	21 09 30.70	+30 14 42.7	17.8 T	704
C/2003 K4	2003 06 11.03928	21 09 08.34	+30 18 35.4	16.8 N	620
C/2003 K4	2003 06 11.04260	21 09 08.25	+30 18 36.7	16.7 N	620
C/2003 K4	2003 06 11.04590	21 09 08.13	+30 18 37.8	16.7 N	620
C/2003 K4	2003 06 11.04922	21 09 08.03	+30 18 39.0	16.6 N	620
C/2003 K4	2003 06 11.37860	21 08 56.86	+30 20 33.7	17.7 T	704
C/2003 K4	2003 06 11.39965	21 08 56.17	+30 20 41.4	17.4 T	704
C/2003 K4	2003 06 11.40998	21 08 55.78	+30 20 45.4	17.6 T	704
C/2003 K4	2003 06 11.97394	21 08 36.48	+30 23 58.8		A46
C/2003 K4	2003 06 11.97507	21 08 36.44	+30 23 58.9		A46
C/2003 K4	2003 06 11.97620	21 08 36.39	+30 23 59.0		A46
C/2003 K4	2003 06 11.97958	21 08 36.32	+30 24 00.2		A46

C/2003 K4	2003 06 11.98072	21 08 36.21	+30 24 00.7		A46
C/2003 K4	2003 06 11.98186	21 08 36.26	+30 24 00.9		A46
C/2003 K4	2003 06 11.98299	21 08 36.14	+30 24 00.5		A46
C/2003 K4	2003 06 11.98414	21 08 36.10	+30 24 01.6		A46
C/2003 K4	2003 06 11.98527	21 08 36.07	+30 24 02.2		A46
C/2003 K4	2003 06 11.98640	21 08 36.01	+30 24 01.8		A46
C/2003 K4	2003 06 11.98866	21 08 35.95	+30 24 03.0		A46
C/2003 K4	2003 06 11.98979	21 08 35.94	+30 24 03.0		A46
C/2003 K4	2003 06 11.99093	21 08 35.92	+30 24 03.7		A46
C/2003 K4	2003 06 11.99205	21 08 35.83	+30 24 04.7		A46
C/2003 K4	2003 06 11.99863	21 08 35.66	+30 24 06.6		A46
C/2003 K4	2003 06 12.00012	21 08 35.55	+30 24 07.4		A46
C/2003 K4	2003 06 12.00160	21 08 35.58	+30 24 08.0		A46
C/2003 K4	2003 06 12.00308	21 08 35.46	+30 24 07.5		A46
C/2003 K4	2003 06 12.01476	21 08 35.06	+30 24 12.2		A46
C/2003 K4	2003 06 12.37771	21 08 22.47	+30 26 16.8	17.0 T	704
C/2003 K4	2003 06 12.38833	21 08 22.14	+30 26 20.9	17.8 T	704
C/2003 K4	2003 06 12.39912	21 08 21.73	+30 26 24.9	18.6 T	704
C/2003 K4	2003 06 12.40973	21 08 21.34	+30 26 28.3	17.7 T	704
C/2003 K4	2003 06 12.42069	21 08 20.94	+30 26 32.0	17.4 T	704
C/2003 K4	2003 06 16.29464	21 05 58.36	+30 48 02.5	17.2 N	785
C/2003 K4	2003 06 16.30970	21 05 57.82	+30 48 08.6	17.2 N	785
C/2003 K4	2003 06 16.32829	21 05 57.02	+30 48 15.4	17.1 N	785
C/2003 K4	2003 06 17.27815	21 05 19.89	+30 53 20.0	17.0 T	785
C/2003 K4	2003 06 17.29263	21 05 19.26	+30 53 24.5	17.0 T	785
C/2003 K4	2003 06 17.30209	21 05 18.99	+30 53 26.8	16.8 T	785
C/2003 K4	2003 06 17.94995	21 04 53.14	+30 56 51.9		A46
C/2003 K4	2003 06 17.95109	21 04 53.09	+30 56 52.6		A46
C/2003 K4	2003 06 17.95222	21 04 53.02	+30 56 53.6		A46
C/2003 K4	2003 06 17.95334	21 04 52.95	+30 56 53.7		A46
C/2003 K4	2003 06 17.95448	21 04 52.91	+30 56 54.0		A46
C/2003 K4	2003 06 17.96027	21 04 52.71	+30 56 55.2		A46
C/2003 K4	2003 06 20.28275	21 03 16.78	+31 08 55.6	16.9 T	854
C/2003 K4	2003 06 20.29173	21 03 16.38	+31 08 57.9	17.1 T	854
C/2003 K4	2003 06 20.29953	21 03 16.06	+31 09 00.3	17.1 T	854
C/2003 K4	2003 06 20.30671	21 03 15.72	+31 09 02.7	17.1 T	854
C/2003 K4	2003 06 20.65362	21 03 01.01	+31 10 46.1	16.5 T	349
C/2003 K4	2003 06 20.65876	21 03 00.76	+31 10 48.6		349
C/2003 K4	2003 06 20.66265	21 03 00.56	+31 10 50.3		349
C/2003 K4	2003 06 20.66625	21 03 00.44	+31 10 51.8		349
C/2003 K4	2003 06 20.66984	21 03 00.25	+31 10 51.9		349
C/2003 K4	2003 06 20.93840	21 02 48.73	+31 12 13.2		A46
C/2003 K4	2003 06 20.93953	21 02 48.65	+31 12 14.0		A46
C/2003 K4	2003 06 20.94179	21 02 48.59	+31 12 14.4		A46
C/2003 K4	2003 06 20.94293	21 02 48.54	+31 12 14.4		A46
C/2003 K4	2003 06 20.94406	21 02 48.56	+31 12 14.2		A46
C/2003 K4	2003 06 20.94520	21 02 48.53	+31 12 14.8		A46
C/2003 K4	2003 06 21.95029	21 02 04.66	+31 17 12.5		A46
C/2003 K4	2003 06 21.95142	21 02 04.65	+31 17 12.9		A46
C/2003 K4	2003 06 21.95256	21 02 04.59	+31 17 12.9		A46
C/2003 K4	2003 06 21.95707	21 02 04.42	+31 17 13.5		A46
C/2003 K4	2003 06 21.95934	21 02 04.26	+31 17 14.6		A46
C/2003 K4	2003 06 21.96046	21 02 04.22	+31 17 15.0		A46

2003 AUG. 6

M.P.C. 49257

C/2003 K4	2003 06 21.97185	21 02 03.73	+31 17 19.3	16.6 T	215
C/2003 K4	2003 06 21.97267	21 02 03.69	+31 17 19.2	16.7 T	215
C/2003 K4	2003 06 21.97316	21 02 03.67	+31 17 19.4	16.6 T	215
C/2003 K4	2003 06 22.00135	21 02 02.43	+31 17 27.7	17.0 T	213
C/2003 K4	2003 06 22.00637	21 02 02.20	+31 17 29.0	17.0 T	213
C/2003 K4	2003 06 22.04961	21 02 00.39	+31 17 40.7	16.2 N	J97
C/2003 K4	2003 06 22.05500	21 02 00.11	+31 17 43.5	16.2 N	J97
C/2003 K4	2003 06 22.06068	21 01 59.87	+31 17 46.0	16.2 N	J97
C/2003 K4	2003 06 22.30331	21 01 49.05	+31 18 56.3	16.5 T	H41
C/2003 K4	2003 06 22.30648	21 01 48.93	+31 18 57.3	16.6 T	H41
C/2003 K4	2003 06 22.33824	21 01 47.55	+31 19 07.2	17.2 T	704
C/2003 K4	2003 06 22.34875	21 01 47.05	+31 19 09.3	17.4 T	704
C/2003 K4	2003 06 22.35874	21 01 46.59	+31 19 11.9	17.4 T	704
C/2003 K4	2003 06 22.36875	21 01 46.14	+31 19 15.0	17.4 T	704
C/2003 K4	2003 06 22.37881	21 01 45.68	+31 19 18.2	17.4 T	704
C/2003 K4	2003 06 23.34944	21 01 02.21	+31 23 58.1	17.3 T	H41
C/2003 K4	2003 06 23.35377	21 01 02.04	+31 23 58.5	17.2 T	H41
C/2003 K4	2003 06 23.94412	21 00 35.05	+31 26 45.8		204
C/2003 K4	2003 06 23.96420	21 00 34.04	+31 26 50.1		204
C/2003 K4	2003 06 23.96809	21 00 33.85	+31 26 51.0	16.8 T	204
C/2003 K4	2003 06 24.21922	21 00 22.46	+31 28 03.2	17.2 T	785
C/2003 K4	2003 06 24.23821	21 00 21.47	+31 28 07.9	17.0 T	785
C/2003 K4	2003 06 24.37718	21 00 15.03	+31 28 47.3	17.3 T	H41
C/2003 K4	2003 06 24.38192	21 00 14.85	+31 28 49.3	17.3 T	H41
C/2003 K4	2003 06 24.91778	20 59 50.00	+31 31 14.8		A46
C/2003 K4	2003 06 24.91891	20 59 49.90	+31 31 14.9		A46
C/2003 K4	2003 06 24.92003	20 59 49.83	+31 31 15.6		A46
C/2003 K4	2003 06 24.92117	20 59 49.82	+31 31 15.7		A46
C/2003 K4	2003 06 24.92343	20 59 49.70	+31 31 16.3		A46
C/2003 K4	2003 06 24.92456	20 59 49.60	+31 31 16.9		A46
C/2003 K4	2003 06 24.92682	20 59 49.53	+31 31 17.7		A46
C/2003 K4	2003 06 24.97573	20 59 47.20	+31 31 31.6		127
C/2003 K4	2003 06 24.98244	20 59 46.90	+31 31 33.5		127
C/2003 K4	2003 06 24.98829	20 59 46.60	+31 31 35.0		127
C/2003 K4	2003 06 25.35803	20 59 29.28	+31 33 15.9	17.0 T	H41
C/2003 K4	2003 06 27.31936	20 57 54.84	+31 41 55.6	16.8 T	H41
C/2003 K4	2003 06 27.32269	20 57 54.72	+31 41 56.2	16.9 T	H41
C/2003 K4	2003 06 27.92479	20 57 25.12	+31 44 28.8	16.7 N	J87
C/2003 K4	2003 06 27.92734	20 57 24.98	+31 44 30.3	16.6 N	J87
C/2003 K4	2003 06 27.93007	20 57 24.78	+31 44 31.1	16.7 N	J87
C/2003 K4	2003 06 28.32635	20 57 05.00	+31 46 11.2	16.7 T	H41
C/2003 K4	2003 06 29.02675	20 56 29.75	+31 49 04.1	16.3 N	213
C/2003 K4	2003 06 29.03062	20 56 29.57	+31 49 04.5	16.3 N	213
C/2003 K4	2003 06 29.03495	20 56 29.35	+31 49 05.3	16.3 N	213
C/2003 K4	2003 06 29.31537	20 56 15.13	+31 50 16.5	16.8 T	H41
C/2003 K4	2003 06 29.32178	20 56 14.80	+31 50 17.5	16.8 T	H41
C/2003 K4	2003 06 29.93127	20 55 43.73	+31 52 43.1		A46
C/2003 K4	2003 06 29.93241	20 55 43.65	+31 52 43.4		A46
C/2003 K4	2003 06 29.93354	20 55 43.63	+31 52 43.4		A46
C/2003 K4	2003 06 29.93468	20 55 43.52	+31 52 43.5		A46
C/2003 K4	2003 06 29.93581	20 55 43.53	+31 52 43.7		A46
C/2003 K4	2003 06 29.93694	20 55 43.41	+31 52 44.0		A46
C/2003 K4	2003 06 30.08345	20 55 35.85	+31 53 20.2	15.8 N	212

C/2003 K4	2003 06 30.08721	20 55 35.66	+31 53 20.8	15.9 N	212
C/2003 K4	2003 06 30.09132	20 55 35.43	+31 53 21.6	15.9 N	212
C/2003 K4	2003 07 02.26575	20 53 41.22	+32 01 38.3	16.5 T	785
C/2003 K4	2003 07 02.29307	20 53 39.72	+32 01 44.0	16.4 T	785
C/2003 K4	2003 07 02.97324	20 53 03.32	+32 04 11.5		A46
C/2003 K4	2003 07 02.97438	20 53 03.28	+32 04 11.7		A46
C/2003 K4	2003 07 02.97552	20 53 03.23	+32 04 12.2		A46
C/2003 K4	2003 07 02.97666	20 53 03.15	+32 04 12.1		A46
C/2003 K4	2003 07 02.97779	20 53 03.01	+32 04 12.6		A46
C/2003 K4	2003 07 02.97892	20 53 02.93	+32 04 12.1		A46
C/2003 K4	2003 07 03.02674	20 53 00.34	+32 04 22.6		048
C/2003 K4	2003 07 03.02899	20 53 00.20	+32 04 23.2		048
C/2003 K4	2003 07 03.03051	20 53 00.10	+32 04 23.2		048
C/2003 K4	2003 07 03.03126	20 53 00.06	+32 04 23.5		048
C/2003 K4	2003 07 03.03431	20 52 59.90	+32 04 24.3		048
C/2003 K4	2003 07 03.30499	20 52 45.31	+32 05 22.1	16.6 N	H41
C/2003 K4	2003 07 03.31164	20 52 44.84	+32 05 23.4	16.7 N	H41
C/2003 K4	2003 07 03.31762	20 52 44.58	+32 05 24.9	16.0 T	H41
C/2003 K4	2003 07 04.30921	20 51 50.16	+32 08 50.1	16.7 T	H41
C/2003 K4	2003 07 04.31392	20 51 49.92	+32 08 50.7	16.8 T	H41
C/2003 K4	2003 07 05.33796	20 50 52.92	+32 12 13.2	16.4 T	H41
C/2003 K4	2003 07 05.34355	20 50 52.59	+32 12 14.6	16.5 T	H41
C/2003 K4	2003 07 05.34647	20 50 52.42	+32 12 15.0	16.4 T	H41
C/2003 K4	2003 07 06.02882	20 50 13.94	+32 14 23.9	16 N	2 461
C/2003 K4	2003 07 06.03101	20 50 13.79	+32 14 24.4		2 461
C/2003 K4	2003 07 06.03397	20 50 13.65	+32 14 24.9		2 461
C/2003 K4	2003 07 06.03479	20 50 13.65	+32 14 26.6	16.3 T	458
C/2003 K4	2003 07 06.04124	20 50 13.37	+32 14 27.2	16.3 T	458
C/2003 K4	2003 07 06.04696	20 50 12.91	+32 14 28.2	16.4 T	458
C/2003 K4	2003 07 06.33815	20 49 56.39	+32 15 23.3	16.6 T	H41
C/2003 K4	2003 07 06.34472	20 49 56.01	+32 15 23.7	16.5 T	H41
C/2003 K4	2003 07 07.33039	20 48 59.33	+32 18 21.2	18.6 T	704
C/2003 K4	2003 07 07.34031	20 48 58.96	+32 18 23.8	18.0 T	704
C/2003 K4	2003 07 07.35039	20 48 58.33	+32 18 26.8	18.4 T	704
C/2003 K4	2003 07 07.36023	20 48 57.68	+32 18 27.6	17.9 T	704
C/2003 K4	2003 07 07.93816	20 48 24.37	+32 20 05.2		A46
C/2003 K4	2003 07 07.93928	20 48 24.32	+32 20 05.6		A46
C/2003 K4	2003 07 07.94041	20 48 24.23	+32 20 05.6		A46
C/2003 K4	2003 07 07.94154	20 48 24.19	+32 20 05.7		A46
C/2003 K4	2003 07 07.94269	20 48 24.13	+32 20 05.9		A46
C/2003 K4	2003 07 07.94382	20 48 24.07	+32 20 06.1		A46
C/2003 K4	2003 07 07.95141	20 48 23.58	+32 20 06.6		127
C/2003 K4	2003 07 07.95632	20 48 23.30	+32 20 07.3		127
C/2003 K4	2003 07 07.96524	20 48 22.79	+32 20 08.8		127
C/2003 K4	2003 07 08.00497	20 48 20.52	+32 20 16.1		048
C/2003 K4	2003 07 08.00608	20 48 20.46	+32 20 16.3		048
C/2003 K4	2003 07 08.01056	20 48 20.14	+32 20 16.7		048
C/2003 K4	2003 07 08.01167	20 48 20.10	+32 20 16.8		048
C/2003 K4	2003 07 08.01388	20 48 19.91	+32 20 17.2		048
C/2003 K4	2003 07 08.26576	20 48 05.15	+32 21 00.4	16.7 T	785
C/2003 K4	2003 07 08.31036	20 48 02.48	+32 21 08.3	16.5 T	785
C/2003 K4	2003 07 08.88377	20 47 28.97	+32 22 41.3		108
C/2003 K4	2003 07 08.88831	20 47 28.76	+32 22 42.1		108

C/2003 K4	2003 07 08.89519	20 47 28.31	+32 22 42.5	14.6 T	108	C/2003 K4	2003 07 15.01148	20 41 13.75	+32 36 03.4	16.2 N	636
C/2003 K4	2003 07 08.93709	20 47 25.85	+32 22 49.2		A46	C/2003 K4	2003 07 15.01543	20 41 13.51	+32 36 03.9	16.0 N	636
C/2003 K4	2003 07 08.93822	20 47 25.78	+32 22 50.1		A46	C/2003 K4	2003 07 15.01936	20 41 13.26	+32 36 04.0	15.9 N	636
C/2003 K4	2003 07 08.93935	20 47 25.68	+32 22 50.9		A46	C/2003 K4	2003 07 15.02331	20 41 13.01	+32 36 04.7	16.0 N	636
C/2003 K4	2003 07 08.94161	20 47 25.57	+32 22 51.2		A46	C/2003 K4	2003 07 15.04991	20 41 11.34	+32 36 06.7	15.5 T	A32
C/2003 K4	2003 07 08.94274	20 47 25.49	+32 22 51.0		A46	C/2003 K4	2003 07 15.05332	20 41 11.17	+32 36 07.0	15.5 T	A32
C/2003 K4	2003 07 08.94387	20 47 25.46	+32 22 51.5		A46	C/2003 K4	2003 07 15.06019	20 41 10.61	+32 36 07.5	15.6 T	A32
C/2003 K4	2003 07 09.31049	20 47 03.72	+32 23 50.0	16.5 T	H41	C/2003 K4	2003 07 15.06249	20 41 10.49	+32 36 07.7	15.8 T	A32
C/2003 K4	2003 07 09.31505	20 47 03.38	+32 23 50.9	16.5 T	H41	C/2003 K4	2003 07 15.20976	20 41 01.13	+32 36 23.2	16.0 T	H44
C/2003 K4	2003 07 09.91480	20 46 27.77	+32 25 22.6		947	C/2003 K4	2003 07 15.29478	20 40 55.75	+32 36 32.1	16.2 T	H41
C/2003 K4	2003 07 09.92098	20 46 27.41	+32 25 23.8		947	C/2003 K4	2003 07 15.29980	20 40 55.45	+32 36 32.2	16.3 T	H41
C/2003 K4	2003 07 09.96494	20 46 24.71	+32 25 29.3		127	C/2003 K4	2003 07 15.91513	20 40 16.39	+32 37 29.9		A46
C/2003 K4	2003 07 09.97156	20 46 24.31	+32 25 30.6		127	C/2003 K4	2003 07 15.91737	20 40 16.12	+32 37 28.6		A46
C/2003 K4	2003 07 09.98610	20 46 23.44	+32 25 32.8		127	C/2003 K4	2003 07 15.91852	20 40 16.06	+32 37 29.2		A46
C/2003 K4	2003 07 09.99119	20 46 23.13	+32 25 33.9		127	C/2003 K4	2003 07 15.91964	20 40 16.00	+32 37 29.5		A46
C/2003 K4	2003 07 10.90586	20 45 28.18	+32 27 47.2	16.6 N	213	C/2003 K4	2003 07 15.92304	20 40 15.73	+32 37 29.8		A46
C/2003 K4	2003 07 10.91005	20 45 27.93	+32 27 47.8	16.6 N	213	C/2003 K4	2003 07 15.92529	20 40 15.57	+32 37 29.8		A46
C/2003 K4	2003 07 10.93747	20 45 26.29	+32 27 51.7	16.1 T	J97	C/2003 K4	2003 07 16.00811	20 40 10.21	+32 37 37.0		048
C/2003 K4	2003 07 10.95461	20 45 25.25	+32 27 53.3		A46	C/2003 K4	2003 07 16.01032	20 40 10.03	+32 37 36.9		048
C/2003 K4	2003 07 10.95573	20 45 25.20	+32 27 54.3		A46	C/2003 K4	2003 07 16.01144	20 40 09.99	+32 37 37.0		048
C/2003 K4	2003 07 10.95685	20 45 25.17	+32 27 54.1		A46	C/2003 K4	2003 07 16.01367	20 40 09.83	+32 37 37.4		048
C/2003 K4	2003 07 10.95800	20 45 25.08	+32 27 54.2		A46	C/2003 K4	2003 07 16.01479	20 40 09.72	+32 37 37.2		048
C/2003 K4	2003 07 10.95913	20 45 25.03	+32 27 53.8		A46	C/2003 K4	2003 07 16.05012	20 40 07.52	+32 37 41.7		118
C/2003 K4	2003 07 10.95920	20 45 25.00	+32 27 55.5	16.1 T	J97	C/2003 K4	2003 07 16.05265	20 40 07.37	+32 37 41.8		118
C/2003 K4	2003 07 10.96027	20 45 24.97	+32 27 54.2		A46	C/2003 K4	2003 07 16.05639	20 40 07.11	+32 37 42.3		118
C/2003 K4	2003 07 11.04937	20 45 19.47	+32 28 08.0	16.5 T	A32	C/2003 K4	2003 07 16.06051	20 40 06.86	+32 37 42.4	16.3 N	118
C/2003 K4	2003 07 11.05620	20 45 19.06	+32 28 08.2	16.5 T	A32	C/2003 K4	2003 07 16.21701	20 39 56.92	+32 37 55.9	15.8 T	H41
C/2003 K4	2003 07 11.05883	20 45 18.82	+32 28 09.9	16.5 T	A32	C/2003 K4	2003 07 16.22220	20 39 56.57	+32 37 56.2	15.8 T	H41
C/2003 K4	2003 07 11.06112	20 45 18.72	+32 28 09.8	16.7 T	A32	C/2003 K4	2003 07 16.22848	20 39 56.13	+32 37 57.1	15.7 T	H41
C/2003 K4	2003 07 11.22693	20 45 08.77	+32 28 32.9	16.8 T	H41	C/2003 K4	2003 07 17.18890	20 38 54.31	+32 39 15.9	16.7 T	H72
C/2003 K4	2003 07 11.23253	20 45 08.35	+32 28 34.0	17.0 T	H41	C/2003 K4	2003 07 17.19179	20 38 54.08	+32 39 16.1	16.8 T	H72
C/2003 K4	2003 07 11.23698	20 45 08.15	+32 28 34.1	16.9 T	H41	C/2003 K4	2003 07 17.19469	20 38 53.91	+32 39 15.7	16.5 T	H72
C/2003 K4	2003 07 11.99462	20 44 21.92	+32 30 15.7	16.4 N	176	C/2003 K4	2003 07 17.19758	20 38 53.60	+32 39 16.6	16.5 T	H72
C/2003 K4	2003 07 11.99809	20 44 21.69	+32 30 16.3	16.5 N	176	C/2003 K4	2003 07 17.32034	20 38 45.65	+32 39 26.2	16.5 T	H41
C/2003 K4	2003 07 12.00110	20 44 21.49	+32 30 16.8	16.5 N	176	C/2003 K4	2003 07 17.32220	20 38 45.49	+32 39 26.1	16.4 T	H41
C/2003 K4	2003 07 12.00365	20 44 21.33	+32 30 17.2	16.5 N	176	C/2003 K4	2003 07 18.96855	20 36 57.86	+32 41 13.1		A46
C/2003 K4	2003 07 13.30565	20 43 00.98	+32 32 58.8	16.4 N	H41	C/2003 K4	2003 07 18.97079	20 36 57.72	+32 41 13.2		A46
C/2003 K4	2003 07 13.31509	20 43 00.28	+32 32 59.8	16.6 N	H41	C/2003 K4	2003 07 18.97192	20 36 57.68	+32 41 13.5		A46
C/2003 K4	2003 07 13.31766	20 43 00.12	+32 33 00.2	16.4 N	H41	C/2003 K4	2003 07 18.97418	20 36 57.47	+32 41 14.1		A46
C/2003 K4	2003 07 13.37222	20 42 56.72	+32 33 06.6	16.4 N	448	C/2003 K4	2003 07 18.97531	20 36 57.45	+32 41 13.5		A46
C/2003 K4	2003 07 13.37655	20 42 56.44	+32 33 07.3	16.5 N	448	C/2003 K4	2003 07 18.97644	20 36 57.36	+32 41 13.7		A46
C/2003 K4	2003 07 13.38104	20 42 56.17	+32 33 07.8	16.7 N	448	C/2003 K4	2003 07 18.99491	20 36 56.21	+32 41 15.5	15.6 N	442
C/2003 K4	2003 07 13.93992	20 42 21.38	+32 34 11.0		170	C/2003 K4	2003 07 19.00240	20 36 55.75	+32 41 16.0	15.6 N	442
C/2003 K4	2003 07 13.94442	20 42 21.13	+32 34 11.4		170	C/2003 K4	2003 07 19.09144	20 36 49.78	+32 41 20.4	16.2 T	232
C/2003 K4	2003 07 13.94668	20 42 21.02	+32 34 11.3		170	C/2003 K4	2003 07 19.09660	20 36 49.44	+32 41 20.7	16.2 T	232
C/2003 K4	2003 07 14.31083	20 41 58.07	+32 34 51.6	16.6 T	H41	C/2003 K4	2003 07 19.10432	20 36 48.86	+32 41 21.0	16.2 T	232
C/2003 K4	2003 07 14.31714	20 41 57.59	+32 34 51.9	16.6 T	H41	C/2003 K4	2003 07 19.89684	20 35 56.55	+32 42 02.1	16.8 N	130
C/2003 K4	2003 07 14.90758	20 41 20.43	+32 35 52.0		A46	C/2003 K4	2003 07 19.90050	20 35 56.33	+32 42 02.2	17.2 N	130
C/2003 K4	2003 07 14.90872	20 41 20.34	+32 35 52.6		A46	C/2003 K4	2003 07 19.90416	20 35 56.12	+32 42 02.4	17.1 N	130
C/2003 K4	2003 07 14.90985	20 41 20.31	+32 35 52.6		A46	C/2003 K4	2003 07 19.90782	20 35 55.87	+32 42 02.5	16.9 N	130
C/2003 K4	2003 07 14.91098	20 41 20.20	+32 35 52.5		A46	C/2003 K4	2003 07 19.91095	20 35 55.65	+32 42 02.6	16.3 N	J87
C/2003 K4	2003 07 14.91211	20 41 20.16	+32 35 53.3		A46	C/2003 K4	2003 07 19.91589	20 35 55.30	+32 42 02.8	17.1 N	130
C/2003 K4	2003 07 14.91324	20 41 20.05	+32 35 53.4		A46	C/2003 K4	2003 07 19.91601	20 35 55.29	+32 42 02.7	16.2 N	J87

2003 AUG. 6

M.P.C. 49259

C/2003 K4	2003 07 19.91955	20 35 55.02	+32 42 03.1	17.1 N	130
C/2003 K4	2003 07 19.92316	20 35 54.86	+32 42 03.0	16.5 N	J87
C/2003 K4	2003 07 19.93064	20 35 54.27	+32 42 03.5	16.2 N	J87
C/2003 K4	2003 07 19.94733	20 35 53.20	+32 42 04.5		A46
C/2003 K4	2003 07 19.94845	20 35 53.07	+32 42 04.4		A46
C/2003 K4	2003 07 19.95184	20 35 52.87	+32 42 04.3		A46
C/2003 K4	2003 07 19.95296	20 35 52.79	+32 42 04.5		A46
C/2003 K4	2003 07 19.95412	20 35 52.74	+32 42 04.5		A46
C/2003 K4	2003 07 19.95524	20 35 52.63	+32 42 04.4		A46
C/2003 K4	2003 07 19.96513	20 35 52.01	+32 42 04.8	16.1 T	504
C/2003 K4	2003 07 19.97146	20 35 51.58	+32 42 04.8	16.4 T	504
C/2003 K4	2003 07 19.98138	20 35 50.88	+32 42 05.4	16.3 T	504
C/2003 K4	2003 07 20.07265	20 35 44.76	+32 42 10.0	16.7 N	118
C/2003 K4	2003 07 20.07685	20 35 44.48	+32 42 10.3	16.4 N	118
C/2003 K4	2003 07 20.17556	20 35 38.03	+32 42 14.4	16.2 T	H72
C/2003 K4	2003 07 20.17755	20 35 37.92	+32 42 14.9	16.2 T	H72
C/2003 K4	2003 07 20.17980	20 35 37.79	+32 42 14.7	16.2 T	H72
C/2003 K4	2003 07 20.26715	20 35 32.01	+32 42 22.0	17.2 T	704
C/2003 K4	2003 07 20.27703	20 35 31.34	+32 42 22.5	17.3 T	704
C/2003 K4	2003 07 20.28694	20 35 30.69	+32 42 22.8	17.2 T	704
C/2003 K4	2003 07 20.29684	20 35 30.02	+32 42 23.8	17.1 T	704
C/2003 K4	2003 07 20.30674	20 35 29.36	+32 42 24.1	17.4 T	704
C/2003 K4	2003 07 20.94425	20 34 46.67	+32 42 43.5		A46
C/2003 K4	2003 07 20.94538	20 34 46.58	+32 42 43.5		A46
C/2003 K4	2003 07 20.94650	20 34 46.53	+32 42 43.9		A46
C/2003 K4	2003 07 20.94763	20 34 46.45	+32 42 43.8		A46
C/2003 K4	2003 07 20.94876	20 34 46.37	+32 42 44.1		A46
C/2003 K4	2003 07 20.95215	20 34 46.15	+32 42 44.1		A46
C/2003 K4	2003 07 21.67997	20 33 57.25	+32 43 07.0	16.7 T	900
C/2003 K4	2003 07 21.68659	20 33 56.80	+32 43 07.2	16.7 T	900
C/2003 K4	2003 07 23.03953	20 32 25.11	+32 43 31.4	15.8 T	A32
C/2003 K4	2003 07 23.04066	20 32 25.05	+32 43 31.5	15.8 T	A32
C/2003 K4	2003 07 23.04178	20 32 24.98	+32 43 31.5	15.9 T	A32
C/2003 K4	2003 07 23.04292	20 32 24.96	+32 43 31.6	15.9 T	A32
C/2003 K4	2003 07 23.04404	20 32 24.89	+32 43 31.6	15.7 T	A32
C/2003 K4	2003 07 23.04527	20 32 24.77	+32 43 31.2	15.5 T	619
C/2003 K4	2003 07 23.06043	20 32 23.79	+32 43 30.7	16.2 T	619
C/2003 K4	2003 07 25.93366	20 29 06.45	+32 43 10.9		A46
C/2003 K4	2003 07 25.93477	20 29 06.37	+32 43 10.9		A46
C/2003 K4	2003 07 25.93704	20 29 06.22	+32 43 10.9		A46
C/2003 K4	2003 07 25.93817	20 29 06.12	+32 43 10.6		A46
C/2003 K4	2003 07 25.94043	20 29 06.00	+32 43 10.3		A46
C/2003 K4	2003 07 25.94270	20 29 05.83	+32 43 10.3		A46
C/2003 K4	2003 07 26.06867	20 28 57.09	+32 43 08.2	15.9 N	442
C/2003 K4	2003 07 26.07396	20 28 56.72	+32 43 07.8	15.9 N	442
C/2003 K4	2003 07 26.10653	20 28 54.29	+32 43 06.6	16.3 T	232
C/2003 K4	2003 07 26.10912	20 28 54.17	+32 43 07.3	16.4 T	232
C/2003 K4	2003 07 26.65215	20 28 16.57	+32 42 50.0	16.3 T	900
C/2003 K4	2003 07 26.66980	20 28 15.31	+32 42 50.3	16.6 T	900
C/2003 K4	2003 07 26.96412	20 27 54.86	+32 42 40.0	16.0 T	213
C/2003 K4	2003 07 26.96670	20 27 54.70	+32 42 39.6	16.0 T	213
C/2003 K4	2003 07 27.05235	20 27 48.59	+32 42 36.2		A46
C/2003 K4	2003 07 27.05347	20 27 48.54	+32 42 35.8		A46

C/2003 K4	2003 07 27.05573	20 27 48.37	+32 42 36.0		A46
C/2003 K4	2003 07 27.05799	20 27 48.23	+32 42 35.5		A46
C/2003 K4	2003 07 27.05911	20 27 48.10	+32 42 35.8		A46
C/2003 K4	2003 07 27.06023	20 27 48.02	+32 42 35.1		A46
C/2003 K4	2003 07 27.93692	20 26 46.93	+32 41 57.9	16.1 T	939
C/2003 K4	2003 07 27.94178	20 26 46.58	+32 41 57.7	16.1 T	939
C/2003 K4	2003 07 27.94670	20 26 46.21	+32 41 57.5	16.1 T	939
C/2003 K4	2003 07 28.27008	20 26 23.52	+32 41 41.9	15.7 T	H41
C/2003 K4	2003 07 28.27457	20 26 23.19	+32 41 41.7	15.6 T	H41
C/2003 K4	2003 07 28.28663	20 26 22.31	+32 41 41.3	15.6 T	H41
C/2003 K4	2003 07 30.00848	20 24 21.14	+32 39 51.3	15.8 T	A32
C/2003 K4	2003 07 30.01074	20 24 20.99	+32 39 50.8	15.9 T	A32
C/2003 K4	2003 07 30.01300	20 24 20.83	+32 39 50.7	16.1 T	A32
C/2003 K4	2003 07 30.01525	20 24 20.65	+32 39 50.4	16.0 T	A32
C/2003 K4	2003 07 31.30029	20 22 49.64	+32 38 05.8	15.7 T	H41
C/2003 K4	2003 07 31.30286	20 22 49.47	+32 38 05.7	15.7 T	H41
C/2003 K4	2003 07 31.59896	20 22 28.46	+32 37 38.8		342
C/2003 K4	2003 07 31.60590	20 22 27.98	+32 37 38.3		342
C/2003 K4	2003 07 31.95346	20 22 03.27	+32 37 04.0	16.3 N	636
C/2003 K4	2003 07 31.95458	20 22 03.18	+32 37 04.0	16.3 N	636
C/2003 K4	2003 07 31.95571	20 22 03.09	+32 37 03.9	16.3 N	636
C/2003 K4	2003 07 31.95683	20 22 03.03	+32 37 03.6	16.5 N	636
C/2003 K4	2003 07 31.95796	20 22 02.95	+32 37 03.5	16.5 N	636
C/2003 K4	2003 08 01.00701	20 21 59.46	+32 36 58.3	16.0 T	A32
C/2003 K4	2003 08 01.00997	20 21 59.25	+32 36 58.0	16.0 T	A32
C/2003 K4	2003 08 01.01292	20 21 59.03	+32 36 57.8	15.9 T	A32
C/2003 K4	2003 08 01.01587	20 21 58.82	+32 36 57.4	16.0 T	A32
C/2003 K4	2003 08 01.23675	20 21 43.11	+32 36 35.7	15.9 T	H41
C/2003 K4	2003 08 01.24356	20 21 42.64	+32 36 35.4	16.0 T	H41
C/2003 K4	2003 08 01.88611	20 20 56.95	+32 35 26.3		108
C/2003 K4	2003 08 01.88872	20 20 56.80	+32 35 27.6		108
C/2003 K4	2003 08 01.89207	20 20 56.55	+32 35 26.0		108
C/2003 K4	2003 08 01.89653	20 20 56.22	+32 35 25.4	14.5 T	108
C/2003 K4	2003 08 02.01013	20 20 48.01	+32 35 13.6	16.0 N	213
C/2003 K4	2003 08 02.01615	20 20 47.57	+32 35 13.0	16.0 N	213
C/2003 K4	2003 08 02.01788	20 20 47.49	+32 35 11.7	15.6 N	A18
C/2003 K4	2003 08 02.01913	20 20 47.38	+32 35 12.4	16.0 N	213
C/2003 K4	2003 08 02.29046	20 20 27.99	+32 34 41.1	15.8 T	H41
C/2003 K4	2003 08 02.29282	20 20 27.84	+32 34 40.5	15.8 T	H41
C/2003 K4	2003 08 02.62907	20 20 03.88	+32 34 01.6		349
C/2003 K4	2003 08 02.63278	20 20 03.63	+32 34 01.1		349
C/2003 K4	2003 08 02.63657	20 20 03.35	+32 34 00.7		349
C/2003 K4	2003 08 02.64154	20 20 02.98	+32 34 00.1	16.2 T	349
C/2003 K4	2003 08 02.66778	20 20 01.07	+32 33 57.7	16.1 T	360
C/2003 K4	2003 08 02.67012	20 20 00.90	+32 33 57.3		360
C/2003 K4	2003 08 02.95661	20 19 40.56	+32 33 22.5	15.8 T	215
C/2003 K4	2003 08 02.95700	20 19 40.53	+32 33 22.4	15.9 T	215
C/2003 K4	2003 08 02.95740	20 19 40.50	+32 33 22.5	15.9 T	215
C/2003 K4	2003 08 02.96172	20 19 40.16	+32 33 21.7		A46
C/2003 K4	2003 08 02.96285	20 19 40.04	+32 33 21.6		A46
C/2003 K4	2003 08 02.96510	20 19 39.90	+32 33 20.6		A46
C/2003 K4	2003 08 02.96736	20 19 39.76	+32 33 20.4		A46
C/2003 K4	2003 08 02.96850	20 19 39.65	+32 33 20.7		A46

C/2003 K4	2003 08 02.96964	20 19 39.55	+32 33 19.6		A46
C/2003 K4	2003 08 03.02853	20 19 35.39	+32 33 13.9	15.9 T	232
C/2003 K4	2003 08 03.03373	20 19 35.02	+32 33 13.0	15.9 T	232
C/2003 K4	2003 08 03.03890	20 19 34.63	+32 33 12.2	15.9 T	232
C/2003 K4	2003 08 03.17586	20 19 24.89	+32 32 55.2	16.1 T	H41
C/2003 K4	2003 08 03.18103	20 19 24.52	+32 32 54.5	16.0 T	H41
C/2003 K4	2003 08 03.94664	20 18 29.78	+32 31 13.8		048
C/2003 K4	2003 08 03.94809	20 18 29.63	+32 31 13.4		048
C/2003 K4	2003 08 03.94954	20 18 29.54	+32 31 13.0		048
C/2003 K4	2003 08 03.95100	20 18 29.51	+32 31 12.4		048
C/2003 K4	2003 08 03.95245	20 18 29.34	+32 31 12.3		048
C/2003 K4	2003 08 04.24023	20 18 08.71	+32 30 34.4	15.7 T	H41
C/2003 K4	2003 08 04.24677	20 18 08.23	+32 30 33.4	15.6 T	H41
C/2003 K4	2003 08 04.92257	20 17 19.85	+32 28 56.3		048
C/2003 K4	2003 08 04.92336	20 17 19.76	+32 28 55.6		048
C/2003 K4	2003 08 04.92565	20 17 19.62	+32 28 55.3		048
C/2003 K4	2003 08 04.92640	20 17 19.56	+32 28 54.8		048
C/2003 K4	2003 08 04.92718	20 17 19.49	+32 28 54.7		048

C/2003 K5 (SOHO)

C/2003 K5	2003 05 21.20145	03 53 21.4	+21 06 25		249
Geocentric position (AU)	+0.00869854	+0.00557169	+0.00220913		
C/2003 K5	2003 05 21.21257	03 53 21.8	+21 10 05		249
Geocentric position (AU)	+0.00869728	+0.00557263	+0.00220986		
C/2003 K5	2003 05 21.22647	03 53 22.4	+21 14 24		249
Geocentric position (AU)	+0.00869571	+0.00557380	+0.00221078		
C/2003 K5	2003 05 21.24313	03 53 23.4	+21 19 08		249
Geocentric position (AU)	+0.00869383	+0.00557520	+0.00221189		
C/2003 K5	2003 05 21.25423	03 53 25.1	+21 22 48		249
Geocentric position (AU)	+0.00869258	+0.00557614	+0.00221262		
C/2003 K5	2003 05 21.26813	03 53 26.0	+21 26 46		249
Geocentric position (AU)	+0.00869101	+0.00557731	+0.00221354		
C/2003 K5	2003 05 21.28480	03 53 25.6	+21 31 32		249
Geocentric position (AU)	+0.00868912	+0.00557871	+0.00221465		
C/2003 K5	2003 05 21.31057	03 53 27.4	+21 38 58		249
Geocentric position (AU)	+0.00868620	+0.00558088	+0.00221636		
C/2003 K5	2003 05 21.32645	03 53 27.5	+21 43 19		249
Geocentric position (AU)	+0.00868440	+0.00558222	+0.00221741		
C/2003 K5	2003 05 21.33756	03 53 27.2	+21 46 25		249
Geocentric position (AU)	+0.00868314	+0.00558316	+0.00221815		
C/2003 K5	2003 05 21.35147	03 53 26.8	+21 49 52		249
Geocentric position (AU)	+0.00868156	+0.00558433	+0.00221907		
C/2003 K5	2003 05 21.36812	03 53 25.3	+21 53 51		249
Geocentric position (AU)	+0.00867967	+0.00558574	+0.00222018		
C/2003 K5	2003 05 21.37923	03 53 29.0	+21 57 24		249
Geocentric position (AU)	+0.00867840	+0.00558667	+0.00222092		
C/2003 K5	2003 05 21.39313	03 53 23.7	+22 00 20		249
Geocentric position (AU)	+0.00867682	+0.00558785	+0.00222184		
C/2003 K5	2003 05 21.40979	03 53 23.8	+22 02 51		249
Geocentric position (AU)	+0.00867492	+0.00558926	+0.00222295		
C/2003 K5	2003 05 21.42090	03 53 18.0	+22 05 54		249
Geocentric position (AU)	+0.00867366	+0.00559019	+0.00222369		

C/2003 K6 (SOHO)

C/2003 K6	2003 05 30.06051	04 28 29.7	+23 10 30		249
Geocentric position (AU)	+0.00744157	+0.00634223	+0.00281717		
C/2003 K6	2003 05 30.07645	04 28 34.3	+23 14 48		249
Geocentric position (AU)	+0.00743883	+0.00634357	+0.00281825		
C/2003 K6	2003 05 30.08756	04 28 37.9	+23 17 43		249
Geocentric position (AU)	+0.00743692	+0.00634451	+0.00281901		
C/2003 K6	2003 05 30.10146	04 28 41.5	+23 21 22		249
Geocentric position (AU)	+0.00743453	+0.00634569	+0.00281995		
C/2003 K6	2003 05 30.11812	04 28 46.5	+23 25 36		249
Geocentric position (AU)	+0.00743167	+0.00634709	+0.00282109		
C/2003 K6	2003 05 30.12924	04 28 49.4	+23 28 21		249
Geocentric position (AU)	+0.00742975	+0.00634803	+0.00282184		
C/2003 K6	2003 05 30.14313	04 28 53.2	+23 31 41		249
Geocentric position (AU)	+0.00742736	+0.00634921	+0.00282279		
C/2003 K6	2003 05 30.15979	04 28 57.6	+23 35 29		249
Geocentric position (AU)	+0.00742449	+0.00635061	+0.00282392		
C/2003 K6	2003 05 30.17090	04 29 01.3	+23 37 51		249
Geocentric position (AU)	+0.00742258	+0.00635155	+0.00282467		

P/2003 L1 (Scotti)

P/2003 L1	2002 04 05.29119	12 17 38.27	-09 14 42.6	20.3 N	4 644
P/2003 L1	2002 04 05.31992	12 17 37.50	-09 14 36.4	20.8 N	4 644
P/2003 L1	2002 04 14.28704	12 13 59.76	-08 40 00.5	19.9 N	4 644
P/2003 L1	2002 04 14.35554	12 13 58.05	-08 39 44.9	19.9 N	4 644
P/2003 L1	2002 04 30.16424	12 08 51.10	-07 41 46.8	18.9 N	4 644
P/2003 L1	2002 04 30.18506	12 08 50.82	-07 41 41.1	19.8 N	4 644
P/2003 L1	2002 04 30.20590	12 08 50.36	-07 41 37.2	20.3 N	4 644
P/2003 L1	2003 04 29.45521	15 03 37.26	-17 13 06.5	20.2 N	4 608
P/2003 L1	2003 04 29.46583	15 03 36.98	-17 13 05.8	20.6 N	4 608
P/2003 L1	2003 04 29.47653	15 03 36.71	-17 13 03.4	20.8 N	4 608
P/2003 L1	2003 06 07.92312	14 46 59.50	-15 15 26.2	19.3 N	620
P/2003 L1	2003 06 08.16944	14 46 55.17	-15 14 49.6	19.5 T	673
P/2003 L1	2003 06 08.17581	14 46 55.06	-15 14 49.0	19.5 T	673
P/2003 L1	2003 06 08.18206	14 46 54.95	-15 14 48.2	19.5 T	673
P/2003 L1	2003 06 08.19779	14 46 54.61	-15 14 45.7	20.1 T	291
P/2003 L1	2003 06 08.20398	14 46 54.45	-15 14 44.7	19.9 T	291
P/2003 L1	2003 06 08.20954	14 46 54.37	-15 14 43.8	19.8 T	291
P/2003 L1	2003 06 08.21568	14 46 54.35	-15 14 43.5		926
P/2003 L1	2003 06 08.22572	14 46 54.04	-15 14 41.7		926
P/2003 L1	2003 06 08.23979	14 46 53.88	-15 14 40.0	20.2 N	926
P/2003 L1	2003 06 08.24352	14 46 53.81	-15 14 39.3	19.5 T	673
P/2003 L1	2003 06 08.25000	14 46 53.70	-15 14 38.5	19.5 T	673
P/2003 L1	2003 06 08.25613	14 46 53.58	-15 14 37.8	19.5 T	673
P/2003 L1	2003 06 08.31806	14 46 52.41	-15 14 28.5	19.5 T	673
P/2003 L1	2003 06 08.32431	14 46 52.29	-15 14 27.7	19.5 T	673
P/2003 L1	2003 06 08.33044	14 46 52.18	-15 14 26.9	19.5 T	673
P/2003 L1	2003 06 18.89129	14 44 19.07	-14 52 05.2	18.9 N	620
P/2003 L1	2003 06 18.91305	14 44 18.82	-14 52 02.6	19.2 N	620
P/2003 L1	2003 06 18.93478	14 44 18.62	-14 52 00.3	19.0 N	620

C/2003 L2 (LINEAR)

C/2003 L2	2003 06 12.32879	19 30 27.04	+56 54 17.6	18.2 N	704
C/2003 L2	2003 06 12.33935	19 30 26.26	+56 54 31.3	19.0 N	704

2003 AUG. 6

M.P.C. 49261

C/2003 L2	2003 06 12.37116	19 30 24.03	+56 55 09.6	19.1 N	704
C/2003 L2	2003 06 12.94773	19 29 37.11	+57 06 50.8	19.0 T	620
C/2003 L2	2003 06 12.95209	19 29 36.70	+57 06 55.4	18.8 T	620
C/2003 L2	2003 06 13.93194	19 28 15.16	+57 26 39.7		A50
C/2003 L2	2003 06 13.93403	19 28 14.94	+57 26 42.3	18.7 N	A50
C/2003 L2	2003 06 13.94455	19 28 14.20	+57 26 54.4		A50
C/2003 L2	2003 06 13.94781	19 28 13.86	+57 27 00.6		A50
C/2003 L2	2003 06 13.96418	19 28 12.54	+57 27 18.3	19.0 N	176
C/2003 L2	2003 06 13.96672	19 28 12.34	+57 27 21.4	18.6 N	176
C/2003 L2	2003 06 13.96787	19 28 12.49	+57 27 24.1	18.0 N	3 118
C/2003 L2	2003 06 13.97147	19 28 11.96	+57 27 27.1		176
C/2003 L2	2003 06 13.97448	19 28 11.72	+57 27 30.7		176
C/2003 L2	2003 06 13.97737	19 28 11.35	+57 27 35.3		3 118
C/2003 L2	2003 06 13.98184	19 28 10.77	+57 27 41.7		3 118
C/2003 L2	2003 06 14.22924	19 27 49.91	+57 32 36.7	18.6 N	649
C/2003 L2	2003 06 14.24537	19 27 48.57	+57 32 55.6	18.3 N	649
C/2003 L2	2003 06 14.25473	19 27 47.75	+57 33 07.1	18.1 N	649
C/2003 L2	2003 06 16.88741	19 23 52.74	+58 24 44.2	18.0 T	213
C/2003 L2	2003 06 16.89417	19 23 52.07	+58 24 49.0	18.0 T	213
C/2003 L2	2003 06 16.89822	19 23 52.06	+58 24 58.8	18.2 T	213
C/2003 L2	2003 06 16.98666	19 23 43.44	+58 26 37.8		118
C/2003 L2	2003 06 16.98773	19 23 43.38	+58 26 38.9		118
C/2003 L2	2003 06 16.99191	19 23 43.14	+58 26 43.9	18.7 N	118
C/2003 L2	2003 06 18.11924	19 21 55.66	+58 48 14.8	18.1 N	620
C/2003 L2	2003 06 18.12648	19 21 54.90	+58 48 22.9	18.3 N	620
C/2003 L2	2003 06 18.13369	19 21 54.19	+58 48 30.8	18.0 N	620
C/2003 L2	2003 06 20.25696	19 18 22.51	+59 28 02.8	18.0 T	H41
C/2003 L2	2003 06 20.26076	19 18 22.27	+59 28 09.0	17.9 T	H41
C/2003 L2	2003 06 20.96588	19 17 08.76	+59 40 56.9		118
C/2003 L2	2003 06 20.97248	19 17 08.22	+59 41 04.1		118
C/2003 L2	2003 06 20.97355	19 17 08.06	+59 41 05.2		118
C/2003 L2	2003 06 20.97654	19 17 07.76	+59 41 08.1		118
C/2003 L2	2003 06 20.97865	19 17 07.53	+59 41 10.4		118
C/2003 L2	2003 06 21.95197	19 15 23.83	+59 58 37.6	18.7 N	130
C/2003 L2	2003 06 21.95552	19 15 23.50	+59 58 41.1	18.7 N	130
C/2003 L2	2003 06 21.95692	19 15 23.34	+59 58 42.1	18.0 T	215
C/2003 L2	2003 06 21.95767	19 15 23.29	+59 58 44.2	18.3 T	215
C/2003 L2	2003 06 21.95826	19 15 23.21	+59 58 44.2	18.3 T	215
C/2003 L2	2003 06 21.95868	19 15 23.20	+59 58 44.9	18.7 N	130
C/2003 L2	2003 06 22.00443	19 15 18.18	+59 59 34.1	18.6 N	204
C/2003 L2	2003 06 22.01145	19 15 17.44	+59 59 41.5		204
C/2003 L2	2003 06 22.01438	19 15 17.09	+59 59 44.9		204
C/2003 L2	2003 06 22.01731	19 15 16.80	+59 59 47.4		204
C/2003 L2	2003 06 22.02024	19 15 16.53	+59 59 50.9	18.3 T	204
C/2003 L2	2003 06 22.31037	19 14 45.07	+60 05 00.7	18.2 T	H41
C/2003 L2	2003 06 22.32067	19 14 43.86	+60 05 10.5	18.2 T	H41
C/2003 L2	2003 06 22.99090	19 13 30.29	+60 16 55.5	18.2 T	213
C/2003 L2	2003 06 22.99559	19 13 29.78	+60 17 00.8	18.3 T	213
C/2003 L2	2003 06 23.32773	19 12 52.53	+60 22 48.4	18.1 T	H41
C/2003 L2	2003 06 24.22212	19 11 12.48	+60 38 08.6	18.0 T	785
C/2003 L2	2003 06 24.24076	19 11 09.41	+60 38 29.1	18.7 T	785
C/2003 L2	2003 06 24.26321	19 11 06.88	+60 38 51.9	17.1 T	785
C/2003 L2	2003 06 24.36719	19 10 55.07	+60 40 42.6	19.4 N	H41

C/2003 L2	2003 06 25.35102	19 09 00.07	+60 57 11.4	18.3 T	H41
C/2003 L2	2003 06 25.35427	19 08 59.69	+60 57 15.3	18.4 T	H41
C/2003 L2	2003 06 25.98586	19 07 44.80	+61 07 41.6		118
C/2003 L2	2003 06 25.98701	19 07 44.62	+61 07 42.8		118
C/2003 L2	2003 06 25.98825	19 07 44.48	+61 07 43.9		118
C/2003 L2	2003 06 25.98962	19 07 44.35	+61 07 45.0		118
C/2003 L2	2003 06 25.99137	19 07 44.06	+61 07 47.2		118
C/2003 L2	2003 06 27.27727	19 05 07.95	+61 28 37.5	18.0 T	H41
C/2003 L2	2003 06 27.28282	19 05 07.25	+61 28 43.2	18.2 T	H41
C/2003 L2	2003 06 28.02205	19 03 35.13	+61 40 23.9	17.7 N	J95
C/2003 L2	2003 06 28.02666	19 03 34.54	+61 40 28.1	17.6 N	J95
C/2003 L2	2003 06 28.03240	19 03 33.81	+61 40 33.5	17.6 N	J95
C/2003 L2	2003 06 28.33931	19 02 55.21	+61 45 22.6	17.9 T	H41
C/2003 L2	2003 06 28.34806	19 02 54.14	+61 45 30.2	18.0 T	H41
C/2003 L2	2003 06 29.29341	19 00 53.55	+62 00 02.6	17.6 T	H41
C/2003 L2	2003 06 29.31205	19 00 51.01	+62 00 21.0	17.6 T	H41
C/2003 L2	2003 07 02.26895	18 54 17.48	+62 43 36.1	17.2 T	785
C/2003 L2	2003 07 02.29653	18 54 13.45	+62 43 55.2	17.1 T	785
C/2003 L2	2003 07 03.28014	18 51 57.65	+62 57 34.8	17.7 T	H41
C/2003 L2	2003 07 03.28350	18 51 57.30	+62 57 37.6	17.6 T	H41
C/2003 L2	2003 07 03.28929	18 51 56.38	+62 57 41.8	17.7 T	H41
C/2003 L2	2003 07 04.27616	18 49 37.62	+63 10 57.9	17.6 T	H41
C/2003 L2	2003 07 04.28263	18 49 36.36	+63 11 04.6	17.6 T	H41
C/2003 L2	2003 07 05.26793	18 47 15.62	+63 23 50.3	17.8 T	H41
C/2003 L2	2003 07 05.27963	18 47 14.00	+63 23 59.6	17.9 T	H41
C/2003 L2	2003 07 06.30609	18 44 44.64	+63 36 54.5	17.5 T	H41
C/2003 L2	2003 07 06.31047	18 44 43.85	+63 36 58.2	17.4 T	H41
C/2003 L2	2003 07 06.31573	18 44 43.21	+63 37 02.0	17.5 T	H41
C/2003 L2	2003 07 07.28987	18 42 19.38	+63 48 50.8	17.2 T	699
C/2003 L2	2003 07 07.30607	18 42 16.98	+63 49 02.9		699
C/2003 L2	2003 07 07.31057	18 42 16.37	+63 49 04.6	17.2 T	H41
C/2003 L2	2003 07 07.32229	18 42 14.54	+63 49 15.7		699
C/2003 L2	2003 07 07.33851	18 42 12.05	+63 49 25.5		699
C/2003 L2	2003 07 08.25671	18 39 54.62	+64 00 11.1	16.9 T	785
C/2003 L2	2003 07 08.27003	18 39 52.34	+64 00 20.3	17.2 T	785
C/2003 L2	2003 07 08.27201	18 39 52.01	+64 00 22.9	17.5 T	H41
C/2003 L2	2003 07 08.28374	18 39 50.40	+64 00 30.0	17.4 T	H41
C/2003 L2	2003 07 09.27043	18 37 20.75	+64 11 38.9	18.0 T	704
C/2003 L2	2003 07 09.28054	18 37 19.25	+64 11 45.8	17.9 T	704
C/2003 L2	2003 07 09.29069	18 37 17.63	+64 11 53.2	17.9 T	704
C/2003 L2	2003 07 09.29988	18 37 16.11	+64 11 59.0	17.3 T	H41
C/2003 L2	2003 07 09.30099	18 37 16.13	+64 11 59.6	18.0 T	704
C/2003 L2	2003 07 09.30524	18 37 15.27	+64 12 02.3	17.4 T	H41
C/2003 L2	2003 07 09.31114	18 37 14.49	+64 12 06.5	17.7 T	704
C/2003 L2	2003 07 11.20001	18 32 22.78	+64 32 11.5	17.5 T	H41
C/2003 L2	2003 07 11.20525	18 32 22.03	+64 32 14.3	17.6 T	H41
C/2003 L2	2003 07 11.20833	18 32 21.35	+64 32 16.6	17.5 T	H41
C/2003 L2	2003 07 11.21288	18 32 20.74	+64 32 19.4	17.5 T	H41
C/2003 L2	2003 07 12.04159	18 30 10.57	+64 40 37.5		118
C/2003 L2	2003 07 12.04580	18 30 09.87	+64 40 40.2		118
C/2003 L2	2003 07 12.05023	18 30 09.17	+64 40 42.7	17.7 N	118
C/2003 L2	2003 07 12.87942	18 27 58.38	+64 48 42.5	17.2 T	213
C/2003 L2	2003 07 12.88212	18 27 57.99	+64 48 45.2	17.2 T	213

C/2003 L2	2003 07 12.88527	18 27 57.24	+64 48 48.2	17.2 T	213
C/2003 L2	2003 07 14.29786	18 24 11.18	+65 01 41.3	17.7 T	H41
C/2003 L2	2003 07 14.30487	18 24 10.42	+65 01 45.8	17.6 T	H41
C/2003 L2	2003 07 14.30696	18 24 10.05	+65 01 48.3	17.8 T	H41
C/2003 L2	2003 07 15.23559	18 21 40.56	+65 09 47.3	17.6 T	H41
C/2003 L2	2003 07 15.24086	18 21 39.52	+65 09 50.1	17.7 T	H41
C/2003 L2	2003 07 15.24617	18 21 38.64	+65 09 54.0	17.6 T	H41
C/2003 L2	2003 07 16.19535	18 19 04.86	+65 17 38.9	17.6 T	H41
C/2003 L2	2003 07 16.20049	18 19 04.11	+65 17 41.3	17.6 T	H41
C/2003 L2	2003 07 16.21183	18 19 02.15	+65 17 46.9	17.6 T	H41
C/2003 L2	2003 07 17.00808	18 16 52.35	+65 23 58.4		118
C/2003 L2	2003 07 17.01553	18 16 50.96	+65 24 01.1	17.6 N	118
C/2003 L2	2003 07 17.17689	18 16 24.87	+65 25 15.2	17.7 T	H41
C/2003 L2	2003 07 17.18038	18 16 24.17	+65 25 17.6	17.7 T	H41
C/2003 L2	2003 07 17.22414	18 16 17.02	+65 25 36.9	18.0 T	704
C/2003 L2	2003 07 17.23410	18 16 15.52	+65 25 41.0	18.4 T	704
C/2003 L2	2003 07 17.24406	18 16 13.72	+65 25 45.9	18.4 T	704
C/2003 L2	2003 07 17.25406	18 16 12.17	+65 25 50.4	18.6 T	704
C/2003 L2	2003 07 18.00906	18 14 08.27	+65 31 20.9		204
C/2003 L2	2003 07 18.01129	18 14 07.92	+65 31 22.0		204
C/2003 L2	2003 07 18.01353	18 14 07.45	+65 31 23.2	17.4 T	204
C/2003 L2	2003 07 18.31501	18 13 18.03	+65 33 30.8	17.5 T	H41
C/2003 L2	2003 07 18.31770	18 13 17.41	+65 33 32.5	17.6 T	H41
C/2003 L2	2003 07 18.32196	18 13 16.82	+65 33 34.1	17.5 T	H41
C/2003 L2	2003 07 18.98628	18 11 27.84	+65 38 08.5	17.1 N	442
C/2003 L2	2003 07 20.01956	18 08 37.37	+65 44 49.3	17.2 T	232
C/2003 L2	2003 07 20.02736	18 08 35.87	+65 44 53.7	17.3 T	232
C/2003 L2	2003 07 25.97270	17 52 15.24	+66 14 07.1	17.2 T	213
C/2003 L2	2003 07 25.97505	17 52 14.76	+66 14 08.5	17.2 T	213
C/2003 L2	2003 07 25.97742	17 52 14.37	+66 14 09.5	17.2 T	213
C/2003 L2	2003 07 26.89157	17 49 45.06	+66 17 17.6	17.1 T	232
C/2003 L2	2003 07 26.90187	17 49 43.59	+66 17 19.0	17.0 T	232
C/2003 L2	2003 07 28.25218	17 46 04.12	+66 21 19.0	18.1 T	H41
C/2003 L2	2003 07 28.25726	17 46 03.28	+66 21 19.9	17.9 T	H41
C/2003 L2	2003 07 28.26631	17 46 01.81	+66 21 21.8	18.0 T	H41
C/2003 L2	2003 07 29.06282	17 43 53.10	+66 23 20.4	17.0 T	A02
C/2003 L2	2003 07 29.06959	17 43 52.08	+66 23 20.4	17.0 T	A02
C/2003 L2	2003 07 29.07411	17 43 51.42	+66 23 20.6	17.0 T	A02
C/2003 L2	2003 07 29.94117	17 41 32.90	+66 25 15.3	17.0 T	A02
C/2003 L2	2003 07 29.94341	17 41 32.53	+66 25 15.5	17.0 T	A02
C/2003 L2	2003 07 29.95019	17 41 31.39	+66 25 16.3	17.0 T	A02
C/2003 L2	2003 07 30.29398	17 40 36.41	+66 25 56.3	17.4 T	785
C/2003 L2	2003 07 30.34595	17 40 28.17	+66 26 03.5	17.2 T	785
C/2003 L2	2003 07 30.53917	17 39 57.88	+66 26 22.4		340
C/2003 L2	2003 07 30.54168	17 39 57.44	+66 26 25.8		340
C/2003 L2	2003 07 30.54608	17 39 56.67	+66 26 23.9	16.0 T	340
C/2003 L2	2003 07 30.96069	17 38 51.12	+66 27 04.6	16.9 T	A02
C/2003 L2	2003 07 30.96521	17 38 50.21	+66 27 05.6	16.9 T	A02
C/2003 L2	2003 07 30.96747	17 38 49.76	+66 27 06.0	16.9 T	A02
C/2003 L2	2003 07 31.32013	17 37 54.32	+66 27 37.4	18.1 T	H41
C/2003 L2	2003 07 31.32260	17 37 53.84	+66 27 37.5	18.0 T	H41
C/2003 L2	2003 07 31.95918	17 36 14.10	+66 28 28.6	16.9 T	A02
C/2003 L2	2003 07 31.96369	17 36 13.37	+66 28 29.1	16.9 T	A02

C/2003 L2	2003 07 31.96821	17 36 12.65	+66 28 29.6	16.9 T	A02
C/2003 L2	2003 08 01.27131	17 35 25.28	+66 28 51.1	17.6 T	H41
C/2003 L2	2003 08 01.27390	17 35 24.85	+66 28 51.3	17.5 T	H41
C/2003 L2	2003 08 01.99815	17 33 32.24	+66 29 30.8	16.4 N	213
C/2003 L2	2003 08 01.99921	17 33 32.22	+66 29 31.0	16.4 N	213
C/2003 L2	2003 08 02.02912	17 33 27.83	+66 29 32.9	17.1 T	232
C/2003 L2	2003 08 02.03948	17 33 26.23	+66 29 34.0	17.1 T	232
C/2003 L2	2003 08 02.04980	17 33 24.63	+66 29 34.2	17.1 T	232
C/2003 L2	2003 08 02.30318	17 32 45.61	+66 29 45.8	17.4 T	H41
C/2003 L2	2003 08 02.30822	17 32 44.84	+66 29 46.3	17.4 T	H41
C/2003 L2	2003 08 02.60231	17 31 59.66	+66 29 59.1	17.1 T	360
C/2003 L2	2003 08 02.60639	17 31 59.03	+66 29 58.9		360
C/2003 L2	2003 08 02.87688	17 31 17.73	+66 30 06.6	17.0 T	215
C/2003 L2	2003 08 02.87747	17 31 17.77	+66 30 07.6	17.0 T	215
C/2003 L2	2003 08 02.87793	17 31 17.67	+66 30 07.2	17.2 T	215
C/2003 L2	2003 08 02.97813	17 31 02.18	+66 30 11.5	17.1 T	232
C/2003 L2	2003 08 03.15975	17 30 34.63	+66 30 15.8	17.4 T	H41
C/2003 L2	2003 08 03.16192	17 30 34.27	+66 30 16.3	17.3 T	H41
C/2003 L2	2003 08 04.19542	17 27 58.21	+66 30 29.2	17.5 T	H41
C/2003 L2	2003 08 04.23672	17 27 51.93	+66 30 28.9	17.4 T	H41

C/2003 O1 (LINEAR)

C/2003 O1	2003 07 19.26109	19 34 24.63	+38 36 12.4	18.4 N	704
C/2003 O1	2003 07 19.27122	19 34 23.92	+38 36 13.3	18.8 N	704
C/2003 O1	2003 07 19.28123	19 34 23.39	+38 36 11.5	19.2 N	704
C/2003 O1	2003 07 19.29125	19 34 22.53	+38 36 13.9	18.9 N	704
C/2003 O1	2003 07 19.30122	19 34 21.87	+38 36 14.0	18.9 N	704
C/2003 O1	2003 07 19.86635	19 33 43.59	+38 36 36.6	17.9 N	151
C/2003 O1	2003 07 19.87223	19 33 43.17	+38 36 37.1	16.8 N	151
C/2003 O1	2003 07 19.88931	19 33 41.91	+38 36 38.5	17.5 T	J87
C/2003 O1	2003 07 19.89850	19 33 41.61	+38 36 39.1	18.0 T	J87
C/2003 O1	2003 07 19.91904	19 33 39.95	+38 36 39.1		046
C/2003 O1	2003 07 19.92100	19 33 39.86	+38 36 39.2	17.9 N	046
C/2003 O1	2003 07 19.92362	19 33 39.66	+38 36 39.6		557
C/2003 O1	2003 07 19.92584	19 33 39.51	+38 36 39.6		557
C/2003 O1	2003 07 19.92802	19 33 39.32	+38 36 39.6		046
C/2003 O1	2003 07 19.92925	19 33 39.24	+38 36 40.3		046
C/2003 O1	2003 07 19.93027	19 33 39.18	+38 36 39.9		557
C/2003 O1	2003 07 19.93249	19 33 39.04	+38 36 40.0		557
C/2003 O1	2003 07 19.93691	19 33 38.76	+38 36 40.0		557
C/2003 O1	2003 07 19.93913	19 33 38.60	+38 36 39.9		557
C/2003 O1	2003 07 19.94601	19 33 38.10	+38 36 40.4	18.2 T	J95
C/2003 O1	2003 07 19.95046	19 33 37.81	+38 36 40.8	17.3 T	J95
C/2003 O1	2003 07 19.95153	19 33 37.87	+38 36 42.4	18.0 N	941
C/2003 O1	2003 07 19.95382	19 33 37.73	+38 36 42.0	18.0 N	941
C/2003 O1	2003 07 19.95487	19 33 37.54	+38 36 41.0	17.7 T	J95
C/2003 O1	2003 07 19.95611	19 33 37.60	+38 36 41.6	18.0 N	941
C/2003 O1	2003 07 19.95840	19 33 37.43	+38 36 41.2	18.0 N	941
C/2003 O1	2003 07 19.96067	19 33 37.12	+38 36 41.1	18.0 N	966
C/2003 O1	2003 07 19.96140	19 33 37.04	+38 36 41.0		118
C/2003 O1	2003 07 19.96299	19 33 37.04	+38 36 40.8	18.0 N	941
C/2003 O1	2003 07 19.96529	19 33 36.91	+38 36 40.6	18.0 N	941
C/2003 O1	2003 07 19.96855	19 33 36.56	+38 36 41.5		118

2003 AUG. 6

M.P.C. 49263

C/2003 O1	2003 07 19.97260	19 33 36.27	+38 36 41.9		118
C/2003 O1	2003 07 19.97800	19 33 35.92	+38 36 41.4	18.2 N	966
C/2003 O1	2003 07 20.03036	19 33 32.30	+38 36 44.1	18.2 N	198
C/2003 O1	2003 07 20.03255	19 33 32.15	+38 36 44.1	18.2 N	198
C/2003 O1	2003 07 20.05782	19 33 30.52	+38 36 43.9	18.3 N	198
C/2003 O1	2003 07 20.08880	19 33 28.47	+38 36 47.8	19.3 T	859
C/2003 O1	2003 07 20.09265	19 33 28.30	+38 36 45.6	19.0 T	859
C/2003 O1	2003 07 20.09641	19 33 28.00	+38 36 46.0	19.1 T	859
C/2003 O1	2003 07 20.24432	19 33 17.65	+38 36 53.3	17.4 T	785
C/2003 O1	2003 07 20.25887	19 33 16.98	+38 36 52.5	17.9 T	704
C/2003 O1	2003 07 20.26652	19 33 16.27	+38 36 50.1	19.1 T	785
C/2003 O1	2003 07 20.26863	19 33 16.37	+38 36 52.4	18.7 T	704
C/2003 O1	2003 07 20.26907	19 33 16.28	+38 36 52.4	18.7 T	704
C/2003 O1	2003 07 20.27840	19 33 15.70	+38 36 52.3	18.0 T	704
C/2003 O1	2003 07 20.28212	19 33 15.27	+38 36 51.9	18.2 T	785
C/2003 O1	2003 07 20.28830	19 33 15.08	+38 36 52.3	18.5 T	704
C/2003 O1	2003 07 20.28886	19 33 14.92	+38 36 53.3	18.5 T	704
C/2003 O1	2003 07 20.29808	19 33 14.44	+38 36 53.0	18.2 T	704
C/2003 O1	2003 07 20.29877	19 33 14.28	+38 36 52.8	18.5 T	704
C/2003 O1	2003 07 20.57381	19 32 55.50	+38 37 03.8	19.4 N	413
C/2003 O1	2003 07 20.57613	19 32 55.34	+38 37 04.0	19.3 N	413
C/2003 O1	2003 07 20.57844	19 32 55.19	+38 37 03.9	19.3 N	413
C/2003 O1	2003 07 20.94649	19 32 30.13	+38 37 13.0	18.4 T	201
C/2003 O1	2003 07 20.96654	19 32 28.80	+38 37 13.9	17.7 N	970
C/2003 O1	2003 07 20.96816	19 32 28.79	+38 37 14.1	18.4 T	201
C/2003 O1	2003 07 20.97975	19 32 28.07	+38 37 13.6		118
C/2003 O1	2003 07 20.98439	19 32 27.63	+38 37 13.9	18.1 N	118
C/2003 O1	2003 07 20.98703	19 32 27.45	+38 37 14.5		118
C/2003 O1	2003 07 20.98772	19 32 27.40	+38 37 13.9	18.0 T	046
C/2003 O1	2003 07 20.98963	19 32 27.20	+38 37 14.6		118
C/2003 O1	2003 07 20.99212	19 32 27.13	+38 37 14.7		046
C/2003 O1	2003 07 20.99470	19 32 26.91	+38 37 14.2		046
C/2003 O1	2003 07 21.00187	19 32 26.56	+38 37 14.4		046
C/2003 O1	2003 07 21.00374	19 32 26.33	+38 37 15.0	17.9 T	046
C/2003 O1	2003 07 21.04427	19 32 23.55	+38 37 16.6	17.9 T	598
C/2003 O1	2003 07 21.05344	19 32 22.92	+38 37 16.7	17.9 T	598
C/2003 O1	2003 07 21.05956	19 32 22.51	+38 37 16.7	17.8 T	598
C/2003 O1	2003 07 21.27350	19 32 08.03	+38 37 22.7	18.0 T	673
C/2003 O1	2003 07 21.29653	19 32 06.48	+38 37 23.4	18.0 T	673
C/2003 O1	2003 07 21.30370	19 32 05.94	+38 37 23.6	18.0 T	673
C/2003 O1	2003 07 21.31725	19 32 05.03	+38 37 23.7	18.0 T	673
C/2003 O1	2003 07 21.99446	19 31 19.12	+38 37 37.0	17.9 N	J95
C/2003 O1	2003 07 21.99888	19 31 18.89	+38 37 37.6	18.6 N	620
C/2003 O1	2003 07 21.99917	19 31 18.81	+38 37 37.2	17.9 N	J95
C/2003 O1	2003 07 22.00405	19 31 18.49	+38 37 37.0	17.8 N	J95
C/2003 O1	2003 07 22.05329	19 31 15.18	+38 37 38.3	19.5 T	859
C/2003 O1	2003 07 22.06144	19 31 14.83	+38 37 37.7	19.6 T	859
C/2003 O1	2003 07 22.06921	19 31 14.10	+38 37 39.4	19.0 T	859
C/2003 O1	2003 07 22.61687	19 30 36.90	+38 37 47.6		413
C/2003 O1	2003 07 22.62150	19 30 36.59	+38 37 47.6		413
C/2003 O1	2003 07 22.94815	19 30 14.57	+38 37 49.2	18.1 N	J95
C/2003 O1	2003 07 22.95278	19 30 14.21	+38 37 49.2	17.9 N	J95
C/2003 O1	2003 07 22.95741	19 30 13.92	+38 37 49.9	17.9 N	J95

C/2003 O1	2003 07 22.96868	19 30 13.09	+38 37 49.7	17.8 N	620
C/2003 O1	2003 07 22.98027	19 30 12.35	+38 37 49.1	17.7 N	620
C/2003 O1	2003 07 22.99183	19 30 11.53	+38 37 49.8	17.7 N	620
C/2003 O1	2003 07 23.00342	19 30 10.77	+38 37 49.6	17.8 N	620
C/2003 O1	2003 07 23.20667	19 29 57.04	+38 37 51.0	17.9 N	649
C/2003 O1	2003 07 23.22681	19 29 55.65	+38 37 50.9	18.1 N	649
C/2003 O1	2003 07 23.25072	19 29 54.02	+38 37 50.9	17.9 N	649
C/2003 O1	2003 07 23.26311	19 29 53.23	+38 37 50.6	18.2 T	704
C/2003 O1	2003 07 23.26994	19 29 52.59	+38 37 52.1	17.9 T	704
C/2003 O1	2003 07 23.27380	19 29 52.54	+38 37 51.0	18.4 T	704
C/2003 O1	2003 07 23.27998	19 29 51.99	+38 37 51.7	18.7 T	704
C/2003 O1	2003 07 23.28445	19 29 51.81	+38 37 50.4	18.7 T	704
C/2003 O1	2003 07 23.28991	19 29 51.30	+38 37 51.0	18.3 T	704
C/2003 O1	2003 07 23.30532	19 29 50.31	+38 37 50.3	18.5 T	704
C/2003 O1	2003 07 23.30965	19 29 49.92	+38 37 51.6	18.7 T	704
C/2003 O1	2003 07 23.49204	19 29 37.92	+38 37 53.3	18.0 N	568
C/2003 O1	2003 07 23.50828	19 29 36.73	+38 37 53.1	17.8 N	568
C/2003 O1	2003 07 24.12292	19 28 55.14	+38 37 51.1	17.8 N	2 850
C/2003 O1	2003 07 24.16181	19 28 52.36	+38 37 50.7	17.8 N	2 850
C/2003 O1	2003 07 24.20556	19 28 49.30	+38 37 51.8	18.2 N	850
C/2003 O1	2003 07 25.87872	19 26 56.35	+38 37 28.1	18.9 T	213
C/2003 O1	2003 07 25.88389	19 26 56.09	+38 37 26.6	18.7 T	213
C/2003 O1	2003 07 25.88707	19 26 55.94	+38 37 27.1	19.0 T	213
C/2003 O1	2003 07 25.94322	19 26 52.01	+38 37 26.4		J95
C/2003 O1	2003 07 25.94806	19 26 51.71	+38 37 26.5	18.2 N	J95
C/2003 O1	2003 07 25.95249	19 26 51.38	+38 37 26.2	18.2 N	J95
C/2003 O1	2003 07 26.93821	19 25 45.08	+38 36 59.1	17.9 T	213
C/2003 O1	2003 07 26.94198	19 25 44.89	+38 36 59.8	17.8 T	213
C/2003 O1	2003 07 26.98173	19 25 42.10	+38 36 57.7	18.4 N	130
C/2003 O1	2003 07 26.98788	19 25 41.69	+38 36 57.7	18.5 N	130
C/2003 O1	2003 07 26.99521	19 25 41.18	+38 36 57.6	18.1 N	130
C/2003 O1	2003 07 27.92103	19 24 39.05	+38 36 21.5	18.1 N	J95
C/2003 O1	2003 07 27.92558	19 24 38.79	+38 36 21.0		J95
C/2003 O1	2003 07 27.93003	19 24 38.41	+38 36 21.0		J95
C/2003 O1	2003 07 28.01050	19 24 32.98	+38 36 17.8	18.1 N	118
C/2003 O1	2003 07 28.01374	19 24 32.76	+38 36 18.1		118
C/2003 O1	2003 07 28.01720	19 24 32.55	+38 36 17.8		118
C/2003 O1	2003 07 28.02054	19 24 32.30	+38 36 18.2	18.1 N	118
C/2003 O1	2003 07 29.93133	19 22 24.75	+38 34 35.6	18.0 T	213
C/2003 O1	2003 07 29.93508	19 22 24.55	+38 34 35.4	18.0 T	213
C/2003 O1	2003 07 29.93884	19 22 24.10	+38 34 34.9	18.0 T	213
C/2003 O1	2003 07 30.30324	19 21 59.89	+38 34 12.3	17.9 T	785
C/2003 O1	2003 07 30.36389	19 21 55.89	+38 34 05.0	17.4 T	785
C/2003 O1	2003 08 01.94774	19 19 05.19	+38 30 42.2		046
C/2003 O1	2003 08 01.94898	19 19 05.10	+38 30 42.2		046
C/2003 O1	2003 08 02.16846	19 18 50.73	+38 30 22.4	18.0 T	850
C/2003 O1	2003 08 02.18542	19 18 49.68	+38 30 20.2	17.9 T	850
C/2003 O1	2003 08 02.22604	19 18 46.97	+38 30 17.2	17.7 T	850
C/2003 O1	2003 08 02.23750	19 18 46.23	+38 30 14.9	17.8 T	850
C/2003 O1	2003 08 02.61338	19 18 21.56	+38 29 39.2	18.0 T	360
C/2003 O1	2003 08 02.61744	19 18 21.29	+38 29 38.8		360
C/2003 O1	2003 08 03.03823	19 17 53.71	+38 28 56.6	18.1 T	215
C/2003 O1	2003 08 03.16685	19 17 45.40	+38 28 42.8	18.7 T	H41

C/2003 O1	2003 08 03.17179	19 17 45.10	+38 28 43.2	18.8 T	H41
C/2003 O1	2003 08 03.89744	19 16 57.80	+38 27 25.3	18.0 N	213
C/2003 O1	2003 08 03.90126	19 16 57.55	+38 27 24.6	17.9 N	213
C/2003 O1	2003 08 03.90350	19 16 57.53	+38 27 24.8	17.8 N	442
C/2003 O1	2003 08 03.90507	19 16 57.41	+38 27 24.6	17.9 N	213
C/2003 O1	2003 08 04.25394	19 16 34.64	+38 26 45.7	18.8 T	H41
C/2003 O1	2003 08 04.25741	19 16 34.46	+38 26 45.5	18.8 T	H41

P/2003 O2 (LINEAR)

P/2003 O2	2003 07 29.37618	01 55 23.89	+14 28 46.1	18.6 T	704
P/2003 O2	2003 07 29.38723	01 55 25.41	+14 29 05.0	18.9 T	704
P/2003 O2	2003 07 29.39787	01 55 26.83	+14 29 21.0	18.7 T	704
P/2003 O2	2003 07 29.40871	01 55 28.46	+14 29 40.7	18.6 T	704
P/2003 O2	2003 07 29.41933	01 55 29.49	+14 29 56.9	18.4 T	704
P/2003 O2	2003 07 30.08231	01 57 02.92	+14 48 21.3	16.9 T	620
P/2003 O2	2003 07 30.08664	01 57 03.51	+14 48 28.4	17.9 T	620
P/2003 O2	2003 07 30.09105	01 57 04.14	+14 48 36.1	17.3 T	620
P/2003 O2	2003 07 30.37129	01 57 42.93	+14 56 21.8	17.7 T	704
P/2003 O2	2003 07 30.37355	01 57 43.71	+14 56 26.9	17.0 T	649
P/2003 O2	2003 07 30.37592	01 57 44.07	+14 56 30.8	17.2 T	649
P/2003 O2	2003 07 30.38207	01 57 44.92	+14 56 41.1	18.5 T	704
P/2003 O2	2003 07 30.38692	01 57 45.63	+14 56 49.5	18.1 T	704
P/2003 O2	2003 07 30.38700	01 57 45.64	+14 56 49.1	18.2 T	704
P/2003 O2	2003 07 30.38833	01 57 45.75	+14 56 51.2	17.3 T	649
P/2003 O2	2003 07 30.39287	01 57 46.42	+14 56 58.4	17.8 T	704
P/2003 O2	2003 07 30.39306	01 57 46.40	+14 56 59.3	16.9 T	649
P/2003 O2	2003 07 30.39801	01 57 47.01	+14 57 06.5	18.5 T	704
P/2003 O2	2003 07 30.39810	01 57 47.09	+14 57 07.0	18.5 T	704
P/2003 O2	2003 07 30.40366	01 57 47.87	+14 57 16.2	17.9 T	704
P/2003 O2	2003 07 30.40917	01 57 48.57	+14 57 25.3	18.3 T	704
P/2003 O2	2003 07 30.40933	01 57 48.62	+14 57 25.9	18.3 T	704
P/2003 O2	2003 07 30.41473	01 57 49.07	+14 57 32.6	17.9 T	704
P/2003 O2	2003 07 30.42018	01 57 50.07	+14 57 43.0	18.1 T	704
P/2003 O2	2003 07 30.42026	01 57 49.97	+14 57 43.5	18.4 T	704
P/2003 O2	2003 07 30.43095	01 57 51.21	+14 58 00.1	18.2 T	704
P/2003 O2	2003 07 30.43103	01 57 51.19	+14 58 00.4	18.1 T	704
P/2003 O2	2003 07 31.03749	01 59 16.95	+15 14 53.3	17.9 T	J95
P/2003 O2	2003 07 31.04266	01 59 17.68	+15 15 01.7	18.4 T	J95
P/2003 O2	2003 07 31.04738	01 59 18.39	+15 15 10.0	18.2 T	J95
P/2003 O2	2003 07 31.27618	01 59 50.44	+15 21 33.9	17.0 N	649
P/2003 O2	2003 07 31.28010	01 59 51.06	+15 21 40.4	18.2 N	649
P/2003 O2	2003 07 31.28404	01 59 51.70	+15 21 47.0	17.7 N	649
P/2003 O2	2003 07 31.28797	01 59 51.95	+15 21 52.4	18.0 N	649
P/2003 O2	2003 08 01.04735	02 01 38.61	+15 43 02.6	16.6 N	A32
P/2003 O2	2003 08 01.05029	02 01 38.90	+15 43 06.7	16.5 N	A32
P/2003 O2	2003 08 01.05176	02 01 39.08	+15 43 09.2	16.8 N	A32
P/2003 O2	2003 08 01.05323	02 01 39.34	+15 43 11.4	16.7 N	A32
P/2003 O2	2003 08 01.05470	02 01 39.56	+15 43 13.6	16.7 N	A32
P/2003 O2	2003 08 01.39215	02 02 27.22	+15 52 44.4	17.2 N	H41
P/2003 O2	2003 08 01.39575	02 02 27.67	+15 52 51.4	17.1 N	H41
P/2003 O2	2003 08 01.39867	02 02 28.11	+15 52 55.2	17.1 N	H41
P/2003 O2	2003 08 01.39919	02 02 28.04	+15 52 54.3	18.9 T	704
P/2003 O2	2003 08 01.39928	02 02 28.11	+15 52 53.3	18.9 T	704

P/2003 O2	2003 08 01.40575	02 02 28.77	+15 53 03.9	18.2 T	704
P/2003 O2	2003 08 01.41011	02 02 29.44	+15 53 12.3	18.4 T	704
P/2003 O2	2003 08 01.41020	02 02 29.39	+15 53 10.4	18.9 T	704
P/2003 O2	2003 08 01.41622	02 02 30.26	+15 53 21.4	18.4 T	704
P/2003 O2	2003 08 01.42074	02 02 30.75	+15 53 29.0	18.7 T	704
P/2003 O2	2003 08 01.42083	02 02 30.91	+15 53 28.7	18.9 T	704
P/2003 O2	2003 08 01.42678	02 02 31.71	+15 53 40.4	18.0 T	704
P/2003 O2	2003 08 01.43134	02 02 32.15	+15 53 46.9	18.4 T	704
P/2003 O2	2003 08 01.43143	02 02 32.21	+15 53 46.7	18.8 T	704
P/2003 O2	2003 08 01.43728	02 02 33.02	+15 53 57.9	18.5 T	704
P/2003 O2	2003 08 02.04045	02 03 58.29	+16 10 49.9	17.7 N	J95
P/2003 O2	2003 08 02.04683	02 03 59.21	+16 11 00.4	17.7 N	J95
P/2003 O2	2003 08 02.05312	02 04 00.04	+16 11 10.8	16.8 N	J95
P/2003 O2	2003 08 02.08769	02 04 04.85	+16 12 10.9		170
P/2003 O2	2003 08 02.09216	02 04 05.51	+16 12 17.5		170
P/2003 O2	2003 08 02.09441	02 04 05.68	+16 12 21.0		170
P/2003 O2	2003 08 02.10191	02 04 06.07	+16 12 32.2		108
P/2003 O2	2003 08 02.10919	02 04 07.71	+16 12 47.1		108
P/2003 O2	2003 08 02.11395	02 04 08.35	+16 12 53.9		108
P/2003 O2	2003 08 02.11644	02 04 09.05	+16 13 00.8	16.6 T	108
P/2003 O2	2003 08 02.32010	02 04 37.90	+16 18 42.3	18.2 N	H41
P/2003 O2	2003 08 02.32231	02 04 37.97	+16 18 44.9	18.1 N	H41
P/2003 O2	2003 08 02.32441	02 04 38.22	+16 18 48.0	18.2 N	H41
P/2003 O2	2003 08 02.37847	02 04 45.74	+16 20 19.9	16.4 T	850
P/2003 O2	2003 08 02.39653	02 04 48.17	+16 20 50.3	16.3 T	850
P/2003 O2	2003 08 02.41181	02 04 50.09	+16 21 14.2	16.5 T	850
P/2003 O2	2003 08 02.67465	02 05 27.53	+16 28 37.1		342
P/2003 O2	2003 08 02.72674	02 05 34.86	+16 30 06.1		342
P/2003 O2	2003 08 02.74062	02 05 36.71	+16 30 31.6		342
P/2003 O2	2003 08 03.00749	02 06 14.18	+16 37 56.9	17.5 T	215
P/2003 O2	2003 08 03.00828	02 06 14.34	+16 37 57.3	17.5 T	215
P/2003 O2	2003 08 03.05043	02 06 20.37	+16 39 09.7	17.1 N	J95
P/2003 O2	2003 08 03.05694	02 06 21.28	+16 39 19.8	17.4 N	J95
P/2003 O2	2003 08 03.06302	02 06 22.15	+16 39 30.8	17.9 N	J95
P/2003 O2	2003 08 03.13168	02 06 31.47	+16 41 26.6	17.0 T	232
P/2003 O2	2003 08 03.14322	02 06 33.21	+16 41 47.8	17.0 T	232
P/2003 O2	2003 08 03.15489	02 06 34.84	+16 42 06.7	16.9 T	232
P/2003 O2	2003 08 04.06209	02 08 42.88	+17 07 36.6	17.6 N	J95
P/2003 O2	2003 08 04.06930	02 08 43.89	+17 07 49.7	17.3 N	J95
P/2003 O2	2003 08 04.07637	02 08 44.89	+17 08 01.2	17.3 N	J95
P/2003 O2	2003 08 04.11376	02 08 50.18	+17 09 06.4		170
P/2003 O2	2003 08 04.11528	02 08 50.26	+17 09 07.5		170
P/2003 O2	2003 08 04.12191	02 08 51.13	+17 09 20.0		170
P/2003 O2	2003 08 04.35640	02 09 24.29	+17 15 55.3	16.1 T	850
P/2003 O2	2003 08 04.36528	02 09 25.37	+17 16 11.1	16.2 T	850
P/2003 O2	2003 08 04.37850	02 09 27.24	+17 16 34.7	15.8 T	850
P/2003 O2	2003 08 04.38912	02 09 29.35	+17 16 59.7	16.1 T	850
P/2003 O2	2003 08 04.40426	02 09 30.64	+17 17 17.2	15.9 T	850
P/2003 O2	2003 08 05.05698	02 11 03.00	+17 35 40.9		246
P/2003 O2	2003 08 05.05763	02 11 03.10	+17 35 42.1		246
P/2003 O2	2003 08 05.05824	02 11 03.23	+17 35 43.2		246
P/2003 O2	2003 08 05.05881	02 11 03.28	+17 35 43.8		246
P/2003 O2	2003 08 05.05954	02 11 03.39	+17 35 45.4		246

2003 AUG. 6

M.P.C. 49265

P/2003 O2	2003 08 05.12050	02 11 11.91	+17 37 29.4		170
P/2003 O2	2003 08 05.12177	02 11 12.11	+17 37 31.6		170
P/2003 O2	2003 08 05.12369	02 11 12.38	+17 37 35.6		170
P/2003 O2	2003 08 05.38651	02 11 49.40	+17 44 59.6	18.5 T	704
P/2003 O2	2003 08 05.39738	02 11 50.85	+17 45 17.4	18.8 T	704
P/2003 O2	2003 08 05.40837	02 11 52.47	+17 45 36.6	18.7 T	704
P/2003 O2	2003 08 05.41911	02 11 53.86	+17 45 55.1	18.6 T	704
P/2003 O2	2003 08 05.43001	02 11 55.23	+17 46 12.7	18.4 T	704

P/2003 O3 (LINEAR)

P/2003 O3	2003 07 30.39211	01 20 09.26	+03 40 44.0	18.9 N	704
P/2003 O3	2003 07 30.40322	01 20 11.26	+03 41 09.4	19.0 N	704
P/2003 O3	2003 07 30.41437	01 20 13.28	+03 41 33.5	19.2 N	704
P/2003 O3	2003 07 30.42523	01 20 15.25	+03 41 58.8	19.2 N	704
P/2003 O3	2003 07 30.43604	01 20 17.16	+03 42 23.4	19.2 N	704
P/2003 O3	2003 07 31.09581	01 22 17.72	+04 07 04.6	18.7 N	J95
P/2003 O3	2003 07 31.10075	01 22 18.61	+04 07 17.6	18.3 N	J95
P/2003 O3	2003 07 31.10581	01 22 19.35	+04 07 26.2	19.0 N	J95
P/2003 O3	2003 07 31.10661	01 22 19.55	+04 07 32.2	18.6 N	599
P/2003 O3	2003 07 31.10760	01 22 19.73	+04 07 34.6	18.0 N	599
P/2003 O3	2003 07 31.10860	01 22 19.95	+04 07 36.7	18.5 N	599
P/2003 O3	2003 08 01.38854	01 26 12.55	+04 55 42.8	19.1 N	704
P/2003 O3	2003 08 01.39908	01 26 14.37	+04 56 05.1	19.5 N	704
P/2003 O3	2003 08 01.40565	01 26 15.63	+04 56 21.2	19.3 N	704
P/2003 O3	2003 08 01.40996	01 26 16.25	+04 56 31.2	19.3 N	704
P/2003 O3	2003 08 01.41612	01 26 17.43	+04 56 43.8	19.7 N	704
P/2003 O3	2003 08 01.42062	01 26 18.13	+04 56 54.6	19.3 N	704
P/2003 O3	2003 08 01.42667	01 26 19.42	+04 57 10.3	19.3 N	704
P/2003 O3	2003 08 01.43123	01 26 19.99	+04 57 18.7	19.5 N	704
P/2003 O3	2003 08 01.43718	01 26 21.15	+04 57 31.7	19.6 N	704
P/2003 O3	2003 08 01.99455	01 28 01.70	+05 18 23.1	18.7 N	A50
P/2003 O3	2003 08 01.99529	01 28 01.82	+05 18 24.9		A50
P/2003 O3	2003 08 01.99602	01 28 01.89	+05 18 26.6		A50
P/2003 O3	2003 08 01.99676	01 28 02.06	+05 18 28.1	18.8 N	A50
P/2003 O3	2003 08 01.99978	01 28 02.60	+05 18 35.9	18.7 N	A50
P/2003 O3	2003 08 02.00124	01 28 02.83	+05 18 38.7	18.9 N	A50
P/2003 O3	2003 08 02.00198	01 28 02.99	+05 18 39.9	18.7 N	A50
P/2003 O3	2003 08 02.02241	01 28 06.87	+05 19 27.3	18.6 N	151
P/2003 O3	2003 08 02.02766	01 28 07.72	+05 19 39.8	19.1 N	151
P/2003 O3	2003 08 02.06007	01 28 13.61	+05 20 54.1	18.4 N	176
P/2003 O3	2003 08 02.06215	01 28 13.98	+05 20 58.8	18.3 N	176
P/2003 O3	2003 08 02.06424	01 28 14.34	+05 21 03.5	18.2 N	176
P/2003 O3	2003 08 02.06655	01 28 14.74	+05 21 08.7	18.4 N	176
P/2003 O3	2003 08 02.06863	01 28 15.11	+05 21 13.4	18.1 N	176
P/2003 O3	2003 08 02.07443	01 28 15.94	+05 21 23.9		557
P/2003 O3	2003 08 02.07595	01 28 16.17	+05 21 27.8		557
P/2003 O3	2003 08 02.07747	01 28 16.44	+05 21 31.0		557
P/2003 O3	2003 08 02.07969	01 28 17.02	+05 21 34.4	18.9 N	J95
P/2003 O3	2003 08 02.08433	01 28 17.91	+05 21 46.3	18.3 N	J95
P/2003 O3	2003 08 02.08929	01 28 18.76	+05 21 56.9	17.9 N	J95
P/2003 O3	2003 08 03.01179	01 31 04.07	+05 56 34.9		246
P/2003 O3	2003 08 03.01241	01 31 04.20	+05 56 36.6		246
P/2003 O3	2003 08 03.01306	01 31 04.33	+05 56 38.0		246

P/2003 O3	2003 08 03.01374	01 31 04.46	+05 56 39.8		246
P/2003 O3	2003 08 03.01443	01 31 04.58	+05 56 41.2		246
P/2003 O3	2003 08 03.01503	01 31 04.70	+05 56 42.2		246
P/2003 O3	2003 08 03.01687	01 31 05.18	+05 56 47.5	18.6 N	026
P/2003 O3	2003 08 03.02937	01 31 07.34	+05 57 15.2	18.9 N	026
P/2003 O3	2003 08 03.03786	01 31 08.78	+05 57 34.1	18.8 N	026
P/2003 O3	2003 08 03.07369	01 31 14.85	+05 58 55.3		118
P/2003 O3	2003 08 03.07666	01 31 15.64	+05 59 00.9	18.7 N	J95
P/2003 O3	2003 08 03.07703	01 31 15.43	+05 59 03.1		118
P/2003 O3	2003 08 03.08066	01 31 16.39	+05 59 12.4	19.5 N	J87
P/2003 O3	2003 08 03.08127	01 31 16.16	+05 59 12.9	18.4 N	118
P/2003 O3	2003 08 03.08286	01 31 16.84	+05 59 17.9	18.8 N	J87
P/2003 O3	2003 08 03.08505	01 31 17.21	+05 59 22.4	18.4 N	J87
P/2003 O3	2003 08 03.08615	01 31 17.32	+05 59 22.1	18.4 N	J95
P/2003 O3	2003 08 03.08726	01 31 17.48	+05 59 27.6	18.6 N	J87
P/2003 O3	2003 08 03.08945	01 31 17.86	+05 59 32.4	18.4 N	J87
P/2003 O3	2003 08 03.09128	01 31 18.25	+05 59 39.2	18.8 N	J87
P/2003 O3	2003 08 03.09575	01 31 18.99	+05 59 43.7	18.0 N	J95
P/2003 O3	2003 08 03.37878	01 32 09.71	+06 10 25.6	18.2 N	854
P/2003 O3	2003 08 03.38420	01 32 10.57	+06 10 36.3	18.4 N	854
P/2003 O3	2003 08 03.38601	01 32 10.88	+06 10 42.0	18.3 N	854
P/2003 O3	2003 08 03.39159	01 32 11.96	+06 10 53.8		671
P/2003 O3	2003 08 03.39664	01 32 12.83	+06 11 04.9	18.4 N	671
P/2003 O3	2003 08 03.40333	01 32 14.02	+06 11 19.7		671
P/2003 O3	2003 08 04.02749	01 34 04.67	+06 34 40.8		246
P/2003 O3	2003 08 04.02830	01 34 04.84	+06 34 42.0		246
P/2003 O3	2003 08 04.02896	01 34 04.97	+06 34 43.7		246
P/2003 O3	2003 08 04.02965	01 34 05.07	+06 34 45.6		246
P/2003 O3	2003 08 04.03046	01 34 05.18	+06 34 47.0		246
P/2003 O3	2003 08 04.03188	01 34 05.49	+06 34 50.2		246
P/2003 O3	2003 08 04.03295	01 34 05.64	+06 34 52.1		246
P/2003 O3	2003 08 04.03374	01 34 05.78	+06 34 54.8		246
P/2003 O3	2003 08 04.03476	01 34 05.96	+06 34 57.2		246
P/2003 O3	2003 08 04.09013	01 34 15.70	+06 37 00.7	18.3 N	J95
P/2003 O3	2003 08 04.10227	01 34 17.80	+06 37 28.4	18.6 N	J95
P/2003 O3	2003 08 04.11449	01 34 19.93	+06 37 55.1	18.4 N	J95
P/2003 O3	2003 08 04.38544	01 35 08.10	+06 48 08.8	18.7 N	704
P/2003 O3	2003 08 04.38874	01 35 08.60	+06 48 15.7	19.1 N	704
P/2003 O3	2003 08 04.39609	01 35 09.93	+06 48 33.3	19.0 N	704
P/2003 O3	2003 08 04.39938	01 35 10.47	+06 48 41.9	19.0 N	704
P/2003 O3	2003 08 04.40671	01 35 11.66	+06 48 56.8	18.6 N	704
P/2003 O3	2003 08 04.40999	01 35 12.27	+06 49 04.8	19.0 N	704
P/2003 O3	2003 08 04.41729	01 35 13.58	+06 49 21.1	18.7 N	704
P/2003 O3	2003 08 04.42060	01 35 14.11	+06 49 29.0	19.2 N	704
P/2003 O3	2003 08 04.42795	01 35 15.38	+06 49 44.7	18.6 N	704
P/2003 O3	2003 08 04.43123	01 35 15.98	+06 49 52.4	19.1 N	704
P/2003 O3	2003 08 05.01510	01 36 59.03	+07 11 39.0		557
P/2003 O3	2003 08 05.01674	01 36 59.25	+07 11 42.7		557
P/2003 O3	2003 08 05.02000	01 36 59.79	+07 11 49.9		557
P/2003 O3	2003 08 05.02379	01 37 00.58	+07 11 58.9	18.2 N	026
P/2003 O3	2003 08 05.03074	01 37 01.82	+07 12 14.5	18.9 N	026
P/2003 O3	2003 08 05.03091	01 37 01.76	+07 12 14.6		246
P/2003 O3	2003 08 05.03154	01 37 01.86	+07 12 15.9		246

P/2003 O3	2003 08 05.03213	01 37 01.94	+07 12 17.2		246	2P	2002 09 16.17560	22 59 51.48	-02 39 48.2	18.9 N	695
P/2003 O3	2003 08 05.03330	01 37 02.11	+07 12 19.9		246	2P	2002 09 16.22193	22 59 48.68	-02 40 03.5	18.9 N	695
P/2003 O3	2003 08 05.03630	01 37 02.82	+07 12 27.7	18.7 N	026	2P	2002 09 16.25072	22 59 46.94	-02 40 12.8	19.0 N	695
P/2003 O3	2003 08 05.04332	01 37 03.68	+07 12 43.7	18.8 N	106	2P	2002 09 16.28115	22 59 45.14	-02 40 22.9	18.9 N	695
P/2003 O3	2003 08 05.04675	01 37 04.60	+07 12 52.9	18.1 N	620	2P	2002 09 16.33752	22 59 41.72	-02 40 41.6	18.9 N	695
P/2003 O3	2003 08 05.04880	01 37 04.93	+07 12 55.3	18.9 N	026	2P	2002 09 16.37603	22 59 39.45	-02 40 54.0	19.0 N	695
P/2003 O3	2003 08 05.05050	01 37 05.14	+07 12 59.7	18.3 N	106	2P	2002 09 16.43394	22 59 35.93	-02 41 13.2	19.2 N	695
P/2003 O3	2003 08 05.05607	01 37 06.29	+07 13 13.6	18.2 N	620	2P	2002 10 03.13571	22 44 06.51	-04 08 51.3	19.2 N	695
P/2003 O3	2003 08 05.05708	01 37 06.41	+07 13 13.7	18.9 N	106	2P	2002 10 03.14234	22 44 06.21	-04 08 53.1	19.0 N	695
P/2003 O3	2003 08 05.15639	01 37 23.48	+07 16 58.7	17.8 N	941	2P	2002 10 03.23843	22 44 01.28	-04 09 21.0	19.2 N	695
P/2003 O3	2003 08 05.15754	01 37 23.64	+07 17 00.9	17.8 N	941	2P	2002 10 03.24633	22 44 00.86	-04 09 23.4	18.7 N	695
P/2003 O3	2003 08 05.15869	01 37 23.81	+07 17 03.7	17.7 N	941	2P	2002 10 03.26795	22 43 59.83	-04 09 29.0	19.3 N	695
P/2003 O3	2003 08 05.16099	01 37 24.17	+07 17 08.8	17.8 N	941	2P	2002 10 03.30091	22 43 58.11	-04 09 38.9	18.7 N	695
P/2003 O3	2003 08 05.31814	01 37 52.54	+07 23 03.2	19.2 N	651	2P	2002 10 03.31536	22 43 57.34	-04 09 43.1	19.2 N	695
P/2003 O3	2003 08 05.31944	01 37 52.76	+07 23 06.3	19.2 N	651	2P	2002 10 03.32932	22 43 56.59	-04 09 47.4	19.2 N	695
P/2003 O3	2003 08 05.33610	01 37 55.62	+07 23 43.3	19.0 N	651	2P	2002 10 03.34242	22 43 55.98	-04 09 50.8	19.2 N	695
P/2003 O3	2003 08 05.33742	01 37 55.88	+07 23 46.1	19.2 N	651	2P	2002 10 04.09889	22 43 18.34	-04 13 29.8	19.1 N	695
P/2003 O3	2003 08 05.33866	01 37 56.07	+07 23 49.1	19.3 N	651	2P	2002 10 04.13597	22 43 16.52	-04 13 40.2	19.2 N	695
2P/Encke						2P	2002 10 04.17603	22 43 14.43	-04 13 52.0	19.1 N	695
2P	2002 09 12.16750	23 03 50.62	-02 17 52.7	19.0 N	695	2P	2002 10 04.21420	22 43 12.53	-04 14 02.8	19.0 N	695
2P	2002 09 12.19547	23 03 48.90	-02 18 02.3	19.0 N	695	2P	2002 10 04.23520	22 43 11.47	-04 14 09.1	19.3 N	695
2P	2002 09 12.24829	23 03 45.72	-02 18 19.3	18.9 N	695	2P	2002 10 04.27858	22 43 09.31	-04 14 21.0	19.1 N	695
2P	2002 09 12.30237	23 03 42.41	-02 18 37.1	18.9 N	695	2P	2002 10 04.33258	22 43 06.54	-04 14 36.7	19.0 N	695
2P	2002 09 12.33847	23 03 40.19	-02 18 48.9	19.1 N	695	2P	2002 10 04.38898	22 43 03.75	-04 14 52.7	19.2 N	695
2P	2002 09 12.37705	23 03 37.83	-02 19 01.3	19.1 N	695	2P	2003 07 08.05883	01 44 19.35	+17 33 39.3	19.8 T	599
2P	2002 09 12.42279	23 03 35.06	-02 19 16.1	19.1 N	695	2P	2003 07 08.06647	01 44 19.92	+17 33 44.4	19.6 T	599
2P	2002 09 12.47027	23 03 32.21	-02 19 31.8	19.0 N	695	2P	2003 07 08.07416	01 44 20.28	+17 33 47.9	20.1 T	599
2P	2002 09 13.12794	23 02 53.11	-02 23 06.8	18.9 N	695	2P	2003 07 08.08198	01 44 20.73	+17 33 52.4	20.6 T	599
2P	2002 09 13.15147	23 02 51.76	-02 23 14.3	19.0 N	695	2P	2003 08 03.10867	02 08 24.86	+21 32 59.3	19.2 N	J95
2P	2002 09 13.17400	23 02 50.37	-02 23 21.7	19.0 N	695	2P	2003 08 03.11978	02 08 25.36	+21 33 04.6	19.1 N	J95
2P	2002 09 13.24440	23 02 46.06	-02 23 46.2	19.1 N	695	29P/Schwassmann-Wachmann					
2P	2002 09 13.31601	23 02 41.73	-02 24 09.0	19.3 N	695	29P	2003 06 04.03250	22 49 02.67	-04 05 53.9		048
2P	2002 09 13.36407	23 02 38.79	-02 24 24.9	19.1 N	695	29P	2003 06 04.03399	22 49 02.65	-04 05 54.5		048
2P	2002 09 13.39200	23 02 37.05	-02 24 34.3	19.1 N	695	29P	2003 06 04.03475	22 49 02.69	-04 05 54.4		048
2P	2002 09 13.42706	23 02 34.99	-02 24 45.6	19.2 N	695	29P	2003 06 04.03550	22 49 02.70	-04 05 54.4		048
2P	2002 09 14.12568	23 01 53.50	-02 28 35.0	18.8 N	695	29P	2003 06 04.03625	22 49 02.69	-04 05 53.5		048
2P	2002 09 14.16718	23 01 50.99	-02 28 48.6	19.1 N	695	29P	2003 06 04.03700	22 49 02.73	-04 05 54.4		048
2P	2002 09 14.19861	23 01 49.07	-02 28 59.0	19.1 N	695	29P	2003 06 04.03775	22 49 02.70	-04 05 53.7		048
2P	2002 09 14.25407	23 01 45.71	-02 29 17.4	19.1 N	695	29P	2003 06 04.03926	22 49 02.74	-04 05 53.6		048
2P	2002 09 14.27896	23 01 44.23	-02 29 25.0	19.2 N	695	29P	2003 06 04.04001	22 49 02.76	-04 05 53.8		048
2P	2002 09 14.33575	23 01 40.75	-02 29 44.5	19.2 N	695	29P	2003 06 04.04075	22 49 02.74	-04 05 53.4		048
2P	2002 09 14.40199	23 01 36.79	-02 30 06.0	19.2 N	695	29P	2003 06 05.76505	22 49 26.05	-04 01 15.1	12.8 T	360
2P	2002 09 14.46972	23 01 32.73	-02 30 28.3	19.0 N	695	29P	2003 06 05.76751	22 49 26.08	-04 01 14.8	15.2 N	360
2P	2002 09 15.11981	23 00 54.24	-02 34 01.5	18.8 N	695	29P	2003 06 05.99350	22 49 29.17	-04 00 38.5	13.4 T	097
2P	2002 09 15.16234	23 00 51.71	-02 34 15.3	19.0 N	695	29P	2003 06 06.01151	22 49 29.37	-04 00 35.3	13.4 T	097
2P	2002 09 15.20978	23 00 48.80	-02 34 31.2	18.7 N	695	29P	2003 06 06.02962	22 49 29.59	-04 00 32.8	13.3 T	097
2P	2002 09 15.25336	23 00 46.19	-02 34 45.4	18.9 N	695	29P	2003 06 06.98097	22 49 41.65	-03 58 03.3	13.7 T	097
2P	2002 09 15.32241	23 00 42.01	-02 35 08.3	19.1 N	695	29P	2003 06 06.99928	22 49 41.70	-03 58 00.0	16.6 T	097
2P	2002 09 15.37023	23 00 39.12	-02 35 24.1	19.0 N	695	29P	2003 06 07.01631	22 49 41.92	-03 57 57.4	15.8 T	097
2P	2002 09 15.44029	23 00 34.88	-02 35 47.1	19.2 N	695	29P	2003 06 07.41451	22 49 46.79	-03 56 56.2	14.8 N	H41
2P	2002 09 15.46537	23 00 33.37	-02 35 55.2	19.1 N	695	29P	2003 06 08.05883	22 49 54.51	-03 55 20.5	15.3 N	213
2P	2002 09 16.11749	22 59 54.98	-02 39 29.3	19.0 N	695	29P	2003 06 08.05992	22 49 54.44	-03 55 18.6	15.2 N	213

2003 AUG. 6

M.P.C. 49267

29P	2003 06 08.06108	22 49 54.46	-03 55 17.4	15.2 N	213	29P	2003 07 05.35764	22 51 26.32	-03 07 25.2	16.2 N	H41
29P	2003 06 08.08870	22 49 54.52	-03 55 13.4	15.2 N	232	29P	2003 07 06.34934	22 51 20.86	-03 06 30.8	15.2 T	H41
29P	2003 06 08.09909	22 49 54.72	-03 55 12.7	15.2 N	232	29P	2003 07 07.02988	22 51 16.88	-03 05 57.9		204
29P	2003 06 08.39833	22 49 58.33	-03 54 26.8	15.5 N	H41	29P	2003 07 07.03075	22 51 16.82	-03 05 57.6		204
29P	2003 06 08.39973	22 49 58.29	-03 54 25.8	13.9 T	H41	29P	2003 07 07.03863	22 51 16.80	-03 05 57.5	17.0 N	204
29P	2003 06 09.36933	22 50 09.13	-03 52 01.2	13.6 T	H41	29P	2003 07 07.04043	22 51 16.76	-03 05 57.8	17.4 N	204
29P	2003 06 09.37557	22 50 09.23	-03 52 00.4	13.6 T	H41	29P	2003 07 07.04262	22 51 16.77	-03 05 57.5	16.7 N	204
29P	2003 06 10.01098	22 50 16.05	-03 50 27.5		048	29P	2003 07 07.77169	22 51 11.88	-03 05 22.7		379
29P	2003 06 10.01208	22 50 16.03	-03 50 26.7		048	29P	2003 07 07.77346	22 51 12.05	-03 05 22.8	15.0 T	379
29P	2003 06 10.01319	22 50 16.11	-03 50 27.1		048	29P	2003 07 10.44444	22 50 52.00	-03 03 30.8		809
29P	2003 06 10.01656	22 50 16.11	-03 50 27.1		048	29P	2003 07 10.44600	22 50 52.00	-03 03 30.7		809
29P	2003 06 10.01769	22 50 16.07	-03 50 26.0		048	29P	2003 07 10.44756	22 50 51.99	-03 03 30.6		809
29P	2003 06 11.13532	22 50 27.43	-03 47 44.8	16.3 N	620	29P	2003 07 11.99905	22 50 38.54	-03 02 40.8	15.9 T	213
29P	2003 06 12.13613	22 50 37.01	-03 45 24.8	16.3 N	620	29P	2003 07 12.00079	22 50 38.46	-03 02 41.7	16.0 T	213
29P	2003 06 13.13976	22 50 46.00	-03 43 06.7	16.4 N	620	29P	2003 07 12.00253	22 50 38.32	-03 02 43.2	15.9 T	213
29P	2003 06 17.03113	22 51 15.14	-03 34 43.8		118	29P	2003 07 12.06337	22 50 37.96	-03 02 40.6		170
29P	2003 06 17.03441	22 51 15.20	-03 34 43.8		118	29P	2003 07 12.06787	22 50 37.89	-03 02 40.1		170
29P	2003 06 17.04510	22 51 15.22	-03 34 43.0	16.9 N	118	29P	2003 07 12.07013	22 50 37.92	-03 02 40.9		170
29P	2003 06 21.10119	22 51 35.85	-03 26 55.5	15.8 N	213	29P	2003 07 13.32226	22 50 25.87	-03 02 05.4	16.6 N	H41
29P	2003 06 21.10218	22 51 35.87	-03 26 55.2	15.9 N	213	29P	2003 07 13.32395	22 50 25.76	-03 02 05.4	16.4 N	H41
29P	2003 06 21.10431	22 51 35.86	-03 26 55.0	15.8 N	213	29P	2003 07 13.32965	22 50 25.69	-03 02 05.6	16.4 N	H41
29P	2003 06 21.98061	22 51 39.00	-03 25 20.7	16.3 N	215	29P	2003 07 15.30475	22 50 04.73	-03 01 24.0	15.2 N	H41
29P	2003 06 21.98119	22 51 38.94	-03 25 21.2	16.3 N	215	29P	2003 07 15.30837	22 50 04.72	-03 01 23.5	15.3 N	H41
29P	2003 06 21.98167	22 51 39.00	-03 25 21.2	16.6 N	215	29P	2003 07 19.12229	22 49 17.65	-03 00 44.3	16.6 T	232
29P	2003 06 22.10212	22 51 39.33	-03 25 08.0	15.7 N	232	29P	2003 07 19.99873	22 49 05.71	-03 00 43.0	16.2 T	504
29P	2003 06 22.10988	22 51 39.39	-03 25 07.4	15.7 N	232	29P	2003 07 20.01237	22 49 05.53	-03 00 42.8	16.1 T	504
29P	2003 06 23.36700	22 51 42.90	-03 22 59.2	15.2 T	H41	29P	2003 07 20.02943	22 49 05.29	-03 00 43.1	16.2 T	504
29P	2003 06 23.37609	22 51 42.90	-03 22 57.8	16.4 N	H41	29P	2003 07 23.05139	22 48 20.59	-03 01 01.1	15.0 T	A32
29P	2003 06 24.38940	22 51 44.99	-03 21 18.6	15.3 N	H41	29P	2003 07 23.05363	22 48 20.56	-03 01 01.1	15.0 T	A32
29P	2003 06 27.32929	22 51 47.49	-03 16 50.8	15.4 N	H41	29P	2003 07 23.05589	22 48 20.51	-03 01 01.2	15.0 T	A32
29P	2003 06 27.33421	22 51 47.47	-03 16 50.5	15.4 N	H41	29P	2003 07 25.96157	22 47 32.96	-03 01 51.2	15.7 N	235
29P	2003 06 28.35115	22 51 47.07	-03 15 25.4	15.3 N	H41	29P	2003 07 26.01501	22 47 31.92	-03 01 52.3	15.0 N	213
29P	2003 06 28.35584	22 51 47.04	-03 15 24.8	15.3 N	H41	29P	2003 07 26.01595	22 47 31.95	-03 01 52.3	15.1 N	213
29P	2003 06 29.06553	22 51 46.38	-03 14 28.0	16.0 N	213	29P	2003 07 26.01691	22 47 31.94	-03 01 52.2	15.1 N	213
29P	2003 06 29.06704	22 51 46.38	-03 14 26.8	16.1 N	213	29P	2003 07 26.08578	22 47 30.61	-03 01 52.9	15.1 N	442
29P	2003 06 29.06845	22 51 46.29	-03 14 28.9	16.0 N	213	29P	2003 07 26.08806	22 47 30.56	-03 01 54.0	15.1 N	442
29P	2003 06 29.09116	22 51 46.33	-03 14 25.7	15.7 N	A02	29P	2003 07 26.09313	22 47 30.50	-03 01 53.6	15.1 N	442
29P	2003 06 29.10017	22 51 46.36	-03 14 26.5	15.7 N	A02	29P	2003 07 26.12402	22 47 30.01	-03 01 54.0	15.2 N	232
29P	2003 06 29.10243	22 51 46.33	-03 14 27.0	15.7 N	A02	29P	2003 07 26.12916	22 47 29.87	-03 01 54.6	15.2 N	232
29P	2003 06 29.36472	22 51 45.95	-03 14 05.0	16.3 N	H41	29P	2003 07 26.99565	22 47 14.76	-03 02 15.1	15.2 N	213
29P	2003 06 29.36663	22 51 45.98	-03 14 04.8	15.3 T	H41	29P	2003 07 26.99736	22 47 14.72	-03 02 15.6	15.2 N	213
29P	2003 06 30.10851	22 51 44.80	-03 13 08.6	15.9 N	212	29P	2003 07 26.99852	22 47 14.72	-03 02 16.1	15.2 N	213
29P	2003 06 30.11198	22 51 44.79	-03 13 07.9	15.9 N	212	29P	2003 07 27.99179	22 46 56.93	-03 02 43.9	15.3 N	939
29P	2003 06 30.11615	22 51 44.77	-03 13 06.6	15.9 N	212	29P	2003 07 27.99943	22 46 56.79	-03 02 44.8	15.3 N	939
29P	2003 07 03.34172	22 51 35.43	-03 09 23.9	16.1 N	H41	29P	2003 07 28.00700	22 46 56.63	-03 02 45.3	15.3 N	939
29P	2003 07 03.34631	22 51 35.47	-03 09 24.4	16.0 N	H41	29P	2003 07 29.11601	22 46 36.12	-03 03 20.8	15.2 N	A02
29P	2003 07 04.31743	22 51 31.33	-03 08 24.9	16.2 N	H41	29P	2003 07 29.12278	22 46 35.94	-03 03 20.2	15.2 N	A02
29P	2003 07 04.32274	22 51 31.30	-03 08 24.3	16.1 N	H41	29P	2003 07 29.12503	22 46 35.89	-03 03 20.1	15.2 N	A02
29P	2003 07 04.33425	22 51 31.29	-03 08 23.2	16.1 N	H41	29P	2003 07 30.03209	22 46 18.57	-03 03 51.5	15.2 T	A32
29P	2003 07 05.11100	22 51 27.57	-03 07 38.2	16.0 N	212	29P	2003 07 30.03657	22 46 18.49	-03 03 52.7	15.1 T	A32
29P	2003 07 05.11476	22 51 27.57	-03 07 38.5	15.9 N	212	29P	2003 07 30.12245	22 46 16.84	-03 03 53.8	15.4 N	A02
29P	2003 07 05.11863	22 51 27.57	-03 07 38.9	15.9 N	212	29P	2003 07 30.12471	22 46 16.80	-03 03 54.2	15.4 N	A02
29P	2003 07 05.35150	22 51 26.38	-03 07 25.0	16.2 N	H41	29P	2003 07 30.13148	22 46 16.66	-03 03 55.4	15.4 N	A02

29P	2003 07 30.57617	22 46 08.04	-03 04 10.8	14.9 T	340
29P	2003 07 30.58212	22 46 07.97	-03 04 10.7	14.9 T	340
29P	2003 07 30.58645	22 46 07.77	-03 04 10.2	14.9 T	340
29P	2003 07 31.06885	22 45 58.42	-03 04 32.0	15.4 N	A02
29P	2003 07 31.07561	22 45 58.29	-03 04 32.7	15.4 N	A02
29P	2003 07 31.08013	22 45 58.22	-03 04 33.2	15.4 N	A02
29P	2003 08 01.02382	22 45 39.19	-03 05 10.8	15.2 T	A32
29P	2003 08 01.03410	22 45 38.99	-03 05 10.9	15.2 T	A32
29P	2003 08 01.03998	22 45 38.87	-03 05 11.9	15.2 T	A32
29P	2003 08 01.08740	22 45 38.02	-03 05 14.5	15.4 N	A02
29P	2003 08 01.09191	22 45 37.90	-03 05 14.0	15.4 N	A02
29P	2003 08 01.09417	22 45 37.86	-03 05 13.8	15.4 N	A02
29P	2003 08 01.34743	22 45 32.76	-03 05 24.8	17.0 N	H36
29P	2003 08 01.36747	22 45 32.26	-03 05 26.7	16.9 N	H36
29P	2003 08 02.03032	22 45 18.65	-03 05 55.9	15.7 N	213
29P	2003 08 02.03134	22 45 18.56	-03 05 55.9	15.7 N	213
29P	2003 08 02.03237	22 45 18.65	-03 05 56.1	15.7 N	213
29P	2003 08 02.03426	22 45 18.49	-03 05 55.5		108
29P	2003 08 02.03721	22 45 18.39	-03 05 55.9		108
29P	2003 08 02.05069	22 45 18.13	-03 05 55.8		108
29P	2003 08 02.08823	22 45 17.46	-03 05 58.1	15.6 N	232
29P	2003 08 02.09598	22 45 17.13	-03 06 00.9	15.6 N	232
29P	2003 08 02.32880	22 45 12.42	-03 06 09.0	16.6 N	H41
29P	2003 08 02.33087	22 45 12.33	-03 06 09.9	15.7 T	H41
29P	2003 08 02.68988	22 45 04.81	-03 06 26.3	12.8 T	360
29P	2003 08 02.69253	22 45 04.75	-03 06 26.6	16.2 N	360
29P	2003 08 02.97363	22 44 58.92	-03 06 41.0	16.1 N	215
29P	2003 08 02.97404	22 44 58.90	-03 06 41.5	16.2 N	215
29P	2003 08 02.97442	22 44 58.94	-03 06 40.9	16.7 N	215
29P	2003 08 03.96498	22 44 37.77	-03 07 32.8		048
29P	2003 08 03.96720	22 44 37.75	-03 07 33.4		048
29P	2003 08 03.97053	22 44 37.67	-03 07 33.2		048
29P	2003 08 03.97275	22 44 37.73	-03 07 33.1		048
29P	2003 08 03.97499	22 44 37.65	-03 07 33.5		048
29P	2003 08 04.93589	22 44 16.65	-03 08 25.4		048
29P	2003 08 04.93887	22 44 16.53	-03 08 25.5		048
29P	2003 08 04.94178	22 44 16.51	-03 08 25.9		048
29P	2003 08 04.94471	22 44 16.41	-03 08 26.2		048
29P	2003 08 04.95495	22 44 16.21	-03 08 26.6		048
30P/Reinmuth					
30P	2003 06 07.18928	11 50 45.09	+11 17 13.3	18.5 T	704
30P	2003 06 07.19951	11 50 45.80	+11 17 06.1	18.6 T	704
30P	2003 06 07.20985	11 50 46.57	+11 16 58.3	18.6 T	704
30P	2003 06 23.13219	12 09 09.18	+08 32 02.8	17.4 N	H41
30P	2003 06 28.19992	12 15 23.22	+07 38 02.2	18.0 T	699
30P	2003 06 28.21589	12 15 24.40	+07 37 49.7		699
30P	2003 06 28.23183	12 15 25.60	+07 37 41.3		699
30P	2003 06 28.24776	12 15 26.74	+07 37 29.8		699
42P/Neujmin					
42P	2003 03 12.51620	12 23 09.23	+00 26 39.3	23.5 N	568
42P	2003 05 01.41030	11 54 17.93	+03 51 29.3	23.0 N	568
42P	2003 05 01.42215	11 54 17.59	+03 51 31.6	23.1 N	568

42P	2003 05 27.32205	11 49 16.52	+04 19 08.5	22.6 N	568
42P	2003 05 28.30683	11 49 17.79	+04 18 43.9	22.9 N	568
43P/Wolf-Harrington					
43P	2003 06 17.11539	23 18 41.85	+16 41 19.6	18.0 N	620
43P	2003 06 17.12405	23 18 42.27	+16 41 25.5	18.1 N	620
43P	2003 06 17.13267	23 18 42.64	+16 41 30.9	18.3 N	620
43P	2003 06 18.09202	23 19 24.71	+16 52 40.7	17.1 N	620
43P	2003 06 29.05727	23 26 39.40	+19 00 25.4	17.4 N	213
43P	2003 07 04.36801	23 29 35.61	+20 01 49.6	17.5 T	699
43P	2003 07 04.37757	23 29 36.00	+20 01 57.2	19.1 T	704
43P	2003 07 04.38145	23 29 36.03	+20 01 58.3		699
43P	2003 07 04.38773	23 29 36.36	+20 02 04.3	19.2 T	704
43P	2003 07 04.39492	23 29 36.48	+20 02 08.5		699
43P	2003 07 04.39792	23 29 36.57	+20 02 11.9	19.5 T	704
43P	2003 07 04.40801	23 29 36.86	+20 02 17.9	19.3 T	704
43P	2003 07 04.40835	23 29 36.86	+20 02 17.3		699
43P	2003 07 04.41819	23 29 37.26	+20 02 26.1	18.0 T	704
43P	2003 07 05.37888	23 30 06.39	+20 13 27.4	19.1 T	704
43P	2003 07 05.38887	23 30 06.77	+20 13 34.4	19.1 T	704
43P	2003 07 05.39889	23 30 07.12	+20 13 40.9	19.1 T	704
43P	2003 07 05.40885	23 30 07.37	+20 13 49.2	19.0 T	704
43P	2003 07 09.00431	23 31 48.81	+20 54 52.1		204
43P	2003 07 09.00960	23 31 48.94	+20 54 57.0		204
43P	2003 07 09.03481	23 31 49.59	+20 55 13.7	17.7 N	204
43P	2003 07 11.05282	23 32 40.95	+21 18 05.1		204
43P	2003 07 11.06149	23 32 41.15	+21 18 11.0		204
43P	2003 07 12.01147	23 33 04.02	+21 28 56.0	16.9 T	213
43P	2003 07 12.01384	23 33 04.13	+21 28 55.9	16.9 T	213
43P	2003 07 12.01623	23 33 04.16	+21 28 58.0	17.0 T	213
43P	2003 07 12.11505	23 33 06.35	+21 30 04.4		170
43P	2003 07 12.11843	23 33 06.45	+21 30 06.8		170
43P	2003 07 13.05987	23 33 28.00	+21 40 40.6	17.4 N	636
43P	2003 07 13.06381	23 33 28.08	+21 40 43.2	17.8 N	636
43P	2003 07 13.06773	23 33 28.17	+21 40 46.3	17.8 N	636
43P	2003 07 20.10707	23 35 38.72	+22 58 27.3	16.5 T	232
43P	2003 07 22.33259	23 36 08.22	+23 22 19.7	17.8 T	704
43P	2003 07 22.34268	23 36 08.37	+23 22 27.0	18.2 T	704
43P	2003 07 22.35293	23 36 08.45	+23 22 33.9	18.1 T	704
43P	2003 07 22.36294	23 36 08.57	+23 22 40.1	18.3 T	704
43P	2003 07 22.37313	23 36 08.61	+23 22 46.3	17.9 T	704
43P	2003 07 26.67997	23 36 47.69	+24 07 53.0	17.1 T	900
43P	2003 07 26.68880	23 36 47.78	+24 07 58.9	17.1 T	900
43P	2003 07 27.00507	23 36 49.74	+24 11 12.5		A46
43P	2003 07 27.00620	23 36 49.77	+24 11 12.9		A46
43P	2003 07 27.00733	23 36 49.71	+24 11 14.2		A46
43P	2003 07 27.00845	23 36 49.69	+24 11 14.3		A46
43P	2003 07 27.00958	23 36 49.72	+24 11 15.5		A46
43P	2003 07 27.01137	23 36 49.75	+24 11 16.5	17.0 T	213
43P	2003 07 27.01296	23 36 49.75	+24 11 17.7		A46
43P	2003 07 27.01336	23 36 49.80	+24 11 18.2	17.1 T	213
43P	2003 07 27.01491	23 36 49.83	+24 11 19.5	17.1 T	213
43P	2003 07 27.32214	23 36 51.54	+24 14 29.4	17.8 T	704

2003 AUG. 6

M.P.C. 49269

43P	2003 07 27.35359	23 36 51.75	+24 14 47.1	18.4 T	704
43P	2003 07 27.36390	23 36 51.67	+24 14 55.5	18.7 T	704
43P	2003 07 28.01282	23 36 54.99	+24 21 29.6	17.0 T	939
43P	2003 07 28.02047	23 36 55.06	+24 21 34.5	17.0 T	939
43P	2003 07 28.02808	23 36 55.08	+24 21 39.2	17.0 T	939
43P	2003 07 31.08608	23 37 02.51	+24 52 11.1	17.0 T	A02
43P	2003 07 31.08833	23 37 02.48	+24 52 12.5	17.0 T	A02
43P	2003 07 31.09736	23 37 02.46	+24 52 17.7	16.9 T	A02
43P	2003 08 01.10418	23 37 02.08	+25 02 05.2	16.8 T	A02
43P	2003 08 01.10644	23 37 02.11	+25 02 06.7	16.8 T	A02
43P	2003 08 01.11321	23 37 02.20	+25 02 11.2	16.8 T	A02
43P	2003 08 02.97706	23 36 57.76	+25 20 00.8	17.2 T	215
43P	2003 08 02.97744	23 36 57.80	+25 20 01.0	16.7 T	215
43P	2003 08 03.05542	23 36 57.37	+25 20 45.4	17.1 N	232
43P	2003 08 03.06321	23 36 57.36	+25 20 49.2	17.1 N	232
43P	2003 08 03.07099	23 36 57.37	+25 20 53.4	17.1 N	232
43P	2003 08 03.93440	23 36 53.66	+25 28 58.3	16.7 N	213
43P	2003 08 03.93656	23 36 53.61	+25 28 59.4	16.7 N	213
43P	2003 08 03.93764	23 36 53.68	+25 29 00.1	16.7 N	213
43P	2003 08 04.00051	23 36 53.29	+25 29 36.0		170
43P	2003 08 04.00238	23 36 53.28	+25 29 37.3		170

46P/Wirtanen

46P	2002 11 10.37232	12 12 58.86	+07 31 16.2		809
46P	2002 11 10.37352	12 12 59.04	+07 31 15.7		809

53P/Van Biesbroeck

53P	2003 03 11.62898	16 03 25.22	-13 00 38.9	17.1 N	568
53P	2003 03 12.64128	16 04 04.84	-12 59 30.4	16.9 N	568
53P	2003 05 01.60413	16 11 07.18	-10 47 13.6	16.7 N	568
53P	2003 05 27.47169	15 57 08.29	-09 35 07.0	16.6 N	568
53P	2003 05 28.47639	15 56 31.07	-09 33 21.8	16.0 N	568
53P	2003 05 29.57957	15 55 50.16	-09 31 34.0	15.9 N	568
53P	2003 05 30.57175	15 55 13.77	-09 30 03.6	16.3 N	568
53P	2003 05 31.52855	15 54 38.93	-09 28 43.2	16.2 N	568
53P	2003 06 02.48580	15 53 28.54	-09 26 19.7	17.1 N	568
53P	2003 06 03.92187	15 52 37.94	-09 24 54.9		048
53P	2003 06 03.92264	15 52 37.92	-09 24 55.0		048
53P	2003 06 03.92339	15 52 37.88	-09 24 54.7		048
53P	2003 06 03.92414	15 52 37.85	-09 24 54.8		048
53P	2003 06 03.92491	15 52 37.85	-09 24 54.9		048
53P	2003 06 03.92566	15 52 37.80	-09 24 54.3		048
53P	2003 06 03.92641	15 52 37.76	-09 24 54.5		048
53P	2003 06 03.92716	15 52 37.75	-09 24 54.7		048
53P	2003 06 03.92947	15 52 37.66	-09 24 54.5		048
53P	2003 06 03.93022	15 52 37.63	-09 24 54.0		048
53P	2003 06 04.12426	15 52 30.93	-09 24 36.6		834
53P	2003 06 04.15433	15 52 29.78	-09 24 34.8		834
53P	2003 06 05.94333	15 51 28.44	-09 23 17.8	13.9 N	945
53P	2003 06 05.94488	15 51 28.35	-09 23 17.9	13.9 N	945
53P	2003 06 05.94642	15 51 28.28	-09 23 17.9	13.9 N	945
53P	2003 06 05.94795	15 51 28.22	-09 23 18.0	13.9 N	945
53P	2003 06 06.96356	15 50 54.15	-09 22 41.6	13.9 N	945
53P	2003 06 06.96697	15 50 54.03	-09 22 41.1	13.9 N	945

53P	2003 06 06.96846	15 50 53.97	-09 22 40.9	13.9 N	945
53P	2003 06 06.97001	15 50 53.92	-09 22 41.0	13.8 N	945
53P	2003 06 06.97280	15 50 53.81	-09 22 40.7	13.8 N	945
53P	2003 06 07.33002	15 50 41.92	-09 22 32.1	14.9 T	H41
53P	2003 06 08.02522	15 50 19.10	-09 22 11.0	14.4 N	213
53P	2003 06 08.02631	15 50 19.08	-09 22 11.7	14.4 N	213
53P	2003 06 08.02740	15 50 19.04	-09 22 11.4	14.4 N	213
53P	2003 06 08.09150	15 50 17.16	-09 22 03.2		834
53P	2003 06 08.12817	15 50 15.82	-09 22 02.5		834
53P	2003 06 08.28451	15 50 10.72	-09 22 05.0	14.7 T	H41
53P	2003 06 08.29457	15 50 10.42	-09 22 04.7	14.7 T	H41
53P	2003 06 08.47522	15 50 04.79	-09 21 54.8	14.9 N	E14
53P	2003 06 08.51229	15 50 03.54	-09 21 54.1	14.9 N	E14
53P	2003 06 08.54871	15 50 02.30	-09 21 53.2	15.0 N	E14
53P	2003 06 08.93262	15 49 50.09	-09 21 52.7	14.3 N	232
53P	2003 06 08.93780	15 49 49.89	-09 21 52.4	14.3 N	232
53P	2003 06 09.24097	15 49 40.19	-09 21 48.0	14.7 T	H41
53P	2003 06 09.92113	15 49 18.85	-09 21 42.0		048
53P	2003 06 09.92189	15 49 18.83	-09 21 41.4		048
53P	2003 06 09.92341	15 49 18.79	-09 21 41.9		048
53P	2003 06 09.92419	15 49 18.77	-09 21 41.6		048
53P	2003 06 09.92494	15 49 18.73	-09 21 41.5		048
53P	2003 06 09.92648	15 49 18.69	-09 21 41.5		048
53P	2003 06 09.92725	15 49 18.65	-09 21 41.3		048
53P	2003 06 09.92876	15 49 18.61	-09 21 41.8		048
53P	2003 06 09.92951	15 49 18.58	-09 21 41.4		048
53P	2003 06 09.93028	15 49 18.56	-09 21 41.3		048
53P	2003 06 16.87794	15 46 03.80	-09 24 02.3		048
53P	2003 06 16.87947	15 46 03.74	-09 24 02.5		048
53P	2003 06 16.88100	15 46 03.73	-09 24 02.7		048
53P	2003 06 16.88251	15 46 03.69	-09 24 02.6		048
53P	2003 06 16.88403	15 46 03.67	-09 24 02.7		048
53P	2003 06 16.92859	15 46 02.61	-09 24 04.9	14.9 N	A32
53P	2003 06 16.93424	15 46 02.46	-09 24 04.9	14.6 N	A32
53P	2003 06 16.94101	15 46 02.28	-09 24 05.2	14.8 N	A32
53P	2003 06 16.94777	15 46 02.11	-09 24 05.8	14.8 N	A32
53P	2003 06 17.99277	15 45 36.75	-09 25 03.3		A46
53P	2003 06 17.99389	15 45 36.71	-09 25 02.5		A46
53P	2003 06 17.99502	15 45 36.75	-09 25 02.8		A46
53P	2003 06 17.99616	15 45 36.71	-09 25 02.8		A46
53P	2003 06 17.99840	15 45 36.65	-09 25 02.4		A46
53P	2003 06 18.00178	15 45 36.65	-09 25 03.2		A46
53P	2003 06 18.99324	15 45 14.03	-09 26 05.0	14.2 N	945
53P	2003 06 18.99481	15 45 13.98	-09 26 05.3	14.2 N	945
53P	2003 06 18.99718	15 45 13.91	-09 26 05.3	14.2 N	945
53P	2003 06 18.99949	15 45 13.86	-09 26 05.6	14.2 N	945
53P	2003 06 19.00142	15 45 13.81	-09 26 05.8	14.2 N	945
53P	2003 06 19.29012	15 45 07.27	-09 26 23.8	14.7 T	H41
53P	2003 06 19.29208	15 45 07.22	-09 26 24.8	14.7 T	H41
53P	2003 06 19.86180	15 44 54.99	-09 27 06.4	14.7 N	235
53P	2003 06 20.91428	15 44 33.18	-09 28 28.3	15.3 N	215
53P	2003 06 20.91487	15 44 33.17	-09 28 28.3	14.9 N	215
53P	2003 06 20.91544	15 44 33.14	-09 28 28.3	15.0 N	215

M.P.C. 49270

2003 AUG. 6

53P	2003 06 20.98249	15 44 31.71	-09 28 34.2	14.9 N	A18	53P	2003 06 27.19274	15 42 51.26	-09 39 50.3	14.8 T	H41
53P	2003 06 20.98644	15 44 31.69	-09 28 33.9	14.4 N	939	53P	2003 06 27.93287	15 42 42.68	-09 41 33.4	14.5 N	A32
53P	2003 06 20.99403	15 44 31.53	-09 28 34.5	14.4 N	939	53P	2003 06 27.93513	15 42 42.65	-09 41 33.8	14.6 N	A32
53P	2003 06 21.00177	15 44 31.36	-09 28 35.0	14.4 N	939	53P	2003 06 27.93737	15 42 42.63	-09 41 33.9	14.5 N	A32
53P	2003 06 21.92634	15 44 13.45	-09 29 56.1	14.5 N	213	53P	2003 06 27.93963	15 42 42.62	-09 41 34.2	14.6 N	A32
53P	2003 06 21.92743	15 44 13.42	-09 29 56.3	14.5 N	213	53P	2003 06 27.94189	15 42 42.58	-09 41 34.2	14.6 N	A32
53P	2003 06 21.92847	15 44 13.38	-09 29 56.6	14.5 N	213	53P	2003 06 28.18330	15 42 39.94	-09 42 07.9	14.3 T	H41
53P	2003 06 21.94074	15 44 13.14	-09 29 57.9	14.4 N	A02	53P	2003 06 28.93203	15 42 32.27	-09 43 57.5	14.3 N	213
53P	2003 06 21.94300	15 44 13.09	-09 29 58.1	14.4 N	A02	53P	2003 06 28.93328	15 42 32.26	-09 43 57.8	14.3 N	213
53P	2003 06 21.95203	15 44 12.89	-09 29 58.9	14.4 N	A02	53P	2003 06 28.93584	15 42 32.23	-09 43 58.7	14.2 N	A02
53P	2003 06 21.97767	15 44 12.45	-09 30 00.7	14.5 N	232	53P	2003 06 28.93766	15 42 32.12	-09 43 58.0	14.2 N	445
53P	2003 06 21.98288	15 44 12.30	-09 30 01.1	14.5 N	232	53P	2003 06 28.94260	15 42 32.17	-09 43 59.6	14.2 N	A02
53P	2003 06 21.98509	15 44 12.25	-09 30 02.4	14.4 N	939	53P	2003 06 28.94486	15 42 32.15	-09 44 00.0	14.2 N	A02
53P	2003 06 21.98809	15 44 12.19	-09 30 01.4	14.4 N	232	53P	2003 06 28.94916	15 42 32.06	-09 43 59.7	14.1 N	445
53P	2003 06 21.99138	15 44 11.98	-09 30 01.3		A46	53P	2003 06 29.16620	15 42 30.07	-09 44 32.1	14.4 T	H41
53P	2003 06 21.99269	15 44 12.10	-09 30 02.7	14.4 N	939	53P	2003 06 29.89459	15 42 23.47	-09 46 22.5	14.8 N	235
53P	2003 06 22.00030	15 44 11.94	-09 30 02.9	14.4 N	939	53P	2003 06 29.96311	15 42 22.91	-09 46 35.0		A46
53P	2003 06 22.00211	15 44 11.89	-09 30 02.4	14.4 N	445	53P	2003 06 29.96425	15 42 22.88	-09 46 35.3		A46
53P	2003 06 22.00377	15 44 11.75	-09 30 03.8		A46	53P	2003 06 29.96649	15 42 22.87	-09 46 35.8		A46
53P	2003 06 22.00603	15 44 11.76	-09 30 04.2		A46	53P	2003 06 29.96762	15 42 22.90	-09 46 36.0		A46
53P	2003 06 22.01406	15 44 11.65	-09 30 03.2	14.5 N	445	53P	2003 06 29.96987	15 42 22.87	-09 46 36.8		A46
53P	2003 06 22.01916	15 44 11.56	-09 30 04.6	14.4 N	445	53P	2003 06 29.97325	15 42 22.88	-09 46 37.8		A46
53P	2003 06 22.03833	15 44 11.32	-09 30 00.0		834	53P	2003 06 29.97351	15 42 22.93	-09 46 36.8	14.2 N	212
53P	2003 06 22.07212	15 44 10.69	-09 30 02.8		834	53P	2003 06 29.97639	15 42 22.90	-09 46 37.2	14.2 N	212
53P	2003 06 22.23185	15 44 07.58	-09 30 23.9	14.4 T	H41	53P	2003 06 29.98056	15 42 22.85	-09 46 37.6	14.2 N	212
53P	2003 06 22.88302	15 43 55.94	-09 31 27.4	14.4 N	J97	53P	2003 06 29.98495	15 42 22.81	-09 46 38.2	14.2 N	212
53P	2003 06 22.88668	15 43 55.86	-09 31 27.2	14.4 N	J97	53P	2003 06 30.09279	15 42 22.01	-09 46 54.6	14.5 T	H72
53P	2003 06 22.88816	15 43 55.83	-09 31 27.3	14.4 N	J97	53P	2003 06 30.09436	15 42 22.08	-09 46 54.4	15.3 T	H72
53P	2003 06 22.88963	15 43 55.81	-09 31 27.4	14.4 N	J97	53P	2003 06 30.09623	15 42 22.09	-09 46 55.0	14.7 T	H72
53P	2003 06 23.15229	15 43 51.18	-09 31 53.7	14.4 T	H41	53P	2003 06 30.09804	15 42 22.05	-09 46 55.1	14.2 T	H72
53P	2003 06 23.26400	15 43 49.05	-09 32 04.9	14.4 T	H41	53P	2003 06 30.17216	15 42 21.32	-09 47 07.3	14.4 T	H41
53P	2003 06 24.08777	15 43 35.41	-09 33 25.6		834	53P	2003 06 30.17647	15 42 21.26	-09 47 07.9	14.3 T	H41
53P	2003 06 24.14685	15 43 34.49	-09 33 38.6	15.3 N	H41	53P	2003 06 30.89961	15 42 15.89	-09 49 05.1	14.3 N	442
53P	2003 06 24.26416	15 43 32.41	-09 33 51.3	13.5 T	H41	53P	2003 06 30.92877	15 42 15.75	-09 49 10.2	14.2 N	J97
53P	2003 06 24.97493	15 43 21.33	-09 35 12.3		A46	53P	2003 06 30.93088	15 42 15.70	-09 49 09.8	14.2 N	J97
53P	2003 06 24.97605	15 43 21.32	-09 35 12.4		A46	53P	2003 07 01.09010	15 42 14.75	-09 49 36.0	15.2 T	H72
53P	2003 06 24.97719	15 43 21.31	-09 35 13.1		A46	53P	2003 07 01.09203	15 42 14.73	-09 49 36.2	14.8 T	H72
53P	2003 06 24.98170	15 43 21.23	-09 35 13.4		A46	53P	2003 07 01.13891	15 42 14.27	-09 49 44.1	15.3 T	H72
53P	2003 06 24.98394	15 43 21.21	-09 35 13.5		A46	53P	2003 07 01.14076	15 42 14.29	-09 49 44.0	15.1 T	H72
53P	2003 06 24.98507	15 43 21.17	-09 35 14.0		A46	53P	2003 07 02.17241	15 42 08.24	-09 52 40.1	14.7 T	H41
53P	2003 06 25.15233	15 43 18.88	-09 35 33.0	14.6 T	H41	53P	2003 07 02.17506	15 42 08.22	-09 52 40.5	14.6 T	H41
53P	2003 06 25.26179	15 43 17.08	-09 35 45.6	14.6 T	H41	53P	2003 07 02.89461	15 42 04.90	-09 54 49.1		048
53P	2003 06 25.98078	15 43 06.92	-09 37 14.5		A46	53P	2003 07 02.89542	15 42 04.88	-09 54 49.1		048
53P	2003 06 25.98191	15 43 06.91	-09 37 14.6		A46	53P	2003 07 02.89617	15 42 04.91	-09 54 49.2		048
53P	2003 06 25.98417	15 43 06.78	-09 37 14.9		A46	53P	2003 07 02.89851	15 42 04.88	-09 54 49.6		048
53P	2003 06 25.98528	15 43 06.80	-09 37 15.1		A46	53P	2003 07 02.89927	15 42 04.87	-09 54 50.0		048
53P	2003 06 25.98753	15 43 06.70	-09 37 16.2		A46	53P	2003 07 02.94399	15 42 04.68	-09 54 57.6		A46
53P	2003 06 25.98866	15 43 06.70	-09 37 16.4		A46	53P	2003 07 02.94512	15 42 04.68	-09 54 57.8		A46
53P	2003 06 26.93503	15 42 54.47	-09 39 17.4	14.5 N	A32	53P	2003 07 02.94624	15 42 04.62	-09 54 57.9		A46
53P	2003 06 26.94181	15 42 54.38	-09 39 18.1	14.4 N	A32	53P	2003 07 02.94736	15 42 04.61	-09 54 57.8		A46
53P	2003 06 26.94969	15 42 54.28	-09 39 18.9	14.4 N	A32	53P	2003 07 02.94959	15 42 04.59	-09 54 58.6		A46
53P	2003 06 26.95756	15 42 54.13	-09 39 20.0	14.4 N	A32	53P	2003 07 02.95182	15 42 04.60	-09 54 59.7		A46
53P	2003 06 27.19043	15 42 51.32	-09 39 50.0	14.8 T	H41	53P	2003 07 03.23918	15 42 03.55	-09 55 49.8	14.5 T	H41

2003 AUG. 6

M.P.C. 49271

53P	2003 07 04.22172	15 42 00.80	-09 58 53.4	14.5 T	H41	53P	2003 07 15.47936	15 43 13.10	-10 41 56.4	15.3 T	340
53P	2003 07 04.22946	15 42 00.77	-09 58 54.6	14.6 T	H41	53P	2003 07 16.16431	15 43 23.60	-10 44 59.7	14.0 T	H41
53P	2003 07 05.01288	15 41 59.68	-10 01 26.1	14.2 N	212	53P	2003 07 16.16912	15 43 23.67	-10 45 00.9	14.1 T	H41
53P	2003 07 05.01586	15 41 59.65	-10 01 26.6	14.2 N	212	53P	2003 07 16.84976	15 43 34.92	-10 48 07.0		048
53P	2003 07 05.01910	15 41 59.63	-10 01 27.3	14.2 N	212	53P	2003 07 16.85134	15 43 34.93	-10 48 07.5		048
53P	2003 07 06.27175	15 41 59.67	-10 05 37.8	14.4 T	H41	53P	2003 07 16.85286	15 43 34.97	-10 48 08.1		048
53P	2003 07 06.27420	15 41 59.65	-10 05 38.3	14.4 T	H41	53P	2003 07 16.85515	15 43 35.03	-10 48 08.4		048
53P	2003 07 06.92443	15 42 00.81	-10 07 55.1	14.1 N	458	53P	2003 07 16.85591	15 43 35.05	-10 48 08.8		048
53P	2003 07 06.93063	15 42 00.81	-10 07 55.1	14.2 N	458	53P	2003 07 16.89458	15 43 35.68	-10 48 18.9		118
53P	2003 07 07.23113	15 42 01.35	-10 08 58.2	15.4 N	H41	53P	2003 07 16.89718	15 43 35.76	-10 48 19.0	15.5 N	118
53P	2003 07 07.23411	15 42 01.33	-10 08 58.7	15.3 N	H41	53P	2003 07 17.19464	15 43 40.84	-10 49 40.7	14.8 T	H41
53P	2003 07 07.23675	15 42 01.33	-10 08 59.3	15.3 N	H41	53P	2003 07 17.19941	15 43 40.87	-10 49 42.3	14.7 T	H41
53P	2003 07 07.24244	15 42 01.36	-10 09 00.6	14.3 T	H41	53P	2003 07 18.90758	15 44 13.11	-10 57 43.4		A46
53P	2003 07 07.48262	15 42 02.16	-10 09 51.6	14.2 T	360	53P	2003 07 18.90869	15 44 13.10	-10 57 43.5		A46
53P	2003 07 07.48499	15 42 02.16	-10 09 52.1		360	53P	2003 07 18.91096	15 44 13.15	-10 57 43.7		A46
53P	2003 07 07.88381	15 42 03.32	-10 11 19.0		048	53P	2003 07 18.91322	15 44 13.13	-10 57 45.1		A46
53P	2003 07 07.88464	15 42 03.35	-10 11 19.4		048	53P	2003 07 18.91434	15 44 13.21	-10 57 44.5		A46
53P	2003 07 07.88549	15 42 03.36	-10 11 19.5		048	53P	2003 07 18.91546	15 44 13.23	-10 57 45.3		A46
53P	2003 07 07.88627	15 42 03.37	-10 11 19.7		048	53P	2003 07 18.93811	15 44 13.69	-10 57 51.9	14.7 N	232
53P	2003 07 07.88706	15 42 03.35	-10 11 19.8		048	53P	2003 07 18.94071	15 44 13.71	-10 57 51.4	14.7 N	232
53P	2003 07 07.91147	15 42 03.46	-10 11 24.4	14.3 N	J97	53P	2003 07 18.95273	15 44 14.05	-10 57 55.9	14.8 N	939
53P	2003 07 07.95348	15 42 03.54	-10 11 34.1		A46	53P	2003 07 18.96034	15 44 14.14	-10 57 57.3	14.7 N	939
53P	2003 07 07.95462	15 42 03.51	-10 11 34.0		A46	53P	2003 07 18.96794	15 44 14.26	-10 57 59.0	14.7 N	939
53P	2003 07 07.95574	15 42 03.54	-10 11 34.1		A46	53P	2003 07 19.86404	15 44 33.02	-11 02 18.8		048
53P	2003 07 07.95690	15 42 03.53	-10 11 34.6		A46	53P	2003 07 19.86515	15 44 33.03	-11 02 18.6		048
53P	2003 07 07.96028	15 42 03.56	-10 11 35.1		A46	53P	2003 07 19.86626	15 44 33.04	-11 02 19.3		048
53P	2003 07 07.96253	15 42 03.60	-10 11 35.6		A46	53P	2003 07 19.86738	15 44 33.04	-11 02 19.5		048
53P	2003 07 09.32875	15 42 09.82	-10 16 36.8	16.4 N	568	53P	2003 07 19.86850	15 44 33.09	-11 02 19.8		048
53P	2003 07 10.88194	15 42 20.47	-10 22 39.6	14.1 N	213	53P	2003 07 19.89394	15 44 33.71	-11 02 27.2	14.8 N	235
53P	2003 07 10.88307	15 42 20.48	-10 22 39.1	14.2 N	213	53P	2003 07 19.91475	15 44 34.09	-11 02 33.5		A46
53P	2003 07 10.88447	15 42 20.46	-10 22 40.0	14.2 N	213	53P	2003 07 19.91587	15 44 34.10	-11 02 33.7		A46
53P	2003 07 10.95434	15 42 20.96	-10 22 56.8		204	53P	2003 07 19.91699	15 44 34.15	-11 02 33.5		A46
53P	2003 07 10.95576	15 42 20.96	-10 22 56.9		204	53P	2003 07 19.91872	15 44 34.22	-11 02 34.6	14.6 N	A32
53P	2003 07 11.15295	15 42 22.62	-10 23 43.3	14.5 T	H41	53P	2003 07 19.91924	15 44 34.17	-11 02 34.3		A46
53P	2003 07 11.15691	15 42 22.63	-10 23 44.2	14.5 T	H41	53P	2003 07 19.92095	15 44 34.24	-11 02 35.5	14.6 N	A32
53P	2003 07 11.89944	15 42 29.30	-10 26 42.9	14.2 N	213	53P	2003 07 19.92150	15 44 34.22	-11 02 35.1		A46
53P	2003 07 11.90206	15 42 29.30	-10 26 43.9	14.3 N	213	53P	2003 07 19.92264	15 44 34.24	-11 02 36.2		A46
53P	2003 07 12.12125	15 42 31.51	-10 27 37.5	14.5 T	H41	53P	2003 07 19.92319	15 44 34.32	-11 02 37.1	14.6 N	A32
53P	2003 07 13.89630	15 42 51.26	-10 35 02.5		118	53P	2003 07 19.93028	15 44 34.45	-11 02 36.6	14.7 N	939
53P	2003 07 13.90546	15 42 51.37	-10 35 05.1		118	53P	2003 07 19.93784	15 44 34.62	-11 02 39.1	14.7 N	939
53P	2003 07 13.91903	15 42 51.56	-10 35 08.2	15.5 N	118	53P	2003 07 19.94544	15 44 34.77	-11 02 41.5	14.7 N	939
53P	2003 07 14.15179	15 42 54.54	-10 36 08.0	15.5 N	H41	53P	2003 07 20.91361	15 44 56.42	-11 07 27.1		A46
53P	2003 07 14.92609	15 43 05.05	-10 39 30.3	14.6 N	A32	53P	2003 07 20.91587	15 44 56.45	-11 07 27.2		A46
53P	2003 07 14.92652	15 43 04.96	-10 39 30.9		A46	53P	2003 07 20.91699	15 44 56.53	-11 07 27.7		A46
53P	2003 07 14.92722	15 43 05.07	-10 39 30.6	14.5 N	A32	53P	2003 07 20.91811	15 44 56.54	-11 07 27.8		A46
53P	2003 07 14.92764	15 43 04.92	-10 39 30.2		A46	53P	2003 07 20.92037	15 44 56.56	-11 07 27.7		A46
53P	2003 07 14.93103	15 43 05.04	-10 39 32.8		A46	53P	2003 07 20.92149	15 44 56.50	-11 07 28.3		A46
53P	2003 07 14.93216	15 43 05.06	-10 39 32.7		A46	53P	2003 07 21.44246	15 45 08.87	-11 10 03.8	15.2 T	608
53P	2003 07 14.93442	15 43 05.04	-10 39 32.6		A46	53P	2003 07 21.45343	15 45 09.15	-11 10 07.1	15.1 T	608
53P	2003 07 14.93556	15 43 05.09	-10 39 34.1		A46	53P	2003 07 21.46431	15 45 09.38	-11 10 10.1	15.3 T	608
53P	2003 07 15.26641	15 43 09.76	-10 40 58.9	15.0 N	H41	53P	2003 07 21.90584	15 45 20.20	-11 12 23.4	14.8 N	939
53P	2003 07 15.47211	15 43 13.03	-10 41 54.6		340	53P	2003 07 21.91347	15 45 20.35	-11 12 25.6	14.7 N	939
53P	2003 07 15.47493	15 43 13.13	-10 41 55.8		340	53P	2003 07 21.92106	15 45 20.51	-11 12 27.7	14.8 N	939

53P	2003 07 22.36990	15 45 31.73	-11 14 42.6	18.5 N	568	65P	2003 06 22.03432	18 51 00.98	-31 17 24.5	15.0 N	445
53P	2003 07 22.89922	15 45 45.35	-11 17 25.8	14.8 N	A32	65P	2003 06 22.03676	18 51 00.89	-31 17 23.9	15.0 N	445
53P	2003 07 22.90895	15 45 45.60	-11 17 29.0	14.9 N	A32	65P	2003 06 22.04208	18 51 00.67	-31 17 23.1	14.9 N	445
53P	2003 07 22.91866	15 45 45.88	-11 17 31.6	14.9 N	A32	65P	2003 06 22.09306	18 50 58.56	-31 17 40.3		834
53P	2003 07 22.92421	15 45 45.97	-11 17 33.6	14.8 N	A32	65P	2003 06 22.14100	18 50 56.31	-31 17 58.6		834
53P	2003 07 23.29670	15 45 55.80	-11 19 26.1	16.4 N	568	65P	2003 06 22.29706	18 50 49.15	-31 19 01.7	11.7 T	H41
53P	2003 07 23.86495	15 46 11.25	-11 22 24.4	14.9 N	235	65P	2003 06 23.33609	18 50 01.94	-31 25 27.1	11.9 T	H41
53P	2003 07 25.87134	15 47 09.42	-11 32 57.3	14.9 N	232	65P	2003 06 24.19699	18 49 22.37	-31 30 38.3		834
53P	2003 07 25.87821	15 47 09.71	-11 32 59.4	14.9 N	232	65P	2003 06 24.33708	18 49 15.77	-31 31 33.0	11.6 T	H41
53P	2003 07 25.88597	15 47 09.92	-11 33 01.1	14.9 N	232	65P	2003 06 24.33862	18 49 15.66	-31 31 34.1	14.0 N	H41
53P	2003 07 26.84377	15 47 39.86	-11 38 10.8	16.1 N	130	65P	2003 06 25.28635	18 48 31.60	-31 37 17.4	17.5 T	704
53P	2003 07 26.84670	15 47 39.96	-11 38 11.8	16.0 N	130	65P	2003 06 25.29647	18 48 31.05	-31 37 20.3	17.1 T	704
53P	2003 07 26.84962	15 47 40.06	-11 38 12.7	16.2 N	130	65P	2003 06 25.30673	18 48 30.57	-31 37 25.8	16.9 T	704
53P	2003 07 26.85547	15 47 40.24	-11 38 14.3	16.1 N	130	65P	2003 06 25.31734	18 48 29.91	-31 37 29.1	16.0 T	704
53P	2003 07 26.90413	15 47 41.75	-11 38 30.2	14.9 N	939	65P	2003 06 25.32433	18 48 29.70	-31 37 28.9	14.3 N	H41
53P	2003 07 26.91176	15 47 42.02	-11 38 32.8	14.9 N	939	65P	2003 06 25.33008	18 48 29.41	-31 37 30.9	12.7 T	H41
53P	2003 07 26.91939	15 47 42.28	-11 38 35.6	14.9 N	939	65P	2003 06 27.26914	18 46 57.40	-31 48 53.0	14.3 N	H41
53P	2003 07 27.85762	15 48 13.01	-11 43 42.0	15.0 N	213	65P	2003 06 27.27086	18 46 57.33	-31 48 53.6	12.8 T	H41
53P	2003 07 27.85859	15 48 13.02	-11 43 42.6	15.0 N	213	65P	2003 06 28.31431	18 46 06.98	-31 54 50.4	14.3 N	H41
53P	2003 07 31.96164	15 50 42.41	-12 06 45.7	14.9 N	945	65P	2003 06 28.32029	18 46 06.66	-31 54 52.2	12.8 T	H41
53P	2003 07 31.96307	15 50 42.62	-12 06 47.0	14.8 N	945	65P	2003 06 29.03859	18 45 31.86	-31 58 54.6	13.2 N	A02
53P	2003 07 31.97170	15 50 42.86	-12 06 49.3	14.8 N	945	65P	2003 06 29.04536	18 45 31.50	-31 58 56.7	13.2 N	A02
53P	2003 08 01.40061	15 51 00.05	-12 09 18.4	15.0 T	608	65P	2003 06 29.04762	18 45 31.38	-31 58 57.4	13.2 N	A02
53P	2003 08 01.41118	15 51 00.44	-12 09 21.5	15.2 T	608	65P	2003 06 29.34557	18 45 16.98	-32 00 34.3	12.9 T	H41
53P	2003 08 01.42174	15 51 00.79	-12 09 24.5	15.2 T	608	65P	2003 06 30.98784	18 43 56.82	-32 09 31.1	13.4 N	J97
53P	2003 08 01.42611	15 51 00.97	-12 09 21.2	15.5 N	E14	65P	2003 06 30.98963	18 43 56.87	-32 09 32.1	13.4 N	J97
53P	2003 08 01.42996	15 51 01.12	-12 09 22.5	15.5 N	E14	65P	2003 06 30.99042	18 43 56.81	-32 09 32.2	13.4 N	J97
53P	2003 08 01.43381	15 51 01.27	-12 09 24.2	15.6 N	E14	65P	2003 06 30.99119	18 43 56.75	-32 09 32.5	13.4 N	J97
53P	2003 08 01.88081	15 51 19.63	-12 12 04.9	14.9 N	232	65P	2003 07 02.30672	18 42 52.23	-32 16 25.0	14.1 N	H41
53P	2003 08 01.88162	15 51 19.31	-12 12 02.7	15.2 N	A18	65P	2003 07 02.30918	18 42 52.07	-32 16 25.4	12.9 T	H41
53P	2003 08 01.88854	15 51 19.68	-12 12 06.0	14.8 N	232	65P	2003 07 03.29551	18 42 03.82	-32 21 26.9	14.6 N	H41
53P	2003 08 01.89655	15 51 20.00	-12 12 10.5	14.2 N	213	65P	2003 07 03.29969	18 42 03.57	-32 21 28.3	14.4 N	H41
53P	2003 08 01.89949	15 51 20.11	-12 12 11.1	14.2 N	213	65P	2003 07 03.97554	18 41 30.60	-32 24 51.3	14.1 N	620
53P	2003 08 01.90096	15 51 20.12	-12 12 11.8	14.2 N	213	65P	2003 07 03.97722	18 41 30.50	-32 24 51.9	14.1 N	620
53P	2003 08 01.94664	15 51 21.95	-12 12 27.7	14.3 N	445	65P	2003 07 03.97909	18 41 30.43	-32 24 52.4	14.1 N	620
53P	2003 08 02.86156	15 51 59.93	-12 17 47.8	15.3 T	215	65P	2003 07 04.30043	18 41 14.62	-32 26 25.4	12.7 T	H41
53P	2003 08 02.86209	15 51 59.94	-12 17 48.2	15.4 T	215	65P	2003 07 04.30432	18 41 14.41	-32 26 26.7	12.9 T	H41
53P	2003 08 02.86258	15 51 59.98	-12 17 48.3	15.4 T	215	65P	2003 07 05.07500	18 40 36.73	-32 30 11.8	13.0 N	212
53P	2003 08 04.11484	15 52 53.79	-12 25 09.9	14.3 T	H41	65P	2003 07 05.07882	18 40 36.57	-32 30 12.9	13.0 N	212
53P	2003 08 04.11938	15 52 53.98	-12 25 11.8	14.3 T	H41	65P	2003 07 05.08229	18 40 36.45	-32 30 13.9	13.0 N	212
65P/Gunn						65P	2003 07 05.33204	18 40 24.14	-32 31 25.8	14.3 N	H41
65P	2003 06 05.67773	19 00 46.21	-29 28 19.5	12.6 T	360	65P	2003 07 05.33323	18 40 24.07	-32 31 25.9	14.3 N	H41
65P	2003 06 05.68358	19 00 46.04	-29 28 21.8		360	65P	2003 07 06.31850	18 39 36.42	-32 36 01.9	14.5 N	H41
65P	2003 06 07.41091	19 00 00.84	-29 40 10.0	11.8 T	H41	65P	2003 07 06.32336	18 39 36.14	-32 36 03.2	13.0 T	H41
65P	2003 06 08.37498	18 59 33.89	-29 46 44.8	12.0 T	H41	65P	2003 07 07.29066	18 38 49.56	-32 40 28.5	14.5 N	H41
65P	2003 06 08.38049	18 59 33.70	-29 46 46.9	14.5 N	H41	65P	2003 07 07.90115	18 38 20.61	-32 43 11.7	13.3 N	213
65P	2003 06 08.69208	18 59 24.67	-29 48 50.1	14.3 N	E14	65P	2003 07 07.90587	18 38 20.38	-32 43 13.2	13.3 N	213
65P	2003 06 08.69492	18 59 24.59	-29 48 51.2	14.3 N	E14	65P	2003 07 07.90785	18 38 20.21	-32 43 12.4	13.3 N	213
65P	2003 06 08.69775	18 59 24.54	-29 48 53.2	14.2 N	E14	65P	2003 07 11.92971	18 35 12.31	-32 59 45.3	13.0 N	213
65P	2003 06 09.30735	18 59 06.49	-29 53 07.5	14.4 N	H41	65P	2003 07 11.93264	18 35 12.25	-32 59 46.2	13.0 N	213
65P	2003 06 19.31597	18 52 59.51	-31 00 05.7	14.5 N	H41	65P	2003 07 15.27827	18 32 44.49	-33 11 43.8	13.6 N	H41
65P	2003 06 19.32199	18 52 59.24	-31 00 08.0	14.4 N	H41	65P	2003 07 15.27978	18 32 44.41	-33 11 43.3	13.5 N	H41
						65P	2003 07 16.24242	18 32 03.95	-33 14 51.6	13.7 N	H41

2003 AUG. 6

M.P.C. 49273

65P	2003 07 16.24959	18 32 03.69	−33 14 51.9	13.7 N	H41
65P	2003 07 20.92041	18 29 00.28	−33 28 14.4		A30
65P	2003 07 20.92709	18 28 59.95	−33 28 15.2		A30
65P	2003 07 20.92947	18 28 59.87	−33 28 16.0		A30
65P	2003 07 20.93185	18 28 59.82	−33 28 17.5		A30
65P	2003 07 20.93342	18 28 59.67	−33 28 16.2		A30
65P	2003 07 21.58439	18 28 36.30	−33 29 51.7	14.1 T	900
65P	2003 07 21.61034	18 28 35.41	−33 29 56.6	14.8 T	900
65P	2003 08 01.48794	18 23 34.42	−33 48 29.6	15.3 N	E14
65P	2003 08 01.49505	18 23 34.23	−33 48 29.8	15.0 N	E14
65P	2003 08 01.50216	18 23 34.10	−33 48 30.1	14.6 N	E14

66P/du Toit

66P	2003 06 20.49954	11 55 16.75	−10 27 30.2	15.8 T	360
66P	2003 06 20.50183	11 55 16.84	−10 27 32.7		360
66P	2003 06 22.13185	11 56 31.18	−10 56 43.2	16.8 T	H41
66P	2003 06 22.13410	11 56 31.25	−10 56 45.4	16.9 T	H41
66P	2003 08 02.34917	13 03 05.92	−25 58 39.6	17.0 N	E14
66P	2003 08 02.35628	13 03 07.00	−25 58 49.8	17.2 N	E14
66P	2003 08 02.36339	13 03 08.08	−25 59 01.0	17.2 N	E14

67P/Churyumov-Gerasimenko

67P	2003 04 04.39843	11 00 17.64	+16 14 42.1	18.1 N	675
67P	2003 04 04.40740	11 00 17.31	+16 14 41.6	18.2 N	675
67P	2003 04 04.41723	11 00 16.94	+16 14 41.1	18.2 N	675
67P	2003 04 04.42709	11 00 16.60	+16 14 40.3	18.2 N	675
67P	2003 04 04.43671	11 00 16.31	+16 14 39.8	18.2 N	675

74P/Smirnova-Chernykh

74P	2003 06 05.69299	19 19 55.85	−25 31 57.4	17.5 T	360
74P	2003 06 05.69860	19 19 55.69	−25 31 58.6		360
74P	2003 06 11.09936	19 17 19.40	−25 43 42.3	17.7 N	620
74P	2003 06 11.10817	19 17 19.19	−25 43 43.1	17.8 N	620
74P	2003 06 11.11700	19 17 18.83	−25 43 44.0	17.8 N	620
74P	2003 06 23.34084	19 10 14.13	−26 10 11.4	16.8 T	H41
74P	2003 06 23.34640	19 10 14.19	−26 10 11.8	16.8 T	H41
74P	2003 07 06.00380	19 01 52.64	−26 35 06.0		204

77P/Longmore

77P	2003 07 18.56439	20 47 25.36	−54 20 25.0	17.8 N	E14
77P	2003 07 18.57901	20 47 24.36	−54 20 25.5	17.6 N	E14
77P	2003 07 18.59280	20 47 23.23	−54 20 27.6	17.6 N	E14
77P	2003 08 02.59333	20 27 57.77	−54 14 19.7	17.6 N	E14
77P	2003 08 02.60043	20 27 57.23	−54 14 19.0	17.9 N	E14
77P	2003 08 02.60753	20 27 56.67	−54 14 17.8	17.7 N	E14

90P/Gehrels

90P	2002 10 04.40525	05 30 49.31	+32 10 33.0	17.8 N	695
90P	2002 10 04.41196	05 30 49.55	+32 10 34.9	18.1 N	695
90P	2002 10 04.41708	05 30 49.73	+32 10 36.3	18.0 N	695

94P/Russell

94P	2002 10 03.43829	06 11 13.34	+23 43 46.4	19.9 N	695
94P	2002 10 03.44735	06 11 13.66	+23 43 46.5	20.0 N	695

100P/Hartley

100P	2003 06 05.51500	11 13 24.45	+19 34 47.5	18.8 T	360
100P	2003 06 05.51929	11 13 24.71	+19 34 41.8		360
100P	2003 06 11.87163	11 19 50.90	+17 15 41.5	18.9 N	620
100P	2003 06 19.85937	11 28 50.41	+14 20 44.3	18.5 N	620
100P	2003 06 19.87293	11 28 51.35	+14 20 26.3	18.4 N	620
100P	2003 06 22.17016	11 31 36.55	+13 30 09.0	18.9 N	448
100P	2003 06 22.17548	11 31 36.98	+13 30 02.5	18.0 N	448
100P	2003 06 22.18190	11 31 37.41	+13 29 53.8	19.1 N	448

109P/Swift-Tuttle

109P	1992 10 06.83399	12 59 25.09	+59 08 57.9	14.0 N	360
109P	1992 10 06.83559	12 59 25.77	+59 08 57.0		360
109P	1992 10 09.41345	13 20 47.29	+58 48 45.4	13.7 N	360
109P	1992 10 09.41542	13 20 48.21	+58 48 44.1		360
109P	1992 10 09.41706	13 20 49.10	+58 48 43.0		360
109P	1992 10 19.41947	14 50 41.34	+55 06 18.5	13.3 N	360
109P	1992 10 19.42101	14 50 42.12	+55 06 15.2		360
109P	1992 10 19.42267	14 50 43.04	+55 06 11.3		360
109P	1992 10 19.42500	14 50 44.35	+55 06 06.4		360
109P	1992 10 22.41705	15 17 49.03	+53 04 16.6	12.8 N	360
109P	1992 10 22.41894	15 17 50.04	+53 04 11.4		360
109P	1992 10 22.42044	15 17 50.82	+53 04 07.5		360
109P	1992 10 26.42002	15 52 33.66	+49 37 42.1	12.4 N	360
109P	1992 10 26.42164	15 52 34.46	+49 37 36.4		360
109P	1992 10 26.42332	15 52 35.31	+49 37 30.5		360
109P	1992 11 02.41875	16 46 48.21	+41 47 14.2	11.6 N	360
109P	1992 11 02.42216	16 46 49.70	+41 46 58.5		360
109P	1992 11 02.42425	16 46 50.59	+41 46 48.7		360
109P	1992 11 12.43355	17 47 47.37	+28 03 28.1	10.7 N	360
109P	1992 11 12.43542	17 47 47.93	+28 03 18.7		360
109P	1992 11 12.43668	17 47 48.33	+28 03 12.8		360
109P	1992 11 17.39323	18 11 32.30	+21 03 36.4	10.4 N	360
109P	1992 11 17.39525	18 11 32.81	+21 03 25.9		360
109P	1992 11 17.39688	18 11 33.24	+21 03 17.9		360
109P	1992 11 21.38970	18 28 10.09	+15 38 46.0	9.8 N	360
109P	1992 11 21.39144	18 28 10.48	+15 38 38.3		360
109P	1992 11 21.39294	18 28 10.83	+15 38 31.1		360
109P	1992 11 21.39479	18 28 11.26	+15 38 22.1		360
109P	1992 11 29.38183	18 56 05.21	+05 49 43.4	9.5 N	360
109P	1992 11 29.38356	18 56 05.54	+05 49 36.2		360
109P	1992 11 29.39311	18 56 07.32	+05 48 57.1		360
109P	1992 11 29.39473	18 56 07.61	+05 48 50.3		360

116P/Wild

116P	2003 05 30.97979	15 10 03.19	−21 40 42.7		204
116P	2003 05 30.98017	15 10 03.22	−21 40 41.3		204
116P	2003 05 30.98093	15 10 03.16	−21 40 42.7		204
116P	2003 05 30.98525	15 10 03.01	−21 40 41.6	14.8 N	204
116P	2003 05 30.98743	15 10 02.91	−21 40 41.2	14.3 T	204
116P	2003 05 30.98896	15 10 02.86	−21 40 41.3	15.0 N	204
116P	2003 05 30.99049	15 10 02.81	−21 40 41.3	14.3 T	204
116P	2003 05 30.99203	15 10 02.75	−21 40 40.9	14.4 T	204
116P	2003 05 30.99357	15 10 02.70	−21 40 40.8	14.8 N	204

116P	2003 06 03.91163	15 07 52.97	-21 35 12.0		048	116P	2003 06 20.96697	15 02 56.02	-21 20 22.0	14.4 N	939
116P	2003 06 03.91238	15 07 52.96	-21 35 12.0		048	116P	2003 06 20.97454	15 02 55.98	-21 20 21.6	14.4 N	939
116P	2003 06 03.91315	15 07 52.90	-21 35 11.9		048	116P	2003 06 21.91912	15 02 53.32	-21 20 08.0	14.6 N	A02
116P	2003 06 03.91389	15 07 52.90	-21 35 11.8		048	116P	2003 06 21.91972	15 02 53.16	-21 20 07.2	15.5 N	215
116P	2003 06 03.91465	15 07 52.87	-21 35 11.7		048	116P	2003 06 21.92032	15 02 53.15	-21 20 07.1	15.4 N	215
116P	2003 06 03.91541	15 07 52.88	-21 35 11.8		048	116P	2003 06 21.92081	15 02 53.15	-21 20 07.7	14.8 N	215
116P	2003 06 03.91618	15 07 52.82	-21 35 11.6		048	116P	2003 06 21.92138	15 02 53.30	-21 20 08.4	14.6 N	A02
116P	2003 06 03.91696	15 07 52.79	-21 35 11.6		048	116P	2003 06 21.92589	15 02 53.29	-21 20 09.3	14.6 N	A02
116P	2003 06 03.91771	15 07 52.80	-21 35 11.6		048	116P	2003 06 21.96242	15 02 53.04	-21 20 07.1	14.3 N	232
116P	2003 06 03.91846	15 07 52.75	-21 35 11.5		048	116P	2003 06 21.96490	15 02 53.09	-21 20 07.4	14.2 N	939
116P	2003 06 04.10843	15 07 47.04	-21 34 48.3		834	116P	2003 06 21.96500	15 02 53.07	-21 20 06.8	14.3 N	232
116P	2003 06 05.92731	15 06 54.63	-21 32 35.4	13.6 N	945	116P	2003 06 21.97012	15 02 53.03	-21 20 07.0	14.3 N	232
116P	2003 06 05.92892	15 06 54.55	-21 32 35.6	13.6 N	945	116P	2003 06 21.97245	15 02 53.08	-21 20 07.4	14.2 N	939
116P	2003 06 05.93058	15 06 54.49	-21 32 35.6	13.6 N	945	116P	2003 06 21.98005	15 02 53.08	-21 20 07.4	14.2 N	939
116P	2003 06 05.93240	15 06 54.41	-21 32 35.6	13.6 N	945	116P	2003 06 21.98191	15 02 53.23	-21 19 59.6		834
116P	2003 06 05.93374	15 06 54.36	-21 32 35.7	13.6 N	945	116P	2003 06 21.98641	15 02 53.10	-21 20 06.8	13.4 N	945
116P	2003 06 07.93823	15 06 02.08	-21 30 08.6	13.9 N	232	116P	2003 06 21.98831	15 02 53.04	-21 20 06.6	13.4 N	945
116P	2003 06 07.94079	15 06 02.02	-21 30 08.5	13.9 N	232	116P	2003 06 21.98998	15 02 53.02	-21 20 06.2	13.4 N	945
116P	2003 06 07.94860	15 06 01.81	-21 30 07.7	13.9 N	232	116P	2003 06 21.99082	15 02 53.19	-21 20 08.2	14.5 N	445
116P	2003 06 08.06334	15 05 58.98	-21 29 52.6		834	116P	2003 06 21.99147	15 02 52.94	-21 20 06.0	13.4 N	945
116P	2003 06 08.10608	15 05 57.85	-21 29 50.0		834	116P	2003 06 21.99720	15 02 53.05	-21 20 05.6	14.5 N	445
116P	2003 06 08.28162	15 05 53.41	-21 29 43.4	14.7 N	H41	116P	2003 06 22.00369	15 02 53.17	-21 19 59.5		834
116P	2003 06 08.29219	15 05 53.12	-21 29 43.0	11.5 T	H41	116P	2003 06 22.22131	15 02 52.40	-21 20 02.6	15.1 N	H41
116P	2003 06 08.45472	15 05 49.66	-21 29 26.2	14.7 N	E14	116P	2003 06 22.22852	15 02 52.41	-21 20 03.0	11.9 T	H41
116P	2003 06 08.50402	15 05 48.37	-21 29 22.8	14.7 N	E14	116P	2003 06 22.89487	15 02 52.08	-21 19 57.3	14.6 N	J97
116P	2003 06 08.53983	15 05 47.45	-21 29 20.3	14.7 N	E14	116P	2003 06 22.89669	15 02 52.06	-21 19 57.4	14.6 N	J97
116P	2003 06 09.23363	15 05 31.38	-21 28 41.1	11.3 T	H41	116P	2003 06 22.89838	15 02 52.03	-21 19 57.5	14.6 N	J97
116P	2003 06 09.23823	15 05 31.27	-21 28 40.7	15.2 N	H41	116P	2003 06 22.91382	15 02 51.89	-21 19 57.6	14.6 N	213
116P	2003 06 09.90940	15 05 16.48	-21 27 58.0		048	116P	2003 06 22.91485	15 02 51.92	-21 19 57.4	14.6 N	213
116P	2003 06 09.91017	15 05 16.46	-21 27 57.9		048	116P	2003 06 22.91588	15 02 51.91	-21 19 57.8	14.6 N	213
116P	2003 06 09.91094	15 05 16.43	-21 27 57.8		048	116P	2003 06 23.15984	15 02 51.78	-21 19 54.8	12.0 T	H41
116P	2003 06 09.91172	15 05 16.45	-21 27 58.2		048	116P	2003 06 23.26123	15 02 51.56	-21 19 53.2	15.6 N	H41
116P	2003 06 09.91249	15 05 16.42	-21 27 58.0		048	116P	2003 06 24.04411	15 02 52.34	-21 19 44.2		834
116P	2003 06 09.91325	15 05 16.36	-21 27 57.8		048	116P	2003 06 24.14427	15 02 52.48	-21 19 50.7	11.7 T	H41
116P	2003 06 09.91400	15 05 16.38	-21 27 57.7		048	116P	2003 06 25.14927	15 02 54.64	-21 19 49.7	11.8 T	H41
116P	2003 06 09.91480	15 05 16.38	-21 27 57.8		048	116P	2003 06 25.25722	15 02 54.78	-21 19 49.9	15.7 N	H41
116P	2003 06 09.91560	15 05 16.35	-21 27 57.5		048	116P	2003 06 27.18190	15 03 04.38	-21 20 07.0	15.6 N	H41
116P	2003 06 09.91637	15 05 16.29	-21 27 57.5		048	116P	2003 06 27.18638	15 03 04.39	-21 20 07.1	12.1 T	H41
116P	2003 06 10.89582	15 04 56.03	-21 26 57.0		619	116P	2003 06 28.18065	15 03 11.15	-21 20 19.1	15.4 N	H41
116P	2003 06 10.89630	15 04 56.07	-21 26 57.0		619	116P	2003 06 28.90573	15 03 18.03	-21 20 38.3	14.9 N	A02
116P	2003 06 10.89679	15 04 56.07	-21 26 57.6		619	116P	2003 06 28.91023	15 03 18.04	-21 20 38.6	14.8 N	A02
116P	2003 06 10.89728	15 04 56.03	-21 26 57.4		619	116P	2003 06 28.91528	15 03 18.08	-21 20 38.8	14.8 N	445
116P	2003 06 16.86517	15 03 25.08	-21 22 11.0		048	116P	2003 06 28.91700	15 03 18.07	-21 20 39.0	14.9 N	A02
116P	2003 06 16.86672	15 03 25.09	-21 22 11.2		048	116P	2003 06 28.91940	15 03 18.09	-21 20 39.3	14.7 N	445
116P	2003 06 16.86825	15 03 25.03	-21 22 11.1		048	116P	2003 06 29.16292	15 03 20.11	-21 20 42.4	15.4 N	H41
116P	2003 06 16.86977	15 03 25.07	-21 22 10.9		048	116P	2003 06 29.52292	15 03 23.81	-21 20 50.9		349
116P	2003 06 16.87132	15 03 25.04	-21 22 11.1		048	116P	2003 06 29.52399	15 03 23.82	-21 20 50.7		349
116P	2003 06 18.97670	15 03 06.77	-21 21 06.8	13.7 N	945	116P	2003 06 29.52574	15 03 23.87	-21 20 51.0		349
116P	2003 06 18.98189	15 03 06.71	-21 21 06.0	13.7 N	945	116P	2003 06 29.52831	15 03 23.85	-21 20 51.4		349
116P	2003 06 18.98429	15 03 06.66	-21 21 05.7	13.7 N	945	116P	2003 06 29.52962	15 03 23.87	-21 20 51.0	13.6 T	349
116P	2003 06 19.28293	15 03 04.32	-21 20 55.1	15.0 N	H41	116P	2003 06 29.88032	15 03 27.69	-21 21 00.8	14.6 N	213
116P	2003 06 19.88917	15 03 00.92	-21 20 42.1	14.0 N	235	116P	2003 06 29.88708	15 03 27.70	-21 21 02.4	14.3 N	235
116P	2003 06 20.95941	15 02 56.04	-21 20 22.8	14.4 N	939	116P	2003 06 29.95903	15 03 28.43	-21 21 02.4	14.7 N	212

2003 AUG. 6

M.P.C. 49275

116P	2003 06 29.96181	15 03 28.45	-21 21 02.5	14.7 N	212
116P	2003 06 29.96470	15 03 28.49	-21 21 03.0	14.7 N	212
116P	2003 06 30.10028	15 03 30.08	-21 21 07.2	16.0 T	H72
116P	2003 06 30.10167	15 03 30.13	-21 21 06.9	14.8 T	H72
116P	2003 06 30.10323	15 03 30.14	-21 21 06.3	14.2 T	H72
116P	2003 06 30.16999	15 03 30.62	-21 21 08.0	15.5 N	H41
116P	2003 06 30.84108	15 03 38.67	-21 21 27.6	16.2 N	162
116P	2003 06 30.86262	15 03 38.95	-21 21 30.0	16.2 N	162
116P	2003 06 30.92936	15 03 39.75	-21 21 32.2		170
116P	2003 07 01.13442	15 03 42.41	-21 21 38.1	14.1 T	H72
116P	2003 07 01.13628	15 03 42.43	-21 21 37.9	15.5 T	H72
116P	2003 07 01.89435	15 03 52.65	-21 22 05.3	14.6 N	939
116P	2003 07 01.90192	15 03 52.73	-21 22 05.3	14.7 N	939
116P	2003 07 01.90951	15 03 52.79	-21 22 04.9	14.7 N	939
116P	2003 07 02.16993	15 03 56.40	-21 22 14.7	14.9 N	H41
116P	2003 07 04.21921	15 04 29.07	-21 23 43.5	14.8 N	H41
116P	2003 07 04.22723	15 04 29.22	-21 23 43.3	14.9 N	H41
116P	2003 07 04.99994	15 04 43.37	-21 24 23.9	14.9 N	212
116P	2003 07 05.00336	15 04 43.29	-21 24 23.7	14.9 N	212
116P	2003 07 06.93894	15 05 22.88	-21 26 15.2	14.9 N	458
116P	2003 07 06.94575	15 05 23.09	-21 26 14.7	15.0 N	458
116P	2003 07 07.89666	15 05 44.31	-21 27 17.2	14.6 N	J97
116P	2003 07 07.89814	15 05 44.39	-21 27 17.3	14.6 N	J97
116P	2003 07 07.90109	15 05 44.49	-21 27 17.5	14.6 N	J97
116P	2003 07 11.15508	15 07 07.81	-21 31 20.5	13.4 N	H41
116P	2003 07 11.15838	15 07 07.81	-21 31 20.0	13.3 N	H41
116P	2003 07 11.88316	15 07 28.23	-21 32 23.7	14.4 N	213
116P	2003 07 11.88730	15 07 28.45	-21 32 20.8	14.4 N	213
116P	2003 07 11.88832	15 07 28.60	-21 32 21.1	14.4 N	213
116P	2003 07 14.86125	15 09 00.84	-21 36 53.7		5 118
116P	2003 07 14.87177	15 09 01.16	-21 36 54.9	16.5 N	5 118
116P	2003 07 15.48492	15 09 21.77	-21 38 00.8		340
116P	2003 07 15.48740	15 09 22.08	-21 37 57.9		340
116P	2003 07 15.49049	15 09 22.03	-21 37 59.0	14.6 T	340
116P	2003 07 15.85404	15 09 34.37	-21 38 35.8		118
116P	2003 07 15.86321	15 09 34.67	-21 38 36.8		118
116P	2003 07 15.87134	15 09 34.90	-21 38 37.5	16.7 N	118
116P	2003 07 16.15646	15 09 44.68	-21 39 07.3	14.8 N	H41
116P	2003 07 16.16139	15 09 44.83	-21 39 06.0	14.8 N	H41
116P	2003 07 18.87200	15 11 24.24	-21 44 05.8	15.5 N	939
116P	2003 07 18.87498	15 11 24.34	-21 44 04.5	15.1 N	232
116P	2003 07 18.87681	15 11 24.42	-21 44 06.2	15.5 N	939
116P	2003 07 18.88172	15 11 24.61	-21 44 06.1	15.5 N	939
116P	2003 07 19.85174	15 12 02.47	-21 46 01.1	15.0 N	235
116P	2003 07 25.85507	15 16 22.46	-21 59 01.9	15.0 N	232
116P	2003 07 25.86281	15 16 22.85	-21 59 03.0	15.0 N	232
116P	2003 07 27.86809	15 17 59.53	-22 03 53.2	15.2 N	939
116P	2003 07 27.87572	15 17 59.89	-22 03 54.2	15.3 N	939
116P	2003 07 27.88331	15 18 00.25	-22 03 55.0	15.3 N	939
116P	2003 08 01.86832	15 22 19.67	-22 16 46.8	15.4 N	232
116P	2003 08 01.87090	15 22 20.07	-22 16 47.4	15.4 N	232
116P	2003 08 02.39753	15 22 49.05	-22 18 08.5	15.8 N	E14
116P	2003 08 02.40747	15 22 49.55	-22 18 10.9	15.6 N	E14

116P	2003 08 02.41741	15 22 50.10	-22 18 13.0	15.5 N	E14
116P	2003 08 03.84289	15 24 10.15	-22 22 12.2	15.0 N	213
116P	2003 08 03.84387	15 24 10.21	-22 22 12.0	15.0 N	213
116P	2003 08 03.84486	15 24 10.16	-22 22 12.0	15.0 N	213
116P	2003 08 04.11703	15 24 25.69	-22 22 58.1	15.3 N	H41
123P/West-Hartley					
123P	2002 09 14.37119	03 22 41.02	+15 48 47.4	20.5 T	695
123P	2002 09 14.42138	03 22 40.92	+15 48 52.6	20.4 T	695
152P/Helin-Lawrence					
152P	2003 06 25.32345	20 14 45.01	-24 46 50.8	17.6 T	704
152P	2003 06 25.33346	20 14 44.79	-24 46 55.3	18.7 T	704
152P	2003 06 25.34360	20 14 44.46	-24 47 00.3	18.5 T	704
152P	2003 06 25.35374	20 14 44.10	-24 47 01.2	18.5 T	704
152P	2003 06 25.36373	20 14 43.74	-24 47 04.9	18.2 T	704
152P	2003 06 27.33077	20 13 47.27	-24 56 26.7	17.6 T	704
152P	2003 06 27.34062	20 13 46.92	-24 56 31.1	18.9 T	704
152P	2003 06 27.35045	20 13 46.59	-24 56 34.4	19.4 T	704
152P	2003 06 27.36028	20 13 46.30	-24 56 38.6	18.3 T	704
152P	2003 07 02.32090	20 11 08.37	-25 20 35.9	17.6 T	704
152P	2003 07 02.33099	20 11 07.98	-25 20 40.7	18.2 T	704
152P	2003 07 02.34116	20 11 07.63	-25 20 43.5	18.0 T	704
152P	2003 07 02.35101	20 11 07.28	-25 20 46.4	18.1 T	704
152P	2003 07 02.36085	20 11 06.89	-25 20 49.3	18.0 T	704
152P	2003 07 03.62877	20 10 23.18	-25 26 52.5	16.9 N	428
152P	2003 07 03.64973	20 10 22.45	-25 26 58.7	16.6 N	428
152P	2003 07 11.02393	20 05 48.66	-26 02 20.9		204
152P	2003 07 11.02547	20 05 48.62	-26 02 21.8		204
152P	2003 07 11.02701	20 05 48.50	-26 02 22.2		204
152P	2003 07 11.03054	20 05 48.40	-26 02 22.5	16.3 T	204
152P	2003 07 11.03256	20 05 48.33	-26 02 23.4		204
152P	2003 07 11.03643	20 05 48.17	-26 02 24.1		204

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

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

568	Mauna Kea. Observers S. S. Sheppard, D. C. Jewitt, J. Kleyna, Measurer S. S. Sheppard. 3.6-m Canada-France-Hawaii telescope + CCD, 8.3-m Subaru telescope + CCD.					
608	Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, P. Kervin, J. Africano, R. Maeda, R. Bamberg, E. Helin. 1.2-m reflector + CCD.					
Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
S/2003 J 1	2003 04 30.24543	08 47 22.16	+19 14 46.1			568
S/2003 J 1	2003 04 30.26281	08 47 22.43	+19 14 45.0			568
S/2003 J 1	2003 04 30.28021	08 47 22.68	+19 14 44.0			568
Jupiter VII	2003 04 30.24256	08 45 09.27	+18 50 38.7			568
Jupiter VII	2003 04 30.27733	08 45 10.04	+18 50 36.6			568
Jupiter VIII	2003 02 18.53008	08 46 16.75	+17 57 48.9	17.5		608

Jupiter VIII	2003 02 18.54057	08 46 16.46	+17 57 50.3	17.4	608
Jupiter VIII	2003 02 18.55092	08 46 16.15	+17 57 51.8	17.5	608
Jupiter XII	2003 06 02.25296	08 55 50.46	+17 44 08.1		568
Jupiter XII	2003 06 02.28686	08 55 51.72	+17 44 03.7		568
Jupiter XVII	2003 04 30.30119	08 44 59.55	+18 15 29.4		568
Jupiter XVII	2003 04 30.33606	08 45 00.37	+18 15 27.4		568
Uranus XVI	2003 07 26.56862	22 16 57.16	−11 24 47.3		568
Uranus XVI	2003 07 26.62576	22 16 56.74	−11 24 49.9		568
Uranus XVIII	2003 07 26.56862	22 17 22.36	−11 36 57.6		568
Uranus XVIII	2003 07 26.62576	22 17 21.90	−11 37 00.0		568
Uranus XIX	2003 07 26.56862	22 16 21.74	−11 25 54.4	23.5 R	568
Uranus XIX	2003 07 26.62576	22 16 21.32	−11 25 56.6		568

OBSERVATIONS OF PLUTO

Observations are published here for the following observatory codes:

- 185 Vicques. Observers M. Ory, F. Pedrocchi, T. Scheder. 0.61-m $f/4.08$ reflector + CCD.
- 204 Schiaparelli Observatory. Observer L. Buzzi. Measurers L. Buzzi, A. Aletti. 0.60-m $f/4.64$ Newtonian + CCD.
- 300 Bisei Spaceguard Center–BATTeRS. Observers A. Asami, D. J. Asher, T. Fuse, N. Hashimoto, A. I. Ibrahim, S. Isobe, K. Nishiyama, Y. Oshima, J. Terazono, H. Umehara, T. Urata, M. Yoshikawa. 0.5-m $f/2.0$ 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	2003 06 05.59084		17 14 01.83	−13 27 03.4	15.4 V	300
Pluto	2003 06 05.59745		17 14 01.78	−13 27 03.7	15.3 V	300
Pluto	2003 06 05.60406		17 14 01.74	−13 27 03.6	15.1 V	300
Pluto	2003 06 05.61064		17 14 01.72	−13 27 03.6	15.3 V	300
Pluto	2003 06 05.61723		17 14 01.65	−13 27 03.5	15.3 V	300
Pluto	2003 06 06.99230		17 13 52.77	−13 26 59.8	13.4 R	938
Pluto	2003 06 08.96143		17 13 39.96	−13 26 54.8	13.9 R	938
Pluto	2003 06 28.97638		17 11 32.12	−13 27 18.0	13.8 R	938
Pluto	2003 07 05.99334		17 10 50.49	−13 27 59.4	14.0 R	204
Pluto	2003 07 08.02076		17 10 38.99	−13 28 14.0	13.7 R	938
Pluto	2003 07 08.93791		17 10 33.83	−13 28 21.9	14.1 R	I 204
Pluto	2003 07 08.94845		17 10 33.80	−13 28 21.8	13.9 R	I 204
Pluto	2003 07 10.93188		17 10 22.92	−13 28 38.6	14.1 R	185
Pluto	2003 07 10.96608		17 10 22.74	−13 28 38.9	14.1 R	185
Pluto	2003 07 11.00177		17 10 22.55	−13 28 39.3	14.2 R	185
Pluto	2003 07 15.97140		17 09 56.59	−13 29 27.3	13.8 R	938
Pluto	2003 07 19.89833		17 09 37.46	−13 30 11.8	13.8 R	185
Pluto	2003 07 19.92154		17 09 37.35	−13 30 12.2	13.9 R	185
Pluto	2003 07 19.94758		17 09 37.22	−13 30 12.5	13.9 R	185
Pluto	2003 07 22.88034		17 09 23.77	−13 30 48.8	13.9 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]

C/2002 L9 (NEAT)

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

T	2004 Apr. 5.9832 TT		MPC	
q	7.033294	(2000.0)	P	Q
z	+0.000210	ω 231.4258	+0.4870326	−0.0586231
	± 0.000004	Ω 110.4573	−0.1546585	+0.9761881
e	0.998524	i 68.4459	−0.8595813	−0.2088541

From 66 observations 2002 June 6–2003 Aug. 2, mean residual 0''.5.

C/2002 P1 (NEAT)

Epoch 2001 Nov. 27.0 TT = JDT 2452240.5

T	2001 Nov. 23.6035 TT		MPC	
q	6.530809	(2000.0)	P	Q
z	+0.002378	ω 347.8014	+0.5051108	+0.7479015
	± 0.000008	Ω 310.6727	−0.7364161	+0.1132491
e	0.984468	i 34.6025	−0.4500605	+0.6540780

From 68 observations 2002 June 24–2003 July 7, mean residual 0''.8.

C/2003 E1 (NEAT)

Epoch 2004 Feb. 5.0 TT = JDT 2453040.5

T	2004 Feb. 13.6332 TT		MPC	
q	3.245045	(2000.0)	P	Q
n	0.0193920	ω 103.8634	−0.3757571	+0.8468767
a	13.721077	Ω 137.0688	−0.9067114	−0.4198907
e	0.763499	i 33.5375	+0.1915230	−0.3263305
P	50.8			

From 129 observations 2003 Mar. 9–July 6, mean residual 0''.6.

C/2003 F1 (LINEAR)

Epoch 2003 June 10.0 TT = JDT 2452800.5

T	2003 June 28.4234 TT		MPC	
q	4.007834	(2000.0)	P	Q
n	0.0104948	ω 121.1818	−0.3119140	+0.1375361
a	20.661125	Ω 87.4880	−0.7831675	−0.5974212
e	0.806021	i 70.2214	+0.5379203	−0.7900454
P	93.9			

From 1068 observations 2003 Mar. 23–Aug. 4, mean residual 0''.6.

C/2003 G1 (LINEAR)

Epoch 2003 Feb. 10.0 TT = JDT 2452680.5

T	2003 Feb. 3.6604 TT		MPC	
q	4.916301	(2000.0)	P	Q
z	−0.000254	ω 11.4224	−0.3260817	+0.4324639
	± 0.000005	Ω 246.0920	−0.9235258	−0.3356614
e	1.001250	i 66.8559	−0.2019176	+0.8368431

From 954 observations 2003 Apr. 8–Aug. 4, mean residual 0''.6.

2003 AUG. 6

M.P.C. 49277

C/2003 H1 (LINEAR)

Epoch 2004 Feb. 5.0 TT = JDT 2453040.5

<i>T</i>	2004 Feb. 22.6097 TT		MPC	
<i>q</i>	2.239691	(2000.0)	P	Q
<i>z</i>	+0.000277	ω 196.1344	−0.9762140	+0.0279147
	±0.000008	Ω 18.9997	−0.0329105	+0.9611062
<i>e</i>	0.999381	<i>i</i> 138.6689	−0.2142968	−0.2747648

From 1241 observations 2003 Apr. 24–Aug. 4, mean residual 0^{''}.6.**C/2003 H2 (LINEAR)**

Epoch 2003 May 1.0 TT = JDT 2452760.5

<i>T</i>	2003 May 17.9712 TT		MPC	
<i>q</i>	2.178547	(2000.0)	P	Q
<i>z</i>	+0.026172	ω 155.0830	−0.2727964	+0.1684437
	±0.000000	Ω 79.8376	−0.9617490	−0.0732477
<i>e</i>	0.942983	<i>i</i> 74.2190	+0.0249190	−0.9829860

From 180 observations 2003 Apr. 24–Aug. 2, mean residual 0^{''}.7.**C/2003 H3 (NEAT)**

Epoch 2003 May 1.0 TT = JDT 2452760.5

<i>T</i>	2003 Apr. 24.2448 TT		MPC	
<i>q</i>	2.901446	(2000.0)	P	Q
<i>z</i>	+0.000120	ω 6.4814	+0.0727037	+0.7300058
	±0.000005	Ω 269.4176	−0.9428580	−0.1718376
<i>e</i>	0.999651	<i>i</i> 42.8122	−0.3251660	+0.6614857

From 509 observations 2003 Apr. 30–Aug. 4, mean residual 0^{''}.6.**P/2003 H4 (LINEAR)**

Epoch 2003 May 1.0 TT = JDT 2452760.5

<i>T</i>	2003 May 14.3025 TT		MPC	
<i>q</i>	1.703111	(2000.0)	P	Q
<i>n</i>	0.1615102	ω 10.4463	−0.5476988	+0.8052842
<i>a</i>	3.339407	Ω 226.7935	−0.7883485	−0.5875871
<i>e</i>	0.489996	<i>i</i> 18.1482	−0.2802369	+0.0791126
<i>P</i>	6.10			

From 189 observations 2003 Apr. 29–Aug. 2, mean residual 0^{''}.6.**C/2003 H5 (SOHO)***T* 2003 Apr. 27.48 TT

<i>q</i>	0.0351	(2000.0)	P	Q
		ω 56.64	−0.11744	−0.38375
		Ω 75.17	+0.23570	−0.90674
<i>e</i>	1.0	<i>i</i> 71.35	+0.96470	+0.17482

From 16 observations 2003 Apr. 27.

C/2003 H6 (SOHO)*T* 2003 Apr. 30.56 TT

<i>q</i>	0.0264	(2000.0)	P	Q
		ω 80.67	+0.71388	+0.56995
		Ω 243.47	−0.67174	+0.72151
<i>e</i>	1.0	<i>i</i> 27.05	+0.19785	+0.39317

From 11 observations 2003 Apr. 30.

C/2003 H7 (SOHO)*T* 2003 Apr. 30.57 TT

<i>q</i>	0.0266	(2000.0)	P	Q
		ω 82.57	+0.71899	+0.55700
		Ω 242.66	−0.65930	+0.73587
<i>e</i>	1.0	<i>i</i> 27.90	+0.21995	+0.38502

From 28 observations 2003 Apr. 30.

P/2003 HT₁₅ (LINEAR)

Epoch 2003 May 1.0 TT = JDT 2452760.5

<i>T</i>	2003 Apr. 17.6844 TT		MPC	
<i>q</i>	2.671492	(2000.0)	P	Q
<i>n</i>	0.0997369	ω 124.0394	−0.8087704	+0.3674006
<i>a</i>	4.605027	Ω 81.4732	−0.5611286	−0.7159110
<i>e</i>	0.419875	<i>i</i> 27.6701	+0.1761397	−0.5937072
<i>P</i>	9.88			

From 40 observations 2003 Jan. 27–July 4, mean residual 0^{''}.8.**C/2003 J1 (NEAT)**

Epoch 2003 Oct. 8.0 TT = JDT 2452920.5

<i>T</i>	2003 Oct. 10.6844 TT		MPC	
<i>q</i>	5.125540	(2000.0)	P	Q
<i>z</i>	+0.001641	ω 196.0393	+0.4758869	−0.2644030
	±0.000077	Ω 122.0335	−0.6582079	+0.5255183
<i>e</i>	0.991589	<i>i</i> 98.3170	−0.5833472	−0.8086542

From 42 observations 2003 May 13–July 29, mean residual 0^{''}.5.**C/2003 K1 (Spacewatch)***T* 2002 Dec. 21.5847 TT

<i>q</i>	2.089543	(2000.0)	P	Q
<i>z</i>	+0.021498	ω 314.6471	+0.1892702	−0.6660553
		Ω 250.0709	−0.5315938	−0.6872842
<i>e</i>	0.955078	<i>i</i> 129.8747	−0.8255815	+0.2898461

From 49 observations 2003 May 23–June 20.

P/2003 K2 (Christensen)*T* 2003 Apr. 7.8527 TT

<i>q</i>	0.549207	(2000.0)	P	Q
<i>n</i>	0.1714333	ω 345.5363	+0.1793186	−0.9679836
<i>a</i>	3.209268	Ω 93.9068	+0.9192001	+0.1012259
<i>e</i>	0.828869	<i>i</i> 10.1402	+0.3505937	+0.2296978
<i>P</i>	5.75			

From 207 observations 2003 May 26–June 29.

P/2003 KV₂ (LINEAR)*T* 2003 July 10.8481 TT

<i>q</i>	1.063011	(2000.0)	P	Q
<i>n</i>	0.2030178	ω 188.7415	−0.2698716	+0.8781050
<i>a</i>	2.867125	Ω 66.4101	−0.8553299	−0.0301599
<i>e</i>	0.629242	<i>i</i> 25.5389	−0.4422444	−0.4775164
<i>P</i>	4.85			

From 157 observations 2003 May 23–Aug. 2.

C/2003 K4 (LINEAR)

<i>T</i>	2004 Oct. 13.7719 TT		MPC	
<i>q</i>	1.022922	(2000.0)	P	Q
	ω	198.4627	−0.9693764	+0.0882985
	Ω	18.6579	+0.0039143	+0.9385623
<i>e</i>	1.0	<i>i</i> 134.2502	−0.2455486	−0.3336229

From 567 observations 2003 May 28–Aug. 4.

C/2003 K5 (SOHO)

<i>T</i>	2003 May 21.35 TT		MPC	
<i>q</i>	0.0348	(2000.0)	P	Q
	ω	55.74	−0.08495	−0.38907
	Ω	74.11	+0.24564	−0.90037
<i>e</i>	1.0	<i>i</i> 72.50	+0.96563	+0.19481

From 16 observations 2003 May 21.

C/2003 K6 (SOHO)

<i>T</i>	2003 May 30.12 TT		MPC	
<i>q</i>	0.0372	(2000.0)	P	Q
	ω	56.44	−0.09346	−0.39933
	Ω	73.67	+0.23853	−0.89834
<i>e</i>	1.0	<i>i</i> 71.87	+0.96663	+0.18307

From 9 observations 2003 May 30.

P/2003 L1 (Scotti)

Epoch 2003 Mar. 22.0 TT = JDT 2452720.5				
<i>T</i>	2003 Mar. 7.6754 TT		MPC	
<i>q</i>	5.009723	(2000.0)	P	Q
<i>n</i>	0.0568636	ω 355.1927	−0.7513088	+0.6502215
<i>a</i>	6.697506	Ω 226.0386	−0.6001441	−0.7443143
<i>e</i>	0.252002	<i>i</i> 9.0242	−0.2745216	−0.1523426
<i>P</i>	17.3			

From 66 observations 2002 Apr. 5–2003 June 18, mean residual 0″.4.

C/2003 L2 (LINEAR)

<i>T</i>	2004 Jan. 19.2804 TT		MPC	
<i>q</i>	2.863809	(2000.0)	P	Q
<i>z</i>	+0.006598	ω 119.8755	+0.0888930	−0.1224813
		Ω 273.5503	+0.1213539	+0.9863492
<i>e</i>	0.981105	<i>i</i> 82.0473	+0.9886209	−0.1100620

From 172 observations 2003 June 12–Aug. 4.

C/2003 O1 (LINEAR)

<i>T</i>	2004 Mar. 16.653 TT		MPC	
<i>q</i>	6.84714	(2000.0)	P	Q
	ω	81.617	+0.042971	−0.980995
	Ω	347.628	−0.792113	+0.081965
<i>e</i>	1.0	<i>i</i> 117.977	+0.608860	+0.175869

From 136 observations 2003 July 19–Aug. 4.

P/2003 O2 (LINEAR)

<i>T</i>	2003 Sept. 5.203 TT		MPC	
<i>q</i>	1.50663	(2000.0)	P	Q
<i>n</i>	0.110855	ω 32.338	+0.951583	−0.300030
<i>a</i>	4.29174	Ω 344.685	+0.199305	+0.767830
<i>e</i>	0.64895	<i>i</i> 14.666	+0.234024	+0.566056
<i>P</i>	8.89			

From 68 observations 2003 July 29–Aug. 5.

P/2003 O3 (LINEAR)

<i>T</i>	2003 Aug. 13.955 TT		MPC	
<i>q</i>	1.25725	(2000.0)	P	Q
<i>n</i>	0.151292	ω 0.662	+0.955071	+0.292808
<i>a</i>	3.48812	Ω 342.106	−0.272602	+0.807157
<i>e</i>	0.63956	<i>i</i> 8.583	−0.116308	+0.512603
<i>P</i>	6.51			

From 110 observations 2003 July 30–Aug. 5.

42P/Neujmin

Epoch 2004 July 14.0 TT = JDT 2453200.5				
<i>T</i>	2004 July 15.9577 TT		MPC	
<i>q</i>	2.014907	(2000.0)	P	Q
<i>n</i>	0.0921063	ω 147.1582	+0.4630448	+0.8856691
<i>a</i>	4.855976	Ω 150.3836	−0.8274540	+0.4458480
<i>e</i>	0.585066	<i>i</i> 3.9854	−0.3176624	+0.1296527
<i>P</i>	10.7			

From 22 observations 1993–2003, mean residual 0″.6.

S/2003 J 1

Epoch 2003 June 10.0 TT = JDT 2452800.5				
<i>M</i>	87.23435	(2000.0)	P	Q
<i>n</i>	0.47462553	ω 343.76977	−0.58084393	−0.79382601
<i>a</i>	0.1602771	Ω 218.77898	−0.71121049	+0.38723288
<i>e</i>	0.3329499	<i>i</i> 163.28193	−0.39597976	+0.46892533
<i>P</i>	758.49 d	<i>H</i> 16.0	<i>G</i> 0.15	

From 19 observations 2003 Feb. 5–Apr. 30, mean residual 0″.34.

Jupiter XVII (Callirrhoe)

Epoch 2003 June 10.0 TT = JDT 2452800.5				
<i>M</i>	325.92115	(2000.0)	P	Q
<i>n</i>	0.46635089	ω 40.74152	−0.31470411	−0.74629729
<i>a</i>	0.1621675	Ω 284.39646	−0.94899352	+0.25995020
<i>e</i>	0.2767788	<i>i</i> 142.73293	+0.01930342	+0.61275300
<i>P</i>	771.95 d	<i>H</i> 14.1	<i>G</i> 0.15	

From 53 observations 1999 Oct. 6–2003 Apr. 30, mean residual 0″.28.

Uranus XVI (Caliban)

Epoch 2003 June 10.0 TT = JDT 2452800.5				
<i>M</i>	86.16932	(2000.0)	P	Q
<i>n</i>	0.62119924	ω 339.01439	−0.95342798	−0.29668513
<i>a</i>	0.0479018	Ω 175.16419	−0.08626325	+0.44085747
<i>e</i>	0.0802042	<i>i</i> 139.86302	−0.28902203	+0.84712610
<i>P</i>	579.52 d	<i>H</i> 9.0	<i>G</i> 0.15	

From 73 observations 1984 June 2–2003 July 26, mean residual 0″.37.

Uranus XVIII (Prospero)

Epoch 2003 June 10.0 TT = JDT 2452800.5

MPC

<i>M</i>	115.50085		(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.18203486	ω	173.47211	-0.82355574	+0.44205828
<i>a</i>	0.1085765	Ω	320.17106	+0.49210321	+0.86845928
<i>e</i>	0.3223253	<i>i</i>	146.29275	+0.28211764	-0.22441690
<i>P</i>	1977.64 d	<i>H</i>	10.5	<i>G</i>	0.15

From 36 observations 1999 July 18–2003 July 26, mean residual 0".42.

Uranus XIX (Setebos)

Epoch 2003 June 10.0 TT = JDT 2452800.5

MPC

<i>M</i>	20.48759		(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.16166066	ω	2.61501	-0.37294632	-0.76844310
<i>a</i>	0.1175176	Ω	250.27549	-0.86099983	+0.07773697
<i>e</i>	0.5613129	<i>i</i>	146.46691	-0.34581836	+0.63517885
<i>P</i>	2226.89 d	<i>H</i>	10.6	<i>G</i>	0.15

From 47 observations 1999 July 18–2003 July 26, mean residual 0".37.

NEW NAMES OF MINOR PLANETS**(4028) Pancratz = 1982 DV₂**

Discovered 1982 Feb. 18 by L. G. Taff at Socorro.

After dreaming of going into space for 30 years, Chris Pancratz (1950–2003) has as a member of the Board of Directors of the U.S. National Space Society since 1998 served as chair of the executive committee, acting executive director, NSS Activist of the Year, vice president of public affairs and editor of the chapter handbook.

(4360) Xuyi = 1964 TG₂

Discovered 1964 Oct. 9 at the Purple Mountain Observatory.

The Chinese words *Xu Yi* mean “to enjoy a distant view with eyes wide open”. Xuyi is an ancient community some 100 km north-northwest of Nanjing. The Purple Mountain Observatory is now establishing an observing station there.

(7238) Kobori = 1989 OA

Discovered 1989 July 27 by Y. Mizuno and T. Furuta at Kani.

Akira Kobori (1904–1992), professor of mathematics at Kyoto University and president of the Kyoto prefectural university, contributed to the study of multivalent functions and history of mathematics.

(7499) L'Aquila = 1996 OO₂

Discovered 1996 July 24 by A. Boattini and A. Di Paola at Campo Imperatore.

L'Aquila is a medieval town of about 53 000 people in central Italy, near the Gran Sasso massif where the Campo Imperatore station is located. The first town of the Abruzzo region, it contains many fine examples of Romanesque and Renaissance art, such as the S. Maria di Collemaggio and the Fountain of 99 Spouts.

(7682) Miura = 1997 CY₁₉

Discovered 1997 Feb. 12 by T. Kobayashi at Oizumi.

Katsumi Miura (b. 1953), technical official of the Earthquake Research Institute of the University of Tokyo, is an amateur astronomer and a lover of space development. He served as director of the Hiroshima Chapter of the Young Astronauts Club from 1988 to 1999.

(7710) Ishibashi = 1994 WT₂

Discovered 1994 Nov. 30 by T. Kobayashi at Oizumi.

Tadashi Ishibashi (b. 1926), retired sea captain, became interested in stars in 1936 and has observed meteors since 1940. Since 1947 he has collected and studied ancient documents about the stars. Currently he lectures on star topics aboard large passenger ships.

(7713) Tsutomu = 1995 YE

Discovered 1995 Dec. 17 by T. Kobayashi at Oizumi.

Tsutomu Ishibashi (b. 1949), a Japanese amateur astronomer, has been using the same 0.1-m reflector to photograph Mars, Jupiter and Saturn since 1971 in order to maintain uniformity in the data contained in the images.

(7717) Tabeisshi = 1997 AL₅

Discovered 1997 Jan. 7 by T. Kobayashi at Oizumi.

Japanese amateur astronomer Isshi Tabe (b. 1956) has observed Jupiter and other planets for over 25 years and has published many articles about planets. In 1997 he was given a Magellan Award by the Oriental Astronomical Association. He is also well-known as a planetarium program producer.

(7797) Morita = 1996 BK₂

Discovered 1996 Jan. 26 by T. Kobayashi at Oizumi.

Yukio Morita (b. 1952), a dentist in Hiroshima, is an expert on planetary photography and one of the most active members of the Mars section of the Oriental Astronomical Association.

(7802) Takiguchi = 1996 XG₁

Discovered 1996 Dec. 2 by T. Kobayashi at Oizumi.

Setsuo Takiguchi (1924–1998) played the leading role in founding the Hiroshima Children's Museum in 1980 and served as its director until 1982. Further, as a dramatist, he greatly contributed to the production of the museum's planetarium shows until 1996.

(7803) Adachi = 1997 EW₂

Discovered 1997 Mar. 4 by T. Kobayashi at Oizumi.

Makoto Adachi (b. 1953), an elementary school teacher in Kyoto, has continued regular visual observations of Jupiter and other planets since 1969. He is also director of the Oriental Astronomical Association in charge of the association's activities.

(7844) Horikawa = 1995 YL₁

Discovered 1995 Dec. 21 by T. Kobayashi at Oizumi.

Kuniaki Horikawa (b. 1958), a computer systems engineer in Yokohama, started Jupiter observations in 1974, and he has obtained more than 3000 drawings and 8200 central-meridian transit timings. Since 2001 he has served as director of the Jupiter-Saturn Section of the Oriental Astronomical Association.

(8881) Prialnik = 1993 FW₃₆

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

Dina Prialnik is a leading expert in the modeling of the thermal evolution of cometary nuclei. She is also known for her work on white dwarfs and the mechanisms of nova outbursts.

(9055) Edvardsson = 1992 DP₈

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

Uppsala astronomer Bengt Edvardsson (b. 1956) has made significant contributions to the study of abundances of many elements in star atmospheres, especially in the Galactic disk.

(9056) Piskunov = 1992 EQ₁₄

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

Nikolai Piskunov (b.1957), professor of astronomy at Uppsala Astronomical Observatory, has made fundamental contributions to our knowledge of physical and chemical surface structures on stars, especially the influence of magnetic fields.

(9073) Yoshinori = 1994 ER

Discovered 1994 Mar. 4 by T. Kobayashi at Oizumi.

Yoshinori Kobayashi (b.1929), professor emeritus at Hiroshima University and professor at Tokushima Bunri University, is an expert in the study of the Japanese language. He received the Japan Academy Award and the Imperial Award for his pioneering studies of stylus-impressed documents.

(9091) Ishidatakaki = 1995 VK

Discovered 1995 Nov. 2 by T. Kobayashi at Oizumi.

Takaki Ishida (b.1948) is principal of Sanyo Girls' High and Junior High School in Hatsukaichi City, Hiroshima Prefecture. His school has a planetarium with a versatile projector system in a 12-meter dome theater. In addition to serving the school, it is open to the general public.

(9093) Sorada = 1995 WA

Discovered 1995 Nov. 16 by T. Kobayashi at Oizumi.

Toshiyuki Sorada (b.1954), an amateur astronomer in Hiroshima City, has actively opposed light pollution. His actions have influenced the lighting policies of local governments.

(9094) Butsuen = 1995 WH

Discovered 1995 Nov. 16 by T. Kobayashi at Oizumi.

Kazunari Butsuen (b.1952), an amateur astronomer in Kure City, Hiroshima Prefecture, is very active in the popularization of astronomy. He frequently hosts star parties with his own telescopes.

(9096) Tamotsu = 1995 XE₁

Discovered 1995 Dec. 15 by T. Kobayashi at Oizumi.

Tamotsu Fujii (b.1947) became interested in astronomy when Sputnik 1 was launched in 1957. Since then he has been an observer of sunspots. He has been a member of the Oriental Astronomical Association since 1960 and president of the Yamashiro Astronomical Association since its founding in 1962.

(9098) Toshihiko = 1996 BQ₃

Discovered 1996 Jan. 27 by T. Kobayashi at Oizumi.

Toshihiko Osawa (1935–2001) was a genius in visual planetary observing. He began observing with his self-made telescope at age 12 and discovered “Osawa’s spots” on Saturn in 1952. For more than half of his life he was ill, but he continued observing with his telescope on the roof of a hospital.

(9099) Kenjitanabe = 1996 VN₃

Discovered 1996 Nov. 6 by T. Kobayashi at Oizumi.

Kenji Tanabe (b.1944), professor at Okayama University of Science, has conducted research on both cosmology and cataclysmic variables. He also designed the Bisei Astronomical Observatory, which is open to the general public.

(9100) Tomohisa = 1996 XU₁

Discovered 1996 Dec. 2 by T. Kobayashi at Oizumi.

Japanese amateur astronomer Tomohisa Ohno (b.1948) became interested in astronomy at age 12. He has been very enthusiastic in sharing the beauty and wonders

of the cosmos. He recently rehabilitated the late Minoru Honda’s observatory, “Seijin-Sanso”, and is operating it.

(9103) Komatsubara = 1996 XW₃₀

Discovered 1996 Dec. 14 by T. Kobayashi at Oizumi.

Japanese amateur astronomer Mitsugu Komatsubara (b.1953) is a reporter who has frequently covered astronomy and space development. Together with Tomohisa Ohno, he recently rehabilitated the late comet and nova hunter Minoru Honda’s observatory “Seijin-Sanso”.

(9104) Matsuo = 1996 YB

Discovered 1996 Dec. 20 by T. Kobayashi at Oizumi.

Atsushi Matsuo (b.1955) is on the research and educational staff of the Yamaguchi Museum. He has been working in astronomy education for more than 20 years and has written many articles on astronomy history and education.

(9105) Matsumura = 1997 AU

Discovered 1997 Jan. 2 by T. Kobayashi at Oizumi.

Masafumi Matsumura (b.1959), associate professor at Kagawa University, studies interstellar matter on the basis of optical polarimetry and on light scattering calculations. He also works for astronomy education.

(10538) Torode = 1991 VP₂

Discovered 1991 Nov. 11 by B. G. W. Manning at Stakenbridge.

In a 1992 study of 170 astrolabes, British industrial chemist Rowland K. E. Torode (b.1923) measured the ecliptic longitudes of the stars depicted and thereby determined, with allowance for precession, the ages of the instruments. He was also secretary of the Kidderminster Astronomical Society for several years.

(13096) Tigris = 1993 BE₅

Discovered 1993 Jan. 27 by E. W. Elst at Caussols.

The Tigris is a river has its source in eastern Turkey and travels southeastward through northern Syria and Iraq to the Persian Gulf. It passes through the old cities of Baghdad and Basra.

(13963) Euphrates = 1991 PT₄

Discovered 1991 Aug. 3 by E. W. Elst at the European Southern Observatory.

The Euphrates river flows through northern Syria and Iraq. At Al Qurnah the Tigris and Euphrates rivers come close together, forming the Tigris-Euphrates system.

(15071) Hallerstein = 1999 BN₁₂

Discovered 1999 Jan. 24 at Črni Vrh Observatory.

Ljubljana-born Ferdinand Avgustin Hallerstein (1703–1774), a Jesuit missionary in China, was known for his work in astronomy, mathematics and cartography. President of the Chinese Imperial Bureau of Astronomy, he prepared an accurate catalogue of 3083 stars and discovered and carefully measured comet C/1748 H1.

(15301) Marutesser = 1992 SC₂

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

Marianne Ute Esser (b.1943) has been a member of the scientific staff of the Astronomisches Rechen-Institut in Heidelberg for more than 30 years. As an editor of *Astronomy and Astrophysics Abstracts* she contributed to the worldwide reputation of this bibliography.

(15417) Babylon = 1998 DH₃₄

Discovered 1998 Feb. 27 by E. W. Elst at the European Southern Observatory.

Babylon, one of the most famous cities of antiquity, was the capital of southern Mesopotamia, the region between the Tigris and Euphrates rivers. The legendary Hanging Gardens of the city, one of the seven wonders of the world, have inspired many classical authors.

(16641) Esteban = 1993 QH₁₀

Discovered 1993 Aug. 16 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Manuel (b. 1940) and Gloria (b. 1940) Esteban have been an admired and popular couple at the California State University, Chico, where he served very ably as president from 1993 to 2003. Both Barcelona-born, Manuel is also known for his ability as an artistic glassblower and Gloria for her interest in art and literature.

(16879) Campai = 1998 BH₁₀

Discovered 1998 Jan. 24 by A. Boattini and M. Tombelli at San Marcello Pistoiese.

Paolo Campai (b. 1957) is an amateur astronomer in Florence principally involved in astronomical photography and teaching. The discoverers met him in the course of observations of α Phoenicis and comet 1P/Halley in 1985 on a superb night near Florence.

(17056) Boschetti = 1999 GW₃

Discovered 1999 Apr. 6 by L. Tesi and A. Boattini at San Marcello Pistoiese.

Carla Stefania Boschetti (b. 1969), of the University of Padua, is involved in a study of Seyfert galaxies.

(17077) Pampaloni = 1999 HY₂

Discovered 1999 Apr. 25 by A. Boattini and M. Tombelli at San Marcello Pistoiese.

Carlo Pampaloni (b. 1958) is an amateur astronomer who has specialized in visual observations of variable stars for the Groupe Européen d'Observation Stellaire since 1971. So far, he has achieved more than 50 000 visual magnitude estimates.

(19367) Pink Floyd = 1997 XW₃

Discovered 1997 Dec. 3 by the OCA-DLR Asteroid Survey at Caussols.

An influential English progressive rock group, Pink Floyd wrote several astronomically themed songs, such as *Interstellar Overdrive* and *Astronomy Domine*. The group's 1973 album *Dark Side of the Moon* is one of the classic rock recordings.

(19383) Rolling Stones = 1998 BZ₃₂

Discovered 1998 Jan. 29 by the OCA-DLR Asteroid Survey at Caussols.

The Rolling Stones are the longest lasting rock-and-roll group, embarking on their fortieth anniversary of great music.

(19395) Barrera = 1998 EP₁

Discovered 1998 Mar. 2 by the OCA-DLR Asteroid Survey at Caussols.

Luis Barrera (b. 1965) is head of the Institute for Astronomy of the Universidad Católica del Norte in Antofagasta. His dynamism has raised this Chilean institute to international stature.

(19397) Lagarini = 1998 ER₃

Discovered 1998 Mar. 3 by the OCA-DLR Asteroid Survey at Caussols.

Andrea Lagarini (b. 1963) is an assistant in the science department of the European Southern Observatory in Santiago de Chile. Her dedication and professionalism have been instrumental in the success of several scientific conferences.

(20228) Jeanmarcmari = 1997 XG

Discovered 1997 Dec. 3 by the OCA-DLR Asteroid Survey at Caussols.

Jean Marc Mari (b. 1957) is an electronics engineer whose help and skill have been very valuable in constructing the first CCD camera for the OCA Schmidt Telescope. An amateur astronomer, he has traveled to see several total eclipses of the sun.

(20230) Blanchard = 1997 XH₅

Discovered 1997 Dec. 6 by the OCA-DLR Asteroid Survey at Caussols.

Guillaume Blanchard (b. 1969) is a French optician who specializes in astronomical optics. An amateur astronomer for more than 20 years, he has built many telescopes and is now working in the field of optical correctors. He has written several papers on the history of optics.

(22312) Kelly = 1991 GW₁

Discovered 1991 Apr. 14 by C. S. Shoemaker and D. H. Levy at Palomar.

Thomas J. Kelly (1929–2002) was the chief engineer of the Apollo Lunar Module. Considered the “Father of the LM”, he and his Grumman Aerospace engineering team oversaw the design, construction and testing of each of the spacecraft that safely landed twelve men on the moon.

(24818) Menichelli = 1994 WX

Discovered 1994 Nov. 23 by L. Tesi and A. Boattini at San Marcello Pistoiese.

Marco Menichelli (b. 1942) lives in Fiesole, an old Etruscan town near Florence. An amateur astronomer on the San Marcello team, he wrote astronomical software, focusing on transient phenomena.

(25001) Pacheco = 1998 OW₆

Discovered 1998 July 31 by À. López at Observatori Astronòmic de Mallorca.

Rafael Pacheco (b. 1954) is an amateur astronomer, astrometrist and co-discoverer of minor planets. Born in Madrid, he is one of the first Spanish amateur astronomers to specialize in astrometry.

(25143) Itokawa = 1998 SF₃₆

Discovered 1998 Sept. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hideo Itokawa (1912–1999) is regarded as the Father of Japanese rocketry. An aerospace engineer, Itokawa initiated Japan's first launch tests of the solid rocket series called “Pencil” in 1955. Under his unique vision and strong leadership, his rockets reached space by 1960 and put Japan's first satellite into orbit in 1970.

(25301) Ambrofogar = 1998 XZ₂

Discovered 1998 Dec. 7 by M. Tombelli and A. Boattini at San Marcello Pistoiese.

Explorer and adventurer Ambrogio Fogar (b. 1941) has undertaken many challenges. He attempted to reach the North Pole on foot with his dog and in 1974 completed a trip around the world alone in a 12-meter boat made only of wood. For many years he was the star of the TV show *Jonathan Dimensione Avventura*.

(26340) Evamarková = 1998 XY₈

Discovered 1998 Dec. 13 by J. Tichá and M. Tichý at Kleť.

Eva Marková (b. 1949) is a Czech astronomer interested in solar astronomy. She led eight expeditions to observe total solar eclipses. Since 1986 she has served as

director of the Úpice Observatory, where she is also engaged in astronomy education, including summer youth astronomy camps.

(26924) Johnharvey = 1996 YZ₂

Discovered 1996 Dec. 30 by R. Tucker at Goodricke-Pigott Observatory.

With his fundamental contributions to solar physics, John Warren Harvey (b. 1940) has advanced the understanding of solar magnetic fields and oscillations. He was largely responsible for the successful implementation of the Kitt Peak Vacuum Tower Telescope, the GONG helioseismology network and the SOLIS instrument.

(27130) Dipaola = 1998 XA₃

Discovered 1998 Dec. 8 by A. Boattini and M. Tombelli at San Marcello Pistoiese.

Andrea Di Paola (b. 1970), a staff member at the Rome Astronomical Observatory, has the scientific and technical responsibility for the Campo Imperatore Observatory. He has been involved with instrumentation and software at the CINEOS project for NEO discovery at Campo Imperatore since 1996.

(29085) Sethanne = 1979 SD

Discovered 1979 Sept. 17 at the Harvard College Observatory's Agassiz Station.

Sethanne Howard (b. 1944) has held positions with U.S. national observatories, NASA, the National Science Foundation and, during 2000–2003, as chief of the U.S. Nautical Almanac Office. Her research specialty is galactic dynamics. She has also been active in science education, concentrating on the history of women in science.

(29401) Asterix = 1996 TE

Discovered 1996 Oct. 1 by M. Tichý and Z. Moravec at Kletř.

Asterix is the hero of the cartoon series *Les aventures d'Asterix* by Uderzo and Goscinny. A shrewd, cunning little warrior, he is entrusted with all perilous missions. Asterix gets his superhuman strength from the magic potion brewed by the druids.

(29402) Obelix = 1996 TT₉

Discovered 1996 Oct. 14 by M. Tichý and Z. Moravec at Kletř.

Obelix is Asterix's devoted friend in the cartoon series *Les aventures d'Asterix* by Uderzo and Goscinny. A menhir delivery-man by trade, he is always ready to drop everything and go off on a new adventure—so long as there's wild boar to eat, and plenty of fighting.

(29672) Salvo = 1998 XG₉

Discovered 1998 Dec. 12 by A. Boattini and L. Tesi at San Marcello Pistoiese.

After studies on supernovae at the University of Padua, Maria Elena Salvo (b. 1970) has recently started a program for supernova searches in the southern sky at the Australian National University in Canberra.

(29705) Cialucy = 1998 YP₁₀

Discovered 1998 Dec. 26 by A. Boattini and L. Tesi at San Marcello Pistoiese.

Lucia "Cia" Boattini (b. 1958) is the elder sister of the first discoverer.

(29706) Simonetta = 1998 YS₁₁

Discovered 1998 Dec. 25 by A. Boattini and L. Tesi at San Marcello Pistoiese.

Simonetta Boattini (b. 1972) is the younger sister of the first discoverer.

(29986) Shunsuke = 1999 XW₃₇

Discovered 1999 Dec. 3 by A. Nakamura at Kuma Kogen.

Shunsuke Nakamura (b. 1978) has played soccer for Reggina in the Italian Serie A since 2002. From 1997 to 2002, he played for the Yokohama F Marinos in the J-League. Well known as an aggressive mid-fielder, he received the J-League Most Valuable Player Award once and the Best Eleven Award twice.

(30775) Lattu = 1987 QX

Discovered 1987 Aug. 24 by E. F. Helin at Palomar.

Kristan Rosemary Lattu (1947–2003), a member of the JPL technical staff, specialized in space systems integration and operations, contributing to the Deep Space Network, Galileo, Cassini, SIR/C-X/SAR, the Earth Observing System and the International Space Station. She took great pride in her Finnish heritage.

(31098) Frankhill = 1997 LQ₂

Discovered 1997 June 9 by R. Tucker at Goodricke-Pigott Observatory.

Frank Hill (b. 1951) is a U.S. astronomer, inventor of a method for probing beneath the solar surface, an expert on selection of observatory sites, and Data Scientist for the worldwide GONG network of helioseismic telescopes and the National Solar Observatory digital data archive.

(31190) Toussaint = 1997 YB₁₂

Discovered 1997 Dec. 27 by R. Tucker at Goodricke-Pigott Observatory.

Roberta Marie Toussaint (b. 1954) is a U.S. experimental physicist noted for developing biomagnetic devices and techniques and also for vital improvements to calibration of vast amounts of data from the worldwide GONG network of helioseismic telescopes and a high-precision spectrometer.

(32570) Peruindiana = 2001 QZ₇₁

Discovered 2001 Aug. 20 by C. Wolfe at Terre Haute.

Known to many as the "circus capital of the world", Peru, Indiana, was once the winter home of several great circus tours and continues to present a large amateur circus every July. This small and friendly city on the banks of the Wabash River is the hometown of this minor planet's discoverer.

(32571) Brayton = 2001 QA₇₂

Discovered 2001 Aug. 20 by C. Wolfe at Terre Haute.

Scott Brayton (1959–1996) tragically lost his life in a crash at the Indianapolis Motor Speedway just six days after dramatically capturing his second consecutive Indy 500 pole position. He is remembered for his strong character, optimistic attitude and infectious laughter.

(33103) Pintar = 1997 YA₁₂

Discovered 1997 Dec. 27 by R. Tucker at Goodricke-Pigott Observatory.

James Anthony Pintar (b. 1947) is a U.S. physicist and data and software expert who moved from managing a seismic exploration group seeking petroleum to managing the data-processing and analysis group of the worldwide GONG network of helioseismic telescopes seeking knowledge of the solar interior.

(34137) Lonnielinda = 2000 QL₆

Discovered 2000 Aug. 21 by C. Wolfe at Terre Haute.

Named by the discoverer, his brother Cory and his sister Carin in honor of their parents, Lonnie and Linda Wolfe, to express their gratitude for the many sacrifices that their parents have made for them over the years, as well as for their parents' unending love and support.

(34696) Risoldi = 2001 OV₁₂

Discovered 2001 July 21 by A. Boattini and M. Tombelli at San Marcello Pistoiese.

Vairo Risoldi (b.1951) is an amateur astronomer at the S. Lucia Stroncone Observatory. Thanks to his skills in electronics and computer science, he made the telescope control interface and various software packages for the astrometric reduction of CCD frames, extensively used by other Italian teams as well.

(35725) Tramuntana = 1999 FQ₅₉

Discovered 1999 Mar. 27 by À. López and R. Pacheco at Observatori Astronòmic de Mallorca.

Tramuntana is the name of the principal mountain chain of the island of Mallorca. It is located on the north side of the island, crossing it from east to west. Tramuntana is also the name of the north wind.

(39336) Mariacapria = 2002 AA₁₃

Discovered 2002 Jan. 11 by the Campo Imperatore Near Earth Object Survey.

The main interests of Maria Teresa Capria, a researcher at IASF-CNR in Rome, concern modeling cometary nuclei, high-resolution spectroscopy and the role of ices in the solar system. She has been particularly involved in the VIRTIS experiment on the Rosetta mission, working on instrument operation planning and data analysis.

(39741) Komm = 1997 AT₆

Discovered 1997 Jan. 9 by R. Tucker at Goodricke-Pigott Observatory.

Rudolf Walter Komm (b.1957) has contributed substantially to the study of solar activity. His studies include tracing the movements of active regions, measuring fluctuations in solar oscillations and determining flows in granulation. Komm has also developed several innovative methods of time-series analysis.

(40440) Dobrovský = 1999 RU₃₄

Discovered 1999 Sept. 11 by P. Pravec and P. Kušnirák at Ondřejov.

Josef Dobrovský (1753–1829) was probably the most important Czech linguist. He did research in the Czech and Slavic languages and Czech literature. He codified the rules of the written Czech language.

(40441) Jungmann = 1999 RW₃₄

Discovered 1999 Sept. 11 by P. Pravec and P. Kušnirák at Ondřejov.

Josef Jungmann (1773–1847) was a Czech poet, publicist and literary historian and author of the *Czech-German Dictionary*. He promoted the Czech language in official correspondence and in education. His activity was of fundamental importance for the Czech national consciousness.

(44027) Termain = 1998 AD

Discovered 1998 Jan. 2 by R. Tucker at Goodricke-Pigott Observatory.

Patricia Ann Termain Eliason (b. 1952) has contributed greatly to our knowledge of the solar system as a supporting scientist for Viking, Voyager and other spacecraft missions and as a project manager for the GONG heliosismic program.

(44711) Carp = 1999 TD₄

Discovered 1999 Oct. 3 by A. Nakamura at Kuma Kogen.

The Hiroshima Toyo Carp, founded in 1949, is a professional baseball team. Operated with capital from citizens of Hiroshima for the first 20 years, they are known as a unique “municipal team”. The Carp has won the Central League six times and the Japan Series championships three times.

(46643) Yanase = 1995 KM

Discovered 1995 May 23 by A. Nakamura at Kuma Kogen.

Takashi Yanase (b.1919) is one of the most renowned cartoonists in Japan. Since the 1940s he has created many works, including his immortal masterpiece

“Anpanman”. Yanase serves as an honorary director of the Anpanman Museum, which was constructed by his hometown, Kahoku, Kochi Prefecture.

(46737) Anpanman = 1997 VO

Discovered 1997 Nov. 1 by A. Nakamura at Kuma Kogen.

Anpanman is a popular cartoon hero whose head is a bun filled with sweet bean jam. Authored by Takashi Yanase in 1973, and animated on TV and film in 1988, Anpanman’s friendly figure and character have fascinated young children in Japan.

(49501) Basso = 1999 CN₁₀

Discovered 1999 Feb. 13 by G. Masi at Ceccano.

Antonella Basso (b.1972) is a very dear friend of the discoverer. A lawyer by profession, she has a great passion and interest in the arts, particularly in painting and cinema.

(51823) Rickhusband = 2001 OY₂₈

Discovered 2001 July 18 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

Rick D. Husband (1957–2003) was the commander of the space shuttle Columbia (STS-107).

(51824) Mikeanderson = 2001 OE₃₀

Discovered 2001 July 19 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

Michael P. Anderson (1959–2003) was the payload commander of the space shuttle Columbia (STS-107).

(51825) Davidbrown = 2001 OQ₃₃

Discovered 2001 July 19 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

David M. Brown (1956–2003) was a mission specialist on the space shuttle Columbia (STS-107).

(51826) Kalpanachawla = 2001 OB₃₄

Discovered 2001 July 19 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

Kalpana Chawla (1961–2003) was a mission specialist on the space shuttle Columbia (STS-107).

(51827) Laurelclark = 2001 OH₃₈

Discovered 2001 July 20 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

Laurel B. Clark (1961–2003) was a mission specialist on the space shuttle Columbia (STS-107).

(51828) Ilanramon = 2001 OU₃₉

Discovered 2001 July 20 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

Ilan Ramon (1954–2003), an Israeli citizen, was a payload specialist on the space shuttle Columbia (STS-107).

(51829) Williemccool = 2001 OD₄₁

Discovered 2001 July 21 at Palomar by the JPL Near-Earth Asteroid Tracking Program.

William C. “Willie” McCool (1961–2003) was the pilot of the space shuttle Columbia (STS-107).

(52309) Philnicolai = 1991 TQ₇

Discovered 1991 Oct. 7 by F. Börngen at Tautenburg.

Philipp Nicolai (1556–1608) is the creator of both the words and melodies of the hymns *How brightly beams the morning star!* and *Wake, awake! for night is flying*. J. S. Bach took them as a basis for two of his cantatas.

(52337) Compton = 1992 RS

Discovered 1992 Sept. 2 by F. Börngen and L. D. Schmadel at Tautenburg.

American Arthur Holly Compton (1892–1962) discovered the Compton effect, which confirms the particle nature of electromagnetic radiation. He received the 1927 Nobel Prize in physics, together with C. T. R. Wilson.

(52649) Chrismith = 1997 YX₁₁

Discovered 1997 Dec. 27 by R. Tucker at Goodricke-Pigott Observatory.

Christine Elizabeth Smith (b.1941) has for 21 years as an elementary school teacher inspired her students both with an enthusiasm for learning and with a sense of wonder and awareness of the natural world around them.

(55561) Madenberg = 2002 AF₉

Discovered 2002 Jan. 9 by B. L. Stevens at Desert Moon Observatory.

Janet A. Stevens (née Madenberg, b. 1950) is an amateur astronomer who started a loaner telescope program in 1984 to introduce novices to telescopic observing. She co-edited *Northern Lights* from 1990 to 1998 and was executive secretary of the Astronomical League from 1995 to 2001.

(55676) Klythios = 3034 T-1

Discovered 1971 Mar. 26 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Klythios was one of the old Trojan heroes and a member of the senate.

(55678) Lampos = 3291 T-1

Discovered 1971 Mar. 26 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Lampos was one of the members of the Trojan senate.

(55701) Ukalegon = 1193 T-3

Discovered 1977 Oct. 17 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Ukalegon was an old hero and a member of the Trojan senate.

(55702) Thymoitos = 1302 T-3

Discovered 1977 Oct. 17 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Thymoitos was one of the wisest old men and a member of the Trojan senate.

(55733) Lepsius = 1986 WS₂

Discovered 1986 Nov. 27 by F. Börngen at Tautenburg.

German Karl Richard Lepsius (1810–1884) studied the monuments, pyramids and mastabas of the Old Kingdom (c. 2686–c. 2160 BC) in Egypt and Sudan. He did much to catalogue archaeological remains and to establish a chronology for Egyptian history.

(55735) Magdeburg = 1987 QV

Discovered 1987 Aug. 22 by F. Börngen at Tautenburg.

Magdeburg, first recorded in 805, is situated on the Elbe river and is currently the capital of Saxony-Anhalt. It became important under emperor Otto I, who founded a cathedral there.

(55753) Raman = 1991 RF₅

Discovered 1991 Sept. 13 by F. Börngen and L. D. Schmadel at Tautenburg.

Indian physicist C. V. Raman (1888–1970) showed the inelastic scattering of photons traversing a material. For his discovery of the so-called Raman effect he received the 1930 Nobel Prize in physics. The Raman spectroscopy helps to study atomic and complicated molecular structures.

(58084) Hiketaon = 1197 T-3

Discovered 1977 Oct. 17 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Hiketaon was one of the old wise Trojan men and a member of the senate.

EPHEMERIDES**P/2003 HT₁₅ (LINEAR)**

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30		14 23.07	+00 11.9	2.621	2.762	87.1	21.5		19.3
2003 08 09		14 31.54	−02 18.6	2.760	2.779	80.5	21.1		19.5
2003 08 19		14 41.26	−04 43.4	2.901	2.798	74.1	20.4		19.6
2003 08 29		14 52.08	−07 02.1	3.041	2.819	67.8	19.4		19.6
2003 09 08		15 03.87	−09 14.1	3.178	2.840	61.6	18.2		19.7
2003 09 18		15 16.51	−11 19.1	3.312	2.863	55.4	16.8		19.8
2003 09 28		15 29.91	−13 16.7	3.440	2.887	49.3	15.2		19.8
2003 10 08		15 43.98	−15 06.8	3.560	2.913	43.1	13.6		19.9
2003 10 18		15 58.62	−16 49.1	3.672	2.939	37.0	11.8		19.9
2003 10 28		16 13.78	−18 23.6	3.775	2.966	30.9	9.9		19.9

P/2003 L1 (Scotti)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30		14 46.95	−14 30.1	4.810	5.040	97.3	11.5	18.9	
2003 08 09		14 50.60	−14 39.8	4.966	5.045	88.6	11.6	19.0	
2003 08 19		14 55.30	−14 54.2	5.122	5.049	80.2	11.4	19.1	
2003 08 29		15 00.94	−15 12.5	5.275	5.054	72.0	11.0	19.1	
2003 09 08		15 07.45	−15 33.9	5.421	5.060	63.9	10.3	19.2	
2003 09 18		15 14.72	−15 57.6	5.559	5.065	56.0	9.5	19.3	
2003 09 28		15 22.67	−16 22.6	5.684	5.071	48.1	8.5	19.3	
2003 10 08		15 31.19	−16 48.3	5.796	5.077	40.4	7.3	19.4	

C/2003 L2 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30		17 41.40	+66 25.4	3.201	3.341	89.0	17.7	17.8	
2003 08 09		17 16.42	+66 26.8	3.191	3.292	86.7	17.9	17.7	
2003 08 19		16 55.82	+65 58.9	3.181	3.245	84.5	18.1	17.6	
2003 08 29		16 40.57	+65 12.4	3.170	3.200	82.6	18.2	17.6	
2003 09 08		16 30.79	+64 17.8	3.154	3.158	81.0	18.4	17.5	
2003 09 18		16 26.03	+63 23.8	3.133	3.118	79.9	18.5	17.4	
2003 09 28		16 25.77	+62 37.0	3.105	3.080	79.3	18.6	17.3	
2003 10 08		16 29.53	+62 02.6	3.068	3.045	79.3	18.8	17.3	
2003 10 18		16 36.95	+61 44.4	3.024	3.013	79.9	19.0	17.2	
2003 10 28		16 47.91	+61 45.4	2.972	2.983	81.0	19.2	17.1	
2003 11 07		17 02.48	+62 07.9	2.915	2.957	82.7	19.4	17.0	
2003 11 17		17 20.95	+62 52.8	2.855	2.934	84.7	19.6	17.0	
2003 11 27		17 43.97	+63 59.7	2.794	2.914	87.0	19.8	16.9	
2003 12 07		18 12.54	+65 26.1	2.736	2.897	89.3	19.9	16.8	
2003 12 17		18 48.09	+67 05.6	2.686	2.883	91.4	20.0	16.7	

2003 AUG. 6

M.P.C. 49285

2003 12 27	19 32.40	+68 47.2	2.648	2.873	93.1	20.0	16.7
2004 01 06	20 26.9	+70 13.7	2.626	2.867	94.0	20.0	16.7
2004 01 16	21 30.9	+71 03.1	2.624	2.864	93.9	20.0	16.7
2004 01 26	22 40.1	+70 56.5	2.645	2.865	92.6	20.1	16.7
2004 02 05	23 47.20	+69 48.0	2.690	2.869	90.2	20.1	16.7
2004 02 15	00 46.50	+67 47.7	2.759	2.876	86.7	20.0	16.8
2004 02 25	01 36.29	+65 13.8	2.850	2.888	82.2	19.9	16.9
2004 03 06	02 17.56	+62 24.2	2.959	2.902	77.0	19.5	17.0
2004 03 16	02 52.13	+59 31.2	3.082	2.920	71.3	18.8	17.1
2004 03 26	03 21.68	+56 42.7	3.216	2.941	65.3	17.9	17.2
2004 04 05	03 47.48	+54 02.6	3.355	2.966	59.0	16.8	17.4
2004 04 15	04 10.42	+51 32.6	3.496	2.993	52.5	15.4	17.5
2004 04 25	04 31.16	+49 12.7	3.633	3.023	46.1	13.9	17.6
2004 05 05	04 50.13	+47 02.3	3.765	3.057	39.6	12.1	17.7
2004 05 15	05 07.64	+45 00.3	3.887	3.092	33.3	10.3	17.9

C/2001 K5 (LINEAR)				Elements MPC 44860				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2003 07 30		18 19.05	+56 28.4	5.366	5.626	99.6	10.3	15.2
2003 08 09		18 13.72	+56 09.1	5.414	5.655	98.6	10.2	15.2
2003 08 19		18 10.04	+55 36.8	5.466	5.685	97.3	10.2	15.2
2003 08 29		18 08.21	+54 54.4	5.522	5.715	95.9	10.1	15.3
2003 09 08		18 08.28	+54 05.0	5.581	5.747	94.4	10.1	15.3
2003 09 18		18 10.22	+53 11.7	5.642	5.779	92.8	10.0	15.4
2003 09 28		18 13.93	+52 17.0	5.706	5.811	91.0	9.9	15.4
2003 10 08		18 19.28	+51 23.4	5.772	5.845	89.2	9.8	15.5
2003 10 18		18 26.09	+50 32.9	5.839	5.879	87.4	9.7	15.5
2003 10 28		18 34.22	+49 47.0	5.908	5.914	85.5	9.6	15.6
2003 11 07		18 43.48	+49 07.3	5.979	5.949	83.5	9.5	15.6
2003 11 17		18 53.73	+48 34.9	6.050	5.985	81.6	9.4	15.7
2003 11 27		19 04.80	+48 10.6	6.122	6.022	79.5	9.3	15.7
2003 12 07		19 16.55	+47 55.1	6.195	6.059	77.5	9.1	15.8
2003 12 17		19 28.84	+47 48.8	6.269	6.097	75.5	9.0	15.8
2003 12 27		19 41.55	+47 51.8	6.342	6.135	73.5	8.8	15.9
2004 01 06		19 54.54	+48 04.2	6.415	6.174	71.5	8.7	15.9
2004 01 16		20 07.71	+48 25.7	6.487	6.214	69.7	8.5	16.0
2004 01 26		20 20.94	+48 56.1	6.557	6.254	67.9	8.4	16.0
2004 02 05		20 34.13	+49 34.9	6.625	6.294	66.3	8.2	16.1
2004 02 15		20 47.18	+50 21.3	6.691	6.335	64.9	8.1	16.1
2004 02 25		21 00.02	+51 14.9	6.753	6.377	63.7	8.0	16.2
2004 03 06		21 12.52	+52 14.8	6.811	6.418	62.8	7.9	16.2
2004 03 16		21 24.63	+53 20.1	6.864	6.461	62.3	7.8	16.3
2004 03 26		21 36.23	+54 30.1	6.911	6.504	62.0	7.8	16.3
2004 04 05		21 47.24	+55 44.0	6.953	6.547	62.2	7.8	16.4
2004 04 15		21 57.56	+57 00.7	6.989	6.590	62.8	7.8	16.4
2004 04 25		22 07.07	+58 19.4	7.017	6.634	63.8	7.8	16.4
2004 05 05		22 15.65	+59 39.1	7.039	6.679	65.1	7.9	16.5
2004 05 15		22 23.16	+60 58.9	7.055	6.723	66.9	8.0	16.5
2004 05 25		22 29.44	+62 17.6	7.063	6.768	69.1	8.0	16.5
2004 06 04		22 34.33	+63 34.1	7.065	6.814	71.6	8.1	16.6
2004 06 14		22 37.67	+64 47.0	7.061	6.859	74.5	8.2	16.6
2004 06 24		22 39.28	+65 54.9	7.052	6.905	77.6	8.3	16.6
2004 07 04		22 39.04	+66 56.1	7.039	6.952	80.9	8.3	16.7

2004 07 14	22 36.89	+67 48.9	7.023	6.998	84.5	8.3	16.7
2004 07 24	22 32.89	+68 31.3	7.005	7.045	88.1	8.3	16.7
2004 08 03	22 27.25	+69 01.6	6.987	7.093	91.9	8.2	16.7
2004 08 13	22 20.37	+69 18.1	6.970	7.140	95.6	8.1	16.8
2004 08 23	22 12.81	+69 19.7	6.956	7.188	99.2	8.0	16.8
2004 09 02	22 05.26	+69 06.0	6.947	7.236	102.7	7.8	16.8
2004 09 12	21 58.39	+68 37.4	6.945	7.284	105.8	7.6	16.8
2004 09 22	21 52.77	+67 55.1	6.952	7.333	108.5	7.5	16.9
2004 10 02	21 48.83	+67 01.0	6.970	7.381	110.6	7.3	16.9
2004 10 12	21 46.76	+65 57.4	7.000	7.430	111.9	7.2	16.9
2004 10 22	21 46.62	+64 46.8	7.043	7.480	112.4	7.1	17.0
2004 11 01	21 48.33	+63 32.1	7.100	7.529	112.0	7.0	17.0
2004 11 11	21 51.72	+62 15.7	7.171	7.578	110.7	7.0	17.1
2004 11 21	21 56.61	+61 00.0	7.257	7.628	108.5	7.1	17.1
2004 12 01	22 02.77	+59 47.3	7.356	7.678	105.5	7.1	17.2
2004 12 11	22 09.99	+58 39.2	7.467	7.728	101.7	7.2	17.2
2004 12 21	22 18.10	+57 37.3	7.590	7.778	97.4	7.2	17.3
2004 12 31	22 26.89	+56 42.7	7.720	7.829	92.7	7.2	17.4

C/2003 O1 (LINEAR)				Elements MPC 49278				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2003 07 30		19 22.34	+38 34.5	6.446	7.012	120.3	7.2	18.5
2003 08 09		19 11.53	+38 16.1	6.457	6.999	118.6	7.3	18.5
2003 08 19		19 01.55	+37 43.3	6.489	6.985	115.5	7.5	18.5
2003 08 29		18 52.70	+36 58.8	6.541	6.973	111.4	7.8	18.5
2003 09 08		18 45.18	+36 05.8	6.610	6.961	106.3	8.0	18.5
2003 09 18		18 39.09	+35 07.6	6.692	6.949	100.7	8.2	18.5
2003 09 28		18 34.45	+34 07.3	6.783	6.938	94.8	8.3	18.6
2003 10 08		18 31.21	+33 08.0	6.879	6.928	88.6	8.3	18.6
2003 10 18		18 29.25	+32 12.0	6.977	6.918	82.5	8.2	18.6
2003 10 28		18 28.46	+31 21.4	7.072	6.909	76.6	8.0	18.6
2003 11 07		18 28.68	+30 38.0	7.161	6.901	70.9	7.8	18.7
2003 11 17		18 29.76	+30 02.8	7.240	6.893	65.7	7.5	18.7
2003 11 27		18 31.55	+29 36.9	7.308	6.886	61.1	7.2	18.7
2003 12 07		18 33.88	+29 21.0	7.360	6.879	57.3	6.9	18.7
2003 12 17		18 36.59	+29 15.6	7.397	6.873	54.5	6.7	18.7
2003 12 27		18 39.55	+29 20.9	7.416	6.868	52.9	6.6	18.7
2004 01 06		18 42.59	+29 37.3	7.417	6.863	52.5	6.5	18.7

C/2002 L9 (NEAT)				Elements MPC 49276				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2003 07 30		21 13.97	-53 01.6	6.365	7.218	144.8	4.6	17.2
2003 08 09		21 08.08	-54 00.7	6.378	7.204	142.0	5.0	17.2
2003 08 19		21 02.02	-54 48.7	6.416	7.191	137.1	5.5	17.3
2003 08 29		20 56.22	-55 25.1	6.477	7.177	130.7	6.1	17.3
2003 09 08		20 51.09	-55 49.9	6.559	7.165	123.5	6.7	17.4
2003 09 18		20 46.99	-56 03.9	6.657	7.153	115.9	7.3	17.4
2003 09 28		20 44.20	-56 08.6	6.767	7.141	108.0	7.7	17.5
2003 10 08		20 42.90	-56 05.3	6.886	7.130	100.1	7.9	17.5
2003 10 18		20 43.17	-55 55.9	7.010	7.120	92.3	8.0	17.6
2003 10 28		20 45.01	-55 41.7	7.135	7.110	84.6	8.0	17.6
2003 11 07		20 48.35	-55 24.2	7.257	7.101	77.1	7.8	17.6
2003 11 17		20 53.10	-55 04.4	7.372	7.092	69.8	7.5	17.6
2003 11 27		20 59.13	-54 43.4	7.478	7.084	63.0	7.1	17.6

2003 12 07	21 06.30	−54 21.8	7.572	7.077	56.5	6.7	17.6
2003 12 17	21 14.46	−54 00.5	7.652	7.070	50.7	6.2	17.6
2003 12 27	21 23.47	−53 40.0	7.716	7.064	45.6	5.7	17.6
2004 01 06	21 33.21	−53 20.8	7.763	7.058	41.6	5.3	17.6
2004 01 16	21 43.54	−53 03.6	7.792	7.053	38.8	5.0	17.6
2004 01 26	21 54.36	−52 48.7	7.803	7.048	37.6	4.9	17.6
2004 02 05	22 05.57	−52 36.9	7.796	7.044	37.9	4.9	17.6
2004 02 15	22 17.06	−52 28.6	7.771	7.041	39.8	5.2	17.6
2004 02 25	22 28.75	−52 24.4	7.730	7.038	43.0	5.5	17.6
2004 03 06	22 40.57	−52 25.0	7.674	7.036	47.1	5.9	17.6
2004 03 16	22 52.45	−52 30.9	7.604	7.035	51.9	6.4	17.6
2004 03 26	23 04.31	−52 42.6	7.523	7.034	57.2	6.9	17.6
2004 04 05	23 16.08	−53 00.8	7.433	7.033	62.9	7.3	17.6
2004 04 15	23 27.71	−53 25.9	7.336	7.034	68.7	7.6	17.6
2004 04 25	23 39.11	−53 58.2	7.235	7.034	74.6	7.9	17.6
2004 05 05	23 50.22	−54 38.1	7.133	7.036	80.4	8.1	17.6
2004 05 15	00 00.94	−55 25.5	7.031	7.038	86.3	8.2	17.5
2004 05 25	00 11.18	−56 20.3	6.933	7.040	91.9	8.3	17.5

C/2002 R3 (LONEOS)Elements *MPC* 47292

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30	00 34.83	+22 24.6	3.448	3.891	108.5	14.3	16.6		
2003 08 09	00 19.51	+22 16.1	3.287	3.901	120.5	12.9	16.5		
2003 08 19	00 01.29	+21 44.5	3.154	3.913	132.9	10.9	16.4		
2003 08 29	23 40.71	+20 45.4	3.058	3.927	144.8	8.5	16.4		
2003 09 08	23 18.79	+19 17.4	3.009	3.943	154.5	6.3	16.4		
2003 09 18	22 56.83	+17 24.5	3.012	3.961	157.7	5.5	16.4		
2003 09 28	22 36.18	+15 14.6	3.068	3.980	151.9	6.8	16.4		
2003 10 08	22 17.90	+12 58.6	3.173	4.001	141.2	9.0	16.5		
2003 10 18	22 02.59	+10 46.8	3.320	4.024	129.1	11.1	16.7		
2003 10 28	21 50.41	+08 46.4	3.501	4.049	116.9	12.6	16.8		
2003 11 07	21 41.23	+07 01.7	3.704	4.075	105.0	13.6	16.9		
2003 11 17	21 34.70	+05 34.2	3.921	4.103	93.6	13.9	17.1		
2003 11 27	21 30.46	+04 23.6	4.142	4.132	82.6	13.7	17.2		
2003 12 07	21 28.11	+03 28.8	4.360	4.163	72.1	13.0	17.4		
2003 12 17	21 27.27	+02 48.2	4.568	4.196	62.0	11.9	17.5		
2003 12 27	21 27.64	+02 20.0	4.760	4.230	52.2	10.6	17.7		
2004 01 06	21 28.91	+02 02.9	4.932	4.265	42.9	9.0	17.8		
2004 01 16	21 30.84	+01 55.1	5.081	4.302	34.0	7.4	17.9		

P/2003 O3 (LINEAR)Elements *MPC* 49278

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30	01 18.94	+03 26.1	0.524	1.271	106.8	49.9	17.6		
2003 08 09	01 48.44	+09 40.1	0.503	1.259	107.3	50.3	17.5		
2003 08 19	02 15.18	+15 39.2	0.491	1.259	108.8	49.6	17.5		
2003 08 29	02 38.14	+21 08.0	0.486	1.271	111.4	47.7	17.5		
2003 09 08	02 56.23	+25 56.4	0.487	1.294	115.4	44.7	17.6		
2003 09 18	03 08.54	+29 59.8	0.493	1.328	120.9	40.5	17.7		
2003 09 28	03 14.22	+33 14.2	0.504	1.371	127.8	35.3	17.9		
2003 10 08	03 13.16	+35 34.0	0.522	1.422	136.0	29.3	18.1		
2003 10 18	03 06.45	+36 54.7	0.549	1.479	144.8	22.9	18.4		
2003 10 28	02 56.23	+37 14.5	0.588	1.542	153.3	16.8	18.7		
2003 11 07	02 45.57	+36 41.5	0.643	1.609	159.4	12.5	19.1		
2003 11 17	02 37.06	+35 33.1	0.716	1.679	159.9	11.7	19.5		

2003 11 27	02 32.16	+34 09.1	0.808	1.752	154.9	13.8	20.0
2003 12 07	02 31.33	+32 46.6	0.918	1.827	147.3	16.9	20.4
2003 12 17	02 34.22	+31 35.5	1.046	1.902	139.1	19.8	20.9
2003 12 27	02 40.23	+30 40.0	1.190	1.978	130.8	22.1	21.3
2004 01 06	02 48.80	+30 00.5	1.348	2.055	122.9	23.7	21.8

P/2003 O2 (LINEAR)Elements *MPC* 49278

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 07 30	01 56.85	+14 46.1	1.119	1.564	94.1	40.4	16.7		
2003 08 09	02 20.32	+19 27.5	1.043	1.537	96.7	40.9	16.5		
2003 08 19	02 43.91	+24 13.5	0.978	1.519	99.5	41.1	16.3		
2003 08 29	03 07.27	+28 58.2	0.922	1.509	102.6	40.8	16.1		
2003 09 08	03 29.85	+33 35.1	0.877	1.507	106.0	40.0	16.0		
2003 09 18	03 50.93	+37 57.9	0.841	1.514	109.8	38.7	15.9		
2003 09 28	04 09.43	+42 01.0	0.813	1.528	114.2	36.7	15.9		
2003 10 08	04 24.10	+45 38.8	0.794	1.551	119.3	34.2	15.9		
2003 10 18	04 33.69	+48 45.5	0.783	1.581	125.0	31.1	16.0		
2003 10 28	04 37.14	+51 13.8	0.780	1.618	131.2	27.5	16.1		
2003 11 07	04 34.33	+52 53.8	0.789	1.661	137.5	23.8	16.2		
2003 11 17	04 26.61	+53 37.5	0.811	1.709	143.3	20.2	16.4		
2003 11 27	04 16.63	+53 21.8	0.848	1.762	147.6	17.5	16.6		
2003 12 07	04 07.66	+52 14.0	0.902	1.819	149.1	16.2	16.9		
2003 12 17	04 02.04	+50 30.2	0.974	1.879	147.2	16.5	17.2		
2003 12 27	04 00.73	+48 28.3	1.066	1.942	142.7	17.9	17.5		
2004 01 06	04 03.71	+46 23.8	1.175	2.007	136.6	19.7	17.9		

C/2002 X5 (Kudo-Fujikawa)Elements *MPC* 48097

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 08 29	08 26.18	+03 44.8	4.563	3.731	30.8	8.0	17.5		
2003 09 08	08 32.17	+03 19.5	4.597	3.853	38.0	9.3	17.7		
2003 09 18	08 37.22	+02 53.0	4.609	3.973	45.7	10.4	17.8		
2003 09 28	08 41.24	+02 26.5	4.601	4.092	53.9	11.4	17.9		
2003 10 08	08 44.11	+02 01.0	4.576	4.208	62.5	12.2	18.0		
2003 10 18	08 45.73	+01 37.6	4.536	4.324	71.5	12.6	18.1		
2003 10 28	08 45.99	+01 17.6	4.485	4.437	80.9	12.8	18.2		
2003 11 07	08 44.77	+01 02.3	4.428	4.550	90.7	12.6	18.3		
2003 11 17	08 42.03	+00 53.1	4.370	4.661	101.0	12.0	18.4		
2003 11 27	08 37.75	+00 51.3	4.318	4.771	111.6	11.1	18.5		
2003 12 07	08 31.98	+00 57.9	4.279	4.879	122.5	9.8	18.5		
2003 12 17	08 24.91	+01 13.6	4.257	4.987	133.6	8.2	18.6		
2003 12 27	08 16.81	+01 38.7	4.260	5.093	144.5	6.4	18.7		
2004 01 06	08 08.04	+02 12.5	4.294	5.198	154.5	4.7	18.8		
2004 01 16	07 59.07	+02 53.6	4.360	5.303	161.6	3.4	18.9		
2004 01 26	07 50.36	+03 40.2	4.462	5.406	161.8	3.3	19.1		
2004 02 05	07 42.33	+04 30.2	4.598	5.508	155.1	4.3	19.2		
2004 02 15	07 35.33	+05 21.1	4.767	5.610	145.6	5.7	19.4		
2004 02 25	07 29.59	+06 11.2	4.965	5.710	135.3	7.0	19.5		
2004 03 06	07 25.24	+06 58.8	5.186	5.810	124.8	8.1	19.7		
2004 03 16	07 22.28	+07 42.8	5.426	5.909	114.5	8.8	19.9		
2004 03 26	07 20.67	+08 22.5	5.679	6.007	104.5	9.3	20.1		
2004 04 05	07 20.31	+08 57.5	5.939	6.104	94.8	9.4	20.2		
2004 04 15	07 21.07	+09 27.5	6.202	6.201	85.3	9.3	20.4		
2004 04 25	07 22.80	+09 52.6	6.462	6.297	76.1	8.9	20.5		
2004 05 05	07 25.36	+10 12.9	6.715	6.392	67.2	8.4	20.7		

2004 05 15	07 28.61	+10 28.6	6.958	6.486	58.5	7.6	20.8
2004 05 25	07 32.42	+10 39.9	7.186	6.580	50.0	6.8	21.0
2004 06 04	07 36.67	+10 47.2	7.398	6.673	41.6	5.8	21.1
2004 06 14	07 41.23	+10 50.6	7.590	6.766	33.5	4.8	21.2

123P/West-Hartley				Elements <i>MPC</i> 40671					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 08 29		08 39.95	+29 01.4	3.066	2.273	31.9	13.6	15.3	20.5
2003 09 08		09 03.57	+27 59.8	2.981	2.247	36.1	15.3	15.2	20.5
2003 09 18		09 26.92	+26 49.0	2.892	2.224	40.4	17.0	15.0	20.4
2003 09 28		09 49.93	+25 30.0	2.800	2.203	44.7	18.7	14.8	20.4
2003 10 08		10 12.49	+24 04.7	2.705	2.184	49.0	20.2	14.6	20.4
2003 10 18		10 34.53	+22 34.6	2.609	2.168	53.4	21.7	14.5	20.3
2003 10 28		10 55.97	+21 01.7	2.510	2.154	58.0	23.0	14.3	20.3
2003 11 07		11 16.73	+19 28.0	2.410	2.144	62.6	24.2	14.2	20.2
2003 11 17		11 36.70	+17 55.7	2.310	2.136	67.5	25.3	14.1	20.1
2003 11 27		11 55.78	+16 26.8	2.208	2.131	72.5	26.2	13.9	20.1
2003 12 07		12 13.81	+15 03.6	2.106	2.129	77.8	26.9	13.8	20.0
2003 12 17		12 30.63	+13 48.0	2.005	2.130	83.4	27.3	13.7	19.9
2003 12 27		12 46.02	+12 41.7	1.905	2.133	89.3	27.4	13.6	19.8
2004 01 06		12 59.70	+11 46.6	1.806	2.140	95.7	27.2	13.5	19.7
2004 01 16		13 11.37	+11 03.4	1.711	2.150	102.5	26.5	13.5	19.5
2004 01 26		13 20.68	+10 32.8	1.620	2.162	109.8	25.4	13.4	19.4
2004 02 05		13 27.23	+10 14.4	1.535	2.177	117.7	23.6	13.4	19.2
2004 02 15		13 30.72	+10 06.5	1.460	2.194	126.3	21.3	13.4	19.1
2004 02 25		13 30.89	+10 06.3	1.398	2.214	135.4	18.3	13.4	18.9
2004 03 06		13 27.76	+10 08.6	1.351	2.237	145.0	14.8	13.4	18.7
2004 03 16		13 21.71	+10 07.4	1.323	2.262	154.4	11.0	13.5	18.6
2004 03 26		13 13.50	+09 56.5	1.319	2.288	162.1	7.7	13.6	18.4
2004 04 05		13 04.34	+09 30.3	1.338	2.317	164.3	6.7	13.8	18.5
2004 04 15		12 55.49	+08 46.4	1.383	2.348	159.1	8.8	14.0	18.7
2004 04 25		12 48.06	+07 45.1	1.452	2.380	150.6	12.0	14.2	18.9
2004 05 05		12 42.84	+06 28.7	1.543	2.414	141.3	15.1	14.5	19.2
2004 05 15		12 40.16	+05 00.9	1.653	2.449	132.2	17.8	14.8	19.5
2004 05 25		12 40.03	+03 24.8	1.779	2.485	123.5	19.9	15.1	19.7
2004 06 04		12 42.30	+01 43.0	1.918	2.523	115.2	21.3	15.5	20.0
2004 06 14		12 46.66	−00 02.1	2.067	2.562	107.5	22.2	15.8	20.2
2004 06 24		12 52.83	−01 49.2	2.223	2.601	100.1	22.6	16.1	20.4
2004 07 04		13 00.52	−03 37.1	2.385	2.642	93.0	22.6	16.4	20.6
2004 07 14		13 09.49	−05 24.8	2.550	2.683	86.2	22.2	16.7	20.7
2004 07 24		13 19.54	−07 11.8	2.716	2.725	79.7	21.5	17.1	20.9
2004 08 03		13 30.50	−08 57.5	2.882	2.767	73.3	20.6	17.3	21.0
2004 08 13		13 42.22	−10 41.2	3.045	2.809	67.0	19.4	17.6	21.1
2004 08 23		13 54.62	−12 22.7	3.205	2.852	60.9	18.0	17.9	21.2
2004 09 02		14 07.59	−14 01.2	3.359	2.896	54.7	16.5	18.2	21.3
2004 09 12		14 21.05	−15 36.5	3.506	2.939	48.6	14.9	18.4	21.4
2004 09 22		14 34.95	−17 08.2	3.644	2.983	42.5	13.1	18.7	21.4
2004 10 02		14 49.22	−18 35.8	3.773	3.027	36.4	11.3	18.9	21.5
2004 10 12		15 03.80	−19 58.9	3.891	3.071	30.3	9.4	19.1	21.5

P/2002 X2 (NEAT)						Elements <i>MPC</i> 48097			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 08 29		08 40.10	+30 28.1	3.510	2.716	32.7	11.6	19.1	
2003 09 08		08 59.33	+30 15.9	3.460	2.739	38.1	13.1	19.1	

2003 09 18	09 17.98	+30 02.4	3.401	2.764	43.8	14.6	19.1
2003 09 28	09 35.97	+29 49.4	3.333	2.789	49.6	15.9	19.1
2003 10 08	09 53.22	+29 38.9	3.257	2.816	55.6	17.0	19.1
2003 10 18	10 09.64	+29 33.0	3.174	2.843	61.8	18.0	19.0
2003 10 28	10 25.12	+29 33.8	3.086	2.871	68.3	18.8	19.0
2003 11 07	10 39.52	+29 43.5	2.993	2.900	75.1	19.3	19.0
2003 11 17	10 52.72	+30 04.2	2.897	2.930	82.1	19.5	19.0
2003 11 27	11 04.51	+30 37.8	2.800	2.960	89.4	19.5	18.9
2003 12 07	11 14.69	+31 25.9	2.705	2.991	97.1	19.1	18.9
2003 12 17	11 23.01	+32 29.0	2.615	3.022	104.9	18.3	18.9
2003 12 27	11 29.19	+33 47.1	2.533	3.054	113.0	17.2	18.9
2004 01 06	11 32.97	+35 18.1	2.462	3.086	121.1	15.8	18.9
2004 01 16	11 34.12	+36 58.0	2.405	3.119	128.9	14.2	18.8
2004 01 26	11 32.51	+38 41.0	2.368	3.152	136.1	12.5	18.9
2004 02 05	11 28.24	+40 19.0	2.351	3.185	141.9	11.0	18.9
2004 02 15	11 21.70	+41 43.4	2.358	3.219	145.2	10.1	18.9
2004 02 25	11 13.57	+42 46.6	2.390	3.253	145.3	10.0	19.0
2004 03 06	11 04.81	+43 23.0	2.446	3.287	142.2	10.6	19.1
2004 03 16	10 56.46	+43 30.8	2.524	3.321	136.9	11.8	19.2
2004 03 26	10 49.42	+43 11.5	2.624	3.355	130.2	13.1	19.4
2004 04 05	10 44.31	+42 28.6	2.741	3.390	122.8	14.4	19.5
2004 04 15	10 41.44	+41 27.0	2.873	3.424	115.3	15.4	19.6
2004 04 25	10 40.83	+40 11.2	3.017	3.458	107.7	16.1	19.8
2004 05 05	10 42.35	+38 45.2	3.168	3.493	100.3	16.5	19.9
2004 05 15	10 45.73	+37 12.2	3.325	3.527	93.1	16.6	20.1
2004 05 25	10 50.72	+35 34.7	3.485	3.562	86.1	16.5	20.2
2004 06 04	10 57.05	+33 54.3	3.645	3.596	79.3	16.1	20.4
2004 06 14	11 04.46	+32 12.5	3.802	3.631	72.6	15.5	20.5
2004 06 24	11 12.76	+30 30.0	3.956	3.665	66.2	14.7	20.6
2004 07 04	11 21.77	+28 47.9	4.103	3.699	59.9	13.8	20.7
2004 07 14	11 31.34	+27 06.5	4.243	3.733	53.7	12.7	20.9
2004 07 24	11 41.36	+25 26.4	4.374	3.767	47.8	11.5	21.0
2004 08 03	11 51.71	+23 48.1	4.494	3.800	42.0	10.3	21.1
2004 08 13	12 02.31	+22 12.1	4.602	3.834	36.4	9.0	21.2
2004 08 23	12 13.11	+20 38.9	4.697	3.867	31.2	7.8	21.2

127P/Holt-Olmstead					Elements <i>MPC</i> 40670				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 08		05 01.84	+32 20.2	2.054	2.246	87.4	26.6	17.8	22.5
2003 09 18		05 15.28	+33 53.5	1.962	2.266	94.0	26.3	17.8	22.4
2003 09 28		05 26.58	+35 26.5	1.872	2.287	101.1	25.5	17.8	22.3
2003 10 08		05 35.25	+37 00.0	1.786	2.311	108.8	24.2	17.7	22.2
2003 10 18		05 40.78	+38 34.1	1.708	2.336	117.0	22.3	17.7	22.1
2003 10 28		05 42.67	+40 07.3	1.640	2.362	125.7	20.0	17.7	21.9
2003 11 07		05 40.59	+41 35.5	1.585	2.390	134.8	17.1	17.7	21.8
2003 11 17		05 34.57	+42 52.5	1.548	2.418	144.0	13.9	17.7	21.7
2003 11 27		05 25.19	+43 50.5	1.532	2.449	152.2	10.8	17.8	21.6
2003 12 07		05 13.73	+44 22.9	1.540	2.480	157.7	8.7	17.9	21.5
2003 12 17		05 01.96	+44 27.1	1.573	2.512	157.7	8.5	18.0	21.6
2003 12 27		04 51.66	+44 05.8	1.632	2.544	152.4	10.3	18.1	21.8
2004 01 06		04 44.23	+43 26.1	1.715	2.578	144.3	12.9	18.3	22.0
2004 01 16		04 40.35	+42 36.4	1.819	2.612	135.4	15.3	18.6	22.2
2004 01 26		04 40.12	+41 43.8	1.941	2.647	126.4	17.4	18.8	22.5

118P/Shoemaker-Levy

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 46622			
						ϵ	ϕ	m_1	m_2
2003 09 08		08 52.48	+13 46.3	2.819	2.054	33.4	15.7	17.4	20.2
2003 09 18		09 14.31	+12 27.9	2.775	2.071	37.6	17.2	17.4	20.2
2003 09 28		09 35.34	+11 04.8	2.725	2.091	42.0	18.7	17.4	20.2
2003 10 08		09 55.51	+09 39.1	2.670	2.113	46.7	20.1	17.4	20.3
2003 10 18		10 14.76	+08 12.9	2.610	2.138	51.6	21.4	17.4	20.3
2003 10 28		10 33.03	+06 48.1	2.543	2.165	56.8	22.6	17.4	20.3
2003 11 07		10 50.23	+05 27.1	2.471	2.194	62.3	23.6	17.4	20.3
2003 11 17		11 06.26	+04 11.8	2.394	2.224	68.2	24.4	17.4	20.3
2003 11 27		11 21.00	+03 04.5	2.312	2.257	74.4	24.9	17.4	20.2
2003 12 07		11 34.27	+02 07.4	2.225	2.291	81.1	25.1	17.3	20.2
2003 12 17		11 45.90	+01 22.8	2.136	2.326	88.3	25.0	17.3	20.1
2003 12 27		11 55.63	+00 52.8	2.047	2.363	96.1	24.4	17.3	20.1
2004 01 06		12 03.22	+00 39.6	1.958	2.401	104.5	23.4	17.3	20.0
2004 01 16		12 08.42	+00 45.1	1.875	2.439	113.5	21.7	17.2	19.9
2004 01 26		12 11.00	+01 10.3	1.799	2.479	123.2	19.4	17.2	19.7
2004 02 05		12 10.86	+01 55.4	1.736	2.519	133.7	16.4	17.2	19.6
2004 02 15		12 08.10	+02 58.1	1.690	2.561	144.8	12.9	17.2	19.4
2004 02 25		12 03.05	+04 14.2	1.665	2.602	156.3	8.8	17.3	19.3
2004 03 06		11 56.38	+05 37.0	1.666	2.644	167.8	4.5	17.3	19.1
2004 03 16		11 48.98	+06 58.1	1.694	2.686	174.6	2.0	17.4	19.0
2004 03 26		11 41.81	+08 09.9	1.751	2.729	165.8	5.1	17.6	19.3
2004 04 05		11 35.76	+09 06.3	1.834	2.772	154.7	8.9	17.7	19.6
2004 04 15		11 31.44	+09 44.3	1.942	2.815	143.8	12.1	17.9	19.9
2004 04 25		11 29.18	+10 03.5	2.070	2.858	133.6	14.8	18.1	20.2
2004 05 05		11 29.06	+10 04.9	2.215	2.901	123.9	16.8	18.4	20.4
2004 05 15		11 30.94	+09 50.7	2.372	2.944	114.8	18.2	18.6	20.7
2004 05 25		11 34.65	+09 23.1	2.540	2.986	106.3	19.0	18.8	20.9
2004 06 04		11 39.94	+08 44.5	2.713	3.029	98.2	19.4	19.0	21.1
2004 06 14		11 46.56	+07 56.8	2.890	3.072	90.5	19.3	19.2	21.2
2004 06 24		11 54.30	+07 01.8	3.067	3.114	83.2	18.9	19.4	21.4
2004 07 04		12 02.96	+06 01.0	3.243	3.156	76.0	18.2	19.5	21.5
2004 07 14		12 12.38	+04 55.7	3.415	3.198	69.1	17.3	19.7	21.6
2004 07 24		12 22.42	+03 47.0	3.582	3.239	62.4	16.1	19.9	21.7
2004 08 03		12 32.98	+02 36.1	3.742	3.280	55.8	14.8	20.0	21.8
2004 08 13		12 43.95	+01 23.7	3.892	3.321	49.3	13.4	20.2	21.8
2004 08 23		12 55.27	+00 10.6	4.033	3.362	42.8	11.8	20.3	21.9
2004 09 02		13 06.86	−01 02.2	4.161	3.402	36.4	10.1	20.4	21.9
2004 09 12		13 18.66	−02 14.3	4.276	3.441	30.0	8.4	20.5	21.9

40P/Väisälä

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 42666			
						ϵ	ϕ	m_1	m_2
2003 09 08		09 04.38	+14 36.2	3.054	2.247	30.7	13.2	18.5	20.5
2003 09 18		09 26.14	+13 26.5	2.938	2.193	35.0	15.3	18.1	20.4
2003 09 28		09 48.25	+12 08.6	2.819	2.140	39.3	17.2	17.7	20.3
2003 10 08		10 10.71	+10 43.5	2.699	2.090	43.5	19.2	17.3	20.2
2003 10 18		10 33.51	+09 12.4	2.577	2.042	47.6	21.1	16.9	20.1
2003 10 28		10 56.65	+07 36.6	2.456	1.998	51.6	23.0	16.5	20.0
2003 11 07		11 20.10	+05 57.9	2.337	1.957	55.6	24.7	16.1	19.9
2003 11 17		11 43.87	+04 18.4	2.220	1.919	59.6	26.4	15.7	19.8
2003 11 27		12 07.89	+02 40.5	2.106	1.886	63.6	27.9	15.4	19.7
2003 12 07		12 32.11	+01 06.7	1.996	1.858	67.5	29.3	15.1	19.6

2003 12 17	12 56.42	−00 20.2	1.891	1.835	71.5	30.6	14.8	19.5
2003 12 27	13 20.67	−01 37.3	1.792	1.817	75.6	31.6	14.5	19.4
2004 01 06	13 44.63	−02 41.8	1.697	1.804	79.8	32.4	14.3	19.3
2004 01 16	14 08.05	−03 31.3	1.608	1.797	84.1	33.0	14.2	19.2
2004 01 26	14 30.56	−04 03.7	1.525	1.796	88.7	33.2	14.0	19.1
2004 02 05	14 51.77	−04 17.9	1.447	1.801	93.6	33.1	14.0	19.0
2004 02 15	15 11.24	−04 13.4	1.375	1.811	98.8	32.6	13.9	18.9
2004 02 25	15 28.47	−03 50.9	1.309	1.827	104.5	31.6	13.9	18.7
2004 03 06	15 42.96	−03 12.4	1.249	1.849	110.6	30.2	14.0	18.6
2004 03 16	15 54.30	−02 21.0	1.197	1.875	117.3	28.1	14.1	18.5
2004 03 26	16 02.07	−01 21.3	1.153	1.906	124.7	25.5	14.2	18.4
2004 04 05	16 06.09	−00 19.6	1.120	1.942	132.5	22.3	14.4	18.3
2004 04 15	16 06.45	+00 36.9	1.101	1.981	140.6	18.7	14.6	18.2
2004 04 25	16 03.54	+01 20.5	1.097	2.025	148.6	15.0	14.9	18.1
2004 05 05	15 58.26	+01 43.9	1.112	2.071	155.2	11.8	15.2	18.0
2004 05 15	15 51.75	+01 42.6	1.147	2.120	158.6	10.0	15.6	18.1
2004 05 25	15 45.24	+01 15.4	1.203	2.172	157.1	10.5	16.0	18.3
2004 06 04	15 39.87	+00 24.7	1.281	2.226	151.6	12.5	16.5	18.5
2004 06 14	15 36.37	−00 44.6	1.379	2.282	144.3	15.1	16.9	18.8
2004 06 24	15 35.12	−02 07.0	1.495	2.340	136.5	17.4	17.4	19.1
2004 07 04	15 36.21	−03 37.3	1.629	2.398	128.6	19.3	18.0	19.4
2004 07 14	15 39.52	−05 11.2	1.776	2.458	120.9	20.8	18.5	19.7
2004 07 24	15 44.83	−06 45.3	1.936	2.519	113.5	21.7	19.0	20.0
2004 08 03	15 51.90	−08 17.4	2.105	2.581	106.3	22.2	19.5	20.2
2004 08 13	16 00.46	−09 45.5	2.283	2.644	99.3	22.2	20.0	20.5
2004 08 23	16 10.31	−11 08.5	2.466	2.706	92.5	21.9	20.4	20.7
2004 09 02	16 21.24	−12 25.5	2.653	2.770	85.9	21.3		20.9
2004 09 12	16 33.06	−13 35.9	2.842	2.833	79.3	20.4		21.0
2004 09 22	16 45.64	−14 39.2	3.031	2.896	72.8	19.3		21.2
2004 10 02	16 58.83	−15 35.1	3.217	2.960	66.3	18.0		21.3
2004 10 12	17 12.50	−16 23.4	3.400	3.024	59.8	16.6		21.4
2004 10 22	17 26.56	−17 04.0	3.576	3.087	53.3	15.0		21.5
2004 11 01	17 40.89	−17 36.8	3.745	3.150	46.8	13.3		21.6
2004 11 11	17 55.39	−18 01.9	3.904	3.213	40.3	11.5		21.7
2004 11 21	18 09.97	−18 19.6	4.051	3.276	33.8	9.6		21.7

90P/Gehrels

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 44184			
						ϵ	ϕ	m_1	m_2
2003 09 08		09 04.67	+24 37.6	4.962	4.167	34.2	7.8	21.3	21.6
2003 09 18		09 15.23	+23 58.9	4.911	4.208	41.3	9.1	21.3	21.7
2003 09 28		09 25.06	+23 22.6	4.845	4.250	48.6	10.2	21.4	21.7
2003 10 08		09 34.07	+22 49.8	4.766	4.291	56.2	11.2	21.4	21.7
2003 10 18		09 42.16	+22 21.4	4.674	4.332	64.1	11.9	21.4	21.8
2003 10 28		09 49.24	+21 58.2	4.573	4.373	72.2	12.5	21.4	21.7
2003 11 07		09 55.17	+21 41.2	4.465	4.415	80.7	12.8	21.4	21.7
2003 11 17		09 59.85	+21 31.2	4.352	4.456	89.6	12.8	21.4	21.7
2003 11 27		10 03.14	+21 28.7	4.239	4.498	98.9	12.5	21.4	21.6
2003 12 07		10 04.94	+21 34.1	4.130	4.539	108.5	11.9	21.4	21.6
2003 12 17		10 05.17	+21 47.0	4.029	4.581	118.5	10.9	21.4	21.5
2003 12 27		10 03.81	+22 06.7	3.941	4.622	128.9	9.5		21.4
2004 01 06		10 00.91	+22 31.8	3.872	4.663	139.5	7.9		21.3
2004 01 16		09 56.65	+23 00.0	3.825	4.705	150.3	6.0		21.2
2004 01 26		09 51.30	+23 28.8	3.806	4.746	160.7	3.9		21.1

2004 02 05	09 45.25	+23 55.3	3.816	4.787	169.0	2.3	21.1
2004 02 15	09 38.97	+24 17.1	3.857	4.828	168.3	2.4	21.1
2004 02 25	09 32.94	+24 32.2	3.929	4.869	159.7	4.0	21.3
2004 03 06	09 27.61	+24 39.5	4.030	4.910	149.4	5.9	21.4
2004 03 16	09 23.32	+24 38.9	4.157	4.951	139.0	7.6	21.6
2004 03 26	09 20.31	+24 30.5	4.306	4.991	128.7	9.0	21.8
2004 04 05	09 18.70	+24 15.2	4.473	5.032	118.8	10.0	21.9
2004 04 15	09 18.48	+23 53.7	4.654	5.072	109.2	10.8	22.0
2004 04 25	09 19.61	+23 27.1	4.843	5.113	99.9	11.2	22.2
2004 05 05	09 21.98	+22 56.0	5.036	5.153	90.9	11.3	22.3
2004 05 15	09 25.45	+22 21.1	5.231	5.193	82.3	11.1	22.4
2004 05 25	09 29.89	+21 43.0	5.422	5.233	73.9	10.7	22.4
2004 06 04	09 35.14	+21 02.1	5.607	5.272	65.8	10.1	22.5

154P/Brewington					Elements <i>MPC</i> 46622				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 08		09 14.79	+25 55.2	3.389	2.601	32.9	12.2	17.6	21.5
2003 09 18		09 30.47	+24 36.1	3.384	2.672	38.5	13.6	18.0	21.6
2003 09 28		09 44.85	+23 19.9	3.366	2.743	44.5	14.9	18.3	21.7
2003 10 08		09 57.88	+22 07.8	3.334	2.814	50.9	16.0	18.6	21.7
2003 10 18		10 09.56	+21 01.2	3.291	2.884	57.7	17.0	18.9	21.8
2003 10 28		10 19.79	+20 01.4	3.235	2.955	64.9	17.7	19.2	21.8
2003 11 07		10 28.49	+19 09.6	3.170	3.024	72.6	18.2	19.4	21.8
2003 11 17		10 35.53	+18 26.9	3.096	3.094	80.7	18.4	19.7	21.9
2003 11 27		10 40.77	+17 54.4	3.017	3.163	89.3	18.2	19.9	21.8
2003 12 07		10 44.03	+17 32.9	2.936	3.232	98.5	17.6	20.1	21.8
2003 12 17		10 45.19	+17 22.6	2.857	3.300	108.2	16.5	20.3	21.8
2003 12 27		10 44.11	+17 23.4	2.786	3.367	118.5	14.9	20.5	21.7
2004 01 06		10 40.77	+17 34.0	2.726	3.434	129.3	12.8	20.8	21.6
2004 01 16		10 35.31	+17 52.4	2.685	3.501	140.6	10.3	21.0	21.5
2004 01 26		10 28.03	+18 15.4	2.666	3.567	152.2	7.4	21.2	21.4
2004 02 05		10 19.44	+18 39.2	2.676	3.632	163.7	4.4		21.3
2004 02 15		10 10.22	+18 59.8	2.716	3.697	172.5	2.0		21.2
2004 02 25		10 01.13	+19 14.2	2.787	3.761	168.0	3.1		21.4
2004 03 06		09 52.89	+19 20.3	2.890	3.825	157.3	5.7		21.7
2004 03 16		09 46.03	+19 17.4	3.021	3.887	146.2	8.2		21.9
2004 03 26		09 40.91	+19 05.9	3.177	3.950	135.3	10.2		22.1
2004 04 05		09 37.66	+18 46.6	3.354	4.011	124.9	11.8		22.4

121P/Shoemaker-Holt					Elements MPC 42667				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 18		03 02.74	−05 31.6	2.591	3.321	129.4	13.5	19.0	22.5
2003 09 28		03 00.97	−06 18.5	2.476	3.291	138.1	11.7	18.8	22.3
2003 10 08		02 57.20	−07 04.8	2.382	3.261	146.4	9.8	18.7	22.1
2003 10 18		02 51.68	−07 45.6	2.310	3.231	153.3	8.0	18.5	21.9
2003 10 28		02 44.83	−08 15.7	2.264	3.202	156.9	7.0	18.4	21.8
2003 11 07		02 37.29	−08 30.2	2.245	3.173	155.3	7.5	18.3	21.8
2003 11 17		02 29.83	−08 25.8	2.253	3.144	149.3	9.2	18.2	21.9
2003 11 27		02 23.20	−08 01.1	2.286	3.115	141.0	11.5	18.2	22.0
2003 12 07		02 18.06	−07 16.6	2.341	3.087	131.9	13.7	18.1	22.1
2003 12 17		02 14.82	−06 14.6	2.415	3.060	122.6	15.7	18.1	22.2
2003 12 27		02 13.71	−04 58.2	2.503	3.033	113.5	17.3	18.1	22.3
2004 01 06		02 14.80	−03 30.3	2.603	3.006	104.7	18.4	18.1	22.4
2004 01 16		02 18.00	−01 54.2	2.709	2.980	96.2	19.2	18.1	22.5

C/2003 A2 (Gleason)				Elements MPC 48381					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 18		09 35.99	+12 14.2	12.265	11.429	32.4	2.7	19.5	
2003 09 28		09 39.79	+11 57.1	12.163	11.428	41.2	3.3	19.5	
2003 10 08		09 43.28	+11 41.0	12.042	11.427	50.1	3.8	19.5	
2003 10 18		09 46.43	+11 26.4	11.905	11.427	59.2	4.3	19.5	
2003 10 28		09 49.16	+11 13.7	11.754	11.427	68.5	4.6	19.4	
2003 11 07		09 51.43	+11 03.3	11.594	11.426	77.9	4.9	19.4	
2003 11 17		09 53.20	+10 55.4	11.428	11.427	87.5	5.0	19.4	
2003 11 27		09 54.43	+10 50.4	11.260	11.427	97.2	4.9	19.3	
2003 12 07		09 55.11	+10 48.3	11.097	11.427	107.2	4.7	19.3	
2003 12 17		09 55.22	+10 49.5	10.943	11.428	117.3	4.4	19.3	
2003 12 27		09 54.79	+10 53.6	10.802	11.429	127.7	3.9	19.2	
2004 01 06		09 53.86	+11 00.8	10.680	11.431	138.1	3.3	19.2	
2004 01 16		09 52.49	+11 10.4	10.581	11.432	148.6	2.6	19.2	
2004 01 26		09 50.77	+11 22.2	10.508	11.434	159.3	1.7	19.2	
2004 02 05		09 48.81	+11 35.5	10.464	11.436	169.9	0.9	19.2	
2004 02 15		09 46.72	+11 49.7	10.451	11.438	178.4	0.1	19.2	
2004 02 25		09 44.65	+12 04.0	10.468	11.440	168.6	1.0	19.2	
2004 03 06		09 42.72	+12 17.7	10.517	11.443	158.1	1.9	19.2	
2004 03 16		09 41.04	+12 30.2	10.593	11.446	147.7	2.7	19.2	
2004 03 26		09 39.73	+12 41.0	10.695	11.449	137.4	3.4	19.2	
2004 04 05		09 38.86	+12 49.7	10.819	11.452	127.3	4.0	19.3	
2004 04 15		09 38.48	+12 55.8	10.960	11.456	117.3	4.5	19.3	
2004 04 25		09 38.64	+12 59.2	11.115	11.459	107.6	4.8	19.3	
2004 05 05		09 39.34	+12 59.8	11.279	11.463	98.0	5.0	19.4	
2004 05 15		09 40.58	+12 57.7	11.446	11.468	88.7	5.1	19.4	
2004 05 25		09 42.34	+12 52.7	11.614	11.472	79.5	5.0	19.4	
2004 06 04		09 44.58	+12 45.1	11.776	11.477	70.4	4.8	19.5	
2004 06 14		09 47.25	+12 35.0	11.931	11.481	61.6	4.5	19.5	
2004 06 24		09 50.32	+12 22.6	12.073	11.486	52.8	4.0	19.5	
2004 07 04		09 53.73	+12 08.1	12.200	11.492	44.1	3.5	19.5	
2004 07 14		09 57.41	+11 51.9	12.310	11.497	35.5	2.9	19.6	

C/2002 K2 (LINEAR)					Elements MPC 48921				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 28		14 42.28	+30 44.2	7.599	6.962	47.6	6.1		21.1
2003 10 08		14 44.69	+30 17.2	7.681	7.008	44.8	5.8		21.1
2003 10 18		14 47.50	+29 57.5	7.742	7.054	43.6	5.6		21.1
2003 10 28		14 50.60	+29 45.6	7.783	7.101	43.9	5.6		21.2
2003 11 07		14 53.85	+29 42.4	7.803	7.147	45.8	5.7		21.2
2003 11 17		14 57.12	+29 48.4	7.802	7.194	49.2	6.0		21.2
2003 11 27		15 00.28	+30 04.0	7.782	7.241	53.7	6.3		21.2
2003 12 07		15 03.21	+30 29.6	7.745	7.289	59.1	6.7		21.3
2003 12 17		15 05.75	+31 05.4	7.694	7.337	65.3	7.0		21.3
2003 12 27		15 07.77	+31 51.3	7.630	7.385	71.9	7.3		21.3
2004 01 06		15 09.10	+32 47.2	7.559	7.433	78.9	7.5		21.3
2004 01 16		15 09.61	+33 52.2	7.484	7.481	86.1	7.5		21.3
2004 01 26		15 09.14	+35 05.3	7.409	7.530	93.3	7.5		21.3
2004 02 05		15 07.53	+36 24.9	7.339	7.579	100.3	7.4		21.3
2004 02 15		15 04.69	+37 48.8	7.279	7.628	107.1	7.1		21.2
2004 02 25		15 00.51	+39 14.4	7.233	7.677	113.2	6.8		21.2
2004 03 06		14 54.96	+40 38.4	7.204	7.726	118.4	6.5		21.2

2004 03 16	14 48.09	+41 57.7	7.196	7.776	122.4	6.2	21.2
2004 03 26	14 40.02	+43 08.8	7.212	7.825	124.9	6.0	21.2
2004 04 05	14 30.97	+44 08.6	7.252	7.875	125.5	5.9	21.2
2004 04 15	14 21.26	+44 55.0	7.317	7.925	124.3	6.0	21.3
2004 04 25	14 11.28	+45 26.3	7.405	7.975	121.3	6.2	21.3
2004 05 05	14 01.43	+45 42.2	7.516	8.026	117.1	6.4	21.4
2004 05 15	13 52.08	+45 43.4	7.646	8.076	111.8	6.7	21.5
2004 05 25	13 43.57	+45 31.2	7.792	8.127	105.8	6.9	21.5
2004 06 04	13 36.11	+45 07.6	7.950	8.177	99.4	7.0	21.6
2004 06 14	13 29.85	+44 34.9	8.116	8.228	92.8	7.1	21.6
2004 06 24	13 24.84	+43 55.4	8.287	8.279	86.0	7.0	21.7
2004 07 04	13 21.07	+43 11.2	8.458	8.330	79.3	6.9	21.8
2004 07 14	13 18.47	+42 24.4	8.626	8.381	72.7	6.7	21.8
2004 07 24	13 16.96	+41 36.6	8.787	8.432	66.4	6.3	21.8
2004 08 03	13 16.42	+40 49.4	8.938	8.484	60.4	6.0	21.9
2004 08 13	13 16.72	+40 03.9	9.076	8.535	55.0	5.6	21.9
2004 08 23	13 17.76	+39 21.4	9.199	8.587	50.2	5.2	21.9
2004 09 02	13 19.41	+38 42.7	9.304	8.638	46.3	4.8	21.9
2004 09 12	13 21.55	+38 08.7	9.391	8.690	43.6	4.6	22.0

99P/Kowal

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 28		07 09.08	+26 28.2	6.250	6.138	79.0	9.2	20.3	22.5
2003 10 08		07 12.68	+26 29.6	6.075	6.122	88.0	9.4	20.2	22.5
2003 10 18		07 15.23	+26 33.0	5.899	6.106	97.3	9.3	20.1	22.4
2003 10 28		07 16.64	+26 38.7	5.726	6.091	106.9	9.0	20.1	22.3
2003 11 07		07 16.83	+26 46.5	5.562	6.075	116.9	8.4	20.0	22.2
2003 11 17		07 15.77	+26 56.3	5.411	6.059	127.1	7.5	19.9	22.1
2003 11 27		07 13.48	+27 07.7	5.277	6.043	137.7	6.3	19.8	22.0
2003 12 07		07 10.06	+27 19.8	5.165	6.028	148.5	4.9	19.8	21.9
2003 12 17		07 05.70	+27 31.8	5.080	6.012	159.4	3.3	19.7	21.7
2003 12 27		07 00.64	+27 42.7	5.025	5.996	170.0	1.6	19.7	21.6
2004 01 06		06 55.24	+27 51.6	5.001	5.980	174.3	0.9	19.6	21.5
2004 01 16		06 49.88	+27 57.7	5.008	5.964	165.1	2.4	19.6	21.6
2004 01 26		06 44.91	+28 01.0	5.046	5.948	154.2	4.1	19.6	21.8
2004 02 05		06 40.70	+28 01.3	5.112	5.932	143.3	5.7	19.6	21.9
2004 02 15		06 37.50	+27 59.1	5.203	5.916	132.5	7.1	19.7	22.0
2004 02 25		06 35.50	+27 54.7	5.314	5.900	122.1	8.2	19.7	22.1
2004 03 06		06 34.79	+27 48.6	5.441	5.884	111.9	9.0	19.7	22.1
2004 03 16		06 35.40	+27 41.2	5.577	5.867	102.1	9.5	19.8	22.2
2004 03 26		06 37.28	+27 32.8	5.720	5.851	92.7	9.8	19.8	22.3
2004 04 05		06 40.36	+27 23.4	5.863	5.835	83.5	9.8	19.8	22.3
2004 04 15		06 44.53	+27 13.1	6.004	5.819	74.6	9.6	19.9	22.3
2004 04 25		06 49.68	+27 01.8	6.138	5.803	66.1	9.1	19.9	22.4
2004 05 05		06 55.69	+26 49.3	6.262	5.787	57.7	8.5	19.9	22.4
2004 05 15		07 02.43	+26 35.6	6.374	5.771	49.6	7.7	19.9	22.4
2004 05 25		07 09.80	+26 20.4	6.471	5.755	41.7	6.7	20.0	22.4
2004 06 04		07 17.67	+26 03.7	6.552	5.739	33.9	5.7	20.0	22.3

47P/Ashbrook-Jackson

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 28		10 32.91	+15 31.5	5.910	5.075	30.8	5.8		21.8
2003 10 08		10 40.30	+14 47.1	5.834	5.091	38.6	7.0		21.9
2003 10 18		10 47.22	+14 05.8	5.740	5.107	46.6	8.1		21.9

2003 10 28	10 53.54	+13 28.5	5.631	5.122	54.8	9.1	21.9
2003 11 07	10 59.18	+12 55.8	5.507	5.137	63.2	9.9	21.9
2003 11 17	11 04.02	+12 28.5	5.371	5.152	72.0	10.5	21.9
2003 11 27	11 07.94	+12 07.3	5.228	5.166	81.0	10.9	21.8
2003 12 07	11 10.82	+11 52.8	5.080	5.180	90.3	11.0	21.8
2003 12 17	11 12.56	+11 45.5	4.931	5.194	100.0	10.8	21.7
2003 12 27	11 13.05	+11 45.7	4.787	5.207	110.0	10.2	21.6
2004 01 06	11 12.23	+11 53.4	4.653	5.219	120.4	9.4	21.5
2004 01 16	11 10.08	+12 07.9	4.533	5.232	131.0	8.2	21.4
2004 01 26	11 06.68	+12 28.4	4.433	5.244	142.0	6.6	21.3
2004 02 05	11 02.15	+12 53.1	4.357	5.255	153.1	4.9	21.2
2004 02 15	10 56.75	+13 20.2	4.310	5.267	164.1	2.9	21.1
2004 02 25	10 50.79	+13 47.2	4.293	5.278	173.3	1.3	21.0
2004 03 06	10 44.67	+14 11.8	4.309	5.288	169.8	1.9	21.0
2004 03 16	10 38.78	+14 32.0	4.356	5.298	159.4	3.8	21.2
2004 03 26	10 33.47	+14 46.3	4.432	5.308	148.5	5.6	21.3
2004 04 05	10 29.07	+14 53.6	4.534	5.317	137.7	7.3	21.4
2004 04 15	10 25.78	+14 53.6	4.659	5.326	127.3	8.6	21.6
2004 04 25	10 23.70	+14 46.5	4.800	5.335	117.1	9.7	21.7
2004 05 05	10 22.89	+14 32.5	4.955	5.343	107.4	10.4	21.8
2004 05 15	10 23.30	+14 12.3	5.117	5.351	98.0	10.8	21.9
2004 05 25	10 24.87	+13 46.4	5.282	5.359	88.9	10.9	21.9
2004 06 04	10 27.49	+13 15.4	5.447	5.366	80.1	10.7	22.0
2004 06 14	10 31.05	+12 39.9	5.607	5.373	71.6	10.3	22.1
2004 06 24	10 35.43	+12 00.4	5.760	5.379	63.3	9.7	22.1
2004 07 04	10 40.51	+11 17.4	5.901	5.385	55.2	8.9	22.1
2004 07 14	10 46.18	+10 31.4	6.030	5.391	47.2	8.0	22.1
2004 07 24	10 52.35	+09 42.9	6.143	5.397	39.4	6.9	22.1
2004 08 03	10 58.91	+08 52.1	6.239	5.402	31.7	5.7	22.1

C/2002 A3 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 09 28	10	56.09	+22 56.4	7.265	6.431	31.5	4.7	18.9	
2003 10 08	11	03.59	+22 56.0	7.219	6.474	39.0	5.6	18.9	
2003 10 18	11	10.74	+23 00.5	7.156	6.516	46.9	6.4	18.9	
2003 10 28	11	17.47	+23 10.6	7.078	6.559	55.0	7.1	18.9	
2003 11 07	11	23.67	+23 27.1	6.987	6.603	63.4	7.7	18.9	
2003 11 17	11	29.27	+23 50.6	6.886	6.647	72.0	8.1	18.9	
2003 11 27	11	34.18	+24 21.7	6.778	6.691	80.8	8.4	18.9	
2003 12 07	11	38.29	+25 00.5	6.668	6.735	89.7	8.4	18.9	
2003 12 17	11	41.52	+25 47.0	6.559	6.780	98.8	8.2	18.9	
2003 12 27	11	43.81	+26 40.7	6.456	6.825	108.0	7.9	18.9	
2004 01 06	11	45.07	+27 40.7	6.365	6.871	117.2	7.3	18.9	
2004 01 16	11	45.30	+28 45.5	6.289	6.916	126.3	6.6	18.9	
2004 01 26	11	44.51	+29 53.1	6.233	6.962	134.9	5.8	18.9	
2004 02 05	11	42.76	+31 01.1	6.200	7.009	142.6	4.9	18.9	
2004 02 15	11	40.18	+32 06.9	6.193	7.055	148.6	4.2	18.9	
2004 02 25	11	36.95	+33 07.7	6.215	7.102	151.7	3.8	19.0	
2004 03 06	11	33.31	+34 01.2	6.265	7.149	151.0	3.9	19.0	
2004 03 16	11	29.53	+34 45.6	6.344	7.196	146.8	4.3	19.1	
2004 03 26	11	25.87	+35 19.7	6.448	7.244	140.3	5.0	19.1	
2004 04 05	11	22.61	+35 43.0	6.577	7.292	132.7	5.8	19.2	
2004 04 15	11	19.95	+35 55.8	6.725	7.340	124.5	6.5	19.3	

2004 04 25	11 18.05	+35 58.8	6.890	7.388	116.1	7.0	19.4
2004 05 05	11 17.03	+35 53.1	7.068	7.436	107.6	7.4	19.5
2004 05 15	11 16.92	+35 39.9	7.254	7.485	99.3	7.7	19.5
2004 05 25	11 17.74	+35 20.5	7.445	7.534	91.2	7.7	19.6
2004 06 04	11 19.45	+34 56.2	7.636	7.583	83.2	7.6	19.7
2004 06 14	11 21.98	+34 28.1	7.824	7.632	75.4	7.4	19.8
2004 06 24	11 25.28	+33 57.2	8.006	7.681	67.9	7.0	19.9
2004 07 04	11 29.25	+33 24.7	8.178	7.731	60.6	6.6	19.9
2004 07 14	11 33.82	+32 51.2	8.339	7.780	53.7	6.0	20.0
2004 07 24	11 38.90	+32 17.5	8.486	7.830	47.1	5.5	20.1
2004 08 03	11 44.41	+31 44.5	8.617	7.880	41.1	4.9	20.1
2004 08 13	11 50.27	+31 12.7	8.730	7.930	35.7	4.3	20.2
2004 08 23	11 56.41	+30 42.8	8.825	7.980	31.5	3.8	20.2

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2002 CB ₅₁	2003 07 13.0	19 27.34	-31 38.3	17.5	-1.02	+ 4.6	5.2/12.5	30646
2000 WA ₄₂	2003 07 13.0	19 27.34	-43 25.3	17.9	-1.18	- 4.4	9.1/09.5	30425
2000 YV ₉₈	2003 07 13.0	19 27.35	-21 09.6	19.6	-0.86	+ 0.2	0.2/13.1	33890
1995 VN ₂	2003 07 13.0	19 27.39	-31 27.2	19.8	-1.01	- 2.4	3.6/11.7	47699
2000 VE ₂₂	2003 07 13.0	19 27.43	-09 19.8	20.1	-0.88	- 0.7	3.9/14.5	31920
1999 VL ₁₆₁	2003 07 13.0	19 27.47	-41 29.2	18.5	-1.01	- 3.5	6.5/09.9	31303
2001 XN ₂₁₃	2003 07 13.0	19 27.48	-15 23.3	18.7	-1.00	- 4.4	2.5/14.0	26088
2000 WC ₁₅₈	2003 07 13.0	19 27.52	-36 07.8	19.6	-1.02	- 3.0	4.0/10.9	13798
2000 WK ₁	2003 07 13.0	19 27.54	-20 39.8	18.1	-0.98	+ 0.5	0.6/13.2	47986
2000 SO ₂₇₁	2003 07 13.0	19 27.54	-00 45.3	18.6	-0.88	- 3.2	8.2/16.4	30403
2000 WA ₁₁₁	2003 07 13.0	19 27.55	-25 48.4	20.8	-1.02	- 1.5	1.3/12.6	18303
2002 EJ ₇₂	2003 07 13.0	19 27.58	-15 26.3	20.4	-1.00	- 2.3	2.5/13.9	33537
2000 SP ₂₄	2003 07 13.0	19 27.58	-23 51.4	19.8	-1.06	- 1.0	0.7/12.8	47941
1995 CM ₆	2003 07 13.0	19 27.63	-19 08.5	19.8	-0.81	- 1.8	0.9/13.4	47695
1995 SE ₂	2003 07 13.0	19 27.67	-37 36.5	19.6	-1.18	+ 0.5	5.8/11.4	12110
1998 QL ₈₅	2003 07 13.0	19 27.67	-07 06.2	18.3	-0.88	+ 2.7	5.2/14.0	47736
1999 TP ₆₉	2003 07 13.0	19 27.71	-22 50.1	18.6	-0.89	- 1.6	0.3/13.0	31866
2002 FS ₁₅	2003 07 13.0	19 27.73	-28 33.1	18.3	-1.04	- 5.9	2.9/11.9	48225
1981 EG ₄₅	2003 07 13.0	19 27.74	-21 47.7	18.5	-1.08	- 0.4	0.1/13.1	27574
1999 RV ₄₉	2003 07 13.0	19 27.76	-31 43.3	18.9	-1.08	+ 0.9	3.3/12.2	30306
2000 YM ₈	2003 07 13.1	19 27.80	-19 27.1	18.8	-1.00	- 3.9	1.1/13.5	47997
2000 AA ₇	2003 07 13.1	19 27.80	-15 08.8	17.6	-0.96	+ 4.8	2.4/13.4	30344
1999 CW ₄₈	2003 07 13.1	19 27.81	-22 34.6	19.1	-1.08	- 4.6	0.3/13.0	33798
2002 EV ₂₂	2003 07 13.1	19 27.85	-08 49.7	19.8	-0.91	- 0.9	4.7/14.6	48216
2000 WO ₄₃	2003 07 13.1	19 27.87	-02 14.9	18.8	-0.88	+ 0.2	7.0/15.3	31923
2000 UB ₉₈	2003 07 13.1	19 27.88	-25 06.1	18.5	-1.10	- 0.7	1.4/12.8	13794
1993 TJ ₂₅	2003 07 13.1	19 27.92	-39 32.7	19.5	-1.00	- 2.9	5.9/10.4	32999
1998 RR ₅₀	2003 07 13.1	19 27.93	-48 40.3	18.2	-1.18	+ 1.2	10.4/10.0	47740
1999 JL ₂₂	2003 07 13.1	19 27.94	-27 20.0	18.5	-1.12	- 1.4	2.2/12.5	30295
2002 JE ₁₁₈	2003 07 13.1	19 28.11	-31 26.5	18.5	-0.93	- 7.7	3.0/11.3	31742
2002 KA	2003 07 13.1	19 28.11	-11 41.8	19.0	-0.74	- 5.6	3.1/15.1	48238
1999 TV ₁₄₅	2003 07 13.1	19 28.15	-19 59.3	18.8	-0.87	- 2.7	0.6/13.4	30323
1999 TE ₅₂	2003 07 13.1	19 28.19	-11 20.3	20.2	-0.80	- 1.1	3.3/14.5	47802
2000 RN ₆₆	2003 07 13.1	19 28.20	-16 17.4	16.6	-0.87	- 5.9	3.0/14.2	47936
2000 RO ₇₃	2003 07 13.1	19 28.23	-33 04.8	20.4	-1.20	- 3.1	4.3/11.6	31913

2000 VE ₄₇	2003 07 13.2	19 28.14	-07 56.8	18.2	-0.87	+ 1.5	4.3/14.5	30421
2615 T-3	2003 07 13.2	19 28.19	-26 48.2	19.5	-0.96	- 1.5	1.5/12.6	3850
1999 RF ₁₈	2003 07 13.2	19 28.25	-22 54.0	19.5	-0.95	- 1.6	0.4/13.1	47787
2000 US ₈₆	2003 07 13.2	19 28.29	-20 14.6	19.0	-0.98	- 5.1	0.7/13.5	47981
2000 VY ₅₃	2003 07 13.2	19 28.33	-30 19.5	17.1	-1.02	0.0	4.1/12.4	30422
1999 RL ₁₈₉	2003 07 13.2	19 28.45	-45 09.8	19.0	-1.21	+ 1.6	9.9/11.0	47796
2001 AW ₂₉	2003 07 13.2	19 28.45	-30 03.0	18.6	-0.98	- 3.3	3.2/12.1	30445
2000 SX ₉₉	2003 07 13.2	19 28.46	-21 51.0	19.0	-1.07	- 1.4	0.0/13.3	29338
2000 GZ ₁₆₈	2003 07 13.2	19 28.48	-60 41.5	18.2	-2.01	- 8.8	19.0/03.2	25779
1999 RQ ₁₇₁	2003 07 13.2	19 28.53	-03 34.0	18.6	-0.81	- 6.0	8.2/16.6	47795
2000 QN ₁₆₈	2003 07 13.2	19 28.59	-16 18.2	18.7	-1.06	- 0.5	2.9/13.9	13709
1996 VO ₁₀	2003 07 13.3	19 28.57	-16 21.6	18.1	-1.01	+ 2.6	2.7/13.7	47706
1999 XA ₁₂₃	2003 07 13.3	19 28.60	-18 26.2	19.7	-0.86	+ 0.4	1.0/13.7	17103
1999 VU ₁₃₆	2003 07 13.3	19 28.64	-17 18.4	20.2	-0.78	- 1.1	1.3/13.9	33839
1999 XW ₁₆₀	2003 07 13.3	19 28.65	-16 39.0	19.0	-0.81	- 1.0	1.6/13.9	30342
2002 BG ₄	2003 07 13.3	19 28.69	-34 36.7	17.7	-1.10	- 7.8	5.1/11.0	30630
2000 WF ₇₁	2003 07 13.3	19 28.70	-24 30.8	17.7	-0.97	+ 0.2	0.9/13.1	33886
2001 BC ₁₂	2003 07 13.3	19 28.73	-17 56.5	18.7	-0.80	- 2.8	1.4/13.9	27188
2000 QA ₂	2003 07 13.3	19 28.81	+08 46.4	21.8	-0.95	- 5.7	10.2/19.0	47910
2002 ES ₄₁	2003 07 13.3	19 28.86	-27 31.6	20.4	-1.12	- 0.2	2.2/12.8	48218
1998 SX ₅₉	2003 07 13.3	19 28.86	-29 15.0	17.2	-0.87	- 3.6	3.1/12.2	31243
1999 JR ₂₅	2003 07 13.3	19 28.88	-24 37.4	19.4	-1.10	- 2.1	1.2/13.0	33809
2002 GU ₁₀₅	2003 07 13.3	19 28.89	-08 06.4	19.4	-0.94	- 7.1	6.0/15.8	48230
2001 XF ₂₁₀	2003 07 13.3	19 28.90	-35 17.7	16.9	-1.29	-16.0	5.6/10.0	26088
2000 SU ₉₉	2003 07 13.3	19 28.95	-22 30.6	18.1	-1.05	- 1.1	0.3/13.3	30391
2001 BS ₇₇	2003 07 13.3	19 28.95	-26 36.1	19.9	-0.93	+ 0.4	1.6/12.9	48008
2002 EW ₉₀	2003 07 13.3	19 28.95	-32 24.2	18.9	-1.02	- 1.2	4.2/12.1	31980
2000 AG ₁₉₉	2003 07 13.3	19 28.97	-27 41.6	19.1	-0.88	- 4.7	1.7/12.4	31894
2002 AM ₁₉₇	2003 07 13.3	19 29.00	-13 37.9	19.9	-1.06	- 0.4	3.4/14.3	48194
2002 AU ₁₀₀	2003 07 13.4	19 28.94	-25 53.7	18.7	-1.03	- 3.9	1.7/12.8	30614
2001 XB ₁₉₀	2003 07 13.4	19 28.99	-18 13.3	19.7	-1.03	- 2.9	1.4/13.9	30583
2000 QR ₁₃₀	2003 07 13.4	19 29.01	-14 52.0	19.6	-1.06	- 3.5	3.0/14.4	30370
2001 BS ₆	2003 07 13.4	19 29.06	-24 08.1	20.1	-0.85	- 5.0	0.7/13.0	48005
2002 CO ₃₈	2003 07 13.4	19 29.07	-30 12.6	18.2	-1.09	+ 1.0	4.1/12.6	29779
2000 QB ₁₂₄	2003 07 13.4	19 29.10	-35 27.9	17.6	-1.15	- 3.3	7.1/11.3	47921
2002 FP	2003 07 13.4	19 29.10	-15 47.2	19.1	-0.90	- 1.2	2.3/14.2	30086
1995 YE ₂₀	2003 07 13.4	19 29.13	-19 16.8	20.3	-0.84	- 2.6	0.8/13.8	47701
2000 WV ₁₃₆	2003 07 13.4	19 29.14	-25 46.8	21.0	-0.96	- 1.4	1.2/13.0	47992
1999 RH ₁₃₄	2003 07 13.4	19 29.16	-23 35.2	18.8	-1.01	+ 1.1	0.7/13.3	35477
2002 GT ₁₀₆	2003 07 13.4	19 29.29	-29 34.3	17.5	-0.91	- 6.3	3.1/12.0	48230
6362 P-L	2003 07 13.4	19 29.31	-10 15.3	19.0	-0.96	- 0.9	5.9/14.8	11064
2000 SS ₂₂₉	2003 07 13.4	19 29.31	-17 36.0	19.6	-0.99	- 2.2	1.7/14.0	47960
2002 CP ₆₃	2003 07 13.4	19 29.39	-31 36.9	18.5	-1.09	- 4.2	4.0/12.0	30649
2000 SZ ₃₃₄	2003 07 13.5	19 29.36	-30 24.4	17.9	-1.09	- 5.7	4.4/12.0	13779
2002 CZ ₁₅₁	2003 07 13.5	19 29.37	-22 02.0	20.9	-1.03	- 3.0	0.1/13.5	48207
2000 UQ ₂	2003 07 13.5	19 29.43	-37 12.0	18.0	-1.11	- 5.1	5.3/10.9	31918
2002 FG ₁₂	2003 07 13.5	19 29.43	-27 09.9	20.4	-1.11	- 2.8	2.0/12.8	31987
2002 JG ₄₀	2003 07 13.5	19 29.46	+13 01.5	18.1	-0.86	+ 0.3	13.1/17.6	31661
2002 EZ ₇₀	2003 07 13.5	19 29.49	-07 15.6	18.8	-0.85	- 2.3	5.4/15.6	33970
1995 UK ₆₅	2003 07 13.5	19 29.50	-46 10.6	19.8	-1.19	- 2.3	9.3/10.0	47699
2000 SX ₂₅₅	2003 07 13.5	19 29.50	-27 37.8	18.1	-1.03	- 3.7	2.8/12.7	33884

2000 YN ₁₀₃	2003 07 13.5	19 29.54 -11 53.7 19.4	-0.85 - 3.8	3.3/15.1	48001
2000 SB ₄₃	2003 07 13.5	19 29.54 -43 27.6 17.9	-1.25 - 2.2	7.8/10.6	31914
1999 XK ₅₁	2003 07 13.5	19 29.59 -20 17.4 19.0	-0.85 - 1.5	0.6/13.7	47830
2000 YR ₈₀	2003 07 13.5	19 29.62 -17 22.1 19.1	-0.85 + 0.3	1.4/14.0	34988
1999 VK ₅₂	2003 07 13.5	19 29.67 -37 44.3 18.4	-0.98 - 3.5	5.2/11.0	31875
1999 TJ ₂₄₃	2003 07 13.5	19 29.68 -14 40.2 20.6	-0.88 - 1.9	2.6/14.5	47812
1999 XF ₁₁₄	2003 07 13.5	19 29.70 -34 30.4 20.1	-0.96 + 0.1	3.6/12.1	47832
1998 ST ₇₆	2003 07 13.5	19 29.78 +10 08.9 18.3	-0.75 - 0.2	11.0/17.8	31832
2002 FN ₈	2003 07 13.5	19 29.79 -25 11.1 18.3	-0.90 + 0.3	1.3/13.2	31986
2001 WT ₅	2003 07 13.5	19 29.84 -18 50.6 19.1	-1.19 + 3.7	1.0/13.8	46924
2002 EH ₁₃₄	2003 07 13.6	19 29.77 -19 08.6 19.8	-0.97 - 2.2	1.0/14.0	31478
2000 RO ₁₈	2003 07 13.6	19 29.80 -14 28.3 18.9	-1.04 - 0.3	3.7/14.3	29276
2002 CZ ₃₉	2003 07 13.6	19 29.84 -00 13.7 19.4	-0.89 - 2.2	8.2/16.9	29780
1999 TB ₄	2003 07 13.6	19 29.86 -26 49.7 20.4	-0.88 - 1.1	1.5/13.0	11562
2000 SN ₂₀₅	2003 07 13.6	19 29.87 -12 52.7 19.1	-0.96 - 1.9	3.3/14.8	30398
2000 WB ₁₇₉	2003 07 13.6	19 29.92 +13 45.7 18.4	-0.85 - 1.8	13.3/19.3	30433
2000 XW ₅₀	2003 07 13.6	19 29.96 -29 13.9 19.8	-1.02 + 0.1	2.5/12.9	30438
2000 WA ₉₆	2003 07 13.6	19 29.99 -24 39.3 19.7	-1.07 - 3.7	1.1/13.2	47990
2002 CL ₉₈	2003 07 13.6	19 30.04 -08 47.6 18.6	-0.84 - 5.8	4.8/16.1	29811
1995 WR ₁₁	2003 07 13.6	19 30.10 -23 36.2 21.2	-0.91 - 3.7	0.6/13.4	47700
2000 SX ₅₉	2003 07 13.6	19 30.11 -22 50.8 19.6	-1.04 - 1.7	0.4/13.5	47945
2000 RK ₆₉	2003 07 13.6	19 30.15 -27 38.1 18.8	-1.10 - 2.7	2.2/12.9	30382
1999 TL ₁₇₈	2003 07 13.6	19 30.21 -22 10.6 20.5	-0.86 - 0.8	0.1/13.6	12174
2000 WA ₁₁₉	2003 07 13.7	19 30.18 -30 38.2 19.6	-1.09 - 1.5	3.6/12.6	33318
2000 SQ ₂₂₅	2003 07 13.7	19 30.19 -19 57.5 18.9	-0.92 - 3.7	0.6/14.0	31916
2002 JL ₁₁₉	2003 07 13.7	19 30.24 -08 27.4 19.8	-0.79 - 1.2	4.3/15.4	33578
2000 YL ₁₂₄	2003 07 13.7	19 30.25 -19 49.8 19.2	-1.02 - 3.7	0.8/14.0	30444
2002 EG ₈₈	2003 07 13.7	19 30.26 -15 24.4 19.9	-0.91 - 2.8	2.2/14.6	31980
1999 VM ₆₃	2003 07 13.7	19 30.26 -10 16.1 17.3	-0.99 + 0.6	5.3/14.7	30332
1998 GA ₁₀	2003 07 13.7	19 30.28 -34 06.8 19.7	-1.08 - 4.9	4.3/11.8	27601
2000 SO ₂₂₇	2003 07 13.7	19 30.31 -18 18.6 19.7	-1.00 - 5.3	1.5/14.3	47960
1999 NA ₅₄	2003 07 13.7	19 30.35 +00 48.9 17.9	-0.61 - 8.6	12.0/19.7	36546
2000 UN ₆	2003 07 13.7	19 30.37 -21 27.5 19.0	-1.12 - 2.6	0.2/13.8	13787
2000 UD ₉	2003 07 13.7	19 30.37 -35 44.6 18.5	-1.14 - 4.6	6.0/11.4	47975
2001 TX ₃₂	2003 07 13.7	19 30.38 +20 37.4 20.8	-1.25 + 6.2	20.5/15.2	32794
2000 UL ₉	2003 07 13.7	19 30.40 -13 21.8 18.2	-0.99 - 0.8	3.4/14.7	30411
2002 AR ₁₈₇	2003 07 13.7	19 30.42 -17 13.5 18.4	-1.04 + 1.3	2.0/14.2	29759
2001 XO	2003 07 13.7	19 30.42 -28 44.2 19.2	-1.25 -11.9	2.8/12.3	33948
1999 RS ₂₁₁	2003 07 13.7	19 30.49 -23 19.5 18.5	-1.00 + 0.5	0.6/13.6	47797
1999 JO ₁₁₁	2003 07 13.7	19 30.49 -13 42.5 18.5	-1.00 - 3.3	3.2/14.9	33813
2000 RU ₈₅	2003 07 13.7	19 30.57 -12 28.6 20.1	-1.03 - 3.5	4.0/15.1	29303
1999 VJ ₄₅	2003 07 13.7	19 30.66 -36 59.4 18.7	-1.06 - 2.2	6.0/11.6	29167
1999 RK ₂₃₉	2003 07 13.8	19 30.63 -01 06.8 19.1	-0.84 - 6.8	8.9/17.7	47798
2002 AK ₁₄₈	2003 07 13.8	19 30.64 -23 31.3 19.2	-1.05 - 2.1	0.7/13.6	30621
2001 AH ₄₈	2003 07 13.8	19 30.66 -23 30.1 20.3	-0.86 - 2.5	0.6/13.6	30446
2000 TU ₄₆	2003 07 13.8	19 30.67 -66 42.0 19.8	-2.12 + 2.3	19.4/10.4	19900
1989 AZ ₅	2003 07 13.8	19 30.72 -22 03.3 20.5	-0.96 - 3.1	0.1/13.8	47681
2000 WL ₄₉	2003 07 13.8	19 30.73 -20 56.3 18.2	-1.04 + 1.1	0.3/13.9	47989
2002 CH ₂₄₇	2003 07 13.8	19 30.75 -17 31.9 19.2	-0.90 - 2.7	1.6/14.4	29899
2000 VF ₂₄	2003 07 13.8	19 30.76 -12 31.1 17.2	-0.87 + 0.9	5.2/14.7	47984
1999 VL ₃₁	2003 07 13.8	19 30.77 -19 42.9 19.8	-0.84 - 1.9	0.6/14.1	30331

2000 VL ₃₀	2003 07 13.8	19 30.85 -18 37.0 18.6	-0.95 - 4.0	1.2/14.3	35536
1998 FV ₅₃	2003 07 13.8	19 30.85 -28 18.5 18.9	-1.06 - 0.8	2.5/13.1	47726
2000 WL ₁₄₄	2003 07 13.8	19 30.88 -27 59.0 18.9	-0.94 - 4.5	2.1/12.9	31926
2000 XE ₄₇	2003 07 13.8	19 30.89 -58 03.3 20.9	-1.36 - 2.2	9.8/08.1	35537
2002 AJ ₁₆₇	2003 07 13.8	19 30.89 -29 30.6 20.1	-1.09 + 1.5	2.7/13.2	30625
2001 XV ₁₀₃	2003 07 13.8	19 30.92 -30 41.9 17.6	-1.40 -27.9	4.5/11.0	23969
1999 XZ ₁₄₄	2003 07 13.8	19 30.99 -08 55.3 19.8	-0.87 + 0.2	4.8/15.2	2700
1999 PK ₈	2003 07 13.8	19 31.01 -13 31.2 18.4	-0.90 + 1.4	4.0/14.7	27628
2000 SJ ₁₅₁	2003 07 13.8	19 31.03 -29 17.4 18.5	-1.15 - 2.6	3.3/12.9	29362
2000 QS ₃	2003 07 13.9	19 30.98 -23 00.1 18.6	-1.01 - 2.7	0.6/13.7	47910
1995 SA ₂	2003 07 13.9	19 31.01 -12 56.3 19.5	-0.88 - 2.1	2.8/15.1	30248
2002 CT ₁₃₄	2003 07 13.9	19 31.10 -13 50.9 21.3	-0.92 - 2.9	2.6/15.1	48206
2000 SU ₆₁	2003 07 13.9	19 31.10 -20 17.8 19.2	-1.02 - 2.5	0.5/14.1	47945
2002 CS ₁₆₈	2003 07 13.9	19 31.12 -28 21.4 18.7	-1.17 - 3.2	2.8/13.0	30674
2000 UU ₃₂	2003 07 13.9	19 31.28 -21 23.2 20.1	-0.95 - 2.7	0.1/14.0	33284
2000 WH ₁₃₅	2003 07 13.9	19 31.31 -40 47.3 19.0	-1.17 - 4.5	6.8/10.6	33320
1999 VO ₇₈	2003 07 13.9	19 31.33 -26 22.8 19.0	-0.85 - 1.1	1.3/13.4	30333
2000 JL ₁₀	2003 07 13.9	19 31.36 +17 54.0 19.7	-1.13 + 3.6	19.5/17.6	25783
1999 TK ₁₃₈	2003 07 13.9	19 31.41 -22 15.9 18.2	-0.89 - 1.5	0.2/13.9	30322
2002 DF ₁₂	2003 07 13.9	19 31.41 -19 28.6 19.8	-0.96 - 2.1	1.0/14.3	48214
2000 VB ₆	2003 07 14.0	19 31.45 -12 02.0 20.3	-0.96 - 1.3	3.8/15.2	14915
4041 T-1	2003 07 14.0	19 31.48 -37 36.6 20.6	-1.07 - 1.9	5.0/11.9	30772
2000 TL ₄₃	2003 07 14.0	19 31.49 -33 12.5 19.3	-1.17 - 4.9	4.8/12.1	33279
2002 CH ₂₃₉	2003 07 14.0	19 31.51 -16 27.6 17.3	-0.91 - 1.5	2.4/14.7	31971
2000 QX ₂₂₉	2003 07 14.0	19 31.53 -15 27.2 18.4	-0.98 - 5.6	3.0/15.1	27690
1999 XE ₁₂₁	2003 07 14.0	19 31.53 -36 27.6 18.9	-0.92 - 2.9	4.6/11.8	30341
2000 PY ₂₄	2003 07 14.0	19 31.56 -26 30.2 18.0	-1.14 - 5.4	2.1/13.3	31911
1999 XH ₂₃₉	2003 07 14.0	19 31.57 -41 30.2 18.8	-1.04 - 1.9	6.9/11.1	30344
2002 AO ₁₆₃	2003 07 14.0	19 31.58 -20 37.6 19.7	-1.02 - 2.1	0.4/14.2	27815
1999 TL ₂₆₅	2003 07 14.0	19 31.64 -11 24.5 18.3	-0.99 + 4.8	4.6/14.5	2672
1998 KR ₂₆	2003 07 14.0	19 31.68 +21 37.9 19.1	-0.90 + 2.0	14.0/18.0	31817
2002 CF ₁₄₄	2003 07 14.0	19 31.70 -16 05.4 19.5	-1.08 - 2.8	2.4/14.8	29840
1999 TH ₁₉₂	2003 07 14.0	19 31.71 -27 50.4 20.2	-0.89 - 0.3	1.8/13.4	47809
2000 RW ₃₈	2003 07 14.0	19 31.74 -11 59.4 18.7	-0.94 + 0.1	3.5/15.1	33246
1995 GV ₄	2003 07 14.0	19 31.75 -15 41.5 20.9	-1.01 - 3.7	2.2/15.0	38177
2001 AY ₃₆	2003 07 14.0	19 31.78 -33 34.7 19.7	-1.05 + 0.3	3.7/12.8	11027
2002 CY ₈₀	2003 07 14.1	19 31.87 -26 41.1 20.6	-1.03 - 1.8	1.8/13.5	48202
2000 WN ₉	2003 07 14.1	19 31.93 -46 36.3 19.6	-1.09 - 3.5	6.8/10.2	31922
1999 TU ₁₂₈	2003 07 14.1	19 31.96 -16 26.4 19.4	-0.89 - 1.8	1.9/14.8	30322
1999 UC ₄₆	2003 07 14.1	19 31.96 -37 39.7 18.5	-1.00 - 1.0	5.6/12.1	43354
1999 TQ ₂₅₂	2003 07 14.1	19 31.98 -23 41.5 19.4	-0.92 - 1.3	0.6/13.9	47812
2002 EF ₁₀₄	2003 07 14.1	19 31.99 -06 43.3 19.8	-0.83 - 5.0	4.9/16.8	31982
2000 TE ₁₇	2003 07 14.1	19 32.11 -32 30.9 21.7	-1.06 - 2.3	3.5/12.7	30408
2000 UG ₅₈	2003 07 14.1	19 32.20 -21 39.5 18.7	-1.03 - 0.6	0.0/14.2	30415
2002 CP ₂₄₇	2003 07 14.2	19 32.22 -21 18.3 20.2	-1.03 - 2.6	0.2/14.3	29900
1999 VB ₅₄	2003 07 14.2	19 32.32 -38 59.1 18.3	-0.97 - 2.4	5.4/11.7	31875
1998 HQ ₁₃₃	2003 07 14.2	19 32.37 -23 15.1 19.7	-0.97 - 3.5	0.5/14.0	30270
2001 CH ₂₁	2003 07 14.2	19 32.39 -13 17.0 19.2	-0.84 + 0.7	2.8/15.1	29680
1999 XF ₁₀₂	2003 07 14.2	19 32.40 -21 24.5 19.0	-0.82 - 1.1	0.1/14.3	31884
2000 QQ ₂₁₂	2003 07 14.2	19 32.41 -26 35.5 19.5	-1.17 - 1.5	1.9/13.7	33243
2002 CM ₁₅₇	2003 07 14.2	19 32.44 -21 33.1 19.9	-0.95 - 4.2	0.1/14.3	31969

2002 CJ ₂₂₅	2003 07 14.2	19 32.45 -23 38.4 21.0	-1.04 - 2.0	0.7/14.0	29876
1998 QS ₉₅	2003 07 14.2	19 32.45 +17 12.0 18.6	-0.75 - 1.9	11.8/20.6	31823
2001 BL ₅₉	2003 07 14.2	19 32.46 -01 54.9 18.3	-0.94 - 3.6	7.8/17.0	11038
2000 UR ₉₉	2003 07 14.2	19 32.47 -16 50.7 18.2	-1.07 - 0.3	2.1/14.8	47982
2001 BJ ₇₈	2003 07 14.2	19 32.50 -10 23.6 20.1	-0.85 - 2.5	3.9/15.8	48008
1999 VG ₁₇₉	2003 07 14.2	19 32.53 -17 14.0 19.5	-0.80 - 4.7	1.3/15.0	33840
2001 XP ₂₀₁	2003 07 14.2	19 32.54 -21 03.0 19.6	-1.04 - 3.8	0.3/14.4	27790
2000 QH ₂₂₃	2003 07 14.2	19 32.62 -24 29.9 18.3	-1.13 - 5.9	1.2/13.8	47930
1995 UP ₄₃	2003 07 14.2	19 32.64 -13 03.1 19.7	-0.87 - 2.2	3.1/15.5	31806
2002 EN ₈	2003 07 14.3	19 32.60 -20 00.3 19.1	-0.89 - 2.2	0.7/14.5	29938
2002 GZ ₂₂	2003 07 14.3	19 32.61 -13 10.1 21.2	-0.83 - 3.8	2.8/15.7	48227
2002 EE ₁₅₁	2003 07 14.3	19 32.63 -25 40.0 19.5	-1.06 - 2.7	1.4/13.8	30084
2000 RL ₅₉	2003 07 14.3	19 32.67 -32 51.9 19.1	-1.15 0.0	5.5/13.1	27034
2002 CT ₂₁₉	2003 07 14.3	19 32.69 -46 41.4 19.3	-1.22 + 1.4	9.0/11.9	30684
1995 WE ₃₃	2003 07 14.3	19 32.70 -18 02.7 20.0	-0.89 - 2.7	1.2/14.8	47700
2002 EX ₆₇	2003 07 14.3	19 32.77 -18 33.4 20.5	-0.92 - 2.1	1.1/14.8	31979
2000 SW ₁₄₆	2003 07 14.3	19 32.79 -18 39.2 20.3	-1.03 - 2.1	1.1/14.7	30395
2000 WG ₈₃	2003 07 14.3	19 32.82 -18 32.9 19.4	-0.95 - 5.1	1.3/14.9	33313
2000 VQ ₄₂	2003 07 14.3	19 32.82 -30 05.3 19.4	-1.04 - 2.3	3.1/13.2	29516
2002 CK ₃₀₄	2003 07 14.3	19 32.84 -20 31.1 19.0	-1.14 + 3.9	0.5/14.4	29917
2002 GD ₁₅	2003 07 14.3	19 32.85 -24 52.4 19.0	-0.85 - 2.5	1.2/13.9	30137
2002 CA ₁₇₁	2003 07 14.3	19 32.94 -22 44.6 20.2	-1.04 - 4.6	0.4/14.2	48208
2002 AL ₄₉	2003 07 14.3	19 33.00 -20 03.6 18.4	-1.00 - 3.4	0.7/14.6	27803
1997 AA ₂₁	2003 07 14.3	19 33.09 -19 10.2 19.2	-0.93 - 1.7	1.0/14.7	47708
1998 DS ₃₄	2003 07 14.3	19 33.11 -40 08.1 17.7	-1.17 + 0.5	7.6/12.5	30261
2000 SG ₇₈	2003 07 14.4	19 33.06 -17 46.3 19.4	-1.01 - 2.6	1.6/15.0	47947
2000 UJ ₇₀	2003 07 14.4	19 33.15 -21 56.7 18.7	-1.14 - 1.3	0.1/14.4	7622
1999 TY ₁₄	2003 07 14.4	19 33.16 -23 17.9 18.4	-1.02 - 4.0	0.7/14.2	40379
2000 QC ₅	2003 07 14.4	19 33.19 -13 22.4 19.1	-0.96 - 3.9	4.2/15.7	47910
3273 T-3	2003 07 14.4	19 33.20 -20 53.2 18.7	-0.96 - 1.8	0.4/14.5	48392
1999 RQ ₁₈₅	2003 07 14.4	19 33.21 -19 06.4 19.4	-0.92 - 2.0	1.0/14.8	47795
2002 CV ₉₆	2003 07 14.4	19 33.21 -23 43.3 19.8	-1.04 - 2.5	0.7/14.2	30657
2002 AU ₁₁₂	2003 07 14.4	19 33.31 -30 35.9 18.5	-1.17 + 3.1	4.1/13.9	27809
2000 SH ₁₇₄	2003 07 14.4	19 33.36 -17 32.3 16.7	-1.08 + 4.4	2.1/14.7	27714
2000 TJ ₂₆	2003 07 14.4	19 33.38 -19 57.1 20.7	-1.01 - 2.6	0.6/14.7	33279
2002 CE ₃	2003 07 14.4	19 33.38 -29 07.8 19.2	-1.10 - 2.7	2.9/13.5	30635
2002 CQ ₅₇	2003 07 14.4	19 33.40 -18 53.6 19.2	-1.01 - 2.2	1.0/14.8	30647
2000 AX ₈₇	2003 07 14.4	19 33.40 -22 51.8 18.3	-0.96 + 1.8	0.4/14.4	12226
2000 EC ₅₈	2003 07 14.4	19 33.41 +24 23.5 18.4	-0.96 - 8.3	23.9/29.7	47864
2002 CR ₁₁₄	2003 07 14.4	19 33.41 -13 21.6 18.3	-0.92 - 7.8	3.1/16.1	29829
2000 YC ₁₂₉	2003 07 14.4	19 33.41 -27 39.6 19.0	-0.97 - 4.3	2.3/13.5	48002
2002 GX ₁₀₅	2003 07 14.4	19 33.42 -28 01.2 20.1	-0.94 - 4.6	2.1/13.4	31579
1999 JR ₅₁	2003 07 14.4	19 33.43 -18 38.8 19.2	-1.05 - 2.4	1.2/14.9	33810
1998 SS ₁₂	2003 07 14.4	19 33.45 -01 52.5 18.7	-1.35 + 8.7	9.7/14.5	47743
1999 VN ₆₂	2003 07 14.4	19 33.49 -19 49.8 19.1	-0.86 - 1.9	0.7/14.8	30332
1999 JU ₁₂₇	2003 07 14.4	19 33.50 -30 45.0 19.1	-1.08 - 4.2	4.0/13.1	47782
2001 CR ₂₅	2003 07 14.5	19 33.41 -19 44.9 18.6	-0.94 - 6.8	0.7/14.9	17546
2000 VO ₃₉	2003 07 14.5	19 33.49 -19 52.8 17.4	-0.94 + 2.2	1.0/14.7	30421
1999 JQ ₄₀	2003 07 14.5	19 33.52 -21 23.8 18.4	-0.98 - 3.7	0.1/14.6	47779
1999 UD ₃₈	2003 07 14.5	19 33.56 -09 22.3 20.6	-0.87 - 1.9	3.9/16.1	47817
2000 SO ₁₄₉	2003 07 14.5	19 33.58 -26 18.0 20.3	-1.06 - 2.5	1.7/13.9	33261

2000 WF ₁₀₀	2003 07 14.5	19 33.66 -21 23.2 17.9	-1.00 - 1.3	0.1/14.6	30428
2002 CB ₂₆₃	2003 07 14.5	19 33.68 -39 45.5 18.6	-1.08 - 5.3	7.2/11.3	29907
1993 TQ ₂₂	2003 07 14.5	19 33.74 -30 54.4 19.2	-1.17 - 3.2	4.1/13.2	34684
1999 UV ₃₆	2003 07 14.5	19 33.75 -25 17.0 20.4	-0.94 - 1.3	1.2/14.1	9233
1999 VU ₃	2003 07 14.5	19 33.75 -23 15.5 19.1	-0.87 - 3.1	0.6/14.3	47818
2000 WG ₈₀	2003 07 14.5	19 33.78 -43 27.3 19.4	-1.20 - 5.1	7.9/10.5	47990
1995 QF ₆	2003 07 14.5	19 33.80 -17 44.8 20.2	-0.95 - 0.9	1.3/15.0	8379
1999 TU ₁₉₁	2003 07 14.5	19 33.89 -22 38.9 18.7	-0.88 + 0.1	0.3/14.5	31869
2000 TL ₃₉	2003 07 14.6	19 33.81 -33 44.9 18.1	-1.21 - 4.9	5.3/12.6	29431
2000 VX ₅	2003 07 14.6	19 33.83 -42 03.1 20.0	-1.16 - 2.8	6.9/11.6	47983
2000 VU ₁₉	2003 07 14.6	19 33.88 -03 49.4 19.8	-0.88 - 1.0	6.0/17.0	31347
2001 YG ₃	2003 07 14.6	19 33.90 -36 14.8 18.7	-1.28 - 9.4	5.4/11.7	30592
2002 FZ ₃₄	2003 07 14.6	19 33.91 -22 47.6 19.5	-0.92 - 1.8	0.4/14.5	48226
2000 UL ₃₅	2003 07 14.6	19 33.92 -17 54.7 19.3	-1.03 - 2.3	1.5/15.1	30413
1999 TC ₅₇	2003 07 14.6	19 33.94 -25 43.1 18.8	-0.91 - 2.3	1.4/14.1	34784
2000 UK ₉₁	2003 07 14.6	19 33.98 -16 49.1 18.0	-1.00 - 0.1	2.0/15.2	47981
1999 TJ	2003 07 14.6	19 34.03 -23 09.0 19.7	-0.86 - 2.4	0.5/14.4	47799
2002 GD ₁₆₁	2003 07 14.6	19 34.06 -17 05.2 19.0	-0.78 - 4.7	1.5/15.4	32010
2000 RZ ₇₂	2003 07 14.6	19 34.07 -21 39.5 18.1	-1.02 - 1.9	0.0/14.7	31913
2000 AK ₁₄₈	2003 07 14.6	19 34.07 -20 27.0 18.2	-0.97 + 1.0	0.5/14.8	47843
2002 GE ₁₆₁	2003 07 14.6	19 34.12 -44 04.2 19.4	-1.03 - 5.5	7.9/10.1	48231
1997 AY ₈	2003 07 14.6	19 34.17 -17 23.8 19.8	-0.96 - 4.6	1.7/15.3	9687
2001 XO ₁₉₀	2003 07 14.6	19 34.20 -19 24.7 19.8	-1.04 - 1.8	0.9/15.0	48171
2002 AY ₁₀₆	2003 07 14.6	19 34.28 -22 59.2 17.4	-0.92 - 5.9	0.6/14.5	48190
2002 AN ₃₆	2003 07 14.7	19 34.22 -16 37.6 18.2	-1.23 -24.9	2.5/16.3	48186
2000 RK ₆₈	2003 07 14.7	19 34.25 -32 46.3 18.0	-1.11 - 3.3	5.3/13.1	47936
2000 UU ₈₁	2003 07 14.7	19 34.28 +09 06.9 18.7	-1.01 + 4.9	9.4/16.4	47980
1999 NY ₅₉	2003 07 14.7	19 34.32 -02 33.5 18.5	-0.90 - 2.9	7.1/17.5	30303
2001 AA ₃₀	2003 07 14.7	19 34.32 -30 54.9 19.4	-1.13 - 3.6	3.8/13.3	48004
2000 UY ₉₂	2003 07 14.7	19 34.34 -15 21.9 17.7	-0.96 + 1.9	3.3/15.3	47981
2002 GL ₇	2003 07 14.7	19 34.36 -22 47.0 20.2	-0.84 - 3.6	0.4/14.6	48226
2000 SP ₃₄₃	2003 07 14.7	19 34.36 -22 07.0 18.5	-1.10 + 0.6	0.2/14.7	27726
1998 FV ₇₇	2003 07 14.7	19 34.37 +01 06.3 17.5	-0.79 - 4.8	10.1/19.0	47727
2002 EJ ₇₀	2003 07 14.7	19 34.38 -28 22.9 20.0	-1.01 - 1.5	2.4/13.9	48220
2000 RS ₄	2003 07 14.7	19 34.39 -27 15.6 19.1	-1.12 - 2.2	2.3/14.0	30377
2001 CA ₇	2003 07 14.7	19 34.42 -34 44.4 19.6	-1.20 - 0.3	4.7/13.1	14262
2002 EV ₄₁	2003 07 14.7	19 34.44 -10 57.4 19.8	-1.05 - 1.2	4.7/16.0	48218
2000 VC ₂₈	2003 07 14.7	19 34.45 -20 52.1 19.4	-0.96 - 3.6	0.3/14.9	9861
2000 VB ₃₃	2003 07 14.7	19 34.48 -04 40.2 20.6	-0.86 - 0.6	4.9/16.8	9862
2167 T-2	2003 07 14.7	19 34.48 -09 03.3 17.9	-0.82 - 2.8	7.0/16.7	48390
2000 AF ₂₂	2003 07 14.7	19 34.51 -30 01.4 20.3	-0.87 - 4.8	2.7/13.3	47838
1999 TO ₁₃₆	2003 07 14.7	19 34.52 -28 41.4 20.4	-0.87 - 1.6	1.9/13.8	12172
2002 CU ₁₂₄	2003 07 14.7	19 34.54 -17 31.7 19.9	-0.96 - 2.7	1.6/15.4	29832
2000 WM ₂₆	2003 07 14.7	19 34.59 -15 57.6 21.1	-1.03 - 1.3	2.2/15.5	9869
2000 SQ ₉₈	2003 07 14.7	19 34.60 -24 03.5 18.5	-1.09 - 0.5	1.1/14.5	30391
2000 QK ₂₁₃	2003 07 14.7	19 34.60 -14 15.2 18.7	-1.01 - 5.6	3.3/16.0	30376
2002 BF ₁₃	2003 07 14.7	19 34.60 -39 50.9 19.8	-1.27 + 0.7	6.9/13.0	30631
2002 AV ₃₄	2003 07 14.7	19 34.61 -24 00.7 18.6	-1.14 - 3.5	1.0/14.4	48186
1999 XQ ₁₁₅	2003 07 14.7	19 34.62 -18 04.1 18.6	-0.88 + 0.3	1.2/15.2	31884
2000 UP ₉₆	2003 07 14.7	19 34.63 -41 19.9 19.8	-1.13 - 2.2	6.4/12.0	31919
1999 RD ₁₉	2003 07 14.7	19 34.70 -39 54.9 17.9	-1.16 + 1.6	7.2/13.1	30305

2000 SP ₁₁₄	2003 07 14.8	19 34.62	-17 17.2	20.1	-1.04	- 2.7	1.7/15.4	33258
2002 CD ₁₃₉	2003 07 14.8	19 34.68	-15 32.4	19.5	-1.03	- 1.9	2.5/15.6	27521
1999 TH ₂₆₅	2003 07 14.8	19 34.70	-09 01.0	18.8	-1.02	+ 2.8	5.4/15.6	2672
2002 JK ₁₁₈	2003 07 14.8	19 34.78	-33 40.5	19.6	-1.03	- 5.2	4.1/12.8	33577
1999 NX ₇	2003 07 14.8	19 34.80	-24 29.1	17.0	-1.11	+ 6.4	1.3/14.7	29049
2002 BO ₁₄	2003 07 14.8	19 34.88	-16 44.5	20.1	-1.03	- 2.9	1.9/15.5	30631
2000 QJ ₁₅₁	2003 07 14.8	19 34.94	-22 12.7	16.2	-1.01	+ 1.4	0.3/14.8	47923
2000 SQ ₁₄₇	2003 07 14.8	19 34.96	-15 33.3	17.9	-0.89	- 1.9	3.3/15.7	47953
2002 AX ₁₆₁	2003 07 14.8	19 34.96	-23 30.8	18.9	-1.09	+ 0.6	0.8/14.7	30624
2001 FE ₄₁	2003 07 14.8	19 34.97	-54 28.1	19.7	-1.25	- 0.1	8.1/10.0	12006
1997 CQ ₁₉	2003 07 14.8	19 34.99	-24 54.1	18.7	-0.99	- 3.9	1.1/14.4	30254
1999 VT ₁₅₉	2003 07 14.8	19 35.00	-08 14.3	19.8	-0.75	- 1.0	3.5/16.7	33840
2000 SH ₃₆₁	2003 07 14.8	19 35.06	-25 16.8	19.6	-1.03	- 4.9	1.3/14.3	47969
3103 P-L	2003 07 14.8	19 35.09	-10 05.1	18.8	-0.81	- 0.1	3.8/16.2	30771
1999 NT ₁₉	2003 07 14.8	19 35.11	-19 37.5	18.0	-0.94	- 0.7	1.0/15.1	29050
2000 VE ₂₄	2003 07 14.8	19 35.12	-33 52.0	18.9	-1.12	- 3.6	5.4/13.0	47984
2002 GT ₁₅₆	2003 07 14.9	19 35.03	-33 36.4	20.4	-0.91	- 2.8	3.6/13.0	31603
1999 TA ₁₅₄	2003 07 14.9	19 35.04	-14 23.8	18.4	-0.80	- 0.8	2.1/15.8	31869
2000 QN ₁₄₅	2003 07 14.9	19 35.11	-34 32.0	18.9	-1.20	- 2.3	5.4/13.1	47923
2000 SB ₁₄₉	2003 07 14.9	19 35.12	-15 09.6	19.4	-1.01	- 2.4	2.5/15.8	29361
1999 KU ₁₁	2003 07 14.9	19 35.15	-22 13.4	18.6	-1.07	- 1.6	0.2/14.9	47783
2001 XW ₁₁₂	2003 07 14.9	19 35.17	+01 50.6	19.3	-1.28	+ 6.3	11.1/15.7	30576
2000 WL ₃₇	2003 07 14.9	19 35.17	-31 42.9	18.1	-0.99	- 5.5	3.5/13.2	30425
2000 WG ₁₁₁	2003 07 14.9	19 35.18	-22 39.0	17.8	-1.01	+ 0.1	0.4/14.8	38288
2000 SB ₂₁₂	2003 07 14.9	19 35.19	-27 23.7	19.1	-1.00	- 4.5	1.9/14.0	30399
1999 UD ₈	2003 07 14.9	19 35.25	-20 53.2	18.8	-0.88	- 1.7	0.3/15.0	30328
2002 EE ₁₉	2003 07 14.9	19 35.31	-12 48.8	17.8	-0.87	+ 1.3	3.2/15.9	31977
1999 TP ₁₂₃	2003 07 14.9	19 35.31	-21 26.0	18.2	-0.87	- 3.1	0.1/15.0	30322
2002 JG ₁₃₄	2003 07 14.9	19 35.34	-36 46.9	19.1	-0.94	- 2.6	5.0/12.5	31750
2002 GK ₁₄₄	2003 07 14.9	19 35.36	-22 42.0	20.1	-0.93	- 5.3	0.3/14.8	48231
2000 WR ₁₉	2003 07 14.9	19 35.37	-14 56.5	22.1	-0.87	- 1.0	1.7/15.8	9868
2001 BT ₁	2003 07 14.9	19 35.40	-23 06.2	20.0	-0.83	- 1.1	0.4/14.8	13805
2002 CL ₁₄₂	2003 07 14.9	19 35.46	-13 47.1	20.9	-0.89	- 1.8	2.2/16.1	31969
2002 GU ₁₈	2003 07 15.0	19 35.48	-07 33.2	18.5	-0.79	- 1.7	4.7/17.0	31992
2000 YN ₂₁	2003 07 15.0	19 35.49	-02 38.5	21.0	-0.87	- 3.0	6.5/17.9	47998
1999 RZ ₁₇₁	2003 07 15.0	19 35.50	-29 53.0	18.5	-0.94	- 1.9	2.4/13.9	31861
2002 GH ₉₃	2003 07 15.0	19 35.54	-14 11.0	19.7	-0.90	- 1.7	2.7/16.0	31565
2000 VR ₃₆	2003 07 15.0	19 35.55	-20 36.2	17.7	-0.89	- 6.1	0.3/15.2	31921
1999 FR ₂₅	2003 07 15.0	19 35.56	-35 51.0	17.3	-1.20	- 1.1	6.5/13.3	47773
2001 XE ₁₀₉	2003 07 15.0	19 35.57	-27 59.1	18.8	-1.09	- 4.4	2.4/14.0	27787
1999 VV ₅₁	2003 07 15.0	19 35.57	-24 28.5	19.2	-0.90	- 1.9	1.1/14.6	47820
1998 FM ₇₂	2003 07 15.0	19 35.59	-17 03.8	19.2	-0.97	- 2.2	1.7/15.6	30265
1997 BP ₉	2003 07 15.0	19 35.59	-13 30.3	17.1	-0.83	- 9.1	3.5/16.9	28959
1999 NC ₃₈	2003 07 15.0	19 35.60	-29 27.4	17.5	-0.99	+ 0.6	3.9/14.2	30302
2002 FW ₃	2003 07 15.0	19 35.62	-06 33.5	19.5	-0.81	- 6.3	5.3/18.0	48224
2000 YJ ₁₂₀	2003 07 15.0	19 35.63	-31 59.6	19.8	-1.09	+ 0.2	3.4/13.9	12266
1999 TD ₂₀₃	2003 07 15.0	19 35.65	-20 43.6	19.9	-0.84	- 1.5	0.3/15.2	12176
1999 RS ₁₂₃	2003 07 15.0	19 35.67	-22 36.5	19.8	-0.94	- 3.3	0.4/14.9	47792
2000 WK ₆₁	2003 07 15.0	19 35.71	-11 30.1	17.7	-0.97	+ 2.3	3.6/15.9	47989
2001 DQ ₄₁	2003 07 15.0	19 35.72	-30 24.1	19.6	-0.93	- 0.3	2.8/14.0	17557
1999 UU ₅₂	2003 07 15.0	19 35.73	-15 36.0	17.9	-0.82	- 6.9	2.6/16.2	30330

2000 YT ₈₁	2003 07 15.0	19 35.78	-18 20.4	18.1	-1.01	- 2.1	1.6/15.5	48000
2001 BF ₆₅	2003 07 15.0	19 35.80	-12 26.3	21.3	-0.93	- 1.8	3.0/16.3	27764
2002 CE ₆₂	2003 07 15.0	19 35.81	-31 49.9	18.2	-1.10	- 4.4	4.3/13.4	29792
2002 CL ₁₄₄	2003 07 15.0	19 35.84	-24 57.8	19.7	-1.17	- 0.7	1.5/14.7	48206
2002 CJ ₁₅₉	2003 07 15.0	19 35.88	-20 01.2	18.5	-0.93	- 4.7	0.6/15.4	30672
1999 UK ₄₂	2003 07 15.0	19 35.91	-33 01.4	20.1	-1.09	- 1.4	3.9/13.5	1518
2000 SK ₁₁	2003 07 15.0	19 35.92	+17 58.6	18.2	-0.82	- 8.1	18.5/28.0	33883
2000 VO ₁₇	2003 07 15.1	19 35.88	-27 19.0	18.5	-1.07	- 5.4	2.5/14.1	8529
1999 AE ₃₄	2003 07 15.1	19 35.96	-20 28.7	18.7	-1.09	- 4.8	0.5/15.3	47763
2000 WO ₁₁₉	2003 07 15.1	19 35.99	-05 53.9	18.8	-0.88	+ 2.5	4.6/16.6	9879
2002 AG ₆₉	2003 07 15.1	19 35.99	-22 02.7	20.8	-0.98	- 1.8	0.2/15.1	30612
2000 YL ₅₂	2003 07 15.1	19 36.04	-24 23.6	19.0	-1.03	- 0.3	1.0/14.8	47999
1997 WD ₁₆	2003 07 15.1	19 36.06	-14 12.0	18.5	-1.05	- 1.6	3.6/16.0	47719
1999 NT ₅₆	2003 07 15.1	19 36.08	-03 36.5	17.8	-0.91	+ 3.3	8.3/16.4	36907
2002 FE ₂₅	2003 07 15.1	19 36.13	-37 21.6	18.4	-1.06	- 8.1	6.3/11.8	33541
1999 VR ₁₀₅	2003 07 15.1	19 36.20	-10 11.6	19.1	-0.82	- 0.1	4.0/16.6	31301
2002 CF ₁₃₇	2003 07 15.1	19 36.22	-15 06.2	19.8	-1.04	- 2.6	2.8/16.1	48206
1999 TA ₂₈₃	2003 07 15.1	19 36.23	-25 08.5	18.4	-0.91	- 2.8	1.3/14.6	31291
2002 CJ ₈₀	2003 07 15.1	19 36.24	-18 05.9	20.2	-0.93	- 5.1	1.3/15.8	27838
2000 UR ₆₃	2003 07 15.1	19 36.28	-24 23.5	20.0	-1.07	- 1.4	1.0/14.8	47979
1999 RX ₁₁₇	2003 07 15.2	19 36.25	-14 11.4	16.9	-0.92	+ 3.4	3.7/15.7	47792
1999 XL ₂₄₃	2003 07 15.2	19 36.25	-09 19.3	20.7	-0.79	- 0.8	3.8/16.8	35499
1999 TJ ₁₅₆	2003 07 15.2	19 36.26	-25 26.1	18.6	-0.82	- 3.0	1.1/14.6	31869
1999 TQ ₂₅₅	2003 07 15.2	19 36.31	-16 15.4	19.5	-0.88	- 2.3	1.8/16.0	33115
1995 UG	2003 07 15.2	19 36.37	-16 28.9	18.4	-1.03	- 0.8	2.2/15.8	47698
2000 KO ₆₉	2003 07 15.2	19 36.37	+11 42.1	19.0	-1.05	-11.1	15.1/24.3	26965
2000 SM ₉₃	2003 07 15.2	19 36.40	-16 16.4	18.5	-1.09	+ 1.2	2.3/15.7	47948
2000 WT ₉₀	2003 07 15.2	19 36.42	-24 35.0	19.7	-0.97	- 2.8	1.1/14.8	31357
2000 UW ₆₉	2003 07 15.2	19 36.44	-26 18.8	19.6	-1.10	- 1.6	2.1/14.6	31919
2002 AY ₁₀₈	2003 07 15.2	19 36.52	-25 57.8	19.6	-1.09	- 0.8	1.7/14.7	30616
1998 GZ ₈	2003 07 15.2	19 36.53	-12 48.4	19.3	-0.91	- 6.0	2.9/16.9	47728
1998 SK ₅₂	2003 07 15.2	19 36.53	-21 39.5	18.3	-0.84	- 1.9	0.0/15.2	47745
2002 CQ ₈	2003 07 15.2	19 36.62	-19 14.3	20.2	-1.04	- 2.3	0.9/15.6	27824
2001 DO ₉	2003 07 15.2	19 36.62	-35 35.4	19.8	-0.99	- 1.2	4.5/13.4	10792
2000 SY ₂₇₀	2003 07 15.2	19 36.66	-34 03.6	17.9	-1.08	- 4.8	5.4/13.2	30402
2002 AX ₁₂₁	2003 07 15.2	19 36.70	-20 46.3	19.7	-1.00	- 5.7	0.3/15.4	27810
2002 CM ₁₆₆	2003 07 15.3	19 36.72	-28 46.7	20.7	-1.04	- 1.8	2.5/14.4	29851
2002 CD ₁₀₅	2003 07 15.3	19 36.73	-17 07.4	19.4	-0.91	- 4.2	1.7/16.0	48204
1999 VR ₁₇₉	2003 07 15.3	19 36.77	+11 39.6	21.6	-0.70	- 1.2	7.7/20.5	13007
1999 GZ ₃₅	2003 07 15.3	19 36.77	-20 48.1	17.8	-1.12	- 0.9	0.3/15.4	47776
2002 GN ₉₉	2003 07 15.3	19 36.82	-25 26.2	20.3	-1.05	- 3.1	1.4/14.8	31572
2000 SM ₂₆₈	2003 07 15.3	19 36.83	-22 21.4	20.1	-1.09	- 4.0	0.3/15.2	47964
2000 VF ₆₀	2003 07 15.3	19 36.83	-39 55.9	19.6	-1.12	- 3.0	6.1/12.5	29525
2000 UP ₆₀	2003 07 15.3	19 36.85	-23 45.9	20.8	-1.05	- 1.9	0.8/15.1	30415
1999 VA ₁₀₅	2003 07 15.3	19 36.92	+03 04.7	19.9	-0.79	+ 0.7	7.7/18.3	31301
2000 UA ₃₇	2003 07 15.3	19 36.99	-18 48.7	19.6	-0.97	- 2.7	1.0/15.8	47977
2000 VS ₂	2003 07 15.3	19 37.01	-26 53.1	20.5	-1.00	- 3.0	1.9/14.6	31920
1994 PP ₁₄	2003 07 15.3	19 37.01	-26 34.9	18.6	-0.96	+ 2.1	2.3/14.9	47692
1998 HP ₁₁₄	2003 07 15.3	19 37.03	-39 16.1	17.6	-1.10	- 6.0	6.5/12.0	31816
2002 EN ₁₂₁	2003 07 15.3	19 37.04	-45 38.3	19.6	-1.08	- 0.6	7.7/12.1	33972
2002 GF ₁₀₁	2003 07 15.3	19 37.05	-19 14.0	19.6	-0.82	- 2.2	0.9/15.7	48230

1999 TB ₂₈₅	2003 07 15.3	19 37.06	-40 40.4 20.3	-0.97	- 3.2	5.2/12.2	30327
2002 GE ₁₀₇	2003 07 15.3	19 37.13	-14 42.4 20.0	-0.87	- 4.2	2.3/16.5	33986
2000 RV ₉₂	2003 07 15.3	19 37.14	-23 08.3 17.8	-1.06	- 1.0	0.6/15.2	47938
2000 QE ₁₅₀	2003 07 15.4	19 37.08	-17 21.7 19.5	-1.06	- 0.4	1.7/15.9	47923
1995 XM ₄	2003 07 15.4	19 37.09	-20 54.0 19.6	-0.90	- 3.8	0.2/15.5	47700
2001 XM ₁₆₈	2003 07 15.4	19 37.09	-16 57.8 19.1	-1.07	- 3.5	2.2/16.1	23255
3391 T-3	2003 07 15.4	19 37.10	-17 43.7 21.3	-1.00	- 2.3	1.5/15.9	30774
2002 GO ₄₈	2003 07 15.4	19 37.21	-29 49.7 19.2	-1.07	+ 1.2	3.0/14.6	31522
2000 RT ₅₅	2003 07 15.4	19 37.22	-30 13.2 18.7	-0.95	- 4.2	2.8/14.0	31913
2000 WW ₁₇₃	2003 07 15.4	19 37.23	-12 18.7 20.2	-0.93	- 5.1	3.4/17.0	8560
2002 CM ₅	2003 07 15.4	19 37.23	-18 53.9 20.5	-1.00	- 4.3	1.0/15.9	30636
2000 YX ₁₃₆	2003 07 15.4	19 37.23	-00 22.7 19.7	-0.73	- 1.4	5.6/18.7	31933
1999 VD ₉₈	2003 07 15.4	19 37.23	-35 21.3 19.4	-0.94	- 3.2	4.5/13.2	47822
1999 TF ₁₁₁	2003 07 15.4	19 37.24	-11 06.5 18.9	-0.88	- 0.2	3.7/16.7	30321
1998 RH ₆	2003 07 15.4	19 37.25	-23 27.3 19.2	-0.87	- 2.1	0.7/15.2	34721
2000 SG	2003 07 15.4	19 37.27	-43 25.5 18.4	-1.40	+ 0.8	7.1/12.8	13737
2000 RO ₄₉	2003 07 15.4	19 37.28	+06 13.1 20.8	-0.92	- 2.7	8.5/19.5	13728
2000 RX ₈₈	2003 07 15.4	19 37.29	-18 57.6 18.5	-1.06	+ 0.3	1.3/15.7	41670
1999 JZ ₇₆	2003 07 15.4	19 37.32	-18 41.5 17.9	-0.94	- 6.7	1.4/16.0	33075
2002 FF ₃₃	2003 07 15.4	19 37.35	-38 02.7 18.7	-1.05	- 3.6	6.4/12.7	31492
2002 JV ₇₀	2003 07 15.4	19 37.35	-38 58.9 18.5	-0.94	- 2.8	5.3/12.6	31703
2001 AB ₇	2003 07 15.4	19 37.36	-19 27.2 20.1	-0.80	- 5.6	0.6/15.9	33350
2000 RB ₁₀₄	2003 07 15.4	19 37.37	-22 03.5 17.8	-1.12	+ 1.3	0.2/15.4	20819
2002 CU ₁₃₄	2003 07 15.4	19 37.38	-17 43.3 19.1	-0.91	- 2.7	1.5/16.0	48206
1997 WT ₂₅	2003 07 15.4	19 37.41	-26 50.6 21.0	-1.10	- 4.4	2.0/14.6	47719
1998 QK ₆₈	2003 07 15.4	19 37.43	-06 32.9 18.0	-0.85	+ 2.4	5.6/16.8	47736
2000 SO ₄₉	2003 07 15.4	19 37.45	-16 34.3 19.1	-1.04	- 1.4	2.3/16.1	47944
2002 CQ ₂₈₃	2003 07 15.4	19 37.46	-10 02.5 19.8	-1.03	-11.9	4.5/18.2	31973
1999 VF ₁₂₄	2003 07 15.4	19 37.46	-07 31.3 20.4	-0.78	- 1.1	4.2/17.4	31877
1999 TN ₁₉₂	2003 07 15.4	19 37.47	-38 23.8 19.5	-1.05	- 0.7	5.7/13.2	47809
2001 CF ₁₄	2003 07 15.4	19 37.48	-21 38.2 19.6	-0.85	- 5.0	0.0/15.5	48008
2000 AV ₉₂	2003 07 15.4	19 37.52	-13 00.7 19.2	-0.93	+ 1.4	2.6/16.3	1562
1999 XO ₂₅₂	2003 07 15.4	19 37.52	-16 47.3 20.4	-0.79	- 1.9	1.6/16.2	38232
2002 CO ₁₅₉	2003 07 15.4	19 37.53	-05 51.5 18.4	-0.75	- 5.8	5.7/18.7	30672
1999 RL ₁₅₆	2003 07 15.4	19 37.54	-15 04.5 17.2	-0.94	- 2.0	2.8/16.4	30311
1997 US ₇	2003 07 15.4	19 37.55	-22 58.1 19.3	-1.10	- 3.2	0.6/15.3	47717
1998 SK ₂₂	2003 07 15.5	19 37.49	-14 13.7 18.6	-0.80	- 2.2	2.4/16.6	47743
1999 TH ₂₂₁	2003 07 15.5	19 37.57	-36 10.9 19.4	-1.04	- 4.2	5.5/12.9	47811
2000 BX ₄	2003 07 15.5	19 37.57	-40 20.6 20.8	-0.98	- 1.8	5.1/12.6	47846
2002 JS ₇₀	2003 07 15.5	19 37.65	+11 31.5 19.7	-0.85	- 0.4	11.3/20.3	31702
1999 TB ₂₇₂	2003 07 15.5	19 37.65	-36 51.7 19.5	-1.04	+ 0.3	5.0/13.7	17060
2002 GP ₁₀₄	2003 07 15.5	19 37.65	-00 06.4 19.8	-0.73	- 2.9	6.4/19.2	47201
2001 DM ₉₈	2003 07 15.5	19 37.67	+00 48.3 19.3	-0.72	- 3.4	6.0/19.5	31403
2002 FE	2003 07 15.5	19 37.69	-52 15.3 20.0	-1.58	- 0.2	9.7/11.4	30086
2002 ET ₆₃	2003 07 15.5	19 37.74	-29 39.8 20.8	-0.96	- 0.1	2.7/14.6	30713
2002 CD ₄₀	2003 07 15.5	19 37.74	-31 05.1 18.6	-1.13	+ 2.0	3.5/14.7	30644
2000 RE ₇	2003 07 15.5	19 37.74	-10 05.9 18.8	-0.97	- 3.2	5.2/17.2	29272
2002 CQ ₁₃₃	2003 07 15.5	19 37.75	-23 37.2 20.4	-1.07	- 2.0	0.8/15.3	30666
2000 WV ₁₅	2003 07 15.5	19 37.76	-30 36.0 20.5	-0.96	- 3.4	2.8/14.1	31351
2002 GY ₂₆	2003 07 15.5	19 37.76	-46 38.8 20.9	-1.07	- 1.3	7.4/12.0	48227
1995 WV ₁₉	2003 07 15.5	19 37.84	-16 51.4 20.1	-0.87	- 2.9	1.6/16.3	47700

2000 RN ₈	2003 07 15.5	19 37.85	-48 13.7 20.6	-1.52	+ 0.5	8.5/12.1	14251
1999 TB ₂₂₉	2003 07 15.5	19 37.88	-06 24.4 19.3	-0.82	- 3.1	6.1/18.0	29145
2000 WE ₁₁₃	2003 07 15.5	19 37.89	-28 12.0 19.5	-1.03	- 2.5	2.6/14.6	30429
1999 TM ₂₀₉	2003 07 15.5	19 37.94	-51 26.4 18.7	-1.31	- 0.8	10.3/10.6	20742
2001 CX ₁₀	2003 07 15.6	19 37.86	-28 26.8 19.4	-1.06	- 2.1	2.8/14.6	33895
2000 SJ ₁₄₁	2003 07 15.6	19 37.90	-27 38.3 18.1	-1.14	+ 2.5	3.1/15.1	47953
2000 WF ₁₅₃	2003 07 15.6	19 37.91	-22 42.8 19.7	-1.04	- 1.9	0.5/15.5	47993
1999 VY ₁₅₉	2003 07 15.6	19 37.95	-08 07.8 19.0	-0.87	- 0.8	4.9/17.3	1537
1995 BW ₇	2003 07 15.6	19 37.96	-22 10.8 21.3	-1.09	- 3.7	0.3/15.5	27582
2000 UM ₅₇	2003 07 15.6	19 37.97	-26 06.5 18.2	-1.07	+ 0.2	2.1/15.1	27735
2000 SY ₃₅₉	2003 07 15.6	19 37.99	-23 26.7 19.7	-1.03	- 3.4	0.7/15.3	47969
2002 CV ₁₆₇	2003 07 15.6	19 38.00	-16 00.6 17.8	-0.88	- 8.3	2.2/16.8	30674
2000 YB ₉₅	2003 07 15.6	19 38.02	-20 18.1 19.3	-0.90	- 4.7	0.4/15.8	31380
2000 QH ₁₅₀	2003 07 15.6	19 38.04	-26 43.3 18.5	-1.19	- 0.2	2.1/15.1	13707
2002 EA ₂₂	2003 07 15.6	19 38.07	-13 20.0 20.7	-0.98	- 2.5	3.0/16.8	29957
2000 YG ₈₃	2003 07 15.6	19 38.11	-22 33.4 19.0	-0.94	- 7.1	0.4/15.4	31378
1999 RG ₁₉₅	2003 07 15.6	19 38.14	+01 39.3 17.9	-0.81	+ 0.1	10.8/18.7	27638
2002 EA ₈₈	2003 07 15.6	19 38.21	-21 53.8 18.1	-0.88	- 3.1	0.1/15.6	30718
1999 UQ ₅₉	2003 07 15.6	19 38.22	-36 30.7 18.9	-1.02	- 0.4	5.3/13.7	30330
2002 EL ₆₂	2003 07 15.6	19 38.27	-13 44.0 19.7	-1.02	- 2.6	3.0/16.8	30712
2001 AQ ₂₂	2003 07 15.6	19 38.30	-14 02.6 18.9	-0.88	- 6.4	2.8/17.1	30445
2000 AW ₁₃₃	2003 07 15.6	19 38.30	-26 01.2 21.1	-0.88	- 2.2	1.3/15.0	19482
2000 QA ₁₂₁	2003 07 15.6	19 38.30	-22 49.0 19.1	-1.11	+ 0.3	0.5/15.6	29248
1990 QU ₂	2003 07 15.7	19 38.27	-07 41.9 17.6	-0.83	- 5.7	7.7/18.0	47682
2002 AP ₁₂₄	2003 07 15.7	19 38.28	-26 06.0 20.2	-1.08	- 2.5	1.7/15.1	35569
1999 VK ₆₉	2003 07 15.7	19 38.33	-17 12.3 19.5	-0.78	- 1.8	1.2/16.3	30333
2002 EY ₂₄	2003 07 15.7	19 38.33	-23 44.1 19.8	-0.98	- 2.3	0.9/15.4	29961
2000 AD ₅₁	2003 07 15.7	19 38.37	-27 28.4 18.4	-0.99	+ 1.0	2.0/15.1	25768
2000 YV ₂₆	2003 07 15.7	19 38.43	-14 31.8 18.7	-0.98	- 2.1	2.7/16.7	12261
1998 SC ₁₀₇	2003 07 15.7	19 38.43	-26 22.4 17.8	-0.87	- 1.2	1.8/15.1	33050
2000 YV ₁₄₂	2003 07 15.7	19 38.47	+17 18.4 20.7	-0.86	- 1.2	11.4/21.8	33349
2000 SC ₂₃₆	2003 07 15.7	19 38.48	-23 26.4 19.1	-1.00	- 4.2	0.7/15.4	29391
2000 WZ ₁₆	2003 07 15.7	19 38.50	-34 57.5 20.2	-1.06	- 4.6	4.5/13.4	30423
2001 DP ₁₂	2003 07 15.7	19 38.53	-32 50.8 20.2	-1.03	- 0.5	3.7/14.3	13254
2002 JT ₉₇	2003 07 15.7	19 38.56	-21 22.8 18.9	-0.86	- 2.8	0.0/15.8	48236
1998 FT ₉₆	2003 07 15.7	19 38.62	-31 55.3 18.6	-1.12	+ 1.1	3.9/14.8	31813
2000 TL ₆₂	2003 07 15.7	19 38.65	-14 52.5 19.2	-0.98	- 1.6	2.7/16.7	27112
2002 AQ ₁₃₂	2003 07 15.7	19 38.68	-21 32.0 21.0	-1.15	- 2.5	0.0/15.8	25582
1997 SC ₁₃	2003 07 15.7	19 38.71	-24 53.8 20.2	-1.14	- 2.2	1.6/15.3	47715
1999 VO ₁₉₆	2003 07 15.7	19 38.74	-15 56.2 19.9	-0.78	- 4.5	1.6/16.8	12200
2002 AA ₆₃	2003 07 15.7	19 38.76	-04 35.0 19.9	-1.01	- 9.8	5.9/19.6	30611
2002 CG ₂₂₁	2003 07 15.8	19 38.72	-29 54.1 20.5	-1.19	- 1.8	3.2/14.7	30685
2000 YD ₅₁	2003 07 15.8	19 38.77	-22 28.4 17.8	-1.15	+ 0.5	0.4/15.7	9901
2002 AY ₁₄₄	2003 07 15.8	19 38.78	-21 03.8 20.1	-1.04	- 2.2	0.2/15.9	48191
2002 GV ₁₀₃	2003 07 15.8	19 38.80	-05 56.3 19.6	-0.85	- 4.2	5.2/18.5	35184
2002 CU ₁₀₈	2003 07 15.8	19 38.92	+10 41.1 19.1	-0.81	- 6.0	10.5/23.3	29821
2000 TC ₆₂	2003 07 15.8	19 38.92	-24 18.8 19.2	-1.08	- 6.1	1.1/15.3	47974
2002 CP ₅₁	2003 07 15.8	19 38.94	-19 40.5 19.4	-1.04	- 2.7	0.7/16.1	30646
2002 CT ₁₂₈	2003 07 15.8	19 38.99	-19 11.5 19.6	-1.01	- 1.5	1.0/16.2	48205
1998 FS ₁₂	2003 07 15.8	19 39.00	-14 40.5 18.8	-0.93	- 3.0	2.6/16.9	27597
1999 RC ₁₃₁	2003 07 15.8	19 39.00	-28 14.8 17.3	-1.12	+ 5.0	3.0/15.5	35477

1999 JZ ₁₂₇	2003 07 15.8	19 39.13	-21 11.6	17.8	-0.84	-	5.0	0.2/15.9	30299
2000 XN ₂₂	2003 07 15.8	19 39.16	-23 16.2	18.4	-0.96	+	0.1	0.6/15.7	29611
1999 JM ₅	2003 07 15.8	19 39.17	+07 58.9	20.1	-1.03	+	0.6	10.5/19.9	47777
2000 WG ₁₁₀	2003 07 15.9	19 39.11	-21 41.9	18.6	-1.11	-	0.8	0.1/15.9	9878
1999 HW ₃	2003 07 15.9	19 39.12	-19 16.0	19.4	-1.07	-	1.6	1.0/16.2	22091
1999 TX ₉₀	2003 07 15.9	19 39.14	-36 52.3	19.1	-1.06	-	3.9	6.1/13.2	26917
2000 RH ₁₀₄	2003 07 15.9	19 39.17	-11 57.3	17.8	-1.10	+	3.2	5.1/16.5	13737
1999 XX ₂₇	2003 07 15.9	19 39.20	-44 38.9	20.1	-1.00	-	4.9	6.1/11.4	34823
1999 TF ₃₀₆	2003 07 15.9	19 39.27	-17 15.3	19.1	-0.88	-	2.0	1.8/16.5	47814
2000 RK ₉₀	2003 07 15.9	19 39.30	-20 15.5	18.5	-1.09	+	0.1	0.6/16.1	47938
1999 UY ₁₁	2003 07 15.9	19 39.31	-23 38.8	20.8	-0.85	-	2.3	0.7/15.6	30328
2000 SK ₆₁	2003 07 15.9	19 39.31	-20 54.2	19.8	-1.01	-	3.4	0.2/16.0	47945
2000 WG ₈₂	2003 07 15.9	19 39.33	-17 43.1	18.5	-1.01	+	0.2	1.6/16.4	31924
2000 TF ₄	2003 07 15.9	19 39.47	-23 46.8	20.7	-1.05	-	2.4	0.8/15.7	29425
2000 RJ ₁₀	2003 07 15.9	19 39.51	-05 02.6	19.2	-0.88	-	1.7	5.4/18.3	31912
2002 CU ₁₃₃	2003 07 15.9	19 39.53	-25 25.9	19.2	-1.00	-	1.3	1.6/15.5	48206
2000 QH ₆₃	2003 07 16.0	19 39.48	-28 03.2	19.2	-1.10	-	5.7	2.8/14.9	47915
2000 WM ₄₇	2003 07 16.0	19 39.48	-29 41.4	17.6	-0.92	-	5.0	2.6/14.5	31923
1998 RA ₅₁	2003 07 16.0	19 39.48	-13 22.4	19.3	-0.78	-	1.5	2.6/17.1	47740
2002 CH ₂₄₃	2003 07 16.0	19 39.49	-21 16.1	19.3	-0.97	-	1.6	0.1/16.0	48211
2002 CD ₁₀₇	2003 07 16.0	19 39.52	-23 26.7	20.4	-1.05	-	3.4	0.7/15.7	48204
1999 VU ₁₆₅	2003 07 16.0	19 39.55	-35 40.5	19.9	-0.94	-	2.7	4.4/13.7	31878
2000 XM ₁₁	2003 07 16.0	19 39.60	-43 39.1	20.2	-1.17	-	4.0	6.9/11.9	12258
1999 RW ₂₁₆	2003 07 16.0	19 39.63	-16 02.3	20.3	-0.87	-	2.8	1.9/16.9	42914
1997 YP ₄	2003 07 16.0	19 39.64	-22 10.9	19.4	-1.04	-	1.4	0.3/15.9	30258
1999 CY ₇	2003 07 16.0	19 39.65	-61 43.8	17.9	-2.25	+	7.8	17.0/16.9	25726
2001 BE ₆₃	2003 07 16.0	19 39.73	-22 37.1	20.3	-0.96	+	0.5	0.4/15.9	18311
2001 DR ₉₄	2003 07 16.0	19 39.80	-19 54.8	20.5	-0.78	-	2.0	0.4/16.3	23618
1998 FH ₄₀	2003 07 16.0	19 39.82	-32 38.2	18.5	-1.08	-	1.3	4.4/14.6	30263
1999 RY ₂₀	2003 07 16.0	19 39.95	-41 20.3	18.0	-1.16	+	2.7	8.8/14.3	29063
1999 TE ₁₇₉	2003 07 16.1	19 39.88	-17 42.7	18.9	-0.85	-	1.3	1.4/16.6	47809
2002 AR ₁₆₂	2003 07 16.1	19 39.95	-16 46.9	19.4	-1.02	-	3.1	1.9/16.8	30624
2000 YN ₈₇	2003 07 16.1	19 39.96	-23 19.1	20.1	-1.03	-	1.8	0.7/15.9	9906
2002 AD ₃₉	2003 07 16.1	19 39.99	-13 42.5	18.9	-0.97	-	4.2	3.2/17.4	48186
2001 WC ₂	2003 07 16.1	19 40.00	+00 55.7	20.4	-0.97	+	1.7	6.5/18.7	23929
2000 US ₁₀₅	2003 07 16.1	19 40.05	-20 04.4	18.1	-0.97	-	6.4	0.6/16.4	47982
2002 ES ₃₀	2003 07 16.1	19 40.09	-45 11.3	19.7	-1.23	-	0.8	8.4/12.9	29972
2002 CK ₂₄₃	2003 07 16.1	19 40.16	-18 15.6	20.1	-0.99	-	2.4	1.2/16.6	48211
1999 JU ₁₂₆	2003 07 16.1	19 40.24	-25 52.1	17.4	-0.95	-	1.4	2.3/15.6	27624
2000 WX ₁₀₃	2003 07 16.1	19 40.26	-33 08.0	19.4	-1.05	-	6.0	4.3/14.0	30428
1998 FD ₁₆	2003 07 16.1	19 40.26	-10 50.0	18.9	-0.89	-	6.8	4.1/18.3	30262
1999 UG ₂₅	2003 07 16.1	19 40.29	-32 43.5	20.5	-1.14	-	2.4	4.2/14.4	325
3030 T-3	2003 07 16.1	19 40.31	-23 53.8	18.4	-0.86	-	2.1	1.0/15.8	48392
2000 WG ₁₄₃	2003 07 16.1	19 40.31	-01 58.5	19.6	-0.87	-	3.2	6.1/19.3	9881
1999 RP ₁₀₁	2003 07 16.1	19 40.36	-16 49.1	18.6	-1.00	+	1.8	1.7/16.6	10892
2000 WO ₅	2003 07 16.1	19 40.38	-42 49.6	18.8	-1.16	-	3.1	8.0/12.7	30423
2002 AE ₁₇₆	2003 07 16.1	19 40.38	-28 53.8	20.2	-1.10	+	2.0	2.7/15.6	30626
2001 XM ₂₀₁	2003 07 16.2	19 40.31	-20 49.6	19.6	-1.10	-	3.1	0.3/16.3	48171
2002 CY ₂₂₂	2003 07 16.2	19 40.33	-18 05.6	20.2	-0.94	-	2.2	1.3/16.7	30685
1289 T-2	2003 07 16.2	19 40.39	-18 26.5	20.5	-1.00	-	2.3	1.1/16.6	30772
2002 CK ₄₁	2003 07 16.2	19 40.41	+07 20.4	20.0	-0.89	-	7.8	9.4/23.2	30644

2000 WE ₁₆₆	2003 07 16.2	19 40.44	-15 20.4	20.0	-0.90	-	2.4	2.0/17.1	31927
2000 YB ₁	2003 07 16.2	19 40.44	-16 09.3	20.1	-0.84	+	0.7	1.5/16.8	9893
2000 SK ₄	2003 07 16.2	19 40.44	-22 04.2	19.0	-1.06	-	4.4	0.3/16.1	47940
1999 TT ₁₈₉	2003 07 16.2	19 40.45	-15 28.7	18.5	-0.86	+	0.4	1.9/16.9	41582
2000 UJ ₄₀	2003 07 16.2	19 40.47	-33 22.3	19.0	-1.14	-	3.7	5.0/14.3	33286
1999 TH ₁₀₆	2003 07 16.2	19 40.58	-06 48.2	17.7	-0.89	+	2.8	7.0/17.6	1485
2002 EH ₁₃₅	2003 07 16.2	19 40.59	-22 56.5	21.1	-1.04	-	2.3	0.6/16.0	48223
1992 SY ₉	2003 07 16.2	19 40.60	-20 18.2	20.0	-0.99	-	2.6	0.4/16.4	34579
2000 SU ₂₉₆	2003 07 16.2	19 40.60	-15 50.1	19.0	-1.04	-	0.4	2.2/16.9	30404
2001 BQ ₆₅	2003 07 16.2	19 40.61	-19 25.1	18.9	-0.82	+	0.2	0.6/16.5	48007
2000 RO ₄₅	2003 07 16.2	19 40.61	-31 58.2	16.6	-1.15	+	1.5	5.2/15.2	30381
2000 AT ₉₈	2003 07 16.2	19 40.64	-08 37.7	20.0	-0.75	-	2.3	3.4/18.3	31890
2000 UH ₅₈	2003 07 16.2	19 40.73	-04 13.2	20.5	-0.82	-	1.1	4.6/18.7	41675
2002 GQ ₁₆₃	2003 07 16.2	19 40.75	-26 13.8	19.5	-0.94	-	2.6	1.7/15.6	33557
1997 AT ₁₂	2003 07 16.2	19 40.78	-25 00.1	18.3	-1.01	-	1.5	1.2/15.8	30253
2002 CK ₂₇₂	2003 07 16.3	19 40.70	-30 23.5	19.4	-1.08	-	4.0	3.4/14.9	31973
2002 AO ₄₇	2003 07 16.3	19 40.75	-18 30.2	19.7	-1.07	-	4.0	1.3/16.8	41763
1998 HX ₁₄₆	2003 07 16.3	19 40.77	-24 13.0	17.7	-0.94	-	7.0	1.1/15.8	47731
1999 RP ₂₁₂	2003 07 16.3	19 40.81	-40 17.7	19.1	-1.25	+	2.2	8.3/14.2	40373
1998 YW ₁₀	2003 07 16.3	19 40.82	-22 30.4	17.5	-1.14	-	0.5	0.5/16.2	47761
1993 UT ₇	2003 07 16.3	19 40.87	-17 51.9	19.1	-1.00	-	4.8	1.7/16.9	47690
2000 RV ₄₁	2003 07 16.3	19 40.91	-13 11.2	18.8	-1.03	-	0.5	3.3/17.3	30380
1999 TQ ₁₄₇	2003 07 16.3	19 40.93	-23 06.8	19.5	-0.90	-	4.0	0.6/16.1	47807
2001 XK ₆₄	2003 07 16.3	19 41.00	-35 29.1	17.7	-1.44	-	19.4	6.7/12.3	30570
2002 DR ₂	2003 07 16.3	19 41.02	-34 24.0	19.3	-0.96	-	6.5	3.7/13.8	31975
2000 YU ₇₉	2003 07 16.3	19 41.03	-19 17.9	19.4	-0.98	-	1.3	0.8/16.6	48000
2002 CB ₁₃₀	2003 07 16.3	19 41.06	-10 22.8	19.2	-0.87	-	4.6	4.4/18.4	29835
2000 RD ₉₅	2003 07 16.3	19 41.06	-13 00.5	17.4	-0.94	-	5.8	3.9/18.0	41670
1999 VY ₂₁₅	2003 07 16.3	19 41.10	-42 01.1	20.7	-1.06	-	1.5	6.6/13.4	31305
2000 SN ₆₇	2003 07 16.3	19 41.12	-29 08.2	19.0	-1.10	-	2.2	3.0/15.3	30389
1981 EF ₆	2003 07 16.3	19 41.12	-23 16.6	19.2	-0.90	-	0.0	0.6/16.2	12102
2002 CN ₁₀₀	2003 07 16.3	19 41.14	-19 34.8	18.8	-0.91	-	3.6	0.8/16.7	48203
1999 VO ₁₁₃	2003 07 16.3	19 41.14	-31 10.3	18.4	-0.87	-	2.4	3.0/14.9	31877
2000 SS ₉₈	2003 07 16.3	19 41.14	-22 40.1	18.1	-1.06	-	1.2	0.5/16.2	30391
2000 YJ ₇₉	2003 07 16.3	19 41.15	-18 12.1	18.2	-0.97	+	0.5	1.1/16.7	9905
2000 UA ₆₁	2003 07 16.3	19 41.16	-18 59.3	17.9	-1.01	-	0.8	1.0/16.7	47979
1995 WB ₁₇	2003 07 16.3	19 41.18	-23 14.1	20.5	-0.94	-	1.6	0.6/16.1	47700
1998 DR ₁₇	2003 07 16.4	19 41.09	-15 52.2	19.5	-0.97	-	5.0	2.2/17.3	47723
2002 AD ₁₆₇	2003 07 16.4	19 41.18	-20 42.3	18.7	-1.14	-	0.5	0.3/16.5	31963
1999 XY ₁₀₆	2003 07 16.4	19 41.20	-09 31.3	18.2	-0.85	+	0.4	4.3/17.9	47832
2000 CS ₉	2003 07 16.4	19 41.26	-17 39.5	19.4	-0.82	-	1.6	1.1/17.0	2733
2000 VT ₁₁	2003 07 16.4	19 41.45	-14 33.8	19.6	-0.98	-	2.4	2.8/17.4	33295
2001 BB ₃₃	2003 07 16.4	19 41.46	-34 31.3	17.9	-0.99	+	1.0	4.1/15.0	48006
2002 EL ₉₉	2003 07 16.4	19 41.47	-36 11.7	19.0	-1.10	-	4.0	5.6/14.1	33971
1999 RP ₂₀₂	2003 07 16.4	19 41.47	-09 24.7	19.4	-0.89	-	0.9	4.0/18.0	1465
2002 EC ₂₉	2003 07 16.4	19 41.48	-23 39.4	19.5	-0.96	-	2.8	0.8/16.1	29967
2002 JU ₈₁	2003 07 16.4	19 41.49	-21 19.2	19.2	-0.82	-	1.3	0.0/16.5	31717
2000 QG ₈₃	2003 07 16.4	19 41.55	-24 00.6	18.4	-0.98	-	1.7	1.4/16.1	27679
2000 SP ₄₀	2003 07 16.4	19 41.55	-22 07.6	18.7	-1.07	-	5.8	0.3/16.4	47943
1998 HG ₁₃₉	2003 07 16.4	19 41.57	-12 19.6	19.3	-0.88	-	5.4	3.4/18.2	14761
2000 UP ₉₀	2003 07 16.5	19 41.50	-21 53.8	19.1	-1.06	-	1.9	0.2/16.4	29483

5121 T-3	2003 07 16.5	19 41.51 -32 48.2 19.1	-0.91 - 4.4	3.6/14.4	30774
2002 CG ₂₁₈	2003 07 16.5	19 41.52 -21 33.1 20.2	-0.96 - 3.3	0.1/16.5	48210
1998 HO ₁₉	2003 07 16.5	19 41.52 -22 40.1 20.0	-0.99 - 1.7	0.5/16.3	27601
2000 SL ₂₃₂	2003 07 16.5	19 41.53 -38 23.7 18.1	-1.16 - 6.3	6.4/13.0	29389
2000 TJ ₁₆	2003 07 16.5	19 41.53 -30 28.5 20.3	-1.17 - 3.5	3.7/15.1	7603
2000 UV ₂₅	2003 07 16.5	19 41.60 -27 03.0 18.3	-1.03 - 7.5	2.6/15.4	9846
2001 YZ ₃	2003 07 16.5	19 41.67 -11 46.6 19.5	-1.14 + 3.1	3.0/17.3	30592
2002 CW ₅₂	2003 07 16.5	19 41.76 -20 21.3 20.7	-1.08 - 2.9	0.4/16.7	30646
1999 VM ₁₃₈	2003 07 16.5	19 41.76 -33 31.8 20.3	-0.89 - 4.0	4.0/14.4	34810
1999 TN ₂₆₇	2003 07 16.5	19 41.80 -21 30.5 18.7	-0.98 + 1.3	0.0/16.5	10464
2000 WV ₁₈₇	2003 07 16.5	19 41.83 -22 20.6 18.7	-1.11 + 1.0	0.4/16.5	13799
1998 QE ₈₄	2003 07 16.5	19 41.84 -20 53.8 17.6	-0.89 + 1.7	0.2/16.6	31822
2002 FB ₉	2003 07 16.5	19 41.87 -06 53.3 19.2	-0.84 - 2.4	5.3/18.9	48224
1998 QA ₁₆	2003 07 16.5	19 41.88 -51 26.7 19.2	-2.08 +12.3	16.7/17.6	26885
1999 NA ₁₁	2003 07 16.5	19 41.89 -30 21.2 17.4	-1.10 + 0.9	3.2/15.6	47784
3099 P-L	2003 07 16.5	19 41.91 -59 30.4 20.1	-1.74 + 2.1	12.0/11.6	9643
2002 GK ₁₁	2003 07 16.5	19 41.93 +10 21.3 19.4	-0.82 - 3.7	11.0/22.8	33543
2000 SE ₂₅	2003 07 16.5	19 41.96 -32 13.4 17.2	-1.23 + 2.5	4.3/15.6	30386
2002 CB ₆₁	2003 07 16.5	19 41.97 -32 59.5 18.7	-1.11 - 3.6	4.9/14.8	27834
2000 YY ₁₂₆	2003 07 16.5	19 41.99 -27 22.4 19.7	-0.99 - 2.8	2.0/15.7	29654
1999 VU ₈₂	2003 07 16.6	19 41.93 -00 41.6 18.4	-0.77 - 3.0	9.6/20.2	47821
2000 QE ₂₀₉	2003 07 16.6	19 41.94 -22 46.0 18.7	-1.11 - 1.5	0.6/16.4	27689
2001 BG ₆₇	2003 07 16.6	19 41.94 -03 45.9 19.2	-0.71 - 2.8	4.7/19.6	31937
2001 CW ₄₇	2003 07 16.6	19 41.95 -25 18.3 18.9	-1.04 - 2.0	1.6/16.1	48010
2000 SW ₂₂₉	2003 07 16.6	19 41.98 -25 32.1 19.8	-1.10 - 3.2	1.6/16.0	33268
2000 BQ ₆	2003 07 16.6	19 42.08 -42 59.0 17.2	-0.83 -22.0	13.2/07.8	47846
2002 GK ₁₀₇	2003 07 16.6	19 42.10 -22 42.6 20.7	-0.85 - 5.4	0.4/16.4	31580
2000 QU ₉₂	2003 07 16.6	19 42.10 -20 29.7 19.0	-1.11 - 0.9	0.4/16.7	13694
2000 XQ ₉	2003 07 16.6	19 42.12 -40 28.9 19.8	-1.11 - 2.7	5.8/13.5	12258
2000 YH ₁₁₆	2003 07 16.6	19 42.13 -22 29.0 18.8	-0.81 - 3.6	0.3/16.5	31932
2000 AJ ₄₄	2003 07 16.6	19 42.14 -23 28.1 19.1	-0.86 - 2.2	0.7/16.3	34854
1997 EV ₃₆	2003 07 16.6	19 42.16 -12 44.1 19.3	-0.88 - 7.4	2.9/18.4	33011
2001 FF ₁₀₈	2003 07 16.6	19 42.20 -28 16.5 20.6	-0.84 - 1.7	1.9/15.6	12074
2000 SE ₁₈₅	2003 07 16.6	19 42.21 -25 48.9 18.0	-1.09 - 7.1	2.1/15.8	33264
2002 GV ₁₂₉	2003 07 16.6	19 42.22 -16 56.0 20.6	-0.92 - 2.1	1.5/17.3	31592
1999 TJ ₁₀₃	2003 07 16.6	19 42.24 -23 40.5 19.1	-0.96 - 0.7	0.8/16.4	47805
2000 AD ₁₄₅	2003 07 16.6	19 42.26 -13 29.8 18.5	-0.86 + 0.2	2.5/17.6	47843
2002 GU ₇₆	2003 07 16.6	19 42.28 -24 20.2 18.8	-0.91 - 6.3	1.1/16.1	31547
2000 ST ₂₃₅	2003 07 16.6	19 42.29 -21 21.6 20.1	-1.02 - 2.2	0.0/16.7	30401
1996 VY ₅	2003 07 16.6	19 42.30 -24 16.1 20.0	-1.04 - 3.3	1.2/16.2	30252
1999 VC ₁₆₀	2003 07 16.6	19 42.34 +00 31.3 18.2	-0.81 + 0.1	9.6/19.5	47824
3466 T-3	2003 07 16.6	19 42.35 -23 02.8 18.4	-0.88 - 2.4	0.6/16.4	40535
1999 TT ₂₃₇	2003 07 16.6	19 42.36 +06 34.2 17.7	-0.72 - 5.5	12.8/23.7	6946
2001 AG ₂₆	2003 07 16.6	19 42.38 -35 51.1 19.2	-1.03 - 5.4	5.0/13.9	33352
2002 CH ₁₂₀	2003 07 16.6	19 42.40 -20 42.9 19.2	-1.11 0.0	0.3/16.8	30663
1999 JQ ₃₇	2003 07 16.7	19 42.34 -29 25.1 17.4	-1.09 - 2.5	3.6/15.6	27619
2002 AV ₁₁₈	2003 07 16.7	19 42.37 -29 06.2 19.5	-1.18 + 0.1	3.2/15.9	48190
1994 CM ₇	2003 07 16.7	19 42.39 -16 51.1 20.1	-0.97 - 4.9	1.8/17.5	35690
1998 HQ ₆₃	2003 07 16.7	19 42.39 -26 55.1 17.5	-0.89 - 4.3	2.5/15.7	47730
2000 SV ₄₈	2003 07 16.7	19 42.43 -18 22.3 20.0	-1.10 - 0.1	1.2/17.1	47944
2000 YQ ₉₈	2003 07 16.7	19 42.43 -14 56.7 19.5	-0.92 - 3.5	2.3/17.7	14258

1998 BO ₇	2003 07 16.7	19 42.53 -17 42.5 19.1	-0.98 - 3.1	1.3/17.3	31810
2002 BO ₁₉	2003 07 16.7	19 42.57 -26 33.3 19.2	-1.00 - 3.3	1.9/15.9	30632
1999 WN ₆	2003 07 16.7	19 42.59 -26 04.1 19.2	-0.86 - 3.7	1.5/16.0	11679
1999 JO ₄₉	2003 07 16.7	19 42.59 -28 53.0 18.0	-1.06 - 4.4	3.4/15.5	41576
2002 GN ₁₄₄	2003 07 16.7	19 42.62 -28 15.2 20.4	-0.86 - 4.2	1.9/15.6	31598
2000 QE ₂₄	2003 07 16.7	19 42.66 -28 08.7 20.0	-1.13 - 0.9	2.5/15.9	47912
1995 BZ ₁₁	2003 07 16.7	19 42.67 -19 42.8 17.6	-0.95 - 5.7	0.8/17.1	30247
2002 CX ₁₇₇	2003 07 16.7	19 42.69 -21 52.9 20.1	-1.01 - 2.2	0.2/16.7	30676
2002 EX ₁₃₄	2003 07 16.7	19 42.75 -21 45.1 20.9	-1.07 - 1.9	0.2/16.7	48223
1999 TO ₆₄	2003 07 16.7	19 42.76 -23 01.3 18.8	-0.94 - 1.7	0.7/16.6	31866
1999 TW ₁₄₁	2003 07 16.8	19 42.71 -28 02.0 18.9	-0.96 - 2.1	2.6/15.8	33104
2000 RG ₅₅	2003 07 16.8	19 42.75 -36 30.6 18.5	-1.16 + 0.3	5.3/15.0	30381
2001 BL ₄₇	2003 07 16.8	19 42.75 -09 05.5 19.5	-0.77 - 2.4	3.6/18.7	31936
2001 EU ₁₂	2003 07 16.8	19 42.78 -54 57.0 19.3	-1.20 - 1.9	8.1/11.0	13820
1999 XY ₄₆	2003 07 16.8	19 42.84 -19 00.5 19.3	-0.77 - 1.4	0.6/17.2	31882
2002 JG ₁₂₀	2003 07 16.8	19 42.86 -03 34.9 20.3	-0.87 - 4.6	5.7/20.0	48237
2002 FX ₁₃	2003 07 16.8	19 42.90 -26 13.7 20.3	-1.07 - 5.1	2.0/16.0	48225
2000 WF ₁₄₁	2003 07 16.8	19 42.92 -43 02.7 19.9	-0.98 - 2.8	5.6/13.2	47992
2000 UA ₁₁₀	2003 07 16.8	19 42.92 -41 53.1 18.2	-1.09 - 5.8	6.1/12.8	31920
2000 YT ₁₁₇	2003 07 16.8	19 42.95 -27 31.7 20.1	-0.93 + 0.3	1.9/16.1	16091
2000 AH ₁₉₉	2003 07 16.8	19 42.98 -17 28.1 17.9	-0.92 - 6.5	1.5/17.6	1566
1999 JY ₁₃₁	2003 07 16.8	19 42.99 -18 07.3 19.3	-0.97 - 2.3	1.5/17.3	47782
2002 AP ₁₆₈	2003 07 16.8	19 43.00 -20 35.2 19.8	-1.04 - 2.5	0.3/17.0	27816
2000 HC ₂₈	2003 07 16.8	19 43.02 +18 13.5 18.7	-1.15 + 2.8	18.9/22.0	47887
1999 TV ₂₆₁	2003 07 16.8	19 43.05 -03 59.1 19.8	-0.77 - 1.2	5.2/19.5	31871
2000 SQ ₈₄	2003 07 16.8	19 43.06 -15 45.0 19.9	-1.03 - 3.4	2.1/17.7	33254
2000 SZ ₁₆₀	2003 07 16.8	19 43.14 -40 22.0 17.6	-1.17 - 7.3	7.5/12.6	31915
1995 VH ₁₁	2003 07 16.8	19 43.14 -18 49.0 19.1	-0.90 - 3.8	1.0/17.3	30249
1997 SH ₁₄	2003 07 16.8	19 43.15 -24 34.6 20.6	-1.13 - 1.5	1.3/16.5	47715
2000 YV ₂₄	2003 07 16.8	19 43.15 -22 17.9 19.9	-0.86 - 3.0	0.3/16.7	31370
2002 AT ₁₂₅	2003 07 16.8	19 43.19 -18 42.5 20.6	-1.00 - 4.4	0.9/17.3	47148
1999 BQ ₃₁	2003 07 16.9	19 43.17 -23 29.2 17.9	-1.11 - 1.2	1.1/16.6	30290
2000 YH ₃₅	2003 07 16.9	19 43.18 -15 27.5 17.9	-1.03 + 2.3	2.3/17.4	33889
1999 TC ₂	2003 07 16.9	19 43.18 -31 59.7 17.0	-1.00 - 8.8	4.4/14.5	31864
1998 HF ₄₅	2003 07 16.9	19 43.22 -29 50.3 18.9	-1.05 - 1.5	2.8/15.8	47730
2000 VM ₂₈	2003 07 16.9	19 43.34 -14 06.7 18.7	-1.04 - 3.0	3.2/18.0	31921
2000 SX ₁₂₈	2003 07 16.9	19 43.35 +04 50.8 19.3	-1.15 + 4.4	10.1/18.0	7576
1999 TP ₂₃₇	2003 07 16.9	19 43.36 -13 40.8 18.0	-0.97 + 1.7	2.9/17.7	10915
2000 AP ₁₄₈	2003 07 16.9	19 43.37 -03 16.7 19.2	-0.75 - 0.3	4.8/19.5	47843
2002 KM ₂	2003 07 16.9	19 43.38 -28 21.4 18.4	-0.94 - 3.0	2.5/15.8	31756
1999 VT ₃₃	2003 07 16.9	19 43.38 -12 55.5 19.9	-0.78 - 1.3	2.4/18.2	34802
2002 GM ₈₆	2003 07 16.9	19 43.43 -17 16.1 19.6	-0.88 - 3.8	1.4/17.6	48229
2002 JM ₁₃₂	2003 07 16.9	19 43.46 -16 10.4 19.7	-0.81 - 1.5	1.6/17.7	31749
2000 QH ₁₇₂	2003 07 16.9	19 43.49 -12 00.0 18.6	-1.06 - 1.7	4.0/18.2	47925
1999 TJ ₉₉	2003 07 16.9	19 43.54 -02 18.7 18.7	-0.86 - 5.7	7.8/20.5	1483
2002 JK ₄₆	2003 07 16.9	19 43.55 -22 59.5 20.1	-0.82 - 2.0	0.5/16.7	31669
1999 JT ₉₇	2003 07 16.9	19 43.59 -08 36.4 19.4	-0.97 - 5.7	4.9/19.4	30298
2000 ST ₂₅₀	2003 07 17.0	19 43.58 -22 53.0 19.7	-1.06 - 4.2	0.6/16.8	33884
2000 UX ₂₉	2003 07 17.0	19 43.60 -37 22.5 21.4	-1.11 - 1.8	5.0/14.6	9847
2000 UZ ₁₀₅	2003 07 17.0	19 43.63 -17 39.3 18.3	-0.98 - 6.4	1.7/17.7	29492
2002 AL ₂₅	2003 07 17.0	19 43.66 -27 06.6 18.5	-1.19 + 0.4	2.5/16.4	41763

2000 WB ₁₇₁	2003 07 17.0	19 43.67 -23 12.0 18.0	-1.01 + 0.8	0.6/16.8	30433	2002 GL ₂₄	2003 07 17.3	19 44.97 -09 42.5 19.8	-0.93 - 3.1	5.2/19.1	48227
2002 GF ₉₉	2003 07 17.0	19 43.70 +01 20.2 18.7	-0.88 - 1.4	9.2/20.3	31571	2001 YG ₁₁₃	2003 07 17.3	19 44.98 -15 35.1 19.4	-1.03 - 4.2	2.2/18.3	30600
2000 AD ₃₂	2003 07 17.0	19 43.71 -27 26.5 19.2	-0.98 + 1.1	1.9/16.4	25768	2002 EQ ₁₀₁	2003 07 17.3	19 45.00 -22 23.7 18.5	-0.93 - 6.3	0.4/17.1	30058
1999 TH ₆₄	2003 07 17.0	19 43.72 -30 36.3 20.1	-0.99 - 1.4	3.3/15.7	29116	2002 GQ ₅₅	2003 07 17.3	19 45.04 -24 54.3 19.6	-0.95 - 1.3	1.3/16.9	31528
1150 T-3	2003 07 17.0	19 43.76 -31 25.0 18.6	-1.21 + 1.5	5.0/16.0	30773	1999 TM ₂₇₃	2003 07 17.3	19 45.04 -32 53.0 17.6	-1.10 + 3.0	4.8/16.3	34795
2001 XS ₂₇	2003 07 17.0	19 43.77 -28 19.4 20.1	-1.01 - 2.9	2.3/16.0	30564	2002 GP ₁₈	2003 07 17.3	19 45.05 -36 58.5 20.8	-1.09 - 3.5	5.0/14.7	31992
2000 WX ₁₅₆	2003 07 17.0	19 43.86 -36 03.7 19.9	-1.08 - 3.6	5.2/14.6	33323	2000 SY ₂₅₃	2003 07 17.3	19 45.06 -14 31.9 20.0	-0.97 - 4.5	2.6/18.5	47962
1999 XA ₂₃₄	2003 07 17.0	19 43.86 +01 25.6 19.0	-0.76 - 1.0	6.9/20.5	29203	2002 EK ₉₇	2003 07 17.3	19 45.06 -09 42.4 19.1	-0.95 - 0.3	4.7/18.9	31474
2002 DW ₂	2003 07 17.0	19 43.87 -35 18.3 17.9	-0.97 - 4.5	6.7/14.4	29919	1999 WF ₁₂	2003 07 17.3	19 45.08 -30 18.7 18.3	-0.88 - 5.5	3.4/15.6	31305
2000 WL ₁₈₀	2003 07 17.0	19 43.89 -17 43.6 19.9	-1.02 - 4.4	1.4/17.7	8309	2001 FX ₃₃	2003 07 17.3	19 45.14 -30 07.7 18.2	-0.97 + 1.1	2.8/16.4	13295
1999 JD ₉₉	2003 07 17.1	19 43.92 +01 04.7 17.9	-0.92 - 4.5	9.1/21.4	30298	2000 YM ₂₆	2003 07 17.3	19 45.15 -08 38.1 20.2	-0.88 - 5.5	4.6/19.8	47998
2002 GA ₁₄₀	2003 07 17.1	19 43.97 -26 03.2 20.0	-0.87 - 2.5	1.5/16.4	31595	2000 TV ₄₁	2003 07 17.3	19 45.22 -18 36.2 20.2	-1.02 - 4.9	1.0/17.9	47973
2000 YE ₄₄	2003 07 17.1	19 43.98 -23 50.5 20.0	-0.91 - 4.8	0.9/16.7	34986	2000 SE ₂₄	2003 07 17.4	19 45.13 -58 59.5 19.9	-1.78 + 0.1	14.1/11.1	31914
2000 YT ₅₂	2003 07 17.1	19 44.05 -24 01.9 19.3	-0.90 - 4.8	0.9/16.6	31930	2001 XY ₁₈₆	2003 07 17.4	19 45.13 -25 31.9 19.4	-1.05 - 6.5	2.0/16.6	48170
1999 KA ₂	2003 07 17.1	19 44.08 -17 39.8 19.6	-1.04 - 2.7	1.5/17.7	47783	2000 YR ₁₂	2003 07 17.4	19 45.14 -16 00.3 20.0	-0.79 - 0.7	1.4/18.1	13800
2002 CV ₂₄	2003 07 17.1	19 44.09 -02 06.2 19.5	-0.85 - 4.6	7.3/20.9	29773	2000 VP ₁₄	2003 07 17.4	19 45.17 -11 29.3 19.7	-0.98 - 2.8	4.0/18.9	9860
2000 SN ₂₁₇	2003 07 17.1	19 44.12 -18 18.5 18.2	-0.98 - 5.0	1.1/17.7	30399	1998 BV ₄₁	2003 07 17.4	19 45.23 -29 56.3 19.5	-1.08 - 1.5	3.4/16.2	30260
2000 YK ₁₂₁	2003 07 17.1	19 44.13 +05 25.4 17.4	-0.91 -13.2	12.2/24.6	30443	1999 TU ₃	2003 07 17.4	19 45.24 -36 09.7 18.2	-0.98 - 1.6	4.8/15.2	33826
2000 VK ₄₄	2003 07 17.1	19 44.14 -41 17.7 20.2	-1.14 - 3.2	6.6/13.8	47985	2002 JF ₈₁	2003 07 17.4	19 45.26 -30 02.4 19.5	-0.88 - 1.4	2.9/16.1	48235
1999 RA ₁₈₅	2003 07 17.1	19 44.15 -08 32.4 18.5	-0.83 - 7.2	5.0/19.8	41581	1999 VD ₂	2003 07 17.4	19 45.35 -35 02.0 17.6	-0.95 - 5.0	4.9/14.7	30330
1999 TV ₁₆₉	2003 07 17.1	19 44.16 -40 17.8 19.3	-1.06 - 1.3	6.5/14.3	31284	2000 RS ₉₀	2003 07 17.4	19 45.36 -21 05.0 18.9	-1.09 + 0.6	0.1/17.5	47938
1998 QA ₇₄	2003 07 17.1	19 44.20 -17 20.1 18.4	-0.89 + 1.0	1.4/17.6	31822	1998 QW ₈₃	2003 07 17.4	19 45.38 -11 48.5 18.3	-0.91 + 3.8	3.9/18.0	16838
1999 VU ₉₇	2003 07 17.1	19 44.20 -35 45.8 17.7	-0.96 - 3.7	5.3/14.6	29175	1999 LA ₃₀	2003 07 17.4	19 45.43 -23 52.1 19.3	-1.04 - 4.1	1.1/17.0	47784
2000 WV ₁₀₁	2003 07 17.1	19 44.28 -18 56.1 19.0	-1.00 - 5.2	0.9/17.6	29568	2000 WE ₉₅	2003 07 17.4	19 45.45 -26 46.6 20.2	-0.95 - 2.9	1.7/16.6	29564
2002 AN ₆₁	2003 07 17.1	19 44.28 -15 05.9 19.5	-0.93 - 3.9	2.3/18.2	27805	2000 SX ₁₈₇	2003 07 17.4	19 45.46 -21 03.0 19.7	-1.03 - 5.6	0.1/17.5	47957
1999 NH ₅₇	2003 07 17.1	19 44.30 -14 43.5 17.9	-1.01 + 3.0	2.7/17.7	36908	2002 EF ₇₃	2003 07 17.4	19 45.54 -37 54.1 19.1	-1.10 - 0.3	5.8/15.3	31979
2002 BF ₂₀	2003 07 17.1	19 44.32 -01 38.1 19.3	-0.98 -10.4	7.2/21.9	30633	1999 TN ₁₆	2003 07 17.4	19 45.58 -21 56.1 19.7	-0.86 - 2.0	0.2/17.4	31864
2000 YV ₇	2003 07 17.1	19 44.32 -33 26.5 18.6	-1.00 + 1.6	3.9/15.9	30438	2002 ES ₇₉	2003 07 17.4	19 45.59 -09 08.0 21.4	-0.90 - 2.7	4.3/19.4	30029
2000 SO ₂₃₃	2003 07 17.1	19 44.40 -26 57.9 19.0	-1.07 - 5.3	2.3/16.2	47961	2000 QT ₆₄	2003 07 17.5	19 45.59 -23 28.3 18.7	-1.08 - 6.1	1.0/17.1	33237
2000 SW ₂₁₆	2003 07 17.2	19 44.42 -20 06.5 16.3	-0.82 - 9.2	0.6/17.5	47959	2002 GS ₃₈	2003 07 17.5	19 45.63 -25 09.1 19.5	-0.90 - 2.6	1.4/16.9	48227
1999 GO ₇	2003 07 17.2	19 44.43 -15 44.9 19.6	-1.01 - 3.7	2.5/18.1	47775	1999 RA ₆₀	2003 07 17.5	19 45.63 -21 03.4 17.5	-0.95 - 0.1	0.1/17.5	33818
1999 VU ₁₃₂	2003 07 17.2	19 44.44 -39 37.6 19.8	-1.11 + 0.1	6.5/14.9	29179	2002 CP ₁₃₁	2003 07 17.5	19 45.64 -05 58.7 18.3	-0.83 - 7.8	6.3/21.0	33961
2000 XP ₃₀	2003 07 17.2	19 44.44 -44 14.2 18.1	-1.21 - 3.6	8.5/13.0	31928	2002 GT ₁₂₈	2003 07 17.5	19 45.67 -14 10.9 19.9	-0.89 - 1.7	2.5/18.6	31592
1999 VH ₁₁₆	2003 07 17.2	19 44.49 -13 32.1 19.9	-0.79 - 1.9	2.4/18.4	30334	2002 CE ₂₃	2003 07 17.5	19 45.69 -18 21.5 18.3	-1.06 + 2.6	1.1/18.0	30640
2000 RN ₈₃	2003 07 17.2	19 44.50 -12 17.8 18.5	-1.08 - 1.3	4.0/18.0	29303	2002 AK ₉	2003 07 17.5	19 45.69 -24 10.1 19.9	-1.06 - 5.2	1.2/17.0	30604
2000 YL ₆₉	2003 07 17.2	19 44.51 -33 24.3 17.7	-0.98 - 8.7	5.5/14.5	48000	2001 XB ₄₆	2003 07 17.5	19 45.70 -36 15.7 18.0	-1.17 - 1.7	6.4/15.5	30566
2002 CU ₁₅₆	2003 07 17.2	19 44.51 -27 09.6 21.2	-1.15 - 0.2	2.3/16.6	27529	6202 P-L	2003 07 17.5	19 45.74 -15 11.1 19.1	-0.84 - 1.3	2.1/18.4	48387
2000 RC ₈₇	2003 07 17.2	19 44.55 -16 09.1 18.0	-1.00 - 2.4	2.6/18.0	47937	1999 CS ₁₄₉	2003 07 17.5	19 45.80 -36 41.9 17.4	-1.11 + 3.8	8.5/16.4	47770
2000 WM ₅	2003 07 17.2	19 44.61 -29 04.3 18.8	-1.09 + 0.3	3.9/16.3	30423	2000 UQ ₈₀	2003 07 17.5	19 45.87 -12 39.4 20.4	-1.00 - 1.0	3.5/18.7	9854
2000 RC ₈₃	2003 07 17.2	19 44.65 -20 20.5 18.4	-1.07 + 1.2	0.5/17.4	47937	1999 VY ₄₂	2003 07 17.5	19 45.87 -26 54.8 20.0	-0.81 - 3.0	1.6/16.6	30332
2002 CB ₇₁	2003 07 17.2	19 44.73 -19 42.7 18.4	-0.94 - 3.7	0.7/17.5	48201	1998 BW ₇	2003 07 17.5	19 45.87 -30 51.9 20.6	-1.13 - 3.8	3.5/16.0	47722
1998 QJ ₅₁	2003 07 17.3	19 44.73 +08 49.2 19.8	-0.76 - 4.6	8.8/23.1	31821	1998 AW ₆	2003 07 17.5	19 45.90 -24 01.4 18.1	-1.03 - 3.5	1.1/17.1	47721
2002 EG ₇₄	2003 07 17.3	19 44.74 -07 44.3 20.7	-0.85 - 2.4	4.2/19.5	31979	2000 TC ₅₄	2003 07 17.5	19 45.90 -31 31.6 18.8	-1.07 - 2.8	4.8/16.0	47974
2001 FV ₁₆₂	2003 07 17.3	19 44.79 -09 37.4 20.3	-0.75 - 3.1	3.5/19.3	48026	1999 VS ₂₁₅	2003 07 17.5	19 45.94 -20 03.2 18.8	-0.86 - 0.1	0.4/17.7	30336
2000 YL ₃₄	2003 07 17.3	19 44.80 -20 53.7 19.5	-0.85 - 0.1	0.1/17.4	47998	1999 VK ₆₅	2003 07 17.5	19 45.95 -05 09.0 18.1	-0.81 - 0.6	5.9/19.8	30333
2000 SB ₇₃	2003 07 17.3	19 44.81 -30 10.2 17.4	-1.09 - 4.3	4.7/15.7	13749	2001 XG ₂₄₉	2003 07 17.5	19 45.99 -23 24.5 19.6	-1.02 - 6.3	1.0/17.2	26094
1999 XP ₇₉	2003 07 17.3	19 44.83 -19 45.5 19.7	-0.85 - 2.8	0.5/17.6	13048	2000 WU ₁₂₉	2003 07 17.5	19 46.01 -26 27.6 20.4	-0.98 - 2.6	1.8/16.8	33319
2000 SZ ₃₃₅	2003 07 17.3	19 44.86 -25 54.5 18.0	-1.08 - 0.3	1.9/16.8	30406	2002 AR ₁₇₂	2003 07 17.5	19 46.01 -23 33.2 21.4	-1.06 - 3.6	0.9/17.2	48193
1999 RH ₁₇	2003 07 17.3	19 44.89 -20 49.4 18.5	-0.93 - 1.1	0.2/17.4	30305	2000 YB ₂₆	2003 07 17.5	19 46.01 -15 21.0 19.2	-0.92 - 2.7	2.0/18.5	31930
2000 XQ ₅₀	2003 07 17.3	19 44.96 -23 12.2 19.0	-1.18 + 3.6	0.6/17.2	11012	2002 CU ₂₃₂	2003 07 17.5	19 46.02 -30 11.7 19.0	-0.95 - 5.8	3.5/15.9	30687
1999 TW ₂₉₁	2003 07 17.3	19 44.96 +13 15.1 19.7	-0.76 + 0.5	9.1/22.2	31292	2000 AE ₂₃₂	2003 07 17.6	19 45.94 -22 47.3 19.7	-0.84 - 2.5	0.5/17.4	27659

2003 AUG. 6

M.P.C. 49299

2002 CS ₂₅₉	2003 07 17.6	19 45.96 -22 11.2 16.5	-0.85 -13.7	0.5/17.3	48212
1999 TO ₁₆₄	2003 07 17.6	19 46.00 -37 18.9 19.4	-1.02 - 1.1	5.4/15.3	47808
2000 SW ₁₄₅	2003 07 17.6	19 46.06 -32 10.9 19.0	-1.14 - 2.1	4.3/16.0	30395
2000 QL ₂₃₀	2003 07 17.6	19 46.09 -30 33.2 17.9	-1.13 - 4.9	4.2/16.0	29268
2000 WP ₁₆₉	2003 07 17.6	19 46.13 -18 45.9 19.0	-0.99 - 6.1	1.0/18.0	31361
1999 TO ₁₂₉	2003 07 17.6	19 46.14 -21 33.3 19.7	-0.92 - 1.7	0.1/17.6	30322
2002 CF ₂₄₄	2003 07 17.6	19 46.17 -03 34.7 19.2	-0.85 - 4.9	6.5/21.1	31971
2002 EB ₃₇	2003 07 17.6	19 46.21 -21 02.3 19.8	-1.07 - 4.7	10.7/28.0	29980
1998 FP ₁₀	2003 07 17.6	19 46.21 -43 06.0 18.2	-1.15 + 2.5	10.2/15.5	27597
2000 WU ₄₉	2003 07 17.6	19 46.21 -21 23.9 20.0	-0.93 - 3.0	0.1/17.6	31923
2000 SX ₃₁	2003 07 17.6	19 46.22 -31 37.0 19.2	-1.17 - 0.4	4.7/16.4	47942
2000 XN ₂₆	2003 07 17.6	19 46.22 -42 41.3 16.8	-1.15 - 7.7	9.0/12.5	31928
2002 CW ₆₀	2003 07 17.6	19 46.23 -32 49.4 19.3	-1.10 - 3.6	4.9/15.8	41763
1998 DK ₂₀	2003 07 17.6	19 46.24 -24 55.8 19.8	-1.04 - 2.6	1.3/17.1	47723
1998 DC ₁₂	2003 07 17.6	19 46.34 -23 07.8 18.5	-1.04 - 3.8	0.8/17.4	30260
2000 YL ₅₀	2003 07 17.6	19 46.34 -18 31.8 20.5	-0.95 - 3.8	0.9/18.0	47999
2000 AM ₁₁₂	2003 07 17.6	19 46.37 -17 09.6 19.0	-0.82 - 1.3	1.3/18.0	47842
2002 AT ₁₃₁	2003 07 17.6	19 46.39 -13 39.4 18.7	-1.48 + 8.3	3.7/17.8	30620
2000 SW ₂₆₇	2003 07 17.6	19 46.40 -14 12.4 19.9	-1.00 - 2.4	2.6/18.7	31338
1999 RX ₁₀₇	2003 07 17.7	19 46.36 -07 30.2 18.7	-0.87 - 1.5	5.4/19.8	47791
1998 HG ₁₁	2003 07 17.7	19 46.36 -51 50.2 19.4	-1.34 - 1.3	11.8/12.8	31814
1999 TF ₈	2003 07 17.7	19 46.38 -23 28.6 17.4	-1.02 + 1.8	1.0/17.5	47800
2002 CU ₁₃	2003 07 17.7	19 46.38 -16 04.7 22.2	-0.96 - 3.5	1.6/18.5	48198
2000 RM ₆₅	2003 07 17.7	19 46.39 -13 14.4 18.6	-0.91 - 6.1	4.3/19.2	47936
2002 CX ₁₉₉	2003 07 17.7	19 46.40 -25 32.7 19.8	-1.09 - 3.1	2.0/17.0	30680
2002 GB ₉₃	2003 07 17.7	19 46.43 +03 23.6 19.1	-0.86 - 1.4	9.7/21.4	31564
2000 VT ₆	2003 07 17.7	19 46.47 -29 35.9 18.7	-1.03 - 3.9	3.9/16.3	29498
2002 EQ ₁₁₁	2003 07 17.7	19 46.54 -16 03.1 18.7	-0.82 - 5.7	1.8/18.7	31476
2002 DR ₁₁	2003 07 17.7	19 46.57 -04 12.2 18.6	-0.86 - 6.7	6.8/21.5	35573
2000 WU ₈₅	2003 07 17.7	19 46.59 -22 45.6 19.3	-1.09 - 2.1	0.7/17.5	47990
2000 YO ₂	2003 07 17.7	19 46.63 -40 19.1 19.9	-1.12 - 2.3	5.8/14.6	11012
1998 SG ₁₇	2003 07 17.7	19 46.70 -22 46.0 17.9	-0.81 - 3.0	0.6/17.5	47743
2000 UA ₄	2003 07 17.7	19 46.81 -14 05.3 20.1	-1.07 - 1.6	2.9/18.7	13787
2002 CR ₂₃₉	2003 07 17.7	19 46.82 -17 55.8 19.6	-1.06 - 1.8	1.3/18.2	29887
2000 UY ₂₃	2003 07 17.8	19 46.74 -28 24.7 19.5	-0.99 - 4.4	2.4/16.5	31918
1999 VO ₉₃	2003 07 17.8	19 46.74 -08 41.2 19.1	-0.83 - 2.1	5.2/19.8	33136
2002 CU ₄	2003 07 17.8	19 46.77 -41 06.5 19.4	-1.18 - 2.4	7.0/14.8	30635
2000 UL ₂₃	2003 07 17.8	19 46.87 -18 18.8 19.3	-0.94 - 3.9	1.0/18.3	30412
2002 CL ₁₅	2003 07 17.8	19 46.88 -14 36.0 19.7	-0.97 - 4.1	2.5/18.9	30638
1999 RG ₂₅₃	2003 07 17.8	19 46.90 -40 17.8 19.7	-0.99 - 0.8	5.2/15.1	30316
1999 VC ₄₃	2003 07 17.8	19 46.94 -32 42.7 19.8	-0.90 - 4.5	4.0/15.7	31875
1999 VZ ₅₉	2003 07 17.8	19 46.96 -21 10.7 19.6	-0.82 - 2.0	6.5/28.0	13622
2000 YO ₄₁	2003 07 17.8	19 46.96 -25 01.6 19.3	-0.93 - 5.4	1.4/17.1	37532
1999 UW ₅₆	2003 07 17.8	19 46.97 -06 33.0 18.7	-0.79 - 2.2	4.6/20.2	19463
2002 EZ ₂₇	2003 07 17.8	19 46.97 -18 00.6 20.0	-1.02 - 4.1	1.2/18.4	48217
1999 RC ₅₁	2003 07 17.8	19 47.02 -03 54.8 17.3	-0.79 -10.6	7.9/22.3	29068
2002 JW ₉₆	2003 07 17.8	19 47.02 -35 07.1 19.3	-0.93 - 5.4	4.4/15.0	35195
2000 SN ₉₄	2003 07 17.8	19 47.14 -14 06.7 18.6	-1.04 - 1.4	2.9/18.8	29336
1998 HL ₁₉	2003 07 17.8	19 47.17 -01 28.1 19.0	-0.88 - 2.5	7.2/21.2	30268
1999 VJ ₁₈₇	2003 07 17.8	19 47.19 +00 58.3 18.9	-0.76 - 1.1	6.7/21.4	29187
1995 UZ ₁	2003 07 17.8	19 47.22 -20 45.6 19.5	-0.95 - 2.3	9.0/28.0	30248

1999 TZ ₂₃₂	2003 07 17.9	19 47.14 -15 37.1 18.6	-0.83 - 8.4	2.5/19.1	43354
2000 UV ₂	2003 07 17.9	19 47.17 -12 52.6 20.8	-1.03 - 1.9	3.3/19.0	8513
1999 UK ₅	2003 07 17.9	19 47.17 +02 37.3 18.0	-1.47 +24.8	12.8/13.5	38811
1999 GO ₁₀	2003 07 17.9	19 47.20 -35 36.3 19.2	-1.15 - 1.3	7.0/15.9	5525
2000 WL ₁₅	2003 07 17.9	19 47.20 -17 13.6 15.1	-1.18 + 8.7	2.1/18.0	47987
1995 JE	2003 07 17.9	19 47.25 -28 04.8 19.6	-1.11 - 0.8	2.7/17.0	31805
1998 HQ ₈₃	2003 07 17.9	19 47.28 -38 04.2 20.0	-1.10 - 3.5	5.7/15.2	47730
2002 EK ₁₄	2003 07 17.9	19 47.32 +00 16.9 18.6	-0.73 - 4.3	8.5/22.5	48216
2002 AL ₂₃	2003 07 17.9	19 47.34 -11 43.0 19.3	-1.06 - 0.5	4.2/19.2	48185
2000 YJ ₁₀₁	2003 07 17.9	19 47.36 -21 05.2 18.8	-0.92 - 7.3	8.0/28.0	31381
2000 SV ₉₈	2003 07 17.9	19 47.38 -31 09.4 17.9	-1.16 + 0.8	4.8/16.8	27707
2002 GA ₇₆	2003 07 17.9	19 47.41 -20 40.1 20.7	-0.86 - 1.9	7.3/07.0	48228
2000 SC ₁₂₂	2003 07 17.9	19 47.42 -46 55.8 18.1	-1.28 - 2.6	9.7/13.7	30393
1999 VH ₅	2003 07 17.9	19 47.42 -38 01.8 16.6	-0.98 - 5.6	6.4/14.5	31873
2000 WY ₁₈₉	2003 07 17.9	19 47.43 -25 32.1 20.5	-1.13 - 2.8	1.9/17.3	33325
1997 KT ₃	2003 07 17.9	19 47.44 -09 54.2 19.3	-0.77 - 6.3	4.0/20.3	47712
2000 PD ₂₈	2003 07 17.9	19 47.45 -28 01.7 19.7	-1.17 - 6.1	2.8/16.7	33236
2000 SW ₁₅₃	2003 07 17.9	19 47.46 -22 47.5 19.0	-1.05 - 3.4	0.8/17.7	29364
2002 GY ₇₃	2003 07 17.9	19 47.50 -22 22.1 19.2	-0.90 - 4.1	0.4/17.8	31543
2000 YH ₂₈	2003 07 17.9	19 47.52 -04 18.2 19.6	-0.87 - 0.6	5.8/20.2	11013
2000 YB ₄₇	2003 07 17.9	19 47.55 -22 26.3 17.5	-1.04 - 0.4	0.6/17.8	31373
2000 UY ₆₉	2003 07 17.9	19 47.60 -21 17.5 19.1	-0.95 - 1.7	7.2/28.0	38287
2000 VX ₄₄	2003 07 17.9	19 47.62 +16 27.2 20.0	-0.93 + 1.8	12.2/23.5	9864
1999 JG ₈₇	2003 07 18.0	19 47.54 -23 20.8 16.8	-0.78 - 8.7	1.2/17.5	47781
2002 CO ₁₈₅	2003 07 18.0	19 47.60 -23 24.5 20.4	-1.04 - 3.9	0.9/17.6	48208
2001 BG ₃₄	2003 07 18.0	19 47.63 -28 04.1 18.0	-0.92 - 0.2	2.2/17.1	30447
2002 JX ₁₇	2003 07 18.0	19 47.63 -16 09.8 19.2	-0.79 - 1.6	1.5/18.8	31631
2000 SH ₂₅₉	2003 07 18.0	19 47.65 -20 30.7 18.8	-1.06 - 1.5	0.3/18.1	29398
1996 XY ₂₀	2003 07 18.0	19 47.68 -29 37.6 20.9	-1.01 - 3.7	2.8/16.6	31221
2001 BO ₂₂	2003 07 18.0	19 47.78 -19 27.6 19.5	-0.93 - 3.6	0.6/18.3	9626
2002 AX ₂₀₁	2003 07 18.0	19 47.80 -33 01.5 20.2	-1.10 - 3.3	4.1/16.2	35570
2000 CU ₅₈	2003 07 18.0	19 47.87 +16 10.8 18.2	-1.03 -17.2	18.0/01.1	47851
1999 RX ₂₅₁	2003 07 18.0	19 47.89 -27 48.2 18.3	-1.24 + 7.4	3.0/17.8	17043
2002 JN ₈₅	2003 07 18.0	19 47.92 -06 14.0 18.9	-0.78 - 0.8	4.9/20.2	48235
3504 P-L	2003 07 18.0	19 47.94 -33 16.0 18.1	-1.15 + 1.4	4.9/16.7	48386
2002 CD ₁₅₅	2003 07 18.1	19 47.99 -27 12.0 19.7	-1.16 - 2.2	2.7/17.3	27528
2000 VV ₂	2003 07 18.1	19 47.99 -30 55.0 17.7	-1.07 - 3.1	4.8/16.5	47983
1990 TF ₆	2003 07 18.1	19 48.01 -28 52.2 19.0	-1.08 - 0.7	2.6/17.0	31801
2002 CM ₈	2003 07 18.1	19 48.05 -17 50.3 19.8	-0.99 - 2.8	1.4/18.6	48197
1999 NA ₆₅	2003 07 18.1	19 48.11 -17 09.2 18.3	-0.92 - 7.0	1.4/18.9	31856
2002 CR ₈₄	2003 07 18.1	19 48.19 -18 32.9 19.0	-0.91 - 5.7	1.1/18.6	29803
2000 WF ₉₉	2003 07 18.1	19 48.20 -30 29.2 19.6	-0.99 - 4.8	3.3/16.4	29566
2001 DU ₄₀	2003 07 18.1	19 48.26 -14 00.7 20.6	-0.94 - 4.3	2.2/19.4	12298
2002 AL ₁₈₉	2003 07 18.1	19 48.31 +02 34.9 19.7	-0.84 - 3.0	10.2/23.0	48194
1999 UR ₃₆	2003 07 18.1	19 48.39 -23 02.7 20.9	-0.94 - 1.6	0.7/17.9	47816
1999 VM ₁₂₄	2003 07 18.1	19 48.40 -33 18.1 20.0	-1.06 - 1.3	5.4/16.3	20743
1998 SA ₅₈	2003 07 18.1	19 48.42 -48 29.9 18.1	-1.12 - 0.8	9.7/13.7	30283
2000 SM ₂₂₃	2003 07 18.1	19 48.43 -24 43.6 20.0	-1.05 - 2.4	1.3/17.7	31337
2002 CN ₁₆₇	2003 07 18.2	19 48.37 -41 51.7 17.5	-1.18 + 1.1	7.9/15.9	30674
2000 SM ₁₁₄	2003 07 18.2	19 48.37 -23 09.6 20.4	-1.04 - 3.3	0.8/17.9	47950
2002 CH ₃₉	2003 07 18.2	19 48.39 -26 23.4 19.8	-1.13 - 0.6	2.2/17.5	48199

1999 XK ₂₀₄	2003 07 18.2	19 48.41	-32 58.5	18.1	-0.90	- 0.4	3.6/16.5	47835
1999 RM ₁₅₆	2003 07 18.2	19 48.41	-08 26.0	19.5	-0.88	- 3.2	5.4/20.2	34778
2002 EQ ₇₁	2003 07 18.2	19 48.55	-21 37.7	20.6	-1.04	- 2.4	0.2/18.2	30015
2000 SM ₆₄	2003 07 18.2	19 48.59	-20 52.9	18.2	-1.03	- 2.5	0.1/18.3	30389
1999 TT ₃₇	2003 07 18.2	19 48.59	-13 58.1	18.2	-0.88	- 0.3	3.2/19.2	38217
1999 VO ₄₈	2003 07 18.2	19 48.60	-38 12.7	18.8	-1.00	- 1.9	5.3/15.4	33837
1993 TG ₁₄	2003 07 18.2	19 48.63	-12 31.0	19.0	-1.00	- 3.5	3.5/19.6	30245
1998 SR ₆	2003 07 18.2	19 48.65	-07 44.0	19.3	-0.76	- 4.4	4.7/20.8	31241
1999 RL ₂₃	2003 07 18.2	19 48.67	-28 44.5	19.6	-0.96	- 2.5	2.6/17.0	31857
2002 FX ₃₇	2003 07 18.2	19 48.71	-12 09.8	19.1	-0.87	- 7.3	3.3/20.2	31497
2000 YR ₂₄	2003 07 18.2	19 48.72	-20 57.3	19.6	-0.99	- 2.1	0.0/18.3	34985
2000 AL ₃₁	2003 07 18.2	19 48.75	-23 44.7	17.9	-0.83	- 4.1	0.9/17.8	47839
2000 YH ₅₀	2003 07 18.2	19 48.77	-23 36.1	19.4	-0.95	- 2.0	0.9/17.9	17512
2000 YQ ₁₃₇	2003 07 18.2	19 48.79	-33 47.3	18.2	-1.08	+ 3.4	3.7/17.2	12267
2000 TF ₄₇	2003 07 18.2	19 48.80	-16 00.4	19.2	-1.01	- 5.3	2.1/19.2	33280
1994 AF ₄	2003 07 18.2	19 48.83	-24 39.6	19.1	-1.09	- 4.4	1.6/17.7	47690
2001 YV ₈₆	2003 07 18.3	19 48.76	-24 19.5	18.7	-1.06	- 2.2	1.3/17.8	30598
1999 RX ₈₇	2003 07 18.3	19 48.79	-27 45.5	18.7	-0.96	- 2.0	2.4/17.3	35476
2000 SN ₁₈₇	2003 07 18.3	19 48.82	-20 06.6	18.9	-1.02	- 3.4	0.4/18.5	30398
1998 HJ ₆₄	2003 07 18.3	19 48.82	-27 15.0	19.9	-0.99	- 2.8	2.2/17.3	47730
2002 CR ₁₅₀	2003 07 18.3	19 48.84	-21 03.1	21.2	-0.97	- 2.9	0.0/18.3	30670
2000 SX ₁₈₀	2003 07 18.3	19 48.86	-19 21.1	19.4	-1.04	- 3.1	0.6/18.6	30397
2000 VK ₁₈	2003 07 18.3	19 48.99	-20 38.6	18.9	-1.04	- 4.1	0.2/18.4	47984
2002 CJ ₁₄₂	2003 07 18.3	19 48.99	-20 47.1	19.7	-1.01	- 4.3	0.1/18.4	48206
2000 AZ ₈₂	2003 07 18.3	19 48.99	-16 22.3	20.5	-0.80	- 2.1	1.4/19.1	12226
2000 QY ₆₀	2003 07 18.3	19 49.02	-18 44.7	18.2	-1.05	- 4.8	1.1/18.8	27678
2000 YX ₆₀	2003 07 18.3	19 49.04	-17 16.9	19.0	-0.80	- 1.4	1.1/18.9	33889
2000 WB ₅₀	2003 07 18.3	19 49.04	-23 54.1	17.3	-1.00	- 8.0	1.4/17.8	11000
1999 KG ₉	2003 07 18.3	19 49.06	-16 52.7	19.4	-0.98	- 3.6	1.9/19.1	33813
2000 RS ₆₀	2003 07 18.3	19 49.06	-16 11.7	18.1	-1.04	+ 2.1	1.8/18.8	30382
1999 TK ₆₁	2003 07 18.3	19 49.07	-16 03.6	20.1	-0.87	- 2.3	1.7/19.2	47803
2002 JB ₃₇	2003 07 18.3	19 49.20	-22 34.0	19.2	-0.81	- 5.7	0.4/18.1	32019
1998 KT ₂₃	2003 07 18.4	19 49.21	+01 11.3	18.1	-0.84	- 1.1	9.1/22.1	29005
2000 SJ ₂₄₄	2003 07 18.4	19 49.29	-23 13.7	18.8	-1.07	- 4.2	0.9/18.1	29394
2000 YN ₆₀	2003 07 18.4	19 49.32	-22 00.1	20.3	-0.88	- 4.2	0.3/18.3	47999
2000 WB ₁₄₆	2003 07 18.4	19 49.34	-21 52.7	18.2	-0.97	- 8.8	0.4/18.3	47992
2000 UN ₉₉	2003 07 18.4	19 49.35	-26 10.5	20.0	-1.08	- 1.8	2.0/17.7	33293
1992 PO	2003 07 18.4	19 49.36	-25 42.6	18.2	-0.95	+ 1.2	1.6/17.9	41518
2002 EB ₇₅	2003 07 18.4	19 49.41	-20 28.4	19.1	-0.94	- 1.5	0.2/18.5	30024
1996 HQ ₂₀	2003 07 18.4	19 49.44	-14 07.1	19.3	-1.07	- 2.6	3.0/19.5	47703
2001 AY ₁₅	2003 07 18.4	19 49.46	-17 34.3	18.5	-0.99	- 3.2	1.4/19.0	30445
2002 CD ₂₇₉	2003 07 18.4	19 49.46	-12 21.0	18.8	-0.82	- 4.9	3.9/20.2	48212
2002 GE ₉₉	2003 07 18.4	19 49.47	-07 08.2	20.2	-0.88	- 1.8	5.1/20.6	47201
1998 FC ₆₇	2003 07 18.4	19 49.49	-01 04.1	18.6	-0.85	- 4.9	7.3/22.5	31813
2000 SO ₁₀₉	2003 07 18.4	19 49.49	-15 12.6	19.2	-1.02	- 2.9	2.5/19.4	30392
2000 SU ₂₉₂	2003 07 18.4	19 49.50	-03 36.9	18.8	-0.99	+ 1.6	7.1/20.5	47965
2002 CG ₁₀₈	2003 07 18.4	19 49.50	-12 26.0	20.5	-0.96	- 4.1	3.1/20.0	30660
1999 NA ₅₆	2003 07 18.4	19 49.60	-01 39.7	18.2	-0.92	+ 0.3	7.5/20.8	47785
1999 RY ₁₂	2003 07 18.4	19 49.61	-21 41.5	18.0	-0.99	- 0.6	0.3/18.4	35474
2000 RW ₄₇	2003 07 18.4	19 49.62	-28 18.4	17.9	-1.18	+ 3.2	3.7/17.9	30381
1999 TJ ₃₈	2003 07 18.4	19 49.62	-12 49.0	18.9	-0.85	- 2.8	3.0/19.9	29114

2001 DJ ₄₉	2003 07 18.4	19 49.62	-26 21.9	18.9	-0.82	- 4.4	1.6/17.5	29685
2000 SF ₂₂₀	2003 07 18.5	19 49.61	-19 28.1	18.4	-0.98	- 7.8	0.7/18.8	47960
2002 GO ₈₂	2003 07 18.5	19 49.61	-19 20.4	18.7	-0.88	- 5.0	0.6/18.8	31553
2000 WJ ₈₉	2003 07 18.5	19 49.64	-21 35.9	18.6	-1.06	- 2.5	0.2/18.4	30427
2002 EJ ₁₂₉	2003 07 18.5	19 49.69	-18 15.0	18.4	-0.83	- 1.2	1.1/18.9	31477
2002 CQ ₂₄₇	2003 07 18.5	19 49.71	-08 09.9	18.6	-0.76	- 4.5	4.6/21.1	30690
2002 GV ₄₂	2003 07 18.5	19 49.75	-03 26.5	19.9	-0.87	- 2.9	6.4/21.6	33545
2002 AJ ₁₁₈	2003 07 18.5	19 49.78	-22 57.3	18.8	-1.04	- 4.1	0.7/18.2	30617
2002 EJ ₈	2003 07 18.5	19 49.80	-07 50.4	18.9	-0.83	- 5.6	5.8/21.2	33969
1999 FC ₃₀	2003 07 18.5	19 49.82	-13 21.7	18.4	-0.97	- 5.7	3.5/20.0	33804
2002 AB ₅₁	2003 07 18.5	19 49.83	-20 40.8	20.2	-1.06	- 2.3	0.1/18.6	27803
2002 AZ ₁₂	2003 07 18.5	19 49.88	-15 41.5	18.7	-0.90	- 8.3	2.6/19.7	30604
2000 WF ₁₄₂	2003 07 18.5	19 49.90	-22 07.0	19.1	-1.04	- 6.1	0.4/18.4	9431
2000 VR ₂₄	2003 07 18.5	19 49.94	-00 15.1	19.1	-0.91	+ 0.3	7.9/21.4	47984
2002 CD ₈₀	2003 07 18.5	19 50.04	-29 32.2	19.8	-1.11	- 0.9	3.4/17.5	48202
2000 RQ ₁₉	2003 07 18.5	19 50.06	-20 13.7	17.0	-1.09	+ 4.4	0.4/18.7	47932
2000 SU ₁₈₇	2003 07 18.6	19 49.98	-57 56.8	18.5	-1.60	- 3.1	13.4/11.0	47957
2000 SC ₁₅₁	2003 07 18.6	19 50.04	-33 44.4	19.5	-1.18	- 2.7	5.5/16.6	29362
2000 XR ₇	2003 07 18.6	19 50.05	-23 29.2	17.7	-0.93	- 0.4	0.7/18.3	30435
2000 WX ₉	2003 07 18.6	19 50.13	-10 03.2	21.2	-0.84	- 2.2	3.3/20.4	9867
2000 VC ₁₀	2003 07 18.6	19 50.17	-41 19.7	19.7	-1.09	- 3.1	6.3/15.2	29499
2000 VD ₁₅	2003 07 18.6	19 50.17	-08 23.3	18.6	-0.94	- 1.8	6.2/20.5	47984
2002 AZ ₆₃	2003 07 18.6	19 50.19	-12 36.0	19.1	-0.96	- 6.1	3.0/20.3	30611
1999 JG ₁₀₅	2003 07 18.6	19 50.24	-28 15.4	17.9	-0.99	- 8.1	3.4/17.1	33812
2000 YX ₁₃₄	2003 07 18.6	19 50.29	-25 59.9	18.2	-1.03	+ 0.7	1.7/18.1	30444
1999 VF ₃₃	2003 07 18.6	19 50.33	-33 24.6	19.9	-0.90	- 3.2	3.8/16.5	31875
2000 UO ₁₆	2003 07 18.6	19 50.40	-33 51.0	17.6	-1.17	- 1.3	5.8/16.8	30412
2000 AQ ₆	2003 07 18.6	19 50.41	-16 51.2	19.7	-0.80	- 3.2	1.2/19.4	47838
1998 ES	2003 07 18.6	19 50.43	-12 50.4	18.4	-1.02	- 3.0	3.2/19.9	30261
2002 FX ₉	2003 07 18.7	19 50.36	-00 57.9	19.8	-0.88	- 2.3	7.0/22.1	48224
2001 AC ₂₃	2003 07 18.7	19 50.38	-27 45.9	19.8	-0.87	- 3.7	2.3/17.5	48004
2002 EV ₁₀₇	2003 07 18.7	19 50.42	-29 58.6	20.3	-1.01	- 2.7	3.5/17.3	48222
2000 YR ₁₃₉	2003 07 18.7	19 50.44	-08 06.9	18.8	-0.78	+ 0.2	3.4/20.5	33891
2002 GZ ₁₄₅	2003 07 18.7	19 50.46	-09 31.2	19.3	-0.78	- 4.5	3.7/20.9	31599
2000 UH ₁₈	2003 07 18.7	19 50.51	-21 07.2	18.3	-1.06	- 5.1	0.0/18.7	47975
2000 VH ₁	2003 07 18.7	19 50.52	-04 33.2	18.4	-0.92	- 0.4	5.3/20.9	29496
1999 RU ₄₀	2003 07 18.7	19 50.53	+02 19.5	17.7	-0.76	- 8.2	10.2/24.6	30306
2002 JN ₁₀	2003 07 18.7	19 50.53	-37 15.2	19.4	-0.94	- 5.9	4.3/15.4	31623
1999 XW ₁₂₆	2003 07 18.7	19 50.57	-10 14.1	20.3	-0.80	0.0	3.0/20.2	17103
2000 RY ₆₃	2003 07 18.7	19 50.58	-11 25.6	18.9	-0.98	- 2.5	3.6/20.2	29296
2002 EL ₁₀₄	2003 07 18.7	19 50.61	-37 35.5	18.7	-1.03	- 4.7	6.0/15.6	30061
2001 BS ₄₂	2003 07 18.7	19 50.61	-07 54.9	19.8	-0.87	- 4.3	4.2/21.1	12277
1999 TE ₂₈₄	2003 07 18.7	19 50.61	-18 55.5	19.4	-0.79	- 3.5	0.6/19.1	30327
2002 CC ₅₁	2003 07 18.7	19 50.62	-23 05.9	18.8	-0.97	- 1.0	0.9/18.5	27832
1999 RO ₅₁	2003 07 18.7	19 50.63	-13 09.9	17.8	-0.84	- 2.6	3.8/20.0	47788
2002 CA ₁₇₆	2003 07 18.7	19 50.66	-26 29.1	18.4	-1.06	- 3.1	2.4/17.9	48208
1999 RQ ₁₀₁	2003 07 18.7	19 50.67	-04 24.8	18.0	-0.94	+ 1.1	6.9/20.5	47791
2001 BD ₃₅	2003 07 18.7	19 50.67	-16 08.5	20.1	-0.77	- 3.2	1.3/19.6	12276
2001 DW ₆	2003 07 18.7	19 50.68	-12 46.9	19.7	-0.76	- 3.6	2.2/20.3	12292
2002 FO ₂₅	2003 07 18.7	19 50.72	-36 27.5	19.0	-0.95	- 5.7	5.1/15.7	33976
1994 GB	2003 07 18.7	19 50.74	+18 28.7	19.4	-1.05	- 4.4	17.0/27.8	23425

2003 AUG. 6

M.P.C. 49301

1999 XV₁₇ 2003 07 18.7 19 50.75 -43 36.7 18.1 -1.11 - 1.8 7.0/14.9 31881
 2002 JL₁₂ 2003 07 18.7 19 50.76 +13 01.1 19.4 -0.84 - 1.0 11.9/24.7 48232
 1999 UO₃₅ 2003 07 18.7 19 50.82 +04 38.2 20.2 -0.89 - 2.0 8.7/22.4 1517
 2000 RH₁₂ 2003 07 18.7 19 50.86 -19 06.9 18.8 -1.08 - 0.5 0.7/19.0 30378
 2000 YO₁₁₅ 2003 07 18.8 19 50.77 -28 30.4 18.1 -0.97 + 2.0 2.3/18.0 25895
 2000 WW₁₅₂ 2003 07 18.8 19 50.77 -26 11.4 16.9 -1.12 + 0.7 2.7/18.2 30431
 2002 JA₈₄ 2003 07 18.8 19 50.82 -35 26.9 19.0 -0.93 - 2.2 4.7/16.4 30218
 1995 CK₅ 2003 07 18.8 19 50.89 -18 21.6 19.7 -1.08 - 1.7 1.1/19.2 33001
 1999 VA₆₁ 2003 07 18.8 19 50.91 -38 58.2 18.9 -1.00 - 4.0 6.2/15.4 30332
 2002 AF₄₁ 2003 07 18.8 19 50.93 -17 54.1 20.2 -1.03 - 2.3 1.3/19.3 48186
 1999 VW₁₈₄ 2003 07 18.8 19 50.93 +07 12.0 18.3 -0.80 - 1.8 10.8/23.7 30336
 1999 WY₁₈ 2003 07 18.8 19 50.93 -27 01.4 18.9 -0.87 - 3.1 2.2/17.8 29190
 2000 TM₁₂ 2003 07 18.8 19 50.94 -21 05.4 18.9 -1.02 - 5.8 0.0/18.8 47970
 2002 JR₅₅ 2003 07 18.8 19 50.96 +08 51.1 19.1 -0.76 + 0.1 7.6/23.8 33999
 2002 EE₁₁₀ 2003 07 18.8 19 51.03 -23 59.1 19.3 -0.96 - 3.7 1.1/18.3 30066
 2000 QT₁₇₉ 2003 07 18.8 19 51.04 -17 20.4 18.8 -1.01 - 5.6 1.5/19.5 47926
 1999 VS₁₀₇ 2003 07 18.8 19 51.06 -22 44.9 21.5 -0.80 - 2.5 0.5/18.6 33839
 2002 CS₂₁₉ 2003 07 18.8 19 51.08 -46 04.3 18.9 -1.20 + 1.8 9.1/16.1 30684
 1999 JO₃₇ 2003 07 18.8 19 51.13 -23 41.9 18.4 -1.08 - 2.1 1.2/18.5 47779
 2002 CU₁₇₀ 2003 07 18.8 19 51.16 -10 12.1 19.2 -0.85 - 6.8 3.8/21.2 30675
 2000 SV₁₇ 2003 07 18.8 19 51.18 -27 27.1 18.6 -1.14 + 0.6 3.0/18.1 41671
 1999 JQ₄₃ 2003 07 18.8 19 51.20 -14 01.1 17.0 -1.00 + 0.2 3.2/19.8 47779
 1995 SR₃₉ 2003 07 18.8 19 51.25 -35 58.4 20.5 -1.11 + 0.2 6.4/16.9 47698
 2000 SR₁₉₁ 2003 07 18.9 19 51.21 -21 26.2 20.6 -1.04 - 2.2 0.2/18.8 47957
 1999 RG₁₅₉ 2003 07 18.9 19 51.24 -15 37.1 19.1 -0.93 - 5.2 2.3/19.9 47794
 2000 TY₁₈ 2003 07 18.9 19 51.25 -10 04.2 21.4 -0.88 - 2.3 3.3/20.7 33278
 2000 UO₅₃ 2003 07 18.9 19 51.25 -35 22.7 18.9 -1.00 - 3.8 4.4/16.4 31919
 2001 YH₁₁₃ 2003 07 18.9 19 51.29 -17 59.4 19.7 -1.01 - 1.6 1.1/19.4 48181
 2000 UY₆₈ 2003 07 18.9 19 51.30 -18 39.8 19.1 -1.04 - 0.8 0.9/19.2 29472
 1999 JP₇₉ 2003 07 18.9 19 51.33 -25 25.5 17.8 -1.01 - 4.0 2.1/18.2 47781
 2000 YR₅₂ 2003 07 18.9 19 51.34 -22 20.0 19.3 -0.84 - 2.1 0.4/18.7 31374
 2002 EJ₁₃₆ 2003 07 18.9 19 51.35 -16 19.9 21.1 -0.94 - 4.0 1.7/19.7 30078
 2000 YY₅₀ 2003 07 18.9 19 51.36 -20 47.7 19.8 -0.90 - 6.3 0.1/19.0 47999
 2000 SO₄₀ 2003 07 18.9 19 51.41 -29 34.9 19.2 -1.08 - 4.6 3.3/17.4 47943
 1999 TQ₁₈₉ 2003 07 18.9 19 51.52 -30 09.0 19.9 -0.95 - 0.3 2.9/17.7 10913
 1336 T-2 2003 07 18.9 19 51.53 -13 21.6 20.0 -0.83 - 2.9 2.4/20.2 48389
 1999 TE₅₃ 2003 07 18.9 19 51.54 -32 22.9 20.5 -0.99 - 1.4 4.0/17.2 47802
 1999 VE₆ 2003 07 18.9 19 51.55 -24 29.7 20.1 -0.87 - 3.5 1.0/18.4 47818
 2001 XA₃₁ 2003 07 18.9 19 51.58 -15 53.2 19.4 -1.46 + 7.2 2.4/19.2 26067
 2002 AM₁₆₅ 2003 07 18.9 19 51.58 -18 08.7 19.8 -1.03 - 4.1 1.2/19.5 27420
 1999 VU₆₄ 2003 07 18.9 19 51.59 -24 19.1 19.8 -0.82 - 2.4 0.9/18.4 35487
 1996 TL₃₉ 2003 07 19.0 19 51.61 -25 56.8 19.3 -1.08 - 3.7 2.1/18.2 47705
 2000 SW₂₇₇ 2003 07 19.0 19 51.63 +11 27.6 20.8 -0.94 - 1.2 10.6/23.8 9834
 2002 BA₁₇ 2003 07 19.0 19 51.63 -15 15.3 19.4 -0.97 - 5.0 2.3/20.1 48196
 2000 QY₁₈₉ 2003 07 19.0 19 51.66 -22 10.2 18.6 -1.08 - 6.3 0.5/18.8 47927
 2002 CB₉₈ 2003 07 19.0 19 51.72 -20 25.5 19.5 -1.00 - 3.4 0.2/19.1 48203
 2000 SU₄₂ 2003 07 19.0 19 51.73 -29 04.8 19.3 -1.05 - 4.5 2.7/17.6 30388
 2002 EG₁₀₅ 2003 07 19.0 19 51.76 -30 07.6 19.6 -1.16 - 4.1 3.8/17.5 30062
 2002 CU₂₂₁ 2003 07 19.0 19 51.76 -08 48.9 20.0 -0.86 - 5.1 4.1/21.4 30685
 1999 TB₁₄₀ 2003 07 19.0 19 51.78 -26 46.2 18.4 -0.88 - 1.9 2.7/18.1 29132
 2000 YT₉₅ 2003 07 19.0 19 51.83 -28 57.1 19.4 -1.02 - 8.7 3.0/17.2 34990

2000 YD₈₂ 2003 07 19.0 19 51.84 -23 24.9 18.3 -0.97 - 3.3 1.0/18.6 30441
 2001 CX₃₄ 2003 07 19.0 19 51.86 -35 45.7 20.2 -0.92 - 3.4 4.3/16.3 35009
 1998 AK 2003 07 19.0 19 51.89 -20 13.2 18.4 -1.02 - 2.3 0.3/19.2 31810
 1999 VE₄₈ 2003 07 19.0 19 51.90 -26 17.6 17.3 -1.01 + 0.8 2.1/18.4 30332
 1999 RO 2003 07 19.0 19 51.92 -03 14.5 19.7 -0.87 - 6.4 6.7/22.6 10359
 2000 TH₆ 2003 07 19.0 19 51.92 -21 08.0 19.9 -1.02 - 2.5 0.1/19.0 30407
 2000 SD₄ 2003 07 19.0 19 51.93 -25 07.3 19.8 -1.05 - 3.3 1.5/18.4 47940
 2002 FV₈ 2003 07 19.0 19 51.97 -26 48.8 19.1 -1.05 + 0.1 2.2/18.3 30100
 2000 RX₂₇ 2003 07 19.0 19 51.99 -22 41.2 19.4 -1.14 - 1.1 0.8/18.9 4731
 1999 JC₁₁ 2003 07 19.0 19 52.01 -18 47.2 17.2 -0.85 - 4.9 1.1/19.5 47778
 2001 BN₄₈ 2003 07 19.1 19 51.96 -04 20.8 19.0 -0.91 - 3.5 5.9/21.9 20836
 2002 EA₅₄ 2003 07 19.1 19 51.99 -20 09.3 20.0 -1.02 - 2.6 0.3/19.2 29996
 2000 YK₈₂ 2003 07 19.1 19 52.02 -21 51.6 20.1 -0.90 - 4.5 0.3/18.9 18308
 2002 GJ₇ 2003 07 19.1 19 52.02 -27 59.7 20.2 -0.99 - 3.5 2.2/17.9 31991
 2000 SW₆₆ 2003 07 19.1 19 52.04 -34 12.5 18.1 -1.05 - 4.1 6.9/16.6 47946
 2000 QQ₄₇ 2003 07 19.1 19 52.11 -17 54.4 19.0 -1.06 - 4.8 1.4/19.7 47914
 1999 VM₉₈ 2003 07 19.1 19 52.13 -20 25.0 19.2 -0.86 - 2.0 0.2/19.2 47822
 2000 XA₈ 2003 07 19.1 19 52.16 -27 36.0 17.7 -1.15 - 1.3 2.9/18.2 9888
 1997 WY₂₅ 2003 07 19.1 19 52.17 -26 33.4 19.4 -1.05 - 4.4 2.1/18.2 30257
 2002 CL₁₁₄ 2003 07 19.1 19 52.19 -34 23.8 19.3 -1.19 - 2.6 5.2/17.0 31968
 2002 JD₈₂ 2003 07 19.1 19 52.20 -07 10.3 19.3 -0.76 - 1.8 4.4/21.4 31718
 1999 VU₃₆ 2003 07 19.1 19 52.22 -32 23.6 17.9 -0.91 - 4.9 3.9/16.9 31297
 2000 WD₉₆ 2003 07 19.1 19 52.23 -27 04.0 20.1 -0.99 - 3.2 2.1/18.1 29565
 2000 XU₂₂ 2003 07 19.1 19 52.24 -14 38.6 18.1 -1.02 + 2.2 2.3/19.8 47996
 2000 RG₃₅ 2003 07 19.1 19 52.27 -46 04.5 17.4 -1.35 + 0.9 10.7/16.1 30380
 2000 SJ₃₀₁ 2003 07 19.1 19 52.27 -16 23.4 19.3 -1.00 - 1.7 1.8/19.8 29413
 1999 WJ₁₈ 2003 07 19.1 19 52.39 -35 43.0 19.0 -0.92 - 5.0 4.2/16.1 34820
 2002 CQ₂ 2003 07 19.1 19 52.39 -27 00.5 20.3 -1.09 - 4.5 2.5/18.1 48197
 1999 TC₂₉₆ 2003 07 19.1 19 52.42 -28 10.7 19.5 -0.96 - 2.2 2.7/18.0 31292
 2000 SV₂₀₃ 2003 07 19.1 19 52.45 -30 26.8 18.3 -1.04 - 2.8 4.9/17.7 33265
 1999 VN₃₉ 2003 07 19.2 19 52.37 -25 03.0 19.4 -0.88 - 2.8 1.5/18.5 33131
 1999 NF₅₆ 2003 07 19.2 19 52.45 -11 09.8 17.5 -1.00 + 3.0 4.0/20.1 47785
 2000 SV₁₄ 2003 07 19.2 19 52.45 -35 33.2 18.3 -1.14 - 5.7 5.3/16.4 31914
 2000 XP₂₂ 2003 07 19.2 19 52.47 -25 44.0 19.1 -1.09 - 1.2 1.8/18.5 8567
 2000 AG₁₈₆ 2003 07 19.2 19 52.48 -12 35.9 17.6 -0.88 - 4.7 3.2/20.7 30348
 2000 SG₂₅₃ 2003 07 19.2 19 52.48 -30 49.1 19.9 -1.17 - 1.1 3.9/17.8 30401
 2000 UV₃₅ 2003 07 19.2 19 52.49 -25 08.5 19.9 -1.06 - 2.9 1.5/18.6 47977
 2000 SA₂₂₄ 2003 07 19.2 19 52.56 -13 02.1 20.5 -1.02 - 2.9 3.2/20.5 7192
 2000 XX₁₆ 2003 07 19.2 19 52.58 -27 01.7 19.7 -1.08 - 1.0 2.4/18.4 47996
 2000 WH₃₄ 2003 07 19.2 19 52.59 -16 03.5 17.8 -0.93 - 6.3 2.2/20.2 30424
 2000 YJ₃₇ 2003 07 19.2 19 52.61 -18 20.7 19.4 -0.95 - 3.6 1.0/19.7 47998
 2001 BE₁₁ 2003 07 19.2 19 52.62 -16 01.2 18.8 -0.87 + 0.9 1.5/19.9 48005
 1999 VP₁₅₉ 2003 07 19.2 19 52.66 -19 23.2 19.8 -0.82 - 1.7 0.4/19.5 47824
 2000 SN₁₉₉ 2003 07 19.2 19 52.78 -27 32.7 20.4 -1.09 - 2.7 2.5/18.2 29380
 2000 YF₅₈ 2003 07 19.2 19 52.80 -18 48.8 18.7 -0.84 - 5.3 0.7/19.7 31931
 1997 JW₉ 2003 07 19.2 19 52.83 -15 03.2 18.1 -0.78 - 5.9 2.1/20.5 30255
 2000 ST₆₅ 2003 07 19.2 19 52.85 -19 13.5 18.8 -0.99 - 3.7 0.6/19.6 47946
 2002 CR₁₇₆ 2003 07 19.3 19 52.83 -22 35.9 17.9 -0.93 - 3.4 0.9/19.0 33962
 2002 CM₉₇ 2003 07 19.3 19 52.87 -19 03.3 19.0 -1.03 - 4.9 0.7/19.7 30658
 2002 CX₂₄₆ 2003 07 19.3 19 52.89 -25 13.5 21.4 -1.03 - 2.8 1.6/18.6 33964
 1999 NW₅₆ 2003 07 19.3 19 52.93 -14 13.5 18.1 -1.01 + 1.7 2.6/20.0 12148

2001 DR ₃	2003 07 19.3	19 52.97	-37 57.6	19.6	-0.99	- 0.8	5.3/16.8	46524
2002 CQ ₁₄₃	2003 07 19.3	19 52.99	-18 55.6	21.0	-1.05	- 2.5	0.8/19.6	27525
1999 JG ₅₅	2003 07 19.3	19 53.07	-13 18.6	18.9	-0.83	- 4.7	3.9/20.8	47779
1985 PM ₁	2003 07 19.3	19 53.07	+02 54.2	17.1	-0.75	- 8.2	11.1/25.0	47681
2002 GC ₉	2003 07 19.3	19 53.09	+23 01.8	19.9	-0.83	- 2.2	13.7/29.6	30128
1999 VK ₂₆	2003 07 19.3	19 53.16	-42 47.7	18.3	-0.99	- 5.2	7.4/14.7	47819
1999 UA ₆	2003 07 19.3	19 53.19	-05 11.3	18.2	-0.82	- 3.3	6.4/22.2	30328
2000 UR ₆₈	2003 07 19.3	19 53.21	-18 59.5	18.1	-0.98	- 0.4	1.0/19.6	29472
2000 SJ ₁₀₃	2003 07 19.3	19 53.22	-21 12.3	20.0	-1.05	- 2.3	0.1/19.3	29340
2001 AS ₁₁	2003 07 19.3	19 53.22	-14 13.5	19.7	-0.97	- 1.1	2.7/20.3	48003
2000 YA ₄₇	2003 07 19.3	19 53.24	-18 14.3	18.9	-0.98	+ 1.2	1.0/19.7	9493
1999 JR ₄₀	2003 07 19.4	19 53.17	-27 13.6	17.9	-0.98	- 5.9	3.0/18.1	41575
2002 AK ₁₁₇	2003 07 19.4	19 53.18	-17 21.5	19.3	-1.00	- 5.9	1.5/20.1	48190
2002 CW ₁₃	2003 07 19.4	19 53.19	-24 18.3	20.1	-1.04	- 2.2	1.3/18.9	48198
2000 XD ₄₁	2003 07 19.4	19 53.21	-39 15.4	18.6	-1.14	- 1.0	6.1/16.6	29621
2000 UK ₆₂	2003 07 19.4	19 53.23	-16 34.8	18.7	-0.99	- 1.4	1.6/20.0	30415
2002 HP ₁	2003 07 19.4	19 53.25	-21 19.4	19.5	-1.00	- 5.6	0.2/19.3	35191
1998 DV ₁₅	2003 07 19.4	19 53.27	-16 29.1	18.1	-0.99	- 2.6	1.8/20.1	47723
1998 FT ₁₁₈	2003 07 19.4	19 53.33	-29 30.3	20.1	-1.05	- 1.5	2.8/18.2	30266
2002 CP ₁₂	2003 07 19.4	19 53.37	-25 43.1	18.6	-1.08	- 2.7	1.9/18.7	30637
2002 FN ₁	2003 07 19.4	19 53.37	-27 42.5	17.6	-0.94	- 9.5	2.7/17.8	30729
2513 P-L	2003 07 19.4	19 53.47	-23 01.6	20.0	-0.85	- 2.1	0.6/19.1	2801
1192 T-2	2003 07 19.4	19 53.56	-24 51.4	19.1	-0.96	- 2.0	1.5/18.9	32043
2000 UA ₇₈	2003 07 19.4	19 53.57	-37 41.8	18.9	-1.12	- 3.8	7.2/16.4	34970
1999 NE ₅₆	2003 07 19.4	19 53.61	-10 52.7	17.6	-1.02	+ 2.9	4.2/20.4	10886
2000 SQ ₁₆₉	2003 07 19.4	19 53.63	-13 07.6	18.4	-1.02	- 1.9	3.5/20.6	29373
1278 T-2	2003 07 19.4	19 53.64	-06 29.3	19.2	-0.79	- 3.2	4.6/22.1	48389
1998 TF ₃	2003 07 19.4	19 53.79	-63 46.2	18.9	-2.29	+ 1.2	20.5/11.9	29020
1999 RM ₂₀₂	2003 07 19.5	19 53.57	-31 38.6	18.6	-1.07	+ 1.2	4.1/18.2	47796
2000 WE ₆₉	2003 07 19.5	19 53.60	-30 00.5	18.5	-1.17	+ 0.9	4.4/18.4	33311
2002 EW ₂₅	2003 07 19.5	19 53.62	-21 08.1	18.9	-0.84	- 2.1	0.1/19.5	29962
2000 WG ₁₇₅	2003 07 19.5	19 53.64	-09 24.9	18.7	-0.85	- 5.6	3.8/21.8	47994
2001 VQ ₄₅	2003 07 19.5	19 53.64	-50 41.3	18.7	-1.66	-12.4	13.2/11.0	29731
1998 HU ₂₇	2003 07 19.5	19 53.68	-21 41.1	19.3	-0.97	- 1.6	0.3/19.4	28993
2000 SH ₃₂₆	2003 07 19.5	19 53.69	-33 27.4	19.8	-1.14	- 1.7	5.2/17.7	38286
2002 CR ₁₈	2003 07 19.5	19 53.73	-23 03.5	19.5	-0.93	- 7.0	0.7/19.1	30639
2000 SF ₁₉₂	2003 07 19.5	19 53.74	-31 18.9	19.6	-1.21	- 1.8	4.8/17.9	10985
1999 JX ₂₂	2003 07 19.5	19 53.76	-19 51.1	17.5	-0.89	- 2.4	0.5/19.7	47778
1998 BM ₃₃	2003 07 19.5	19 53.83	-26 42.6	18.5	-1.01	- 4.1	2.2/18.5	30259
1999 RB ₁₉₆	2003 07 19.5	19 53.91	-25 27.9	18.7	-1.01	+ 1.0	1.4/19.0	47796
2002 EY ₅₀	2003 07 19.5	19 53.92	-37 45.9	19.4	-0.95	- 2.8	5.7/16.6	31470
2001 FS ₁₁₆	2003 07 19.5	19 53.96	+14 08.3	20.1	-0.85	- 2.8	9.4/26.0	13841
2002 AL ₃₉	2003 07 19.5	19 54.02	-15 55.8	19.9	-1.10	- 1.1	2.1/20.3	27378
2000 QP ₁₀₀	2003 07 19.5	19 54.07	-30 23.6	18.1	-1.13	- 3.1	3.7/18.0	31912
2000 AM ₂₄₂	2003 07 19.6	19 54.07	-02 54.0	19.7	-0.74	- 2.6	4.9/22.7	47846
1998 FN ₆₁	2003 07 19.6	19 54.14	+13 35.5	19.4	-0.85	- 4.0	11.5/27.6	47726
2000 SU ₁₃₅	2003 07 19.6	19 54.18	-20 43.9	17.7	-1.10	+ 0.7	0.1/19.7	30394
1999 XJ ₁₂₅	2003 07 19.6	19 54.18	-15 56.8	18.7	-0.83	- 0.3	1.5/20.3	31884
2000 SK ₂₇₇	2003 07 19.6	19 54.19	-30 38.1	18.0	-1.15	- 4.4	4.3/17.8	29406
2000 SH ₂₇₁	2003 07 19.6	19 54.23	-32 08.7	17.6	-1.06	- 6.4	5.4/17.3	9833
2000 VG ₅₈	2003 07 19.6	19 54.24	-25 07.2	20.8	-0.97	- 1.9	1.3/19.0	30422

1999 VB ₈₆	2003 07 19.6	19 54.25	-22 46.8	19.2	-0.88	- 2.0	0.6/19.3	30333
2002 BL ₂₉	2003 07 19.6	19 54.26	-30 34.9	19.2	-0.97	- 7.2	3.8/17.6	29767
1993 FO ₅₁	2003 07 19.6	19 54.29	-28 03.7	19.3	-1.05	- 2.5	2.5/18.5	13538
2000 SF ₉₅	2003 07 19.6	19 54.30	-05 50.9	20.2	-0.94	- 2.4	5.0/22.1	47948
1999 XJ ₁₆₆	2003 07 19.6	19 54.30	-10 31.1	18.5	-0.95	+ 1.7	3.6/20.8	47834
1981 EQ ₁₃	2003 07 19.6	19 54.35	-34 27.7	18.9	-1.17	+ 1.0	5.0/18.2	30239
1999 RO ₁₃₆	2003 07 19.6	19 54.35	-21 07.5	18.0	-0.88	- 2.8	0.1/19.6	47793
2002 GL ₁	2003 07 19.6	19 54.36	-22 22.0	20.1	-1.02	- 1.5	0.5/19.5	48226
1999 TX ₁₂₉	2003 07 19.6	19 54.37	-27 42.9	18.7	-0.96	- 1.4	2.4/18.6	34787
2000 SL ₅₁	2003 07 19.6	19 54.40	-22 11.9	17.9	-1.12	+ 1.4	0.7/19.5	27703
2001 BS ₂₆	2003 07 19.6	19 54.42	-20 59.5	18.8	-0.88	- 0.2	0.0/19.7	30447
1999 XO ₅₈	2003 07 19.7	19 54.38	-33 57.7	19.9	-0.86	- 4.2	3.6/17.1	33845
2002 FQ ₃₄	2003 07 19.7	19 54.41	-07 53.2	20.0	-0.83	- 3.0	4.2/22.0	31495
2000 VK ₃	2003 07 19.7	19 54.41	-23 29.9	19.3	-1.09	- 2.5	1.1/19.3	31920
2000 WF ₁₆₆	2003 07 19.7	19 54.44	-18 33.8	20.1	-0.92	- 3.2	0.8/20.1	31927
2000 SH ₂₈₀	2003 07 19.7	19 54.44	-15 40.1	18.5	-1.01	- 0.1	2.8/20.4	7596
1564 T-2	2003 07 19.7	19 54.58	-30 43.5	17.9	-1.03	- 0.1	5.4/18.3	27868
2002 CC ₂₇₃	2003 07 19.7	19 54.58	-32 08.5	18.9	-1.16	- 3.5	4.4/17.9	41764
2002 EM ₄₀	2003 07 19.7	19 54.74	-04 58.5	18.2	-0.75	- 2.9	5.3/22.8	35169
1999 TG ₁₅₄	2003 07 19.7	19 54.74	-39 22.0	20.3	-1.02	- 3.3	5.8/16.2	30323
1999 VS ₈₈	2003 07 19.7	19 54.76	-06 18.6	19.9	-0.75	- 1.3	4.0/22.1	33838
2002 FK ₂	2003 07 19.8	19 54.80	-27 23.1	20.1	-0.94	- 2.2	2.3/18.7	48224
2000 YL ₁₂₂	2003 07 19.8	19 54.88	+18 05.5	19.5	-0.91	+ 1.8	13.1/25.7	30443
1998 DJ ₃₄	2003 07 19.8	19 54.89	-38 56.7	18.3	-1.20	+ 0.3	6.6/17.5	30261
2002 CB ₂₃₄	2003 07 19.8	19 54.96	-31 15.6	18.1	-1.03	- 7.2	4.2/17.6	30687
1998 YH ₂₀	2003 07 19.8	19 55.04	-22 28.7	21.5	-0.65	- 1.5	0.4/19.6	47762
1999 TK ₇₅	2003 07 19.8	19 55.05	-21 06.0	18.7	-0.88	- 2.0	0.1/19.8	47804
2000 UD ₉₇	2003 07 19.8	19 55.05	-16 14.2	17.3	-1.06	- 0.1	2.2/20.4	31920
1996 PJ ₆	2003 07 19.8	19 55.05	-16 57.8	18.8	-1.01	- 2.9	1.9/20.5	8014
1999 TF ₃	2003 07 19.8	19 55.09	-24 26.9	20.1	-0.91	- 2.5	1.2/19.3	33092
1999 TB ₃₂₀	2003 07 19.8	19 55.10	-10 44.3	19.3	-0.90	+ 0.9	4.3/21.1	9226
2001 XE ₂	2003 07 19.8	19 55.15	-14 10.9	18.1	-1.45	+ 7.2	3.2/20.1	26064
2000 SK ₆₄	2003 07 19.8	19 55.27	-24 24.2	19.8	-1.04	- 2.3	1.3/19.3	30389
1999 XC ₂₀₀	2003 07 19.9	19 55.24	-16 33.6	18.8	-0.92	+ 3.0	1.4/20.3	33171
2001 AJ ₂₀	2003 07 19.9	19 55.25	-27 17.2	17.8	-1.05	- 1.7	3.3/18.9	30445
2000 SH ₁₂₅	2003 07 19.9	19 55.29	-23 44.0	17.7	-1.00	- 4.9	1.1/19.4	30393
2000 VS ₁₂	2003 07 19.9	19 55.30	-32 53.6	18.1	-1.05	- 4.7	5.8/17.6	33885
2000 WL ₇₃	2003 07 19.9	19 55.31	-33 22.4	19.9	-1.08	- 2.4	4.6/17.9	47989
2000 WH ₄₁	2003 07 19.9	19 55.35	-20 53.8	18.2	-0.92	- 6.5	0.0/19.9	31923
2000 WX ₁₀₈	2003 07 19.9	19 55.35	-19 00.3	19.7	-0.99	- 0.7	0.6/20.2	18302
2002 GA ₁₀₁	2003 07 19.9	19 55.39	-21 05.6	19.1	-1.02	- 2.4	0.1/19.9	33985
2000 WH ₃₉	2003 07 19.9	19 55.40	-10 55.1	18.7	-0.92	- 3.9	4.5/21.7	33886
1999 VM ₁₅₂	2003 07 19.9	19 55.41	-27 52.3	20.4	-0.98	- 1.8	2.5/18.8	47824
1997 CP ₁₅	2003 07 19.9	19 55.41	-22 00.4	21.0	-0.91	- 2.0	0.4/19.8	6752
2002 CV ₁₁₀	2003 07 19.9	19 55.41	-09 01.7	18.9	-0.81	- 7.1	4.7/22.6	48204
2000 VM ₁₃	2003 07 19.9	19 55.43	-32 02.9	18.6	-1.07	- 6.3	5.2/17.6	47984
2002 CP ₁₃₆	2003 07 19.9	19 55.45	-12 28.4	19.6	-1.01	- 3.7	3.4/21.4	33962
2000 WC ₁₁₄	2003 07 19.9	19 55.57	-37 05.8	19.5	-1.06	- 4.5	5.4/16.8	29572
1998 FA ₁₀₆	2003 07 19.9	19 55.60	-21 05.8	18.4	-1.02	- 1.3	0.1/19.9	30266
2001 AM ₃₂	2003 07 19.9	19 55.60	-27 19.2	20.1	-0.99	- 3.0	2.3/18.9	30446
2002 CO ₄₄	2003 07 19.9	19 55.61	-20 46.3	19.2	-1.44	+ 6.5	0.0/20.0	29781

2002 GZ ₁₃₇	2003 07 19.9	19 55.64	-23 24.3	19.7	-0.82	- 5.2	0.9/19.5	48230
2002 EJ ₁₀₄	2003 07 20.0	19 55.62	-32 46.0	19.9	-0.99	- 4.9	4.2/17.7	30061
1999 TK ₁₉₄	2003 07 20.0	19 55.68	-26 05.3	19.4	-0.90	- 0.3	1.7/19.3	12175
1999 VF ₁₃₈	2003 07 20.0	19 55.69	-43 16.3	20.8	-0.98	- 2.7	5.7/15.7	13624
2002 CN ₁₇₀	2003 07 20.0	19 55.71	-31 09.2	18.6	-1.06	- 3.3	4.0/18.3	30675
1999 JQ ₅₁	2003 07 20.0	19 55.74	-09 36.0	18.2	-1.00	- 1.8	4.7/21.8	47779
2000 SL ₁₆₂	2003 07 20.0	19 55.75	-16 42.0	17.4	-1.00	+ 4.6	2.3/20.4	47954
2000 UQ ₁₀₂	2003 07 20.0	19 55.75	-08 06.9	19.9	-0.91	- 0.3	4.0/21.8	8526
1981 EE ₂₉	2003 07 20.0	19 55.81	-21 25.9	19.0	-1.09	- 1.1	0.3/20.0	27574
2000 QD ₁₁₄	2003 07 20.0	19 55.81	-32 14.4	19.4	-1.20	- 0.5	5.0/18.5	47921
2002 GC ₅₁	2003 07 20.0	19 55.84	-20 34.4	19.5	-0.85	- 3.3	0.1/20.1	48228
2000 TP ₃₈	2003 07 20.0	19 55.86	-27 47.6	16.9	-1.03	- 8.1	3.6/18.5	27729
2000 RO ₁	2003 07 20.0	19 55.89	-31 14.5	18.2	-1.11	+ 0.2	5.5/18.7	47931
2000 XE ₃₀	2003 07 20.0	19 55.90	-37 16.4	18.1	-1.25	- 1.5	7.0/17.3	30437
2000 UT ₁₉	2003 07 20.0	19 55.90	-24 08.6	20.3	-1.01	- 3.4	1.4/19.5	27732
2000 SN ₂₆₇	2003 07 20.0	19 55.93	-18 22.9	20.5	-1.02	- 3.7	0.9/20.5	47963
2000 SY ₂₅₁	2003 07 20.0	19 55.96	-21 45.7	20.3	-1.03	- 4.8	0.4/19.9	47962
2001 BL ₇₁	2003 07 20.0	19 56.01	-18 36.3	18.7	-1.00	- 5.1	0.9/20.5	35005
4117 T-1	2003 07 20.0	19 56.02	-29 40.3	18.2	-1.03	- 2.8	4.5/18.6	26183
2000 WU ₅₁	2003 07 20.1	19 56.05	-23 38.5	20.4	-0.95	- 2.9	1.1/19.6	31923
2000 SB ₁₂₈	2003 07 20.1	19 56.15	-33 30.7	19.1	-1.10	- 4.0	4.8/17.8	30394
1999 TH ₁₂₇	2003 07 20.1	19 56.17	-20 29.7	19.4	-0.87	- 3.4	0.1/20.2	30322
1996 TK	2003 07 20.1	19 56.18	-24 07.0	20.1	-1.07	- 3.5	1.5/19.6	30251
1999 FY ₃₀	2003 07 20.1	19 56.19	-32 02.5	17.7	-1.10	- 2.4	5.3/18.4	47774
2002 AW ₆₃	2003 07 20.1	19 56.19	-28 17.4	19.7	-1.07	+ 0.6	2.6/19.2	48187
1999 JS ₆₀	2003 07 20.1	19 56.22	-17 19.3	18.3	-1.00	- 3.9	1.4/20.7	41576
2000 UG ₁₉	2003 07 20.1	19 56.26	-10 24.4	19.7	-0.88	- 6.0	3.5/22.3	47976
1999 KQ ₁₃	2003 07 20.1	19 56.28	-13 29.0	18.0	-1.02	- 0.9	3.0/21.2	47783
2000 SN ₅₇	2003 07 20.1	19 56.28	-09 14.9	20.2	-0.98	- 4.2	4.8/22.2	47945
1999 FV ₂	2003 07 20.1	19 56.29	-33 08.0	19.1	-1.18	- 0.5	5.9/18.5	27615
1998 HM ₈₀	2003 07 20.1	19 56.36	-31 30.0	21.1	-1.04	- 2.2	3.5/18.5	47730
1998 HU ₂₃	2003 07 20.1	19 56.36	-22 45.1	20.5	-0.99	- 1.5	0.8/19.9	47729
1999 RA ₂₁₂	2003 07 20.1	19 56.39	-28 47.4	18.9	-0.90	- 0.5	2.3/19.0	31862
2000 SW ₁₄₈	2003 07 20.1	19 56.40	-33 39.5	18.6	-1.18	- 2.0	5.9/18.1	29361
1999 JL ₅₀	2003 07 20.1	19 56.42	-14 50.9	18.3	-1.00	- 4.5	2.4/21.3	30296
2002 AK ₁₈₉	2003 07 20.2	19 56.38	-02 21.1	19.0	-0.92	- 2.2	7.1/23.5	48194
1999 JV ₁₂₄	2003 07 20.2	19 56.42	-09 26.0	18.1	-0.92	- 0.8	5.6/21.9	47782
2002 AJ ₉	2003 07 20.2	19 56.54	-25 41.0	19.7	-1.08	- 2.9	1.9/19.4	30604
2000 US ₈	2003 07 20.2	19 56.54	-08 05.5	19.2	-1.02	- 1.6	5.7/22.0	47975
2000 QU ₁₂₄	2003 07 20.2	19 56.58	-32 54.1	18.5	-1.40	+ 3.3	4.5/19.2	27683
1999 JT ₁₃₀	2003 07 20.2	19 56.59	-18 17.7	19.2	-0.92	- 6.9	1.2/20.8	27624
2001 AK ₄₂	2003 07 20.2	19 56.63	-18 03.6	19.0	-0.92	- 8.3	1.0/20.9	48004
2002 GM ₄₀	2003 07 20.2	19 56.63	-38 46.9	20.3	-1.14	- 0.2	6.0/17.7	31994
2000 YZ ₆₀	2003 07 20.2	19 56.63	-15 48.6	18.6	-1.17	+ 4.6	2.3/20.6	9903
2000 SF ₁₃₄	2003 07 20.2	19 56.66	-10 12.9	19.8	-1.04	- 1.3	4.2/21.7	33260
2002 CH ₆₃	2003 07 20.2	19 56.80	-27 23.7	19.2	-0.95	- 5.6	2.5/19.0	29794
2000 WD ₁₇₃	2003 07 20.2	19 56.83	-26 46.9	19.0	-0.81	- 5.2	1.7/19.0	31927
1998 OE ₁	2003 07 20.2	19 56.84	-21 18.9	17.6	-1.03	+ 4.9	0.2/20.2	47733
2001 VL ₄	2003 07 20.2	19 56.84	+15 47.3	18.8	-1.20	+ 5.3	18.9/24.1	30529
1999 NA ₄₈	2003 07 20.3	19 56.77	-10 23.3	17.4	-1.07	+ 4.0	4.6/21.1	41580
1999 XR ₉₇	2003 07 20.3	19 56.82	-22 33.4	19.2	-0.79	- 2.4	0.5/20.0	30340

2000 XO ₂₇	2003 07 20.3	19 56.85	-44 08.4	18.5	-1.19	- 5.9	8.8/14.9	38288
2000 SN ₃₄₄	2003 07 20.3	19 56.87	-24 10.5	20.7	-1.07	- 2.7	1.3/19.8	33275
2002 CZ ₅₂	2003 07 20.3	19 56.89	-15 09.9	21.0	-0.98	- 4.6	2.2/21.4	30646
1999 TO ₁₉₁	2003 07 20.3	19 56.89	-37 11.0	19.8	-0.99	- 1.0	4.8/17.7	12175
1999 JV ₁₁₄	2003 07 20.3	19 56.90	-20 28.1	17.7	-1.05	- 1.4	0.1/20.4	47782
2001 BG ₃₀	2003 07 20.3	19 56.92	-16 39.5	19.0	-0.77	- 3.7	1.2/21.1	31936
1999 NB ₇	2003 07 20.3	19 56.97	-21 01.4	17.6	-1.03	+ 0.8	0.1/20.3	47784
2000 UP ₄₈	2003 07 20.3	19 56.97	-22 26.5	18.7	-0.96	- 2.3	0.6/20.1	31919
2002 FU ₃₁	2003 07 20.3	19 56.98	-34 48.6	20.0	-1.18	- 3.0	5.4/18.0	30113
1999 VX ₈	2003 07 20.3	19 57.11	-01 15.2	18.2	-0.84	- 5.4	8.2/24.2	47818
1998 HK ₂₂	2003 07 20.3	19 57.18	-30 38.0	19.7	-1.04	- 2.3	3.6/18.8	31814
1999 XD ₂₄₄	2003 07 20.3	19 57.19	-04 36.6	18.0	-0.78	- 1.3	7.9/22.8	47837
2001 DR ₇₇	2003 07 20.3	19 57.20	-22 31.2	20.7	-0.91	- 2.2	0.6/20.1	48013
1995 UD ₁₀	2003 07 20.3	19 57.21	-22 17.2	19.4	-0.97	- 2.3	0.7/20.1	47698
2002 GB ₁₃₃	2003 07 20.4	19 57.20	-27 21.3	21.2	-1.00	- 2.6	2.2/19.3	38335
2002 AH ₁₂₀	2003 07 20.4	19 57.21	-21 55.6	19.2	-1.07	- 2.3	0.5/20.2	30618
2001 FC ₁₂₄	2003 07 20.4	19 57.29	-39 21.6	19.8	-1.00	- 0.6	5.1/17.4	13340
2000 TM ₅₆	2003 07 20.4	19 57.34	-02 32.8	20.5	-0.87	- 3.9	5.9/23.9	29433
2000 QX ₂₁₄	2003 07 20.4	19 57.37	-26 49.6	18.5	-1.09	- 3.4	2.2/19.4	31912
1999 TB ₈₀	2003 07 20.4	19 57.37	-22 26.9	20.3	-0.84	- 2.7	0.5/20.1	47804
2000 SM ₃₉	2003 07 20.4	19 57.38	-27 15.7	17.8	-1.11	- 5.7	3.1/19.2	31914
2001 XY ₂₇	2003 07 20.4	19 57.45	-31 27.2	20.1	-1.18	- 3.5	4.1/18.6	48160
2002 GZ ₁₄₈	2003 07 20.4	19 57.45	-29 16.2	18.4	-0.86	- 3.3	3.2/18.9	33555
2000 UW ₅₄	2003 07 20.4	19 57.47	-38 05.6	17.1	-1.09	- 6.9	6.7/16.6	31919
1999 TQ ₁₉₆	2003 07 20.4	19 57.59	-34 26.1	19.2	-0.97	- 1.3	4.3/18.2	12175
1999 VL ₁₁₄	2003 07 20.4	19 57.66	-30 37.7	19.8	-0.96	- 0.5	3.1/19.0	30334
2000 QN ₁₇₀	2003 07 20.5	19 57.57	-18 17.8	19.4	-1.07	- 2.3	1.0/20.9	47925
2002 JR ₁₄₁	2003 07 20.5	19 57.58	-09 07.2	20.2	-0.79	- 1.5	3.7/22.4	48237
1998 SF ₁₆₀	2003 07 20.5	19 57.59	-30 28.4	18.5	-0.86	- 3.9	3.5/18.6	31245
2002 CK ₂₁₇	2003 07 20.5	19 57.63	-19 52.4	19.6	-0.92	- 4.3	0.3/20.7	29868
2002 CE ₅₆	2003 07 20.5	19 57.63	-27 36.3	18.9	-1.01	0.0	2.5/19.6	30647
2002 AJ ₃₁	2003 07 20.5	19 57.65	-38 05.5	18.3	-1.02	- 5.7	6.4/16.8	48185
1999 LY ₂₀	2003 07 20.5	19 57.71	-31 35.9	18.3	-1.08	- 6.2	4.5/18.3	47784
1999 RH ₁₄₂	2003 07 20.5	19 57.71	-39 31.0	19.1	-1.12	+ 0.2	7.3/17.9	47793
2002 ED ₁₁₆	2003 07 20.5	19 57.72	-26 13.6	21.0	-1.00	- 1.5	2.1/19.7	48222
2002 CR ₁₀₆	2003 07 20.5	19 57.75	-17 50.6	19.5	-1.02	- 4.3	1.1/21.0	30660
2000 YT ₁₂₄	2003 07 20.5	19 57.77	-02 24.7	19.7	-0.89	- 0.5	6.4/23.3	31933
1999 RZ ₁₅₃	2003 07 20.5	19 57.78	-29 14.4	18.2	-1.07	+ 1.7	3.4/19.6	31860
1998 HB ₂₇	2003 07 20.5	19 57.86	-27 02.7	20.9	-1.00	- 3.3	2.2/19.5	47729
2000 OX ₄₉	2003 07 20.5	19 57.88	-47 37.2	18.1	-1.50	+ 2.2	9.3/17.5	30360
2002 JN ₇₉	2003 07 20.5	19 57.90	-14 47.6	19.5	-0.87	- 2.1	2.0/21.5	30216
2000 SS ₁₆₀	2003 07 20.5	19 58.04	-38 23.4	19.1	-1.09	- 5.9	6.4/16.7	47954
2002 BS ₁₄	2003 07 20.6	19 58.00	-19 22.4	19.6	-1.04	- 1.6	0.5/20.8	30631
2000 TT ₄₅	2003 07 20.6	19 58.02	-28 51.0	19.7	-1.10	- 5.6	3.2/19.0	47973
2002 CG ₁₆₉	2003 07 20.6	19 58.03	-22 36.5	17.5	-0.91	- 5.6	0.8/20.2	31970
2000 SQ ₄₂	2003 07 20.6	19 58.04	+12 43.8	19.3	-1.00	- 3.7	12.8/26.2	30388
1993 TP ₂	2003 07 20.6	19 58.07	-23 28.5	18.8	-1.15	- 2.0	1.3/20.2	47688
1999 XA ₆₄	2003 07 20.6	19 58.09	-14 51.8	18.6	-0.79	- 4.5	2.1/21.8	31309
2002 HE ₃	2003 07 20.6	19 58.09	-11 27.9	21.2	-0.95	- 3.0	3.1/22.2	32011
4192 T-2	2003 07 20.6	19 58.12	-17 12.3	21.3	-0.88	- 3.2	1.1/21.2	48391
2000 SA ₁₆₀	2003 07 20.6	19 58.13	+12 30.2	19.0	-0.93	- 1.1	10.8/26.4	31915

2000 AN ₁₇₀	2003 07 20.6	19 58.18 -28 33.9 17.6	-0.86 - 7.9	2.4/18.8	31893
1999 RG ₈₆	2003 07 20.6	19 58.23 -39 43.6 19.2	-1.15 - 1.7	7.1/17.3	1453
1999 VQ ₉₄	2003 07 20.6	19 58.31 -05 15.6 18.9	-0.85 - 1.2	6.6/23.0	47822
2000 YS ₁₃₅	2003 07 20.6	19 58.35 -21 48.3 20.3	-0.94 - 2.6	0.4/20.5	35538
2002 AO ₂	2003 07 20.6	19 58.35 +17 34.7 19.5	-1.09 - 0.6	17.0/27.4	25525
1999 XW ₅₆	2003 07 20.6	19 58.41 -32 49.5 18.3	-0.89 - 4.7	3.8/18.2	30339
2000 XZ ₂₃	2003 07 20.6	19 58.43 -26 02.1 19.3	-1.04 - 0.1	2.0/20.0	30436
2002 AY ₄₆	2003 07 20.6	19 58.45 -21 17.0 20.3	-0.95 - 6.8	0.2/20.6	29748
2002 EB ₆₇	2003 07 20.6	19 58.45 -21 13.2 20.4	-1.04 - 2.4	0.2/20.6	30007
2000 SJ ₇₄	2003 07 20.7	19 58.38 -17 33.9 19.1	-1.04 - 5.2	1.2/21.3	13750
2000 SN ₅₅	2003 07 20.7	19 58.47 -24 49.6 18.6	-1.14 - 1.7	1.9/20.1	29325
2000 SY ₁₅₅	2003 07 20.7	19 58.48 -30 56.5 18.8	-1.21 - 4.8	4.4/18.8	13763
1998 DE ₁₅	2003 07 20.7	19 58.51 -16 46.9 19.0	-0.99 - 3.1	1.5/21.4	30260
2000 UO ₁₀₉	2003 07 20.7	19 58.53 -23 19.5 19.4	-0.92 - 4.2	0.8/20.2	29494
2001 YQ ₁₁₇	2003 07 20.7	19 58.54 -24 42.6 19.3	-1.05 - 3.8	1.7/20.0	48182
2000 WZ ₂₁	2003 07 20.7	19 58.57 -23 31.4 17.5	-0.96 - 6.3	1.2/20.1	47987
2002 FG ₃₂	2003 07 20.7	19 58.59 -25 07.0 19.2	-0.96 - 4.4	1.8/19.9	48225
2002 FP ₃₃	2003 07 20.7	19 58.59 -27 06.0 19.8	-1.04 - 5.0	2.5/19.5	48225
1999 TO ₂₅₉	2003 07 20.7	19 58.63 +07 02.4 18.8	-0.77 - 3.1	11.3/26.6	30327
2002 AN ₁₂₅	2003 07 20.7	19 58.74 -35 10.6 18.9	-1.12 + 0.2	5.2/18.9	30618
1999 GA ₇	2003 07 20.7	19 58.75 +15 11.0 18.7	-0.91 - 5.1	14.5/30.5	33806
2002 FX	2003 07 20.7	19 58.78 -21 38.7 18.9	-0.84 - 2.4	0.3/20.6	30087
1999 XE ₁₉	2003 07 20.7	19 58.82 -37 25.8 19.0	-1.09 - 4.0	6.3/17.4	33153
2002 BR ₁₄	2003 07 20.7	19 58.87 -18 49.2 19.2	-1.08 - 1.8	0.7/21.1	30631
1990 TX ₃	2003 07 20.8	19 58.78 -32 10.3 20.3	-0.97 - 2.3	3.5/18.8	12104
2000 UA ₂₃	2003 07 20.8	19 58.88 -23 24.9 19.5	-1.10 - 4.8	1.3/20.3	18299
2174 T-3	2003 07 20.8	19 58.89 -39 20.5 19.7	-1.09 - 1.5	5.9/17.7	30773
2002 GW ₁₆₂	2003 07 20.8	19 58.89 -23 52.2 20.9	-0.91 - 2.8	1.0/20.3	33556
2001 AF ₂₄	2003 07 20.8	19 58.90 -17 07.8 18.2	-0.79 - 7.2	1.1/21.6	31934
1999 UU ₂₇	2003 07 20.8	19 58.90 -25 29.3 18.8	-0.94 - 1.8	2.0/20.0	47816
2002 AS ₅₉	2003 07 20.8	19 59.02 -13 39.6 18.7	-0.87 - 7.1	2.5/22.4	30610
1999 VB ₂₀	2003 07 20.8	19 59.05 -21 33.6 19.6	-0.83 - 2.9	0.3/20.7	47818
1999 RQ ₁₂₇	2003 07 20.8	19 59.08 -14 10.2 17.8	-0.86 - 1.1	3.1/21.9	47792
2000 SD ₂₂₆	2003 07 20.8	19 59.08 -18 40.7 19.4	-1.01 - 7.1	0.9/21.3	47960
1998 SR ₃₁	2003 07 20.8	19 59.09 -19 49.8 19.3	-0.83 - 2.3	0.3/21.0	47744
2000 VW ₃₁	2003 07 20.8	19 59.09 -23 16.7 18.9	-1.02 - 3.3	1.0/20.4	30420
2000 UE ₆₃	2003 07 20.8	19 59.11 -09 59.8 19.8	-0.99 - 1.4	3.8/22.4	9852
2002 CF ₁₂₅	2003 07 20.8	19 59.14 -19 25.6 18.7	-1.08 - 2.4	0.5/21.1	30664
2002 ED ₅₅	2003 07 20.8	19 59.18 +01 09.8 19.1	-0.83 - 7.1	9.1/26.3	29997
2001 CV ₃₄	2003 07 20.8	19 59.21 -38 12.3 20.0	-0.91 - 4.1	4.7/17.3	20836
2002 CT ₈₀	2003 07 20.8	19 59.26 -15 59.3 20.0	-0.96 - 5.8	1.8/21.8	30653
2000 RW ₅₇	2003 07 20.8	19 59.27 -19 06.0 20.5	-1.06 - 2.3	0.6/21.1	13729
2002 GX ₁₇₁	2003 07 20.9	19 59.20 -17 57.0 19.6	-0.89 - 2.9	1.0/21.4	37750
2000 RU ₄₂	2003 07 20.9	19 59.20 -10 35.6 18.8	-0.97 - 1.5	3.5/22.4	31913
2001 CS ₂₁	2003 07 20.9	19 59.27 -26 00.1 18.6	-0.98 - 4.5	2.1/19.9	30449
1993 BD ₁₂	2003 07 20.9	19 59.29 -26 41.2 19.8	-1.06 0.0	2.2/20.1	34681
1999 VK ₁₀₁	2003 07 20.9	19 59.32 -22 20.4 20.2	-0.79 - 2.5	0.5/20.6	30334
2000 EX ₁₄	2003 07 20.9	19 59.33 -29 27.9 19.7	-0.72 - 1.1	2.0/19.4	13660
1997 XH ₂	2003 07 20.9	19 59.34 -25 11.5 19.3	-1.06 - 3.2	1.7/20.2	30257
1999 NF ₄	2003 07 20.9	19 59.37 -23 33.1 17.5	-0.91 + 0.1	1.5/20.5	47784
2001 DR ₉₁	2003 07 20.9	19 59.38 -00 18.5 20.4	-0.75 - 2.8	5.9/24.8	29688

2000 WM ₆₈	2003 07 20.9	19 59.39 -33 33.4 19.4	-0.99 - 3.6	4.2/18.6	31924
2002 AK ₁₉₈	2003 07 20.9	19 59.41 -27 49.6 18.2	-1.72 +15.0	4.1/21.2	33960
2002 ER ₉₉	2003 07 20.9	19 59.43 -30 03.5 18.8	-1.14 - 4.8	3.9/19.2	35574
2002 EV ₁₄₄	2003 07 20.9	19 59.44 -30 39.8 19.0	-1.12 + 0.2	4.8/19.6	48224
2001 AY ₄	2003 07 20.9	19 59.47 -17 04.8 19.4	-0.90 - 1.0	1.1/21.5	48003
1998 QJ ₃₉	2003 07 20.9	19 59.48 -10 18.3 18.8	-0.76 - 5.4	2.9/23.0	30274
1999 UJ ₁₈	2003 07 20.9	19 59.48 -23 55.6 19.8	-0.89 - 3.3	1.2/20.4	33122
2002 GN ₈₄	2003 07 20.9	19 59.49 -42 20.4 19.8	-0.98 - 3.7	6.6/16.6	48229
2002 CK ₄₆	2003 07 20.9	19 59.53 +05 13.3 18.9	-0.85 -10.7	9.2/28.6	30645
2002 CE ₁₃₈	2003 07 20.9	19 59.54 -09 34.8 19.4	-0.93 - 5.3	5.0/23.2	48206
2000 UA ₃₈	2003 07 20.9	19 59.54 -25 33.5 19.9	-1.08 - 2.8	2.0/20.2	47977
2002 JZ ₁₀₇	2003 07 20.9	19 59.59 -25 36.6 18.8	-0.94 - 7.4	1.7/19.9	33574
2000 SG ₂₇₉	2003 07 20.9	19 59.61 -27 45.6 20.3	-1.09 - 2.8	2.5/19.8	8507
1999 TZ ₁₅₉	2003 07 20.9	19 59.61 -15 00.6 19.5	-0.89 - 2.1	2.3/21.9	47808
2002 JM ₂₂	2003 07 20.9	19 59.63 -45 55.6 19.6	-1.05 - 2.7	7.5/16.1	31637
1999 TR ₂₉₁	2003 07 20.9	19 59.63 +32 34.7 17.7	-0.94 + 7.7	21.6/20.3	2142
1999 XM ₄₇	2003 07 21.0	19 59.59 -22 43.7 19.4	-0.87 - 2.3	0.7/20.6	34825
2002 JA ₁₁₆	2003 07 21.0	19 59.65 -16 05.4 18.5	-0.79 - 8.4	1.4/22.1	32032
1999 NK ₂	2003 07 21.0	19 59.66 +02 25.9 17.9	-0.90 - 0.6	9.5/24.4	9732
1999 TF ₂₅₅	2003 07 21.0	19 59.68 -19 26.0 19.3	-0.92 - 2.3	0.5/21.2	33115
2000 ST ₂₄	2003 07 21.0	19 59.68 -36 23.1 19.0	-1.24 - 0.8	7.5/18.6	47941
1999 UO ₄₄	2003 07 21.0	19 59.75 -33 48.7 19.5	-0.89 - 3.2	3.6/18.5	31873
1995 QB ₁₅	2003 07 21.0	19 59.75 -08 56.9 20.2	-0.89 - 4.1	4.4/23.3	47697
2002 FR ₁	2003 07 21.0	19 59.82 -06 03.0 18.4	-0.89 -12.4	5.1/25.1	30729
2000 WQ ₁₆₉	2003 07 21.0	19 59.86 -09 26.9 19.3	-0.89 - 5.7	4.0/23.3	30433
2000 SE ₂₁₁	2003 07 21.0	19 59.91 -12 59.3 18.6	-0.94 - 7.4	3.8/22.7	47959
2000 QG ₂₆	2003 07 21.0	19 59.91 -11 28.5 19.0	-1.01 - 3.7	4.4/22.6	27675
2000 UY ₉₅	2003 07 21.0	19 59.93 -32 00.3 19.2	-1.13 - 2.0	4.5/19.2	31919
2002 AP ₁₁₃	2003 07 21.0	19 59.95 -21 13.0 19.6	-1.04 - 1.9	0.3/21.0	41763
2002 ER ₈₆	2003 07 21.0	19 59.97 -39 11.6 18.4	-0.98 - 1.6	5.9/18.0	30717
2000 UM ₅₉	2003 07 21.0	19 59.98 -29 13.2 19.1	-1.10 - 1.2	3.5/19.8	47979
1997 WG ₁₂	2003 07 21.0	20 00.04 -23 06.6 18.9	-1.03 - 2.3	1.0/20.7	30257
1999 TH ₂₅₄	2003 07 21.1	19 59.97 -41 43.3 18.4	-1.33 + 4.4	8.3/19.0	10916
1999 TO ₁₀₁	2003 07 21.1	19 59.99 -03 16.0 19.6	-0.87 - 5.7	6.0/24.5	35482
1999 VL ₂₁₀	2003 07 21.1	19 59.99 -25 06.7 17.9	-0.85 - 5.9	1.5/20.1	30336
1993 QJ ₈	2003 07 21.1	19 59.99 -31 18.7 19.0	-0.94 - 0.8	3.6/19.4	47688
2000 RV ₃₉	2003 07 21.1	20 00.00 -37 01.2 17.9	-1.05 + 0.7	9.2/18.7	13726
1999 VF ₁₄₉	2003 07 21.1	20 00.04 -30 53.7 20.8	-0.90 - 4.5	3.3/19.0	12197
2002 CT ₁₂₂	2003 07 21.1	20 00.04 -18 43.2 20.1	-1.09 - 0.8	0.8/21.4	27507
2001 WL ₂	2003 07 21.1	20 00.07 -21 01.5 18.4	-1.06 - 6.3	0.2/21.0	27781
2002 GC ₈₈	2003 07 21.1	20 00.11 -08 34.1 19.7	-0.82 - 3.6	3.8/23.4	48229
2002 AX ₂₆	2003 07 21.1	20 00.13 -12 56.1 19.2	-0.95 - 2.5	2.8/22.4	48185
2002 HC ₁₆	2003 07 21.1	20 00.15 -17 38.0 19.7	-0.93 - 3.0	1.1/21.6	31612
2001 FY ₁₈₈	2003 07 21.1	20 00.15 -25 28.0 18.7	-0.85 - 6.7	1.5/20.0	33907
2002 CO ₂₄₁	2003 07 21.1	20 00.15 -09 03.8 19.5	-0.97 - 3.1	4.6/23.1	48211
2001 AY ₄₈	2003 07 21.1	20 00.16 -56 16.4 19.5	-1.44 - 6.6	10.8/11.5	31388
2001 DN ₉₆	2003 07 21.1	20 00.17 -24 56.9 20.3	-0.84 - 2.3	1.3/20.4	33899
2002 GE ₁₉	2003 07 21.1	20 00.20 -39 22.2 20.3	-0.98 - 1.9	5.7/17.9	48227
1998 RV ₅₆	2003 07 21.1	20 00.34 -23 43.9 18.3	-0.86 - 1.4	1.1/20.7	47740
2001 BU ₄₅	2003 07 21.1	20 00.39 -03 20.9 19.3	-0.83 - 0.8	5.8/23.9	48006
2000 WE ₁₈₄	2003 07 21.1	20 00.41 -14 05.2 19.5	-0.91 - 2.7	2.4/22.3	30434

2003 AUG. 6

M.P.C. 49305

2002 GZ ₂₈	2003 07 21.1	20 00.42	-21 24.3	19.7	-0.94	-	2.4	0.3/21.0	31506
1998 RY ₅₃	2003 07 21.1	20 00.44	-24 56.3	18.4	-0.91	-	0.3	1.5/20.5	31826
1998 KK ₆	2003 07 21.1	20 00.46	-55 38.2	19.0	-1.43	-	5.0	10.3/13.0	31817
1999 RQ ₂₃₆	2003 07 21.2	20 00.43	-30 46.5	18.7	-1.01	-	4.7	3.6/19.2	30315
2002 GB ₁₁₃	2003 07 21.2	20 00.46	-14 30.9	17.5	-0.75	-	6.3	2.2/22.6	32006
1999 FQ ₉	2003 07 21.2	20 00.54	-23 20.8	18.4	-1.11	-	4.0	1.1/20.8	30292
2000 SP ₂₇	2003 07 21.2	20 00.57	-13 45.0	19.8	-1.03	-	2.3	2.7/22.3	40122
2000 QF ₂₀₄	2003 07 21.2	20 00.58	-29 30.2	19.3	-1.18	-	3.7	4.4/19.6	17451
1993 FZ ₁₆	2003 07 21.2	20 00.59	-03 33.8	20.4	-0.83	-	4.5	5.5/24.7	31214
1999 TD ₁₁₆	2003 07 21.2	20 00.61	-22 54.1	19.4	-0.92	-	1.8	0.8/20.9	30321
4776 P-L	2003 07 21.2	20 00.62	-20 12.9	20.3	-0.80	-	2.7	0.1/21.3	34057
2000 UA	2003 07 21.2	20 00.65	-37 42.0	17.4	-1.53	+	2.9	6.7/19.4	13786
1999 JA ₈₀	2003 07 21.2	20 00.66	-26 18.2	17.6	-1.04	-	6.1	2.3/20.1	30298
2000 WU ₁₀₉	2003 07 21.2	20 00.68	-23 22.6	17.6	-0.99	+	0.1	1.3/20.9	33887
1999 TO ₂₆₃	2003 07 21.2	20 00.70	-21 29.4	19.5	-0.88	-	2.4	0.3/21.1	47813
2000 RR ₇₀	2003 07 21.2	20 00.86	-28 53.5	19.1	-1.12	-	4.1	3.3/19.8	30382
2002 JM ₈₈	2003 07 21.3	20 00.80	-46 44.0	19.1	-1.09	-	2.6	8.8/15.9	31721
2001 BN ₇₂	2003 07 21.3	20 00.81	-10 13.3	19.5	-0.74	-	4.7	2.9/23.5	48008
1999 VC ₁₀₁	2003 07 21.3	20 00.84	-12 27.7	20.2	-0.79	-	1.8	2.5/22.7	30334
2002 CN ₁₆₅	2003 07 21.3	20 00.90	-23 01.7	19.6	-1.07	-	5.2	1.0/20.9	30673
2000 SH ₆₆	2003 07 21.3	20 00.92	-23 36.9	18.3	-1.05	-	3.1	1.2/20.8	30389
2000 RA ₇₆	2003 07 21.3	20 00.94	-33 42.5	18.2	-1.11	0.0	4.4/19.5	30383	
1998 EY ₂₀	2003 07 21.3	20 00.94	-14 17.9	19.1	-0.93	-	5.1	2.4/23.0	27596
1999 ON	2003 07 21.3	20 00.96	-25 29.6	19.2	-1.08	-	1.7	1.9/20.6	47786
2001 AW ₃	2003 07 21.3	20 00.98	-13 01.4	19.6	-0.94	-	2.6	2.8/22.6	30444
2000 RN ₆₂	2003 07 21.3	20 00.99	-00 18.1	19.8	-0.84	-	1.4	6.5/24.9	47935
2001 XT ₃	2003 07 21.3	20 01.03	-08 32.2	17.8	-1.38	+	6.6	5.8/22.0	30560
2001 AP ₂₁	2003 07 21.3	20 01.04	-24 15.0	19.3	-0.96	-	2.3	1.2/20.7	9590
2000 US ₆₂	2003 07 21.3	20 01.04	-15 47.5	19.1	-1.03	-	0.8	1.9/22.0	33290
2000 SL ₁₄₃	2003 07 21.3	20 01.04	-04 03.6	19.4	-0.94	-	0.9	5.6/24.0	47953
2002 CZ ₂₃₇	2003 07 21.3	20 01.06	-04 27.4	20.8	-0.87	-	5.4	5.5/24.8	48211
1999 VS ₁₀₄	2003 07 21.3	20 01.10	-21 08.0	20.4	-0.80	-	2.3	0.2/21.3	33839
2000 GS ₃	2003 07 21.3	20 01.10	+28 39.7	18.3	-0.88	+	2.4	27.1/01.6	1266
1999 UF ₃₆	2003 07 21.3	20 01.12	+00 05.9	19.0	-0.82	-	3.5	7.3/25.4	47816
2002 CF ₂₈₈	2003 07 21.3	20 01.13	-20 05.8	19.2	-0.94	-	3.4	0.2/21.4	31973
1998 HE ₁₄₇	2003 07 21.3	20 01.20	-31 44.9	18.1	-1.00	-	6.0	3.8/19.0	33768
2001 VU ₄₀	2003 07 21.3	20 01.21	+15 06.0	20.1	-1.22	+	4.1	17.1/25.5	23908
1999 JL ₁₀₂	2003 07 21.3	20 01.22	-13 08.2	18.2	-0.93	-	5.2	3.4/23.0	34765
1998 BF ₃₁	2003 07 21.3	20 01.22	-20 28.6	19.4	-1.06	-	2.1	0.0/21.4	30259
2000 SP ₇₇	2003 07 21.3	20 01.27	-25 26.6	20.4	-1.07	-	2.4	1.7/20.6	47947
1999 TC ₂₆₀	2003 07 21.4	20 01.19	-23 30.8	19.4	-0.93	-	2.0	1.2/20.9	30327
2002 GM ₁₂₃	2003 07 21.4	20 01.26	-15 11.5	18.5	-0.87	-	8.2	1.9/22.7	48230
1999 RF ₈₀	2003 07 21.4	20 01.31	-27 25.9	19.4	-1.03	+	0.4	2.6/20.5	40361
1999 TC ₂₆₄	2003 07 21.4	20 01.34	-17 18.6	20.7	-0.81	-	2.4	0.9/22.0	47813
2000 YV ₈₆	2003 07 21.4	20 01.37	-18 36.2	20.9	-0.94	-	2.3	0.6/21.8	48000
2000 SP ₂₉	2003 07 21.4	20 01.39	-16 29.3	18.9	-1.03	-	2.7	1.5/22.1	31914
2001 CO ₃₂	2003 07 21.4	20 01.39	-37 12.2	19.9	-0.91	-	3.8	4.6/18.1	35540
1998 SR ₄₁	2003 07 21.4	20 01.40	-10 39.8	19.1	-0.63	-	3.9	4.8/23.5	47745
2000 YU ₂₄	2003 07 21.4	20 01.41	-21 33.5	18.2	-0.80	-	3.1	0.3/21.3	30439
2000 XS ₃₁	2003 07 21.4	20 01.47	-27 02.2	20.1	-1.13	-	1.3	2.6/20.5	9891
1999 XY ₆₄	2003 07 21.4	20 01.47	-22 43.6	19.4	-0.86	-	3.0	0.7/21.1	1551

2000 SV ₁₇₆	2003 07 21.4	20 01.51	-19 11.0	19.3	-1.06	-	0.5	0.5/21.7	33263
2000 WO ₁₄₀	2003 07 21.4	20 01.51	-31 37.4	18.8	-1.03	-	6.6	5.1/19.0	34978
1999 TA ₂₆₅	2003 07 21.4	20 01.52	-07 00.8	17.9	-0.99	+	4.4	5.9/22.6	47813
2000 SS ₂₁₄	2003 07 21.4	20 01.54	-33 27.8	19.3	-1.17	-	1.7	5.4/19.5	30399
2002 CP ₁₆₃	2003 07 21.4	20 01.55	-27 06.9	19.5	-1.03	-	2.7	2.6/20.4	48207
1998 BC ₂₅	2003 07 21.4	20 01.63	-29 40.6	18.3	-1.15	-	1.2	3.8/20.1	30259
2002 BH ₁₆	2003 07 21.5	20 01.60	-17 39.7	20.3	-0.98	-	2.0	1.0/22.0	48196
2000 TX ₂₁	2003 07 21.5	20 01.61	-33 25.9	21.0	-1.13	-	3.8	4.7/19.1	7603
2000 YL ₉₅	2003 07 21.5	20 01.63	-24 26.2	19.5	-1.02	-	2.4	1.6/20.9	31380
2001 WD ₂	2003 07 21.5	20 01.64	+10 00.5	19.0	-1.03	+	0.8	10.1/26.1	29732
2002 AD ₁₇₂	2003 07 21.5	20 01.64	-22 40.8	19.8	-1.08	-	0.6	1.0/21.2	48193
2002 FP ₁₁	2003 07 21.5	20 01.69	-11 29.1	19.1	-0.92	-	4.6	3.9/23.0	30104
2002 CY ₉₉	2003 07 21.5	20 01.71	-22 10.9	19.5	-0.96	-	3.4	0.7/21.2	48203
1999 VF ₃₂	2003 07 21.5	20 01.74	-38 24.0	18.4	-0.96	-	4.0	6.6/17.9	29164
1999 VH ₁₆₃	2003 07 21.5	20 01.75	-20 29.6	18.8	-0.86	-	2.2	0.0/21.5	31878
2001 AS ₅	2003 07 21.5	20 01.83	-22 10.0	19.0	-0.91	-	7.4	0.6/21.2	34993
2000 UY ₈₂	2003 07 21.5	20 01.83	-38 26.3	17.7	-1.11	-	5.3	8.3/17.8	35536
2002 GE ₁₇₆	2003 07 21.5	20 01.84	+01 00.3	19.0	-0.68	-	3.5	9.3/26.2	48231
1999 UM ₁₉	2003 07 21.5	20 01.85	-13 55.2	20.4	-0.81	-	2.6	2.2/22.7	47815
2000 SP ₁₀₈	2003 07 21.5	20 01.87	-08 56.7	19.4	-1.00	-	3.7	5.0/23.5	47950
1999 VK ₁₃₅	2003 07 21.5	20 01.87	-02 46.7	18.3	-0.84	-	2.8	7.3/24.6	47823
2002 CN ₁₁₅	2003 07 21.5	20 01.88	-34 00.8	19.4	-1.16	-	3.0	5.3/19.2	30661
2000 WK ₃₂	2003 07 21.5	20 02.00	-12 09.9	20.4	-0.85	-	3.1	2.5/23.1	29541
2000 RL ₄₄	2003 07 21.6	20 01.98	-25 26.3	17.2	-1.11	+	2.0	2.5/21.0	30380
2002 AO ₁₇₉	2003 07 21.6	20 02.00	-19 02.0	19.4	-1.00	-	4.7	0.6/21.9	30627
2000 QX ₉₀	2003 07 21.6	20 02.04	-17 27.1	18.7	-1.09	-	1.0	1.2/22.0	30368
2002 EA ₁₇	2003 07 21.6	20 02.05	-20 44.7	17.9	-0.82	-	6.0	0.1/21.6	31977
1999 XR ₄₃	2003 07 21.6	20 02.06	-16 17.0	20.1	-0.81	-	1.5	1.2/22.3	11694
1999 JN ₆	2003 07 21.6	20 02.12	+27 47.0	17.9	-0.91	+	7.1	23.8/19.5	47777
2002 BA ₁₁	2003 07 21.6	20 02.14	-17 39.1	19.8	-0.97	-	4.7	1.0/22.2	30631
2000 YE ₁₀₂	2003 07 21.6	20 02.14	-13 02.7	19.7	-0.85	-	4.8	2.4/23.0	48001
2000 XD ₃₉	2003 07 21.6	20 02.14	-36 37.6	19.0	-1.12	-	1.0	5.4/19.1	29620
2000 SG ₆₉	2003 07 21.6	20 02.20	-21 09.9	17.8	-1.03	-	4.9	0.3/21.5	27705
2000 UO ₆₈	2003 07 21.6	20 02.21	-24 38.2	21.3	-1.04	-	2.8	1.5/20.9	47980
2002 GE ₆₇	2003 07 21.6	20 02.30	-21 06.8	19.7	-0.86	-	2.5	0.2/21.6	48228
1999 JQ ₄₅	2003 07 21.6	20 02.34	-16 33.8	17.9	-0.87	-	4.2	2.0/22.4	47779
2000 SF ₂₉₄	2003 07 21.6	20 02.42	+13 08.9	19.1	-0.97	+	1.7	12.1/26.2	33272
1999 VK ₁₆₉	2003 07 21.6	20 02.43	-17 38.4	19.6	-0.79	-	1.5	0.8/22.2	12199
2000 YH ₃₄	2003 07 21.7	20 02.40	-09 07.7	20.4	-0.73	-	5.3	3.0/24.2	47998
1999 TO ₃₀₁	2003 07 21.7	20 02.40	-19 30.3	19.7	-0.84	-	2.3	0.3/21.9	47814
2002 CU ₂₅₃	2003 07 21.7	20 02.42	-29 22.6	18.9	-1.14	-	3.8	3.6/20.1	31972
1998 QQ ₇₅	2003 07 21.7	20 02.43	-00 16.1	18.0	-0.83	+	1.9	7.6/24.4	47736
2002 BD ₃₁	2003 07 21.7	20 02.45	-15 19.4	20.5	-1.06	-	3.5	2.2/22.6	48197
2002 GZ ₁₃₈	2003 07 21.7	20 02.55	-34 17.1	19.9	-1.00	-	2.5	4.6/19.3	32008
2002 GX ₁₁₇	2003 07 21.7	20 02.56	-25 07.5	20.7	-0.94	-	4.4	1.5/20.8	31587
2002 CN ₂₈₃	2003 07 21.7	20 02.62	-55 40.8	18.6	-1.89	+	0.7	12.7/15.6	40929
2000 WJ ₃₁	2003 07 21.7	20 02.65	-28 34.5	21.0	-0.92	-	4.6	2.4/20.1	9870
1999 JL ₁₂₉	2003 07 21.7	20 02.69	-20 14.0	17.6	-0.93	-	7.5	0.1/21.8	35472
1999 VV ₃	2003 07 21.7	20 02.72	-27 30.7	21.3	-0.81	-	3.0	1.9/20.4	34800
2002 JX ₃	2003 07 21.7	20 02.74	-10 26.3	18.6	-0.78	-	9.1	3.0/24.3	32013
2002 GV ₁₂	2003 07 21.7	20 02.80	-17 32.7	20.6	-1.01	-	2.9	1.0/22.3	30135

1993 FF ₉	2003 07 21.7	20 02.82	-23 23.7	20.2	-0.93	-	3.5	1.1/21.3	31803
2002 CS ₂₄	2003 07 21.7	20 02.84	-12 29.3	19.0	-1.00	-	1.6	3.2/23.0	30640
2002 CD ₈₃	2003 07 21.8	20 02.77	-27 54.6	19.4	-1.11	-	0.9	3.0/20.7	30654
2002 CG ₃	2003 07 21.8	20 02.87	-22 45.3	18.9	-0.97	-	5.6	0.8/21.4	30635
2002 FY ₃₄	2003 07 21.8	20 02.88	-12 22.2	19.2	-0.79	-	2.4	2.9/23.3	31495
1999 VV ₉₁	2003 07 21.8	20 02.95	-46 19.4	19.8	-1.27	-	2.7	10.4/16.2	2684
2000 RU ₂₁	2003 07 21.8	20 03.00	-25 37.0	18.8	-1.15	-	0.4	2.1/21.1	29277
2000 SV ₆₀	2003 07 21.8	20 03.05	-12 51.3	19.4	-1.00	-	5.0	3.3/23.0	29328
2002 FC ₃₄	2003 07 21.8	20 03.11	-23 06.7	18.5	-0.91	-	5.9	0.9/21.3	31989
2002 AW ₈₇	2003 07 21.8	20 03.13	-14 43.5	19.2	-1.03	-	3.4	2.3/23.0	35569
2002 GJ ₂₃	2003 07 21.8	20 03.22	+00 58.3	20.8	-0.82	-	3.3	7.0/26.2	31505
2000 WZ ₁₇₈	2003 07 21.8	20 03.24	-14 08.9	18.6	-0.97	0.0	2.3/22.8	29597	
2000 UB ₄₃	2003 07 21.8	20 03.25	-19 52.6	20.4	-1.00	-	3.7	0.2/22.0	18299
2002 CB ₁₆₅	2003 07 21.8	20 03.27	-30 23.9	20.4	-1.12	-	0.9	4.2/20.4	48208
2000 UL ₄₂	2003 07 21.9	20 03.17	-19 36.5	20.3	-0.99	-	3.5	0.3/22.0	33286
1997 WH ₄₄	2003 07 21.9	20 03.17	-25 06.4	20.3	-1.06	-	4.4	1.7/21.0	47720
2000 UH ₅₉	2003 07 21.9	20 03.20	-18 24.8	19.2	-1.03	-	1.4	0.8/22.2	47979
1998 SE ₆₃	2003 07 21.9	20 03.24	-07 03.9	18.8	-0.77	-	2.1	4.5/24.3	47746
2000 SM ₂₉₁	2003 07 21.9	20 03.28	-14 56.6	19.2	-0.95	-	1.5	2.9/22.8	10988
2002 AO ₆₄	2003 07 21.9	20 03.29	-16 09.5	20.7	-1.00	-	3.9	1.7/22.7	48187
2000 QA ₁₀₃	2003 07 21.9	20 03.40	-28 10.9	17.5	-1.07	-	5.2	3.0/20.4	31912
2001 FK ₁₁₈	2003 07 21.9	20 03.43	-14 03.8	18.7	-0.84	-	0.3	2.0/22.9	33905
2001 BK ₅₅	2003 07 21.9	20 03.46	-12 00.1	19.9	-0.90	-	4.5	3.0/23.6	35540
1999 RJ ₂₀₄	2003 07 21.9	20 03.47	-18 45.8	18.0	-0.97	+	1.1	0.7/22.2	30314
2000 SV ₂₆₀	2003 07 21.9	20 03.48	-11 57.2	19.7	-0.96	-	4.1	3.2/23.5	29400
2002 AW ₄	2003 07 21.9	20 03.51	-24 52.6	20.0	-1.07	-	4.2	1.7/21.2	48184
2000 KH ₅	2003 07 21.9	20 03.52	+18 57.4	19.2	-1.14	+	0.5	17.7/28.6	25788
1999 RN ₄₆	2003 07 21.9	20 03.52	-33 53.3	17.0	-1.26	+	7.3	6.5/21.2	30306
1998 FX ₅₃	2003 07 21.9	20 03.59	-17 05.6	20.4	-0.96	-	2.3	1.1/22.5	30264
2000 QU ₁₈₀	2003 07 21.9	20 03.60	-28 03.3	18.3	-1.20	-	1.8	3.3/20.8	47926
2000 SO ₂₅₁	2003 07 21.9	20 03.63	-21 12.9	19.5	-1.03	-	2.4	0.3/21.9	47962
1999 PL ₁	2003 07 21.9	20 03.68	-48 58.6	18.7	-1.17	-	6.4	13.8/13.3	36548
2002 HR ₆	2003 07 22.0	20 03.56	-09 03.4	20.7	-0.85	-	1.6	3.7/23.9	47201
2000 QB ₁₄₇	2003 07 22.0	20 03.57	-37 03.1	17.7	-1.21	-	1.4	7.7/19.5	33881
1999 LS ₈	2003 07 22.0	20 03.59	-09 41.2	19.2	-0.96	-	4.7	4.4/24.1	30300
1999 RQ ₈₃	2003 07 22.0	20 03.65	-40 06.2	18.1	-1.11	-	0.7	7.2/19.0	41581
1999 JG ₁₁₁	2003 07 22.0	20 03.69	-11 15.2	18.5	-0.89	-	5.2	4.3/23.9	47782
1989 GU ₆	2003 07 22.0	20 03.71	-37 15.7	20.1	-1.12	-	4.6	5.6/18.9	47681
1999 UM ₄₈	2003 07 22.0	20 03.75	-13 21.9	17.8	-0.83	-	3.4	3.2/23.0	30330
2000 UE ₃₈	2003 07 22.0	20 03.78	-13 36.2	18.9	-0.99	-	1.7	2.6/23.0	30413
2001 BP ₄₅	2003 07 22.0	20 03.80	+02 34.2	17.6	-0.92	+	3.5	7.5/24.7	20836
2000 SA ₁₁₆	2003 07 22.0	20 03.81	-34 41.0	17.9	-0.94	-	2.8	8.1/19.2	29346
2002 AG ₁₁₅	2003 07 22.0	20 03.82	-21 37.0	17.8	-0.99	-	6.4	0.5/21.8	27809
2000 YX ₉₇	2003 07 22.0	20 03.82	-19 18.6	20.5	-0.98	-	1.7	0.3/22.2	12264
2002 CT ₂₄₀	2003 07 22.0	20 03.84	-13 25.8	19.1	-0.92	-	4.3	2.8/23.4	29889
1998 HC ₅	2003 07 22.0	20 03.84	-19 36.9	18.2	-0.97	-	0.7	0.3/22.2	33766
1999 SC ₁₅	2003 07 22.0	20 03.84	-24 13.0	19.9	-1.05	+	1.5	1.5/21.6	47799
2000 UT ₈₁	2003 07 22.0	20 03.85	-09 57.7	18.5	-0.87	-	4.5	5.4/24.1	47980
1998 QB ₁₀₃	2003 07 22.0	20 03.92	-18 55.4	18.0	-0.81	-	4.2	0.5/22.4	31823
2000 WR ₁₅₈	2003 07 22.0	20 03.96	-15 04.7	17.8	-0.94	-	6.7	2.2/23.0	30432
1999 XN ₄₀	2003 07 22.0	20 04.02	-22 37.7	19.7	-0.88	-	2.3	0.8/21.7	30339

2000 WQ ₁₈₉	2003 07 22.0	20 04.05	-30 00.5	19.1	-1.04	-	2.8	3.5/20.4	30434
2000 SQ ₄₀	2003 07 22.0	20 04.07	-30 07.2	18.7	-1.22	+	4.1	5.0/21.2	27703
2000 VX ₄₂	2003 07 22.1	20 04.00	-23 20.5	19.6	-1.02	-	2.6	1.0/21.6	47985
2000 QD ₂₁₅	2003 07 22.1	20 04.07	-13 45.5	19.3	-1.00	-	6.6	2.9/23.5	47929
2001 DQ ₃₁	2003 07 22.1	20 04.07	-16 57.4	19.2	-0.77	-	5.1	1.0/22.8	17554
2002 JB ₉₉	2003 07 22.1	20 04.16	-26 15.3	18.1	-0.84	-	8.4	2.1/20.7	31727
1996 VN ₂₂	2003 07 22.1	20 04.19	-20 01.5	19.1	-1.04	-	0.8	0.1/22.2	30252
2001 DB ₅₂	2003 07 22.1	20 04.20	-11 50.0	19.7	-0.76	-	7.6	2.3/24.2	12300
1999 PG ₄	2003 07 22.1	20 04.23	-35 06.5	20.1	-1.24	+	4.5	7.3/20.6	38070
2002 CB ₅₆	2003 07 22.1	20 04.25	-33 44.2	18.8	-1.17	+	2.3	5.3/20.7	31967
2000 YU ₆	2003 07 22.1	20 04.27	-24 30.3	20.6	-0.96	-	2.4	1.5/21.5	47997
1998 FT ₃₀	2003 07 22.1	20 04.27	-12 35.5	18.9	-0.92	-	3.9	2.7/23.6	30263
2001 CO ₃₆	2003 07 22.1	20 04.28	-29 32.1	18.9	-1.07	-	3.5	3.2/20.5	33896
1999 UN ₆	2003 07 22.1	20 04.32	-35 54.6	18.6	-1.10	-	5.1	5.9/18.7	33120
2000 WV ₁₆₈	2003 07 22.1	20 04.35	-17 57.6	19.4	-0.87	-	5.3	0.8/22.7	30433
2000 WU ₁₅	2003 07 22.1	20 04.40	-25 30.2	17.7	-0.93	-	4.6	2.6/21.2	29531
2000 YX ₁₂	2003 07 22.1	20 04.41	-18 23.1	20.1	-0.88	-	6.2	0.6/22.6	47998
1998 GN ₈	2003 07 22.1	20 04.44	-27 16.4	18.8	-0.94	-	7.2	2.8/20.7	27601
2000 SN ₂₅₂	2003 07 22.1	20 04.47	-35 22.5	17.9	-1.10	-	3.7	7.3/19.4	47962
2000 JQ ₈	2003 07 22.2	20 04.41	+20 09.5	18.8	-1.03	-	4.5	18.5/02.1	1327
2002 AY ₁₂₀	2003 07 22.2	20 04.41	-27 55.3	17.9	-1.07	+	1.9	2.9/21.4	30618
2002 EA ₉₃	2003 07 22.2	20 04.44	-24 21.6	19.8	-0.98	-	2.9	1.6/21.5	30048
1998 ET ₈	2003 07 22.2	20 04.48	-31 15.8	18.6	-1.15	+	1.6	4.4/20.9	47724
2002 CO ₂₈₀	2003 07 22.2	20 04.52	-13 44.5	18.8	-0.95	+	1.0	2.4/23.1	31464
1999 SE ₁₇	2003 07 22.2	20 04.52	-18 57.8	18.9	-1.05	+	1.7	0.6/22.4	18212
4704 P-L	2003 07 22.2	20 04.58	-23 45.8	19.4	-0.97	-	1.8	1.3/21.7	27866
2002 CX ₂₆₅	2003 07 22.2	20 04.58	-21 57.6	19.3	-0.95	-	4.4	0.8/21.9	48212
1999 RN ₁₄₆	2003 07 22.2	20 04.58	-11 05.1	17.8	-0.75	-	1.3	5.0/23.8	33822
1999 RD ₁₅₀	2003 07 22.2	20 04.59	-33 18.5	19.2	-1.14	+	0.4	4.9/20.4	35478
2000 SQ ₁₁₃	2003 07 22.2	20 04.60	-33 51.0	18.5	-1.17	-	3.2	6.1/19.8	33258
2000 SZ ₃₀₀	2003 07 22.2	20 04.60	-31 35.3	18.5	-1.14	-	1.4	4.7/20.5	30404
2000 WL ₅₅	2003 07 22.2	20 04.62	-28 01.2	18.8	-0.87	-	5.0	2.4/20.6	30426
1998 DU ₂₅	2003 07 22.2	20 04.63	-25 58.9	19.8	-1.09	-	3.0	2.5/21.3	30261
2000 XZ ₂₂	2003 07 22.2	20 04.63	-39 28.2	19.8	-1.06	-	2.8	5.8/18.7	31928
2001 AL ₂₃	2003 07 22.2	20 04.67	-17 35.9	20.6	-0.99	-	2.2	1.0/22.7	33351
2002 EN ₁₅₂	2003 07 22.2	20 04.68	-08 34.2	20.0	-0.88	-	1.5	4.3/24.3	48224
2002 JL ₈₈	2003 07 22.2	20 04.76	-07 45.6	19.3	-0.77	-	2.3	4.1/24.6	30218
1995 GS ₂	2003 07 22.2	20 04.78	-20 47.5	20.2	-1.02	-	4.2	0.2/22.2	47696
2000 VV ₄₇	2003 07 22.2	20 04.80	-28 28.8	20.5	-1.08	-	4.6	3.0/20.7	9864
2000 SR ₁₆₈	2003 07 22.2	20 04.82	-39 14.2	18.0	-1.21	+	0.1	7.1/19.7	47955
2002 JG ₄₄	2003 07 22.2	20 04.83	-36 26.4	20.2	-0.97	-	1.1	5.2/19.6	48234
2002 GP ₄₀	2003 07 22.3	20 04.77	-13 08.0	18.9	-0.92	-	2.9	3.1/23.6	33545
2000 WY ₁₂₆	2003 07 22.3	20 04.79	-24 01.6	18.8	-0.99	-	4.1	1.4/21.6	31926
2000 YF ₇₉	2003 07 22.3	20 04.80	-21 39.7	19.7	-1.06	-	3.0	0.5/22.1	48000
2002 AP ₁₂	2003 07 22.3	20 04.82	-16 54.9	18.8	-0.96	-	6.6	1.3/23.0	30604
2002 EG ₄₆	2003 07 22.3	20 04.84	-25 36.4	19.2	-0.98	-	0.9	2.0/21.5	29990
2000 SU ₂₃₄	2003 07 22.3	20 04.84	-21 19.4	19.4	-1.12	-	2.1	0.5/22.2	33269
2000 UD ₂₀	2003 07 22.3	20 04.86	-28 33.8	19.1	-1.05	-	3.8	3.9/20.8	27732
2002 GZ ₁₄₁	2003 07 22.3	20 04.87	-31 28.8	19.3	-0.98	-	3.3	3.6/20.2	31597
2000 VP ₁₉	2003 07 22.3	20 04.90	-15 08.2	20.5	-0.90	-	3.8	1.7/23.3	47984
2002 JN ₁₃₁	2003 07 22.3	20 04.90	-07 40.1	19.9	-0.78	-	2.1	4.0/24.7	48237

2003 AUG. 6

M.P.C. 49307

1999 TX ₁₄₆	2003 07 22.3	20 04.92 -33 09.1 19.8	-1.02 - 3.2	4.1/19.9	1495
1999 RL ₄₂	2003 07 22.3	20 05.04 -28 14.2 17.1	-0.94 - 3.3	3.3/20.8	30306
2000 VG ₁₆	2003 07 22.3	20 05.17 -04 34.6 20.6	-0.89 - 2.2	5.3/25.1	47984
2002 FE ₁₅	2003 07 22.3	20 05.21 -16 00.0 16.6	-0.78 -11.9	1.7/23.6	33975
2002 CO ₁₆₃	2003 07 22.4	20 05.27 -24 23.9 20.4	-1.04 - 3.6	1.5/21.7	30673
1998 BM ₂₉	2003 07 22.4	20 05.29 -20 37.8 19.6	-1.00 - 3.8	0.1/22.4	47722
2000 WN ₄₆	2003 07 22.4	20 05.30 -16 20.5 18.6	-0.94 - 3.4	1.5/23.1	30425
2000 YS ₁₂₇	2003 07 22.4	20 05.38 -28 13.4 20.1	-0.90 - 1.6	2.4/21.1	48002
2002 ER ₄₃	2003 07 22.4	20 05.43 -13 03.7 19.6	-0.88 - 3.2	2.6/23.8	30708
2001 CM ₆	2003 07 22.4	20 05.50 -22 03.0 20.4	-0.79 - 2.6	0.5/22.1	35007
2000 YF ₆₉	2003 07 22.4	20 05.53 -23 21.5 18.8	-0.89 - 3.7	1.1/21.9	31376
2000 WY ₁₅₀	2003 07 22.4	20 05.54 -51 42.3 19.3	-1.29 - 5.1	10.8/14.8	29588
1999 RQ ₁₀₂	2003 07 22.4	20 05.54 -23 35.3 17.8	-1.07 + 2.1	1.3/22.1	30308
2000 SG ₂₄₆	2003 07 22.4	20 05.56 -18 37.7 18.5	-1.00 - 5.0	0.6/23.0	30401
2000 YM ₁₁₇	2003 07 22.4	20 05.56 -22 25.0 18.4	-0.81 - 5.6	0.7/22.0	31932
2000 SV ₆₄	2003 07 22.4	20 05.58 -20 53.6 19.0	-1.07 - 3.1	0.3/22.4	31914
2002 CO ₁₃₄	2003 07 22.4	20 05.59 -37 43.7 18.7	-1.19 + 1.9	7.2/20.3	29837
1998 QJ ₇₄	2003 07 22.4	20 05.64 -27 48.2 19.2	-0.95 + 1.1	2.4/21.5	47736
2002 AD ₁₀	2003 07 22.5	20 05.57 -20 58.6 18.2	-0.94 - 4.8	0.3/22.4	31962
1999 XQ ₁₁	2003 07 22.5	20 05.61 -21 56.0 18.4	-0.92 + 0.2	0.5/22.3	30338
2002 CO ₂₂₁	2003 07 22.5	20 05.63 -27 49.9 19.8	-1.14 - 2.1	2.9/21.3	30685
2002 GG ₅₀	2003 07 22.5	20 05.65 -23 34.0 20.0	-1.10 - 0.3	1.2/22.1	31523
2002 AB ₃₁	2003 07 22.5	20 05.69 -18 43.9 20.6	-1.06 - 3.9	0.7/23.0	48185
1999 RU ₁₇₄	2003 07 22.5	20 05.70 -07 17.4 18.5	-0.83 - 4.8	4.1/25.2	31861
2002 JD ₂	2003 07 22.5	20 05.78 -24 58.1 20.4	-1.02 - 3.4	1.7/21.7	31616
2001 DJ ₄₂	2003 07 22.5	20 05.82 -27 16.0 19.4	-0.94 - 0.3	2.2/21.5	11883
2000 VD ₅₂	2003 07 22.5	20 05.87 -20 43.1 19.1	-1.07 - 1.6	0.2/22.5	9386
2000 SQ ₉₄	2003 07 22.5	20 05.88 -14 18.8 17.6	-1.07 - 1.5	2.7/23.5	25852
2000 AQ ₁₇₀	2003 07 22.5	20 05.89 -03 44.9 20.1	-0.73 - 1.2	4.2/25.4	2722
2000 US ₂	2003 07 22.5	20 05.93 -32 31.6 17.7	-1.13 - 3.4	5.5/20.3	30411
2000 QT ₁₈₉	2003 07 22.5	20 05.93 -24 24.7 17.6	-1.09 - 6.2	1.7/21.7	41667
2002 GW ₇₁	2003 07 22.5	20 05.93 -16 59.7 17.6	-0.79 - 3.8	1.2/23.2	33982
2000 RD ₉₀	2003 07 22.5	20 05.96 -22 18.2 19.8	-1.15 - 1.0	0.9/22.3	13734
2002 CV ₁₃₄	2003 07 22.5	20 05.97 +12 28.4 18.9	-0.73 - 4.9	10.7/31.4	48206
2001 AB ₂₆	2003 07 22.5	20 05.97 -37 27.5 18.0	-1.06 - 5.0	6.1/18.9	31934
2000 SK ₂₉₅	2003 07 22.5	20 05.98 -28 22.6 19.0	-1.15 - 1.2	3.6/21.3	47965
1999 UX ₂₇	2003 07 22.5	20 06.03 -06 23.6 20.1	-0.84 - 2.9	4.6/25.1	47816
2001 CJ ₃₅	2003 07 22.6	20 05.97 -52 14.9 18.8	-1.17 - 1.9	9.3/15.8	31938
2002 GP ₁₃₈	2003 07 22.6	20 06.00 -41 11.5 19.7	-1.00 - 3.5	7.8/18.3	31595
2002 CC ₉₆	2003 07 22.6	20 06.01 -19 00.7 19.8	-0.99 - 4.1	0.5/23.0	48203
1999 RV ₁₀₈	2003 07 22.6	20 06.01 -15 20.8 19.3	-0.90 - 1.5	1.8/23.4	47791
2002 EO ₄₁	2003 07 22.6	20 06.11 -06 41.0 18.4	-0.80 - 5.2	5.6/25.7	48218
1998 HP ₇₃	2003 07 22.6	20 06.18 -25 52.8 19.9	-0.97 - 3.9	1.9/21.6	28997
2002 AO ₂₀	2003 07 22.6	20 06.18 -12 54.5 19.4	-0.98 - 5.9	2.8/24.2	27374
2002 GS ₁₀₉	2003 07 22.6	20 06.18 -46 27.8 19.2	-1.05 - 3.6	7.3/17.3	32006
2002 EQ ₂₅	2003 07 22.6	20 06.24 -18 49.8 18.9	-0.82 - 2.7	0.6/23.0	48217
2001 DQ ₈₇	2003 07 22.6	20 06.31 -19 41.2 20.3	-0.82 - 4.6	0.2/22.8	35022
2002 GZ ₁₇₃	2003 07 22.6	20 06.32 -02 04.8 20.4	-0.83 - 3.5	5.7/26.3	35189
2002 EN ₈₇	2003 07 22.6	20 06.35 -26 26.3 19.1	-0.97 - 3.0	2.5/21.6	48221
1998 QB ₈₇	2003 07 22.6	20 06.36 -21 55.7 17.8	-0.92 + 1.3	0.5/22.5	47736
1998 QJ ₈₄	2003 07 22.6	20 06.39 -04 44.8 18.9	-0.70 - 3.0	7.2/26.0	47736

2000 SM ₂₁₁	2003 07 22.6	20 06.39 -18 46.2 18.6	-0.98 - 6.0	0.6/23.0	47959
2000 VX ₁₆	2003 07 22.7	20 06.38 -08 44.8 19.7	-0.95 - 3.6	5.3/24.8	47984
2002 GV ₁₆₇	2003 07 22.7	20 06.39 -40 59.2 20.0	-1.11 0.0	6.9/19.5	33558
2000 SH ₁₀₆	2003 07 22.7	20 06.43 -21 05.6 19.0	-1.03 - 2.8	0.3/22.6	30392
2001 CJ ₄₀	2003 07 22.7	20 06.43 -34 38.5 18.6	-0.92 - 1.4	4.3/20.2	30450
1999 VO ₁₆₄	2003 07 22.7	20 06.47 -25 26.6 18.5	-0.98 - 2.9	2.4/21.8	2687
2000 WL ₉₃	2003 07 22.7	20 06.50 -18 26.0 19.1	-0.97 - 1.8	0.7/23.0	33314
1995 UB ₄	2003 07 22.7	20 06.50 -35 37.9 20.6	-1.23 - 4.2	5.8/19.6	12111
2001 CZ ₂₆	2003 07 22.7	20 06.52 -14 05.4 18.8	-0.75 - 6.2	1.7/24.1	31938
1999 WF ₁₁	2003 07 22.7	20 06.53 -17 37.6 19.9	-0.85 - 2.8	0.9/23.2	33149
2000 UM ₈₁	2003 07 22.7	20 06.54 -04 25.3 20.0	-0.93 - 1.2	5.5/25.2	47980
2000 WP ₁₁₄	2003 07 22.7	20 06.54 -25 57.4 18.9	-1.08 - 3.3	2.5/21.7	31925
1999 RJ ₆₀	2003 07 22.7	20 06.56 -19 55.9 18.2	-0.97 - 3.4	9.0/03.0	30306
1997 WH ₁₃	2003 07 22.7	20 06.59 -20 45.1 19.4	-1.10 - 1.2	0.2/22.7	47719
1993 RE ₉	2003 07 22.7	20 06.72 -17 43.1 18.4	-0.94 - 3.3	1.3/23.2	47688
2000 YV ₉₇	2003 07 22.7	20 06.73 -22 20.4 18.6	-0.92 + 1.5	0.7/22.5	12264
1999 TR ₂₈₀	2003 07 22.7	20 06.74 -18 56.3 19.7	-0.88 - 3.8	0.4/23.0	47813
2000 WP ₁₃₁	2003 07 22.7	20 06.77 -34 28.5 19.3	-1.02 - 6.6	4.7/19.6	30430
1998 QM ₇₄	2003 07 22.7	20 06.80 -12 15.9 18.2	-0.83 - 0.4	2.8/24.0	35451
1998 HF ₁₄₆	2003 07 22.7	20 06.83 -14 26.6 18.5	-0.83 - 5.0	2.4/24.0	29001
2000 UD ₆₉	2003 07 22.7	20 06.86 -29 56.7 18.5	-1.15 - 1.9	4.4/21.2	29472
2002 EG ₄₃	2003 07 22.8	20 06.78 -02 09.4 19.3	-0.80 - 5.9	7.1/27.0	35170
1999 XA ₁₁₅	2003 07 22.8	20 06.79 -12 18.0 18.2	-1.04 + 1.4	2.9/23.7	40417
2002 EJ ₆₇	2003 07 22.8	20 06.87 -16 59.6 19.0	-0.85 - 2.1	1.1/23.4	30714
2000 SQ ₂₈₇	2003 07 22.8	20 06.89 -20 31.3 17.9	-1.03 - 0.1	7.6/03.0	33884
2002 AR ₆₂	2003 07 22.8	20 06.90 -22 59.0 20.3	-1.06 + 1.0	1.0/22.5	48187
2000 SU ₆₄	2003 07 22.8	20 07.00 -09 44.7 19.5	-0.95 - 5.0	4.8/25.0	47945
1995 MU ₇	2003 07 22.8	20 07.02 -11 03.4 19.7	-0.92 - 4.9	3.9/24.7	47696
1999 XQ ₄₀	2003 07 22.8	20 07.05 -25 10.2 18.0	-0.86 - 2.7	2.4/21.9	46388
1989 TA ₅	2003 07 22.8	20 07.06 -23 18.1 19.2	-1.04 - 4.4	1.2/22.3	9666
2000 YA ₁₂	2003 07 22.8	20 07.12 -23 13.0 20.4	-0.79 - 5.5	0.8/22.2	47998
2000 SS ₂₃₀	2003 07 22.8	20 07.15 -31 52.3 18.2	-1.16 - 3.3	5.8/20.7	13771
2002 GM ₉₉	2003 07 22.8	20 07.17 -27 52.5 19.9	-1.15 - 2.8	2.9/21.6	31572
1998 QZ ₈₃	2003 07 22.8	20 07.18 +04 20.4 19.1	-0.82 + 0.5	8.7/26.5	31237
1999 UJ ₄₁	2003 07 22.8	20 07.23 -26 56.7 19.8	-0.96 - 1.9	2.5/21.8	47817
2000 UX ₁₀	2003 07 22.9	20 07.17 -21 50.1 18.3	-1.09 - 0.7	0.7/22.7	31918
2000 YQ ₁₀₁	2003 07 22.9	20 07.21 -15 49.6 20.3	-0.83 - 4.8	1.3/23.8	33345
2002 JR ₇	2003 07 22.9	20 07.24 -32 15.6 19.3	-0.87 - 4.3	3.7/20.4	33561
2002 EZ ₃₁	2003 07 22.9	20 07.27 -18 08.1 21.0	-1.01 - 4.2	0.8/23.3	30706
2002 KU ₇	2003 07 22.9	20 07.29 -18 08.0 18.0	-0.77 - 8.5	0.7/23.5	48238
2002 CH ₂₄₈	2003 07 22.9	20 07.30 -17 25.3 19.7	-1.04 - 4.6	1.0/23.5	29902
2002 CT ₁₆₉	2003 07 22.9	20 07.32 -30 40.8 18.9	-1.09 - 2.4	3.8/21.2	48208
1999 RS ₇₃	2003 07 22.9	20 07.33 -33 19.6 18.9	-1.10 + 2.5	5.9/21.4	29072
1995 SO ₂	2003 07 22.9	20 07.37 -11 28.1 17.3	-0.73 - 0.2	4.8/24.3	47697
2002 GU ₁₀₉	2003 07 22.9	20 07.37 -05 52.2 19.5	-0.74 - 6.6	4.8/26.4	48230
1999 XJ ₄₁	2003 07 22.9	20 07.43 -06 11.2 19.0	-0.78 - 2.1	4.3/25.5	47829
1998 GK ₁₁	2003 07 22.9	20 07.43 -01 39.8 19.9	-0.89 - 4.5	6.2/26.8	33766
1999 VB ₁₀₄	2003 07 22.9	20 07.48 +04 02.0 19.1	-0.78 - 0.7	7.7/27.4	35488
2002 CZ ₁₀₅	2003 07 22.9	20 07.50 -17 30.4 20.0	-0.97 - 4.8	1.0/23.5	30660
2000 SH ₁₆₅	2003 07 22.9	20 07.54 -24 45.7 19.0	-1.18 + 1.7	2.1/22.4	29369
2000 UB ₇₉	2003 07 22.9	20 07.54 -28 36.0 19.5	-1.01 - 3.1	3.0/21.5	30416

2002 JW ₂₀	2003 07 22.9	20 07.60	-44 56.7	19.1	-1.06	- 1.1	8.1/18.5	48233
1998 FO ₁₀₅	2003 07 22.9	20 07.61	-20 49.0	19.5	-0.99	- 1.7	8.1/12.0	27600
1998 UW ₃₂	2003 07 23.0	20 07.56	-38 40.5	17.0	-0.93	- 3.7	6.9/19.0	31840
2002 EY ₅	2003 07 23.0	20 07.61	-32 05.9	19.5	-1.22	- 2.1	5.0/21.0	30701
2000 AB ₁₅₉	2003 07 23.0	20 07.65	-21 39.4	19.5	-0.88	- 0.2	0.4/22.8	33190
2000 AM ₁₃₁	2003 07 23.0	20 07.68	-25 04.4	19.1	-0.93	- 0.1	1.7/22.3	47843
2000 RT ₂₃	2003 07 23.0	20 07.77	-22 23.0	18.3	-1.09	- 2.0	0.9/22.7	30379
1999 SV ₂	2003 07 23.0	20 07.78	-33 48.1	18.9	-0.97	- 1.6	4.5/20.6	30316
2000 SA ₄	2003 07 23.0	20 07.79	-30 57.4	18.5	-1.10	- 4.9	4.9/20.9	47939
2000 ST ₂₁₆	2003 07 23.0	20 07.80	-15 54.7	20.3	-0.95	- 4.3	1.3/23.9	10986
2001 BU ₃₇	2003 07 23.0	20 07.84	-19 07.8	18.5	-0.85	- 3.4	0.4/23.3	31391
2000 SR ₁₉₆	2003 07 23.0	20 07.84	-28 28.6	20.3	-1.11	- 2.3	3.0/21.7	47957
2002 CO ₁₆₈	2003 07 23.0	20 07.85	-30 48.9	20.0	-1.07	- 1.9	3.7/21.3	29853
2000 QH ₉₉	2003 07 23.0	20 07.88	-32 36.2	19.2	-1.20	- 2.6	6.0/20.8	47919
2000 SV ₁₄₇	2003 07 23.0	20 07.91	-22 21.9	18.3	-1.01	- 1.8	1.1/22.7	27712
1999 VE ₁₉₃	2003 07 23.0	20 07.92	-19 07.5	17.6	-0.90	- 1.5	0.4/23.3	31879
1999 TH ₂₃	2003 07 23.0	20 07.92	-29 41.9	18.6	-0.96	- 3.1	3.8/21.3	33094
2002 GL ₁₄₆	2003 07 23.0	20 07.94	-18 33.4	19.1	-1.07	- 5.0	0.7/23.4	48231
2001 BZ ₃₁	2003 07 23.0	20 07.98	-15 48.4	20.3	-0.77	- 4.3	1.2/24.0	13806
1998 RT ₅₁	2003 07 23.1	20 07.97	-16 18.2	18.3	-0.81	- 1.2	1.2/23.8	31825
1999 VR ₁₂₁	2003 07 23.1	20 08.00	-35 14.3	19.3	-0.96	- 2.7	5.2/20.3	31877
2000 WD ₂₃	2003 07 23.1	20 08.05	-22 32.0	17.6	-0.95	- 7.6	1.1/22.6	30424
2000 SM ₁₆₄	2003 07 23.1	20 08.06	-61 03.0	20.8	-1.92	- 1.0	14.8/13.6	29369
1292 T-1	2003 07 23.1	20 08.08	-23 46.9	18.6	-1.14	- 1.6	1.7/22.6	2586
2002 JC ₉₁	2003 07 23.1	20 08.12	-13 28.1	18.8	-0.74	- 1.6	2.0/24.3	31723
1999 UH ₄	2003 07 23.1	20 08.12	-05 16.3	18.9	-0.85	- 3.0	5.5/25.8	10467
2001 DH ₅₂	2003 07 23.1	20 08.12	-28 55.3	18.7	-1.03	- 3.2	3.1/21.5	31940
2000 VO ₃₀	2003 07 23.1	20 08.13	-26 55.2	17.9	-1.01	- 6.4	2.9/21.7	29509
2000 UL ₁₄	2003 07 23.1	20 08.15	-36 29.0	18.3	-1.15	- 3.8	6.4/19.9	30411
2000 BO ₁₇	2003 07 23.1	20 08.16	-25 04.2	19.5	-0.67	- 2.7	1.1/22.2	33860
2002 AO ₁₅₁	2003 07 23.1	20 08.17	-15 42.2	19.5	-0.91	- 7.9	1.6/24.2	30622
2000 RE ₂₃	2003 07 23.1	20 08.17	-28 43.5	18.2	-1.19	- 0.6	3.7/21.9	30379
2002 GK ₁₃₆	2003 07 23.1	20 08.21	-23 12.9	20.9	-1.06	- 2.8	1.1/22.6	31594
2002 GB ₁₇₄	2003 07 23.1	20 08.22	-33 47.6	19.6	-0.91	- 4.2	4.3/20.3	35189
2002 GB ₃₉	2003 07 23.1	20 08.23	-06 51.3	19.0	-0.79	- 3.6	4.6/25.8	31512
2000 YE ₁₂₂	2003 07 23.1	20 08.24	-27 14.9	19.6	-0.98	- 4.3	2.6/21.8	31383
1998 HE ₁₂₂	2003 07 23.1	20 08.25	-33 52.5	18.3	-1.03	- 5.9	4.8/20.3	33767
1994 PT ₃	2003 07 23.1	20 08.25	-23 38.2	19.3	-0.95	- 1.2	1.2/22.6	30246
2001 DA ₃₈	2003 07 23.1	20 08.26	-16 37.7	19.4	-0.94	- 2.0	1.2/23.8	35016
1999 XG ₁₈₅	2003 07 23.1	20 08.30	-27 31.0	18.8	-1.05	- 1.6	2.7/21.9	3923
1999 VE ₁₆₄	2003 07 23.1	20 08.31	-20 19.3	19.2	-0.83	- 2.1	0.0/23.1	47824
2000 YY ₁₀	2003 07 23.1	20 08.31	-39 33.4	19.4	-0.97	- 7.0	6.0/18.5	31929
2002 CU ₁₂	2003 07 23.1	20 08.33	-15 20.7	20.5	-0.99	- 4.1	1.7/24.1	30637
2000 SS ₂₂₂	2003 07 23.1	20 08.33	-15 19.0	19.3	-1.03	- 1.8	1.9/24.0	29385
2000 UE ₄₁	2003 07 23.1	20 08.43	-19 25.0	18.7	-1.06	- 2.7	0.3/23.3	29458
2000 SL ₈₂	2003 07 23.1	20 08.43	-23 10.2	18.9	-1.11	- 5.1	1.3/22.6	13750
2000 WY ₇₂	2003 07 23.2	20 08.37	-11 00.3	18.6	-1.04	+ 3.3	5.1/24.1	18302
1999 VY ₆₇	2003 07 23.2	20 08.37	-34 27.0	19.7	-0.90	- 3.6	4.2/20.3	30333
2002 CN ₂₁₉	2003 07 23.2	20 08.39	-27 03.0	20.7	-1.10	- 2.7	2.6/22.0	29870
2001 AM ₁₅	2003 07 23.2	20 08.39	-13 55.7	20.1	-0.80	- 1.6	1.8/24.3	48003
2002 GC ₂₇	2003 07 23.2	20 08.43	-18 43.4	19.8	-0.75	- 2.4	0.4/23.5	31505

2002 GA ₇₂	2003 07 23.2	20 08.46	-41 29.5	20.2	-1.11	- 1.9	6.9/19.4	31540
2002 CZ ₂₀₂	2003 07 23.2	20 08.47	-29 51.5	18.3	-1.14	+ 3.0	4.3/22.2	30680
2000 WY ₁₇	2003 07 23.2	20 08.50	-23 20.6	20.3	-0.96	- 4.1	1.0/22.6	10999
2000 US ₁₁₀	2003 07 23.2	20 08.72	-53 34.2	20.9	-1.36	- 2.4	9.6/16.1	25308
2000 QY ₁₄₆	2003 07 23.2	20 08.73	-32 41.4	18.3	-1.18	- 1.6	5.5/21.3	27685
2002 CH ₁₁₉	2003 07 23.2	20 08.80	-20 14.9	19.1	-1.00	- 2.7	0.0/23.3	30662
1999 JW ₇₁	2003 07 23.3	20 08.75	-27 59.6	18.1	-1.08	- 5.1	3.3/21.8	33811
2000 RC ₉₂	2003 07 23.3	20 08.76	-03 39.7	18.5	-0.88	- 2.9	8.7/26.4	13734
2000 QM ₂₁₅	2003 07 23.3	20 08.81	-24 15.1	18.5	-1.02	- 3.1	2.1/22.6	7087
2000 XH ₄₂	2003 07 23.3	20 08.83	-32 57.3	17.9	-1.12	+ 1.3	4.6/21.6	30438
1999 TK ₂₅₆	2003 07 23.3	20 08.83	-11 09.9	19.0	-0.85	- 3.5	3.3/25.1	47812
2000 WT ₁₈₁	2003 07 23.3	20 08.86	-30 09.4	17.7	-1.02	-22.5	4.7/19.8	18305
2000 YW ₆₆	2003 07 23.3	20 08.88	-24 27.4	19.4	-1.02	- 3.9	2.0/22.5	13236
2002 CJ ₂₃₂	2003 07 23.3	20 08.95	-26 07.7	18.3	-1.00	- 0.2	2.0/22.5	29879
2000 SE ₂₃₁	2003 07 23.3	20 08.96	-30 17.8	19.1	-1.12	- 2.3	4.0/21.6	30400
2002 GC ₉₅	2003 07 23.3	20 08.96	-31 35.0	19.9	-1.08	- 1.8	4.1/21.4	33984
2002 GC ₁₀₁	2003 07 23.3	20 08.98	-28 49.9	20.7	-0.87	- 2.0	2.8/21.8	38335
2000 AQ ₁₈₇	2003 07 23.3	20 09.06	-25 13.6	17.4	-0.82	- 7.6	1.5/22.1	31893
1999 RD ₁₆₉	2003 07 23.3	20 09.09	-21 18.3	17.8	-1.01	- 1.8	0.5/23.2	47794
2000 RK ₃₁	2003 07 23.3	20 09.10	-09 40.3	17.5	-1.04	- 1.9	4.5/25.0	47933
2000 QV ₁₇₀	2003 07 23.3	20 09.12	-15 11.6	19.5	-1.07	- 1.9	2.0/24.2	47925
2001 YS ₁₁₁	2003 07 23.3	20 09.12	-28 48.7	20.1	-1.13	- 4.1	3.2/21.8	27795
1999 TG ₂₉	2003 07 23.3	20 09.14	-02 47.2	18.9	-0.83	- 3.2	6.0/26.7	47801
2001 YM ₉₆	2003 07 23.3	20 09.14	-27 00.2	19.3	-1.18	- 1.1	2.9/22.4	48180
1999 XM ₁₈₅	2003 07 23.3	20 09.14	-43 45.6	19.3	-1.02	- 3.8	7.2/18.1	30343
2000 VB ₃₉	2003 07 23.3	20 09.23	-12 31.9	17.5	-1.02	- 0.8	3.8/24.5	47985
2000 SF ₁₇₈	2003 07 23.4	20 09.17	+18 09.1	19.2	-0.94	- 0.2	13.0/30.3	38286
2002 AY ₁₂₈	2003 07 23.4	20 09.17	-17 48.6	19.1	-0.87	- 8.4	0.9/24.0	48191
2002 FH ₃₂	2003 07 23.4	20 09.18	-31 01.3	18.8	-1.03	- 3.2	4.3/21.4	31989
1995 VN ₁₅	2003 07 23.4	20 09.20	-16 41.6	20.6	-0.89	- 2.4	1.2/24.0	47700
2002 DX ₃	2003 07 23.4	20 09.26	-34 56.1	18.9	-1.02	- 9.2	4.9/19.7	31975
1993 TM ₁₄	2003 07 23.4	20 09.30	-21 33.5	19.8	-1.10	- 3.5	0.6/23.2	30245
2000 PN ₆	2003 07 23.4	20 09.34	-02 26.1	18.9	-1.00	- 9.7	6.6/27.7	30361
2000 CA ₁₀₁	2003 07 23.4	20 09.42	-20 39.7	18.9	-0.82	- 3.3	0.2/23.4	31899
2001 EV ₁₁	2003 07 23.4	20 09.45	-14 52.2	20.2	-0.83	- 1.9	1.5/24.4	48015
2000 QJ ₁₀₅	2003 07 23.4	20 09.49	-21 11.3	16.4	-0.81	-10.0	0.6/23.2	47920
1999 VB ₁₃₇	2003 07 23.4	20 09.53	-08 01.4	20.1	-0.78	- 1.7	3.7/25.6	31877
2000 SH ₁₅₈	2003 07 23.4	20 09.61	-26 07.0	20.5	-1.09	- 4.0	2.4/22.4	9825
2000 SF ₁₇₆	2003 07 23.4	20 09.63	-16 37.0	18.2	-1.08	+ 0.2	1.6/24.0	13766
2002 EM ₁₅₃	2003 07 23.5	20 09.58	-23 55.6	18.9	-0.83	- 2.3	1.4/22.8	48224
2000 VP ₅₃	2003 07 23.5	20 09.59	-11 32.8	18.6	-1.00	0.0	4.1/24.7	8534
1999 RE ₂₂₆	2003 07 23.5	20 09.62	-20 35.7	17.7	-1.05	+ 2.5	0.2/23.5	47798
2002 BA ₂	2003 07 23.5	20 09.63	-11 02.0	19.6	-0.89	- 7.3	3.1/25.6	30629
1999 UT ₅₄	2003 07 23.5	20 09.70	-14 14.1	20.5	-0.86	- 3.2	2.1/24.6	47818
2000 XP ₁	2003 07 23.5	20 09.78	-22 33.2	18.2	-1.00	- 4.3	1.1/23.1	47995
2001 BP ₁₆	2003 07 23.5	20 09.84	-23 29.6	19.1	-0.87	- 7.2	1.1/22.8	34998
1999 JW ₆₄	2003 07 23.5	20 09.93	-14 45.9	17.5	-0.98	- 1.5	2.4/24.5	47780
2000 YG ₆₇	2003 07 23.5	20 09.95	-06 55.2	20.7	-0.84	- 3.3	4.1/26.1	48000
2000 WB ₁₅₂	2003 07 23.5	20 09.97	+01 30.0	17.5	-0.93	- 4.2	9.1/27.8	29589
2002 AD ₁₂₆	2003 07 23.5	20 09.99	-02 20.5	18.5	-0.78	-10.6	5.9/28.8	30619
2002 GF ₃₃	2003 07 23.5	20 10.04	-39 40.1	19.4	-1.17	+ 0.5	7.8/20.8	31506

2003 AUG. 6

M.P.C. 49309

2000 VQ ₂₆	2003 07 23.6	20 09.95 -25 01.8 19.9	-1.12 - 3.5	2.1/22.7	33298	1999 TF ₂₇₀	2003 07 23.9	20 11.13 -07 52.3 17.7	-0.87 - 0.5	5.0/25.9	47813
2002 GQ ₆₉	2003 07 23.6	20 09.98 -03 16.0 20.2	-0.75 - 3.8	5.7/27.2	48228	2000 SW ₁₀₃	2003 07 23.9	20 11.14 -29 24.9 19.0	-1.13 - 1.4	3.7/22.4	47949
2000 VR ₆₁	2003 07 23.6	20 10.13 -11 14.9 18.0	-1.14 + 4.2	2.9/24.5	15093	2000 QV ₁₈₇	2003 07 23.9	20 11.16 -29 08.5 18.6	-1.18 - 2.9	4.1/22.3	47926
2002 CJ ₁₇₁	2003 07 23.6	20 10.15 -27 01.5 19.7	-1.09 - 4.6	2.8/22.3	48208	2001 CQ ₃₄	2003 07 23.9	20 11.16 -36 15.5 19.6	-0.89 - 4.8	4.3/20.3	18311
2002 JT ₈₈	2003 07 23.6	20 10.15 -35 28.9 20.0	-0.91 - 2.3	4.4/20.8	48236	2000 SZ ₃₀₆	2003 07 23.9	20 11.18 -12 49.7 18.5	-1.05 - 1.5	3.4/25.0	13778
2000 SN ₁₆₃	2003 07 23.6	20 10.16 -18 15.6 20.2	-1.01 - 2.9	0.7/24.0	10628	2002 EE ₁₁₂	2003 07 23.9	20 11.19 -16 13.0 20.5	-0.92 - 4.4	1.3/24.7	48222
2001 AX ₅	2003 07 23.6	20 10.18 -12 07.9 17.4	-1.03 - 2.1	3.5/24.9	34994	2002 CB ₁₁₂	2003 07 23.9	20 11.32 +07 26.6 18.7	-0.82 - 7.5	9.9/31.3	29825
2000 QU ₄	2003 07 23.6	20 10.18 -30 17.6 18.1	-1.21 - 0.2	4.1/22.2	31911	2002 BJ ₁₈	2003 07 23.9	20 11.33 -20 34.9 18.4	-0.97 - 9.0	0.2/23.8	30632
2000 WW ₁₈₈	2003 07 23.6	20 10.19 -15 51.5 19.0	-1.04 - 1.2	1.9/24.3	47995	2000 VF ₅₇	2003 07 23.9	20 11.35 -30 09.7 19.3	-1.12 - 3.6	3.6/22.0	10998
1999 RV ₇₈	2003 07 23.6	20 10.24 -31 30.0 19.3	-1.14 + 1.2	4.4/22.1	10373	1999 UR ₇	2003 07 23.9	20 11.36 -05 18.7 19.2	-0.84 - 2.1	5.6/26.6	47815
2002 CQ ₁₂	2003 07 23.6	20 10.26 -19 47.2 19.9	-1.00 - 1.8	0.1/23.7	27825	2001 XZ ₁₉₇	2003 07 23.9	20 11.39 -21 37.7 19.8	-0.99 - 7.4	0.6/23.6	27790
2002 AV ₁₁₆	2003 07 23.6	20 10.29 -21 57.4 19.8	-1.06 - 2.5	0.7/23.4	30617	2001 BQ ₄₅	2003 07 23.9	20 11.42 -04 13.5 19.6	-0.89 - 1.2	5.3/26.6	48006
2000 SL ₁₁₁	2003 07 23.6	20 10.33 -14 16.4 18.4	-0.99 - 4.0	2.2/24.8	29343	2002 GA ₆₇	2003 07 23.9	20 11.48 -23 51.0 20.2	-1.03 - 3.7	1.4/23.3	31535
2002 GV ₁₁₂	2003 07 23.6	20 10.34 -15 29.1 19.9	-0.80 - 4.4	1.5/24.6	48230	1999 TR ₅₄	2003 07 23.9	20 11.51 -23 03.6 20.4	-0.85 - 2.3	0.9/23.4	47802
2002 AH ₅	2003 07 23.6	20 10.37 -27 19.6 19.1	-1.15 - 2.3	3.2/22.5	48184	1999 NN ₁₀	2003 07 23.9	20 11.56 -16 52.6 17.9	-0.94 - 9.2	1.3/24.7	47784
1998 SM ₁	2003 07 23.6	20 10.39 +29 59.7 18.0	-0.73 - 2.2	16.1/08.1	31828	1999 CG ₇₇	2003 07 23.9	20 11.58 -10 23.8 18.9	-1.03 - 4.5	4.2/25.9	25729
2002 CJ ₁₇₄	2003 07 23.7	20 10.37 -39 14.2 19.4	-1.14 - 0.7	6.8/20.6	30675	2000 XX ₁₈	2003 07 23.9	20 11.59 -30 38.1 15.8	-0.97 + 9.1	6.4/23.6	30436
1999 JS ₇₈	2003 07 23.7	20 10.39 -14 06.8 18.3	-0.99 - 4.0	2.5/24.8	27622	2002 CK ₇₅	2003 07 24.0	20 11.54 -21 24.3 21.1	-1.03 - 4.0	0.5/23.7	48201
2001 CQ ₃₈	2003 07 23.7	20 10.42 -33 41.1 17.9	-1.19 + 0.8	5.3/21.8	19921	1999 VX ₁₂₄	2003 07 24.0	20 11.54 -21 30.0 19.3	-0.84 - 3.3	0.5/23.7	31302
1998 HZ ₆₉	2003 07 23.7	20 10.49 -01 16.0 19.4	-0.87 - 2.8	6.8/27.5	47730	2398 T-3	2003 07 24.0	20 11.56 -26 43.0 18.7	-1.16 - 2.5	2.7/22.8	34059
2002 AL ₄₈	2003 07 23.7	20 10.51 -18 39.5 20.5	-1.01 - 5.0	0.5/24.0	30609	1997 ML ₁	2003 07 24.0	20 11.62 -24 48.0 18.0	-0.78 - 9.2	1.9/22.7	47713
2002 AN ₁₇₉	2003 07 23.7	20 10.51 -20 37.4 20.1	-1.07 - 2.9	0.2/23.6	30627	1997 EH ₄₆	2003 07 24.0	20 11.72 -32 14.0 16.2	-1.21 + 5.4	6.3/22.8	30254
2002 AW ₁₂₁	2003 07 23.7	20 10.53 -23 49.9 19.6	-1.04 - 3.0	1.5/23.1	27810	2001 CZ ₂₉	2003 07 24.0	20 11.73 -25 06.9 18.0	-0.86 - 6.5	1.7/22.9	31938
2000 XE ₇	2003 07 23.7	20 10.60 -22 24.1 19.3	-1.00 - 0.9	0.8/23.4	31363	2002 GM ₁₅	2003 07 24.0	20 11.80 -34 39.7 19.5	-1.03 - 2.0	5.1/21.4	48226
2000 AP ₂₂₂	2003 07 23.7	20 10.61 -36 46.1 18.8	-0.90 - 7.4	5.1/19.5	33859	1999 RX ₁₄₄	2003 07 24.0	20 11.84 -10 37.6 18.9	-0.85 - 1.9	2.7/25.7	31860
2000 WJ ₃₂	2003 07 23.7	20 10.64 -32 17.5 19.4	-1.02 - 6.7	4.2/21.0	30424	2001 BZ ₂₂	2003 07 24.0	20 11.86 -16 29.9 19.3	-0.86 - 6.4	1.1/24.9	11032
2002 CK ₁₉	2003 07 23.7	20 10.64 -26 09.5 19.3	-1.06 - 4.1	2.4/22.6	30639	2002 EF ₃₀	2003 07 24.0	20 11.87 -21 35.3 20.5	-0.99 - 4.0	0.6/23.8	29970
2000 QH ₁₇₁	2003 07 23.7	20 10.66 -20 41.8 18.3	-1.11 - 1.1	0.3/23.7	27686	2000 UN ₂₈	2003 07 24.0	20 11.88 -07 13.3 18.0	-0.90 - 3.7	6.1/26.6	47976
2002 AP ₁₆₇	2003 07 23.7	20 10.67 -10 59.5 19.7	-0.93 - 6.8	3.3/25.8	30625	1997 LF ₅	2003 07 24.0	20 11.90 -17 28.5 19.8	-0.81 - 5.6	0.8/24.6	47713
2000 WS ₁₂₅	2003 07 23.7	20 10.67 -11 14.1 19.4	-0.92 - 0.4	2.7/25.1	9879	2000 QC ₁₂₉	2003 07 24.0	20 11.94 -25 12.8 18.9	-1.12 - 1.0	2.6/23.3	27683
2002 AH ₃₁	2003 07 23.7	20 10.67 -22 44.9 18.9	-1.03 - 5.6	1.0/23.2	31962	2002 AH ₁₆₀	2003 07 24.0	20 11.96 -16 45.2 19.2	-1.00 - 3.8	1.3/24.7	27814
2002 CG ₅₄	2003 07 23.7	20 10.68 -20 40.6 18.7	-0.98 - 2.1	0.3/23.7	38332	2000 SA ₂₅₂	2003 07 24.0	20 11.98 -41 53.8 20.1	-1.25 - 2.5	8.1/19.9	29396
2000 UC ₁₁₄	2003 07 23.7	20 10.72 -17 58.8 19.2	-1.00 - 3.8	0.8/24.2	37530	2000 WH ₁₁₀	2003 07 24.0	20 12.01 -43 17.3 17.8	-1.10 - 4.2	9.5/19.0	30429
2002 JH ₁₂₉	2003 07 23.7	20 10.73 -14 41.1 20.4	-0.79 - 2.4	1.5/24.8	48237	1999 VQ ₄₃	2003 07 24.1	20 11.95 -20 44.0 18.3	-0.89 - 2.6	0.4/24.0	33131
1999 KP ₁₁	2003 07 23.7	20 10.73 -23 50.6 18.4	-0.99 - 4.4	1.8/23.0	47783	2000 SS ₈₇	2003 07 24.1	20 12.00 -14 54.6 17.4	-0.95 - 7.4	2.4/25.3	33883
2000 VQ ₄₄	2003 07 23.7	20 10.75 -38 33.0 21.1	-1.08 - 3.7	5.7/20.0	33301	2002 GZ ₇	2003 07 24.1	20 12.01 -31 33.2 20.1	-0.89 - 3.3	3.8/21.8	48226
1996 XW ₂₇	2003 07 23.8	20 10.78 -18 10.4 18.6	-0.92 - 4.0	0.8/24.2	47707	2000 WS ₇	2003 07 24.1	20 12.01 -19 58.2 17.9	-0.96 - 5.8	0.0/24.1	30423
2000 SL ₁₃₁	2003 07 23.8	20 10.78 -10 57.9 18.7	-1.05 - 0.2	3.4/25.1	30394	1998 QV ₆₉	2003 07 24.1	20 12.03 -13 18.1 18.0	-0.86 - 0.1	2.4/25.1	47736
2000 SC ₁₁₄	2003 07 23.8	20 10.81 -27 56.6 17.8	-0.99 - 3.3	4.3/22.3	15090	2001 BU ₁₄	2003 07 24.1	20 12.05 -13 56.1 19.6	-0.79 - 5.1	1.9/25.4	33892
2002 CE ₉₅	2003 07 23.8	20 10.83 -22 15.1 20.1	-1.03 - 2.6	0.8/23.4	29808	2002 GQ ₁₀₁	2003 07 24.1	20 12.14 -28 17.9 19.3	-0.85 - 3.4	3.0/22.5	48230
1999 VF ₂₅₃	2003 07 23.8	20 10.86 -25 24.1 19.2	-0.82 - 4.6	1.6/22.7	30337	1999 KS ₁₂	2003 07 24.1	20 12.14 -16 18.2 17.8	-0.95 - 2.6	1.8/24.8	30300
2000 WT ₃₄	2003 07 23.8	20 10.86 -09 36.0 19.7	-0.96 - 3.0	4.3/25.7	17483	1998 KG ₄₉	2003 07 24.1	20 12.17 -00 01.1 19.4	-0.80 - 3.3	8.1/28.4	47732
2002 AE ₁₅₂	2003 07 23.8	20 10.91 -23 52.1 20.1	-1.04 - 2.8	1.4/23.2	30622	2000 RL ₄	2003 07 24.1	20 12.27 -23 03.3 17.8	-1.03 - 5.8	1.2/23.5	31912
2000 WG ₁₃₅	2003 07 23.8	20 10.92 -38 20.0 20.6	-1.08 - 3.4	5.9/20.1	30430	1999 RX ₂₄₈	2003 07 24.1	20 12.30 -07 38.5 20.0	-0.82 - 3.8	4.0/26.7	47798
2001 BO ₃₄	2003 07 23.8	20 11.05 -22 27.0 19.1	-1.02 - 1.8	0.8/23.5	12276	1999 TM ₄	2003 07 24.1	20 12.31 -13 28.6 17.3	-0.86 - 1.6	2.5/25.3	30317
2000 XT ₉	2003 07 23.8	20 11.11 -39 47.4 18.7	-1.12 - 2.2	6.5/20.1	30435	2001 XX ₁₁₃	2003 07 24.1	20 12.32 -21 03.5 18.7	-0.90 - 7.9	0.4/23.9	48167
2000 SY ₁₀₄	2003 07 23.8	20 11.15 -13 13.8 19.7	-0.98 - 3.4	2.5/25.1	33256	2000 XU ₄₂	2003 07 24.1	20 12.41 -40 28.6 18.7	-1.19 - 2.4	7.0/20.2	11011
2000 YE ₃₄	2003 07 23.8	20 11.18 -13 40.4 19.3	-0.84 - 0.6	2.0/24.9	30439	1999 SE ₂	2003 07 24.1	20 12.44 -39 56.7 18.1	-1.51 + 4.5	7.6/22.0	13608
1999 TU ₂₉₂	2003 07 23.8	20 11.20 -33 50.7 19.9	-0.97 - 1.4	4.4/21.5	47814	1999 QV ₁	2003 07 24.2	20 12.36 -09 50.4 18.1	-0.90 - 5.3	4.9/26.2	47786
1999 TD ₂₅₂	2003 07 23.8	20 11.20 -22 31.8 18.0	-0.80 - 7.4	1.2/23.3	30327	2000 AL ₅₁	2003 07 24.2	20 12.42 -20 40.9 17.4	-0.97 - 0.2	0.3/24.1	30345
2000 VW ₂	2003 07 23.8	20 11.21 -25 04.8 19.1	-1.09 - 3.2	2.1/23.0	29497	1999 TW ₅₀	2003 07 24.2	20 12.43 -15 24.3 18.8	-0.89 - 3.2	1.7/25.1	31866

2002 CV ₁₄₅	2003 07 24.2	20 12.43	-12 05.1	19.8	-0.87	-	3.6	3.3/25.8	48207
1998 HW ₅₅	2003 07 24.2	20 12.46	-22 20.2	19.5	-0.95	-	3.6	0.9/23.8	47730
2002 GB ₄₇	2003 07 24.2	20 12.46	-16 53.4	18.0	-0.92	-	2.4	1.5/24.8	31521
1999 RK ₁₃	2003 07 24.2	20 12.49	-28 08.0	17.6	-0.96	+	0.4	4.2/22.9	33816
2000 WW ₂₆	2003 07 24.2	20 12.53	-33 38.6	19.5	-0.97	-	5.2	4.3/21.3	47988
2002 AP ₁₂₅	2003 07 24.2	20 12.54	-21 21.1	18.5	-1.00	-	5.2	0.5/24.0	30618
2002 AJ ₆₂	2003 07 24.2	20 12.58	-18 57.9	18.6	-1.00	-	2.6	0.4/24.4	30611
2002 CN ₁₀₅	2003 07 24.2	20 12.60	-16 54.3	20.0	-1.01	-	4.5	1.1/24.9	30659
2000 RN ₉₄	2003 07 24.2	20 12.62	-31 13.2	17.9	-1.13	-	1.7	4.6/22.4	30384
2000 XJ ₁	2003 07 24.2	20 12.62	-13 49.5	20.3	-0.97	-	1.2	2.2/25.2	17501
2002 BD ₁₇	2003 07 24.2	20 12.63	-31 21.8	18.3	-1.11	+	1.3	4.3/22.8	30632
2000 QV ₁₅₁	2003 07 24.2	20 12.70	-23 21.7	18.6	-1.11	-	1.8	1.4/23.7	38285
2000 SW ₂₉₈	2003 07 24.2	20 12.72	-23 30.4	18.2	-1.07	+	2.4	1.9/23.9	47966
1999 VC ₆₁	2003 07 24.2	20 12.73	-23 48.6	19.3	-0.89	-	3.2	1.4/23.5	47820
2000 XR ₁₆	2003 07 24.3	20 12.72	-11 36.2	17.0	-1.09	+	4.1	3.7/25.1	30435
1999 UT ₄₁	2003 07 24.3	20 12.73	-51 14.2	20.7	-1.14	-	1.0	7.3/17.8	14376
2002 HG ₉	2003 07 24.3	20 12.74	-11 32.9	19.1	-0.89	-	4.8	3.1/26.0	38335
2000 WO ₁₅₇	2003 07 24.3	20 12.76	-34 12.4	18.2	-1.01	-	3.6	4.7/21.4	31926
1998 HS ₆₆	2003 07 24.3	20 12.79	-21 58.2	20.1	-0.95	-	4.2	0.7/23.9	47730
2002 JH ₁₀₉	2003 07 24.3	20 12.83	+02 45.6	18.4	-0.80	+	0.8	7.7/27.9	41766
2002 CV ₁₀₅	2003 07 24.3	20 12.85	-33 39.3	19.0	-1.04	-	0.5	5.5/22.1	48204
1999 VK ₂₂₉	2003 07 24.3	20 12.87	-09 24.4	18.6	-0.79	-	7.0	4.7/26.8	47826
2000 SE ₁₃₈	2003 07 24.3	20 12.91	-09 18.0	19.4	-1.02	-	1.4	5.0/26.0	13759
1999 SX ₄	2003 07 24.3	20 12.95	-17 18.4	19.2	-0.90	-	4.1	0.9/24.9	12160
1999 TT ₉₅	2003 07 24.3	20 12.95	-27 07.1	18.3	-0.93	-	4.0	2.7/22.9	30320
2000 WY ₁₃₃	2003 07 24.3	20 12.97	-13 55.5	17.8	-0.98	+	0.3	2.1/25.2	30430
1999 XP ₂₆	2003 07 24.3	20 12.97	-22 00.1	18.9	-0.91	-	2.5	0.7/24.0	1548
1999 TY ₅₃	2003 07 24.3	20 13.09	-43 13.3	21.3	-1.01	-	1.4	6.2/20.0	47802
2000 SZ ₁₂₆	2003 07 24.3	20 13.12	-21 10.7	18.6	-1.02	-	3.0	0.5/24.2	27710
1999 VU ₃₃	2003 07 24.3	20 13.15	-12 58.9	19.1	-0.81	-	2.2	2.2/25.7	30331
1999 VZ ₂₀₃	2003 07 24.3	20 13.18	-12 20.0	18.1	-1.00	+	2.8	3.5/25.2	2691
1996 EJ ₃	2003 07 24.4	20 13.13	-41 15.3	19.1	-1.05	+	0.3	6.7/21.0	47702
1999 TT ₂₄₃	2003 07 24.4	20 13.18	-18 08.6	19.1	-0.86	-	2.6	0.6/24.7	30326
2000 QJ ₁₁₅	2003 07 24.4	20 13.20	-20 54.4	18.3	-1.14	-	0.8	0.4/24.3	27682
2002 GR ₆₄	2003 07 24.4	20 13.24	-03 36.5	19.2	-0.77	-	3.0	5.7/27.7	48228
2000 QJ ₁₈₁	2003 07 24.4	20 13.26	-22 22.1	17.4	-1.06	-	1.8	1.0/24.0	30374
2000 RS ₇₅	2003 07 24.4	20 13.29	-35 16.7	19.6	-1.10	-	1.3	4.8/21.8	33248
2002 CR ₂₄₈	2003 07 24.4	20 13.39	-12 35.8	19.7	-0.92	-	3.3	2.6/25.9	29903
2002 EE ₂₉	2003 07 24.4	20 13.41	-12 21.3	20.1	-0.85	-	4.2	2.9/26.0	48217
2001 AA ₃₃	2003 07 24.4	20 13.44	-26 37.8	19.6	-1.01	-	3.3	2.4/23.2	31934
2000 XE ₄₁	2003 07 24.4	20 13.44	-26 49.0	19.6	-1.04	-	0.4	2.2/23.4	11011
1999 XN ₂₉	2003 07 24.4	20 13.45	-43 13.8	18.3	-0.96	-	5.9	6.7/18.7	31881
2000 SD ₂₆₅	2003 07 24.4	20 13.50	-24 02.3	20.7	-1.05	-	3.9	1.5/23.7	7593
1999 JS ₇₆	2003 07 24.4	20 13.53	-06 03.4	17.8	-0.95	-	2.4	6.0/27.1	47780
1999 RB ₃₉	2003 07 24.4	20 13.54	-27 56.6	18.2	-0.91	-	0.5	4.1/23.1	35475
2000 WF ₁₂₃	2003 07 24.4	20 13.61	-29 26.3	19.3	-1.02	-	5.1	3.4/22.5	34976
1999 JJ ₃	2003 07 24.5	20 13.52	-26 21.3	16.3	-1.01	-	7.8	3.0/23.0	33808
2001 DA ₁₂	2003 07 24.5	20 13.53	-18 44.0	19.8	-0.76	-	3.8	0.3/24.7	17551
1999 JC ₆₁	2003 07 24.5	20 13.58	-21 33.4	17.4	-1.00	-	6.4	0.7/24.2	33810
2000 RW ₂₉	2003 07 24.5	20 13.59	-03 40.6	18.9	-0.99	-	2.3	7.3/27.6	47933
2000 UQ ₇	2003 07 24.5	20 13.62	-17 07.0	18.4	-0.99	-	3.5	1.0/25.0	30411

2000 UP ₆₁	2003 07 24.5	20 13.63	-09 37.9	19.9	-1.01	-	1.2	4.3/26.1	47979
2000 AL ₂₀	2003 07 24.5	20 13.63	-20 21.5	20.1	-0.78	-	2.3	0.1/24.4	13094
2000 SR ₂₂₁	2003 07 24.5	20 13.64	-13 27.0	18.2	-0.96	-	7.9	2.9/26.0	47960
1999 TW ₁₄₅	2003 07 24.5	20 13.68	-32 39.2	19.0	-1.01	-	3.3	5.0/22.0	30323
2000 UU ₆₆	2003 07 24.5	20 13.73	-25 54.6	19.1	-1.07	-	1.5	2.3/23.6	29471
2000 YQ ₁₅	2003 07 24.5	20 13.75	-27 06.4	18.6	-1.13	-	4.1	3.0/23.1	9895
2000 YY ₄₃	2003 07 24.5	20 13.76	-19 40.5	19.0	-1.08	-	4.7	0.1/24.6	30440
1999 JC ₁₀₉	2003 07 24.5	20 13.80	-25 28.3	19.7	-1.08	-	3.5	2.3/23.5	35471
1999 TQ ₂₂₅	2003 07 24.5	20 13.81	-30 55.2	18.1	-1.04	+	0.3	4.7/22.9	35484
2000 KR ₄	2003 07 24.5	20 13.82	+16 39.4	20.1	-1.18	+	2.3	16.9/30.4	27664
2000 SB ₃₅₂	2003 07 24.5	20 13.83	-21 27.5	18.1	-0.96	-	5.6	0.8/24.2	25262
2000 SA ₁	2003 07 24.5	20 13.83	-43 17.5	17.9	-1.79	+	5.4	10.4/22.0	10977
1994 JH ₆	2003 07 24.5	20 13.85	-30 00.7	19.3	-1.07	-	4.4	3.7/22.5	47691
1999 VG ₂₀₀	2003 07 24.5	20 13.85	-01 18.7	20.0	-0.71	-	3.8	4.8/28.6	31879
2002 AH ₈₅	2003 07 24.5	20 13.90	-10 21.3	18.8	-1.05	-	1.4	4.1/26.1	33958
2000 VQ ₂	2003 07 24.5	20 13.93	-13 34.5	20.4	-0.90	-	3.4	2.0/25.8	29496
1999 XD ₇₄	2003 07 24.5	20 13.95	-21 49.2	19.1	-0.79	-	3.0	0.5/24.2	13632
2002 CY ₂₄₁	2003 07 24.5	20 14.00	-17 31.3	19.8	-1.01	-	2.1	0.8/25.0	30689
2001 DG ₁₁	2003 07 24.6	20 13.92	-14 26.9	18.3	-0.76	-	5.5	1.6/25.8	31939
1998 FM ₆	2003 07 24.6	20 13.92	-43 46.5	20.7	-1.19	0.0	9.9/20.8	16794	
2001 CS ₂₉	2003 07 24.6	20 13.93	-21 24.4	19.5	-0.83	-	4.0	0.5/24.3	30450
1998 DO ₁₉	2003 07 24.6	20 13.94	-16 02.8	21.0	-1.01	-	5.6	1.4/25.4	7453
2001 DE ₈₄	2003 07 24.6	20 14.03	-27 04.0	20.3	-0.77	-	2.2	1.8/23.2	18313
1998 FN ₁₆	2003 07 24.6	20 14.06	-13 29.8	18.7	-0.98	-	5.1	2.4/25.9	30262
2001 BU ₆₃	2003 07 24.6	20 14.07	-30 53.7	17.8	-0.92	+	1.0	3.4/23.0	16091
1999 VA ₃	2003 07 24.6	20 14.09	-17 58.0	20.9	-0.75	-	2.7	0.5/25.0	33836
2000 XP ₁₄	2003 07 24.6	20 14.11	-39 17.2	20.9	-0.92	-	5.2	4.6/20.2	12259
2002 GN ₉₃	2003 07 24.6	20 14.13	-21 01.9	19.5	-0.95	-	1.5	0.4/24.5	31565
1999 TC ₂₆₉	2003 07 24.6	20 14.14	-10 07.8	19.3	-1.00	-	0.4	3.9/26.1	2673
1999 TM ₁₁₂	2003 07 24.6	20 14.17	-15 11.4	19.5	-0.88	-	2.4	1.5/25.5	47806
1999 RO ₁₇₅	2003 07 24.6	20 14.17	-25 47.6	18.6	-0.98	-	1.6	2.1/23.6	35480
2002 CO ₁₄	2003 07 24.6	20 14.17	-21 43.9	19.0	-1.00	-	2.0	0.7/24.3	41763
2000 TJ ₃₂	2003 07 24.6	20 14.22	-18 20.2	19.5	-1.04	-	1.9	0.6/24.9	27728
2000 TR ₅₆	2003 07 24.6	20 14.24	-18 39.8	19.6	-1.07	-	4.6	0.5/24.9	47974
2000 SQ ₁₅₁	2003 07 24.6	20 14.25	-31 55.9	19.8	-1.15	-	3.2	4.8/22.4	31334
2002 GP ₁₄₅	2003 07 24.6	20 14.26	-11 23.8	19.9	-0.88	-	2.6	3.1/26.2	31599
1999 RZ ₂₄	2003 07 24.6	20 14.28	-17 44.4	18.0	-0.95	-	2.2	0.8/25.0	31857
1992 VR	2003 07 24.6	20 14.31	-17 15.9	18.5	-0.98	-	3.5	1.1/25.2	30243
1999 XV ₈₄	2003 07 24.6	20 14.32	-18 02.0	20.0	-0.78	-	2.8	0.5/25.0	14163
2000 SG ₂₁₈	2003 07 24.6	20 14.33	-23 51.2	18.2	-1.01	-	6.3	1.6/23.8	31916
2001 DP ₂₆	2003 07 24.6	20 14.36	-22 31.9	21.1	-0.93	-	3.7	0.9/24.2	48010
1998 HO ₁₄₇	2003 07 24.6	20 14.38	+00 57.7	19.7	-0.84	-	3.7	7.4/29.3	47731
1999 VY ₄₇	2003 07 24.7	20 14.31	-25 09.9	18.2	-0.94	+	0.2	1.8/23.9	30332
1998 RE ₁₉	2003 07 24.7	20 14.45	-39 47.0	18.3	-1.07	+	0.3	6.7/21.4	30277
1999 RY ₉₃	2003 07 24.7	20 14.45	-15 00.2	19.5	-0.98	-	5.8	2.0/25.7	1453
2002 EL ₂₇	2003 07 24.7	20 14.52	-24 37.0	20.5	-1.05	-	3.5	1.8/23.9	30705
2000 YJ ₈₆	2003 07 24.7	20 14.54	-20 22.7	20.0	-0.94	-	4.5	0.2/24.6	48000
1999 JH ₂₄	2003 07 24.7	20 14.61	-34 06.7	16.5	-1.06	-	2.7	7.0/22.0	41575
2000 SS ₁₇₅	2003 07 24.7	20 14.66	-37 44.1	18.7	-1.17	-	0.4	6.1/21.9	30397
1978 VN ₁₀	2003 07 24.7	20 14.71	-15 37.1	19.7	-0.79	-	2.6	1.2/25.6	47679
1999 TD ₆₀	2003 07 24.7	20 14.71	-22 51.8	19.2	-0.94	-	1.9	1.2/24.3	30319

2003 AUG. 6

M.P.C. 49311

1998 RW ₆₉	2003 07 24.7	20 14.71	-18 23.2	17.8	-0.82	-	3.9	0.6/25.1	47741
1999 BG ₉	2003 07 24.7	20 14.72	-18 04.5	19.3	-1.11	-	4.0	0.7/25.1	33794
2002 BD ₈	2003 07 24.7	20 14.76	-25 39.9	19.0	-1.13	-	0.5	2.3/23.9	30630
1998 RR ₂₆	2003 07 24.8	20 14.70	-32 12.2	18.6	-0.95	-	0.8	4.4/22.6	31825
2002 CA ₂₁₀	2003 07 24.8	20 14.72	-21 44.1	19.1	-0.96	-	2.6	0.7/24.5	38333
2002 JT ₇₇	2003 07 24.8	20 14.73	-23 32.6	19.6	-0.89	-	2.8	1.3/24.1	33569
2002 JW ₁₃₉	2003 07 24.8	20 14.77	-35 35.0	19.4	-0.94	-	2.2	5.0/21.8	33585
2002 CB ₁₀₄	2003 07 24.8	20 14.82	-28 05.8	20.3	-1.01	-	1.2	2.7/23.5	30659
2001 AS ₃₄	2003 07 24.8	20 14.85	-27 15.8	19.1	-1.02	-	3.5	2.6/23.4	31934
2000 YN ₉₁	2003 07 24.8	20 14.90	-26 33.5	19.3	-0.91	-	4.9	2.4/23.4	31379
2000 XP ₄₂	2003 07 24.8	20 14.92	-44 02.9	18.7	-1.20	-	2.4	8.4/19.9	31367
2001 AO ₁₂	2003 07 24.8	20 14.97	-14 21.5	19.1	-0.96	-	0.0	1.9/25.7	12268
2000 SB ₁₃₆	2003 07 24.8	20 14.98	-08 10.2	19.7	-1.04	-	1.6	5.3/26.7	10982
1993 TO ₁₀	2003 07 24.8	20 15.03	-14 11.9	18.9	-0.81	-	1.9	2.0/25.9	47688
2002 GV ₇₁	2003 07 24.8	20 15.05	-21 33.0	19.5	-0.89	-	3.9	0.7/24.5	48228
2000 WV ₃₃	2003 07 24.8	20 15.06	-08 27.1	18.4	-0.87	-	3.2	5.8/27.1	47988
2002 FN ₁₆	2003 07 24.8	20 15.09	-36 58.1	19.7	-1.05	-	4.0	5.4/21.3	30107
1999 TM ₄₃	2003 07 24.8	20 15.11	-18 40.4	19.6	-0.89	-	2.7	0.4/25.1	30319
2000 WN ₉₅	2003 07 24.8	20 15.12	-08 22.6	20.2	-0.79	-	1.0	3.0/27.0	35536
2001 EF ₁₉	2003 07 24.8	20 15.12	-04 23.6	19.9	-0.73	-	3.4	4.3/28.2	48016
2000 VS ₄	2003 07 24.8	20 15.17	-16 35.3	19.8	-1.03	-	3.7	1.3/25.5	33295
2000 SN ₃₁₉	2003 07 24.9	20 15.14	-35 54.0	17.5	-1.14	-	0.7	5.5/22.2	31917
2002 EJ ₁₅₃	2003 07 24.9	20 15.19	+05 16.2	18.3	-0.75	-	2.1	8.8/30.5	31986
2000 UY ₈₅	2003 07 24.9	20 15.20	-08 42.6	20.1	-0.95	-	3.7	4.3/27.1	31345
2000 SY ₁₄₆	2003 07 24.9	20 15.21	-20 35.6	20.7	-1.02	-	3.0	0.3/24.8	10983
2000 WU ₁₈₈	2003 07 24.9	20 15.31	-27 54.5	20.9	-1.10	-	3.0	3.0/23.4	30434
1999 RK ₁₆₁	2003 07 24.9	20 15.31	-08 29.3	19.2	-0.87	-	2.6	4.6/27.1	47794
2001 BQ ₆	2003 07 24.9	20 15.34	-27 51.7	20.6	-0.86	-	3.0	2.5/23.4	48005
2002 GW ₆₆	2003 07 24.9	20 15.41	-13 15.2	19.0	-0.91	-	3.9	2.5/26.3	48228
1999 VP ₈₅	2003 07 24.9	20 15.50	-10 05.5	18.1	-0.67	-	14.0	4.7/28.0	47821
1999 WO ₁₇	2003 07 25.0	20 15.53	-13 15.8	19.2	-0.88	-	2.4	2.4/26.2	1545
2002 EQ ₁₀	2003 07 25.0	20 15.53	+04 11.2	20.2	-0.85	-	5.3	8.6/30.7	29940
1998 FY ₁₁₄	2003 07 25.0	20 15.53	-05 55.5	20.2	-0.91	-	2.1	5.0/27.6	47727
1999 TC ₉₉	2003 07 25.0	20 15.57	-05 39.1	19.1	-0.81	-	5.6	5.0/28.0	12170
2001 BU ₁₃	2003 07 25.0	20 15.59	-16 52.7	18.2	-0.77	-	5.3	1.0/25.7	31935
1999 RE	2003 07 25.0	20 15.59	-46 02.6	17.4	-0.99	-	1.2	13.5/18.7	47786
1999 VV ₇₀	2003 07 25.0	20 15.60	-18 24.4	20.6	-0.79	-	2.7	0.4/25.3	12192
1991 TR ₁₅	2003 07 25.0	20 15.61	-21 34.9	17.6	-0.98	-	3.8	0.7/24.7	47683
2002 EY ₁₁₅	2003 07 25.0	20 15.71	-41 19.7	19.8	-1.11	-	2.2	7.1/21.0	33972
2001 BZ ₆₃	2003 07 25.0	20 15.80	-12 28.7	20.5	-0.77	-	2.7	2.0/26.5	12280
1998 UE ₁	2003 07 25.0	20 15.84	+01 50.8	18.6	-1.45	+	15.1	12.5/24.4	22054
1991 TK ₉	2003 07 25.0	20 15.85	-13 38.8	18.9	-0.90	-	2.9	2.3/26.2	28929
2002 CZ ₁₃₃	2003 07 25.0	20 15.89	-34 19.3	18.6	-1.09	-	0.3	5.0/22.8	41763
2000 YZ ₈₄	2003 07 25.0	20 15.96	-17 57.6	16.9	-0.93	-	7.9	0.8/25.5	30442
2001 BW ₃₁	2003 07 25.0	20 15.96	-27 15.9	19.4	-0.94	+	0.8	2.2/24.0	17537
2000 WZ ₄₆	2003 07 25.1	20 15.89	-17 09.8	20.1	-1.02	-	4.0	1.1/25.6	9872
1998 KR ₁₄	2003 07 25.1	20 15.90	-20 22.3	18.2	-0.96	-	1.4	0.2/25.0	47732
1999 RC ₆₅	2003 07 25.1	20 15.93	-14 55.3	18.3	-0.89	-	3.9	1.8/26.1	30306
7595 P-L	2003 07 25.1	20 15.94	-17 15.3	17.8	-0.90	-	5.3	1.3/25.7	38736
2002 DM ₁₁	2003 07 25.1	20 15.95	-05 53.3	20.0	-0.85	-	5.7	4.7/28.3	30698
2002 CT ₁₀₉	2003 07 25.1	20 16.13	-22 42.7	20.4	-1.02	-	3.7	1.1/24.6	29822

1999 RR ₁₁₉	2003 07 25.1	20 16.13	-09 45.7	19.3	-0.89	-	5.3	4.0/27.3	47792
1998 ST ₆₈	2003 07 25.1	20 16.15	-18 03.3	18.1	-0.98	+	3.8	0.6/25.3	47746
1999 VS ₇₁	2003 07 25.1	20 16.18	-15 43.8	19.4	-0.81	-	2.7	1.3/25.9	29171
2000 UF ₁₁₀	2003 07 25.1	20 16.23	-09 57.6	18.8	-1.00	+	0.7	3.8/26.6	30418
2000 XU ₆	2003 07 25.1	20 16.29	-10 00.1	18.2	-1.01	+	1.7	3.6/26.5	9887
1999 XC ₃₁	2003 07 25.1	20 16.32	-11 22.3	20.5	-0.78	-	3.2	2.5/26.9	15649
2000 WT ₁₀₀	2003 07 25.1	20 16.32	-19 54.8	20.3	-0.92	-	2.6	0.1/25.2	47990
2001 XF ₂₆	2003 07 25.2	20 16.33	-22 01.6	18.0	-1.27	+	5.2	0.9/25.0	27784
2000 UL ₃₆	2003 07 25.2	20 16.39	-23 42.5	20.1	-1.03	-	3.2	1.4/24.5	33285
2000 XF ₁₁	2003 07 25.2	20 16.41	-23 25.0	19.0	-1.04	+	0.6	1.3/24.7	29606
2002 JS ₁₂₄	2003 07 25.2	20 16.49	-04 08.1	20.5	-0.86	-	4.8	4.9/28.6	48237
2000 AK ₁₈₇	2003 07 25.2	20 16.49	-19 34.9	17.9	-0.86	-	7.4	0.1/25.3	30348
2000 SY	2003 07 25.2	20 16.53	-31 53.0	18.7	-1.23	+	2.1	3.8/23.7	12245
1999 JJ ₁₁₃	2003 07 25.2	20 16.55	-16 56.7	17.5	-0.91	-	1.9	1.4/25.8	47782
2002 GX ₄₃	2003 07 25.2	20 16.56	-17 46.2	20.2	-0.89	-	2.6	0.7/25.6	48227
2000 SP ₁₇₉	2003 07 25.2	20 16.59	-38 10.6	19.9	-1.12	-	2.3	5.8/21.7	31337
1999 VR ₃₀	2003 07 25.2	20 16.60	-18 27.9	18.9	-0.82	-	2.7	0.4/25.5	12189
2000 SE ₂₂₈	2003 07 25.2	20 16.63	-12 51.2	19.1	-0.97	-	3.4	2.7/26.6	27718
2002 EX ₄₄	2003 07 25.2	20 16.63	-19 31.3	20.5	-1.02	-	3.0	0.1/25.3	30708
2002 GG ₁₄₉	2003 07 25.2	20 16.65	-10 59.6	19.5	-0.84	-	3.9	3.2/27.1	43228
2002 HM ₁₀	2003 07 25.2	20 16.69	-25 40.4	18.8	-0.92	-	3.2	2.1/24.1	30169
1999 VQ ₈₇	2003 07 25.2	20 16.71	-05 26.8	18.1	-0.82	-	4.0	6.1/28.0	47821
2002 CY ₁₆	2003 07 25.2	20 16.71	-26 53.2	18.0	-1.14	+	1.3	3.4/24.4	48198
1999 VZ ₂₈	2003 07 25.2	20 16.72	-23 52.3	18.1	-0.88	-	3.0	1.5/24.5	30331
2002 CW ₈₇	2003 07 25.2	20 16.74	-22 11.7	17.5	-0.90	-	1.3	1.3/24.9	41763
2002 JR ₅	2003 07 25.3	20 16.68	-19 33.7	19.1	-0.80	-	5.9	0.1/25.3	48232
4388 T-3	2003 07 25.3	20 16.70	-16 21.3	18.4	-0.85	-	5.9	1.4/26.1	30774
2002 EZ ₅	2003 07 25.3	20 16.86	-16 52.0	17.8	-0.81	-	4.5	1.0/26.0	31976
1998 GE ₆	2003 07 25.3	20 16.90	-37 34.3	19.1	-1.07	-	5.8	6.6/21.3	30267
2000 WM ₉₅	2003 07 25.3	20 16.90	-15 56.4	17.2	-1.02	+	0.4	2.1/25.9	12255
2000 GF ₁₃₃	2003 07 25.3	20 16.91	+19 05.5	18.7	-1.08	-	5.9	17.6/04.8	31908
1999 VP ₁₈₃	2003 07 25.3	20 16.93	-18 48.3	19.7	-0.85	-	3.1	0.3/25.5	47825
2000 SP ₇₉	2003 07 25.3	20 16.99	-10 38.3	18.6	-0.96	-	5.5	3.9/27.3	30390
2001 DN ₉₅	2003 07 25.3	20 17.03	+07 30.3	20.0	-0.72	-	3.3	7.2/31.6	48013
2000 SR ₁₂₇	2003 07 25.3	20 17.03	-00 38.6	19.4	-0.93	-	5.0	7.6/29.4	47951
1999 TH ₂₄₀	2003 07 25.3	20 17.10	-15 09.6	19.0	-0.85	-	4.2	1.6/26.3	33114
2000 WJ ₁₀₄	2003 07 25.4	20 17.08	-16 56.1	17.6	-0.98	-	6.4	1.3/26.0	30428
1995 XN ₄	2003 07 25.4	20 17.10	-06 44.2	20.3	-0.84	-	2.3	4.1/27.9	9043
1998 HV ₄₆	2003 07 25.4	20 17.12	-03 19.2	18.7	-0.85	-	4.7	6.2/29.1	30269
2002 FQ ₂₆	2003 07 25.4	20 17.13	-41 36.9	20.6	-1.20	-	0.8	8.0/21.8	30110
3161 T-3	2003 07 25.4	20 17.14	-19 25.6	19.3	-1.00	-	4.0	0.1/25.5	30774
2002 EB ₈₈	2003 07 25.4	20 17.15	-26 38.2	20.7	-0.98	-	3.3	2.4/24.1	30040
1999 ST ₂₁	2003 07 25.4	20 17.18	+00 01.7	19.2	-0.88	-	0.5	7.0/28.8	30317
2002 GK ₁₅₃	2003 07 25.4	20 17.26	-26 28.2	18.8	-0.83	-	4.8	2.0/24.0	31602
2002 GB ₄₄	2003 07 25.4	20 17.29	-12 32.3	19.4	-0.86	-	2.9	2.6/26.8	33546
2002 HV ₉	2003 07 25.4	20 17.34	-10 55.3	19.5	-0.85	-	3.7	3.2/27.2	30168
2000 SU ₉₅	2003 07 25.4	20 17.37	-12 16.8	19.1	-1.02	-	2.8	3.1/26.8	30391
1999 ST ₂₆	2003 07 25.4	20 17.37	-19 55.0	18.6	-0.91	-	6.2	0.1/25.4	31864
2002 GZ ₃	2003 07 25.4	20 17.41	-58 23.9	21.8	-1.55	-	1.0	10.8/17.6	31990
2000 ST ₇₉	2003 07 25.4	20 17.43	-29 23.3	19.4	-1.14	-	3.1	3.9/23.7	47947
2002 AH ₉₉	2003 07 25.4	20 17.48	-24 34.5	18.3	-1.09	-	1.3	2.0/24.7	27807

1998 HS ₁₄₄	2003 07 25.4	20 17.51	+02 53.5	18.4	-0.87	- 1.9	8.3/29.9	30270
2002 DO ₁₇	2003 07 25.4	20 17.52	-19 23.7	19.3	-0.88	- 5.2	0.1/25.6	48215
1999 VY ₁₃₃	2003 07 25.4	20 17.54	-20 35.0	20.5	-0.86	- 2.5	0.3/25.3	19464
2002 AN ₁₆₀	2003 07 25.5	20 17.48	-16 51.5	20.3	-1.04	- 3.1	1.0/26.0	48192
2001 DW ₁₀₅	2003 07 25.5	20 17.50	-09 51.3	19.0	-0.80	- 1.6	3.0/27.3	31941
2002 GT ₂₃	2003 07 25.5	20 17.52	-25 29.2	20.2	-0.99	- 2.6	1.9/24.4	48227
2000 YL ₄₁	2003 07 25.5	20 17.54	-19 10.2	18.9	-0.87	- 5.7	0.2/25.6	31372
2002 EB ₂₆	2003 07 25.5	20 17.56	-18 45.6	17.8	-0.93	- 1.3	0.4/25.7	33969
1999 VV ₃₅	2003 07 25.5	20 17.60	-08 08.2	17.7	-0.86	- 0.9	5.0/27.4	38110
1993 TC ₁₆	2003 07 25.5	20 17.60	-15 23.3	19.4	-0.80	- 3.2	1.2/26.4	8004
2002 CB ₂₁₁	2003 07 25.5	20 17.61	-24 16.7	20.1	-1.14	- 3.0	1.9/24.7	29864
1999 RD ₁₀₄	2003 07 25.5	20 17.64	-12 46.3	18.4	-0.96	+ 1.0	2.8/26.5	30308
2002 GA ₄₂	2003 07 25.5	20 17.70	-28 43.5	19.3	-1.00	- 1.7	3.4/23.9	31514
2001 AN ₂₉	2003 07 25.5	20 17.75	-25 08.9	19.1	-1.05	- 3.0	2.1/24.5	33352
2000 WE ₁₅₇	2003 07 25.5	20 17.80	-29 14.4	20.0	-1.00	- 3.0	3.0/23.7	9883
2002 AX ₁₀₂	2003 07 25.5	20 17.81	-25 22.5	18.8	-1.06	- 3.4	2.3/24.5	30615
2002 CY ₁₅₇	2003 07 25.5	20 17.88	-22 04.8	20.6	-1.05	- 4.6	1.0/25.1	48207
2000 QG ₈₁	2003 07 25.5	20 17.92	-09 51.5	19.2	-1.00	- 5.6	4.0/27.7	26989
2002 CH ₁₀₁	2003 07 25.5	20 17.93	-17 14.1	18.7	-1.01	- 7.1	1.0/26.1	29814
2002 AY ₁₈₁	2003 07 25.5	20 17.94	-22 39.3	18.1	-1.47	+ 5.3	1.4/25.4	30627
2002 CF ₆₀	2003 07 25.5	20 17.94	-26 02.3	19.3	-1.09	- 1.9	2.8/24.5	31449
2000 UZ ₇₃	2003 07 25.6	20 17.87	-23 33.1	18.7	-1.01	- 4.5	1.5/24.8	31919
1999 JF ₃₅	2003 07 25.6	20 17.95	-15 36.2	18.3	-0.91	- 2.7	2.0/26.4	47779
2001 FK ₁₅₈	2003 07 25.6	20 18.03	-20 03.0	18.4	-1.02	- 2.5	0.1/25.6	16094
2001 CV ₃₂	2003 07 25.6	20 18.10	-33 38.0	20.2	-0.88	- 7.1	3.6/22.2	48009
2002 EK ₆₇	2003 07 25.6	20 18.15	-21 23.4	19.1	-0.94	- 1.8	0.6/25.4	30007
2000 SL ₂₉₀	2003 07 25.6	20 18.17	-20 15.8	20.3	-1.03	- 2.5	0.2/25.6	30404
2002 GN ₃₈	2003 07 25.6	20 18.17	-17 49.4	20.1	-0.92	- 3.4	0.6/26.0	31511
2002 EJ ₂	2003 07 25.6	20 18.19	-18 19.9	21.2	-1.02	- 3.4	0.5/25.9	48215
1998 FJ ₁₆	2003 07 25.6	20 18.25	-33 29.8	20.5	-1.08	- 2.4	5.0/23.1	47725
2002 JO ₂₅	2003 07 25.6	20 18.26	-39 49.0	19.5	-0.92	- 3.9	5.9/21.1	31642
2002 AF ₅₂	2003 07 25.6	20 18.29	-15 34.7	20.2	-1.07	- 3.7	1.7/26.4	41763
1999 JS ₇₀	2003 07 25.6	20 18.30	-30 05.4	17.6	-1.02	- 6.6	4.8/23.3	47780
2000 AJ ₂₀	2003 07 25.7	20 18.26	-29 16.1	21.0	-0.87	- 4.8	2.8/23.5	18224
2001 BK ₅₉	2003 07 25.7	20 18.29	-21 47.9	18.3	-0.91	+ 0.6	0.7/25.4	10718
1999 XL ₄₉	2003 07 25.7	20 18.32	-06 54.0	18.6	-0.84	- 0.4	4.5/27.9	47829
2000 CU ₂₉	2003 07 25.7	20 18.38	-27 36.9	18.5	-1.05	+ 0.7	2.8/24.5	35510
2000 WX ₈₇	2003 07 25.7	20 18.39	-17 49.9	18.5	-1.03	+ 0.8	0.6/26.0	11002
2002 ER ₂₉	2003 07 25.7	20 18.42	-18 46.7	19.3	-0.83	- 3.2	0.3/25.9	48217
2002 CL ₁₁₆	2003 07 25.7	20 18.44	-22 27.1	19.7	-0.99	- 6.7	1.0/25.1	30662
1999 VJ ₂₁₃	2003 07 25.7	20 18.50	-05 08.1	19.6	-0.73	- 2.9	3.9/28.8	47826
2000 XF ₄₉	2003 07 25.7	20 18.52	-32 09.4	19.2	-0.96	- 4.6	3.9/23.0	11011
2002 CO ₁₀₂	2003 07 25.7	20 18.52	-18 11.2	19.9	-0.90	- 4.5	0.5/26.1	48203
1999 XB ₃	2003 07 25.7	20 18.55	-15 59.9	19.3	-0.81	- 3.3	1.2/26.5	33842
1999 RG ₂₅	2003 07 25.7	20 18.55	-29 29.4	19.2	-1.04	- 1.2	3.5/24.0	12150
1997 WS ₂	2003 07 25.7	20 18.63	-24 02.5	18.2	-1.06	- 5.0	2.1/24.9	27591
2000 WF ₁₂₆	2003 07 25.7	20 18.65	-34 22.5	19.3	-1.07	- 3.6	6.7/22.7	47991
2002 EY ₈₈	2003 07 25.7	20 18.66	-22 48.4	19.6	-0.96	- 4.0	1.2/25.1	30043
1999 TC ₁₀₇	2003 07 25.7	20 18.67	-16 47.9	18.2	-0.99	+ 0.2	1.1/26.2	31867
2002 EC ₉₆	2003 07 25.7	20 18.69	-40 54.0	20.2	-1.24	+ 0.8	8.0/22.5	30720
2002 EB ₇₆	2003 07 25.7	20 18.69	-15 06.4	19.9	-0.88	- 3.1	1.6/26.7	30025

2002 EW ₈₅	2003 07 25.7	20 18.73	-19 25.7	19.6	-0.98	- 4.3	0.1/25.8	48221
1999 XT ₉₆	2003 07 25.8	20 18.68	+00 00.2	18.5	-0.76	- 0.1	5.0/29.2	5672
1999 RE ₂₁₂	2003 07 25.8	20 18.72	+11 54.9	19.5	-0.86	- 1.5	14.1/31.2	1466
2001 AV ₅₀	2003 07 25.8	20 18.73	-21 05.7	19.7	-0.82	- 6.0	0.5/25.5	30446
2002 JG ₁₄₂	2003 07 25.8	20 18.77	-28 37.9	19.7	-0.96	- 2.9	3.0/24.1	31752
2000 SO ₁₁₁	2003 07 25.8	20 18.80	-22 34.1	18.3	-1.02	- 3.8	1.1/25.3	31914
2000 DP ₃₂	2003 07 25.8	20 18.86	-29 30.8	18.4	-1.01	0.0	3.3/24.2	15063
1999 JH ₁₄	2003 07 25.8	20 18.89	-47 32.4	19.4	-1.38	- 5.2	9.4/19.7	30295
2000 VU ₂₇	2003 07 25.8	20 18.90	-19 07.4	18.3	-0.93	- 4.3	0.2/26.0	31921
2002 CL ₄₆	2003 07 25.8	20 18.98	-16 55.0	19.2	-0.98	- 1.0	1.0/26.3	30645
2000 XE ₁₀	2003 07 25.8	20 18.99	-25 17.7	16.7	-1.21	+ 3.7	2.7/25.2	33888
2001 DS ₉	2003 07 25.8	20 19.00	-28 23.1	19.6	-0.81	- 3.7	2.5/24.0	48010
2000 WO ₅₇	2003 07 25.8	20 19.01	-22 05.6	18.8	-1.05	- 5.0	1.0/25.4	33310
2002 AC ₁₆₆	2003 07 25.8	20 19.10	-12 58.4	20.0	-0.94	- 6.0	2.7/27.4	48193
1999 WK ₁₇	2003 07 25.8	20 19.12	-23 05.1	19.8	-0.94	- 2.5	1.3/25.2	47827
2000 WT	2003 07 25.8	20 19.13	-36 26.4	19.3	-1.49	+ 2.7	6.6/23.7	9866
2000 SG ₂₆₁	2003 07 25.9	20 19.12	-10 52.1	18.1	-0.98	- 4.6	3.8/27.7	29400
2002 FL ₈	2003 07 25.9	20 19.13	-14 59.9	18.5	-0.96	- 0.8	2.0/26.7	30099
2002 JB ₄₀	2003 07 25.9	20 19.17	-03 44.6	19.8	-0.91	- 2.2	5.2/29.0	32020
1999 RP ₁₃₅	2003 07 25.9	20 19.18	-23 28.2	19.0	-0.98	- 3.1	1.6/25.2	17035
2002 CJ ₇₆	2003 07 25.9	20 19.20	-19 29.8	20.4	-0.92	- 4.5	0.0/26.0	37746
2000 YY ₁₂₀	2003 07 25.9	20 19.22	-36 00.5	20.5	-1.03	- 5.7	5.3/22.1	33348
2000 UV ₉₆	2003 07 25.9	20 19.24	-27 47.0	20.1	-1.11	- 2.6	3.3/24.4	31920
2000 WR ₁₆₁	2003 07 25.9	20 19.33	-01 22.7	19.8	-0.84	- 3.3	5.6/29.7	31927
2000 VE ₄₆	2003 07 25.9	20 19.37	-04 46.6	19.9	-0.88	- 1.4	4.6/28.7	31921
2002 EA ₅₃	2003 07 25.9	20 19.37	-22 01.0	20.2	-0.93	- 3.5	0.9/25.5	48219
1999 LC ₈	2003 07 25.9	20 19.38	-36 32.2	17.9	-0.88	-13.6	8.4/20.2	27625
2002 EK ₉₁	2003 07 25.9	20 19.40	-23 27.9	20.5	-1.03	- 3.4	1.4/25.2	48221
1999 RT ₁₉₅	2003 07 25.9	20 19.43	-21 02.9	18.0	-1.10	+ 4.4	0.7/25.8	36473
1999 XV ₂₄₅	2003 07 25.9	20 19.46	-20 33.7	18.4	-0.82	- 6.5	0.3/25.8	11733
1999 TW ₅₅	2003 07 25.9	20 19.46	-25 15.4	19.6	-0.84	- 2.5	1.6/24.9	31866
2002 GT ₉₆	2003 07 26.0	20 19.45	-20 09.1	19.9	-0.92	- 2.2	0.2/25.9	48229
1999 VS ₁₇₈	2003 07 26.0	20 19.53	-09 19.5	18.5	-0.85	- 5.1	4.0/28.0	2688
2002 BN ₁₂	2003 07 26.0	20 19.54	-19 38.1	19.8	-1.07	- 4.5	0.0/26.0	48195
1999 VX ₄₂	2003 07 26.0	20 19.55	-20 58.9	21.7	-0.79	- 3.2	0.4/25.7	38112
2000 VN ₂₄	2003 07 26.0	20 19.57	-22 12.7	18.2	-0.98	- 3.1	1.4/25.5	47984
2002 AL ₁₅₉	2003 07 26.0	20 19.58	-18 23.8	18.4	-0.97	- 3.2	0.5/26.3	27814
2000 SR ₈₄	2003 07 26.0	20 19.59	-31 17.9	18.6	-1.11	- 2.8	5.0/23.9	30390
1999 XO ₂₃₆	2003 07 26.0	20 19.63	-25 44.8	18.5	-0.94	- 0.4	2.1/25.0	12221
2002 FL ₃₄	2003 07 26.0	20 19.65	-16 23.9	19.6	-0.88	- 3.0	1.1/26.7	31494
1998 QX ₂₇	2003 07 26.0	20 19.73	-22 41.7	18.3	-0.92	- 0.2	1.1/25.5	30273
2000 SZ ₂₅₉	2003 07 26.0	20 19.76	-16 18.0	19.6	-1.00	- 2.9	1.2/26.7	38286
1999 JK ₅₀	2003 07 26.0	20 19.81	-25 44.1	17.9	-1.02	- 6.6	2.6/24.7	35470
2002 AW ₃₂	2003 07 26.0	20 19.81	+02 37.5	19.7	-1.09	+ 1.4	7.9/29.4	30607
1999 TS ₁₉₇	2003 07 26.0	20 19.88	-37 31.7	20.8	-0.90	- 2.6	4.5/22.3	2668
1999 RF ₁₀₁	2003 07 26.0	20 19.89	-12 25.5	19.2	-1.01	+ 1.4	2.8/27.1	8095
1999 TN ₁₅₁	2003 07 26.0	20 19.91	+02 08.3	18.2	-0.77	- 5.1	9.0/31.3	47808
2001 WX ₄	2003 07 26.0	20 19.91	-59 07.8	20.8	-1.87	- 6.9	18.6/14.5	23929
2002 GK ₃	2003 07 26.1	20 19.86	+12 47.4	20.6	-0.85	- 3.1	10.9/02.7	30121
2000 RC ₅₆	2003 07 26.1	20 19.86	-22 45.3	18.6	-1.11	- 0.7	1.3/25.6	30382
1992 BG ₄	2003 07 26.1	20 19.87	-23 03.9	19.6	-1.07	- 5.9	1.5/25.4	27577

2003 AUG. 6

M.P.C. 49313

1999 JW₂₂ 2003 07 26.1 20 20.01 -27 08.2 18.1 -1.07 - 3.1 3.4/24.7 35469
 2002 HS₁₃ 2003 07 26.1 20 20.04 -01 51.5 18.9 -0.87 -12.0 6.4/31.3 38335
 1999 RX₁₃₆ 2003 07 26.1 20 20.04 -34 35.1 17.6 -1.20 + 3.2 6.4/24.3 30310
 2000 WK₁₂₀ 2003 07 26.1 20 20.04 -27 02.2 19.6 -1.02 - 2.6 2.6/24.7 9879
 1996 XJ₁₈ 2003 07 26.1 20 20.05 -18 58.6 19.7 -0.86 - 7.6 0.2/26.3 31808
 1998 MH₃ 2003 07 26.1 20 20.07 +22 41.6 18.9 -0.93 + 2.1 14.7/03.1 30272
 1998 SG₆₈ 2003 07 26.1 20 20.08 +01 24.4 18.8 -0.79 - 0.3 6.9/29.9 47746
 2001 VM₉₈ 2003 07 26.1 20 20.08 -30 32.6 18.4 -1.30 -20.6 4.9/22.6 30547
 1998 RG₆₇ 2003 07 26.1 20 20.10 -18 38.1 17.6 -0.84 - 1.5 0.3/26.3 31827
 2002 AJ₁₀₀ 2003 07 26.1 20 20.19 -25 32.3 19.0 -0.99 - 6.9 2.8/24.8 48189
 2000 UW₁₀₃ 2003 07 26.1 20 20.19 -23 12.2 19.1 -1.07 - 1.3 1.4/25.6 33294
 1999 TF₂₉₇ 2003 07 26.1 20 20.19 -20 53.2 18.4 -0.86 - 3.7 0.5/25.9 31872
 2000 WR₈₀ 2003 07 26.1 20 20.19 -23 59.2 20.1 -0.95 - 2.8 1.4/25.3 46517
 2002 CH₃₇ 2003 07 26.1 20 20.20 -17 26.8 19.6 -1.02 - 5.5 0.9/26.6 30643
 1998 UH 2003 07 26.1 20 20.20 -38 45.5 16.5 -1.45 + 8.5 8.3/24.8 47752
 2002 JC₈₄ 2003 07 26.1 20 20.24 -05 22.0 20.0 -0.76 - 1.9 4.3/29.0 31719
 1998 DS₂₅ 2003 07 26.1 20 20.27 -21 53.8 16.9 -0.91 - 4.8 1.2/25.7 47724
 2002 AT₁₆₂ 2003 07 26.2 20 20.24 -14 47.7 19.4 -0.97 - 4.4 1.8/27.2 30624
 2002 ER₁₄₆ 2003 07 26.2 20 20.26 -22 11.1 20.0 -0.97 - 3.6 0.9/25.7 48224
 2000 RV₆₆ 2003 07 26.2 20 20.27 -20 53.9 18.9 -1.05 - 5.6 0.5/25.9 33247
 2000 UM₉₈ 2003 07 26.2 20 20.28 -30 05.4 18.8 -1.09 - 2.8 4.1/24.2 31920
 2000 QO₁₅₀ 2003 07 26.2 20 20.34 -17 21.7 17.3 -1.10 - 0.2 1.0/26.5 29256
 2002 CA₆ 2003 07 26.2 20 20.38 -19 11.8 19.3 -1.01 - 2.6 0.1/26.3 48197
 4134 T-1 2003 07 26.2 20 20.38 -18 17.1 18.2 -0.98 - 4.3 0.5/26.5 30772
 1999 CH₁₁₇ 2003 07 26.2 20 20.44 -14 30.0 17.3 -1.09 - 0.1 2.4/27.0 47769
 2000 ST₁₀₂ 2003 07 26.2 20 20.44 -12 39.9 19.0 -1.04 - 3.6 3.1/27.5 13753
 2000 WW₁₃₄ 2003 07 26.2 20 20.46 -21 02.8 19.1 -1.08 - 0.8 0.6/26.0 47992
 2002 BG₁ 2003 07 26.2 20 20.48 -23 45.0 19.8 -1.05 - 3.9 1.6/25.4 48195
 1999 VN₃₁ 2003 07 26.2 20 20.50 -16 16.4 18.5 -0.93 - 3.0 1.4/26.9 47819
 2000 YK₁₈ 2003 07 26.2 20 20.53 -09 26.1 20.7 -0.95 - 2.7 3.3/28.0 47998
 1999 TX₂₅₃ 2003 07 26.2 20 20.54 -11 27.1 20.1 -0.86 - 3.2 3.0/27.9 47812
 1999 VN₂₀₃ 2003 07 26.2 20 20.56 -21 34.7 18.7 -0.87 - 0.6 0.6/25.9 47826
 1999 VW₁₆₂ 2003 07 26.2 20 20.59 -39 13.1 18.3 -0.96 - 2.4 6.0/22.3 31878
 2002 JK₂₃ 2003 07 26.2 20 20.61 -06 40.8 20.3 -0.82 - 3.0 3.9/28.9 48233
 1999 UF₈ 2003 07 26.2 20 20.69 -21 14.5 21.1 -0.80 - 2.6 0.5/26.0 14376
 1999 TO₂₂₅ 2003 07 26.2 20 20.70 -17 35.6 19.6 -0.90 - 2.6 0.7/26.7 47811
 2000 SR₈₁ 2003 07 26.3 20 20.66 -24 44.6 18.6 -1.04 - 3.6 2.0/25.3 30390
 2000 YN₄₃ 2003 07 26.3 20 20.67 -21 32.4 18.7 -0.88 - 6.2 0.7/25.8 31930
 2002 AZ₁₂₇ 2003 07 26.3 20 20.71 -18 41.1 20.8 -1.05 - 3.5 0.3/26.5 48191
 2001 YV 2003 07 26.3 20 20.71 -35 41.8 19.5 -1.15 - 2.4 5.7/23.4 30592
 2000 WA₅₉ 2003 07 26.3 20 20.71 -08 01.7 18.1 -0.84 - 0.3 3.5/28.3 30426
 2002 JE₁₀₀ 2003 07 26.3 20 20.75 +09 45.2 19.8 -0.78 - 0.1 7.5/01.2 34003
 2002 GW₁₇₄ 2003 07 26.3 20 20.79 -27 43.9 19.5 -0.94 - 4.9 3.0/24.5 35190
 2002 EP₁₀₁ 2003 07 26.3 20 20.82 -30 37.9 19.2 -0.97 - 3.8 3.6/24.1 33971
 2001 XL₁₀₅ 2003 07 26.3 20 20.83 -34 00.3 18.9 -1.34 -17.9 6.6/21.8 26077
 1999 TH₆₂ 2003 07 26.3 20 20.92 -33 38.0 19.2 -0.93 - 3.0 4.6/23.4 31276
 2002 GM₁₄₄ 2003 07 26.3 20 20.92 -35 08.0 17.8 -0.89 - 9.0 6.0/21.9 48231
 2000 YN₁₀₈ 2003 07 26.3 20 20.93 -21 22.5 20.0 -0.96 - 2.4 0.6/26.0 48001
 2001 BX₈ 2003 07 26.3 20 20.94 -20 46.8 19.3 -0.78 - 4.3 0.4/26.1 38289
 1999 TP₃₄ 2003 07 26.3 20 20.95 -45 24.7 19.2 -1.22 - 2.2 11.8/20.0 1475
 2002 CA₁₂ 2003 07 26.3 20 20.99 -28 40.3 19.8 -1.19 - 1.7 3.8/24.8 27825

1995 BM₂ 2003 07 26.3 20 21.00 +08 26.3 19.9 -1.03 - 0.4 9.3/31.7 47695
 2002 CW₂₃₃ 2003 07 26.3 20 21.00 -24 29.5 20.3 -0.99 - 1.8 1.9/25.5 48211
 1998 FK₇₀ 2003 07 26.3 20 21.04 -08 06.2 19.2 -0.88 - 4.6 3.7/28.9 31813
 2000 SM₆₃ 2003 07 26.3 20 21.06 -13 14.4 18.3 -0.77 - 7.2 3.5/28.0 47945
 1998 HA₁₂ 2003 07 26.3 20 21.07 -21 32.8 18.7 -0.96 - 2.3 0.8/26.0 38185
 2000 RN₇₁ 2003 07 26.3 20 21.10 -12 03.8 18.2 -0.96 - 5.8 3.1/28.0 47936
 2000 AF₂₄₅ 2003 07 26.4 20 21.07 -05 05.0 19.0 -0.73 - 6.4 4.2/30.0 33860
 1999 TX₃₇ 2003 07 26.4 20 21.14 -08 36.2 18.3 -0.91 - 0.9 4.3/28.0 30319
 2000 VV₂₈ 2003 07 26.4 20 21.15 -09 56.1 18.8 -0.95 - 4.1 4.5/28.0 31921
 2001 ED₁ 2003 07 26.4 20 21.21 -24 30.2 18.9 -0.81 - 4.4 1.4/25.3 31941
 2000 QQ₁₇₀ 2003 07 26.4 20 21.25 -10 55.3 19.0 -1.02 - 4.1 3.8/28.0 30373
 2000 VR₂₇ 2003 07 26.4 20 21.27 -38 25.9 19.1 -1.01 - 4.5 5.6/22.2 31921
 2002 AT₅₈ 2003 07 26.4 20 21.28 -15 44.9 18.6 -0.98 - 3.5 1.5/27.2 30610
 2002 ER₆₄ 2003 07 26.4 20 21.33 -22 35.0 19.2 -0.99 - 1.8 1.2/25.9 31978
 1999 TJ₁₄₉ 2003 07 26.4 20 21.33 -06 44.0 18.6 -0.80 - 5.2 5.0/29.5 47807
 2002 EQ₇₀ 2003 07 26.4 20 21.40 -16 28.8 20.1 -0.83 - 3.3 1.0/27.1 31471
 1997 EM₂ 2003 07 26.4 20 21.43 -19 50.6 18.2 -1.01 + 0.8 0.1/26.4 30254
 2002 BV₁₁ 2003 07 26.4 20 21.45 -24 45.5 18.8 -1.01 - 6.2 2.0/25.3 30631
 1999 VT₁₈₇ 2003 07 26.4 20 21.47 -06 09.3 18.6 -0.77 - 2.9 6.0/29.2 46388
 1999 TL₁₃₁ 2003 07 26.5 20 21.42 -09 45.6 19.1 -0.85 - 3.4 3.7/28.5 31281
 2002 EX₄₆ 2003 07 26.5 20 21.47 -34 24.0 19.6 -1.10 - 3.6 5.1/23.5 30709
 1999 XS₁₀₆ 2003 07 26.5 20 21.51 +00 10.7 18.5 -0.87 - 0.1 7.6/29.8 1553
 1999 XP₁₁₁ 2003 07 26.5 20 21.51 +00 40.6 19.5 -0.84 - 2.1 6.7/30.4 1554
 1999 VD₁₅₉ 2003 07 26.5 20 21.52 -29 58.1 20.5 -0.83 - 2.4 2.6/24.4 13624
 1993 FF₂₃ 2003 07 26.5 20 21.52 -11 36.7 18.3 -0.96 - 3.8 4.1/28.1 23422
 2000 VN₅₉ 2003 07 26.5 20 21.63 -34 13.6 19.0 -1.09 - 1.9 4.6/23.7 12252
 1999 TC₂₁ 2003 07 26.5 20 21.68 -09 11.5 19.2 -0.86 - 2.2 3.9/28.5 33094
 1998 KN₁₀ 2003 07 26.5 20 21.68 +02 53.7 19.2 -0.81 - 4.4 8.4/31.8 47732
 2000 SE₁₈₆ 2003 07 26.5 20 21.71 -13 21.4 18.8 -0.96 - 4.2 3.0/28.0 47957
 2000 YX₇₂ 2003 07 26.5 20 21.72 -20 02.7 19.4 -0.93 - 4.6 0.2/26.4 33341
 2001 AZ₄₅ 2003 07 26.5 20 21.78 -49 44.4 19.6 -1.52 + 2.3 9.1/21.9 11029
 2002 GA₁₆₈ 2003 07 26.5 20 21.79 -55 03.6 19.1 -1.30 + 0.1 12.4/18.7 33994
 2000 VR₄₆ 2003 07 26.5 20 21.84 +04 08.2 18.6 -0.80 - 0.4 6.0/31.3 31921
 1999 VP₁₉₄ 2003 07 26.5 20 21.85 -15 40.2 17.5 -0.84 - 8.9 1.6/27.6 2690
 2002 JT₁₄₄ 2003 07 26.6 20 21.82 -01 23.5 20.0 -0.71 - 5.0 5.1/31.0 48237
 2000 AN₁₈₉ 2003 07 26.6 20 21.83 -15 45.7 19.5 -0.78 - 6.5 1.1/27.5 18226
 2002 GP₁₆₈ 2003 07 26.6 20 21.85 -14 17.2 20.2 -0.79 - 2.7 1.7/27.6 35186
 2002 EB₁₀₄ 2003 07 26.6 20 21.85 -09 52.1 18.5 -0.84 - 8.2 3.6/29.1 30061
 2002 JK₇₄ 2003 07 26.6 20 21.87 -11 36.2 18.0 -0.75 - 6.4 2.8/28.5 31707
 2002 EY₁₁₀ 2003 07 26.6 20 21.91 -29 08.9 20.1 -1.15 - 4.6 4.0/24.6 30067
 1993 TZ₁₅ 2003 07 26.6 20 21.97 -18 26.4 18.8 -0.83 - 3.2 0.4/26.8 35688
 2000 SH₁₆₆ 2003 07 26.6 20 21.98 -18 34.4 18.9 -1.08 - 0.8 0.4/26.8 30396
 4739 P-L 2003 07 26.6 20 21.99 -28 52.6 18.8 -1.12 - 1.7 4.2/24.9 30771
 2000 AK₁₀₄ 2003 07 26.6 20 21.99 -13 30.5 19.8 -0.77 - 3.5 1.7/27.9 47842
 1999 RB₄ 2003 07 26.6 20 22.03 -11 13.0 18.0 -0.76 - 4.6 4.1/28.5 47786
 2000 RM₁₁ 2003 07 26.6 20 22.04 -09 26.4 18.6 -0.91 - 5.0 4.5/28.8 47932
 2002 GE₉₄ 2003 07 26.6 20 22.06 -15 13.9 21.0 -0.92 - 2.9 1.3/27.5 31566
 6301 P-L 2003 07 26.6 20 22.08 -22 29.5 20.3 -1.05 - 3.0 1.1/26.1 30772
 1999 TH₂₃₂ 2003 07 26.6 20 22.09 -14 41.1 20.1 -0.91 - 6.1 1.6/27.7 18214
 2001 DB₉₅ 2003 07 26.6 20 22.11 -28 58.7 18.1 -1.05 - 4.2 4.0/24.6 33378
 2000 QM₁₄₀ 2003 07 26.6 20 22.16 -28 28.3 18.9 -1.17 - 2.0 3.8/25.1 29255

2000 QJ ₁₆₉	2003 07 26.6	20 22.22	-13 55.9	19.6	-1.07	- 3.1	2.4/27.7	47925
2000 SV ₃₀₈	2003 07 26.6	20 22.22	-11 34.8	18.0	-1.01	+ 0.3	3.8/28.0	47966
1995 SD	2003 07 26.6	20 22.25	-27 01.0	18.6	-0.97	- 3.8	3.3/25.1	36516
1999 VJ ₂₁₀	2003 07 26.6	20 22.26	-20 50.9	19.7	-0.79	- 4.3	0.4/26.4	47826
2000 XJ ₃₀	2003 07 26.6	20 22.28	-40 48.4	19.0	-1.14	- 3.9	8.0/21.9	29616
2002 CD ₁₂	2003 07 26.6	20 22.31	-42 08.5	19.8	-1.52	+ 3.0	8.1/24.0	27825
2002 EQ ₆₈	2003 07 26.7	20 22.21	-31 36.6	20.0	-1.02	- 0.8	4.4/24.6	31979
2000 VN ₇	2003 07 26.7	20 22.23	-09 32.9	19.9	-0.97	- 2.8	3.8/28.6	30419
2001 CC ₄₂	2003 07 26.7	20 22.31	-33 55.4	19.9	-0.84	- 4.5	3.8/23.4	12291
2000 UE ₈	2003 07 26.7	20 22.33	-22 26.8	20.0	-1.09	- 3.4	1.2/26.1	47975
2001 FD ₁₅	2003 07 26.7	20 22.38	-17 34.5	19.6	-0.72	- 2.7	0.5/27.1	48018
1999 XX ₂₀₃	2003 07 26.7	20 22.39	-26 50.9	19.5	-0.96	+ 0.3	2.2/25.5	22123
2002 GJ ₉₃	2003 07 26.7	20 22.40	-12 11.8	20.0	-0.88	- 3.2	2.4/28.2	31565
1992 EH	2003 07 26.7	20 22.41	+15 59.7	19.9	-1.04	-11.2	15.6/07.4	20673
2001 AE ₃₂	2003 07 26.7	20 22.42	-26 58.7	19.5	-0.97	- 5.0	2.7/25.1	30446
2002 AV ₁₂₉	2003 07 26.7	20 22.45	-52 45.8	19.9	-2.06	+ 4.7	15.9/22.6	27406
2000 PR	2003 07 26.7	20 22.49	-24 24.1	17.3	-0.98	- 6.2	2.6/25.6	47907
2002 GM ₇₃	2003 07 26.7	20 22.53	+03 39.8	20.0	-0.71	- 5.8	7.8/02.0	48228
1999 XU ₆₄	2003 07 26.7	20 22.58	-22 03.1	19.7	-0.80	- 2.9	0.7/26.2	12209
1999 RU ₁₉₀	2003 07 26.7	20 22.64	-21 32.2	19.8	-0.93	- 2.7	0.8/26.4	11553
1999 TP ₁₅₆	2003 07 26.7	20 22.67	-07 01.3	19.1	-0.85	- 3.3	4.3/29.3	47808
1999 JF ₃₄	2003 07 26.8	20 22.64	-23 18.6	19.1	-1.11	- 1.4	1.7/26.2	47779
1999 SN ₁₃	2003 07 26.8	20 22.66	-06 16.6	18.4	-0.77	- 2.9	6.0/29.6	47799
2000 HJ ₁₆₈	2003 07 26.8	20 22.71	-20 12.8	18.0	-1.07	- 1.2	0.3/26.7	47955
2000 XZ ₁₃	2003 07 26.8	20 22.72	-22 41.7	20.5	-0.93	- 4.0	1.1/26.1	29607
2000 UH ₈₅	2003 07 26.8	20 22.89	-30 56.0	19.9	-1.08	- 4.6	4.4/24.4	33292
2000 XT ₃₅	2003 07 26.8	20 22.90	-30 13.6	18.0	-1.10	- 0.5	5.0/25.0	30437
2000 WD ₈₈	2003 07 26.8	20 22.98	-11 51.3	19.0	-1.01	+ 0.8	2.4/28.0	12254
2000 HL ₆₉	2003 07 26.8	20 23.03	+26 04.7	18.7	-1.00	+ 1.9	23.9/08.4	2776
2000 SO ₉₂	2003 07 26.8	20 23.05	-14 12.3	18.2	-1.13	+ 0.7	2.2/27.6	47948
2002 GD ₁₆₃	2003 07 26.8	20 23.06	-23 45.7	20.6	-1.01	- 3.7	1.5/26.0	33993
2000 TO ₆₇	2003 07 26.8	20 23.08	-13 25.2	18.8	-0.95	- 2.4	3.0/28.0	47974
2000 XK ₃₉	2003 07 26.9	20 22.99	-39 12.2	18.1	-1.19	- 1.2	7.7/23.1	47997
2000 WF ₄₈	2003 07 26.9	20 23.01	-19 26.7	17.9	-1.01	- 6.2	0.0/26.9	9872
2002 CQ ₉₅	2003 07 26.9	20 23.02	-19 06.3	20.8	-1.02	- 3.7	0.1/27.0	48203
1999 XK ₄₈	2003 07 26.9	20 23.04	-30 37.8	19.7	-0.94	- 5.0	3.7/24.3	38141
2000 SB ₁₁₉	2003 07 26.9	20 23.05	-28 52.3	18.1	-0.97	- 3.5	5.1/24.9	47951
1999 VE ₁₉₂	2003 07 26.9	20 23.07	-35 15.9	19.7	-0.94	- 3.7	5.2/23.4	34815
2001 DH ₄₉	2003 07 26.9	20 23.07	-29 19.6	19.4	-0.82	- 2.8	2.6/24.9	13257
2002 GR ₁₇₀	2003 07 26.9	20 23.09	-24 35.1	19.4	-0.96	- 1.5	1.9/26.0	33559
2000 XW ₂₀	2003 07 26.9	20 23.11	-20 01.4	19.3	-0.95	- 1.2	0.2/26.8	9889
2000 XQ ₃₈	2003 07 26.9	20 23.11	-51 53.6	16.8	-1.32	-11.4	12.6/15.2	30437
1999 WO ₂₀	2003 07 26.9	20 23.13	-20 48.5	18.9	-0.76	- 3.8	0.4/26.6	33842
1999 WT ₁₆	2003 07 26.9	20 23.14	-35 45.7	19.0	-1.05	- 2.9	6.0/23.5	30337
1999 TU ₂₁₂	2003 07 26.9	20 23.19	-34 22.7	18.9	-1.02	- 0.3	6.3/24.4	47810
1995 XE ₄	2003 07 26.9	20 23.22	-21 36.8	19.9	-0.87	- 4.6	0.7/26.5	30250
1999 TS ₁₉₈	2003 07 26.9	20 23.23	-35 45.8	19.5	-0.93	- 2.2	4.8/23.6	30325
1999 RV ₅₆	2003 07 26.9	20 23.26	-01 00.3	18.1	-0.71	-10.0	8.5/01.6	47789
2000 QT ₃₃	2003 07 26.9	20 23.26	-25 22.5	18.0	-1.21	+ 0.3	2.8/26.1	27676
2000 SP ₁₇₆	2003 07 26.9	20 23.27	-09 53.8	18.5	-1.02	+ 0.3	4.9/28.0	13766
2000 TQ ₂₆	2003 07 26.9	20 23.35	-31 56.1	19.8	-1.08	- 3.9	4.4/24.4	47971

2002 GW ₁₀₂	2003 07 26.9	20 23.43	-14 19.2	19.3	-0.84	- 5.8	1.7/28.2	33552
1998 DR ₃₃	2003 07 26.9	20 23.45	-05 52.0	19.8	-0.88	- 6.5	4.6/30.3	30261
2000 SG ₁₁₅	2003 07 26.9	20 23.47	-04 15.9	18.4	-0.93	- 4.6	5.8/30.3	31914
2000 XG ₁₃	2003 07 27.0	20 23.39	-22 14.7	19.2	-1.05	- 4.1	1.3/26.4	33328
2000 UU	2003 07 27.0	20 23.41	-11 22.6	18.7	-1.00	- 2.8	3.7/28.0	30410
1999 XN ₄₅	2003 07 27.0	20 23.44	-13 39.8	20.4	-0.79	- 2.3	1.6/28.1	13038
2002 AD ₅₉	2003 07 27.0	20 23.45	-15 44.4	17.3	-0.83	- 9.4	1.9/28.0	48187
1986 QD ₁	2003 07 27.0	20 23.46	-16 39.2	18.1	-1.00	- 8.3	1.2/27.7	47681
2002 EV ₁₉	2003 07 27.0	20 23.48	-13 57.3	19.4	-0.87	- 5.8	2.0/28.3	29952
2000 ED ₇₀	2003 07 27.0	20 23.59	-09 31.4	19.0	-0.61	- 2.9	2.2/29.2	47865
2002 AY ₁₀₉	2003 07 27.0	20 23.60	-21 08.7	18.2	-1.01	- 3.9	0.8/26.7	33958
2000 WD ₁₃₈	2003 07 27.0	20 23.65	-21 33.8	20.3	-1.03	- 3.4	0.8/26.6	33320
1998 QA ₇₀	2003 07 27.0	20 23.66	-04 28.7	18.1	-0.80	- 1.1	5.3/29.8	33029
2000 NS ₁₃	2003 07 27.0	20 23.68	-15 02.0	17.3	-1.13	- 0.7	2.1/27.7	30357
2000 YR ₁₁₆	2003 07 27.0	20 23.69	-20 36.1	18.1	-0.78	- 7.1	0.4/26.7	33890
1999 RM ₂₃₁	2003 07 27.0	20 23.73	-37 48.4	18.2	-1.05	- 2.9	5.9/23.2	31863
1998 RQ ₄₅	2003 07 27.0	20 23.75	+13 02.2	19.1	-0.73	- 5.5	9.7/04.6	47739
2000 AU ₂₁₄	2003 07 27.0	20 23.76	-28 54.6	19.0	-0.86	- 4.9	2.9/24.9	31320
2002 GH ₁₅	2003 07 27.0	20 23.77	-26 41.4	19.9	-1.00	- 3.4	2.8/25.6	48226
1993 PU ₄	2003 07 27.0	20 23.77	-06 39.5	18.5	-0.76	- 5.6	4.7/30.1	47687
2000 WS ₁₁₆	2003 07 27.0	20 23.78	-23 33.9	19.8	-1.03	- 3.2	1.6/26.3	31925
1999 FA ₁₈	2003 07 27.0	20 23.78	-18 52.2	19.0	-0.99	- 4.3	0.2/27.2	25733
2000 UY ₃₈	2003 07 27.0	20 23.79	-11 18.0	19.9	-0.96	- 3.4	3.1/28.7	29456
2001 BA ₄₁	2003 07 27.0	20 23.85	-15 19.4	19.7	-0.90	- 1.1	1.3/27.8	11035
2002 CK ₁₅₉	2003 07 27.0	20 23.88	-19 37.7	19.3	-1.04	- 4.6	0.1/27.0	48207
1997 AF ₁₄	2003 07 27.1	20 23.79	-27 46.4	18.8	-0.98	- 6.3	2.9/25.1	31808
2002 AE ₁₇	2003 07 27.1	20 23.83	-25 01.2	20.0	-1.08	- 1.7	2.0/26.1	30605
2000 WC ₁₈₈	2003 07 27.1	20 23.90	-12 01.7	18.6	-1.05	- 0.4	3.2/28.0	29600
2000 QD ₂₀	2003 07 27.1	20 23.90	-18 40.6	18.9	-1.08	- 5.0	0.3/27.3	47911
2000 YT ₆₂	2003 07 27.1	20 23.95	-20 07.6	17.9	-0.79	- 7.5	0.2/26.9	31931
2000 UJ ₁₀₈	2003 07 27.1	20 23.98	-27 17.5	18.2	-1.00	- 8.0	3.7/25.1	9857
2002 BF ₈	2003 07 27.1	20 24.02	-21 48.0	19.3	-1.00	- 5.4	1.0/26.6	30630
2000 VK ₁	2003 07 27.1	20 24.02	-12 26.1	18.5	-0.93	- 3.3	2.3/28.5	13794
2002 CS ₄	2003 07 27.1	20 24.03	-04 55.1	19.8	-0.96	-10.6	5.0/31.1	30635
2001 BL ₂₁	2003 07 27.1	20 24.07	-11 29.2	19.3	-0.75	- 4.7	2.4/29.0	31936
2002 BG ₁₆	2003 07 27.1	20 24.11	-04 39.5	18.3	-0.81	- 9.8	6.3/31.4	48196
2002 EV ₂	2003 07 27.1	20 24.14	-22 52.3	19.8	-1.05	- 3.2	1.3/26.5	48215
2002 CX ₅₇	2003 07 27.1	20 24.14	-18 55.4	19.4	-1.11	- 3.5	0.2/27.2	48201
1995 GP ₈	2003 07 27.1	20 24.14	-16 37.7	20.5	-1.01	- 3.7	1.0/27.7	33757
2000 SL ₃₇	2003 07 27.1	20 24.20	-15 27.6	19.6	-0.99	- 4.5	1.5/28.0	30387
1998 FX ₉₂	2003 07 27.1	20 24.20	-24 27.0	19.1	-0.96	- 4.0	2.3/26.1	47727
2000 UL ₅	2003 07 27.1	20 24.21	-15 18.0	18.8	-0.97	- 4.5	2.0/28.0	9842
2002 CJ ₁₄₆	2003 07 27.1	20 24.25	-17 57.4	20.2	-1.00	- 3.4	0.5/27.5	29842
2002 AP ₁₂₉	2003 07 27.1	20 24.33	-21 44.5	18.9	-1.70	+10.7	1.3/27.1	26134
1998 DM ₁₀	2003 07 27.2	20 24.18	-09 05.7	18.8	-0.95	- 4.2	4.0/29.3	30260
2000 RT ₆₇	2003 07 27.2	20 24.24	-11 43.4	19.9	-0.98	- 4.6	3.0/28.8	47936
2000 QU ₇₆	2003 07 27.2	20 24.24	-15 06.6	18.4	-1.02	- 4.8	1.9/28.1	27679
2000 YA ₅₅	2003 07 27.2	20 24.24	-23 16.1	19.3	-0.90	- 5.8	1.4/26.3	47999
1999 YZ ₆	2003 07 27.2	20 24.29	-28 48.6	19.9	-0.90	0.0	2.5/25.6	29204
2001 DP ₁₀₅	2003 07 27.2	20 24.30	-08 40.2	18.7	-0.73	- 7.6	3.0/30.0	31405
1993 TT ₃₈	2003 07 27.2	20 24.36	-18 04.9	17.2	-0.83	- 8.4	0.6/27.6	47689

2002 GV ₇₀	2003 07 27.2	20 24.37 +00 55.7 18.9	-0.85 - 4.6	8.1/31.7	31539
1996 TU ₂₆	2003 07 27.2	20 24.38 -26 43.3 18.9	-1.05 - 2.7	3.1/25.8	47705
2002 EW ₇₃	2003 07 27.2	20 24.40 -13 02.1 19.6	-0.87 - 3.2	2.2/28.5	48220
2000 SK ₃₀₄	2003 07 27.2	20 24.41 -19 55.5 18.4	-1.10 - 0.5	0.3/27.1	31917
2000 YE ₅₈	2003 07 27.2	20 24.43 -17 46.2 18.3	-0.98 - 3.7	0.7/27.6	33341
2000 YV ₅₄	2003 07 27.2	20 24.47 -21 17.8 18.3	-0.99 - 4.4	0.9/26.8	33340
2000 WN ₁₀₀	2003 07 27.2	20 24.49 -24 21.0 18.4	-1.02 - 5.4	2.5/26.1	47990
2001 XH ₄₂	2003 07 27.2	20 24.53 -13 14.6 18.3	-1.43 + 5.3	2.8/27.8	33505
2002 FB ₂₉	2003 07 27.2	20 24.56 -59 37.7 17.8	-1.41 + 0.8	14.0/18.8	33541
2000 VW ₂₄	2003 07 27.2	20 24.59 -17 45.5 19.9	-1.06 - 3.1	0.6/27.6	9861
2000 SC ₂₃₀	2003 07 27.2	20 24.61 -28 36.6 19.8	-1.06 - 3.0	3.4/25.5	30400
2002 AB ₁₁₃	2003 07 27.3	20 24.60 -24 04.9 18.2	-0.97 - 4.4	2.2/26.3	30616
2002 CA ₄	2003 07 27.3	20 24.63 -27 14.4 20.2	-1.02 - 3.4	2.9/25.7	48197
1998 LW ₁	2003 07 27.3	20 24.65 -27 34.3 18.3	-0.91 - 6.1	3.1/25.3	47732
2000 RH ₄₆	2003 07 27.3	20 24.65 -29 09.0 17.5	-1.13 0.0	5.2/25.7	30381
2001 YF ₁₁	2003 07 27.3	20 24.66 -16 28.6 19.7	-1.00 - 3.5	1.1/28.0	30593
2000 UY ₆₇	2003 07 27.3	20 24.70 -12 07.2 19.5	-1.09 - 0.6	2.9/28.4	13792
2002 AB ₁₃₀	2003 07 27.3	20 24.74 -50 40.4 19.7	-2.09 + 7.8	16.1/24.6	30619
1999 VL ₈₀	2003 07 27.3	20 24.79 -01 49.2 19.7	-0.94 - 1.7	7.4/30.3	1527
2000 SW ₈₅	2003 07 27.3	20 24.79 -17 30.1 19.2	-0.98 - 5.5	0.7/27.7	47948
2000 SA ₂₉₅	2003 07 27.3	20 24.84 -40 11.8 18.9	-1.14 - 2.1	6.9/23.2	29410
2002 FC ₂₂	2003 07 27.3	20 24.88 -61 28.0 20.2	-1.72 - 0.9	13.7/17.5	48225
1999 XN ₂₄₉	2003 07 27.3	20 25.04 -26 33.0 18.5	-0.86 - 6.3	2.4/25.6	17118
1998 SV ₁₁₄	2003 07 27.4	20 24.97 -19 24.0 17.9	-0.81 - 3.4	0.0/27.4	35458
2002 GA ₈₆	2003 07 27.4	20 24.97 -14 06.3 19.1	-0.82 - 4.9	1.8/28.6	31557
2002 CN ₃₀₇	2003 07 27.4	20 24.98 -24 10.3 19.9	-1.01 - 4.2	1.8/26.4	35572
2002 GX ₉₃	2003 07 27.4	20 25.01 -07 38.7 18.9	-0.86 - 1.9	3.9/29.7	31565
2000 UJ ₆₃	2003 07 27.4	20 25.04 -05 52.7 19.6	-0.99 - 1.8	5.9/29.8	47979
1999 PV ₁	2003 07 27.4	20 25.05 -32 54.1 18.4	-1.14 + 2.3	6.2/25.4	34768
2000 WJ ₁₅₅	2003 07 27.4	20 25.08 -23 27.7 18.4	-1.11 + 0.4	2.0/26.8	33323
2000 VQ ₁₁	2003 07 27.4	20 25.18 -09 51.8 20.1	-0.98 - 3.0	3.5/29.2	29500
2000 WT ₇₉	2003 07 27.4	20 25.20 -29 06.6 20.2	-1.02 - 3.6	3.3/25.4	31357
1999 RD ₁₃₇	2003 07 27.4	20 25.20 -26 28.5 18.5	-1.07 + 0.7	2.9/26.3	33821
2001 BZ ₆	2003 07 27.4	20 25.20 -20 37.7 18.2	-1.10 + 3.3	0.6/27.3	17532
2000 WS ₈₈	2003 07 27.4	20 25.22 -24 04.5 19.3	-0.95 - 0.7	1.4/26.6	13797
2000 XK ₂	2003 07 27.4	20 25.26 -11 16.2 18.9	-0.97 - 1.5	3.5/28.9	9887
2000 SQ ₂₁₂	2003 07 27.4	20 25.29 -23 34.2 19.0	-1.03 - 7.0	1.8/26.5	33266
2002 GZ ₇₄	2003 07 27.4	20 25.30 -24 21.0 21.0	-1.03 - 3.1	1.8/26.5	31544
1999 VH ₄₄	2003 07 27.4	20 25.31 -27 12.6 18.6	-1.00 - 2.4	3.6/25.9	2681
2002 AQ ₁₅₈	2003 07 27.4	20 25.31 -13 52.1 20.6	-0.92 - 5.2	2.0/28.7	48192
2002 AZ ₁₆₅	2003 07 27.4	20 25.34 -14 50.7 19.0	-0.98 - 4.2	1.8/28.4	27816
1999 JE ₁₁₉	2003 07 27.4	20 25.37 -22 41.8 17.6	-1.01 - 3.6	1.5/26.8	30299
1999 RV ₁₀₅	2003 07 27.5	20 25.42 +05 02.6 17.5	-0.86 - 1.1	9.3/01.1	31859
2001 CQ ₄₈	2003 07 27.5	20 25.47 -19 40.2 20.5	-0.95 - 2.4	0.1/27.4	48010
1999 RM ₂₃₇	2003 07 27.5	20 25.49 -11 25.1 17.7	-0.82 - 9.1	3.2/29.6	47798
1998 HA ₅₃	2003 07 27.5	20 25.51 -45 55.3 16.7	-1.32 - 0.4	10.6/22.1	30269
2000 WY ₉₇	2003 07 27.5	20 25.52 -21 25.3 20.3	-1.06 - 3.6	0.8/27.1	9877
2002 EG ₁₀₆	2003 07 27.5	20 25.54 -28 01.4 19.8	-1.08 - 4.9	3.3/25.7	31982
2002 CY ₁₇₈	2003 07 27.5	20 25.55 -23 14.0 20.1	-1.06 - 2.8	1.6/26.8	48208
1999 WM ₁₁	2003 07 27.5	20 25.58 -16 14.4 17.0	-0.93 + 0.6	1.3/28.0	47827
2002 CA ₂₀₈	2003 07 27.5	20 25.59 -19 48.1 18.9	-0.86 - 3.8	0.2/27.4	29862

2000 ST ₂₅₃	2003 07 27.5	20 25.61 -13 13.0 19.8	-0.97 - 6.5	2.5/28.9	29396
1999 XL ₉₀	2003 07 27.5	20 25.61 -26 44.5 17.9	-0.90 - 6.7	2.9/25.7	47831
2000 SC ₂₀₅	2003 07 27.5	20 25.63 -11 08.8 20.4	-0.99 - 4.5	3.5/29.2	31916
2000 SZ ₈₆	2003 07 27.5	20 25.63 -29 19.2 19.0	-1.05 - 4.8	3.6/25.4	30390
2002 GS ₆₁	2003 07 27.5	20 25.65 -29 48.6 19.5	-0.96 - 2.9	3.7/25.4	37750
2000 WA ₁₄	2003 07 27.5	20 25.67 -31 31.7 19.1	-1.02 - 3.7	4.5/25.0	47987
1998 QT ₈₄	2003 07 27.5	20 25.72 -01 56.6 18.5	-0.85 + 0.3	5.9/30.4	31822
2001 XN ₁₉₃	2003 07 27.5	20 25.74 -12 01.0 18.8	-1.01 - 2.2	2.8/28.9	27789
2000 VQ ₉	2003 07 27.5	20 25.74 -21 07.9 20.2	-1.05 - 3.3	0.7/27.2	7313
1999 XM ₁₃₈	2003 07 27.5	20 25.76 +17 48.7 20.6	-0.76 - 0.8	9.9/05.7	31312
1981 DE ₃	2003 07 27.5	20 25.77 -24 39.1 18.5	-1.06 + 0.4	2.0/26.8	30239
2001 BY ₇₁	2003 07 27.5	20 25.81 -17 51.4 20.8	-0.80 - 3.0	0.4/27.9	13809
2001 YQ ₄	2003 07 27.5	20 25.83 -17 16.1 18.2	-1.12 -22.9	0.9/28.2	48175
2000 AZ ₅₂	2003 07 27.6	20 25.79 -03 05.7 19.2	-0.89 + 0.7	5.7/30.1	18224
2000 VL ₅	2003 07 27.6	20 25.81 -15 53.7 18.9	-0.99 - 3.3	1.3/28.3	30419
1999 XD ₇₃	2003 07 27.6	20 25.82 -22 18.1 19.1	-0.78 - 3.8	0.9/26.9	13631
2002 GE ₁₅₄	2003 07 27.6	20 25.87 -19 10.8 20.0	-1.01 - 5.0	0.0/27.6	31603
2000 WL ₂₁	2003 07 27.6	20 25.95 -39 07.9 19.1	-1.08 - 8.4	6.6/22.3	47987
1999 RZ ₆₂	2003 07 27.6	20 25.97 -20 00.1 18.5	-1.03 - 1.4	0.3/27.5	35475
2002 BK ₁₆	2003 07 27.6	20 25.98 -10 07.9 18.1	-0.83 - 6.9	3.9/29.9	27436
1998 SY ₁₇₀	2003 07 27.6	20 25.98 -24 42.1 18.3	-0.91 + 0.1	1.9/26.7	31246
2002 AT ₁₁₂	2003 07 27.6	20 25.99 -22 07.9 17.3	-0.89 -10.1	1.2/26.9	27809
1993 FZ ₄₆	2003 07 27.6	20 26.01 -24 16.6 20.4	-0.95 - 2.6	1.7/26.7	30244
1999 TN ₁₁₀	2003 07 27.6	20 26.02 -03 07.8 18.3	-0.78 - 3.7	7.4/31.3	47806
2002 AP ₁₅₃	2003 07 27.6	20 26.09 -21 16.0 18.9	-1.02 - 2.6	0.8/27.3	30622
1999 PS ₅	2003 07 27.6	20 26.09 -12 08.9 18.3	-0.95 - 5.9	3.0/29.2	30304
2000 WT ₁₇₉	2003 07 27.6	20 26.14 -01 51.7 19.5	-0.92 - 0.4	5.7/30.6	47994
2000 UJ ₅₈	2003 07 27.6	20 26.16 -27 14.0 18.8	-1.12 - 1.1	3.8/26.3	30415
2002 CV ₁₁₉	2003 07 27.6	20 26.17 -15 02.8 20.0	-0.99 - 3.5	1.6/28.5	30663
2002 HL ₁₅	2003 07 27.6	20 26.20 -18 35.1 17.7	-0.78 - 7.9	0.2/27.9	48232
2000 RO ₅	2003 07 27.7	20 26.15 -38 19.4 18.4	-1.24 - 1.1	7.3/24.2	31912
1999 SD ₁₉	2003 07 27.7	20 26.15 -26 28.4 18.0	-0.89 - 5.8	2.4/26.0	31864
2000 YA ₈₇	2003 07 27.7	20 26.16 -13 20.3 19.0	-0.95 - 0.1	2.0/28.7	34989
2000 SO ₂₄₃	2003 07 27.7	20 26.18 -28 35.4 19.3	-1.13 - 3.9	3.8/25.8	47961
2000 WR ₁₈₇	2003 07 27.7	20 26.25 -30 07.0 18.3	-1.14 + 0.5	4.6/26.1	30434
2002 CG ₁₄₆	2003 07 27.7	20 26.25 -09 53.5 20.0	-0.84 - 5.7	3.1/29.9	48207
2002 FS ₁₄	2003 07 27.7	20 26.33 -01 47.4 20.2	-0.86 - 4.8	6.0/31.8	48225
2001 CD ₃₉	2003 07 27.7	20 26.40 -27 31.3 19.3	-0.82 - 5.5	2.4/25.8	31397
2002 CS ₅₅	2003 07 27.7	20 26.49 -16 30.9 20.2	-0.99 - 4.0	1.0/28.3	48200
1999 JG ₁₁₈	2003 07 27.7	20 26.53 -23 02.2 18.3	-0.99 - 5.0	1.7/26.9	47782
1998 QM ₈₇	2003 07 27.7	20 26.55 +06 19.6 19.1	-0.74 - 3.3	9.2/02.6	34718
1999 WP ₁₄	2003 07 27.7	20 26.57 -00 06.1 20.0	-0.76 - 1.5	5.6/31.7	47827
2002 GU ₁₀₄	2003 07 27.7	20 26.57 -26 07.2 17.8	-0.81 - 6.3	2.3/26.1	33985
2000 TG ₁₅	2003 07 27.7	20 26.61 -14 12.9 20.3	-1.01 - 4.3	2.0/28.8	33277
1999 VL ₁₀₅	2003 07 27.8	20 26.55 -23 05.7 19.1	-0.87 - 3.1	1.3/27.0	38221
2001 BD ₅₈	2003 07 27.8	20 26.59 -18 35.0 18.1	-0.85 - 1.3	0.2/27.9	33893
2000 UN ₃₅	2003 07 27.8	20 26.60 -08 40.1 18.5	-0.94 - 3.5	4.0/30.0	29454
1998 FH ₂₈	2003 07 27.8	20 26.65 -34 02.8 19.3	-1.16 + 1.0	5.9/25.7	47725
2000 SH ₂₁₄	2003 07 27.8	20 26.67 -18 17.9 18.6	-1.03 - 3.2	9.1/17.0	30399
2002 EH ₈₇	2003 07 27.8	20 26.70 -10 27.3 17.6	-0.85 - 5.8	4.0/29.9	48221
2000 UP ₁₀₉	2003 07 27.8	20 26.73 -24 51.9 19.9	-0.95 - 4.8	1.7/26.6	9858

2000 WK ₅₄	2003 07 27.8	20 26.74 -11 07.1 17.7	-0.99 - 0.2	4.1/29.1	9872
1999 VT ₁₆₇	2003 07 27.8	20 26.81 -38 05.1 18.8	-0.97 - 3.6	6.7/23.5	31878
2000 UX ₃	2003 07 27.8	20 26.82 -10 04.6 19.4	-0.99 - 2.4	3.6/29.6	47975
1999 RN ₁₅₁	2003 07 27.8	20 26.90 -26 53.3 19.0	-1.07 - 2.6	3.0/26.4	47793
1998 FM ₁₄	2003 07 27.8	20 26.94 -20 06.9 20.2	-0.99 - 2.3	8.4/17.0	47725
2002 CU ₂₂₀	2003 07 27.8	20 26.99 -22 17.2 20.7	-1.04 - 3.4	1.2/27.3	30685
2001 CB ₃₉	2003 07 27.9	20 26.94 -33 41.9 20.2	-0.85 - 4.4	3.8/24.5	35010
1999 SQ ₆	2003 07 27.9	20 26.97 -35 12.6 17.7	-0.92 - 9.4	6.9/23.2	47799
2000 YH ₁₃₅	2003 07 27.9	20 26.97 -20 36.3 16.7	-0.89 - 8.4	0.6/27.5	30444
2002 CD ₂₁₇	2003 07 27.9	20 26.98 -28 28.9 20.2	-1.13 - 2.1	3.8/26.2	29868
2002 EM ₂₂	2003 07 27.9	20 27.05 -37 09.3 18.4	-1.08 - 1.6	7.4/24.5	29958
2002 CZ ₂₄₃	2003 07 27.9	20 27.13 -18 17.0 20.5	-1.00 - 2.8	0.3/28.1	29895
2002 CN ₃₁₀	2003 07 27.9	20 27.16 -18 11.3 20.9	-1.01 - 3.2	0.4/28.1	35572
2000 WW ₁₀₁	2003 07 27.9	20 27.18 -29 58.8 19.2	-1.06 - 7.5	4.0/25.3	31358
2000 VT ₁₅	2003 07 27.9	20 27.18 -05 23.1 21.1	-0.82 - 3.0	3.9/30.9	31920
1992 SH ₃	2003 07 27.9	20 27.19 -16 09.8 18.8	-0.93 - 5.1	1.4/28.6	47685
1978 VR ₃	2003 07 27.9	20 27.20 -16 30.2 19.6	-1.02 - 3.3	1.2/28.0	47679
2002 AQ ₁₇₉	2003 07 27.9	20 27.25 -23 25.6 19.2	-1.03 - 3.5	1.6/27.1	30627
1998 FD ₁₀	2003 07 27.9	20 27.25 -35 25.6 20.6	-1.15 - 0.4	5.7/25.2	47725
2002 GZ ₅₄	2003 07 27.9	20 27.27 -17 24.3 19.9	-0.82 - 3.1	0.6/28.3	31526
2001 BY ₃	2003 07 27.9	20 27.27 -32 42.9 19.6	-0.96 - 6.5	4.3/24.6	12272
1999 RT ₂₉	2003 07 27.9	20 27.32 +09 10.9 18.0	-0.67 - 7.9	13.2/06.2	34770
1998 HA ₈₇	2003 07 27.9	20 27.32 -18 05.3 19.5	-0.93 - 2.4	0.4/28.2	47730
1996 TP ₃₉	2003 07 27.9	20 27.34 -17 25.1 18.8	-1.00 - 4.7	0.7/28.0	30252
2001 DV ₇₀	2003 07 27.9	20 27.35 -16 26.1 18.4	-0.67 - 2.9	0.7/28.6	48012
2002 AH ₁₁₀	2003 07 27.9	20 27.40 -22 04.8 19.4	-1.02 - 4.1	1.2/27.4	48190
2002 FF ₃₆	2003 07 28.0	20 27.35 -03 11.8 20.6	-0.86 - 4.3	5.1/31.6	33977
2002 AL ₁₇₈	2003 07 28.0	20 27.42 -21 46.0 17.8	-0.89 - 6.3	1.2/27.4	27817
1999 VM ₁₉₇	2003 07 28.0	20 27.44 -42 39.8 18.7	-1.03 - 5.8	9.6/21.6	33145
2000 QO ₂₁₄	2003 07 28.0	20 27.45 -22 21.3 19.3	-1.10 - 4.4	1.4/27.4	30376
2000 SR ₆₄	2003 07 28.0	20 27.46 -19 36.2 18.5	-1.01 - 5.2	0.2/27.9	47945
1996 PN	2003 07 28.0	20 27.47 -54 58.1 17.7	-1.85 +14.0	19.1/29.9	41526
2000 UC ₃	2003 07 28.0	20 27.55 -14 43.8 19.6	-1.02 - 3.9	1.9/28.9	47975
2002 CG ₁₃₃	2003 07 28.0	20 27.57 -27 35.6 19.0	-1.02 - 0.2	3.3/26.6	48205
2002 GC ₄₅	2003 07 28.0	20 27.58 -22 44.3 19.4	-0.94 - 2.8	1.3/27.3	31518
1996 TB ₁₈	2003 07 28.0	20 27.59 -15 45.7 18.3	-0.94 - 2.8	1.5/28.7	47705
2000 CD ₁₀₄	2003 07 28.0	20 27.60 -11 01.0 19.4	-0.59 - 2.9	1.7/29.9	47853
2002 CH ₄₀	2003 07 28.0	20 27.61 -10 28.5 20.3	-0.96 - 0.9	2.8/29.6	30644
2000 WQ ₁₆₈	2003 07 28.0	20 27.62 -15 07.3 20.6	-0.90 - 4.3	1.3/28.9	47994
1999 JV ₃₂	2003 07 28.0	20 27.71 -23 31.5 18.8	-1.03 - 4.6	2.0/27.2	27619
2000 US ₄₉	2003 07 28.0	20 27.72 -28 29.0 18.1	-0.95 - 4.4	4.8/26.0	47978
1999 VH ₃₈	2003 07 28.0	20 27.73 -23 56.3 18.3	-0.92 - 3.0	2.2/27.1	29165
2000 YT ₆₄	2003 07 28.0	20 27.80 -16 53.1 19.0	-0.85 - 4.3	0.9/28.6	48000
2002 EK ₈₆	2003 07 28.1	20 27.72 -22 27.7 19.2	-0.85 - 3.1	1.2/27.4	30036
2000 QP ₁₂₁	2003 07 28.1	20 27.72 -19 26.6 18.4	-1.10 - 1.4	0.1/28.0	29249
2000 WK ₁₆₅	2003 07 28.1	20 27.74 -01 27.6 19.4	-0.85 - 5.5	6.1/01.4	31927
2002 AD ₁₂₀	2003 07 28.1	20 27.75 -20 18.9 18.7	-0.95 - 5.6	0.5/27.8	30618
2002 CM ₁₂₄	2003 07 28.1	20 27.78 -15 37.1 19.5	-1.00 - 3.7	1.4/28.8	30664
2002 AN ₃₉	2003 07 28.1	20 27.81 -13 24.2 19.9	-1.01 - 4.1	2.4/29.3	48186
2002 CB ₃₆	2003 07 28.1	20 27.82 -19 24.2 18.3	-1.00 - 5.1	0.1/28.1	30643
1991 UQ ₂	2003 07 28.1	20 27.85 -46 01.9 17.9	-1.15 - 4.8	12.7/20.1	47684

1999 XK ₁₁₀	2003 07 28.1	20 27.86 -41 44.4 19.5	-0.93 - 3.5	6.1/22.9	31884
2001 CN ₂₄	2003 07 28.1	20 27.88 -13 48.5 19.0	-0.81 - 1.9	1.6/29.2	30449
2000 SP ₂₇₄	2003 07 28.1	20 27.91 -29 53.4 18.0	-1.03 - 4.3	5.4/25.8	9834
1998 DM ₃₅	2003 07 28.1	20 27.92 -23 01.1 19.0	-1.04 - 2.1	1.4/27.4	30261
1999 RZ ₁₉₉	2003 07 28.1	20 27.93 -04 58.6 18.2	-0.95 + 1.1	5.7/30.3	30313
1999 RL ₂₃₁	2003 07 28.1	20 27.96 -25 56.1 17.7	-0.95 - 7.4	2.8/26.4	30315
2001 AT ₂₀	2003 07 28.1	20 27.97 -29 23.9 17.9	-0.97 -11.0	3.6/25.2	30445
2001 CW ₂₈	2003 07 28.1	20 27.97 -22 32.4 17.6	-0.78 - 7.0	1.0/27.3	31396
2002 CM ₇₀	2003 07 28.1	20 28.00 -19 54.8 18.8	-0.92 - 7.0	0.4/28.0	48201
2002 JJ ₅₅	2003 07 28.1	20 28.04 -27 43.4 19.7	-0.84 - 3.0	2.5/26.3	31683
2000 TL ₁₅	2003 07 28.1	20 28.11 -20 46.9 19.4	-1.03 - 3.1	0.6/27.9	31917
2002 EY ₃₈	2003 07 28.1	20 28.19 -17 09.6 18.5	-0.85 - 5.9	1.0/28.7	48218
2002 CA ₃₇	2003 07 28.2	20 28.13 -17 38.3 18.4	-0.95 - 4.6	0.6/28.5	30643
1994 PD ₂₁	2003 07 28.2	20 28.14 -09 33.3 19.1	-0.80 - 6.5	3.8/30.5	47692
2002 EU ₁₀₀	2003 07 28.2	20 28.15 -31 57.8 19.0	-1.09 - 3.0	5.2/25.6	33971
2002 GL ₁₇₁	2003 07 28.2	20 28.16 -43 41.5 19.4	-1.22 - 1.3	8.7/23.4	35188
2002 CM ₉₅	2003 07 28.2	20 28.17 -18 01.8 19.7	-0.98 - 4.4	0.4/28.4	43226
2001 CP ₃₇	2003 07 28.2	20 28.17 -45 18.9 19.3	-1.00 - 5.2	7.5/21.4	31939
2002 GT ₄₄	2003 07 28.2	20 28.21 -15 23.4 20.3	-0.89 - 3.1	1.3/29.0	48227
1999 UY ₁₂	2003 07 28.2	20 28.24 -03 36.9 19.8	-0.90 - 3.0	5.7/31.2	669
2002 ES ₇₈	2003 07 28.2	20 28.28 -25 56.6 18.3	-0.86 -10.5	2.5/26.3	48220
2000 YT ₁₁₅	2003 07 28.2	20 28.31 -23 42.5 20.2	-0.97 - 4.9	1.5/27.2	11020
2000 WB ₁₆	2003 07 28.2	20 28.42 -14 05.3 21.0	-0.92 - 2.8	1.6/29.2	31352
2000 VH ₄₂	2003 07 28.2	20 28.45 -27 49.7 19.7	-1.06 - 3.0	3.3/26.5	29515
2002 EH ₈₈	2003 07 28.2	20 28.47 -17 43.4 19.6	-0.82 - 3.5	0.5/28.6	48221
2002 KQ ₆	2003 07 28.2	20 28.50 -07 55.2 18.7	-0.75 - 7.2	3.5/31.2	34010
2000 SL ₂₀₇	2003 07 28.2	20 28.54 -32 50.7 19.2	-1.06 - 2.1	7.1/25.6	7587
1999 XR ₃	2003 07 28.2	20 28.56 -30 48.5 17.1	-0.88 - 5.5	4.1/25.4	31880
2002 GJ ₁₁₈	2003 07 28.2	20 28.57 -08 31.2 17.4	-0.81 -10.0	4.2/31.3	35576
2000 VB ₂₈	2003 07 28.2	20 28.58 -05 39.5 19.0	-0.92 - 3.9	6.1/31.1	47985
2000 SE ₁₂₆	2003 07 28.3	20 28.51 -05 53.9 18.6	-0.89 - 5.5	5.1/31.4	47951
2002 AJ ₁₇₅	2003 07 28.3	20 28.52 -18 43.5 19.3	-0.99 - 4.6	0.1/28.4	30626
1999 UT ₂	2003 07 28.3	20 28.53 -35 32.8 19.5	-0.92 - 2.8	4.7/24.7	31872
1999 TW ₂₁₆	2003 07 28.3	20 28.54 -09 51.1 18.0	-0.85 - 2.0	3.7/30.1	31287
1999 VT ₆₄	2003 07 28.3	20 28.54 -44 43.2 20.5	-0.99 - 3.0	6.8/22.3	10501
2001 BH ₄₄	2003 07 28.3	20 28.55 -10 25.0 20.3	-0.75 - 3.0	2.3/30.2	48006
2002 CW ₁₄₃	2003 07 28.3	20 28.63 -08 53.8 19.2	-0.89 - 6.5	4.2/30.8	48206
1999 VP ₁₉₁	2003 07 28.3	20 28.66 -22 02.8 19.9	-0.81 - 3.1	0.9/27.7	30336
2002 GA ₁₀₀	2003 07 28.3	20 28.67 -20 26.8 20.0	-1.04 - 3.1	0.5/28.1	31572
1999 XV ₆₂	2003 07 28.3	20 28.67 -07 28.2 19.5	-0.83 - 1.2	3.9/30.5	47830
1999 RN ₃	2003 07 28.3	20 28.72 -09 12.6 18.3	-0.84 - 2.9	4.8/30.3	47786
2000 KK ₈₁	2003 07 28.3	20 28.87 -36 08.4 17.7	-1.33 -17.5	7.7/22.9	25792
2002 CX ₂₀₇	2003 07 28.3	20 28.89 -29 46.6 21.2	-1.09 - 0.4	4.1/26.6	48209
2000 QK ₂₀₄	2003 07 28.3	20 28.96 -25 46.1 18.2	-1.04 - 5.3	3.3/26.9	25831
2002 AE ₁₇₉	2003 07 28.3	20 28.97 -20 51.8 17.9	-0.95 - 8.7	0.8/27.9	30627
2000 UL ₆₃	2003 07 28.3	20 28.99 -19 23.6 18.8	-1.02 - 2.5	0.1/28.3	47979
1998 CP	2003 07 28.4	20 28.94 -21 06.0 17.6	-1.07 - 2.3	0.9/28.0	30260
1999 RR ₂₁₂	2003 07 28.4	20 28.99 +01 38.5 18.3	-0.81 - 1.6	6.4/01.6	35480
2000 AR ₁₇₅	2003 07 28.4	20 29.06 -03 26.0 20.5	-0.78 - 1.5	4.3/31.5	18226
2001 EU ₂₀	2003 07 28.4	20 29.07 -26 06.7 19.5	-0.90 - 1.0	2.1/27.1	11953
2001 AW ₁₀	2003 07 28.4	20 29.08 -16 54.1 19.3	-0.94 - 1.3	0.8/28.8	30444

2003 AUG. 6

M.P.C. 49317

1999 TH ₁₄₅	2003 07 28.4	20 29.09	-01 49.6	19.7	-0.86	-	4.4	5.9/01.2	1494
2000 WY ₁₄	2003 07 28.4	20 29.11	-28 09.2	19.8	-1.04	-	3.8	3.5/26.5	33305
2000 SN ₃₀₇	2003 07 28.4	20 29.14	-16 05.1	18.3	-1.02	-	4.4	1.2/29.1	30405
2002 CT ₂₂₄	2003 07 28.4	20 29.18	-12 16.2	19.0	-0.85	-	3.7	2.5/29.9	30685
2000 SG ₃₀	2003 07 28.4	20 29.21	-12 06.3	19.2	-1.00	-	5.1	2.8/30.0	30387
2000 WN ₁₇₈	2003 07 28.4	20 29.24	-23 20.4	20.3	-0.97	-	2.9	1.5/27.6	47994
2002 GZ ₁₅₇	2003 07 28.4	20 29.27	-18 26.7	19.0	-0.86	-	5.3	0.2/28.6	31604
4305 T-3	2003 07 28.4	20 29.27	-42 36.6	21.0	-0.99	-	2.6	6.3/23.1	48393
2000 AF ₁₇₆	2003 07 28.4	20 29.27	-15 51.9	18.8	-0.77	-	5.3	1.0/29.2	31893
2002 BX ₂₈	2003 07 28.4	20 29.29	-32 47.8	18.7	-1.02	-	5.2	5.1/25.3	31965
2002 GH ₉₁	2003 07 28.4	20 29.30	-24 09.9	19.1	-0.92	-	2.3	2.0/27.5	31563
2000 UJ ₇₄	2003 07 28.4	20 29.30	-17 09.0	19.2	-0.98	-	7.5	0.7/28.9	33291
2002 GJ ₁₃	2003 07 28.4	20 29.32	-16 21.6	19.7	-0.83	-	3.4	0.9/29.1	31991
2002 FQ ₁₀	2003 07 28.4	20 29.35	-15 35.4	17.9	-0.84	-	7.2	1.3/29.4	41765
2002 EQ ₈₁	2003 07 28.4	20 29.36	-10 44.9	19.6	-0.96	-	3.8	3.0/30.2	30716
2002 CF ₂₄₁	2003 07 28.5	20 29.31	-14 52.1	19.8	-1.02	-	3.3	1.6/29.3	30688
2000 XZ ₇	2003 07 28.5	20 29.33	-20 06.4	15.2	-1.09	+	5.6	0.6/28.4	47996
2000 SR ₁₉₈	2003 07 28.5	20 29.37	-20 39.2	18.9	-1.04	-	3.0	0.6/28.2	30398
2002 CA ₂₄₆	2003 07 28.5	20 29.48	-17 45.9	18.0	-1.06	+	1.4	0.5/28.7	30689
1995 YP ₇	2003 07 28.5	20 29.51	-23 52.3	19.3	-0.89	-	5.5	1.8/27.4	47701
2001 CQ ₂₁	2003 07 28.5	20 29.53	-25 11.4	19.3	-0.91	-	5.5	2.0/27.1	35008
1999 TA ₂₁₅	2003 07 28.5	20 29.60	-22 50.1	18.9	-0.88	-	3.7	1.3/27.7	30325
2000 WX ₁₆	2003 07 28.5	20 29.61	-24 45.5	18.9	-0.96	-	3.7	2.0/27.4	29532
2002 EU ₂₀	2003 07 28.5	20 29.66	-35 26.5	18.7	-0.96	-	0.9	5.9/25.5	31468
2000 YG ₃₈	2003 07 28.5	20 29.67	-06 29.7	18.5	-0.93	-	0.4	4.7/30.8	30439
2002 GB ₆₃	2003 07 28.5	20 29.68	-20 37.2	18.9	-0.95	-	3.9	0.5/28.2	31532
2002 FS ₁₁	2003 07 28.5	20 29.70	-03 56.6	19.1	-0.75	-	4.0	4.9/01.2	48225
2000 SU ₂₇₄	2003 07 28.5	20 29.71	-09 24.2	19.2	-0.94	-	5.2	4.4/30.7	30403
2002 ET ₁₃₂	2003 07 28.5	20 29.71	-08 28.7	20.3	-0.84	-	6.0	4.0/31.2	35176
2002 CZ ₁₅₆	2003 07 28.5	20 29.77	-23 25.2	19.7	-1.02	-	4.1	1.7/27.7	30671
2002 CZ ₄	2003 07 28.6	20 29.69	-31 29.2	19.0	-1.07	-	2.7	5.5/26.1	48197
2002 CE ₁₇₁	2003 07 28.6	20 29.71	-26 24.2	20.2	-0.98	-	3.3	2.5/27.1	30675
1999 UM ₂₀	2003 07 28.6	20 29.78	-20 06.8	19.8	-0.88	-	3.6	0.4/28.4	33122
2002 EA ₁₆	2003 07 28.6	20 29.85	-15 50.5	19.9	-1.04	-	1.9	1.2/29.2	33536
2000 UO ₃₇	2003 07 28.6	20 29.85	-12 37.5	19.2	-0.87	-	3.5	2.0/30.0	30413
2002 CY ₄₉	2003 07 28.6	20 29.87	-10 22.0	20.0	-1.00	-	2.6	3.4/30.3	48200
2002 CF ₁₂₆	2003 07 28.6	20 29.90	-25 16.3	19.3	-1.08	+	1.5	2.6/27.7	29833
2000 XS ₄₇	2003 07 28.6	20 29.94	-35 12.2	18.5	-1.22	-	3.1	6.8/25.2	29623
2002 CO ₁₆₉	2003 07 28.6	20 29.98	-13 12.9	19.4	-0.86	-	8.5	1.9/30.2	31970
1978 VW ₇	2003 07 28.6	20 30.03	-17 43.2	19.5	-1.05	-	3.2	0.5/28.9	30239
2002 EP ₇₂	2003 07 28.6	20 30.06	-02 19.3	19.4	-0.81	-	5.0	5.7/01.8	30017
1999 XJ ₃₃	2003 07 28.6	20 30.11	-16 07.7	19.8	-0.84	-	2.6	0.8/29.3	13629
2000 YL ₇₉	2003 07 28.6	20 30.11	-30 51.7	18.4	-0.98	-	6.3	3.9/25.8	29644
2002 GO ₁₀₉	2003 07 28.7	20 30.08	-04 32.4	18.7	-0.84	-	7.8	5.3/01.5	35576
1999 UL ₅₀	2003 07 28.7	20 30.09	-13 35.6	18.7	-0.84	-	5.0	2.1/29.9	2149
2000 SK ₂₂₀	2003 07 28.7	20 30.14	-18 56.3	18.5	-1.00	-	7.8	0.0/28.7	47960
2002 EK ₂₁	2003 07 28.7	20 30.14	-20 16.1	19.0	-0.94	-	1.3	0.5/28.5	48216
2002 DC ₄	2003 07 28.7	20 30.16	-53 36.9	19.4	-1.53	-	3.4	11.6/21.0	30697
1995 GN ₄	2003 07 28.7	20 30.16	-23 35.5	20.0	-1.05	-	4.5	1.8/27.7	33002
2000 TH ₃₄	2003 07 28.7	20 30.21	-32 05.7	19.2	-1.09	-	3.7	4.7/26.0	29429
5076 T-3	2003 07 28.7	20 30.26	-32 20.7	18.4	-0.88	-	4.9	4.5/25.5	30774

2002 EF ₉₉	2003 07 28.7	20 30.34	-33 52.0	19.3	-1.05	-	1.4	4.7/26.0	30056
2002 JU ₆₈	2003 07 28.7	20 30.41	-42 08.1	18.1	-1.01	-	3.6	7.6/23.4	31700
2001 AE ₁₇	2003 07 28.7	20 30.43	-20 04.2	18.1	-0.96	-	5.4	0.4/28.5	12269
1999 TH ₁₄₁	2003 07 28.7	20 30.44	-28 44.3	20.3	-0.92	-	2.7	3.1/26.7	17049
2000 SQ ₁₂₄	2003 07 28.7	20 30.51	-33 10.6	19.4	-1.14	-	4.2	6.4/25.6	10982
2002 CX ₁₁₃	2003 07 28.7	20 30.51	-17 38.0	18.3	-0.88	-	7.9	0.6/29.1	30661
1999 RE ₃	2003 07 28.8	20 30.59	-10 18.5	17.8	-0.68	-	4.5	4.6/30.9	40354
2000 SX ₃₂₉	2003 07 28.8	20 30.63	-23 18.7	20.3	-1.02	-	4.2	1.6/27.9	31917
1995 EX ₆	2003 07 28.8	20 30.63	-14 27.1	20.8	-0.98	-	5.1	1.8/29.8	28941
2000 WM ₁₇₃	2003 07 28.8	20 30.64	-03 05.0	20.0	-0.84	-	4.5	4.9/01.4	12257
2002 ER ₁₁₀	2003 07 28.8	20 30.74	-11 22.5	18.5	-0.82	-	7.7	2.8/30.8	30066
2000 UP ₆₃	2003 07 28.8	20 30.75	-07 01.7	18.6	-0.97	-	0.7	6.1/30.9	47979
2000 UN ₁₀	2003 07 28.8	20 30.75	-30 47.0	18.7	-1.10	-	5.1	5.4/26.1	13788
1999 WA ₈	2003 07 28.8	20 30.80	-17 00.6	19.0	-0.81	-	1.1	0.5/29.2	47826
1999 VV ₇₆	2003 07 28.8	20 30.84	-02 51.4	20.1	-0.75	-	2.2	4.5/01.3	33838
1999 UD ₄₅	2003 07 28.8	20 30.94	-16 41.6	17.4	-1.03	+	2.9	1.0/29.2	1518
1999 GZ ₁	2003 07 28.8	20 30.95	-31 43.8	18.7	-1.19	-	4.5	5.2/26.2	33806
1998 SZ ₇₀	2003 07 28.8	20 30.96	-47 40.6	19.1	-1.06	-	1.0	12.0/21.9	47746
2000 SX ₁₄₉	2003 07 28.9	20 30.87	-22 56.7	18.8	-1.03	-	3.4	1.5/28.1	30395
2002 EC ₇₅	2003 07 28.9	20 30.97	-55 02.6	18.9	-1.40	+	2.9	11.7/23.3	30715
2000 UR ₉₇	2003 07 28.9	20 30.98	-17 01.1	17.5	-1.06	-	0.2	0.9/29.2	8525
2000 XM ₁₉	2003 07 28.9	20 31.01	-23 49.1	17.4	-1.08	+	0.7	2.2/28.2	47996
2002 JZ ₃₉	2003 07 28.9	20 31.02	-31 58.4	17.8	-0.84	-	6.6	4.7/25.5	32020
1999 XF ₁₂₂	2003 07 28.9	20 31.03	-36 56.2	20.2	-0.99	-	2.0	5.2/25.1	47832
2000 XT ₅	2003 07 28.9	20 31.06	-15 11.3	18.2	-1.11	+	0.6	1.6/29.5	9887
1999 XU ₂₃₃	2003 07 28.9	20 31.08	-28 15.0	17.6	-0.85	-	6.5	3.3/26.6	30344
1996 SA ₆	2003 07 28.9	20 31.13	-12 43.3	18.7	-0.96	-	4.4	2.7/30.3	30251
1999 MK ₁	2003 07 28.9	20 31.18	-20 20.8	17.1	-1.14	+	4.5	0.6/28.8	35472
2001 DQ ₉₆	2003 07 28.9	20 31.25	-09 25.8	20.7	-0.91	-	4.5	3.2/31.0	14929
2002 GG ₁₇₄	2003 07 28.9	20 31.27	-25 41.4	18.7	-0.91	-	4.9	2.5/27.4	48231
2001 AG ₂₃	2003 07 29.0	20 31.26	-30 04.6	17.7	-0.84	-	13.5	4.9/25.4	23617
2002 FW ₉	2003 07 29.0	20 31.26	-23 49.7	20.0	-0.94	-	3.0	1.6/28.0	30731
2000 SO ₁₄₇	2003 07 29.0	20 31.29	-13 33.4	19.9	-0.98	-	3.6	2.0/30.1	30395
2001 DU ₅₉	2003 07 29.0	20 31.34	-21 55.6	18.5	-0.88	-	7.0	1.0/28.3	31940
2000 WN ₁₄₁	2003 07 29.0	20 31.37	-08 07.7	20.0	-0.85	+	0.8	2.7/30.9	12256
2002 DP ₁₂	2003 07 29.0	20 31.41	-23 19.4	20.3	-1.02	-	6.8	1.7/28.0	35573
2002 BP ₁₃	2003 07 29.0	20 31.41	-31 54.3	18.9	-0.92	-	5.7	4.5/25.9	48196
1999 VX ₁₅₇	2003 07 29.0	20 31.43	-14 27.9	19.9	-0.82	-	2.6	1.4/30.0	29182
1999 TE ₁₂₁	2003 07 29.0	20 31.45	-24 05.5	20.5	-0.96	-	3.5	2.1/27.9	2663
2001 CU ₁₁	2003 07 29.0	20 31.45	-27 31.0	19.6	-1.01	-	0.9	3.0/27.5	10755
2000 YK ₁₀	2003 07 29.0	20 31.45	-06 53.7	19.8	-0.93	-	0.7	3.9/31.2	9895
2000 WM ₈₈	2003 07 29.0	20 31.47	-32 58.5	18.9	-0.85	-	5.3	3.7/25.6	33887
1998 FD ₁₂₃	2003 07 29.0	20 31.54	+04 13.9	18.8	-0.60	-	10.0	11.2/06.5	47727
2000 SY ₅₈	2003 07 29.0	20 31.57	-15 53.7	19.1	-1.01	-	3.7	1.1/29.7	31914
2002 CX ₃₈	2003 07 29.0	20 31.58	+07 09.2	18.0	-0.78	-	16.4	10.4/07.9	30643
1999 TL ₁₇₅	2003 07 29.0	20 31.61	-07 02.3	20.5	-0.80	-	2.9	3.6/31.6	30324
2002 DC ₆	2003 07 29.0	20 31.64	-14 17.2	17.8	-1.02	+	1.8	1.9/29.7	29920
2001 BG ₃₉	2003 07 29.0	20 31.64	-19 47.3	18.9	-0.84	-	4.1	0.3/28.9	33359
2002 EE ₅₇	2003 07 29.0	20 31.66	-01 25.1	18.0	-0.78	-	8.5	7.3/03.1	40929
1999 VJ ₁₉₇	2003 07 29.0	20 31.68	-28 13.9	18.8	-0.92	-	5.4	3.0/26.8	30336
2000 QS ₁₉	2003 07 29.0	20 31.69	-15 40.8	18.7	-1.02	-	6.4	1.4/29.8	47911

2002 JP ₇	2003 07 29.1	20 31.68	-13 47.8	18.7	-0.75	- 4.2	1.5/30.3	31620
1997 CD ₆	2003 07 29.1	20 31.69	-14 57.5	19.8	-0.83	- 7.0	1.3/30.1	28959
2002 GN ₁₀₂	2003 07 29.1	20 31.85	-13 08.1	20.0	-0.92	- 6.0	2.0/30.5	48230
1999 TD ₂₁	2003 07 29.1	20 31.86	-30 03.3	18.3	-1.07	- 0.9	4.4/27.0	12163
2000 YV ₄₆	2003 07 29.1	20 31.90	-22 52.6	19.7	-0.94	- 4.4	1.4/28.3	9492
2001 BE ₁₇	2003 07 29.1	20 31.95	-21 31.4	19.0	-0.87	- 7.5	0.9/28.5	48005
1994 PE ₂₅	2003 07 29.1	20 31.96	-23 15.2	18.7	-0.95	- 1.8	1.6/28.3	47692
2000 XM ₄₆	2003 07 29.1	20 31.98	-33 05.4	20.1	-1.06	- 0.9	4.4/26.5	18307
2000 UP ₇₀	2003 07 29.1	20 31.98	-16 15.7	18.2	-1.00	- 1.9	1.2/29.7	29474
2000 VQ ₁₂	2003 07 29.1	20 32.04	-21 03.8	20.6	-0.99	- 4.0	0.8/28.7	27137
2000 UL ₁₉	2003 07 29.1	20 32.06	+20 11.3	21.4	-0.87	- 1.9	10.8/07.6	9845
2000 YO ₉₆	2003 07 29.1	20 32.08	-18 04.3	19.3	-0.91	- 6.1	0.3/29.4	48001
1999 RP ₁₄₄	2003 07 29.1	20 32.11	-07 29.8	18.5	-0.86	- 1.3	5.3/31.4	6248
2002 EX ₁₅₂	2003 07 29.2	20 32.04	+04 39.4	18.4	-0.86	- 4.6	8.9/04.2	33539
2001 BY ₂₅	2003 07 29.2	20 32.07	-18 50.1	19.7	-0.86	- 0.1	0.0/29.2	12274
2000 SA ₃₃₇	2003 07 29.2	20 32.08	-32 48.4	18.0	-1.13	- 3.4	6.2/26.2	31917
1998 SJ ₁₅₆	2003 07 29.2	20 32.08	-23 30.4	18.9	-0.83	- 2.6	1.4/28.2	31837
2000 AF ₁₆₅	2003 07 29.2	20 32.09	-22 55.2	17.6	-0.88	- 3.5	1.4/28.3	47844
2000 UW ₉₁	2003 07 29.2	20 32.13	-21 48.9	19.1	-1.03	- 1.9	1.1/28.7	30417
2000 QZ ₁₉₇	2003 07 29.2	20 32.18	-21 24.8	17.8	-1.05	- 4.8	1.2/28.7	27688
2002 CX ₅₅	2003 07 29.2	20 32.21	-18 26.9	19.6	-0.95	- 3.5	0.2/29.3	48200
2002 JF ₈₉	2003 07 29.2	20 32.23	-15 21.4	20.2	-0.78	- 2.7	1.1/30.0	48236
1999 UV ₃₀	2003 07 29.2	20 32.28	-27 51.5	19.3	-0.94	- 3.4	3.3/27.3	33124
1998 HB ₆	2003 07 29.2	20 32.30	-23 03.4	18.4	-0.90	- 5.1	1.7/28.3	47728
2002 JM ₈₅	2003 07 29.2	20 32.35	-33 44.9	19.1	-0.90	- 3.1	4.7/25.9	31720
2000 WH ₁₃₀	2003 07 29.2	20 32.40	-22 32.0	20.6	-0.93	- 3.9	1.2/28.5	33319
1997 EV ₃₈	2003 07 29.2	20 32.44	-18 30.8	18.9	-0.90	- 2.3	0.1/29.3	30254
2002 AX ₁₉₀	2003 07 29.2	20 32.45	-28 18.4	19.6	-1.11	- 5.3	3.6/27.2	48194
2001 BA ₆₁	2003 07 29.2	20 32.49	+14 27.8	18.8	-1.05	+ 4.1	11.9/02.5	18311
2000 SL ₉₉	2003 07 29.2	20 32.49	-08 58.2	18.4	-0.98	- 3.5	4.5/31.4	47949
2002 JO ₁₁₈	2003 07 29.2	20 32.49	-12 24.6	18.9	-0.83	- 9.3	2.4/31.1	33577
1999 UM ₂₆	2003 07 29.2	20 32.50	-15 03.6	16.8	-0.87	- 2.3	1.5/30.1	47816
2000 SF ₁₈₅	2003 07 29.2	20 32.51	-20 33.4	18.5	-1.01	- 6.0	0.6/28.9	30398
1993 FR ₅₄	2003 07 29.3	20 32.46	-16 00.1	18.9	-0.86	- 5.9	1.0/30.0	31214
2000 SQ ₁₈₉	2003 07 29.3	20 32.54	-27 03.7	19.0	-1.11	- 0.5	2.9/27.9	31916
2000 SS ₂₇₅	2003 07 29.3	20 32.55	-08 03.6	19.2	-0.95	- 4.8	4.7/31.7	30403
2002 ED ₁₃₆	2003 07 29.3	20 32.56	-27 55.2	19.8	-0.99	- 1.0	3.8/27.7	30078
2002 JE ₁₀₈	2003 07 29.3	20 32.56	+10 27.2	18.4	-0.72	- 7.6	8.8/07.5	32031
1999 XU ₁₂₃	2003 07 29.3	20 32.56	-33 13.1	19.2	-0.95	- 1.8	4.7/26.4	31884
2002 CF ₈₈	2003 07 29.3	20 32.65	-25 27.8	20.4	-1.09	- 1.4	2.8/28.2	30655
1994 PG ₃	2003 07 29.3	20 32.71	-12 22.7	18.5	-0.81	- 7.2	2.5/31.0	28937
2002 GH ₁₀₆	2003 07 29.3	20 32.72	-17 12.1	19.5	-0.79	- 6.9	0.5/29.8	48230
1999 JQ ₃₃	2003 07 29.3	20 32.75	-08 15.9	17.5	-0.98	- 2.4	4.8/31.5	47779
2000 YU ₄₆	2003 07 29.3	20 32.78	-24 19.4	19.4	-0.90	- 5.5	1.9/28.1	31373
1999 XM ₁₉	2003 07 29.3	20 32.78	+01 35.2	18.6	-0.83	- 3.5	8.4/02.9	47828
2002 JH ₃₈	2003 07 29.3	20 32.79	-12 43.2	20.4	-0.89	- 3.1	2.0/30.6	31659
2000 VP ₁₇	2003 07 29.3	20 32.79	-12 42.7	19.8	-0.99	- 4.1	2.4/30.6	47984
2000 QW ₁₈₉	2003 07 29.3	20 32.82	-25 28.0	19.0	-1.10	- 5.8	3.0/27.9	47927
1999 TY ₁₆₉	2003 07 29.3	20 32.83	-13 19.5	18.1	-0.86	- 2.8	2.1/30.5	31284
2000 SJ ₁₇₁	2003 07 29.3	20 32.84	-01 04.6	19.4	-0.86	- 3.3	5.7/02.4	47955
1995 UA ₈₁	2003 07 29.3	20 32.88	-15 57.3	22.8	-0.81	- 3.4	0.8/30.0	15577

1997 HO ₁₆	2003 07 29.3	20 32.88	-13 17.6	20.3	-0.84	- 3.5	1.8/30.6	19286
2002 GR ₅₁	2003 07 29.3	20 32.90	-16 38.3	20.0	-0.96	- 4.0	0.8/29.9	48228
1999 RC ₃₀	2003 07 29.4	20 32.83	-39 03.9	17.8	-1.64	+11.0	9.0/28.8	47788
1999 WZ ₁	2003 07 29.4	20 32.83	-06 45.4	18.0	-0.93	- 0.9	4.9/31.5	30337
1999 RJ ₁₉₈	2003 07 29.4	20 32.87	+04 39.2	19.0	-0.83	- 4.2	10.7/03.7	47796
2000 QM ₁₄₈	2003 07 29.4	20 32.90	-18 16.9	17.8	-1.03	0.0	0.3/29.5	13706
4074 T-2	2003 07 29.4	20 32.93	-22 56.2	19.7	-0.95	- 4.1	1.9/28.5	2590
2001 FM ₄₀	2003 07 29.4	20 32.95	-42 33.4	19.4	-1.07	- 0.4	7.0/24.5	30453
2002 CO ₈₀	2003 07 29.4	20 32.96	-16 01.0	18.6	-0.94	- 7.1	1.2/30.1	30653
2002 BT ₂₅	2003 07 29.4	20 32.99	-12 47.6	18.5	-0.95	- 2.1	2.4/30.6	31964
2000 XK ₂₃	2003 07 29.4	20 33.01	-28 33.8	19.6	-1.02	- 0.5	3.1/27.7	33329
2000 XK ₇	2003 07 29.4	20 33.04	-34 22.0	17.9	-1.14	- 4.0	7.3/25.8	47995
2002 CS ₄₁	2003 07 29.4	20 33.10	-00 41.9	19.4	-0.93	- 3.9	7.9/02.6	48200
2002 BU ₁₆	2003 07 29.4	20 33.13	-15 32.4	19.5	-1.03	- 4.4	1.3/30.1	30632
1999 TH ₉₇	2003 07 29.4	20 33.13	-32 27.8	19.5	-0.98	- 4.3	4.2/26.3	12951
2002 CL ₁₁₀	2003 07 29.4	20 33.16	-11 49.1	20.2	-0.92	- 7.0	2.6/31.2	30660
2000 YX ₁₀	2003 07 29.4	20 33.17	-14 29.5	18.2	-1.05	+ 1.4	1.8/30.1	9895
1999 XC ₁₉₆	2003 07 29.4	20 33.21	-21 58.2	19.4	-0.89	- 0.9	1.0/28.9	47835
1999 JG ₃₂	2003 07 29.4	20 33.22	-26 37.1	17.5	-1.01	- 5.2	3.6/27.7	47779
2002 AT ₁₁₈	2003 07 29.4	20 33.23	-21 30.1	18.2	-0.96	- 8.8	1.2/28.8	48190
2000 SR ₁₂₅	2003 07 29.4	20 33.25	-31 56.4	17.6	-1.01	- 5.9	6.5/26.2	47951
1999 RT ₉₄	2003 07 29.4	20 33.25	-21 00.6	18.7	-0.90	- 4.2	0.8/29.0	34774
2002 BQ	2003 07 29.4	20 33.26	-14 32.4	19.0	-0.96	- 6.0	1.7/30.5	48195
1999 XV ₁₆₇	2003 07 29.5	20 33.21	-12 29.8	18.5	-0.87	- 0.5	2.1/30.6	47834
1999 TD ₁₂₉	2003 07 29.5	20 33.26	-20 35.7	19.6	-0.92	- 2.6	0.7/29.1	47807
2000 SG ₁₀₉	2003 07 29.5	20 33.26	-25 14.9	18.5	-0.99	- 2.0	3.6/28.2	13754
2002 AG ₁₇₉	2003 07 29.5	20 33.32	-23 20.4	19.4	-1.03	- 3.0	1.9/28.6	48193
2000 UC ₅₇	2003 07 29.5	20 33.36	-22 35.3	19.4	-1.08	- 3.1	1.5/28.8	31344
2000 WQ ₁₀₃	2003 07 29.5	20 33.39	-26 29.4	18.1	-0.94	- 8.5	3.6/27.5	30428
2002 DN ₁₃	2003 07 29.5	20 33.41	-23 05.9	19.4	-0.95	- 1.9	1.8/28.7	29928
1997 HR ₁₆	2003 07 29.5	20 33.46	-22 50.1	20.4	-0.87	- 3.2	1.4/28.7	33012
2000 VS ₁₈	2003 07 29.5	20 33.48	+01 53.4	19.6	-0.88	- 2.5	7.0/03.0	47984
2000 SV ₃₇	2003 07 29.5	20 33.49	-30 08.3	18.8	-1.13	- 4.6	4.5/27.1	31914
2002 EJ ₇₈	2003 07 29.5	20 33.52	-22 12.4	19.7	-0.84	- 2.9	1.2/28.8	31472
1998 MS ₁₅	2003 07 29.5	20 33.67	-13 18.2	19.4	-0.88	- 2.5	2.2/30.7	30272
2000 YV ₈₅	2003 07 29.5	20 33.68	-24 47.1	18.6	-0.92	- 8.6	2.1/28.0	30442
2000 VY ₁₇	2003 07 29.5	20 33.68	-25 29.5	19.9	-1.03	- 5.5	2.7/28.0	47984
2000 SQ ₁₉₂	2003 07 29.5	20 33.70	-17 28.4	20.1	-1.02	- 3.4	0.5/29.9	29379
2002 CZ ₉₇	2003 07 29.6	20 33.60	-17 46.2	19.2	-0.98	- 4.7	0.4/29.8	30658
2001 BH ₁	2003 07 29.6	20 33.64	-28 42.8	18.7	-1.13	+ 1.0	3.4/28.1	33356
2000 YT ₁₀₃	2003 07 29.6	20 33.64	-15 19.6	18.2	-0.86	- 8.3	1.2/30.5	11019
1999 VF ₆₄	2003 07 29.6	20 33.67	-43 19.2	21.0	-0.97	- 3.1	6.5/23.8	47821
2002 GA ₁₀₃	2003 07 29.6	20 33.68	-13 30.7	20.8	-0.90	- 3.4	1.8/30.7	31576
2000 UV ₉₉	2003 07 29.6	20 33.69	-23 54.7	18.2	-0.95	- 1.1	2.7/28.7	30417
2000 XM ₃₄	2003 07 29.6	20 33.70	-35 25.1	19.9	-1.05	- 1.7	5.2/26.3	11010
1999 RM ₈₁	2003 07 29.6	20 33.75	-30 38.7	18.3	-1.07	+ 0.3	4.8/27.6	34773
2002 AX ₆₂	2003 07 29.6	20 33.82	-18 01.1	19.2	-1.03	- 0.4	0.3/29.8	30611
2002 JW ₁₃₅	2003 07 29.6	20 33.83	-19 29.7	19.8	-0.85	- 2.8	0.2/29.5	48237
1998 QB ₈₆	2003 07 29.6	20 33.83	-08 28.9	17.9	-0.94	+ 2.9	3.9/31.0	47736
1999 VV ₆₇	2003 07 29.6	20 33.90	-20 08.2	19.7	-0.80	- 3.2	0.4/29.4	47821
2000 WW ₁₄₀	2003 07 29.6	20 33.90	-23 15.5	18.6	-0.95	- 4.3	2.1/28.7	29586

2003 AUG. 6

M.P.C. 49319

2002 EU ₁₂	2003 07 29.6	20 33.91	-43 50.0	19.3	-1.22	+	0.1	8.8/25.2	30703
2002 EE ₇₂	2003 07 29.6	20 33.92	-07 06.8	18.8	-0.80	-	5.6	4.4/01.6	30015
1999 VQ ₁₃₅	2003 07 29.6	20 33.96	-11 45.4	19.4	-0.83	-	2.2	2.2/31.1	31877
2001 DG ₁₀₁	2003 07 29.6	20 34.00	-41 42.1	18.3	-1.14	-	5.1	9.7/23.5	48014
2001 XO ₄	2003 07 29.6	20 34.04	+09 32.3	18.9	-1.34	+	5.4	13.7/02.0	30560
2002 EY ₄₁	2003 07 29.6	20 34.04	-23 39.8	19.9	-1.11	-	1.3	2.0/28.8	30708
2000 YH ₇₁	2003 07 29.7	20 34.01	-33 49.7	19.1	-0.97	-	5.5	4.8/26.0	31931
1999 NJ ₄₅	2003 07 29.7	20 34.01	-08 44.3	17.9	-0.86	-	4.9	4.6/01.1	47785
2001 BQ ₂₅	2003 07 29.7	20 34.06	-20 07.4	19.4	-0.90	-	4.4	0.5/29.4	10698
2000 XU ₁₂	2003 07 29.7	20 34.20	-38 50.0	17.9	-1.13	-	3.4	8.2/25.1	31928
1999 TA ₂₀₉	2003 07 29.7	20 34.21	-20 23.0	17.4	-1.11	+	4.9	0.7/29.6	12959
2002 JQ ₃	2003 07 29.7	20 34.30	+07 46.9	19.8	-0.74	-	2.3	8.7/05.2	48232
2000 SD ₁₁₂	2003 07 29.7	20 34.32	-21 51.4	18.8	-1.02	-	3.0	1.1/29.1	47950
2002 GS ₁₄₀	2003 07 29.7	20 34.33	-35 15.5	19.3	-0.94	-	3.4	5.3/26.0	31596
2000 XH ₃₅	2003 07 29.7	20 34.39	-37 00.6	18.1	-0.91	-	4.5	5.5/25.4	31928
1999 RA ₃₅	2003 07 29.7	20 34.44	-09 44.4	17.2	-1.02	+	4.9	4.4/30.8	36913
1990 EO ₁	2003 07 29.7	20 34.45	-23 01.1	18.3	-1.09	0.0		1.6/29.1	34680
1999 JB ₁₁₇	2003 07 29.7	20 34.46	-23 12.0	18.7	-1.04	-	2.8	2.0/28.9	27623
2002 FL	2003 07 29.7	20 34.47	-13 14.3	20.0	-0.86	-	4.7	1.6/31.1	31481
2002 EL ₈₆	2003 07 29.8	20 34.39	-35 20.7	19.4	-0.99	-	1.3	5.8/26.5	30036
2000 QP ₄₉	2003 07 29.8	20 34.41	-17 33.5	18.8	-0.94	-	5.8	0.6/30.1	47914
2001 ES ₁₄	2003 07 29.8	20 34.45	-13 20.9	18.7	-0.72	-	6.5	1.5/31.2	31406
1998 FM ₁₃₀	2003 07 29.8	20 34.50	-43 01.4	18.7	-1.24	-	0.3	9.1/25.3	41536
2002 AE ₁₃₀	2003 07 29.8	20 34.53	-29 35.6	19.5	-1.60	+	5.2	5.3/28.8	30619
1999 LJ ₁₁	2003 07 29.8	20 34.54	-12 08.2	17.0	-0.73	-11.1		3.3/31.8	47783
1999 JZ ₁₂₃	2003 07 29.8	20 34.55	-05 22.9	17.2	-0.91	-	4.8	6.1/02.0	27624
2000 VN ₄₂	2003 07 29.8	20 34.55	-29 24.7	20.7	-1.09	-	3.1	4.1/27.6	47985
1993 UX ₇	2003 07 29.8	20 34.58	-14 51.6	19.9	-0.98	-	5.7	1.6/30.7	32999
2000 RW ₅₀	2003 07 29.8	20 34.60	-39 39.1	18.4	-1.13	-	3.4	7.1/25.1	31913
2001 FG ₃₅	2003 07 29.8	20 34.63	-02 17.1	20.0	-0.72	-	3.9	4.5/02.8	48019
2000 AX ₁₁	2003 07 29.8	20 34.64	-20 20.9	18.5	-0.85	-	3.0	0.6/29.5	47838
2000 SM ₂₂₈	2003 07 29.8	20 34.66	-29 48.2	17.3	-1.04	-	1.1	5.8/27.8	47960
1999 WT ₁₄	2003 07 29.8	20 34.79	-00 33.4	20.4	-0.73	-	1.8	4.7/02.8	13627
1999 XR ₃₈	2003 07 29.8	20 34.80	-26 36.8	18.7	-0.85	-	5.7	2.2/27.9	1549
2000 TS ₂₁	2003 07 29.8	20 34.84	-23 59.2	19.4	-0.89	-	8.4	2.7/28.5	47971
2000 SU ₂₃₅	2003 07 29.9	20 34.84	-19 47.0	19.5	-1.04	-	2.7	0.5/29.7	47961
2000 UZ ₁₀₇	2003 07 29.9	20 34.88	-27 27.9	20.0	-1.02	-	5.5	3.4/27.9	47982
2001 DH ₃₅	2003 07 29.9	20 34.89	-17 36.2	19.5	-0.85	-	4.0	0.4/30.2	13814
2000 WC ₁₁₃	2003 07 29.9	20 34.92	-25 48.8	20.8	-0.96	-	2.9	2.2/28.4	18303
2000 TP ₅₈	2003 07 29.9	20 34.98	-19 56.7	19.9	-1.01	-	5.0	0.5/29.7	47974
2001 AQ ₂₀	2003 07 29.9	20 35.00	-24 26.3	19.6	-0.91	-	6.7	1.9/28.5	29660
1999 YO ₂₅	2003 07 29.9	20 35.01	-02 59.2	18.5	-0.82	+	0.2	5.1/01.8	27657
2002 AY ₅₀	2003 07 29.9	20 35.03	-18 41.0	18.4	-1.00	-	5.1	0.0/30.0	30609
2001 AJ ₃₈	2003 07 29.9	20 35.06	-34 12.5	17.7	-1.18	+	0.3	6.2/27.2	12270
3808 T-3	2003 07 29.9	20 35.07	-50 57.9	19.7	-1.14	-	1.3	8.4/22.7	48393
2001 AM ₄	2003 07 29.9	20 35.09	-18 32.2	20.8	-0.89	-	5.8	0.0/30.0	11024
1989 JB	2003 07 29.9	20 35.10	-51 17.2	18.0	-1.39	-11.0		14.3/19.8	27575
1999 VP ₁₇₆	2003 07 29.9	20 35.12	-00 46.4	17.7	-0.96	+	1.2	7.1/01.8	47825
1999 VR ₁₅₅	2003 07 29.9	20 35.21	-20 18.7	21.0	-0.78	-	2.9	0.4/29.6	47824
2000 WT ₆₁	2003 07 29.9	20 35.25	-24 23.3	19.6	-0.98	-	5.4	2.0/28.7	34974
2002 HJ ₇	2003 07 30.0	20 35.20	-46 34.1	20.2	-0.99	-	4.5	7.4/22.8	32011

2000 SZ ₁₂₀	2003 07 30.0	20 35.22	-10 24.5	18.2	-0.91	-	5.7	3.0/32.0	30393
1998 HD ₁₁₉	2003 07 30.0	20 35.25	-00 40.9	19.0	-0.84	-	6.0	6.2/03.7	30270
2000 YJ ₂	2003 07 30.0	20 35.26	-08 28.7	20.2	-0.88	-	2.2	3.3/01.1	33333
1999 RU ₇₁	2003 07 30.0	20 35.28	-23 08.2	18.6	-0.90	-	3.7	2.0/29.0	29071
2002 GO ₁₅₂	2003 07 30.0	20 35.36	-24 47.6	18.9	-0.89	-	6.3	2.1/28.5	33992
2000 YH ₄₆	2003 07 30.0	20 35.40	-17 18.2	18.8	-0.99	-	3.5	0.6/30.3	47999
2002 EU ₇₂	2003 07 30.0	20 35.41	-18 08.4	19.9	-1.01	-	3.5	0.2/30.2	31979
2000 SF ₂₅₄	2003 07 30.0	20 35.41	-19 59.1	18.7	-1.02	-	5.6	0.5/29.7	29397
2000 WA ₁₅	2003 07 30.0	20 35.41	-20 32.8	18.7	-1.10	-	2.9	0.8/29.7	9868
2002 BN ₁₆	2003 07 30.0	20 35.42	-16 35.4	19.2	-1.01	-	3.4	0.8/30.5	27821
1999 XE ₂₃₂	2003 07 30.0	20 35.44	-22 07.8	20.9	-0.81	-	2.9	1.0/29.3	11732
2002 ES ₆₁	2003 07 30.0	20 35.51	-19 50.0	18.9	-0.98	-	1.9	0.5/29.8	30002
2000 WF ₄₂	2003 07 30.0	20 35.51	-09 15.9	20.2	-0.98	-	3.0	3.4/31.9	9395
1999 NT ₅₂	2003 07 30.0	20 35.54	+01 33.7	17.5	-0.83	-	5.2	8.5/04.3	30303
2002 GK ₂₃	2003 07 30.0	20 35.56	-21 22.8	20.6	-0.92	-	4.1	0.9/29.5	48227
2001 BQ ₈	2003 07 30.1	20 35.58	-21 53.4	19.2	-0.86	-	3.9	1.1/29.4	30446
1998 RY ₅₆	2003 07 30.1	20 35.64	-14 44.4	17.7	-0.76	-	2.7	1.7/31.0	47740
2000 SA ₂₆₁	2003 07 30.1	20 35.64	-08 03.5	19.3	-0.96	-	4.7	4.1/01.4	30402
2000 WL ₄₁	2003 07 30.1	20 35.67	-03 30.2	18.8	-0.90	-	1.3	5.1/02.0	30425
2001 BV ₅	2003 07 30.1	20 35.68	-31 10.4	19.2	-1.19	+	0.6	4.9/28.0	30446
1999 UG ₁₁	2003 07 30.1	20 35.68	-27 27.1	19.0	-0.93	+	0.2	2.2/28.5	40385
1999 TT ₅₈	2003 07 30.1	20 35.69	-12 15.8	19.9	-0.74	-	3.2	1.8/31.6	33827
1999 TX ₂₂₈	2003 07 30.1	20 35.71	-17 02.0	18.7	-0.87	-	4.1	0.6/30.5	30326
2001 EP ₅	2003 07 30.1	20 35.76	-09 10.1	20.2	-0.70	-	5.4	2.5/01.5	12307
2000 AO ₁₆₁	2003 07 30.1	20 35.80	-25 44.6	20.5	-0.84	-	2.9	2.1/28.6	30348
2000 YF ₇₂	2003 07 30.1	20 35.81	-16 30.5	19.7	-0.95	-	2.4	0.7/30.6	31377
2002 CA ₂₄₀	2003 07 30.1	20 35.82	-09 24.2	19.7	-0.92	-	5.1	3.6/01.3	30688
2001 YB ₁₁₄	2003 07 30.1	20 35.82	-11 50.9	18.7	-0.98	-	4.1	2.7/31.6	30600
1999 TB ₁₆₃	2003 07 30.1	20 35.82	-22 33.4	18.7	-0.87	-	3.7	1.3/29.3	30323
2002 AG ₁₅₂	2003 07 30.1	20 35.86	-23 26.6	20.0	-1.05	-	3.6	1.9/29.2	30622
2000 WJ ₁₂₆	2003 07 30.1	20 35.88	-35 46.8	19.1	-1.03	-	4.6	5.6/26.0	35536
2001 CJ ₆	2003 07 30.1	20 35.95	-29 12.9	19.6	-0.94	+	0.3	3.2/28.3	12284
1999 TK ₁₆₄	2003 07 30.1	20 35.98	-32 03.3	18.6	-1.04	0.0		4.9/27.8	47808
2001 BG ₃₇	2003 07 30.1	20 35.99	-15 49.6	19.4	-0.86	-	5.0	1.0/30.8	48006
2002 CL ₁₁₇	2003 07 30.2	20 35.95	-22 16.6	19.9	-0.92	-	6.9	1.2/29.3	30662
2000 WO ₉	2003 07 30.2	20 35.97	-15 25.6	18.2	-0.88	-	7.3	1.5/31.0	47987
1999 VV ₂₀₄	2003 07 30.2	20 35.99	-17 34.0	21.6	-0.78	-	3.0	0.3/30.4	17090
2000 TK ₅₉	2003 07 30.2	20 36.02	-64 14.7	19.3	-2.04	-	3.8	16.9/13.7	29434
1999 WR ₁₂	2003 07 30.2	20 36.02	-16 01.8	19.6	-0.91	-	3.5	0.9/30.8	47827
2002 AT	2003 07 30.2	20 36.05	-24 21.1	19.4	-1.17	-	2.2	2.3/29.2	33956
1999 RB ₁₃₃	2003 07 30.2	20 36.19	-09 02.1	17.9	-0.93	-	2.7	3.3/01.2	33821
2000 YA ₁₈	2003 07 30.2	20 36.23	-21 34.5	19.1	-0.90	-	5.9	0.9/29.5	31929
2002 CN ₄₂	2003 07 30.2	20 36.23	-08 26.2	18.5	-1.04	+	3.0	4.6/31.7	33529
2002 EB ₂₈	2003 07 30.2	20 36.31	-29 16.0	20.0	-1.10	-	2.5	4.1/28.2	31977
2002 EX ₂₄	2003 07 30.2	20 36.31	-19 03.9	20.0	-0.93	-	3.7	0.2/30.2	48217
1998 FS ₁₃₅	2003 07 30.2	20 36.33	-39 06.3	19.0	-1.14	-	1.3	7.8/26.3	30267
2000 CB ₅₄	2003 07 30.2	20 36.35	-15 32.7	18.4	-0.64	-	1.5	0.7/30.9	40452
2001 DU ₇₁	2003 07 30.2	20 36.40	-10 11.1	20.3	-0.70	-	4.1	2.3/01.3	13816
2001 EE ₂₀	2003 07 30.2	20 36.40	-16 50.8	20.3	-0.90	-	4.1	0.6/30.7	48016
1999 XY ₆₉	2003 07 30.3	20 36.36	-19 44.2	20.0	-0.77	-	3.3	0.3/30.0	11701
1998 SE ₁₃₇	2003 07 30.3	20 36.40	-21 32.2	17.1	-0.77	-	5.5	1.1/29.6	47750

2002 AC ₈	2003 07 30.3	20 36.43	-09 55.4	19.3	-1.00	- 5.5	4.0/01.3	48184
2000 SL ₂₀₀	2003 07 30.3	20 36.54	-27 26.8	19.9	-1.14	- 2.6	3.6/28.6	47958
2000 SK ₁₅₆	2003 07 30.3	20 36.57	-23 07.7	18.0	-1.03	- 2.7	1.7/29.4	30395
1999 RO ₁₀₈	2003 07 30.3	20 36.58	-11 10.1	19.3	-1.00	- 1.8	2.9/31.7	1455
2000 VU ₄	2003 07 30.3	20 36.65	-23 07.7	19.7	-1.01	- 4.7	1.8/29.4	47983
1999 VO ₉₈	2003 07 30.3	20 36.67	-24 55.1	19.7	-0.85	- 3.0	2.0/29.0	29175
2000 YR ₁₀	2003 07 30.3	20 36.67	-17 15.3	18.0	-0.96	- 6.4	0.6/30.7	47998
1999 RV ₁₁₇	2003 07 30.3	20 36.70	+05 58.1	18.1	-0.78	- 6.0	10.6/06.0	47792
2002 CJ ₁₈	2003 07 30.3	20 36.78	-31 01.5	18.9	-1.12	- 6.1	5.4/27.4	30638
1999 XG ₁₁₉	2003 07 30.3	20 36.79	-13 33.0	17.4	-0.92	+ 0.5	2.2/31.2	33164
1999 GZ ₈	2003 07 30.3	20 36.80	-14 45.2	18.9	-0.99	- 5.9	1.6/31.3	27616
2000 YQ ₆₉	2003 07 30.3	20 36.81	-22 55.8	16.7	-0.98	- 7.2	2.1/29.3	31931
1994 RL ₂₆	2003 07 30.3	20 36.81	-12 50.2	20.6	-0.85	- 3.1	2.0/31.6	47693
2000 WB ₉₅	2003 07 30.3	20 36.83	-24 13.5	17.8	-1.05	- 6.3	2.8/29.0	8549
1999 TM ₈₂	2003 07 30.4	20 36.76	-20 22.4	19.7	-0.89	- 3.5	0.6/30.0	30320
2000 QK ₃	2003 07 30.4	20 36.76	-14 28.7	18.2	-0.96	- 5.8	2.1/31.4	47910
1999 UW ₂₄	2003 07 30.4	20 36.81	-32 34.8	18.2	-0.93	- 1.4	4.1/27.6	47816
2002 GO ₉₈	2003 07 30.4	20 36.85	-06 04.7	19.9	-0.88	- 3.4	4.3/02.2	33551
2000 UT ₁₃	2003 07 30.4	20 36.86	-13 45.6	17.9	-1.04	- 2.4	2.1/31.3	29444
2000 YX ₁₂₀	2003 07 30.4	20 36.93	-16 12.2	19.5	-0.93	- 1.8	0.9/30.9	30443
1997 AG ₂	2003 07 30.4	20 36.95	-18 32.5	20.0	-0.95	- 2.4	0.0/30.5	8019
2000 RL ₇₆	2003 07 30.4	20 36.98	-25 24.3	19.0	-1.17	- 1.2	2.8/29.2	30383
4729 P-L	2003 07 30.4	20 36.99	-15 23.4	18.5	-0.87	- 5.5	1.6/31.2	48387
2002 CV ₂₃₆	2003 07 30.4	20 37.01	-08 56.8	18.2	-0.73	- 7.0	3.1/02.1	31971
2000 RF ₈₃	2003 07 30.4	20 37.05	-38 08.1	18.0	-1.65	+ 7.9	8.7/29.4	47937
1997 EJ ₅₀	2003 07 30.4	20 37.06	+20 33.1	17.3	-0.85	-12.5	18.9/15.8	47710
1997 SW ₄	2003 07 30.4	20 37.06	-23 29.1	18.8	-1.02	- 5.3	2.5/29.3	47714
2002 CB ₁₇₀	2003 07 30.4	20 37.08	-21 58.9	20.1	-1.05	- 5.1	1.3/29.7	30674
2000 YP ₉₁	2003 07 30.4	20 37.10	-24 53.6	19.9	-0.90	- 4.5	2.2/29.0	48001
1998 HH ₁₂	2003 07 30.4	20 37.15	-55 55.3	20.0	-1.51	- 1.0	13.0/21.2	30268
2001 BD ₇₅	2003 07 30.4	20 37.15	+01 05.7	19.2	-0.86	- 5.3	6.2/04.2	12282
2000 YB ₉₉	2003 07 30.4	20 37.16	-20 59.9	19.1	-0.90	- 6.0	0.9/29.9	33345
2002 FE ₂₀	2003 07 30.4	20 37.17	-27 21.8	20.3	-0.97	- 5.5	3.1/28.4	31485
2002 CA ₁	2003 07 30.5	20 37.17	-09 16.7	19.7	-1.03	- 2.9	3.8/01.4	48197
2002 CT ₁₀	2003 07 30.5	20 37.19	-31 19.2	19.0	-1.10	-11.8	4.6/26.8	30636
2000 YJ ₃₅	2003 07 30.5	20 37.25	-22 57.2	19.7	-1.03	- 7.0	1.9/29.4	9898
1999 TB ₁₃	2003 07 30.5	20 37.32	-14 39.9	17.2	-0.97	+ 0.9	1.7/31.2	47800
1992 RP ₁	2003 07 30.5	20 37.33	-14 06.9	17.7	-0.76	- 3.7	1.8/31.6	47685
1999 TO ₇₃	2003 07 30.5	20 37.35	-16 02.6	20.5	-0.87	- 3.4	0.8/31.1	11577
2000 RN ₉₂	2003 07 30.5	20 37.40	-21 10.5	19.7	-1.12	- 0.7	1.1/30.1	47938
2002 EV ₁₀₅	2003 07 30.5	20 37.41	-32 52.1	20.4	-1.09	- 2.1	5.3/27.7	48222
1998 EW ₇	2003 07 30.5	20 37.46	-11 38.8	19.8	-0.95	- 4.1	2.4/01.1	30261
2000 SN ₃₀₄	2003 07 30.5	20 37.48	-16 41.2	19.7	-0.98	- 2.0	0.6/30.9	34966
2000 YL ₇₈	2003 07 30.5	20 37.50	-24 19.0	19.7	-0.94	- 4.6	2.0/29.3	48000
2000 UM ₈	2003 07 30.5	20 37.53	-38 26.8	19.9	-1.17	- 4.4	7.6/25.8	31342
1997 WD ₇	2003 07 30.5	20 37.54	-17 00.2	18.0	-1.06	- 1.5	0.6/30.9	47718
1999 XD ₁₂₂	2003 07 30.5	20 37.54	-21 42.0	18.3	-0.99	+ 0.3	1.3/30.0	12214
2000 VC ₂₉	2003 07 30.5	20 37.54	-22 09.6	17.3	-0.91	- 7.8	1.8/29.6	33299
2001 BH ₃₅	2003 07 30.5	20 37.56	-09 48.5	20.3	-0.77	- 5.4	2.4/01.7	12276
2000 ST ₁₄₆	2003 07 30.5	20 37.58	-07 44.7	17.5	-0.92	- 3.7	5.3/02.0	27712
1993 FC ₁₀	2003 07 30.5	20 37.61	-36 00.6	18.1	-1.04	- 2.3	6.5/26.9	30243

1999 RQ ₁₈₄	2003 07 30.6	20 37.52	-26 31.9	18.0	-0.93	- 4.6	3.5/28.7	47795
2000 WJ ₇	2003 07 30.6	20 37.65	-10 12.1	19.6	-0.94	- 5.7	3.4/01.6	33305
1999 RN ₁₃₃	2003 07 30.6	20 37.65	+03 01.1	17.8	-0.75	- 6.5	9.7/05.9	47792
1999 XW ₄₁	2003 07 30.6	20 37.69	-16 09.5	19.2	-0.96	- 2.8	0.9/31.1	40410
2000 QS ₄	2003 07 30.6	20 37.75	-18 31.6	17.9	-1.07	- 3.1	0.0/30.6	47910
1998 QW ₅₀	2003 07 30.6	20 37.77	-35 27.9	19.1	-0.97	- 0.7	4.8/27.2	12132
1999 JS ₁₃₁	2003 07 30.6	20 37.81	-26 05.3	18.5	-1.03	- 6.4	3.0/28.8	30299
2000 WR ₄₁	2003 07 30.6	20 37.93	-14 37.1	17.9	-0.89	- 6.2	1.5/31.6	31923
1999 TT ₂₃₃	2003 07 30.6	20 37.94	-08 28.4	19.5	-0.88	- 1.6	3.4/01.7	12177
2002 EJ ₈₆	2003 07 30.7	20 37.91	-17 41.4	19.3	-0.92	- 4.5	0.3/30.9	48221
1998 SV ₄₉	2003 07 30.7	20 38.03	-25 29.6	19.5	-0.81	- 2.7	2.0/29.2	47745
2002 EA ₁₁₉	2003 07 30.7	20 38.06	-01 57.3	20.3	-0.83	- 5.8	6.0/04.0	30070
1999 JO ₁₃₁	2003 07 30.7	20 38.07	-15 13.2	19.2	-1.00	- 3.3	1.4/31.4	47782
2001 CD ₂₂	2003 07 30.7	20 38.11	-22 37.5	19.4	-0.82	- 2.2	1.2/29.9	31938
2000 YW ₁₁₂	2003 07 30.7	20 38.12	-25 20.3	20.1	-0.88	- 5.7	2.2/29.1	12265
1999 UD ₂₇	2003 07 30.7	20 38.16	-34 41.2	18.6	-1.09	0.0	5.9/27.9	30329
2002 EH ₁₉	2003 07 30.7	20 38.18	-14 12.6	18.6	-1.05	+ 1.2	1.6/31.4	29951
2002 CB ₁₁₈	2003 07 30.7	20 38.21	-12 11.8	20.2	-0.94	- 4.5	2.3/01.2	30662
1999 RR ₁₂₂	2003 07 30.7	20 38.23	-21 24.2	19.4	-0.94	- 2.6	1.0/30.2	47792
2002 CD ₄₃	2003 07 30.7	20 38.28	-26 12.2	19.2	-1.01	- 5.4	2.8/29.0	48200
1999 XX ₁₃	2003 07 30.7	20 38.29	+04 32.9	20.8	-0.72	- 2.7	6.2/05.3	47828
2001 CT ₂₁	2003 07 30.7	20 38.33	-24 57.6	20.2	-0.90	- 5.9	2.0/29.2	11046
2002 BS ₂₅	2003 07 30.7	20 38.36	-15 43.0	19.0	-1.06	- 1.4	1.1/31.3	29765
2000 VR ₆	2003 07 30.7	20 38.36	-31 33.2	20.2	-1.19	- 4.8	5.2/27.8	9859
2000 RQ ₉₀	2003 07 30.7	20 38.37	-09 58.0	19.2	-1.06	- 1.5	3.7/01.3	47938
1999 VS ₅₅	2003 07 30.8	20 38.30	-15 08.3	19.0	-0.89	- 3.3	1.3/31.5	2682
2000 WS ₅₀	2003 07 30.8	20 38.30	-32 11.1	18.8	-0.99	- 7.8	4.8/27.1	12253
2002 JN ₉₀	2003 07 30.8	20 38.30	-05 59.8	19.2	-0.78	- 2.4	4.3/02.5	35195
2000 RT ₉₁	2003 07 30.8	20 38.31	-06 38.6	17.6	-0.83	- 4.1	6.6/02.0	47938
1999 TH ₁₁₀	2003 07 30.8	20 38.31	-17 25.3	18.2	-0.92	- 2.0	0.4/31.0	30321
2002 AC ₁₃	2003 07 30.8	20 38.33	-16 27.7	19.0	-0.97	- 6.7	0.8/31.3	30604
2002 GW ₇₀	2003 07 30.8	20 38.34	-35 27.1	20.4	-0.91	- 3.5	5.4/26.9	48228
2000 XA ₂₉	2003 07 30.8	20 38.47	-18 05.3	17.7	-0.87	- 0.4	0.1/30.9	47996
2002 JL ₆₉	2003 07 30.8	20 38.56	-36 38.6	19.0	-1.00	- 4.3	6.1/26.5	32024
2000 WX ₂₀	2003 07 30.8	20 38.59	-21 24.0	17.8	-0.92	- 5.8	1.2/30.2	30424
1999 TT ₁₄₄	2003 07 30.8	20 38.62	-12 02.4	20.0	-0.88	- 4.1	2.8/01.3	47807
1998 SC ₁₂₇	2003 07 30.8	20 38.63	-18 26.9	18.5	-0.78	- 4.8	0.0/30.9	47749
2000 SC ₁₉₁	2003 07 30.8	20 38.66	-16 57.7	19.6	-1.00	- 5.6	0.6/31.2	30398
2002 AD ₃	2003 07 30.8	20 38.69	-15 42.7	18.6	-1.43	+ 4.8	1.3/31.2	30603
2002 AR ₁₆₄	2003 07 30.8	20 38.69	-17 45.9	18.5	-1.02	- 2.2	0.3/31.0	30625
2000 TN ₃₃	2003 07 30.8	20 38.69	+15 19.7	16.7	-1.27	+12.1	17.3/01.4	47972
2001 YU ₁₃₃	2003 07 30.8	20 38.71	-24 44.2	20.2	-1.06	- 3.6	2.7/29.6	48182
1999 HQ ₉	2003 07 30.8	20 38.73	-07 42.2	17.7	-0.96	- 3.8	4.8/02.3	35468
2002 ED ₁₃₃	2003 07 30.8	20 38.75	-14 39.9	19.5	-0.86	- 3.5	1.5/31.7	30076
2002 CC ₁₀₈	2003 07 30.8	20 38.77	-16 05.7	19.2	-0.93	- 5.4	0.9/31.4	30660
2002 AE ₆₄	2003 07 30.9	20 38.69	-15 14.2	19.8	-1.00	- 3.9	1.2/31.6	30611
1999 TG ₂₆₈	2003 07 30.9	20 38.76	-01 52.0	18.7	-0.92	+ 0.2	6.7/03.1	33116
2000 AC ₁	2003 07 30.9	20 38.78	-17 34.0	20.0	-0.81	- 3.3	0.3/31.1	13089
2001 BF ₆	2003 07 30.9	20 38.80	-09 00.3	19.8	-0.90	- 4.2	3.6/02.0	30446
2001 CL ₂₁	2003 07 30.9	20 38.87	-25 06.6	19.9	-1.02	- 1.3	2.4/29.7	48009
2002 GS ₁₅	2003 07 30.9	20 38.87	-42 19.8	19.0	-1.16	- 1.1	8.4/26.1	30138

2000 YO ₇₆	2003 07 30.9	20 38.88	-15 54.1	19.8	-0.99	- 3.5	1.0/31.5	48000	1995 BP ₈	2003 07 31.2	20 39.94	-21 02.7	21.6	-1.06	- 3.6	1.0/30.7	47695
2000 SE ₁₆₆	2003 07 30.9	20 38.89	-12 14.9	18.6	-1.03	- 2.0	2.4/01.1	29370	2000 UT ₂₈	2003 07 31.2	20 39.95	-16 22.7	20.6	-0.98	- 3.3	0.7/31.6	47976
1999 VV ₅	2003 07 30.9	20 38.91	-32 19.3	18.1	-0.89	- 4.8	4.4/27.5	31873	2000 QY ₂₁₇	2003 07 31.2	20 39.96	-33 27.1	18.1	-0.98	- 3.1	4.9/27.9	33882
1981 EP ₃₃	2003 07 30.9	20 38.92	-07 13.3	19.1	-0.95	- 4.4	4.7/02.5	28924	2002 EE ₇₈	2003 07 31.2	20 39.97	-34 40.0	19.7	-0.97	- 1.5	5.8/27.8	30715
2000 VV ₃₀	2003 07 30.9	20 38.92	-37 03.0	20.0	-1.12	- 6.2	6.3/26.1	10996	2000 TW ₂₇	2003 07 31.2	20 39.98	+20 47.4	21.2	-0.83	- 3.4	10.2/11.4	33279
2002 FG ₂	2003 07 30.9	20 38.95	-23 05.8	20.9	-1.02	- 3.5	1.6/30.0	48224	2002 CO ₇₈	2003 07 31.2	20 40.02	-19 05.6	17.9	-0.83	- 7.0	0.3/31.0	35571
2000 UN ₂₄	2003 07 30.9	20 38.97	-11 57.7	19.4	-0.98	- 5.2	2.8/01.4	33283	2000 SY ₂₈₈	2003 07 31.2	20 40.05	-20 54.3	18.9	-1.12	- 1.2	1.0/30.8	30404
2000 TA ₁₈	2003 07 30.9	20 38.98	-07 29.7	18.7	-0.93	- 4.6	4.6/02.5	27728	2001 BQ ₆₈	2003 07 31.2	20 40.14	-30 38.9	19.3	-1.16	- 1.8	4.4/28.8	12281
2000 SV ₁₄₈	2003 07 30.9	20 39.02	-13 10.1	18.0	-0.97	- 3.9	2.2/01.1	27712	2000 SL ₁₁₂	2003 07 31.2	20 40.16	-08 25.4	19.2	-0.95	- 4.4	3.9/02.5	29345
1998 HS ₂	2003 07 30.9	20 39.03	-14 57.9	20.2	-0.90	- 4.3	1.1/31.8	31814	2001 FG ₃₁	2003 07 31.2	20 40.20	+09 50.9	23.2	-0.66	- 2.8	5.7/07.6	30453
1995 SZ ₈₈	2003 07 30.9	20 39.04	-13 42.3	20.0	-0.87	- 3.5	1.7/01.0	47698	1999 RZ ₂₀₄	2003 07 31.2	20 40.24	+00 31.5	20.3	-0.96	+ 0.2	7.7/03.4	2656
2002 CC ₅₆	2003 07 30.9	20 39.05	-20 51.4	19.1	-1.01	- 1.7	0.9/30.5	30647	1997 CD ₁₈	2003 07 31.2	20 40.27	-17 20.0	19.3	-1.02	- 0.6	0.4/31.5	47709
1999 JT ₁₈	2003 07 30.9	20 39.06	-23 48.3	16.8	-1.06	- 0.4	2.7/30.0	30295	1994 CZ ₁₇	2003 07 31.2	20 40.27	-13 12.1	19.3	-0.88	- 8.5	1.9/01.7	47691
2000 UH ₇₂	2003 07 30.9	20 39.11	-19 06.2	19.8	-1.01	- 3.2	0.2/30.8	7277	2002 JN ₁₄	2003 07 31.2	20 40.28	-06 07.6	18.6	-0.81	- 6.8	3.9/03.5	33996
2000 AS ₁₇₀	2003 07 30.9	20 39.11	-16 23.6	19.0	-0.88	- 7.6	0.8/31.5	18226	2000 WB ₅₇	2003 07 31.2	20 40.28	-13 34.9	19.3	-0.89	- 3.1	1.5/01.3	31924
1999 XS ₄₀	2003 07 30.9	20 39.12	-02 45.3	19.7	-0.78	- 1.8	4.6/03.3	34825	2000 SZ ₂₃₇	2003 07 31.2	20 40.28	-26 40.7	18.7	-1.03	- 6.4	3.2/29.2	47961
2002 JZ ₂₀	2003 07 31.0	20 39.07	-01 56.0	18.4	-0.78	- 1.8	6.0/03.5	48233	2001 FO ₁₁₂	2003 07 31.2	20 40.30	-31 12.1	20.1	-0.92	- 1.7	3.8/28.6	12076
2000 RC ₂₂	2003 07 31.0	20 39.08	+09 37.7	19.4	-0.93	- 6.3	9.3/07.3	33245	2000 UK ₉₃	2003 07 31.2	20 40.33	-24 03.1	19.6	-1.07	- 2.0	2.1/30.2	9855
2000 NP ₁₄	2003 07 31.0	20 39.10	-19 19.4	18.1	-0.94	- 5.6	0.5/30.8	30357	2000 PB ₁₃	2003 07 31.2	20 40.37	+02 05.9	16.7	-1.48	+14.1	10.5/31.1	47908
1999 RJ ₃₇	2003 07 31.0	20 39.11	+14 38.0	17.3	-0.48	- 3.8	17.8/12.0	46373	2001 CD ₂₉	2003 07 31.3	20 40.29	-20 19.3	19.1	-0.91	- 7.4	0.6/30.8	12289
1999 XU ₁₈₃	2003 07 31.0	20 39.15	-17 43.6	19.2	-0.83	- 1.5	0.2/31.2	47834	2002 GN ₁₀₃	2003 07 31.3	20 40.30	-30 38.9	19.3	-0.83	- 4.8	4.0/28.3	31576
1997 YX ₁₇	2003 07 31.0	20 39.20	-18 43.8	19.4	-1.09	- 0.9	0.1/31.0	30258	2000 UZ ₄₄	2003 07 31.3	20 40.31	-33 17.8	19.6	-1.05	- 4.1	5.5/27.9	47978
1999 RO ₇₆	2003 07 31.0	20 39.22	-16 08.0	19.7	-0.89	- 4.2	0.8/31.5	15644	2000 UK ₆₆	2003 07 31.3	20 40.33	-24 43.2	19.7	-1.04	- 2.9	2.4/30.0	47979
2002 EH ₁₀₇	2003 07 31.0	20 39.28	-29 35.3	20.4	-1.01	- 3.9	3.6/28.6	31982	2000 VP ₅₀	2003 07 31.3	20 40.39	-34 51.1	18.7	-1.01	- 4.6	5.3/27.3	31922
1998 KN ₂₆	2003 07 31.0	20 39.38	-43 16.7	18.8	-1.04	- 2.2	11.1/25.1	40326	1999 RG ₂₃	2003 07 31.3	20 40.41	-26 26.7	19.2	-0.97	- 2.4	3.3/29.6	30305
2001 DX ₉₂	2003 07 31.0	20 39.38	-10 08.3	19.4	-0.73	- 5.9	2.6/02.2	31403	2000 UJ ₃₀	2003 07 31.3	20 40.41	-20 15.7	18.4	-0.91	- 5.3	1.0/30.9	47976
1999 TF ₁₀₇	2003 07 31.0	20 39.40	-02 34.1	19.0	-0.96	- 0.3	5.8/02.8	18213	1998 DQ ₃₄	2003 07 31.3	20 40.42	-24 28.7	20.5	-1.01	- 3.1	2.2/30.1	47724
2000 YQ ₁₉	2003 07 31.0	20 39.44	-54 26.4	21.6	-1.31	- 1.9	9.6/22.1	12261	1999 RJ ₁₅	2003 07 31.3	20 40.42	-25 34.7	17.8	-0.96	- 2.7	3.1/29.8	30304
1999 VT ₁₆₆	2003 07 31.0	20 39.45	-04 52.1	19.3	-0.80	- 1.4	4.3/02.9	47824	2002 JS ₇	2003 07 31.3	20 40.46	-02 45.6	19.5	-0.73	- 4.3	4.9/04.2	48232
2000 SO ₁₆₆	2003 07 31.0	20 39.45	-12 20.3	18.7	-1.07	- 2.1	2.6/01.2	29370	2002 KQ ₂	2003 07 31.3	20 40.47	-12 05.0	19.9	-0.85	- 3.4	2.1/01.7	48238
1999 XK ₁₀₉	2003 07 31.0	20 39.48	-31 39.9	18.6	-0.87	- 4.3	4.1/27.9	31884	1994 CY ₁₀	2003 07 31.3	20 40.48	-18 36.6	17.3	-0.95	- 6.5	0.1/31.3	30246
2001 DZ ₇₅	2003 07 31.0	20 39.48	-18 28.8	19.9	-0.81	- 3.6	0.0/31.1	13261	2002 FH ₂₂	2003 07 31.3	20 40.57	-16 59.2	19.0	-0.85	- 9.6	0.5/31.7	33540
1999 RR ₂₂₅	2003 07 31.0	20 39.52	-16 57.5	19.7	-0.87	- 3.6	0.5/31.4	33824	2000 XB ₂	2003 07 31.3	20 40.61	+17 40.9	19.8	-1.15	+ 5.1	14.9/04.4	46519
1999 VP ₅₀	2003 07 31.0	20 39.53	-20 40.1	19.4	-0.87	- 2.9	0.7/30.6	47820	1998 FF ₄₈	2003 07 31.3	20 40.64	-04 58.4	18.7	-0.88	- 4.6	4.9/03.6	47726
2002 CP ₂₅₆	2003 07 31.0	20 39.54	-25 22.1	19.9	-1.14	- 2.2	3.0/29.8	31972	2000 AY ₁₄₈	2003 07 31.3	20 40.64	+12 52.6	19.0	-0.75	- 0.7	8.4/07.6	33858
1999 TW ₁₅₃	2003 07 31.1	20 39.48	-29 54.8	18.1	-0.95	- 4.0	4.0/28.4	31869	1999 JJ ₁	2003 07 31.3	20 40.67	-06 45.9	19.0	-0.90	- 5.6	5.5/03.3	2647
2002 CC ₁₄₂	2003 07 31.1	20 39.61	-27 06.4	18.0	-1.60	+13.5	4.5/31.0	48206	2002 CX ₁₄₃	2003 07 31.3	20 40.68	-12 49.6	19.0	-0.94	- 6.7	2.2/01.8	30669
2000 SK ₂₁₈	2003 07 31.1	20 39.62	-25 46.8	15.5	-0.83	- 9.8	4.0/28.9	47960	2000 BO ₂₃	2003 07 31.3	20 40.69	-41 17.7	21.1	-1.06	- 1.5	6.7/26.1	47847
1999 TP ₁₇₇	2003 07 31.1	20 39.67	-22 16.7	19.4	-0.86	- 3.9	1.3/30.3	30324	2002 CX ₁₀₀	2003 07 31.3	20 40.71	-24 00.3	19.4	-1.11	- 2.3	2.3/30.3	48203
2002 AA ₁₃₃	2003 07 31.1	20 39.68	-24 32.1	19.4	-0.97	- 4.9	2.4/29.8	25582	2000 SM ₁₂₀	2003 07 31.3	20 40.72	-28 32.9	17.6	-1.05	- 6.0	5.0/28.9	33259
2002 FJ ₁₀	2003 07 31.1	20 39.78	-09 08.5	19.7	-0.87	- 5.0	3.0/02.4	30103	2002 CA ₉₈	2003 07 31.4	20 40.65	-11 07.9	20.3	-0.87	- 7.9	2.6/02.3	48203
1999 JM ₆	2003 07 31.1	20 39.79	+04 41.1	17.9	-0.93	- 1.2	10.8/05.4	47777	2002 GO ₄₃	2003 07 31.4	20 40.72	-08 58.0	19.8	-0.95	- 4.4	3.8/02.5	31516
2001 BY	2003 07 31.1	20 39.92	-31 50.0	19.8	-0.93	- 1.4	4.0/28.4	12272	2002 GJ ₇₄	2003 07 31.4	20 40.72	-21 14.0	18.6	-0.84	- 3.7	1.0/30.8	31543
2001 AY ₃₀	2003 07 31.1	20 39.93	-21 30.8	18.2	-1.04	- 1.4	1.2/30.6	29663	2001 DK ₂₄	2003 07 31.4	20 40.73	-18 52.5	17.6	-0.93	- 6.5	0.2/31.3	33897
2002 CL ₁₃₄	2003 07 31.2	20 39.85	-22 05.8	19.1	-1.03	- 2.0	1.6/30.5	48206	2002 CJ ₄₂	2003 07 31.4	20 40.77	-05 45.9	19.3	-1.03	- 0.8	4.8/02.8	27831
2002 EM ₉₇	2003 07 31.2	20 39.88	-10 03.6	19.5	-0.96	- 3.0	3.0/02.0	30720	2001 XF ₃₃	2003 07 31.4	20 40.77	-20 29.3	19.7	-1.05	- 6.7	0.9/30.9	26068
2000 UE ₆₀	2003 07 31.2	20 39.89	-15 25.2	17.7	-0.99	- 1.4	1.5/31.8	29468	1989 CC ₃	2003 07 31.4	20 40.78	-09 08.9	17.1	-0.93	+ 2.1	3.4/01.8	47681
1999 XN ₁₁₆	2003 07 31.2	20 39.89	-37 25.4	19.0	-0.95	- 2.7	5.9/26.8	31884	1995 SZ ₂₉	2003 07 31.4	20 40.82	-32 40.2	17.5	-0.96	- 3.6	7.4/27.8	47697
2000 WQ ₁₆₆	2003 07 31.2	20 39.93	-17 39.0	20.3	-0.99	- 4.6	0.3/31.4	34981	2000 UY ₅	2003 07 31.4	20 40.84	-58 54.4	20.2	-1.49	- 3.3	10.5/19.8	10993
2001 BK ₄₅	2003 07 31.2	20 39.94	-23 36.5	18.2	-0.97	+ 1.8	1.5/30.4	13807	1998 SB ₁₁	2003 07 31.4	20 40.84	-20 47.2	18.3	-0.88	- 0.9	0.8/31.0	30282
2002 EW ₁₀₁	2003 07 31.2	20 39.94	-43 49.3	17.3	-1.15	- 0.2	11.6/25.9	30059	2002 JN ₅₃	2003 07 31.4	20 40.85	-33 25.0	19.7	-0.89	- 2.2	4.7/28.1	32022

2000 VR ₃₄	2003 07 31.4	20 40.87	-21 55.5	18.3	-1.02	- 5.2	1.5/30.6	31348
2002 FC ₂₀	2003 07 31.4	20 40.88	-18 09.1	19.2	-1.08	- 0.6	0.1/31.5	31485
1138 T-3	2003 07 31.4	20 40.94	-42 28.3	18.9	-1.24	+ 2.6	10.2/27.5	30773
9564 P-L	2003 07 31.4	20 40.96	-24 41.5	18.8	-1.06	- 5.0	2.9/30.0	30772
2000 QR ₁₃₇	2003 07 31.4	20 40.98	-22 19.4	18.8	-1.09	- 3.1	1.6/30.7	47923
2000 SD ₁₄₇	2003 07 31.4	20 40.98	-24 12.6	19.1	-1.05	- 2.5	2.9/30.3	29359
2002 HV ₁₂	2003 07 31.4	20 41.00	-29 53.7	19.2	-1.04	-10.0	3.7/28.2	32012
2001 XZ ₆₄	2003 07 31.4	20 41.01	-18 53.8	19.2	-1.06	- 6.0	0.2/31.3	33949
2001 BS ₅	2003 07 31.4	20 41.03	-28 36.8	18.2	-0.90	- 7.1	3.5/28.7	31935
2002 JE ₄₆	2003 07 31.5	20 41.04	-33 10.9	19.7	-0.97	- 2.1	5.0/28.3	48234
2000 WZ ₁₀₈	2003 07 31.5	20 41.11	-27 36.1	20.4	-1.09	- 3.9	3.5/29.5	33317
2002 GU ₈₂	2003 07 31.5	20 41.15	-39 06.8	21.2	-1.07	- 3.4	6.6/26.7	31553
2001 XL ₁₀₃	2003 07 31.5	20 41.15	+15 37.7	18.9	-1.36	+ 8.3	17.8/04.1	26076
1999 VB ₉₈	2003 07 31.5	20 41.19	-16 00.5	18.5	-0.84	- 3.5	0.8/01.0	30334
2002 JC ₈₅	2003 07 31.5	20 41.19	-18 06.4	18.7	-0.83	- 2.8	0.1/31.6	31720
1998 HC ₁	2003 07 31.5	20 41.24	-05 54.4	18.7	-0.83	- 6.6	4.4/03.8	33766
2001 BT ₅	2003 07 31.5	20 41.24	-26 47.2	17.7	-0.96	-10.1	3.3/29.1	29670
2002 GM ₁₁₅	2003 07 31.5	20 41.27	-16 29.7	20.0	-0.89	- 6.1	0.6/32.0	48230
2000 YR ₄₂	2003 07 31.5	20 41.34	-15 04.2	18.2	-0.96	- 2.7	1.4/01.2	30440
2000 SR ₂₆₃	2003 07 31.5	20 41.34	-16 01.0	19.4	-1.00	- 3.7	0.8/01.0	47963
1999 XD ₁₅₃	2003 07 31.5	20 41.44	-11 46.8	20.9	-0.76	- 4.4	1.9/02.2	47833
2001 DZ ₅₀	2003 07 31.5	20 41.45	-31 32.9	18.8	-0.98	- 6.1	4.7/28.1	48011
1999 VY ₉	2003 07 31.5	20 41.45	-25 11.7	18.4	-0.92	- 1.2	2.1/30.2	33836
2001 AQ ₅₀	2003 07 31.5	20 41.45	-26 32.0	20.2	-0.80	- 6.0	2.4/29.5	48005
2002 BH ₃₁	2003 07 31.5	20 41.47	-22 39.4	18.1	-0.89	- 7.8	1.9/30.4	35570
2000 ST ₁₅₄	2003 07 31.5	20 41.52	-33 18.4	19.9	-1.17	- 4.1	6.3/28.1	47954
2002 GQ ₅₇	2003 07 31.6	20 41.46	-07 23.2	18.7	-0.90	- 1.1	4.2/02.8	31530
2000 SA ₂₅₆	2003 07 31.6	20 41.47	-31 03.9	19.0	-1.09	- 3.9	5.1/28.8	29397
2002 BY ₁	2003 07 31.6	20 41.47	-18 19.4	19.3	-1.01	- 3.3	0.0/31.6	30629
1981 ET ₁₂	2003 07 31.6	20 41.47	-07 15.2	19.8	-0.98	- 4.2	4.3/03.1	38170
2000 YY ₆₃	2003 07 31.6	20 41.48	-17 31.3	19.6	-0.81	- 2.9	0.2/31.8	30441
2002 AL ₁₂₅	2003 07 31.6	20 41.52	-19 57.1	20.3	-1.03	- 3.3	0.6/31.3	48191
2002 GT ₇₅	2003 07 31.6	20 41.55	-15 53.9	20.3	-0.93	- 3.1	0.8/01.1	31545
1988 RH ₄	2003 07 31.6	20 41.57	-30 30.6	16.4	-0.96	+ 2.4	6.7/29.7	47681
2001 XM ₁₁₉	2003 07 31.6	20 41.58	-24 46.3	18.6	-1.01	- 5.0	2.4/30.1	48167
1998 RG ₁	2003 07 31.6	20 41.66	-08 49.2	18.1	-0.72	- 4.2	2.5/02.9	47737
2002 FV ₂	2003 07 31.6	20 41.70	-26 38.7	19.1	-0.86	- 2.9	2.8/29.8	30729
1998 SY ₁	2003 07 31.6	20 41.72	-16 47.6	19.3	-0.75	- 5.9	0.5/01.0	47742
2000 SP ₂₅₈	2003 07 31.6	20 41.75	-19 01.2	19.0	-1.00	- 5.9	0.3/31.5	33884
2002 CR ₈₀	2003 07 31.6	20 41.76	-16 26.8	21.1	-0.99	- 6.1	0.7/01.1	30653
2002 EA ₇₄	2003 07 31.6	20 41.76	-51 10.0	20.0	-1.42	+ 1.1	11.5/25.2	30020
1996 XM ₂₁	2003 07 31.6	20 41.81	-27 05.6	19.6	-1.03	- 2.1	3.2/29.9	47707
2000 UP ₁₆	2003 07 31.6	20 41.83	-25 58.5	16.8	-1.09	- 0.7	3.9/30.2	30412
1999 XX ₁₁₅	2003 07 31.6	20 41.87	-08 13.2	18.3	-0.82	- 1.5	3.2/02.8	31884
2002 CS ₁₂₈	2003 07 31.7	20 41.85	-16 09.0	19.8	-1.06	- 2.4	0.9/01.1	30665
1995 OO ₈	2003 07 31.7	20 41.85	-23 49.5	21.1	-1.07	- 3.1	2.1/30.5	15010
2000 SQ ₂₅₈	2003 07 31.7	20 41.86	-15 56.6	19.1	-0.95	- 4.8	0.9/01.2	47963
2000 SP ₈₄	2003 07 31.7	20 41.90	-26 14.1	18.2	-1.12	- 4.5	3.5/29.9	31914
1995 YL	2003 07 31.7	20 41.91	-12 07.3	20.0	-0.87	- 1.8	1.9/02.0	47701
1999 VW ₃₉	2003 07 31.7	20 41.92	-40 47.9	18.3	-1.09	- 2.7	9.6/26.1	30332
2000 AY ₁₅₃	2003 07 31.7	20 41.95	-34 31.2	18.1	-0.87	- 4.3	4.9/27.6	31319

1999 VM ₇₁	2003 07 31.7	20 41.96	-22 15.7	19.2	-0.88	- 3.2	1.5/30.8	30333
1998 SQ ₅₃	2003 07 31.7	20 41.97	-31 14.2	18.0	-1.02	+ 0.6	4.7/29.3	38790
2002 BE ₂₆	2003 07 31.7	20 41.98	-53 13.6	20.6	-1.49	- 3.9	11.8/23.0	30634
1999 XS ₁₈₈	2003 07 31.7	20 41.99	-16 31.5	18.5	-0.85	- 1.1	0.5/01.1	11727
1998 SG ₅₅	2003 07 31.7	20 42.05	-17 45.2	18.5	-0.81	- 3.4	0.2/31.9	47745
2000 SX ₂₃₃	2003 07 31.7	20 42.05	-25 22.0	18.2	-1.03	- 7.6	3.1/29.9	47961
1998 GP ₈	2003 07 31.7	20 42.08	-25 12.4	18.7	-0.94	- 7.2	2.5/30.0	30267
1999 JJ ₂	2003 07 31.7	20 42.11	-16 39.0	18.8	-0.99	- 6.3	0.7/01.1	47777
2000 WX ₁₃₆	2003 07 31.7	20 42.17	-11 27.3	20.1	-0.85	- 2.4	2.0/02.2	29584
1998 QG ₆₂	2003 07 31.7	20 42.20	-15 29.9	18.7	-0.86	- 0.7	0.9/01.3	47736
2002 GA ₁₅₄	2003 07 31.7	20 42.27	-41 27.4	17.5	-0.92	- 7.0	8.8/24.6	33992
1999 XV ₁₉	2003 07 31.7	20 42.27	+00 45.0	17.9	-0.85	- 0.9	8.2/04.6	47828
2000 QR ₁₇₆	2003 07 31.8	20 42.19	-12 10.7	18.0	-1.02	- 4.4	2.8/02.1	27686
2002 DO ₂	2003 07 31.8	20 42.19	-49 48.1	18.7	-1.15	- 4.4	10.6/23.7	31975
2000 UE ₁₀₂	2003 07 31.8	20 42.22	-14 28.1	16.8	-0.99	+ 0.8	2.1/01.4	27739
2001 CJ ₄₈	2003 07 31.8	20 42.26	-21 42.3	18.8	-0.85	- 4.1	1.3/31.0	30450
1999 GP ₈	2003 07 31.8	20 42.27	-26 27.8	19.1	-1.10	- 4.7	3.2/30.0	30293
1997 EN ₁₁	2003 07 31.8	20 42.33	-22 59.3	18.5	-0.87	- 6.4	1.5/30.6	31808
2001 DG ₁	2003 07 31.8	20 42.36	-20 34.3	19.7	-1.02	- 2.2	0.9/31.4	10789
1998 GX ₈	2003 07 31.8	20 42.39	-19 35.5	18.1	-0.89	- 8.2	0.5/31.5	47728
2000 AY ₄₅	2003 07 31.8	20 42.42	-07 34.8	17.8	-0.84	+ 0.4	3.7/02.8	47840
1999 JR ₁₃₅	2003 07 31.8	20 42.45	-30 09.2	18.2	-0.92	- 3.8	6.1/29.1	41579
2000 XY ₁₁	2003 07 31.8	20 42.46	-32 10.4	18.4	-1.15	- 3.0	6.1/28.8	31364
2002 GD ₈₈	2003 07 31.8	20 42.47	-15 14.6	19.9	-0.88	- 4.8	0.9/01.6	33550
1997 GQ ₅	2003 07 31.8	20 42.48	-17 30.9	17.8	-0.77	- 7.8	0.3/01.1	30254
1999 UL ₂₆	2003 07 31.8	20 42.56	-22 29.5	18.1	-0.99	- 2.7	1.7/31.0	2676
2000 SK ₂₇₄	2003 07 31.8	20 42.61	-07 06.6	20.0	-0.92	- 5.5	5.4/03.5	47964
1996 VD ₁₄	2003 07 31.8	20 42.62	-15 18.1	20.6	-0.98	- 3.9	1.1/01.5	9050
2002 GO ₆₅	2003 07 31.9	20 42.63	-18 04.0	19.9	-0.84	- 3.5	0.0/31.9	33981
2000 KA ₆₇	2003 07 31.9	20 42.66	-24 18.2	16.7	-1.12	-23.6	2.8/29.7	46407
2002 CK ₂₂₃	2003 07 31.9	20 42.69	-15 36.9	20.1	-1.08	- 2.6	1.1/01.4	48210
2002 CT ₅₅	2003 07 31.9	20 42.77	-14 55.7	17.2	-0.97	- 2.8	1.4/01.6	31967
2000 AX ₁₈	2003 07 31.9	20 42.81	-09 49.5	19.4	-0.82	- 0.8	2.5/02.6	11741
2002 CG ₁₁₁	2003 07 31.9	20 42.85	-14 12.9	20.6	-0.91	- 6.5	1.5/02.0	30661
1999 TX ₁₀₆	2003 07 31.9	20 42.87	+04 27.0	18.5	-0.92	+ 1.3	9.8/04.8	47805
2002 GH ₁₂₆	2003 07 31.9	20 42.87	-00 33.5	18.8	-0.74	- 3.5	6.4/05.3	31591
2002 FD ₄₀	2003 07 31.9	20 42.92	-28 44.3	17.8	-0.88	- 5.3	4.2/29.3	35181
2002 HQ ₁₅	2003 07 31.9	20 42.92	-16 52.3	20.5	-0.81	- 3.6	0.5/01.3	48232
1998 QU ₅₁	2003 08 01.0	20 42.97	-12 37.3	18.1	-0.82	- 2.1	2.1/02.0	47735
1982 UA ₆	2003 08 01.0	20 43.00	-22 21.5	17.7	-1.01	- 1.9	1.9/31.2	10824
2002 CV ₁₀₃	2003 08 01.0	20 43.01	-15 58.7	19.3	-0.88	- 4.7	0.9/01.5	30659
6770 P-L	2003 08 01.0	20 43.11	-16 26.3	20.5	-1.02	- 5.0	0.8/01.4	48388
2002 CF ₁₇₃	2003 08 01.0	20 43.11	-20 41.6	20.1	-0.98	- 5.4	0.9/31.4	30675
1999 TX ₁₄	2003 08 01.0	20 43.17	-36 00.7	18.5	-1.09	- 4.6	7.8/27.4	40379
2000 YF ₄₈	2003 08 01.0	20 43.22	-14 22.1	18.0	-0.94	- 4.2	1.8/01.9	31374
1994 JA ₂	2003 08 01.0	20 43.23	-09 23.1	18.9	-0.87	- 4.3	3.8/03.1	47691
1999 TZ ₁₀₈	2003 08 01.0	20 43.24	+11 07.9	19.0	-0.68	- 5.5	13.8/10.4	2662
2000 UX ₁₀₀	2003 08 01.0	20 43.27	-39 41.6	18.5	-1.14	- 3.1	7.5/27.1	29489
1999 VO ₆₆	2003 08 01.0	20 43.28	-26 39.1	17.6	-0.91	- 4.8	3.6/30.0	47821
2001 FZ ₉₁	2003 08 01.0	20 43.29	-34 06.6	19.1	-0.73	- 1.8	3.7/28.5	33905
1997 YS ₁₇	2003 08 01.0	20 43.31	-19 28.4	19.0	-1.04	- 2.8	0.5/31.8	30258

2003 AUG. 6

M.P.C. 49323

2000 YM ₅₆	2003 08 01.0	20 43.41	-13 50.2	18.6	-0.94	-	4.2	1.9/02.0	47999
1998 BY ₃₃	2003 08 01.0	20 43.45	-27 13.5	17.8	-1.07	-	4.8	3.4/30.0	47722
2002 CJ ₇	2003 08 01.0	20 43.49	-52 57.9	20.7	-1.61		0.0	12.0/25.3	30636
2000 QB ₂₁₂	2003 08 01.1	20 43.36	-27 08.2	18.4	-1.17	-	1.0	3.8/30.5	30376
1999 JC ₅₁	2003 08 01.1	20 43.38	-11 23.3	16.9	-0.88	-	5.2	3.2/02.7	47779
2002 GX ₁₁₄	2003 08 01.1	20 43.39	-20 16.5	19.3	-0.88	-	5.5	0.8/31.6	31585
2000 AS ₂₂₃	2003 08 01.1	20 43.39	-17 39.9	19.9	-0.80	-	3.2	0.2/01.2	47845
1999 RP ₁₆₄	2003 08 01.1	20 43.43	-13 05.3	19.6	-0.86	-	3.4	2.4/02.0	14788
1993 FU ₅₃	2003 08 01.1	20 43.45	-12 22.9	19.4	-0.61	-	3.7	1.3/02.6	13538
2000 SM ₃₀₇	2003 08 01.1	20 43.46	-11 58.1	18.6	-1.05	-	1.4	2.4/02.3	29415
1999 RH ₁₂₇	2003 08 01.1	20 43.47	-24 03.7	18.8	-1.27	+	5.1	2.7/31.4	47792
2000 WE ₁₁₀	2003 08 01.1	20 43.54	-21 39.4	19.8	-1.04	-	2.8	1.3/31.4	9424
2002 JP ₈₈	2003 08 01.1	20 43.54	-33 03.7	19.9	-0.93	-	2.6	4.8/28.8	32028
2000 VL ₁₆	2003 08 01.1	20 43.62	-15 11.1	18.4	-0.92	-	4.7	1.5/01.8	13226
1998 HA ₃₅	2003 08 01.1	20 43.65	-22 00.6	19.7	-0.94	-	4.9	1.3/31.3	30268
1998 HY	2003 08 01.1	20 43.73	+03 42.2	20.7	-0.82	-	5.9	8.0/07.2	47728
1999 TZ ₉	2003 08 01.1	20 43.77	-23 20.1	19.4	-0.91	-	3.7	1.7/31.0	12162
1999 TN ₈₉	2003 08 01.1	20 43.78	-26 30.3	17.9	-0.88	-	4.9	4.1/30.1	1481
1996 GL ₈	2003 08 01.1	20 43.81	-13 39.9	19.1	-0.76	-	4.9	1.3/02.3	28950
1999 RN ₂₁₀	2003 08 01.1	20 43.82	-29 12.5	18.5	-1.08	+	0.1	4.1/30.1	13608
2002 GB ₅₄	2003 08 01.1	20 43.82	-20 06.4	17.8	-0.90	+	0.1	0.7/31.8	33546
2000 SM ₁₃₆	2003 08 01.2	20 43.76	-21 40.8	17.7	-1.11	-	0.8	1.6/31.6	27711
2000 YE ₄₈	2003 08 01.2	20 43.77	-15 54.4	18.1	-0.90	-	5.4	1.0/01.7	47999
2000 SU ₃₂₈	2003 08 01.2	20 43.82	-29 22.6	19.8	-1.18	-	3.2	4.8/29.8	47968
2000 SB ₁₂₀	2003 08 01.2	20 43.87	-34 02.9	18.7	-1.15	-	3.2	6.9/28.7	31915
2000 VP ₁₃	2003 08 01.2	20 43.91	-19 37.3	20.1	-0.96	-	4.9	0.5/31.9	33296
1999 LA ₃₅	2003 08 01.2	20 43.93	-15 51.8	17.9	-0.90	-	5.5	1.1/01.8	30301
2000 SR ₃₀₆	2003 08 01.2	20 43.96	-21 15.7	19.8	-1.13	-	1.8	1.4/31.6	6080
2000 SW ₂₁₇	2003 08 01.2	20 43.98	-51 59.8	20.2	-1.42	-	3.0	10.4/23.3	8504
2001 VC ₁₂₃	2003 08 01.2	20 43.99	-08 21.6	17.6	-1.43	+	5.4	4.6/02.2	30551
2002 JK ₇₆	2003 08 01.2	20 44.03	-12 28.5	19.2	-0.93	-	3.1	1.9/02.5	34001
2000 UV ₁₄	2003 08 01.2	20 44.06	-41 53.3	18.6	-1.17	-	1.8	8.0/27.3	31918
1999 JL ₇₅	2003 08 01.2	20 44.07	-20 28.6	20.2	-1.07	-	3.4	0.9/31.8	47780
1998 KC ₅₂	2003 08 01.2	20 44.08	-13 36.5	19.2	-0.85	-	7.7	1.5/02.5	47732
1998 FB ₃₂	2003 08 01.3	20 44.14	-09 05.2	18.9	-0.94	-	4.4	3.5/03.3	30263
1999 NQ ₃₈	2003 08 01.3	20 44.14	-26 14.2	17.1	-1.10	+	1.1	3.9/30.9	35473
2002 CL ₇₆	2003 08 01.3	20 44.16	-20 48.1	19.9	-1.01	-	3.6	1.1/31.7	29798
2002 EH ₆₉	2003 08 01.3	20 44.18	-08 00.7	19.7	-0.87	-	4.8	3.5/03.7	31979
2001 FK ₁₀₁	2003 08 01.3	20 44.19	-30 50.2	19.0	-1.04	+	1.5	3.8/30.2	29692
1998 FM ₁₃₈	2003 08 01.3	20 44.22	-28 17.8	18.8	-1.05	-	1.5	3.9/30.3	31814
1999 XF ₁₃₀	2003 08 01.3	20 44.22	-35 00.1	17.9	-0.95	-	3.3	5.9/28.2	31885
1999 UE ₂₇	2003 08 01.3	20 44.22	-29 30.7	20.5	-0.97	-	1.8	3.4/29.9	47816
2000 UZ ₇₂	2003 08 01.3	20 44.27	-30 42.8	17.1	-1.06	-	1.9	5.4/29.8	30416
1999 JE ₂₀	2003 08 01.3	20 44.27	-12 21.8	16.8	-0.92	-	1.6	2.9/02.5	47778
1999 XB ₆₄	2003 08 01.3	20 44.30	-24 32.5	19.0	-0.80	-	6.8	2.1/30.6	31310
2000 YX ₅₁	2003 08 01.3	20 44.30	-18 36.5	18.6	-0.97	-	2.9	0.2/01.2	11015
1998 QA ₇₈	2003 08 01.3	20 44.31	+02 06.1	18.3	-0.73	-	2.9	8.1/06.2	47736
1999 XB ₂₁₂	2003 08 01.3	20 44.33	-29 11.2	19.2	-0.90	-	0.9	3.3/30.1	47835
2002 EC ₁₀₆	2003 08 01.3	20 44.35	-28 42.7	18.5	-0.91	-	6.2	4.1/29.6	30063
2001 XP ₂₃₉	2003 08 01.3	20 44.37	-18 18.5	18.5	-1.07	-	2.8	0.1/01.3	30590
2001 DR ₁₀₅	2003 08 01.3	20 44.41	-12 44.2	20.7	-0.75	-	3.7	1.5/02.6	48014

2002 JA ₂₁	2003 08 01.3	20 44.43	-33 47.8	19.9	-0.92	-	3.0	4.8/28.7	31634
2002 CQ ₂₀	2003 08 01.3	20 44.47	-07 16.6	19.9	-0.96	-	6.5	4.5/04.1	30639
2000 RG ₁₁	2003 08 01.3	20 44.48	+03 09.3	17.9	-0.86	-	2.3	10.6/06.1	47931
2002 GD ₄₀	2003 08 01.3	20 44.49	+03 08.5	20.0	-0.84	-	4.7	8.0/06.9	48227
2001 AR ₄	2003 08 01.3	20 44.49	-14 38.2	21.0	-0.89	-	4.7	1.1/02.0	13803
2000 UN ₁₁₁	2003 08 01.3	20 44.50	-24 09.5	18.9	-1.05	-	4.5	2.4/31.0	29494
1999 TH ₁₀₉	2003 08 01.3	20 44.55	-17 14.4	17.2	-1.04	+	2.1	0.3/01.5	47806
2001 AV ₂₈	2003 08 01.3	20 44.58	-23 17.8	19.7	-1.02	-	3.9	2.0/31.2	48004
1999 VK ₂₁₆	2003 08 01.4	20 44.53	+02 31.2	19.3	-0.74	-	1.9	5.4/06.2	31879
2001 XS ₁₇₈	2003 08 01.4	20 44.55	-23 42.3	19.3	-1.03	-	7.8	2.2/31.0	30582
2000 YS ₉₂	2003 08 01.4	20 44.61	-20 37.7	19.7	-0.94	-	4.5	1.0/31.8	10658
1999 VX ₅	2003 08 01.4	20 44.63	-29 18.4	17.4	-0.86	-	4.9	3.7/29.6	47818
1995 CY ₁	2003 08 01.4	20 44.65	+01 36.0	20.6	-1.14	+	1.8	7.1/04.7	27582
2000 WN ₁₃₃	2003 08 01.4	20 44.65	-23 48.7	18.7	-1.04	-	1.7	2.2/31.3	30430
1999 UW ₁₇	2003 08 01.4	20 44.68	-15 42.4	19.4	-0.83	-	4.7	1.0/02.0	47815
2000 AT ₂₀	2003 08 01.4	20 44.69	-19 27.7	19.9	-0.80	-	3.0	0.4/01.1	13094
2002 GB ₁₃₇	2003 08 01.4	20 44.69	-22 27.5	20.1	-0.98	-	3.2	1.6/31.5	31594
1999 RS ₁₂₄	2003 08 01.4	20 44.70	-08 41.6	18.1	-0.81	-	6.7	4.1/03.9	47792
1999 XE ₂₄₀	2003 08 01.4	20 44.71	-20 18.1	19.2	-0.87	-	1.2	0.7/32.0	13083
1999 JW ₉₅	2003 08 01.4	20 44.73	+00 26.9	19.1	-0.90	-	7.4	7.8/06.7	47781
2000 AA ₁₀₄	2003 08 01.4	20 44.76	-30 17.0	16.5	-0.84	-	9.0	4.4/28.8	47842
2001 BQ ₆₁	2003 08 01.4	20 44.93	+12 00.0	20.1	-0.83	-	5.7	8.4/09.5	13246
2002 FR ₁₆	2003 08 01.4	20 44.97	-16 16.9	20.0	-0.85	-	6.4	0.6/02.0	33975
2000 VM ₃₈	2003 08 01.5	20 44.95	-25 47.1	21.8	-1.06	-	4.2	2.7/30.8	7338
2000 YC ₃₄	2003 08 01.5	20 44.96	-14 07.3	19.9	-0.90	-	7.4	1.3/02.5	30439
1981 ET ₁₁	2003 08 01.5	20 44.98	-26 40.8	20.5	-1.07	-	1.1	2.8/30.8	10823
2002 CJ ₂₆₃	2003 08 01.5	20 45.00	-48 14.7	18.6	-1.28	-	1.1	11.0/26.0	31972
2002 HY ₁₅	2003 08 01.5	20 45.00	-23 14.5	18.3	-0.89	-	7.3	1.7/31.1	31612
2001 BG ₆₅	2003 08 01.5	20 45.01	-08 56.2	21.3	-0.82	-	3.7	2.6/03.6	48007
1999 RS ₂₀₈	2003 08 01.5	20 45.02	-03 39.7	17.8	-0.80	-	1.6	6.8/04.6	30314
2000 YO ₁₃₉	2003 08 01.5	20 45.02	-02 30.5	19.1	-0.93	+	0.2	5.0/04.3	13240
2002 EL ₉₀	2003 08 01.5	20 45.09	-22 02.1	19.7	-1.03	-	4.8	1.7/31.6	48221
1999 XP ₇₃	2003 08 01.5	20 45.10	-17 15.0	18.9	-0.77	-	3.0	0.2/01.7	31883
2002 CN ₂₄₄	2003 08 01.5	20 45.12	-15 33.6	19.9	-0.99	-	4.4	0.9/02.1	48211
2000 QS ₁₈₁	2003 08 01.5	20 45.13	-17 03.3	18.4	-1.03	-	3.2	0.4/01.8	30374
2000 WB ₈₈	2003 08 01.5	20 45.19	-22 59.0	18.1	-0.95	-	3.9	1.7/31.4	33886
2000 WV ₄	2003 08 01.5	20 45.20	-40 03.2	16.8	-1.19	+	4.0	11.6/29.2	30423
2001 DR ₂₉	2003 08 01.5	20 45.21	-30 48.0	18.2	-0.93	-	1.5	4.1/29.9	30451
1999 RY ₂₀₀	2003 08 01.5	20 45.24	+08 55.4	18.8	-0.85	-	1.7	10.2/07.6	47796
1999 RT ₁₉₃	2003 08 01.5	20 45.27	-20 26.0	18.6	-1.00	+	0.7	1.1/01.2	30313
1999 LP	2003 08 01.5	20 45.27	-24 49.5	16.8	-1.06	-	17.7	2.9/30.3	47783
2002 EK ₁₂₄	2003 08 01.5	20 45.29	-13 02.3	21.3	-0.90	-	4.0	1.9/02.7	30071
2002 GV ₁₁	2003 08 01.5	20 45.30	-14 42.8	19.4	-0.83	-	6.0	1.2/02.4	48226
2002 JJ ₉₈	2003 08 01.5	20 45.33	-07 47.1	19.4	-0.86	-	2.1	3.4/03.8	34003
2000 WM ₉₈	2003 08 01.5	20 45.36	-23 19.3	20.1	-0.98	-	4.1	1.8/31.4	31357
1998 HH ₂	2003 08 01.5	20 45.39	-15 46.9	20.5	-0.99	-	4.2	0.8/02.0	47728
2001 AG ₂₉	2003 08 01.6	20 45.37	-23 18.4	19.4	-1.05	-	4.1	2.1/31.4	29663
2000 SJ ₂₉₈	2003 08 01.6	20 45.38	-05 52.2	20.0	-0.91	-	2.2	6.6/04.1	7598
1999 JW ₁₂₃	2003 08 01.6	20 45.39	-23 51.0	20.0	-1.06	-	3.5	2.5/31.4	30299
2000 WQ ₁₉₀	2003 08 01.6	20 45.47	-21 22.8	20.1	-1.02	-	6.9	1.5/31.8	47995
2001 BS ₅₆	2003 08 01.6	20 45.48	-17 42.1	19.2	-0.86	-	4.3	0.1/01.7	33360

1999 VG ₃₃	2003 08 01.6	20 45.50 -04 43.8 19.1	-0.78 - 2.0	4.2/04.6	47819
2002 GX ₁₃₀	2003 08 01.6	20 45.55 -15 36.4 20.0	-0.93 - 3.5	0.9/02.2	35185
1999 VE ₃₃	2003 08 01.6	20 45.58 -24 14.9 18.9	-0.88 - 3.4	2.1/31.2	47819
2000 AT ₂₀₀	2003 08 01.6	20 45.64 -03 35.3 19.2	-0.83 - 6.4	5.3/05.3	47845
2000 QF ₁₂₇	2003 08 01.6	20 45.74 -26 25.1 18.0	-1.11 - 2.2	4.2/31.0	38285
5347 T-2	2003 08 01.6	20 45.76 -02 58.6 20.0	-0.91 - 1.4	6.1/04.6	18119
2000 SX ₂₃₀	2003 08 01.7	20 45.78 -26 41.7 19.4	-1.09 - 3.5	3.9/30.8	29389
2000 WA ₁₀₄	2003 08 01.7	20 45.78 -20 41.7 20.1	-0.91 - 6.0	0.9/01.0	15823
1997 CN ₂₀	2003 08 01.7	20 45.80 -50 34.5 17.1	-2.09 + 9.9	17.1/30.6	27588
2002 EQ ₂₈	2003 08 01.7	20 45.86 -15 24.3 17.9	-0.80 - 6.4	1.1/02.4	48217
2001 BL ₇₆	2003 08 01.7	20 45.90 -03 51.8 18.5	-1.04 + 2.8	6.2/03.7	48008
1999 VG ₆₀	2003 08 01.7	20 45.91 -35 45.3 19.5	-0.94 - 3.3	5.4/28.5	31298
2000 UF ₆₅	2003 08 01.7	20 45.95 -02 35.7 17.2	-0.81 - 4.5	7.9/05.6	47978
2002 JA ₁₃₃	2003 08 01.7	20 46.08 -28 16.1 18.6	-0.91 - 1.2	3.2/30.7	33583
2000 YF ₂₁	2003 08 01.7	20 46.11 -24 19.5 18.6	-0.91 - 3.4	2.1/31.3	33888
2002 CZ ₂	2003 08 01.7	20 46.17 -27 02.9 19.4	-1.15 - 2.8	3.9/31.0	48197
2000 GY ₁₂₂	2003 08 01.7	20 46.21 -65 14.2 17.7	-2.09 - 0.6	23.1/17.6	23530
1981 DJ ₁	2003 08 01.8	20 46.10 -11 56.9 19.2	-1.03 - 1.9	2.5/03.0	47679
2001 FV ₆₉	2003 08 01.8	20 46.11 -30 28.2 18.9	-0.70 - 2.5	2.9/29.8	16093
1999 VF ₁₆	2003 08 01.8	20 46.15 -19 13.6 18.7	-0.90 - 2.5	0.5/01.5	33128
2000 SH ₁₅₀	2003 08 01.8	20 46.20 -20 47.0 19.9	-1.01 - 3.4	1.0/01.2	47954
2002 CH ₁₇₄	2003 08 01.8	20 46.22 -17 09.7 18.3	-0.80 - 7.1	8.1/22.0	30675
1999 TB ₂₆₆	2003 08 01.8	20 46.22 -08 23.6 17.6	-0.97 + 3.2	4.5/03.2	18215
2000 QG ₁₇₀	2003 08 01.8	20 46.22 -16 18.4 18.2	-1.09 - 2.9	0.7/02.0	30373
1999 VD ₃₄	2003 08 01.8	20 46.30 -32 23.6 18.6	-0.97 - 5.3	5.6/29.1	47819
6276 P-L	2003 08 01.8	20 46.30 -16 27.3 19.9	-0.82 - 3.3	0.5/02.0	48388
2002 BZ ₁₇	2003 08 01.8	20 46.35 -18 30.6 18.3	-0.92 - 7.0	9.8/22.0	48196
2002 CC ₁₆₉	2003 08 01.8	20 46.37 -26 29.0 19.6	-1.09 - 2.2	3.1/31.2	38333
1999 TQ ₁₇₃	2003 08 01.8	20 46.41 -17 16.9 19.6	-0.84 - 4.3	8.2/13.0	47809
2002 GF ₁₄₄	2003 08 01.8	20 46.43 -39 54.1 19.4	-1.05 - 5.5	7.5/27.0	31598
2000 QG ₁₂₆	2003 08 01.9	20 46.47 -24 53.3 17.1	-1.01 - 4.4	3.7/31.3	47922
1998 RY ₆₃	2003 08 01.9	20 46.49 -10 18.4 18.6	-0.73 - 5.0	2.3/03.9	31826
2002 JJ ₄₁	2003 08 01.9	20 46.56 +04 56.7 19.6	-0.84 - 3.2	7.5/07.6	33998
1999 XJ ₁₄₀	2003 08 01.9	20 46.60 -12 53.2 21.3	-0.79 - 2.0	1.4/03.0	18220
1999 JN ₁₄	2003 08 01.9	20 46.67 -36 24.4 18.0	-1.16 + 1.1	9.0/29.9	47778
1999 RZ ₂₀₃	2003 08 01.9	20 46.68 -24 58.9 18.1	-1.10 + 2.2	2.8/31.9	30314
2001 AC ₁₇	2003 08 01.9	20 46.69 -16 30.9 17.6	-0.87 - 9.2	9.3/13.0	30445
1999 XT ₁₀₃	2003 08 01.9	20 46.70 -19 21.4 19.4	-0.82 - 3.2	0.4/01.6	27655
2002 CG ₁₀₇	2003 08 01.9	20 46.73 -21 15.5 20.4	-1.00 - 4.7	1.2/01.2	48204
1999 VK ₁₄₇	2003 08 01.9	20 46.73 +03 52.9 19.3	-0.77 - 2.1	7.3/07.3	47824
1999 VW ₁₀₇	2003 08 01.9	20 46.79 -24 32.5 19.3	-0.81 - 3.5	1.9/31.4	31877
2001 FQ ₃₄	2003 08 01.9	20 46.81 -34 54.8 19.5	-0.96 - 0.6	4.7/29.5	13828
2002 CT ₂₂₈	2003 08 01.9	20 46.85 -07 34.1 19.3	-0.97 - 4.8	4.2/04.4	31970
1999 XZ ₁₀₂	2003 08 01.9	20 46.89 -23 25.0 17.3	-0.92 - 5.0	2.0/31.6	41586
2000 SF ₂₆₃	2003 08 01.9	20 46.90 -29 29.8 19.3	-1.12 - 5.0	4.6/30.3	31337
2000 UE ₃₅	2003 08 01.9	20 46.91 -35 04.1 18.7	-1.12 - 2.7	6.6/29.2	30413
1999 RQ ₁₂₄	2003 08 02.0	20 46.86 -21 55.1 18.5	-1.09 + 2.4	1.7/01.4	10384
2000 WO ₉₈	2003 08 02.0	20 46.88 -22 58.1 19.3	-1.01 - 5.6	2.0/31.8	9877
2002 CT ₂₈₄	2003 08 02.0	20 46.91 -16 48.5 18.2	-0.93 - 2.7	0.5/02.3	29913
2000 RT ₈₀	2003 08 02.0	20 46.98 -04 11.9 18.3	-0.95 - 4.9	6.6/05.4	46460
2002 GS ₅₃	2003 08 02.0	20 46.98 -15 54.8 19.6	-1.05 - 1.9	0.7/02.4	31524

1999 TK ₂₁₃	2003 08 02.0	20 46.98 +06 32.3 18.3	-0.79 - 4.7	8.4/08.7	31870
1999 RJ ₁₉	2003 08 02.0	20 46.99 -29 57.2 18.4	-1.12 + 1.6	4.8/31.1	30305
2001 CP ₁₆	2003 08 02.0	20 47.00 -22 07.3 20.4	-0.83 - 3.8	1.3/01.0	48009
2000 SG ₄	2003 08 02.0	20 47.02 -11 05.5 18.8	-0.98 - 6.1	3.1/03.7	31913
2002 CD ₂₁₉	2003 08 02.0	20 47.02 -22 48.5 18.8	-0.94 - 4.5	2.0/31.9	31970
2000 TY ₁₁	2003 08 02.0	20 47.02 -40 06.6 18.9	-1.28 - 0.1	8.8/29.0	27727
1999 GX ₃₅	2003 08 02.0	20 47.05 -09 36.4 19.1	-0.99 - 4.2	3.7/03.9	30293
2000 QF ₁₅₁	2003 08 02.0	20 47.13 -20 39.4 17.3	-1.10 - 0.7	1.1/01.6	31912
1999 VJ ₁₃₀	2003 08 02.0	20 47.13 -36 07.1 19.4	-1.01 - 4.1	7.3/28.4	47823
2000 SQ ₂₆₁	2003 08 02.0	20 47.19 -16 25.5 19.4	-0.94 - 6.4	0.6/02.4	47963
2002 FT ₂₈	2003 08 02.0	20 47.20 -36 31.0 19.2	-1.06 - 3.9	7.1/28.7	30112
2002 EU ₈₈	2003 08 02.0	20 47.21 -25 18.6 19.1	-0.92 - 3.7	2.5/31.4	31980
2002 CC	2003 08 02.0	20 47.23 -56 06.8 20.1	-1.39 - 2.1	10.8/24.9	30635
2002 BP	2003 08 02.0	20 47.25 -03 10.2 18.1	-1.58 + 8.6	7.4/03.0	27818
2000 YK ₇	2003 08 02.0	20 47.27 -18 11.1 17.1	-1.03 - 1.3	0.1/02.0	30438
2002 JH ₉₃	2003 08 02.0	20 47.28 +12 47.6 20.2	-0.86 - 1.6	9.4/09.4	33570
2002 CC ₁₃₀	2003 08 02.0	20 47.30 -16 41.4 19.6	-1.05 - 0.7	0.5/02.3	48205
2000 SZ ₁₇₇	2003 08 02.1	20 47.24 -20 39.2 19.2	-1.11 - 2.6	1.1/01.5	8502
2002 CE ₂₃₉	2003 08 02.1	20 47.26 -19 11.2 19.2	-1.03 - 1.2	0.5/01.9	48211
2002 GR ₅	2003 08 02.1	20 47.36 -03 51.4 20.0	-0.84 - 4.1	4.3/05.6	30734
2002 GR ₁₂₆	2003 08 02.1	20 47.41 -13 39.2 21.5	-0.91 - 3.4	1.4/03.1	31591
2001 CX ₈	2003 08 02.1	20 47.48 -16 10.5 19.0	-0.74 - 8.2	0.5/02.6	31937
2000 SG ₃₂₃	2003 08 02.1	20 47.49 -14 50.0 19.3	-0.98 - 4.4	1.2/02.8	27725
2002 GM ₁₃₃	2003 08 02.1	20 47.53 -20 41.7 20.0	-0.94 - 2.8	1.0/01.6	48230
2001 DV ₃₈	2003 08 02.1	20 47.54 -09 55.5 19.4	-0.74 - 5.4	2.4/04.2	31940
2000 HZ ₉₄	2003 08 02.1	20 47.58 -51 44.8 19.0	-1.39 -14.8	16.1/19.8	22157
2000 QW ₁₁₆	2003 08 02.1	20 47.58 -25 04.1 17.2	-0.75 - 9.2	4.0/31.0	29247
2002 EV ₂₁	2003 08 02.1	20 47.59 -31 59.7 19.9	-1.12 - 3.1	5.5/30.1	31977
2000 SH ₈₁	2003 08 02.1	20 47.60 -30 33.7 20.3	-1.08 - 3.9	4.4/30.3	47947
1999 RS ₄₅	2003 08 02.1	20 47.64 -24 11.5 19.2	-1.02 - 1.8	2.6/31.9	47788
2130 T-3	2003 08 02.1	20 47.67 -09 06.2 19.3	-1.03 - 3.1	4.0/04.0	11066
1997 WS ₃₇	2003 08 02.1	20 47.72 -18 18.4 19.2	-1.01 - 5.1	0.2/02.1	47720
2002 FT ₃₃	2003 08 02.2	20 47.64 -32 25.0 21.3	-1.00 - 4.0	4.6/29.8	48226
2002 FQ ₃	2003 08 02.2	20 47.65 -12 39.0 18.7	-0.92 - 4.6	2.1/03.4	30093
2002 JE ₁₆	2003 08 02.2	20 47.67 +15 30.8 17.8	-0.86 - 1.1	11.1/10.3	31630
1998 UJ ₁₉	2003 08 02.2	20 47.67 -64 23.4 17.9	-2.16 + 2.9	23.0/22.2	47753
2002 CR ₂₃₇	2003 08 02.2	20 47.69 -30 10.2 17.8	-1.00 - 0.3	5.0/30.9	29885
2002 CU ₇₈	2003 08 02.2	20 47.70 -17 32.7 18.0	-0.92 - 5.4	0.1/02.3	48202
2000 XQ ₂₇	2003 08 02.2	20 47.70 -18 52.0 18.4	-1.11 + 2.0	0.4/02.1	9452
2002 CH ₅₇	2003 08 02.2	20 47.71 -15 10.5 18.1	-0.99 - 3.1	1.1/02.8	35153
2002 JY ₃₈	2003 08 02.2	20 47.72 -03 49.8 18.9	-0.79 - 1.5	4.8/05.3	33565
1999 JA ₁₀₃	2003 08 02.2	20 47.73 -26 32.6 18.2	-0.93 - 8.5	4.1/30.8	33812
2000 YP ₆₉	2003 08 02.2	20 47.73 -21 17.0 20.0	-0.93 - 4.8	1.1/01.4	35537
2002 GC ₁₀₃	2003 08 02.2	20 47.76 -16 42.1 20.9	-0.99 - 4.1	0.4/02.5	31576
2000 WF ₅₅	2003 08 02.2	20 47.79 -23 56.8 19.2	-0.97 - 5.0	2.2/31.8	47989
2000 SA ₁₄₁	2003 08 02.2	20 47.83 -21 32.8 17.7	-1.06 + 0.4	1.9/01.6	47953
2000 YZ ₁₃₁	2003 08 02.2	20 47.86 -19 44.0 19.6	-0.82 - 4.1	0.6/01.8	31933
2000 QP ₅₄	2003 08 02.2	20 47.87 -15 41.3 18.8	-1.03 - 5.0	1.0/02.7	41665
1999 XE ₂₃₅	2003 08 02.2	20 47.88 -30 00.1 18.8	-0.86 - 5.8	4.2/30.0	47836
2002 AT ₂₈	2003 08 02.2	20 47.89 -29 19.3 17.6	-1.10 -26.4	5.4/28.8	31962
2000 XC ₈	2003 08 02.2	20 47.92 -31 06.9 17.7	-0.97 - 2.4	4.3/30.4	35537

2003 AUG. 6

M.P.C. 49325

1999 UO ₁₁	2003 08 02.2	20 47.96 -11 07.6 18.5	-0.83 - 4.6	2.6/03.9	40385
2002 FC ₄	2003 08 02.2	20 48.07 -34 26.3 19.3	-1.01 - 2.5	5.6/29.7	30729
1999 HA	2003 08 02.3	20 48.25 -28 54.7 19.0	-1.15 - 2.2	4.6/31.1	33808
1999 UY ₅₆	2003 08 02.3	20 48.29 -33 54.7 20.6	-0.93 - 3.0	5.2/29.6	34800
2001 DU ₆₂	2003 08 02.3	20 48.30 -11 56.5 19.8	-0.82 - 6.3	2.0/03.9	12301
2000 UG ₄	2003 08 02.3	20 48.33 -33 15.6 18.6	-1.15 - 3.0	7.0/29.9	31342
2001 CB ₂₈	2003 08 02.3	20 48.35 -31 58.9 18.2	-0.91 - 2.9	4.9/30.1	31938
1998 FF ₁₃₈	2003 08 02.3	20 48.40 -24 01.3 18.8	-0.99 - 2.6	2.4/01.1	27600
1999 WY ₁₀	2003 08 02.3	20 48.41 -34 27.9 18.7	-0.86 - 4.8	5.1/29.0	31880
2000 VT ₅₅	2003 08 02.3	20 48.44 -25 24.5 18.3	-1.01 - 2.2	4.0/31.8	29524
1999 XT ₂₅₀	2003 08 02.4	20 48.51 -21 39.4 20.0	-0.86 - 4.2	1.4/01.5	38232
2002 FW ₁₄	2003 08 02.4	20 48.51 -28 42.4 20.3	-1.06 - 3.1	3.9/31.0	48225
1999 VZ ₂₀₄	2003 08 02.4	20 48.53 -24 42.1 20.3	-0.81 - 3.7	2.0/31.8	26924
2000 BH ₁₆	2003 08 02.4	20 48.54 -21 18.8 17.3	-0.99 - 1.2	1.3/01.7	47847
1999 UD ₄₀	2003 08 02.4	20 48.54 -23 20.9 18.0	-1.05 + 1.2	2.2/01.5	31873
2002 CD ₁₁₅	2003 08 02.4	20 48.61 -14 56.5 17.3	-0.92 - 2.5	1.4/03.1	43226
1999 VX ₁₅₄	2003 08 02.4	20 48.62 -17 38.8 19.3	-0.95 - 3.2	0.1/02.5	33840
1999 XO ₂₃	2003 08 02.4	20 48.64 -04 15.2 17.7	-0.80 - 3.4	5.4/05.7	30338
2002 FB ₁₃	2003 08 02.4	20 48.64 -16 34.0 17.0	-0.90 - 5.7	0.6/02.8	48225
2000 VE ₅₆	2003 08 02.4	20 48.71 -13 33.0 19.5	-1.00 - 2.7	1.6/03.3	9865
4066 P-L	2003 08 02.4	20 48.78 -24 13.5 19.2	-1.15 - 2.9	2.8/01.1	48386
2002 DV ₉	2003 08 02.4	20 48.79 -41 04.6 19.0	-1.19 - 0.9	8.6/28.9	29923
2002 EP ₃₁	2003 08 02.4	20 48.81 -23 21.9 19.3	-0.98 - 4.5	2.0/01.2	35168
2000 VR ₂	2003 08 02.4	20 48.83 -36 34.8 17.9	-0.96 - 8.5	9.3/27.7	47983
1999 XP ₉₅	2003 08 02.5	20 48.80 -15 39.0 19.1	-0.83 - 4.1	0.7/03.0	2698
1995 WX ₃₈	2003 08 02.5	20 48.81 -32 41.3 19.3	-1.00 - 2.6	5.2/30.2	30250
2001 AM ₂₇	2003 08 02.5	20 48.82 -33 29.6 19.1	-0.86 - 4.4	4.2/29.5	31387
1999 UQ ₁₃	2003 08 02.5	20 48.86 -14 09.3 18.1	-0.88 - 2.4	1.3/03.3	30328
2002 BJ ₂₂	2003 08 02.5	20 48.87 -16 20.3 19.0	-0.98 - 4.6	0.6/02.9	27822
2001 CH ₁₂	2003 08 02.5	20 48.88 -19 52.1 18.1	-0.78 - 6.7	0.7/02.0	31938
2001 BW ₁₂	2003 08 02.5	20 48.96 -34 39.6 19.4	-0.89 - 2.7	4.9/29.6	31935
2000 UV ₈₉	2003 08 02.5	20 48.97 -21 49.1 18.8	-0.94 - 8.9	1.9/01.4	47981
2002 AO ₁₈₈	2003 08 02.5	20 49.16 +12 41.6 19.3	-1.36 + 6.7	14.8/05.6	30628
2002 DH ₁₅	2003 08 02.5	20 49.17 -12 02.6 20.5	-0.89 - 5.3	2.2/04.0	35167
2002 EZ ₁	2003 08 02.6	20 49.20 -22 03.2 18.4	-1.02 - 2.0	2.1/01.7	29933
1998 FK ₇₉	2003 08 02.6	20 49.21 -02 37.3 18.3	-0.79 - 7.8	6.1/07.0	47727
4514 P-L	2003 08 02.6	20 49.23 -16 44.8 19.2	-0.83 - 4.2	0.3/02.9	16167
1999 RK ₁₇₉	2003 08 02.6	20 49.26 -35 05.0 18.5	-1.12 - 1.8	6.9/29.7	10396
2000 WQ ₆₆	2003 08 02.6	20 49.28 -31 15.3 17.6	-0.92 - 6.5	7.0/29.8	33311
2000 SQ ₁₂₆	2003 08 02.6	20 49.34 -16 33.0 18.9	-1.01 - 3.5	0.5/02.9	30393
2000 QD ₉₆	2003 08 02.6	20 49.35 -14 49.6 18.3	-1.00 - 6.9	1.3/03.4	47919
2002 GL ₅₀	2003 08 02.6	20 49.36 -24 30.3 19.7	-1.04 - 0.5	2.4/01.4	31523
1998 MC ₃	2003 08 02.6	20 49.38 -12 25.7 20.0	-0.88 - 4.5	1.7/03.9	31817
1999 CQ ₆	2003 08 02.6	20 49.39 -21 40.3 18.8	-1.15 - 0.5	1.9/02.0	47765
2000 VH ₁₂	2003 08 02.6	20 49.41 -19 14.5 20.6	-0.99 - 4.9	0.6/02.3	20831
2000 SK ₁₅₈	2003 08 02.6	20 49.43 -09 24.6 18.6	-0.93 - 4.8	3.1/04.6	31915
2000 QL ₁₃₈	2003 08 02.6	20 49.50 -27 03.2 19.2	-1.16 - 3.2	4.2/31.7	29254
1992 ED ₁₆	2003 08 02.6	20 49.50 -13 42.0 18.0	-0.83 - 4.2	1.5/03.6	28929
2001 AE ₂₈	2003 08 02.6	20 49.52 -34 28.2 18.7	-0.93 - 1.0	5.0/30.2	30445
2000 SN ₂₃₆	2003 08 02.6	20 49.53 -25 00.8 19.2	-1.07 - 2.9	3.5/01.1	7195
2002 GU ₈₈	2003 08 02.6	20 49.53 -09 58.0 19.0	-0.72 - 6.1	2.2/04.8	32002

1998 DF ₁₂	2003 08 02.6	20 49.59 -19 07.7 19.9	-0.99 - 5.0	0.5/02.4	30260
2002 GV ₉₇	2003 08 02.7	20 49.57 -32 13.2 20.9	-0.98 - 4.1	4.4/30.3	32004
2002 JE ₁₃₆	2003 08 02.7	20 49.57 -17 03.0 20.6	-0.79 - 3.2	0.2/02.9	34008
2000 CP ₉₆	2003 08 02.7	20 49.63 +05 54.8 17.7	-0.78 - 0.4	8.3/07.8	47852
2002 CF ₁₂	2003 08 02.7	20 49.69 -13 17.1 19.5	-0.97 -12.3	1.5/04.1	27825
2000 WM ₈₅	2003 08 02.7	20 49.70 -11 10.7 20.0	-0.99 - 2.2	2.6/04.1	46517
1998 UY ₄₁	2003 08 02.7	20 49.72 -47 55.2 17.7	-1.04 - 3.2	12.2/24.4	47754
2002 CM ₁₄₉	2003 08 02.7	20 49.72 -20 09.4 20.1	-0.94 - 4.7	1.0/02.2	27527
2001 DW ₄₀	2003 08 02.7	20 49.75 -15 33.8 19.7	-0.84 - 5.6	0.7/03.3	17556
2000 XP ₂₈	2003 08 02.7	20 49.81 -42 16.1 18.5	-1.15 - 2.9	8.7/27.7	29615
2002 GB ₁₅₁	2003 08 02.7	20 49.88 -07 50.8 20.1	-0.95 - 3.4	3.8/05.0	35186
2000 UJ ₂₅	2003 08 02.7	20 49.91 -05 28.9 17.8	-0.78 - 7.8	6.3/06.3	27732
2001 EQ ₁₃	2003 08 02.7	20 50.01 -04 47.4 18.6	-0.86 - 5.0	4.2/06.0	31942
2002 EU ₄₅	2003 08 02.7	20 50.02 -14 40.1 19.5	-0.87 - 3.2	1.3/03.5	48218
2002 GU ₁₂₃	2003 08 02.7	20 50.03 -24 57.8 20.4	-1.05 - 4.7	2.8/01.1	48230
2002 GB ₅₁	2003 08 02.8	20 49.96 -30 27.4 20.3	-1.05 - 3.4	4.4/30.9	31523
2002 CE ₁₆₇	2003 08 02.8	20 49.99 -24 58.5 19.2	-1.01 - 4.1	2.9/01.2	30674
2002 CM ₇₈	2003 08 02.8	20 50.00 -20 11.1 20.4	-0.98 - 4.5	1.0/02.2	30652
2000 SQ ₃₀₄	2003 08 02.8	20 50.03 -16 54.3 19.3	-1.03 - 2.6	0.3/03.0	30405
1993 TE ₃₁	2003 08 02.8	20 50.06 -12 53.3 18.8	-0.96 - 5.8	2.2/04.0	14103
2002 EO ₉₉	2003 08 02.8	20 50.07 -25 52.2 19.1	-1.06 - 6.4	3.4/31.8	48222
1999 TL ₁₆₇	2003 08 02.8	20 50.12 -07 30.4 18.0	-0.85 - 2.9	3.7/05.2	9203
1998 FJ ₁₂₄	2003 08 02.8	20 50.14 -21 27.5 20.8	-0.94 - 5.6	1.3/01.9	28986
1999 RX ₁₀₅	2003 08 02.8	20 50.21 -15 02.4 17.9	-1.09 + 3.2	1.2/03.2	6245
2000 XF ₄₀	2003 08 02.8	20 50.23 -27 14.7 18.7	-1.12 + 0.9	3.3/01.2	11011
1998 FY ₇₆	2003 08 02.8	20 50.23 -27 27.0 19.6	-1.00 - 3.7	3.3/31.7	47727
2002 GE ₈₄	2003 08 02.8	20 50.29 -07 46.2 18.6	-0.73 - 6.1	3.3/05.6	31555
1999 VV ₂₁₀	2003 08 02.8	20 50.30 -05 10.8 18.7	-0.81 - 1.6	4.1/05.6	9271
1998 XS ₇₃	2003 08 02.8	20 50.32 -17 21.5 18.8	-0.64 - 1.6	0.1/03.0	47760
2002 AQ	2003 08 02.8	20 50.35 -22 24.6 19.1	-1.05 - 2.8	1.7/01.9	33956
2000 SV ₂₈₇	2003 08 02.8	20 50.35 -27 12.5 19.2	-1.16 - 0.9	3.4/01.1	23602
2002 FX ₅	2003 08 02.8	20 50.41 -34 31.6 19.4	-0.85 - 6.2	5.2/29.2	31986
1999 RA ₁₅₈	2003 08 02.9	20 50.37 -34 41.4 18.1	-1.15 - 0.6	6.2/30.4	30311
1999 XD ₂₃	2003 08 02.9	20 50.43 +05 03.9 19.0	-0.88 - 0.6	9.7/07.0	47828
1999 TB ₉	2003 08 02.9	20 50.44 +04 33.2 18.7	-0.77 - 4.4	9.2/08.8	47800
1998 SD	2003 08 02.9	20 50.45 -21 19.6 16.3	-1.64 + 8.8	1.9/02.7	47742
2000 SH ₃₀₉	2003 08 02.9	20 50.48 -15 02.8 18.9	-1.07 - 3.0	1.1/03.5	47967
2000 UA ₂₆	2003 08 02.9	20 50.50 -07 56.8 17.8	-0.91 - 5.9	4.5/05.3	29449
2000 DS ₈	2003 08 02.9	20 50.54 -15 34.3 20.3	-0.61 - 2.8	0.4/03.5	47854
2000 SE ₂₃₈	2003 08 02.9	20 50.54 -27 22.5 19.0	-1.07 - 7.5	4.4/31.4	7592
2000 SQ ₁₅₃	2003 08 02.9	20 50.55 -29 36.9 20.1	-1.08 - 3.7	4.5/31.2	47954
2002 GF ₈₁	2003 08 02.9	20 50.56 -24 40.0 18.9	-0.88 - 4.7	2.6/01.2	33549
2002 CV ₁₂	2003 08 02.9	20 50.59 -25 17.7 19.3	-1.02 - 6.0	2.7/01.1	30637
1998 SH ₁₁₉	2003 08 02.9	20 50.60 -19 48.8 19.4	-0.83 - 3.6	0.8/02.5	47749
1999 VB ₁₅₉	2003 08 02.9	20 50.64 -37 04.0 19.5	-0.99 - 2.3	6.3/29.4	30335
1999 TR ₂₈	2003 08 02.9	20 50.66 -10 32.1 18.4	-0.85 - 3.8	2.9/04.7	38217
2002 BV ₂₄	2003 08 02.9	20 50.69 -30 30.5 17.7	-0.90 - 8.2	5.0/30.4	30633
2000 VP ₄₉	2003 08 02.9	20 50.69 -15 19.9 16.8	-0.96 - 3.0	1.2/03.5	30422
2000 UM ₃	2003 08 02.9	20 50.71 +02 59.1 18.3	-0.92 - 4.4	8.3/08.4	47975
2001 CF ₂₃	2003 08 02.9	20 50.72 -16 53.5 18.8	-0.89 - 0.9	0.3/03.1	33895
2002 GM ₄₂	2003 08 02.9	20 50.75 -16 35.6 18.8	-0.80 - 3.3	0.4/03.2	48227

2002 GO ₅₃	2003 08 02.9	20 50.77 -29 13.7 19.0	-1.13 - 0.6	4.1/31.8	31524
2002 EZ ₁₂₅	2003 08 02.9	20 50.80 -16 11.3 20.1	-0.91 - 6.0	0.6/03.4	30072
2002 JX ₃₅	2003 08 03.0	20 50.74 -04 19.8 19.4	-0.79 - 2.8	4.4/06.1	33564
2000 VN ₂₈	2003 08 03.0	20 50.75 -15 25.5 19.4	-0.98 - 5.0	0.9/03.5	30420
2001 EB ₂₁	2003 08 03.0	20 50.77 -02 31.8 18.9	-0.72 - 4.1	4.5/06.9	31942
2000 YM ₇₂	2003 08 03.0	20 50.79 +07 12.2 19.1	-0.99 + 1.7	8.8/07.6	48000
2000 YP ₄₅	2003 08 03.0	20 50.80 -13 42.8 17.1	-0.93 - 5.0	1.9/04.0	47999
2000 TP ₁₆	2003 08 03.0	20 50.81 -16 07.5 19.6	-0.96 - 4.2	0.5/03.4	30408
1999 RF ₄	2003 08 03.0	20 50.83 -21 01.3 17.5	-1.17 + 8.0	1.8/02.7	16040
2001 CS ₃₃	2003 08 03.0	20 50.83 -38 19.1 19.2	-0.95 - 4.9	5.8/28.5	31938
2000 WC ₁₆₁	2003 08 03.0	20 50.87 -00 39.3 19.3	-0.85 - 4.7	5.8/07.3	30432
1998 RN ₇	2003 08 03.0	20 50.93 -26 46.4 19.0	-0.94 - 0.6	3.2/01.2	12134
2001 BT ₇₅	2003 08 03.0	20 50.94 -05 17.6 19.5	-0.71 - 8.7	3.4/06.8	12282
2002 HH ₆	2003 08 03.0	20 50.95 +01 13.2 19.0	-0.89 - 2.1	7.0/07.4	32011
2002 EM ₁₄₆	2003 08 03.0	20 51.02 -17 28.6 19.2	-0.90 - 4.8	0.1/03.1	30082
1999 TA ₁₁₄	2003 08 03.0	20 51.06 -09 45.1 20.2	-0.84 - 3.6	2.5/04.9	11582
1999 JJ ₂₇	2003 08 03.0	20 51.08 -28 26.0 18.4	-1.04 - 4.7	4.8/31.5	35469
2000 SP ₁₃	2003 08 03.0	20 51.09 -26 42.6 19.1	-1.10 - 4.9	4.4/31.9	47940
2000 SS ₂₀₈	2003 08 03.0	20 51.12 -13 55.7 19.9	-1.01 - 5.1	1.5/03.9	29382
1999 TQ ₂₁	2003 08 03.0	20 51.14 -33 44.9 19.5	-0.91 - 3.8	4.9/30.1	31275
1999 RF ₁₀₃	2003 08 03.0	20 51.16 -11 01.9 17.5	-1.04 + 6.1	3.4/03.8	40363
2000 SA ₁₁₂	2003 08 03.1	20 51.12 -12 50.7 18.3	-0.86 - 5.2	2.5/04.3	47950
2002 HP ₆	2003 08 03.1	20 51.20 -13 41.0 20.3	-0.89 - 2.7	1.3/04.0	30165
2000 WC ₅₅	2003 08 03.1	20 51.25 -23 46.0 20.2	-0.93 - 4.8	1.9/01.6	12254
2000 SX ₇₉	2003 08 03.1	20 51.26 -26 06.6 19.9	-1.07 - 3.1	3.1/01.3	47947
2002 EM ₁₁₅	2003 08 03.1	20 51.30 -19 59.3 18.2	-1.04 - 0.4	1.1/02.7	33972
2000 WS ₇₂	2003 08 03.1	20 51.31 -17 49.8 19.1	-1.01 - 2.0	0.1/03.1	30427
2000 SW ₁₂₅	2003 08 03.1	20 51.34 -55 30.3 20.7	-1.61 - 2.9	12.2/23.0	8500
2002 HK ₃	2003 08 03.1	20 51.34 -44 39.1 18.6	-1.04 - 1.8	8.9/27.7	30741
2001 CC ₈	2003 08 03.1	20 51.35 -24 39.5 19.8	-0.83 - 1.9	2.0/01.6	48008
2000 WJ ₂₇	2003 08 03.1	20 51.44 -26 27.1 19.9	-0.89 - 6.7	3.2/31.8	31353
2001 DM ₉₁	2003 08 03.1	20 51.45 -18 23.6 20.0	-0.81 - 3.0	0.2/03.0	31402
1999 GM ₃	2003 08 03.1	20 51.45 -29 56.7 17.9	-0.93 - 0.1	6.9/31.7	9723
1995 WU ₂₅	2003 08 03.1	20 51.50 -25 16.0 20.4	-0.97 - 2.3	2.9/01.5	6732
1998 QQ ₉₀	2003 08 03.1	20 51.53 +03 23.2 17.3	-0.68 - 9.9	7.5/10.3	47737
1995 SE ₂₄	2003 08 03.1	20 51.55 -24 50.6 21.2	-0.97 - 3.4	2.4/01.5	47697
1998 FV ₁₂₂	2003 08 03.1	20 51.56 +00 09.3 18.9	-0.83 - 5.9	6.7/08.1	31814
2000 SP ₂₈₅	2003 08 03.2	20 51.53 -15 09.8 17.7	-1.06 - 0.4	1.2/03.7	47965
2000 US ₉₄	2003 08 03.2	20 51.54 -14 10.4 18.5	-1.04 - 1.4	1.6/03.9	33292
2002 JL ₁₀₉	2003 08 03.2	20 51.60 -25 10.6 20.6	-0.83 - 2.8	2.1/01.5	33574
2000 LX ₁₅	2003 08 03.2	20 51.61 -26 05.3 17.6	-1.14 -25.5	4.0/31.1	25029
2000 SY ₃₂₀	2003 08 03.2	20 51.62 +16 15.1 18.7	-1.25 + 9.6	15.8/04.2	33884
2002 CH ₅₀	2003 08 03.2	20 51.62 -16 25.5 19.4	-1.04 - 5.7	0.5/03.5	31966
2002 CZ ₈₁	2003 08 03.2	20 51.68 -16 02.3 18.6	-0.88 - 6.4	0.7/03.6	31967
1999 WP ₈	2003 08 03.2	20 51.69 -28 30.1 19.2	-0.83 - 6.8	3.8/31.2	47827
2000 YB ₃₅	2003 08 03.2	20 51.70 -15 32.2 20.4	-0.81 - 6.0	0.6/03.8	13801
2002 AS ₁₂	2003 08 03.2	20 51.73 -16 44.1 19.7	-1.02 - 3.5	0.3/03.4	30604
2002 GT ₇₃	2003 08 03.2	20 51.75 -17 16.7 20.6	-0.96 - 4.5	0.1/03.3	48228
1991 RJ ₃	2003 08 03.2	20 51.75 -10 58.5 18.1	-0.81 - 1.2	3.4/04.6	6184
1999 XW ₂₀	2003 08 03.2	20 51.77 -40 09.1 19.9	-1.11 - 2.9	7.4/28.6	13029
2001 DF ₇₅	2003 08 03.2	20 51.87 -09 25.4 18.8	-0.83 - 9.3	2.9/05.6	33899

2000 UA ₆₉	2003 08 03.2	20 51.91 -10 24.1 19.3	-1.01 - 2.7	2.7/04.8	9853
1999 RV ₁₃₀	2003 08 03.2	20 51.93 -16 19.8 17.9	-1.01 - 1.2	0.5/03.5	35477
1999 LA ₂₂	2003 08 03.2	20 51.93 -16 56.5 17.7	-0.98 - 6.3	0.3/03.5	31855
2000 OH ₄₈	2003 08 03.2	20 51.94 -23 09.4 18.2	-0.82 - 2.5	3.3/02.0	47906
2000 WK ₆₉	2003 08 03.2	20 51.95 -16 54.6 16.7	-1.07 + 1.1	0.3/03.4	29555
1998 KU ₅₈	2003 08 03.2	20 51.98 -29 05.6 18.6	-0.94 - 9.2	4.1/31.0	30272
2002 GD ₁₃₆	2003 08 03.3	20 51.92 -24 26.6 19.2	-0.91 - 1.6	2.2/01.9	33554
2000 WV ₅₇	2003 08 03.3	20 51.95 -24 04.8 19.5	-0.94 - 4.6	2.1/01.7	35536
1993 FQ ₁₅	2003 08 03.3	20 51.95 -14 50.2 19.2	-0.62 - 4.0	0.6/04.0	13537
2000 SO ₁₈₇	2003 08 03.3	20 51.96 -23 35.9 19.6	-1.08 - 2.9	2.3/02.0	47957
2000 YV ₉₄	2003 08 03.3	20 51.96 -20 20.4 18.4	-0.99 - 6.2	1.2/02.6	33345
2000 WT ₈₂	2003 08 03.3	20 51.97 -18 22.2 20.2	-1.04 - 3.3	0.3/03.2	18302
1999 RZ ₇₈	2003 08 03.3	20 51.99 -34 02.8 19.4	-1.14 + 0.9	5.7/31.4	47790
2002 AO ₁₅₃	2003 08 03.3	20 52.00 -19 24.6 19.0	-1.03 - 3.4	0.7/02.9	30622
2001 CH ₃₆	2003 08 03.3	20 52.03 -24 36.7 18.7	-0.97 - 5.7	2.6/01.6	31939
2002 BC ₂₀	2003 08 03.3	20 52.10 -16 50.3 19.4	-1.04 - 4.7	0.3/03.5	27822
1998 KO ₃₀	2003 08 03.3	20 52.18 -26 53.5 19.2	-0.97 - 3.3	3.1/01.3	31817
2000 WZ ₁₇₂	2003 08 03.3	20 52.22 -13 06.2 20.7	-0.96 - 4.2	1.6/04.4	30433
2000 UU ₁₀₂	2003 08 03.3	20 52.24 -39 31.9 19.0	-1.12 - 1.7	7.3/29.7	31920
2002 JJ ₇₈	2003 08 03.3	20 52.31 -12 38.5 19.6	-0.88 - 3.6	1.7/04.5	34001
2002 CR ₆₂	2003 08 03.3	20 52.33 -31 20.0 18.5	-0.98 - 5.6	5.4/30.9	30649
2000 TY ₂₇	2003 08 03.3	20 52.37 -16 36.0 19.3	-1.00 - 3.2	0.4/03.6	30408
2000 UK ₃₅	2003 08 03.4	20 52.29 -13 31.1 17.9	-0.95 - 4.3	1.7/04.3	30413
2000 AO ₉₂	2003 08 03.4	20 52.33 +03 33.4 19.1	-1.07 + 4.3	7.8/06.1	18225
2000 YJ ₁₁₀	2003 08 03.4	20 52.36 -22 28.0 19.3	-0.95 - 3.2	1.7/02.3	30443
2000 ST ₆₄	2003 08 03.4	20 52.37 -24 19.9 18.9	-1.07 - 5.1	2.7/01.8	29329
1999 VZ ₅₄	2003 08 03.4	20 52.38 -34 38.2 19.7	-0.94 - 3.0	5.2/30.3	35487
2002 GN ₅₄	2003 08 03.4	20 52.43 -07 23.2 18.0	-0.86 - 2.9	3.5/05.8	31996
2000 WO ₁₄₂	2003 08 03.4	20 52.45 -15 39.8 17.9	-0.86 - 7.5	0.8/04.0	47992
2000 WW ₁₁₈	2003 08 03.4	20 52.55 -20 44.6 19.4	-0.97 - 3.2	1.1/02.7	31925
2000 XO ₁₆	2003 08 03.4	20 52.56 -23 03.1 18.3	-1.08 + 0.6	2.6/02.5	29607
2002 GP ₆₃	2003 08 03.4	20 52.57 -20 18.1 19.1	-0.80 - 3.6	0.9/02.8	31532
1999 XG ₁₆₆	2003 08 03.4	20 52.61 -32 42.2 17.9	-0.94 - 2.2	4.7/31.0	31885
2002 GC ₇	2003 08 03.4	20 52.61 -25 59.5 19.1	-0.92 - 8.0	2.9/01.1	31991
1999 WF ₁₀	2003 08 03.4	20 52.65 -30 18.8 19.8	-0.96 - 2.6	4.4/31.6	31305
2000 VQ ₃₁	2003 08 03.4	20 52.69 -30 21.4 18.8	-1.08 - 4.5	5.2/31.4	31921
2001 XQ ₆₄	2003 08 03.4	20 52.70 -06 59.5 18.1	-1.09 + 0.7	4.6/05.4	48163
1999 VD ₁₀₁	2003 08 03.4	20 52.72 -20 57.7 18.4	-0.84 - 3.3	1.2/02.7	35488
2002 CT ₂₆₁	2003 08 03.5	20 52.67 -21 29.8 20.3	-0.99 - 4.7	1.5/02.6	31972
1998 HF ₃₅	2003 08 03.5	20 52.71 -24 21.2 18.6	-0.94 - 5.1	2.6/01.8	28993
2002 CX ₉₂	2003 08 03.5	20 52.72 -22 31.5 17.6	-0.93 - 5.0	2.3/02.3	30656
2001 CQ ₁₁	2003 08 03.5	20 52.75 -22 57.5 19.6	-0.93 - 3.6	1.8/02.3	48008
1999 TF ₃₀₂	2003 08 03.5	20 52.77 -16 19.9 18.5	-1.01 + 1.4	0.5/03.7	17064
1975 SY ₁	2003 08 03.5	20 52.77 -36 09.5 18.6	-1.23 - 3.1	7.9/30.1	30239
2000 YX ₈₆	2003 08 03.5	20 52.81 -25 39.8 19.7	-0.89 - 5.6	2.5/01.4	31378
1999 VG	2003 08 03.5	20 52.86 -11 28.7 17.7	-0.86 - 4.2	2.6/05.0	47818
2001 CW ₁₅	2003 08 03.5	20 52.87 -21 12.4 19.5	-0.77 - 5.7	1.1/02.6	31938
1998 DE ₂₇	2003 08 03.5	20 52.89 -19 44.8 19.4	-1.08 - 1.4	0.9/03.1	16792
2001 BU	2003 08 03.5	20 52.91 -24 11.1 18.9	-0.79 - 4.3	1.8/01.9	31935
2002 JU ₁₁₉	2003 08 03.5	20 52.99 -37 39.6 18.7	-1.00 - 5.9	6.7/29.1	33578
1999 VF ₂₂₅	2003 08 03.5	20 53.04 -32 14.0 20.2	-0.84 - 4.3	3.8/30.8	13012

2003 AUG. 6

M.P.C. 49327

1994 AV ₁₃	2003 08 03.5	20 53.04	-20 49.6	19.8	-0.98	-	4.7	1.1/02.8	31216
1999 RQ ₂₅₂	2003 08 03.5	20 53.04	-10 45.7	18.7	-0.87	-	1.9	2.2/05.0	31863
2000 SX ₁₁₆	2003 08 03.5	20 53.07	-08 38.0	19.4	-0.94	-	6.6	3.7/05.8	29347
2002 CT ₂₄₄	2003 08 03.5	20 53.08	-09 41.7	19.7	-0.93	-	6.3	3.1/05.6	29897
2001 FN ₁₄₀	2003 08 03.5	20 53.09	-25 16.9	19.2	-0.81	-	3.9	2.2/01.7	48025
1981 EK ₃₈	2003 08 03.5	20 53.09	-16 11.9	19.6	-1.04	-	2.7	0.5/03.9	27574
2000 YJ ₃₁	2003 08 03.5	20 53.10	-22 08.4	18.5	-0.82	-	3.3	1.7/02.5	31930
3044 P-L	2003 08 03.5	20 53.12	-13 31.2	18.0	-1.12	+	0.8	1.9/04.3	30771
1999 TH ₆₃	2003 08 03.6	20 53.06	-17 36.3	18.8	-0.77	-	3.6	0.0/03.6	31866
1991 PT ₁₀	2003 08 03.6	20 53.11	-14 16.7	17.0	-0.88	-	1.0	1.6/04.3	35434
2000 SM ₁₀₄	2003 08 03.6	20 53.11	-18 09.7	18.9	-1.03	-	3.9	0.3/03.5	33883
2002 EN ₈₅	2003 08 03.6	20 53.14	-16 11.6	20.7	-0.98	-	4.9	0.5/03.9	30034
2002 EZ ₄₀	2003 08 03.6	20 53.20	-09 36.4	20.2	-0.95	-	5.1	2.7/05.5	30708
1999 TF ₁₅₇	2003 08 03.6	20 53.22	-06 39.6	19.5	-0.83	-	4.5	4.2/06.3	30323
2000 UB ₉₅	2003 08 03.6	20 53.25	-17 40.9	18.9	-1.03	-	2.1	0.1/03.6	47982
2000 UH ₆₅	2003 08 03.6	20 53.26	-11 23.4	19.1	-0.99	-	2.9	2.3/05.0	47979
2000 SX ₄₁	2003 08 03.6	20 53.27	-18 44.8	17.8	-0.91	-	7.1	0.6/03.3	27703
2002 GD ₁₀₄	2003 08 03.6	20 53.27	-21 23.6	20.2	-0.92	-	5.1	1.3/02.7	31577
2000 RM ₄₃	2003 08 03.6	20 53.28	-09 53.6	17.6	-1.02	+	0.8	3.9/05.0	47934
2002 GT ₇	2003 08 03.6	20 53.28	-36 33.4	20.5	-1.05	-	3.5	6.3/30.1	30735
2000 SO ₂₃₄	2003 08 03.6	20 53.30	-19 19.2	18.4	-0.99	-	7.7	0.7/03.2	47961
2000 WN ₅₆	2003 08 03.6	20 53.31	-17 32.1	18.9	-1.02	-	4.1	0.0/03.6	8544
1999 TA ₂₂₀	2003 08 03.6	20 53.36	+01 33.0	20.6	-0.85	-	3.0	7.0/08.1	6257
2002 GV ₁₇₄	2003 08 03.6	20 53.38	-19 10.4	19.5	-0.96	-	7.0	0.6/03.2	48231
2002 ES ₁₂₈	2003 08 03.6	20 53.40	-14 04.2	20.4	-0.94	-	5.5	1.4/04.5	31984
1999 XS ₁₅₃	2003 08 03.6	20 53.43	-20 24.8	17.7	-0.78	-	7.4	0.9/02.9	31885
1999 XE ₂₂₂	2003 08 03.6	20 53.45	-38 36.3	19.0	-0.92	-	4.4	6.4/29.0	30343
1999 VZ ₁₁₃	2003 08 03.6	20 53.47	-09 21.4	19.0	-0.87	-	1.7	2.8/05.4	35488
2002 EX ₉₈	2003 08 03.6	20 53.52	-24 43.1	18.3	-1.18	+	2.6	2.5/02.6	33537
2000 UA ₅₂	2003 08 03.6	20 53.52	-06 23.5	18.9	-0.95	-	2.7	5.2/06.1	47978
2002 CQ ₂₃₈	2003 08 03.7	20 53.49	-17 08.6	19.2	-1.04	-	1.7	0.1/03.8	30688
2000 QY ₈₁	2003 08 03.7	20 53.61	-16 22.3	19.0	-1.07	-	3.2	0.5/04.0	47917
2002 GR ₈₈	2003 08 03.7	20 53.66	+06 11.2	19.7	-0.70	-	5.0	7.1/10.6	33550
2001 WG ₁₅	2003 08 03.7	20 53.68	-16 17.4	18.6	-1.67	+	7.9	0.6/03.8	30553
2002 AN ₁₀₉	2003 08 03.7	20 53.69	-22 53.3	19.6	-1.01	-13.3		2.0/02.1	27808
2000 VG ₅₂	2003 08 03.7	20 53.73	-26 47.8	19.0	-1.07	-	0.8	4.2/01.9	47986
1998 HG ₃₈	2003 08 03.7	20 53.74	-42 14.8	17.5	-1.21	-	0.9	9.0/29.3	41536
1999 VQ ₆₂	2003 08 03.7	20 53.76	-22 22.1	19.8	-0.87	-	3.6	1.6/02.6	33133
1999 UU ₁₂	2003 08 03.7	20 53.77	-28 22.8	19.7	-1.05	-	2.0	3.9/01.4	33834
2000 WZ ₁₃₄	2003 08 03.7	20 53.80	-26 46.9	17.5	-0.90	+	4.3	5.7/02.4	29582
2000 YC ₆₁	2003 08 03.7	20 53.86	-08 17.4	18.5	-0.88	+	0.4	3.0/05.6	27760
2001 AF ₂₅	2003 08 03.8	20 53.83	-24 59.8	19.0	-0.99	-	4.2	2.7/02.0	34995
1997 WF ₁₂	2003 08 03.8	20 53.84	-21 51.3	20.1	-1.01	-	4.5	1.6/02.8	28967
1999 FU ₃₃	2003 08 03.8	20 53.84	-23 06.2	18.2	-0.97	-	5.8	2.7/02.4	47774
1999 XK ₁₅₃	2003 08 03.8	20 53.85	-33 04.4	18.4	-0.88	-	4.0	4.8/30.8	30342
2000 XE ₄₄	2003 08 03.8	20 53.92	-38 55.7	20.0	-1.04	-	3.5	6.7/29.5	29622
1999 TN ₁₃₁	2003 08 03.8	20 53.93	-10 46.3	20.1	-0.84	-	3.6	2.1/05.4	22119
1999 RQ ₁₃₂	2003 08 03.8	20 53.96	-14 38.6	17.2	-0.96	-	0.5	1.3/04.4	47792
1990 QY ₅	2003 08 03.8	20 53.97	-26 42.5	16.8	-1.12	+	2.3	4.0/02.3	30241
2000 TC ₂₃	2003 08 03.8	20 53.98	-10 30.3	20.4	-0.97	-	4.8	2.6/05.5	31917
2000 XX ₃₁	2003 08 03.8	20 54.00	-36 56.1	19.7	-1.10	-	1.7	7.1/30.5	47996

2002 GT ₆₅	2003 08 03.8	20 54.03	-11 00.7	19.7	-0.76	-	4.6	2.4/05.5	48228
2000 AN ₇₄	2003 08 03.8	20 54.10	-05 24.0	19.1	-0.78	-	2.2	3.8/06.6	31890
2002 CV ₂₄₄	2003 08 03.8	20 54.12	+06 59.8	19.0	-0.79	-	9.2	8.5/11.8	31971
1999 UC ₂₁	2003 08 03.8	20 54.16	+04 08.3	18.8	-0.81	-	4.9	7.5/09.5	47815
2000 SP ₈₃	2003 08 03.8	20 54.19	-21 21.5	19.1	-0.97	-	5.6	1.9/02.9	47948
2001 FX ₂	2003 08 03.8	20 54.20	-33 22.4	20.9	-0.90	-	0.8	4.0/31.4	48017
2002 GP ₈₆	2003 08 03.8	20 54.20	-14 37.5	19.0	-0.81	-	6.2	1.0/04.6	48229
2000 SY ₂₆₉	2003 08 03.8	20 54.27	-21 01.4	18.1	-0.80	-	9.0	1.9/02.8	46494
2001 WV ₁₅	2003 08 03.8	20 54.30	-56 33.2	20.0	-1.77	-	5.7	16.9/22.5	30553
2002 CT ₂₂₆	2003 08 03.8	20 54.30	-15 32.4	18.6	-1.07	-	0.4	0.9/04.2	29877
2000 XJ ₃₈	2003 08 03.9	20 54.22	-30 01.4	17.6	-1.53	+	4.1	5.4/02.2	13799
2001 BX ₃₁	2003 08 03.9	20 54.22	-17 45.9	20.9	-0.90	-	3.7	0.1/03.8	18311
1999 RC ₂₀₂	2003 08 03.9	20 54.31	-11 36.1	18.9	-0.99	+	0.1	2.2/05.0	47796
2000 VV ₂₄	2003 08 03.9	20 54.32	-28 55.9	19.9	-1.06	-	4.2	4.3/01.2	47984
2000 TN ₅₂	2003 08 03.9	20 54.32	-23 52.0	19.7	-1.02	-	4.1	2.5/02.5	47974
2001 AF ₅	2003 08 03.9	20 54.33	-14 12.0	18.1	-0.84	-	4.8	1.1/04.7	35538
2001 AF ₁₂	2003 08 03.9	20 54.34	-08 12.2	19.0	-0.92	-	0.9	3.3/05.8	17527
1998 QU ₄	2003 08 03.9	20 54.35	-13 48.3	19.8	-0.86	-	1.0	1.2/04.7	6807
2002 JN ₆₉	2003 08 03.9	20 54.38	-25 12.1	19.2	-0.89	-	5.5	2.5/01.9	32024
2000 XC ₄₀	2003 08 03.9	20 54.42	-65 40.6	16.7	-1.85	+	1.6	18.5/21.4	31929
2002 AZ ₁₇	2003 08 03.9	20 54.50	-02 15.5	18.1	-1.04	-19.6		6.8/09.2	48185
2002 EY ₄₄	2003 08 03.9	20 54.54	-22 22.6	19.4	-1.12	-	1.9	2.1/03.0	31978
1998 RN ₇₉	2003 08 03.9	20 54.58	-33 41.9	18.8	-0.89	-	2.8	5.5/31.0	29016
2002 GO ₄₇	2003 08 03.9	20 54.61	-20 56.8	20.2	-0.88	-	3.2	1.2/03.2	48227
2002 GH ₉₆	2003 08 03.9	20 54.63	-05 54.5	19.5	-0.78	-	3.4	3.9/06.8	31568
1999 RM ₁₆₀	2003 08 03.9	20 54.65	-35 07.9	19.3	-1.02	-	1.5	4.9/31.1	16041
1999 XL ₁₉₂	2003 08 04.0	20 54.62	-42 31.0	17.6	-0.94	-	4.6	8.6/27.8	31886
2002 CE ₃₅	2003 08 04.0	20 54.66	-27 29.5	20.0	-1.12	-	2.3	4.0/01.9	27460
1999 CZ ₁₅₇	2003 08 04.0	20 54.66	-19 56.8	16.5	-1.04	+	0.2	1.4/03.6	47771
2002 CF ₁₆₇	2003 08 04.0	20 54.67	-26 01.5	18.3	-0.99	-	3.6	3.4/02.1	31455
2001 BE ₇₈	2003 08 04.0	20 54.67	-13 50.7	20.0	-0.89	-	4.6	1.2/04.9	11838
2001 AO ₅	2003 08 04.0	20 54.68	-12 13.9	17.8	-0.92	-	3.1	2.0/05.2	31933
2000 SU ₁₃₉	2003 08 04.0	20 54.69	-09 15.2	18.7	-1.00	-	3.1	3.3/05.8	29356
2000 US ₃	2003 08 04.0	20 54.69	-25 56.5	19.6	-1.05	-	4.2	3.6/02.0	33281
2000 UJ ₄₅	2003 08 04.0	20 54.70	-06 37.3	19.1	-0.89	-	5.0	5.1/06.7	47978
2002 HE ₉	2003 08 04.0	20 54.71	-32 18.6	20.2	-0.95	-	3.9	4.7/31.4	33995
2000 YL ₂₀	2003 08 04.0	20 54.74	-05 48.4	20.1	-0.93	-	0.8	3.9/06.4	9896
2000 SE ₂₃₉	2003 08 04.0	20 54.76	-12 15.8	19.1	-0.97	-	8.1	2.0/05.4	47961
2000 YH ₇₄	2003 08 04.0	20 54.76	-00 40.9	19.2	-0.88	-	1.9	5.5/07.7	29642
1998 UC ₂₇	2003 08 04.0	20 54.80	-20 08.8	17.5	-0.71	-	6.4	1.2/03.3	10873
2002 AV ₁₉₀	2003 08 04.0	20 54.84	-38 03.1	18.4	-1.08	-	1.3	7.0/30.7	31964
2001 AR ₁₅	2003 08 04.0	20 54.85	-09 52.0	18.4	-0.88	-	1.8	2.5/05.7	12268
1999 GP ₃₁	2003 08 04.0	20 54.87	-15 10.4	18.2	-0.93	-	5.3	1.1/04.6	27617
1998 EZ ₅	2003 08 04.0	20 54.94	-19 42.9	18.2	-1.01	-	5.3	0.9/03.5	31811
2000 UC ₆₆	2003 08 04.0	20 54.96	-08 27.4	19.0	-0.95	-	2.9	3.1/06.1	30415
2002 GW ₆₃	2003 08 04.0	20 54.99	-15 30.2	20.8	-0.96	-	4.8	0.7/04.5	48228
1999 RY ₇₂	2003 08 04.0	20 55.02	-17 44.2	18.7	-0.82	-	0.8	0.2/04.0	37178
1999 JO ₄₁	2003 08 04.0	20 55.05	-23 27.8	18.0	-1.01	-	5.9	2.5/02.6	41575
2002 JA ₈	2003 08 04.1	20 55.02	-32 11.7	18.4	-0.86	-	5.5	5.4/31.1	30179
2000 SA ₂₅₉	2003 08 04.1	20 55.08	-25 58.1	19.8	-1.02	-	5.7	3.5/02.0	47963
2000 WQ ₁₀₈	2003 08 04.1	20 55.15	-14 47.1	20.1	-0.93	-	2.1	0.9/04.7	34976

2000 YR ₉₄	2003 08 04.1	20 55.24	-15 07.4	19.1	-0.83	-	4.6	0.8/04.7	30442
1998 HA ₁₄₇	2003 08 04.1	20 55.28	-09 14.4	18.6	-0.84	-	7.6	2.8/06.4	30270
1999 RS ₃₀	2003 08 04.1	20 55.33	-42 38.1	19.6	-1.36	+	1.4	8.2/30.1	11536
1999 VY ₁₇₆	2003 08 04.1	20 55.38	-14 32.6	18.9	-0.87	-	5.3	1.1/04.9	47825
1999 RB ₁₈₅	2003 08 04.1	20 55.41	-20 19.1	19.0	-0.85	-	7.5	1.4/03.4	17038
1998 HA ₆₈	2003 08 04.1	20 55.42	-10 37.9	19.3	-0.91	-	3.3	2.4/05.7	30269
1999 RR ₅₆	2003 08 04.1	20 55.44	-18 53.8	19.5	-0.96	-	1.5	0.5/03.9	40360
1981 EU ₃₆	2003 08 04.2	20 55.38	-10 39.6	19.9	-0.99	-	3.9	2.4/05.7	31800
2000 ST ₁₅₅	2003 08 04.2	20 55.40	-23 13.0	19.5	-1.10	-	2.6	2.8/03.0	30395
2000 SK ₁₃₃	2003 08 04.2	20 55.41	-05 26.6	19.3	-1.04	-	1.8	5.2/06.6	47952
2000 XV ₅₃	2003 08 04.2	20 55.46	-13 50.6	19.1	-0.96	-	4.0	1.5/05.0	33333
2000 YP ₁₂₅	2003 08 04.2	20 55.48	-34 26.2	19.4	-0.88	-	3.4	4.9/31.0	31933
2002 EL ₉	2003 08 04.2	20 55.51	-24 34.1	19.2	-1.01	-	5.9	2.6/02.4	29939
2001 XV ₁₁₉	2003 08 04.2	20 55.57	-27 10.8	18.1	-1.04	-	5.1	3.9/01.9	30577
2001 BQ ₁₄	2003 08 04.2	20 55.62	-19 37.2	19.2	-0.84	-	2.1	0.7/03.7	33892
2000 UQ ₇₆	2003 08 04.2	20 55.63	-19 02.8	19.3	-1.01	-	3.5	0.6/03.9	31919
2001 BR ₄	2003 08 04.2	20 55.66	-29 41.9	19.2	-0.98	-	7.3	4.2/31.8	12272
2002 CY ₁₁₃	2003 08 04.2	20 55.68	-21 04.9	18.7	-1.03	-	5.0	1.7/03.4	30661
2002 GH ₁₆₁	2003 08 04.2	20 55.69	-26 26.5	18.3	-0.82	-	6.7	3.2/01.7	31606
1999 RH ₂₁	2003 08 04.2	20 55.70	-30 15.3	19.0	-1.03	-	1.1	5.7/01.5	2650
1998 HF ₈₉	2003 08 04.2	20 55.70	-26 53.2	18.9	-1.00	-	3.8	3.3/02.0	30269
2000 WA ₁₁₄	2003 08 04.2	20 55.70	-17 12.7	19.4	-0.95	-	3.0	0.0/04.3	47991
1999 VV ₁₈₂	2003 08 04.2	20 55.77	-19 13.6	20.2	-0.79	-	3.2	0.5/03.8	47825
1999 RB ₁₀₇	2003 08 04.2	20 55.77	-30 20.5	19.7	-1.02	-	2.4	4.4/01.3	33820
2000 UJ ₁₁₂	2003 08 04.2	20 55.78	-16 10.6	20.2	-0.96	-	4.0	0.4/04.6	30418
2001 BL ₅₀	2003 08 04.2	20 55.82	-02 36.3	18.2	-0.84	-	7.3	7.1/08.3	48007
2000 VZ ₂₈	2003 08 04.3	20 55.80	-07 10.5	17.5	-0.87	-	5.2	4.7/06.9	31921
2002 CD ₄₈	2003 08 04.3	20 55.81	-06 31.7	19.3	-0.99	-	5.0	4.6/07.0	48200
2002 JW ₇₅	2003 08 04.3	20 55.87	-24 55.3	19.9	-0.99	-	2.6	2.6/02.7	31709
2002 GW ₇₄	2003 08 04.3	20 55.88	-08 18.0	20.1	-0.93	-	4.7	3.4/06.5	31544
1999 XO ₄₈	2003 08 04.3	20 55.98	-16 01.1	19.9	-0.83	-	3.2	0.4/04.7	47829
2000 UD ₂₈	2003 08 04.3	20 56.01	-13 31.2	18.1	-1.01	-	2.7	1.7/05.2	47976
1999 SE ₈	2003 08 04.3	20 56.02	-27 53.3	18.2	-0.94	-	5.4	4.4/01.6	47799
2000 UM ₁₀₆	2003 08 04.3	20 56.07	-26 45.1	18.7	-1.03	-	5.6	3.5/02.0	30418
2000 SW ₁₆₉	2003 08 04.3	20 56.07	+16 23.5	19.8	-0.92	-	4.1	12.3/13.4	31336
2002 AG ₂₂	2003 08 04.3	20 56.07	-17 31.4	19.7	-0.92	-	13.0	0.1/04.3	30606
1999 XA ₆₃	2003 08 04.3	20 56.08	-04 07.4	19.6	-0.76	-	2.7	3.8/07.5	6263
2001 BQ ₇₆	2003 08 04.3	20 56.10	-16 40.2	19.0	-0.80	-	2.9	0.2/04.5	31937
2002 EQ ₅₁	2003 08 04.3	20 56.17	-18 53.3	19.6	-0.87	-	4.7	0.5/04.0	48218
2002 CC ₁₀₄	2003 08 04.3	20 56.19	-28 26.0	19.8	-1.09	-	0.2	4.1/02.3	30659
1995 UT ₇₁	2003 08 04.4	20 56.15	-39 02.7	19.1	-1.11	-	1.5	7.6/30.5	30249
2002 JT ₄₀	2003 08 04.4	20 56.25	+02 59.7	17.4	-0.92	-	2.6	9.3/09.0	48234
2001 FW ₁₃₉	2003 08 04.4	20 56.27	-29 09.8	19.3	-0.91	-	0.6	3.2/01.9	27767
2001 BM ₂₈	2003 08 04.4	20 56.29	-17 49.3	17.5	-0.88	-	10.6	0.2/04.3	34999
2001 BO ₇₄	2003 08 04.4	20 56.32	-22 55.1	19.4	-0.91	0.0	1.0	1.7/03.3	12282
1999 RJ ₂₀₈	2003 08 04.4	20 56.32	-10 12.8	18.1	-0.91	-	1.3	2.5/05.9	47797
2002 DH ₄	2003 08 04.4	20 56.38	-53 55.1	21.2	-1.75	+	1.8	13.0/28.2	30697
2002 CG ₁₀₅	2003 08 04.4	20 56.39	-23 04.9	20.3	-1.05	-	2.5	2.2/03.2	30659
2002 ES	2003 08 04.4	20 56.39	-10 18.3	20.6	-0.96	-	6.0	2.5/06.2	30700
2002 CH ₁₂₉	2003 08 04.4	20 56.42	-12 21.3	19.4	-0.98	-	5.5	2.0/05.7	31968
2000 ST ₁₀₆	2003 08 04.4	20 56.47	-17 33.2	18.7	-1.04	-	3.4	0.1/04.4	30392

2002 JW ₉	2003 08 04.4	20 56.48	-13 20.6	17.5	-0.74	-	10.8	1.3/05.7	31622
1999 RE ₁₃₄	2003 08 04.4	20 56.50	-19 30.1	18.1	-1.06	+	0.6	0.8/04.1	12154
1998 SG ₅₆	2003 08 04.4	20 56.50	-28 49.2	17.8	-0.92	-	0.5	3.6/02.1	13578
2002 JC ₁₀₄	2003 08 04.4	20 56.54	+01 11.6	19.5	-0.73	-	2.5	5.4/09.1	31733
1999 RL ₁₇	2003 08 04.4	20 56.56	-13 25.2	18.8	-0.89	-	3.2	1.3/05.4	30305
2000 WD ₇₆	2003 08 04.4	20 56.59	-21 55.1	20.2	-1.07	-	3.7	2.0/03.5	9875
2002 GH ₁₆₉	2003 08 04.5	20 56.53	-16 47.4	19.7	-0.87	-	2.8	0.2/04.6	35187
2000 UY ₆₆	2003 08 04.5	20 56.53	-16 52.2	17.8	-1.00	-	1.7	0.2/04.6	27736
2001 FS ₁₂₁	2003 08 04.5	20 56.53	-33 39.3	19.0	-0.91	-	3.1	5.0/31.4	48024
1998 ES ₅	2003 08 04.5	20 56.53	-17 31.9	17.5	-0.83	-	6.0	0.1/04.4	47724
2000 YZ ₇₈	2003 08 04.5	20 56.55	-14 35.8	19.4	-1.00	-	3.8	1.1/05.1	30441
2000 TJ ₁₁	2003 08 04.5	20 56.63	-22 40.1	20.6	-1.05	-	4.2	2.0/03.3	47970
1999 UA ₁₅	2003 08 04.5	20 56.67	-31 16.4	19.8	-0.97	-	3.7	4.6/01.0	12969
2000 YM ₁₂₂	2003 08 04.5	20 56.70	-00 39.6	18.7	-0.84	-	5.1	5.5/08.9	30443
2001 EF ₈	2003 08 04.5	20 56.76	-28 08.2	19.0	-0.80	-	2.1	3.0/02.0	48015
2002 HN ₁₇	2003 08 04.5	20 56.83	-54 46.7	17.8	-1.08	-	7.6	12.9/21.7	33995
1996 XD ₂₆	2003 08 04.5	20 56.86	-24 11.4	18.1	-0.95	-	5.2	2.5/02.8	47707
1999 VN ₄₈	2003 08 04.5	20 56.91	+01 09.9	18.6	-0.83	-	1.0	8.2/08.6	47820
1999 PY ₇	2003 08 04.5	20 56.91	-17 53.3	18.1	-0.86	-	1.3	0.3/04.4	29057
2001 FJ ₂₆	2003 08 04.5	20 56.92	-00 30.6	20.1	-0.70	-	3.6	4.1/08.9	19926
1999 VR ₂₀₀	2003 08 04.5	20 56.93	-23 06.4	19.5	-0.92	-	0.9	1.9/03.4	47826
1999 VK ₉₂	2003 08 04.5	20 56.98	-34 45.9	19.4	-1.01	-	2.3	5.6/31.5	33839
2002 CX ₁₆₉	2003 08 04.5	20 56.99	-19 44.6	19.0	-0.99	-	7.3	1.0/03.9	33962
2002 FD ₁₅	2003 08 04.5	20 57.00	-32 32.0	19.1	-1.16	-	4.1	6.0/01.0	33975
2002 HB ₁₁	2003 08 04.6	20 56.91	-25 22.5	18.3	-0.81	-	3.5	2.8/02.6	30743
2000 XB ₄₈	2003 08 04.6	20 56.96	-24 10.2	19.5	-1.11	-	1.4	2.9/03.2	9460
2000 YZ ₁₂₁	2003 08 04.6	20 57.00	+02 51.0	19.2	-0.85	-	5.4	7.7/09.9	48002
1999 TY ₂₂₈	2003 08 04.6	20 57.01	-05 52.9	19.2	-0.80	-	5.9	4.0/07.7	47811
2000 VC ₁₆	2003 08 04.6	20 57.02	-22 38.3	18.1	-0.93	-	5.4	1.9/03.3	31920
2002 CT ₁₃₃	2003 08 04.6	20 57.02	-37 48.1	20.8	-1.39	+	1.8	6.9/01.3	30666
1999 SO ₂₇	2003 08 04.6	20 57.04	+03 55.7	19.1	-0.98	+	2.2	8.6/08.1	17046
2000 YV ₈₄	2003 08 04.6	20 57.07	-16 48.2	18.3	-0.95	-	6.7	0.2/04.7	48000
2000 XJ ₂₉	2003 08 04.6	20 57.11	-38 08.0	19.7	-1.06	-	2.5	6.6/30.6	47996
2000 US ₂₂	2003 08 04.6	20 57.27	-28 49.1	18.5	-1.06	-	6.0	4.8/01.7	47976
2001 FL ₂₄	2003 08 04.6	20 57.28	-11 14.1	18.7	-0.69	-	1.0	1.5/06.0	13826
2000 WL ₂₄	2003 08 04.6	20 57.32	-29 02.2	18.6	-0.94	-	6.3	3.9/01.5	31922
1999 VX ₇₄	2003 08 04.7	20 57.33	-04 32.4	19.4	-0.80	-	5.6	4.9/08.2	47821
2000 YD ₆₁	2003 08 04.7	20 57.35	-02 56.0	18.4	-0.94	+	2.3	4.6/07.2	13801
2000 UJ ₈₉	2003 08 04.7	20 57.37	-12 20.9	17.5	-0.70	-	8.2	2.7/06.2	47981
1998 RG ₅	2003 08 04.7	20 57.39	-32 34.9	18.8	-0.88	-	2.8	5.0/32.0	31824
2002 CR ₈₃	2003 08 04.7	20 57.39	-22 57.5	18.7	-1.05	-	2.7	2.1/03.5	48202
2000 SY ₃₄	2003 08 04.7	20 57.41	-15 19.9	19.2	-0.96	-	5.6	1.0/05.2	13742
1999 YB ₆	2003 08 04.7	20 57.47	-27 52.5	17.4	-1.61	+	6.4	4.6/03.5	2706
2002 BU ₁₇	2003 08 04.7	20 57.48	-16 14.1	18.3	-1.01	-	3.4	0.4/05.0	27821
2002 GH ₂₁	2003 08 04.7	20 57.49	-13 54.4	19.7	-0.78	-	2.6	1.0/05.5	31992
1993 TU ₃₉	2003 08 04.7	20 57.50	-23 39.0	20.5	-1.03	-	4.8	2.3/03.2	30245
1998 RP ₄₉	2003 08 04.7	20 57.52	-18 17.8	18.8	-0.81	-	4.0	0.3/04.5	30279
1999 RS ₈₀	2003 08 04.7	20 57.54	-14 57.5	20.1	-0.91	-	3.7	0.8/05.3	11542
2000 VZ ₆₀	2003 08 04.7	20 57.55	-00 17.0	18.2	-0.91	-	4.4	7.1/09.2	30422
2000 SL ₂₈₇	2003 08 04.7	20 57.58	-26 41.3	18.4	-1.05	-	0.6	3.0/02.9	30404
2000 SX ₂₁₉	2003 08 04.7	20 57.59	-29 35.0	18.4	-1.03	-	7.2	5.6/01.3	47960

2000 YG ₅₂	2003 08 04.7	20 57.63	-26 06.1	18.7	-0.89	- 7.6	3.5/02.3	33339	2000 UF ₆₈	2003 08 05.0	20 58.72	-12 10.6	18.6	-1.03	- 2.0	2.0/06.1	30415
1998 VK ₁₅	2003 08 04.7	20 57.65	-21 30.5	17.8	-0.79	- 3.0	1.9/03.7	47755	2001 BL ₄₅	2003 08 05.0	20 58.74	-11 46.3	17.9	-0.98	- 2.7	2.1/06.2	33893
1999 VV ₁₄₁	2003 08 04.7	20 57.66	-16 25.2	20.5	-0.85	- 3.3	0.3/05.0	47823	2000 QB ₉₅	2003 08 05.0	20 58.76	-20 05.0	18.9	-1.11	- 2.8	1.3/04.4	27681
2000 YF ₁₂₅	2003 08 04.7	20 57.72	-39 18.5	20.1	-0.91	- 3.9	6.0/30.0	34992	2000 EU ₁₁	2003 08 05.0	20 58.76	-29 31.5	20.3	-0.68	- 2.5	2.7/01.9	13177
2002 CE ₅₄	2003 08 04.7	20 57.73	-17 13.3	20.0	-0.99	- 3.4	0.0/04.8	27833	1998 AA ₁	2003 08 05.0	20 58.80	-21 17.3	20.7	-0.97	- 5.3	1.4/04.0	47721
2002 AB ₂₀₃	2003 08 04.7	20 57.75	-17 47.4	19.5	-0.87	- 8.7	0.2/04.6	35570	1999 XL ₂₈	2003 08 05.0	20 58.81	-31 34.3	18.9	-0.86	- 4.7	4.4/01.2	31881
2000 SH ₈₉	2003 08 04.7	20 57.75	-30 41.2	19.8	-1.11	- 4.2	5.4/01.6	47948	1999 VJ ₁₁₀	2003 08 05.0	20 58.83	-15 36.5	20.7	-0.80	- 3.4	0.5/05.4	47823
2000 XW ₂₈	2003 08 04.7	20 57.75	-41 59.9	16.5	-0.95	- 6.3	11.2/28.0	31928	2002 JW ₁₆	2003 08 05.0	20 58.87	-33 33.4	20.0	-1.06	- 2.7	6.0/01.3	31631
2002 JK ₁₂₃	2003 08 04.8	20 57.68	-04 11.4	19.3	-0.70	- 7.2	4.3/08.7	48237	2002 FA ₁₀	2003 08 05.1	20 58.84	-28 39.5	19.6	-1.10	- 0.4	4.0/02.9	30731
2002 AZ ₁₅₄	2003 08 04.8	20 57.69	-18 38.7	19.2	-0.97	- 6.0	0.5/04.4	30623	2000 QL ₃₉	2003 08 05.1	20 58.91	-17 31.4	18.3	-1.09	- 1.4	0.2/05.0	25814
2000 VV ₂₀	2003 08 04.8	20 57.76	-36 18.6	19.6	-1.04	- 3.2	5.9/31.2	31920	1999 RV ₂₀₁	2003 08 05.1	20 58.94	+06 05.3	17.8	-0.88	- 0.3	10.4/10.7	46377
2000 WC ₁₃₄	2003 08 04.8	20 57.83	-19 59.6	18.7	-1.11	- 2.4	1.2/04.2	22744	1998 SC ₉₀	2003 08 05.1	20 58.98	-15 45.8	18.5	-0.79	- 2.3	0.4/05.4	33780
1999 VA ₂₀₉	2003 08 04.8	20 57.86	-02 36.1	20.4	-0.78	- 2.9	4.7/08.4	34817	1999 TB ₂₃₀	2003 08 05.1	20 59.01	-05 02.9	19.6	-0.85	- 2.5	4.0/07.9	47811
2002 CX ₁₆₅	2003 08 04.8	20 57.87	-21 42.1	19.3	-1.01	- 4.7	1.7/03.8	30674	2000 UU ₇₂	2003 08 05.1	20 59.01	-28 08.1	19.2	-1.09	- 3.2	4.1/02.6	31919
2000 SK ₁₅₃	2003 08 04.8	20 57.89	-19 13.2	20.0	-1.05	- 4.6	0.8/04.4	30395	1998 HU ₃₀	2003 08 05.1	20 59.02	+02 21.2	20.9	-0.84	- 4.6	6.6/10.3	28993
1999 TX ₁₂₅	2003 08 04.8	20 57.91	-06 36.1	19.2	-0.85	- 3.3	3.8/07.3	30322	1999 RL ₁₁₀	2003 08 05.1	20 59.02	-09 40.9	18.7	-0.98	+ 0.3	2.7/06.5	12153
1999 RE ₁₅₅	2003 08 04.8	20 57.93	-09 34.3	18.3	-0.86	- 3.8	3.1/06.7	35479	2000 UF ₉₁	2003 08 05.1	20 59.05	-12 32.9	18.4	-1.03	- 1.8	2.1/06.1	29484
1999 TG ₁₀₆	2003 08 04.8	20 57.99	-03 20.9	18.5	-0.96	- 0.6	4.8/07.6	12171	2000 RA ₂₄	2003 08 05.1	20 59.08	-10 30.8	18.0	-1.01	- 4.3	3.0/06.7	47933
2000 YW ₁₅	2003 08 04.8	20 58.02	-19 35.6	18.3	-1.01	- 2.8	1.0/04.3	11013	2002 CE ₇₇	2003 08 05.1	20 59.08	-17 39.4	19.5	-0.94	- 6.4	0.2/05.0	30652
1998 SF ₁₃₃	2003 08 04.8	20 58.06	-16 39.8	19.6	-0.81	- 2.8	0.2/05.0	31835	1998 HU ₂₂	2003 08 05.1	20 59.10	-34 14.7	21.1	-1.06	- 3.1	5.7/01.2	47729
2002 JE ₁₂₂	2003 08 04.8	20 58.07	+00 51.3	18.7	-0.85	- 1.1	5.9/09.0	48237	2002 EO ₁₀₀	2003 08 05.1	20 59.11	-03 15.9	20.1	-0.89	- 3.9	5.3/08.6	30058
2000 XN ₂₉	2003 08 04.8	20 58.10	-24 30.6	18.5	-1.00	- 0.7	2.3/03.4	12259	2000 SZ ₂₆₃	2003 08 05.1	20 59.13	-14 26.1	19.1	-1.00	- 4.3	1.0/05.8	30402
1999 TY ₁₆₂	2003 08 04.8	20 58.13	-12 47.1	19.8	-0.83	- 4.8	1.5/06.0	11591	1993 KC	2003 08 05.1	20 59.19	+42 44.8	18.3	-0.74	- 3.1	29.1/27.0	47687
2002 JO ₁	2003 08 04.9	20 58.06	-11 46.8	20.8	-0.81	- 4.9	1.7/06.3	48232	2002 CA ₁₂₅	2003 08 05.1	20 59.20	-15 20.8	19.3	-0.99	- 6.7	0.7/05.6	30664
2001 XW ₂₉	2003 08 04.9	20 58.08	+08 18.6	17.5	-1.34	+ 4.8	12.0/08.1	31960	1997 AK	2003 08 05.1	20 59.21	-17 40.2	21.0	-0.88	- 3.2	0.2/05.0	16009
2000 SL ₁₅₈	2003 08 04.9	20 58.10	-12 33.6	19.4	-0.99	- 5.5	2.0/06.0	30396	2000 WP ₃₁	2003 08 05.1	20 59.22	-24 29.0	18.9	-0.97	- 7.2	3.0/03.2	47988
1999 RV ₁₈₉	2003 08 04.9	20 58.12	-18 28.8	18.6	-0.93	- 7.5	0.6/04.6	36921	2000 SG ₁₅	2003 08 05.1	20 59.25	-13 07.4	19.0	-1.06	- 2.8	1.6/06.0	47940
2000 SQ ₁₄₀	2003 08 04.9	20 58.13	-12 23.8	19.1	-1.00	- 3.5	1.8/06.0	29356	1998 HL ₂₃	2003 08 05.1	20 59.26	-00 52.6	19.2	-0.82	- 6.8	6.2/09.9	28991
2000 RH ₆	2003 08 04.9	20 58.18	-07 59.6	18.0	-0.79	- 4.9	5.1/07.0	31912	2002 ET ₁₅₁	2003 08 05.1	20 59.26	-09 56.2	20.2	-0.85	- 4.5	2.6/07.0	48224
2002 GU ₁₆₃	2003 08 04.9	20 58.19	-14 35.5	19.1	-0.82	- 5.2	0.9/05.6	33557	2000 AD ₁₂	2003 08 05.2	20 59.21	-31 48.4	20.4	-0.89	- 4.3	4.6/01.3	47838
2000 WG ₁₀₅	2003 08 04.9	20 58.21	-15 57.6	18.2	-0.90	- 4.0	0.6/05.2	47990	2002 JJ ₁₃₁	2003 08 05.2	20 59.22	-02 54.1	19.5	-0.88	- 2.6	4.6/08.6	34007
1999 RN ₁₀₃	2003 08 04.9	20 58.24	-19 55.8	18.0	-1.10	+ 1.8	1.1/04.5	35476	2001 AO ₄₉	2003 08 05.2	20 59.25	-11 23.7	19.7	-0.85	- 4.7	2.0/06.6	30446
1999 XU ₂₀₂	2003 08 04.9	20 58.24	-18 54.4	19.5	-0.82	- 1.1	0.5/04.6	27656	1998 FR ₁₂₂	2003 08 05.2	20 59.25	-36 18.0	20.1	-1.12	- 1.8	6.3/01.0	28985
1999 XS ₁₁₃	2003 08 04.9	20 58.25	-37 25.9	18.8	-0.94	- 1.2	5.3/31.3	13634	2000 SO ₁₇	2003 08 05.2	20 59.30	-09 16.8	18.9	-1.00	- 4.4	3.4/07.1	27701
2000 WJ ₄₇	2003 08 04.9	20 58.34	-05 03.2	17.5	-0.87	- 4.8	5.6/08.0	30425	2000 WC ₄₇	2003 08 05.2	20 59.33	-06 34.6	18.5	-0.82	- 5.2	5.4/08.0	47989
2002 CF ₇₅	2003 08 04.9	20 58.36	-18 55.7	19.3	-0.96	- 5.7	0.7/04.5	30651	2000 WR ₁₁₄	2003 08 05.2	20 59.33	-25 42.1	18.6	-0.96	- 3.7	3.1/03.2	31925
1996 GL ₁₆	2003 08 04.9	20 58.38	-26 38.4	20.8	-0.82	- 3.6	2.8/02.6	30250	2002 EZ ₁₀₃	2003 08 05.2	20 59.36	-31 03.1	19.3	-1.08	- 5.6	5.1/01.7	33971
1998 DJ ₁₉	2003 08 04.9	20 58.44	-24 51.8	20.5	-1.09	- 2.2	3.0/03.3	7453	2002 DW	2003 08 05.2	20 59.39	-11 15.1	18.3	-0.86	- 6.1	2.5/06.8	31975
2002 CO ₂₂₈	2003 08 04.9	20 58.49	-09 48.2	18.9	-0.91	- 3.1	2.6/07.0	30686	2002 AR ₅₆	2003 08 05.2	20 59.48	-15 42.4	19.6	-1.01	- 5.1	0.6/05.6	48187
1998 SO ₁₂₄	2003 08 04.9	20 58.50	-01 45.8	18.2	-0.69	- 5.6	6.4/09.3	23461	2001 BM ₇₈	2003 08 05.2	20 59.50	-03 45.6	18.9	-0.83	- 1.2	4.7/08.2	33365
2001 YE ₃	2003 08 05.0	20 58.45	+05 00.9	17.4	-1.21	+ 1.0	8.3/09.2	31961	1999 UX ₃₂	2003 08 05.2	20 59.51	-20 42.6	19.2	-0.88	- 3.3	1.4/04.4	47816
2000 AC ₁₅	2003 08 05.0	20 58.47	-04 16.6	19.0	-0.81	- 0.5	3.9/07.7	31888	2000 WT ₉₆	2003 08 05.2	20 59.57	-27 18.8	19.9	-1.06	- 6.5	4.0/02.6	9876
1999 RS ₃₇	2003 08 05.0	20 58.47	+00 20.5	18.2	-0.97	+ 1.4	7.5/08.1	10367	1999 VR ₃₄	2003 08 05.2	20 59.61	+10 57.7	18.3	-0.84	+ 2.5	13.1/10.3	674
2000 UU ₉₇	2003 08 05.0	20 58.48	-27 08.2	19.0	-1.07	- 1.0	4.7/03.0	47982	2001 BZ ₆₅	2003 08 05.2	20 59.65	-10 25.3	20.0	-0.71	- 5.8	1.7/07.1	12280
2002 CX ₂₃₆	2003 08 05.0	20 58.50	+02 58.9	18.8	-0.89	-10.0	6.8/11.2	31971	1998 BB ₄	2003 08 05.2	20 59.65	-16 11.0	18.2	-0.96	- 5.9	0.3/05.5	30259
1996 TR ₄₀	2003 08 05.0	20 58.54	-16 35.4	18.6	-0.89	- 6.8	0.3/05.2	47705	2000 SJ ₂₁₇	2003 08 05.2	20 59.65	-17 06.7	19.3	-0.97	- 7.6	0.0/05.3	47959
2000 QF ₁₂₄	2003 08 05.0	20 58.63	-20 17.5	19.4	-1.10	- 2.7	1.3/04.4	47921	2002 GW ₁₆₇	2003 08 05.2	20 59.66	-11 18.7	19.9	-0.87	- 3.4	2.1/06.7	48231
1998 RV ₃₈	2003 08 05.0	20 58.65	-35 32.4	18.7	-1.04	+ 0.1	6.1/01.1	12135	2000 SW ₁₈₇	2003 08 05.3	20 59.60	-19 39.4	17.8	-0.86	-10.5	1.3/04.5	47957
2002 CF ₂₄₀	2003 08 05.0	20 58.65	-03 31.6	18.9	-0.83	- 7.0	5.0/08.9	29889	1999 RO ₁₇₆	2003 08 05.3	20 59.62	+01 25.9	18.0	-0.71	- 9.4	8.1/11.5	47795
2000 XP ₁₉	2003 08 05.0	20 58.69	-28 11.7	18.9	-1.10	- 1.3	5.2/02.7	31928	2002 JV ₈₃	2003 08 05.3	20 59.66	-03 47.5	20.9	-0.76	- 3.3	4.0/08.7	31719
2000 WY ₁₁₈	2003 08 05.0	20 58.70	-20 37.7	19.4	-0.94	- 2.6	1.1/04.3	29576	2002 EV ₁₃₉	2003 08 05.3	20 59.68	-12 01.1	19.3	-0.82	- 6.0	1.9/06.7	33973

2000 WC ₂₉	2003 08 05.3	20 59.72 -31 31.0 19.7	-1.04 - 6.5	5.0/01.4	9870
2000 AG ₄₀	2003 08 05.3	20 59.72 -13 17.2 18.6	-0.91 + 0.5	1.2/06.0	40429
2002 GN ₆₇	2003 08 05.3	20 59.76 -37 56.8 21.1	-1.10 - 2.9	7.0/31.3	48228
1998 DQ ₇	2003 08 05.3	20 59.76 -08 14.7 17.2	-1.02 - 2.5	3.7/07.0	31811
2000 YJ ₁₃₃	2003 08 05.3	20 59.79 -03 09.6 19.0	-0.83 - 7.4	4.7/09.3	31933
1999 JG ₆₉	2003 08 05.3	20 59.79 -17 28.5 16.6	-0.64 - 9.0	0.2/05.2	47780
1999 TY ₄₀	2003 08 05.3	20 59.79 -26 44.9 19.4	-0.95 - 4.0	3.4/02.9	30319
1999 RC ₂₅	2003 08 05.3	20 59.83 +02 59.3 18.5	-0.74 - 7.6	8.6/11.4	47787
2002 CF ₁₉₉	2003 08 05.3	20 59.84 -21 24.6 18.2	-1.09 + 2.4	2.3/04.7	29859
2002 JO ₁₀₇	2003 08 05.3	20 59.88 -15 48.7 18.0	-1.01 + 1.4	0.5/05.6	32030
2002 HR ₈	2003 08 05.3	20 59.89 -01 19.3 18.5	-0.70 - 4.8	5.7/09.7	48232
2002 FP ₁₀	2003 08 05.3	20 59.97 -26 06.6 19.5	-0.96 - 3.5	3.1/03.3	31987
1999 RP ₂₀₉	2003 08 05.3	20 59.97 +07 07.4 18.6	-0.82 - 0.9	10.7/11.0	47797
2000 WP ₁₁₃	2003 08 05.3	20 59.99 -33 34.7 21.1	-0.96 - 3.3	4.8/01.3	31925
2001 XX ₂₉	2003 08 05.3	20 59.99 -09 07.9 20.2	-0.98 - 4.0	2.7/07.2	48160
2002 AS ₂	2003 08 05.3	21 00.07 -52 52.8 19.1	-1.38 - 6.6	11.8/26.1	30603
2001 BV ₃₅	2003 08 05.4	21 00.00 -28 41.1 19.6	-0.95 - 0.7	3.6/03.0	46523
2002 CF ₂₀₅	2003 08 05.4	21 00.04 -16 05.5 19.0	-0.88 - 6.2	0.4/05.7	30681
2002 HP ₂	2003 08 05.4	21 00.10 -23 17.3 19.7	-0.93 - 3.6	2.5/03.9	48231
2000 WR ₅₉	2003 08 05.4	21 00.10 -06 01.4 17.2	-0.90 - 3.2	5.3/08.0	30426
1999 TP ₁₆₃	2003 08 05.4	21 00.12 -37 48.3 19.3	-0.97 - 2.8	6.1/31.2	35482
2001 CP ₁₉	2003 08 05.4	21 00.20 +00 09.1 20.3	-0.84 - 3.2	5.2/09.6	12287
1999 XZ ₆	2003 08 05.4	21 00.35 -18 17.4 19.3	-0.83 - 2.7	0.4/05.2	47828
2000 ED ₁₂	2003 08 05.4	21 00.38 -15 44.6 18.7	-0.78 - 9.3	0.4/05.9	31324
2002 JM ₄₈	2003 08 05.4	21 00.41 -02 23.1 18.0	-0.79 - 2.4	5.1/09.0	30204
1999 VW ₄₈	2003 08 05.5	21 00.46 -32 33.7 19.3	-0.93 - 2.4	4.8/01.8	33837
2514 P-L	2003 08 05.5	21 00.49 -36 38.6 19.8	-1.10 + 0.6	8.7/01.4	30771
1999 TJ ₁₂₀	2003 08 05.5	21 00.53 -15 15.3 18.1	-0.88 - 2.7	0.6/05.9	30322
2000 VN ₃₃	2003 08 05.5	21 00.58 -15 14.6 18.7	-0.97 - 4.5	0.7/06.0	29512
2000 YT ₈₇	2003 08 05.5	21 00.67 -16 51.2 17.2	-0.89 - 6.1	0.1/05.6	30442
1999 RE ₁₉₅	2003 08 05.5	21 00.79 -10 32.9 17.2	-1.07 + 3.5	3.0/06.5	38080
1997 GS ₂	2003 08 05.5	21 00.81 -21 44.7 20.6	-0.89 - 3.2	1.5/04.5	47711
2002 CJ ₂₂₁	2003 08 05.6	21 00.83 -10 02.6 20.7	-0.84 - 6.2	2.1/07.5	30685
1998 SM ₂	2003 08 05.6	21 00.85 -54 44.9 19.4	-1.85 - 0.5	16.1/27.0	24976
2000 YF ₁₂	2003 08 05.6	21 00.85 -41 40.4 19.0	-1.17 -10.3	8.6/28.6	31929
1999 UQ ₁₆	2003 08 05.6	21 00.89 +00 21.6 19.1	-0.87 - 2.9	6.6/09.6	40386
1272 T-2	2003 08 05.6	21 00.92 -28 11.1 18.9	-1.13 - 2.3	4.6/03.1	10816
2002 FW ₂₈	2003 08 05.6	21 00.92 -40 52.7 18.6	-1.01 - 3.4	10.9/29.9	48225
2000 WS ₁₁₁	2003 08 05.6	21 00.95 -15 26.8 20.1	-0.95 - 2.5	0.5/06.0	18303
1999 TR ₂₀₅	2003 08 05.6	21 00.95 -32 48.3 18.4	-0.99 - 2.0	6.4/01.9	29140
2002 CD ₁₆₈	2003 08 05.6	21 00.96 -21 37.1 19.3	-0.99 - 4.6	1.7/04.5	30674
2002 CT ₁₄₅	2003 08 05.6	21 01.05 -17 47.3 18.7	-0.97 - 1.7	0.3/05.5	30669
2002 JD ₇₇	2003 08 05.6	21 01.07 -07 50.5 18.1	-0.92 - 3.8	3.6/07.8	30215
1998 RB ₁₃	2003 08 05.6	21 01.14 -18 46.9 18.3	-0.80 - 3.1	0.7/05.2	31824
1999 TG ₁₅	2003 08 05.6	21 01.14 -05 20.7 19.5	-0.83 - 4.2	3.9/08.5	13610
2000 XV ₂₀	2003 08 05.6	21 01.16 +00 17.8 18.2	-0.93 - 0.3	5.8/09.4	30436
1999 TG ₁₆	2003 08 05.6	21 01.16 -12 35.3 19.4	-0.88 - 3.9	1.6/06.7	47800
1999 TP ₅₆	2003 08 05.6	21 01.19 -20 19.0 19.8	-0.85 - 3.4	1.1/04.9	30319
2001 AT ₄₁	2003 08 05.6	21 01.23 -18 02.4 18.7	-1.04 - 0.2	0.4/05.5	35539
2000 SO ₁₀₃	2003 08 05.6	21 01.24 -26 23.9 19.7	-1.11 - 2.1	3.5/03.7	30391
2001 CF ₄₉	2003 08 05.7	21 01.19 -19 11.6 21.0	-0.85 - 1.5	0.6/05.2	23618

1999 TS ₁₂	2003 08 05.7	21 01.20 -33 32.3 19.2	-1.01 - 2.6	6.2/01.7	47800
1981 EE ₁₇	2003 08 05.7	21 01.21 +18 29.3 18.5	-1.00 -16.5	14.9/20.3	30239
2002 CW ₂₃₆	2003 08 05.7	21 01.30 -18 29.9 20.5	-0.97 - 5.4	0.5/05.3	30688
2001 CA ₂₂	2003 08 05.7	21 01.30 -21 01.5 20.1	-0.91 - 4.2	1.4/04.7	48009
2000 SC ₁₃₉	2003 08 05.7	21 01.30 -24 02.4 17.9	-1.12 - 1.5	2.9/04.3	30394
2002 CZ ₁₅₇	2003 08 05.7	21 01.32 -19 48.8 19.5	-0.98 - 5.8	1.1/05.0	30672
2000 SC ₂₈₈	2003 08 05.7	21 01.36 -38 01.4 18.1	-1.13 - 1.4	7.2/01.0	30404
2002 GB ₅₈	2003 08 05.7	21 01.39 -23 56.3 21.6	-0.95 - 2.8	2.5/04.2	35182
1999 XL ₆₀	2003 08 05.7	21 01.41 -12 06.6 19.3	-0.74 - 3.3	1.3/07.0	33845
1998 SS ₁₃₇	2003 08 05.7	21 01.42 -22 17.8 19.0	-0.79 - 4.2	1.7/04.4	47750
1998 KP ₁₆	2003 08 05.7	21 01.43 -24 33.1 18.4	-0.95 - 3.8	2.9/04.0	30271
1996 BP ₆	2003 08 05.7	21 01.44 -37 08.7 21.1	-1.02 - 5.5	6.2/31.1	11475
2000 WZ ₁₁₇	2003 08 05.7	21 01.49 -26 25.7 19.7	-1.01 - 3.7	3.4/03.5	31925
1999 XC ₁₈₄	2003 08 05.7	21 01.53 -24 14.4 18.6	-0.90 - 2.0	2.2/04.1	27656
2002 CW ₂₂₆	2003 08 05.7	21 01.56 -12 12.5 19.0	-1.03 - 1.8	2.2/07.0	27552
1997 EG ₇	2003 08 05.7	21 01.56 -19 43.6 18.3	-1.20 + 3.9	1.2/05.4	38041
2001 FV ₁₁₇	2003 08 05.7	21 01.57 -01 46.4 18.7	-0.75 - 1.9	4.6/09.4	31945
2000 WB ₁₀	2003 08 05.7	21 01.62 -20 36.6 19.5	-0.99 - 3.7	1.3/04.9	31922
2002 JC ₇₂	2003 08 05.8	21 01.58 -08 49.8 19.5	-0.72 - 5.5	2.3/08.1	31705
1999 TW ₁₅₇	2003 08 05.8	21 01.60 -32 18.1 18.5	-0.88 - 4.7	4.8/01.7	33831
1998 SE ₅₅	2003 08 05.8	21 01.64 -33 45.5 17.7	-0.93 - 0.7	4.9/02.1	47745
2000 YZ ₉₁	2003 08 05.8	21 01.70 -06 25.2 19.0	-0.92 - 2.4	3.6/08.2	31379
2000 VE ₁₅	2003 08 05.8	21 01.72 -22 49.7 19.6	-1.03 - 5.8	2.5/04.3	8528
2000 YP ₇₀	2003 08 05.8	21 01.77 -14 00.3 18.9	-0.92 - 4.4	1.2/06.6	33889
2000 SM ₂₀₈	2003 08 05.8	21 01.77 -21 11.0 19.2	-1.13 - 2.6	1.9/04.9	33265
2002 JK ₆	2003 08 05.8	21 01.80 -10 21.2 20.7	-0.83 - 3.6	2.1/07.5	48232
2000 WP ₈	2003 08 05.8	21 01.84 -06 28.2 18.9	-0.92 - 0.9	3.3/08.1	9867
2001 BW ₂₁	2003 08 05.8	21 01.85 -23 11.1 16.7	-0.88 - 9.3	3.1/04.0	20836
1999 TV ₁₈₄	2003 08 05.8	21 01.86 -05 28.8 17.7	-0.98 + 2.2	4.7/07.8	1503
2001 CX ₃₀	2003 08 05.8	21 01.95 -32 02.0 19.1	-0.99 - 5.0	4.9/01.9	48009
2000 WH ₁₂₆	2003 08 05.8	21 01.96 -53 37.5 16.7	-1.17 -18.9	16.2/18.3	31926
2000 VU ₁₅	2003 08 05.9	21 01.92 -17 33.6 18.8	-0.85 - 6.3	0.3/05.7	30419
2002 EP ₄₅	2003 08 05.9	21 01.92 -24 26.0 17.9	-1.06 - 6.4	3.2/04.0	31978
1999 VD ₈₉	2003 08 05.9	21 01.94 -02 26.2 19.7	-0.83 - 3.4	5.2/09.4	30333
1995 HQ ₂	2003 08 05.9	21 01.95 -29 58.3 19.7	-0.99 - 4.8	5.9/02.6	9679
2000 WA ₁₁₂	2003 08 05.9	21 01.99 -30 30.3 19.7	-1.06 - 3.3	6.1/02.6	47991
2002 FH ₂₉	2003 08 05.9	21 02.02 -21 18.2 19.6	-0.90 - 6.3	1.7/04.8	31489
2001 XP ₃₀	2003 08 05.9	21 02.03 -25 10.5 19.1	-1.05 - 4.4	3.1/04.0	48161
1999 TC ₄₁	2003 08 05.9	21 02.05 +07 12.3 19.6	-0.78 - 7.8	8.0/13.5	31865
2000 WE ₁₇₈	2003 08 05.9	21 02.05 -20 47.1 19.2	-1.00 - 4.8	1.6/05.0	30433
1999 XJ ₁₈₁	2003 08 05.9	21 02.18 -16 42.6 17.5	-1.07 + 0.1	0.1/06.0	1558
2000 YS ₁₁₉	2003 08 05.9	21 02.19 -36 37.5 19.2	-1.01 - 6.9	6.7/31.2	31932
2002 CJ ₃₉	2003 08 05.9	21 02.21 -16 24.1 19.9	-1.02 - 4.2	0.2/06.1	30643
1999 UD ₃₇	2003 08 05.9	21 02.21 -26 15.7 18.7	-0.93 - 2.9	3.8/03.8	30329
2000 UA ₁₀₉	2003 08 05.9	21 02.23 -17 19.9 19.0	-0.94 - 7.3	0.2/05.8	33294
1999 TN ₉₅	2003 08 05.9	21 02.23 -30 23.4 17.8	-0.94 - 4.4	5.0/02.5	31866
2000 WM ₁₄₀	2003 08 05.9	21 02.34 -30 03.9 17.6	-0.99 - 4.2	5.9/02.7	30431
2001 DM ₃₈	2003 08 05.9	21 02.35 -11 39.3 19.0	-0.89 - 0.3	1.8/07.1	48011
2001 DE ₆₉	2003 08 05.9	21 02.35 -10 26.9 19.7	-0.72 - 5.0	1.9/07.7	12302
6233 P-L	2003 08 05.9	21 02.39 -23 19.1 19.4	-1.17 - 1.2	3.0/04.7	13873
1998 MU ₁₄	2003 08 06.0	21 02.33 -22 55.8 19.8	-0.91 - 4.3	2.3/04.5	33023

2003 AUG. 6

M.P.C. 49331

2000 YG ₉₉	2003 08 06.0	21 02.38 -20 22.1 19.3	-0.85 - 5.3	1.2/05.1	30442
2000 YS ₁₂₈	2003 08 06.0	21 02.39 -22 52.0 20.0	-0.89 - 3.9	1.9/04.5	18309
1998 SR ₂₂	2003 08 06.0	21 02.41 -24 57.1 18.2	-0.87 - 2.0	2.7/04.2	47743
1999 UW ₂₈	2003 08 06.0	21 02.47 -24 18.6 20.7	-0.90 - 3.5	2.4/04.2	34799
2002 CF ₂₆₃	2003 08 06.0	21 02.47 -39 07.8 18.5	-0.99 - 3.1	7.6/31.7	30692
2000 SD ₁₅₉	2003 08 06.0	21 02.49 -10 30.4 20.6	-0.95 - 5.1	2.3/07.6	31335
1998 RZ ₅₀	2003 08 06.0	21 02.51 +04 56.0 18.6	-0.71 - 6.4	7.3/12.9	47740
2000 YH ₈₅	2003 08 06.0	21 02.54 -14 40.8 19.0	-0.98 - 4.6	0.9/06.6	30442
2002 EU ₂₈	2003 08 06.0	21 02.54 -13 14.3 17.4	-0.78 - 9.3	1.8/07.0	29966
2002 AQ ₁₄₂	2003 08 06.0	21 02.57 -16 22.8 19.5	-0.95 - 8.1	0.2/06.2	27812
2000 QN ₁₆₇	2003 08 06.0	21 02.61 -11 14.8 18.9	-1.04 - 3.9	2.3/07.3	33881
2002 GV ₁₃₆	2003 08 06.0	21 02.62 -30 19.6 18.8	-0.95 - 1.4	4.5/03.1	33554
2002 GH ₁₁₃	2003 08 06.0	21 02.65 -04 51.9 19.3	-0.77 - 7.8	4.3/09.7	31584
2000 RW ₄₄	2003 08 06.0	21 02.65 -18 00.3 17.8	-1.09 - 1.5	0.5/05.8	30380
1998 HN ₁₁₈	2003 08 06.0	21 02.65 -11 03.9 19.8	-0.83 - 9.5	2.2/07.8	28999
1998 FE ₅₃	2003 08 06.0	21 02.74 -19 40.4 18.1	-0.97 - 2.7	1.1/05.5	30264
2000 XU ₅	2003 08 06.0	21 02.76 -18 43.8 19.2	-1.02 - 2.0	0.6/05.7	9887
2002 EG ₁₀	2003 08 06.1	21 02.74 +09 17.3 19.3	-0.73 -10.7	8.2/15.7	30702
1998 SM ₁₅₃	2003 08 06.1	21 02.75 +12 38.0 19.1	-0.69 - 7.4	8.6/16.3	47750
2000 QN ₁₅₀	2003 08 06.1	21 02.76 -21 48.0 17.0	-0.97 + 2.4	2.9/05.3	29256
2000 TT ₄₄	2003 08 06.1	21 02.77 -22 05.1 18.8	-1.03 - 6.4	2.1/04.8	31917
1999 TC ₂₈₆	2003 08 06.1	21 02.77 -06 06.5 19.1	-0.96 + 0.1	3.8/08.2	9765
2000 WN ₉₆	2003 08 06.1	21 02.77 -25 26.4 17.8	-0.92 - 5.9	4.3/03.8	47990
2000 YF ₁₀	2003 08 06.1	21 02.78 -11 49.4 17.1	-0.93 + 1.8	1.6/07.0	47997
2001 DU ₆₄	2003 08 06.1	21 02.80 -10 30.4 20.5	-0.87 - 5.7	2.0/07.8	12301
1999 RU ₂₀₀	2003 08 06.1	21 02.81 -25 00.1 16.8	-1.16 + 4.7	3.8/05.0	29096
2000 AQ ₁₃₂	2003 08 06.1	21 02.87 -02 26.6 17.1	-0.92 + 3.5	5.9/08.5	19482
2000 WL ₂₃	2003 08 06.1	21 02.93 -05 37.5 18.6	-0.91 - 6.1	4.6/09.1	31922
1998 FJ ₁₂₅	2003 08 06.1	21 02.95 -23 05.4 19.7	-0.95 - 4.5	2.1/04.6	47727
1998 HV ₂₄	2003 08 06.1	21 02.97 -21 37.2 19.7	-0.95 - 4.3	1.7/05.0	47729
2000 WH ₄₄	2003 08 06.1	21 03.00 -30 32.0 18.3	-0.93 - 6.4	4.5/02.4	31923
2002 AX ₁₆₃	2003 08 06.1	21 03.02 -13 18.7 18.7	-0.94 - 7.4	1.4/07.1	27419
2001 BA ₈	2003 08 06.1	21 03.05 -25 02.6 18.9	-0.91 - 4.0	2.7/04.1	29671
1999 XP ₂₀₉	2003 08 06.1	21 03.07 -34 13.3 18.8	-0.93 - 2.6	5.4/01.8	13639
2002 JQ ₇₆	2003 08 06.1	21 03.10 -33 31.4 19.0	-0.97 - 1.4	5.8/02.4	31711
2002 EP ₄₂	2003 08 06.1	21 03.10 -13 24.2 20.1	-0.97 - 5.0	1.3/07.0	48218
2000 XE ₃₃	2003 08 06.1	21 03.14 -15 05.9 18.7	-0.89 - 0.2	0.5/06.6	31365
2000 SU ₁₀₆	2003 08 06.1	21 03.14 -15 41.1 18.5	-1.02 - 3.6	0.5/06.5	31914
2000 WX ₁₁₂	2003 08 06.2	21 03.06 -35 13.1 18.8	-1.05 - 4.4	6.5/01.4	30429
2000 UC ₁₁₂	2003 08 06.2	21 03.11 +00 56.9 19.5	-0.84 - 4.5	5.7/10.9	31920
2002 JG ₈₃	2003 08 06.2	21 03.13 -20 16.7 19.2	-0.83 - 2.5	1.2/05.4	48235
1999 XX ₁₅₅	2003 08 06.2	21 03.16 +06 09.1 19.5	-0.75 - 1.5	6.3/11.9	34838
2002 JP ₁₀₄	2003 08 06.2	21 03.17 -22 53.3 18.3	-0.86 - 2.8	2.2/04.8	33573
1999 TV ₁₈₅	2003 08 06.2	21 03.18 -04 12.3 18.8	-0.90 - 0.3	4.5/08.9	31869
2002 CP ₁₁₉	2003 08 06.2	21 03.19 -12 13.1 20.1	-1.03 - 5.0	1.9/07.3	48205
2000 UY ₅₀	2003 08 06.2	21 03.20 +18 42.8 19.8	-0.90 - 1.2	10.7/15.4	33885
2000 WX ₁₁₆	2003 08 06.2	21 03.20 -28 00.2 19.4	-1.04 - 4.0	4.3/03.5	33318
1999 XH ₁₅₅	2003 08 06.2	21 03.21 -11 43.9 19.9	-0.74 - 3.4	1.4/07.5	47833
1994 PJ ₁₆	2003 08 06.2	21 03.30 -17 48.8 17.9	-0.91 - 2.4	0.4/06.0	40305
1998 RO ₁₈	2003 08 06.2	21 03.36 -04 36.2 18.7	-0.73 - 7.4	4.3/09.8	47738
1999 RY ₄₂	2003 08 06.2	21 03.39 -03 12.1 17.9	-0.73 -10.7	5.9/10.7	47788

2001 YU ₁₃₉	2003 08 06.2	21 03.43 +05 05.8 18.8	-0.92 - 3.2	7.7/12.1	30602
2002 JM ₆₉	2003 08 06.2	21 03.50 -46 11.6 17.9	-0.98 - 3.2	10.5/29.0	48235
1999 RK ₁₅₄	2003 08 06.3	21 03.45 -16 17.7 18.3	-0.96 - 2.6	0.2/06.4	33822
1998 FN ₁₃₃	2003 08 06.3	21 03.49 -21 32.9 19.5	-0.97 - 3.4	1.8/05.2	47728
2001 BS ₃₂	2003 08 06.3	21 03.50 -13 13.3 19.3	-0.90 - 6.8	1.2/07.0	31936
2002 JN ₈₃	2003 08 06.3	21 03.54 -09 36.2 19.3	-0.76 - 3.2	2.3/08.1	32027
2000 SP ₁₅	2003 08 06.3	21 03.56 -09 13.3 19.4	-1.04 - 2.7	3.0/08.0	47940
1999 XR ₁₈₇	2003 08 06.3	21 03.68 -06 17.5 16.8	-0.98 + 3.3	4.5/08.0	30343
1999 JC ₁₂₇	2003 08 06.3	21 03.76 -14 33.9 17.1	-0.93 - 0.7	1.1/07.0	47782
1995 TK ₆	2003 08 06.3	21 03.78 -30 47.7 20.0	-0.99 - 2.5	4.6/03.1	34690
2002 CS ₂₉₉	2003 08 06.3	21 03.81 -25 01.1 20.1	-0.84 - 3.1	2.5/04.4	33967
1999 RD ₁₁₃	2003 08 06.3	21 03.91 -19 06.3 17.2	-0.86 - 7.1	1.0/05.7	30309
2001 DH ₁₀₀	2003 08 06.4	21 03.85 -20 18.7 18.0	-1.00 + 2.3	1.2/05.8	13818
2000 RZ ₄₆	2003 08 06.4	21 03.96 -12 15.6 17.8	-1.06 + 2.1	2.5/07.0	7553
1999 VX ₄₇	2003 08 06.4	21 03.97 -07 02.1 18.7	-0.86 - 1.9	3.2/08.6	47820
2002 GW ₆₅	2003 08 06.4	21 03.99 -18 58.7 20.8	-1.00 - 5.1	0.8/05.9	48228
2000 XC ₁₇	2003 08 06.4	21 04.00 -18 36.4 17.5	-1.04 - 0.4	0.8/06.1	31928
2002 GE ₁₆₃	2003 08 06.4	21 04.01 -21 50.9 19.9	-1.00 - 4.5	1.8/05.2	33557
2002 CL ₁₆₈	2003 08 06.4	21 04.01 -18 19.7 18.6	-0.89 - 9.8	0.6/06.0	30674
2000 WJ ₁₂₃	2003 08 06.4	21 04.06 -24 17.1 18.9	-0.98 - 5.6	2.8/04.5	33319
1999 CR ₁₀₉	2003 08 06.4	21 04.07 -11 04.8 19.8	-0.62 - 2.0	1.2/07.9	47769
2000 YN ₁₉	2003 08 06.4	21 04.08 -17 00.9 19.4	-1.02 - 3.0	0.1/06.4	17510
1999 RL ₁₂₄	2003 08 06.4	21 04.10 -22 46.9 16.7	-1.12 + 1.7	2.5/05.4	31859
2002 CN ₅	2003 08 06.4	21 04.10 -20 38.2 19.5	-1.05 - 3.1	1.6/05.6	48197
2002 JC ₇₁	2003 08 06.4	21 04.15 -25 10.9 19.2	-0.89 - 5.5	2.6/04.2	34000
1995 CC ₁₀	2003 08 06.4	21 04.17 -21 15.5 19.6	-1.03 - 4.2	2.0/05.4	33001
2000 UX ₅₈	2003 08 06.4	21 04.21 -05 40.2 18.9	-0.97 - 2.9	5.3/09.0	7618
2000 WE ₁₂₁	2003 08 06.4	21 04.24 -13 33.7 19.9	-0.94 - 2.8	1.1/07.2	33318
2002 AK ₂₂	2003 08 06.5	21 04.22 -30 21.4 19.0	-1.05 - 3.6	4.8/03.3	30606
1999 UF ₃₇	2003 08 06.5	21 04.25 -09 05.1 19.4	-0.82 - 5.1	2.8/08.5	29158
2002 EN ₆₉	2003 08 06.5	21 04.25 +01 16.8 18.9	-0.81 - 6.4	6.4/11.8	31979
2001 AP ₂₇	2003 08 06.5	21 04.27 -27 12.9 19.8	-0.96 - 2.0	3.4/04.1	48004
2000 WV ₉₈	2003 08 06.5	21 04.29 -23 45.5 19.8	-0.95 - 5.6	2.5/04.7	47990
2001 FQ ₁₅₂	2003 08 06.5	21 04.30 -19 58.6 19.3	-0.74 - 4.5	0.9/05.7	33906
2001 BD ₁	2003 08 06.5	21 04.32 -01 37.9 19.0	-0.75 - 3.0	4.5/10.4	31935
2000 WV ₁₅₂	2003 08 06.5	21 04.33 -27 16.4 17.5	-1.11 - 0.3	5.5/04.4	31926
2001 BB ₁₉	2003 08 06.5	21 04.40 -23 53.9 19.5	-0.79 - 5.6	2.0/04.6	31390
2000 TC ₂₀	2003 08 06.5	21 04.44 -34 38.7 18.9	-1.12 - 6.1	7.4/01.6	47971
2002 AR ₃₂	2003 08 06.5	21 04.49 -11 52.0 18.9	-0.98 - 7.1	2.0/07.9	30607
1999 NR ₉	2003 08 06.5	21 04.50 -13 09.8 18.1	-1.04 + 0.2	1.4/07.2	35472
2000 RQ ₅₈	2003 08 06.5	21 04.52 -04 48.6 20.1	-0.98 - 5.3	5.2/09.5	13729
1999 TB ₁₁₈	2003 08 06.5	21 04.55 -14 40.1 18.2	-0.88 - 2.7	0.7/07.0	30321
2000 YM ₉₅	2003 08 06.5	21 04.56 -08 47.1 18.7	-0.92 - 2.6	3.1/08.4	30442
7590 P-L	2003 08 06.5	21 04.58 -28 49.9 20.1	-1.05 - 4.1	4.7/03.5	48388
2000 WP ₅₆	2003 08 06.5	21 04.59 -07 23.8 19.4	-0.95 - 3.5	3.6/08.7	33309
1999 XS ₁₈	2003 08 06.5	21 04.59 -30 28.6 17.1	-0.75 - 5.6	7.1/02.4	6263
1998 HS ₂₂	2003 08 06.5	21 04.61 -37 08.1 18.8	-1.10 - 1.8	7.7/02.0	47729
1999 RS ₁₇₅	2003 08 06.5	21 04.63 -19 13.6 18.9	-0.98 - 1.8	1.0/06.0	47795
2001 DA ₁₀₄	2003 08 06.6	21 04.62 -16 05.1 19.7	-0.82 - 8.0	0.2/06.8	30452
2002 CN ₆₉	2003 08 06.6	21 04.63 -19 09.6 18.8	-0.98 - 2.9	1.1/06.1	35154
2002 CD ₁₂₄	2003 08 06.6	21 04.64 -11 18.0 19.9	-0.90 - 5.6	1.9/08.0	29832

1999 VN ₁₇₉	2003 08 06.6	21 04.66	-08 57.7	18.2	-0.78	- 7.1	2.9/08.8	34815
2002 CF ₉₉	2003 08 06.6	21 04.68	-16 14.2	18.7	-0.86	- 6.8	9.2/27.0	30658
2002 JG ₄₅	2003 08 06.6	21 04.68	-06 12.1	20.7	-0.84	- 3.8	3.2/09.3	31668
2002 ED ₈₇	2003 08 06.6	21 04.72	-44 31.6	18.5	-1.08	- 0.4	9.7/31.1	48221
1999 RQ ₅₀	2003 08 06.6	21 04.73	-19 02.6	17.4	-0.78	- 9.1	1.1/05.9	47788
1999 GN ₂₅	2003 08 06.6	21 04.73	-28 41.5	18.0	-1.09	- 3.2	5.5/03.9	33807
1999 WA ₁₄	2003 08 06.6	21 04.73	-33 38.6	18.7	-0.89	- 3.6	5.0/02.2	31880
1999 LA	2003 08 06.6	21 04.73	-03 43.5	19.8	-1.00	- 2.6	5.7/09.5	8063
2001 XP ₄	2003 08 06.6	21 04.80	-51 31.3	19.0	-1.50	- 9.6	14.7/25.7	30560
1992 EZ ₁₃	2003 08 06.6	21 04.84	-07 55.0	20.9	-0.59	- 3.4	1.9/09.0	15004
2000 VO ₂₉	2003 08 06.6	21 04.84	+00 17.1	19.3	-0.96	- 3.6	7.2/10.6	8530
1999 XL ₇₈	2003 08 06.6	21 04.86	-01 16.3	20.0	-0.73	- 2.0	4.0/10.4	47831
2000 RR ₉₂	2003 08 06.6	21 04.87	-12 17.7	18.3	-0.98	- 3.5	2.2/07.7	47938
2000 SV ₁₄₁	2003 08 06.6	21 04.87	-08 51.4	19.4	-0.98	- 4.1	3.1/08.5	47953
1999 TS ₉₉	2003 08 06.6	21 04.88	-23 21.6	17.9	-0.87	- 6.1	2.5/04.8	30320
2000 YK ₉₉	2003 08 06.6	21 04.92	-11 32.5	19.7	-0.79	- 1.2	1.4/07.8	13801
2002 GJ ₉₀	2003 08 06.6	21 04.97	-21 16.7	19.6	-0.97	- 3.7	1.7/05.6	38335
1998 HD ₁₃₆	2003 08 06.6	21 05.02	-31 17.2	20.4	-1.01	- 4.2	5.3/03.1	31816
7635 P-L	2003 08 06.7	21 04.98	-26 18.1	19.4	-1.14	- 4.4	4.1/04.4	14992
1999 XT ₁₉₁	2003 08 06.7	21 04.99	-31 46.8	20.8	-0.85	- 3.2	4.0/02.8	19469
1999 XB ₅₃	2003 08 06.7	21 05.00	-17 59.0	19.0	-0.80	- 3.5	0.4/06.4	31882
2000 UZ ₇₇	2003 08 06.7	21 05.02	-03 54.8	18.3	-0.88	- 3.9	6.2/09.9	9854
2000 WF ₃₉	2003 08 06.7	21 05.06	-32 55.6	17.1	-0.93	- 8.5	6.0/01.8	30425
2000 JH ₁	2003 08 06.7	21 05.06	-53 27.8	17.6	-1.33	-14.6	17.6/21.9	47891
2002 EF ₂₈	2003 08 06.7	21 05.08	-19 27.4	20.1	-1.01	- 3.7	1.0/06.1	29965
2001 BP ₇₇	2003 08 06.7	21 05.08	-06 15.7	18.0	-0.93	- 2.5	4.2/09.0	30448
2000 QU ₁₉₄	2003 08 06.7	21 05.10	-24 02.0	16.9	-1.11	- 3.4	3.7/05.0	33881
2001 TC ₁₀₃	2003 08 06.7	21 05.11	-53 37.5	19.2	-1.30	- 4.5	10.2/27.5	31955
2000 UT ₅₅	2003 08 06.7	21 05.13	-14 30.0	19.2	-0.87	- 5.0	0.7/07.3	31919
1999 XW ₉₅	2003 08 06.7	21 05.14	+10 31.4	17.5	-1.15	+ 7.0	11.4/09.2	38844
2000 SF ₂₆₆	2003 08 06.7	21 05.15	-21 13.3	19.7	-1.01	- 6.3	1.8/05.6	47963
2001 DR ₃₅	2003 08 06.7	21 05.20	-14 42.6	20.0	-0.76	- 3.6	0.6/07.2	31940
1999 JE ₆₃	2003 08 06.7	21 05.22	-07 50.3	18.6	-0.98	- 4.2	3.6/08.9	30297
1992 DJ ₆	2003 08 06.7	21 05.27	-16 30.1	20.5	-0.60	- 3.1	4.7/18.0	1876
1999 RX ₁₀₈	2003 08 06.7	21 05.34	+04 22.8	18.1	-0.84	- 2.0	8.8/11.9	47791
1998 CQ ₁	2003 08 06.7	21 05.35	-34 46.6	19.1	-1.09	- 3.8	6.5/02.3	30260
1995 SW ₂₅	2003 08 06.7	21 05.35	-20 20.3	18.8	-0.95	- 2.9	1.6/05.9	47697
2000 UV ₂₂	2003 08 06.7	21 05.38	-26 05.5	18.6	-1.02	- 5.9	3.5/04.3	30412
2000 SY ₂₂₂	2003 08 06.7	21 05.40	-13 55.5	19.8	-0.98	- 4.4	1.0/07.4	47960
2002 EA ₁₃	2003 08 06.7	21 05.41	-17 55.9	20.4	-0.89	- 4.0	0.4/06.5	29945
2002 JC ₇₇	2003 08 06.8	21 05.36	+04 29.0	19.5	-0.81	- 4.3	7.2/12.7	31712
2002 EG ₁₅₃	2003 08 06.8	21 05.38	-16 18.8	17.0	-1.09	+ 3.9	10.8/18.0	31986
1999 TQ ₁₅₉	2003 08 06.8	21 05.46	-06 28.8	19.0	-0.80	- 4.1	4.8/09.4	33105
2002 GB ₈₅	2003 08 06.8	21 05.51	-04 02.4	19.7	-0.83	- 6.9	4.2/10.4	31557
2000 UE ₃₄	2003 08 06.8	21 05.52	-06 37.6	19.1	-0.93	- 4.1	3.7/09.3	29453
2000 QP ₁₄₆	2003 08 06.8	21 05.56	-27 05.0	18.7	-1.10	- 4.6	4.3/04.3	33240
2000 SJ ₈₇	2003 08 06.8	21 05.64	-16 49.7	19.2	-0.97	- 6.1	8.6/18.0	29334
2000 SR ₁₆₉	2003 08 06.8	21 05.70	-15 26.3	18.8	-0.97	- 3.6	0.4/07.2	31915
2002 GZ ₄₉	2003 08 06.8	21 05.72	-00 00.2	18.9	-0.90	- 3.4	6.4/11.1	31522
1999 TO ₃₅	2003 08 06.8	21 05.73	-40 56.0	18.5	-1.22	- 1.4	10.5/31.5	1475
2000 WQ ₅₈	2003 08 06.8	21 05.76	+04 27.8	17.8	-0.95	- 0.7	8.3/11.5	29552

2000 XZ ₅₂	2003 08 06.8	21 05.77	-36 24.1	19.8	-1.08	- 2.4	6.8/02.1	31929
2000 YS ₂₇	2003 08 06.8	21 05.79	-18 18.9	20.2	-0.92	- 3.1	0.7/06.5	9475
2000 VG ₃₁	2003 08 06.9	21 05.76	-14 06.7	19.6	-0.97	- 4.4	0.9/07.5	30420
1999 XA ₅₃	2003 08 06.9	21 05.78	-16 22.5	20.3	-0.77	- 3.3	6.5/18.0	47830
2002 AM ₁₆₈	2003 08 06.9	21 05.80	-15 50.8	19.5	-0.98	- 3.7	9.5/27.0	30625
2002 GL ₉₈	2003 08 06.9	21 05.82	-07 55.0	17.2	-0.85	- 3.2	4.3/09.0	48229
2001 BE ₃₆	2003 08 06.9	21 05.86	-21 58.9	19.1	-0.91	- 3.6	1.9/05.6	30448
2002 AY ₁₇₇	2003 08 06.9	21 05.92	-17 47.6	19.8	-1.00	- 4.0	8.9/27.0	30626
2002 JZ ₃	2003 08 06.9	21 05.99	-09 18.4	19.6	-0.73	-11.0	2.2/09.4	33996
2002 CZ ₃₁₁	2003 08 06.9	21 06.00	-07 06.9	20.3	-0.92	- 5.2	3.7/09.4	35165
1998 QO ₁₅	2003 08 06.9	21 06.05	-10 55.0	18.6	-0.83	- 1.6	1.8/08.2	33770
2000 SW ₃₂₃	2003 08 06.9	21 06.10	-14 03.5	19.4	-0.97	- 5.1	1.0/07.6	47967
2000 SF ₂₁₁	2003 08 06.9	21 06.11	-25 07.9	19.2	-1.01	- 5.9	3.2/04.8	47959
2002 GP ₁₅₀	2003 08 06.9	21 06.16	-16 23.2	19.6	-0.81	- 3.1	8.7/27.0	48231
1995 DZ ₂	2003 08 07.0	21 06.14	+09 01.7	20.5	-1.16	+ 1.6	9.8/12.3	24939
1993 TY ₁₈	2003 08 07.0	21 06.15	-05 24.0	17.3	-0.46	- 6.8	6.6/10.7	47689
2002 BU ₉	2003 08 07.0	21 06.22	-18 57.9	18.8	-1.02	- 3.6	0.9/06.5	30630
2002 LD ₃₃	2003 08 07.0	21 06.31	+01 27.1	21.3	-0.70	- 4.8	4.7/12.2	48239
2002 GZ ₁₆	2003 08 07.0	21 06.32	-10 47.6	19.3	-0.75	- 4.6	2.0/08.6	48226
2000 YV ₅	2003 08 07.0	21 06.42	-30 09.9	17.7	-1.01	- 4.2	6.0/03.5	34983
1992 RJ ₂	2003 08 07.0	21 06.49	-14 13.9	17.7	-0.85	- 3.1	1.2/07.6	47685
2000 XB ₅₄	2003 08 07.0	21 06.49	-21 40.1	17.1	-0.86	- 9.6	2.5/05.5	41676
2002 BG ₁₄	2003 08 07.0	21 06.50	-14 21.7	18.4	-1.00	- 4.1	0.8/07.6	31964
2000 WG ₇₈	2003 08 07.0	21 06.54	-20 17.4	18.9	-0.95	- 3.5	1.3/06.2	31924
2001 AW ₄₀	2003 08 07.0	21 06.56	-16 43.8	19.7	-0.89	- 5.6	0.1/07.1	13804
2000 VN ₄₆	2003 08 07.0	21 06.58	-19 12.0	19.2	-1.02	- 2.6	1.0/06.5	30421
2002 EO ₁₀₁	2003 08 07.0	21 06.59	-10 03.4	19.7	-1.03	- 3.8	2.7/08.6	30058
2001 BU ₄₁	2003 08 07.1	21 06.53	-11 44.0	17.0	-1.47	+ 9.9	2.4/07.4	48006
2001 DY ₅₁	2003 08 07.1	21 06.55	-31 07.5	18.8	-0.84	- 3.9	4.3/03.3	31940
2000 VR ₆₀	2003 08 07.1	21 06.56	-29 27.7	19.0	-0.97	- 4.8	4.3/03.8	31922
1998 FR ₆₃	2003 08 07.1	21 06.57	-15 43.8	19.1	-0.95	- 5.3	0.3/07.3	30264
1999 YN ₁₀	2003 08 07.1	21 06.60	-16 15.0	20.5	-0.81	- 4.6	0.1/07.2	47837
2002 DK ₁₂	2003 08 07.1	21 06.66	-30 38.1	18.4	-0.91	- 7.2	5.0/03.1	33968
2002 FQ ₃₅	2003 08 07.1	21 06.79	+20 06.1	17.4	-0.60	- 9.2	14.1/23.5	48226
1999 VO ₅₉	2003 08 07.1	21 06.79	-12 30.6	19.5	-0.87	- 3.3	1.7/08.1	34805
1997 CD ₂₈	2003 08 07.1	21 06.82	-20 01.5	19.7	-0.95	- 3.1	1.2/06.4	10838
2002 CS ₇₈	2003 08 07.1	21 06.82	-20 48.9	17.5	-0.99	+ 2.0	2.3/06.4	35155
2000 SQ ₂	2003 08 07.1	21 06.87	-43 58.1	18.8	-1.27	-11.1	9.7/28.6	10977
2002 GN ₃	2003 08 07.1	21 06.89	-31 00.6	20.1	-1.11	- 3.8	5.1/03.7	33543
1999 RT ₂₀₁	2003 08 07.1	21 06.91	+00 08.8	17.7	-0.88	+ 1.8	8.1/10.5	33087
1999 VL ₇₉	2003 08 07.2	21 06.91	+09 23.8	18.6	-0.76	- 2.2	12.1/13.9	47821
1998 HJ ₃₆	2003 08 07.2	21 06.95	-33 13.6	18.6	-1.05	- 2.4	6.3/03.3	30268
1997 GC ₃	2003 08 07.2	21 06.95	-10 03.5	21.5	-0.87	- 4.5	2.1/08.8	46331
2002 EL ₅₉	2003 08 07.2	21 06.96	-11 11.2	19.3	-0.90	- 4.4	2.1/08.6	31978
2001 CQ ₄₇	2003 08 07.2	21 06.99	-25 17.4	17.0	-1.02	+ 0.7	3.3/05.5	33896
1999 XY ₂₁₅	2003 08 07.2	21 07.01	-10 21.6	19.1	-0.81	- 1.5	2.0/08.6	17113
1999 TF ₁₁₉	2003 08 07.2	21 07.04	+04 16.9	18.6	-0.75	- 7.6	8.0/13.9	47806
1996 SO	2003 08 07.2	21 07.06	-25 38.6	19.4	-1.11	- 3.3	3.8/05.1	8382
1999 TF ₇₈	2003 08 07.2	21 07.10	-21 14.4	18.3	-0.91	- 2.1	2.3/06.2	47804
1999 UG ₃₆	2003 08 07.2	21 07.10	-14 11.3	18.9	-0.89	- 3.2	0.9/07.8	29158
2002 CC ₂₄₂	2003 08 07.2	21 07.17	-11 29.9	17.9	-0.85	- 4.2	2.5/08.5	48211

2003 AUG. 6

M.P.C. 49333

2002 JM ₄₉	2003 08 07.2	21 07.19	-06 01.9	18.7	-0.78	-	2.0	3.4/09.8	33998
1999 TZ ₉₉	2003 08 07.2	21 07.19	-11 48.8	18.3	-0.82	-	7.1	1.7/08.6	31867
2002 JM ₈₁	2003 08 07.2	21 07.21	-09 58.1	21.2	-0.95	-	4.5	2.4/08.9	48235
2002 GD ₉	2003 08 07.2	21 07.21	-22 36.3	20.2	-0.91	-	4.3	1.9/05.8	31991
1998 SC ₃₃	2003 08 07.2	21 07.21	-43 44.5	19.4	-1.84	+	4.3	13.5/02.9	38195
1999 SR ₂₀	2003 08 07.2	21 07.23	-24 03.0	18.5	-0.87	-	6.7	2.5/05.1	31864
2001 BB ₅₉	2003 08 07.2	21 07.24	-10 39.2	19.2	-0.84	-	9.0	2.0/09.0	12279
2000 QL ₁₀₅	2003 08 07.2	21 07.26	-26 42.6	17.1	-0.91	-	6.7	5.3/04.4	47920
1999 RR ₆₇	2003 08 07.2	21 07.30	-01 37.8	18.8	-0.82	-	6.1	5.5/11.4	30307
2002 JQ ₆₉	2003 08 07.2	21 07.31	-22 54.0	19.0	-0.91	-	6.1	2.1/05.6	32025
2001 DC ₃₀	2003 08 07.2	21 07.33	-25 51.1	19.8	-0.82	-	2.4	2.5/05.0	48011
1999 RT ₁₇₁	2003 08 07.2	21 07.33	-05 20.2	18.8	-0.72	-11.7		4.8/11.1	29090
1998 BG ₁	2003 08 07.2	21 07.34	-25 35.0	19.6	-1.05	-	6.1	3.6/04.9	47721
1999 XR ₂₀₉	2003 08 07.3	21 07.28	-11 05.3	18.6	-0.86	-	0.2	1.5/08.4	12219
2000 SB ₁₁₂	2003 08 07.3	21 07.32	-15 18.4	18.5	-1.03	-	5.2	0.6/07.6	30392
2002 EL ₁₃	2003 08 07.3	21 07.33	-30 28.1	18.7	-0.97	-	3.8	4.9/03.9	30703
2002 GA ₁₇₄	2003 08 07.3	21 07.35	-11 10.4	18.5	-0.72	-	7.3	1.9/08.9	35189
1998 BD ₁₉	2003 08 07.3	21 07.38	-24 13.1	20.6	-1.08	-	3.5	2.7/05.5	47722
2000 WZ ₈₀	2003 08 07.3	21 07.39	-07 29.8	18.6	-0.93	-	2.2	3.3/09.4	31924
2002 FK ₃₄	2003 08 07.3	21 07.41	-19 26.6	20.1	-0.99	-	3.6	1.0/06.6	48226
2002 JL ₃₇	2003 08 07.3	21 07.50	-30 26.6	18.9	-0.91	-	1.7	4.5/04.1	31658
2000 RE ₇₅	2003 08 07.3	21 07.55	-06 16.8	18.6	-0.98	-	6.4	4.4/10.0	31331
2000 YQ ₁₂₀	2003 08 07.3	21 07.56	-35 11.9	19.1	-0.93	-	0.9	5.0/03.0	13802
2000 SP ₃₀₈	2003 08 07.3	21 07.57	-13 03.2	19.5	-1.07	-	2.1	1.4/08.1	6082
2002 EU ₈	2003 08 07.3	21 07.61	-23 26.5	19.4	-1.04	-	5.4	2.5/05.6	30702
2002 GV ₄₇	2003 08 07.3	21 07.62	+00 43.9	19.3	-0.86	-	3.6	5.6/12.0	31521
2000 YY ₅₄	2003 08 07.3	21 07.63	-18 30.8	20.5	-0.80	-	3.7	0.6/06.9	34987
2002 GD ₉₇	2003 08 07.3	21 07.67	-16 31.4	20.4	-0.96	-	3.7	0.0/07.4	48229
1999 TF ₂₈	2003 08 07.3	21 07.71	-35 47.4	17.5	-0.93	-	0.9	9.2/02.7	47801
2002 JM ₁₅	2003 08 07.4	21 07.76	-07 56.5	20.0	-0.79	-	5.3	2.6/09.7	30185
1998 DQ ₁₂	2003 08 07.4	21 07.77	-15 48.8	19.5	-0.96	-	4.7	0.2/07.6	30260
2002 FS ₁	2003 08 07.4	21 07.78	-12 51.4	18.2	-0.76	-10.4		1.2/08.6	30729
1998 FY ₅₈	2003 08 07.4	21 07.80	-27 27.9	19.7	-1.02	-	2.6	3.9/04.9	30264
1999 UY ₆	2003 08 07.4	21 07.81	-32 50.8	19.7	-1.05	-	1.1	6.5/03.7	29154
2002 JU ₁₀	2003 08 07.4	21 07.81	-33 31.9	17.4	-0.82	-	6.6	5.9/02.3	32014
1999 WZ ₇	2003 08 07.4	21 07.82	-39 54.8	19.6	-0.97	-	1.5	6.2/01.7	13627
2001 XT ₂₄₃	2003 08 07.4	21 07.88	-08 36.0	18.6	-1.03	-	3.0	3.2/09.2	41761
2001 DO ₁₈	2003 08 07.4	21 07.89	-12 20.9	19.6	-0.71	-	7.9	1.1/08.7	35014
1998 SE ₇₂	2003 08 07.4	21 07.92	-09 18.1	18.0	-0.72	-	4.8	2.4/09.4	47746
1999 TH ₂	2003 08 07.4	21 07.99	-10 39.8	18.3	-0.86	-	3.1	2.5/08.9	47799
1999 JG ₉	2003 08 07.4	21 08.00	-16 11.6	17.7	-0.82	-	9.9	0.1/07.6	47777
1999 XO ₁₅₅	2003 08 07.4	21 08.03	-01 38.4	18.3	-0.76	-	2.8	4.9/11.3	31885
2000 TP ₁₀	2003 08 07.4	21 08.04	-08 45.8	19.6	-0.97	-	4.8	3.3/09.4	47970
1999 VZ ₅	2003 08 07.4	21 08.05	-30 52.1	17.5	-0.86	-	5.3	4.5/03.4	33836
1999 WU ₁₇	2003 08 07.4	21 08.06	-32 48.4	19.4	-0.98	-	2.3	6.2/03.6	33150
2000 YW ₆₁	2003 08 07.4	21 08.07	-25 21.2	19.0	-0.77	-	7.3	2.5/04.9	47999
2000 SK ₃₆₇	2003 08 07.4	21 08.09	-08 00.4	18.6	-1.01	-	2.4	3.2/09.4	29424
2002 CS ₁₅₉	2003 08 07.5	21 08.08	-16 15.3	19.6	-0.96	-	5.7	0.1/07.6	48207
1999 XU ₁₁₉	2003 08 07.5	21 08.09	+01 13.6	18.4	-0.84	-	0.9	6.6/11.6	47832
2000 VC ₂₄	2003 08 07.5	21 08.13	-15 49.7	20.2	-0.99	-	4.4	0.2/07.7	9861
2000 WL ₁₉₄	2003 08 07.5	21 08.19	-39 56.7	20.2	-1.09	-	5.6	8.3/31.6	20834

2002 JV ₃₂	2003 08 07.5	21 08.27	-33 46.7	18.4	-0.91	-	4.1	5.7/02.8	33997
2001 CT ₃₈	2003 08 07.5	21 08.28	-30 49.7	16.0	-1.48	+	6.3	6.7/05.7	33896
1998 FZ ₇₂	2003 08 07.5	21 08.31	-03 22.7	19.9	-0.83	-	5.5	4.9/11.2	47727
1999 RD ₂₀₄	2003 08 07.5	21 08.38	-20 54.3	16.7	-1.08	+	2.6	1.9/06.8	30314
1999 XX ₉₃	2003 08 07.5	21 08.42	-25 47.3	17.8	-0.85	-	8.5	3.2/04.7	31310
1993 RT ₄	2003 08 07.5	21 08.44	-13 37.6	18.8	-0.89	-	3.7	1.5/08.3	9030
1999 RT ₂₂₁	2003 08 07.5	21 08.45	-06 46.0	18.7	-0.94	-	0.5	4.3/09.5	2656
1998 HM ₆₀	2003 08 07.6	21 08.45	-15 14.1	18.7	-0.94	-	2.9	0.5/07.9	30269
1999 RW ₁₀₉	2003 08 07.6	21 08.48	-18 19.1	18.5	-1.08	+	1.7	0.8/07.3	10382
2002 CL ₁₀₅	2003 08 07.6	21 08.52	-08 13.1	19.1	-0.89	-	8.6	2.9/10.0	48204
2002 CV ₄	2003 08 07.6	21 08.58	-27 10.0	18.5	-1.11	-	2.8	4.2/05.2	27444
2001 DS ₅₂	2003 08 07.6	21 08.59	-24 36.6	17.8	-0.81	-	6.0	2.5/05.3	31940
1999 RK ₁₉₄	2003 08 07.6	21 08.62	-09 34.7	17.7	-0.88	-	3.6	3.0/09.3	31862
1999 VN ₁₀₄	2003 08 07.6	21 08.67	-18 02.7	19.6	-0.84	-	3.8	0.5/07.2	47822
2000 WL ₃₄	2003 08 07.6	21 08.74	-07 40.3	18.1	-0.94	-	5.2	3.8/09.9	31923
1999 RU ₂₁₀	2003 08 07.6	21 08.75	+04 36.2	19.7	-0.78	-	2.6	5.9/13.0	31862
2002 JM ₁₀₃	2003 08 07.6	21 08.77	+03 38.3	19.3	-0.83	-	4.1	6.6/13.0	32030
1999 XO ₁₄₄	2003 08 07.6	21 08.79	-01 27.6	19.4	-0.77	-	1.2	4.2/11.2	13636
2000 AZ ₂₃	2003 08 07.6	21 08.81	-24 35.8	19.2	-0.79	-	3.7	2.3/05.5	12224
2000 TL ₃₁	2003 08 07.6	21 08.82	-28 53.7	20.2	-1.09	-	4.2	5.0/04.7	30408
2002 JK ₁₄	2003 08 07.6	21 08.87	-10 06.4	20.0	-0.90	-	6.9	2.1/09.4	48232
1999 VQ ₇₄	2003 08 07.7	21 08.85	-27 23.4	20.0	-0.92	-	3.5	3.9/05.0	31876
2001 CM ₂₇	2003 08 07.7	21 08.92	-29 07.2	18.9	-0.91	-	5.8	4.2/04.2	31938
2000 VS ₄₈	2003 08 07.7	21 08.95	-13 44.7	18.8	-1.00	-	3.9	1.1/08.4	31922
2002 ET ₆₅	2003 08 07.7	21 08.95	-30 58.1	19.6	-1.18	+	1.2	5.6/05.1	30005
1998 FL ₁₈	2003 08 07.7	21 08.97	-14 11.5	18.7	-0.95	-	4.7	0.8/08.3	30262
2000 JG ₁₀	2003 08 07.7	21 08.98	+21 06.9	18.9	-0.87	-10.3		18.4/23.2	27663
2001 YD ₄	2003 08 07.7	21 09.03	-57 14.9	20.7	-1.84	+	1.6	13.3/29.8	30592
2002 AF ₁₉₂	2003 08 07.7	21 09.06	-10 22.2	19.3	-0.97	-	5.1	2.3/09.3	30628
2002 JM ₅₄	2003 08 07.7	21 09.12	-04 00.8	19.8	-0.80	-	2.2	3.8/10.8	33566
1998 FP ₄₂	2003 08 07.7	21 09.13	-07 11.6	19.5	-0.90	-	5.1	3.1/10.1	31812
2002 CT ₁₀₁	2003 08 07.7	21 09.14	-24 13.5	19.2	-0.96	-	2.6	2.8/06.0	48203
1998 QU ₉₅	2003 08 07.7	21 09.14	+02 40.6	18.0	-0.74	-	4.3	6.7/13.1	31823
1999 TP ₂₄₈	2003 08 07.7	21 09.19	-02 00.6	18.9	-0.80	-	4.8	5.8/11.6	47812
2000 SU ₁₆₂	2003 08 07.7	21 09.20	-16 43.3	18.3	-1.07	-	2.9	0.1/07.7	47954
2000 VT ₅₁	2003 08 07.7	21 09.20	-29 25.7	19.1	-1.08	-	1.0	6.5/04.9	33302
2002 EK ₁₂	2003 08 07.7	21 09.22	-40 45.8	18.4	-1.08	+	0.9	8.4/02.7	31976
1998 BP ₃₀	2003 08 07.7	21 09.27	-06 00.7	19.4	-0.94	-	3.7	4.3/10.3	28971
1999 VD ₁₆₃	2003 08 07.8	21 09.25	-16 55.0	18.8	-0.86	-	3.2	0.2/07.7	30335
2002 CL ₂₇₂	2003 08 07.8	21 09.26	-28 24.3	19.5	-0.98	-	5.6	5.0/04.6	29909
2002 AS ₁₈₇	2003 08 07.8	21 09.28	-28 26.1	19.2	-0.93	-	6.2	4.1/04.5	31964
2002 EO ₁₄₆	2003 08 07.8	21 09.40	-17 43.5	19.8	-0.99	-	5.6	0.5/07.5	31478
1999 XF ₁₉	2003 08 07.8	21 09.45	-26 51.7	18.1	-0.91	-	4.3	4.8/05.1	33154
2002 GW ₉₅	2003 08 07.8	21 09.52	-06 14.3	20.8	-0.88	-	4.0	3.3/10.4	31568
2000 ST ₁₆₈	2003 08 07.8	21 09.58	-14 24.6	18.0	-1.04	-	3.5	0.8/08.3	29371
1995 MV ₁	2003 08 07.8	21 09.58	-13 13.8	17.1	-0.77	-	9.5	1.5/08.9	28943
1999 JH ₆₅	2003 08 07.8	21 09.64	-01 10.9	19.1	-0.94	-	6.5	6.3/12.2	47780
1999 TR ₂₉₂	2003 08 07.8	21 09.64	-04 36.6	18.8	-0.88	-	2.6	4.2/10.6	2675
1999 RO ₁₉₉	2003 08 07.9	21 09.66	-03 46.3	18.1	-0.85	-	3.4	4.1/11.0	33824
2000 WN ₁₁₅	2003 08 07.9	21 09.67	-28 14.4	19.2	-1.06	-	5.1	4.9/04.8	33318
1999 TW ₅₈	2003 08 07.9	21 09.68	+04 57.4	20.4	-0.72	-	3.7	6.0/14.0	47803

1999 RQ ₃₃	2003 08 07.9	21 09.68	-10 51.6	18.7	-0.84	- 5.8	1.8/09.4	47788
2002 CZ ₁₅₀	2003 08 07.9	21 09.73	-28 11.6	19.0	-1.02	- 6.4	5.1/04.7	48207
2002 CS ₁₄₁	2003 08 07.9	21 09.74	-16 59.1	18.2	-1.01	- 0.4	0.2/07.8	30668
1999 VH ₁₄₅	2003 08 07.9	21 09.75	-38 39.4	18.4	-1.13	- 0.1	9.8/02.7	31878
1999 RK ₆₆	2003 08 07.9	21 09.76	-16 15.4	18.3	-0.86	- 6.2	0.0/08.0	47789
1998 QT ₈₅	2003 08 07.9	21 09.77	-16 44.4	18.6	-0.91	+ 0.2	0.1/07.9	30276
1999 XH ₂₀₅	2003 08 07.9	21 09.84	-25 53.4	18.8	-0.93	- 1.1	3.0/05.8	25767
1999 XC ₁₀₁	2003 08 07.9	21 09.88	-10 57.6	18.7	-0.84	- 1.4	1.8/09.2	29198
3051 T-2	2003 08 07.9	21 09.91	-13 43.7	19.3	-0.94	- 6.3	1.0/08.7	11066
1999 TY ₃₀₇	2003 08 07.9	21 09.94	-21 06.5	18.7	-0.89	- 4.0	1.8/06.8	33118
2000 SQ ₁₃₉	2003 08 07.9	21 10.00	-10 36.0	17.2	-1.05	+ 0.2	2.9/09.1	27711
2002 CR ₁₅₉	2003 08 07.9	21 10.03	-42 14.6	20.5	-1.46	+ 1.6	8.9/03.2	30672
2002 EY ₂₀	2003 08 07.9	21 10.03	-24 03.5	19.5	-0.89	- 6.5	2.7/05.9	30704
2000 RA ₆₀	2003 08 08.0	21 09.95	-14 43.9	17.7	-0.85	- 7.2	0.8/08.5	31913
1998 QL ₅₅	2003 08 08.0	21 09.98	-17 38.8	18.3	-0.80	- 3.4	0.5/07.7	34716
2002 EL ₈₇	2003 08 08.0	21 09.99	-08 40.2	17.0	-0.79	- 8.6	3.4/10.3	31980
2002 ED ₉₂	2003 08 08.0	21 10.00	-27 10.9	20.9	-1.04	- 0.3	3.9/05.8	48221
2002 EN ₁₂	2003 08 08.0	21 10.03	-13 27.2	20.1	-0.99	- 4.8	1.1/08.7	29943
1999 VC ₁₂₁	2003 08 08.0	21 10.14	-23 27.7	20.0	-0.91	- 3.2	2.7/06.3	47823
2002 GD ₁₀₆	2003 08 08.0	21 10.15	-15 07.1	17.7	-0.77	- 8.5	0.4/08.4	32005
1996 TG ₁₇	2003 08 08.0	21 10.21	-07 39.2	19.6	-0.99	- 3.5	3.9/10.0	47705
2002 GT ₁₄	2003 08 08.0	21 10.25	-40 22.9	18.7	-1.22	+ 0.5	9.7/03.0	48226
2000 WK ₅₇	2003 08 08.0	21 10.29	-33 55.7	19.1	-0.97	- 5.8	5.5/03.1	31924
1999 VM ₂₂	2003 08 08.0	21 10.31	-26 33.8	16.8	-0.96	- 1.8	4.0/05.7	30331
2000 UJ ₄₇	2003 08 08.0	21 10.32	-25 19.5	17.5	-0.96	- 4.1	4.6/05.8	27734
2000 WO ₁₃₈	2003 08 08.0	21 10.37	-20 18.5	19.5	-0.96	- 3.8	1.4/07.1	47992
2000 UU ₃₄	2003 08 08.0	21 10.41	-14 39.5	19.8	-1.02	- 4.2	0.6/08.5	47977
1998 UH ₁	2003 08 08.0	21 10.44	+00 43.5	18.1	-1.51	+11.0	9.5/09.2	47753
2001 DU ₆₀	2003 08 08.1	21 10.33	-12 12.5	19.0	-0.75	- 3.6	1.2/09.2	35542
1998 UV	2003 08 08.1	21 10.34	-18 53.8	17.1	-1.54	+ 5.4	1.3/07.8	30287
2002 JE ₇₇	2003 08 08.1	21 10.37	-05 16.0	20.0	-0.86	- 4.3	3.7/11.0	31712
2002 CF ₅₉	2003 08 08.1	21 10.39	-15 53.3	20.4	-0.95	- 4.5	0.1/08.2	29790
2002 GD ₁	2003 08 08.1	21 10.41	-14 42.8	19.3	-0.91	- 4.6	0.6/08.5	30733
2002 GJ ₁₃₀	2003 08 08.1	21 10.42	-16 05.6	19.1	-0.87	- 3.2	0.1/08.2	31592
2002 JF ₁₄₈	2003 08 08.1	21 10.47	-23 13.5	18.8	-1.03	- 7.5	2.7/06.2	41766
2002 CN ₇₇	2003 08 08.1	21 10.48	-16 50.4	20.2	-1.07	- 4.8	0.3/08.0	48202
2000 UP ₄₇	2003 08 08.1	21 10.55	-21 43.8	19.4	-1.04	- 4.2	2.2/06.8	30414
2002 EK ₂₆	2003 08 08.1	21 10.55	-10 25.7	19.7	-0.95	- 4.2	2.1/09.6	30705
1999 TQ ₁₃₆	2003 08 08.1	21 10.57	-13 36.9	19.0	-0.85	- 3.5	1.1/08.8	30322
1998 RK ₄₂	2003 08 08.1	21 10.58	-03 45.1	18.6	-0.74	- 4.6	4.3/11.6	47739
2002 EB ₁₀₂	2003 08 08.1	21 10.63	-24 21.7	20.3	-0.99	- 5.4	2.7/06.1	33971
1995 SX ₃₇	2003 08 08.1	21 10.63	-15 39.6	18.9	-0.91	- 4.0	0.2/08.3	47697
2002 EF ₁₅	2003 08 08.1	21 10.65	-08 46.5	18.7	-0.85	- 7.4	3.4/10.3	48216
1995 QU ₅	2003 08 08.1	21 10.68	-10 51.9	18.5	-1.04	+ 2.5	2.6/09.1	20681
2001 CX ₂₁	2003 08 08.1	21 10.68	-19 08.2	17.8	-0.84	- 2.1	0.9/07.5	31938
1999 XD ₁₅₁	2003 08 08.1	21 10.69	-31 02.3	18.6	-0.94	- 6.1	5.1/03.9	31885
2000 VH ₄₅	2003 08 08.1	21 10.69	-32 02.3	18.6	-1.03	- 5.6	6.9/03.8	33301
2000 SU ₃₂₄	2003 08 08.1	21 10.72	+17 35.9	20.0	-0.86	- 9.3	13.4/21.1	7211
2002 JC ₄₅	2003 08 08.1	21 10.80	-24 03.8	19.4	-0.93	- 2.7	2.6/06.3	31667
2002 JQ ₁₃₅	2003 08 08.2	21 10.77	-02 05.4	19.6	-0.74	- 3.4	4.2/12.0	48237
2000 YJ ₁₀	2003 08 08.2	21 10.81	-14 53.6	19.3	-0.99	- 3.6	0.5/08.5	47997

1999 WO ₁₀	2003 08 08.2	21 10.84	-32 47.8	19.7	-0.99	- 3.7	6.3/03.8	1545
2002 JN ₁₀₀	2003 08 08.2	21 10.87	-23 04.0	17.9	-0.88	- 8.4	2.2/06.2	32029
2001 YF ₉₂	2003 08 08.2	21 10.89	-41 05.9	19.0	-1.26	-19.6	11.0/29.5	30598
2002 FJ ₃₈	2003 08 08.2	21 10.97	-19 32.0	20.7	-0.97	- 5.6	1.2/07.4	48226
2002 EJ ₁₄₀	2003 08 08.2	21 10.99	-29 48.2	17.2	-1.01	+ 2.5	7.0/05.8	48223
2002 GF ₈₂	2003 08 08.2	21 10.99	-19 16.4	18.6	-0.75	- 5.3	1.1/07.4	31552
1999 UR ₁₅	2003 08 08.2	21 11.03	-12 13.9	18.7	-0.80	- 5.6	1.5/09.4	29155
1997 BE ₂	2003 08 08.2	21 11.04	-14 23.5	20.0	-0.87	- 5.1	0.6/08.8	31808
2000 SK ₁₃₇	2003 08 08.2	21 11.07	-14 51.1	19.1	-1.11	- 2.0	0.6/08.6	6373
2002 JL ₁₂₅	2003 08 08.2	21 11.08	-21 30.1	20.3	-0.91	- 3.4	1.8/07.0	34006
2001 AY ₃₅	2003 08 08.2	21 11.11	-31 09.1	18.8	-0.91	- 4.8	4.9/04.2	31935
2000 SR ₃₆	2003 08 08.2	21 11.13	-21 10.1	19.7	-1.08	- 3.9	2.1/07.1	47942
1999 VM ₈₆	2003 08 08.2	21 11.15	-05 46.4	20.3	-0.83	- 6.3	3.7/11.1	13623
2000 SE ₃₀₈	2003 08 08.2	21 11.19	-25 46.1	18.9	-1.14	- 2.2	4.5/06.2	33274
2000 YY ₉₅	2003 08 08.3	21 11.12	-09 27.5	18.2	-0.98	- 2.5	3.2/09.8	23616
1999 RJ ₁₂₀	2003 08 08.3	21 11.18	-13 52.5	17.9	-0.87	- 4.8	1.1/08.9	30309
1999 UU ₁₇	2003 08 08.3	21 11.20	-21 05.0	20.0	-0.89	- 4.0	1.9/07.1	33122
2000 QC ₂₀₉	2003 08 08.3	21 11.21	-09 25.5	19.3	-1.01	- 5.2	2.8/10.0	30376
2000 YA ₇₂	2003 08 08.3	21 11.21	-20 58.7	20.2	-1.01	- 5.5	1.8/07.1	9904
2002 EP ₅₇	2003 08 08.3	21 11.22	-09 01.7	20.8	-0.88	- 5.8	2.6/10.3	48219
2002 GY ₁₃₂	2003 08 08.3	21 11.23	-24 31.0	19.2	-0.95	- 2.4	3.1/06.4	35185
2000 VN ₄₄	2003 08 08.3	21 11.26	-07 43.6	19.2	-0.91	- 4.2	3.0/10.5	30421
1999 XF ₆₇	2003 08 08.3	21 11.28	-17 28.8	20.3	-0.75	- 3.7	0.3/08.0	11700
2002 LV ₃₉	2003 08 08.3	21 11.29	-09 57.2	19.9	-0.72	- 5.8	1.9/10.1	48239
2002 CM ₂₃₂	2003 08 08.3	21 11.37	-20 47.1	19.1	-0.91	- 5.6	2.1/07.2	48211
1999 UE ₂₄	2003 08 08.3	21 11.39	-19 23.1	18.3	-0.96	- 2.0	1.1/07.6	13617
1998 QZ ₇₇	2003 08 08.3	21 11.40	-20 41.1	18.0	-0.95	+ 0.9	1.4/07.5	12133
2002 CV ₁₀₆	2003 08 08.3	21 11.44	-12 00.2	19.1	-0.89	- 6.7	1.6/09.5	30660
1999 RL ₈₅	2003 08 08.3	21 11.47	-13 35.1	17.9	-0.78	- 6.9	1.2/09.1	41581
1988 DE ₃	2003 08 08.3	21 11.50	-10 20.8	18.5	-0.95	- 1.1	2.0/09.6	12103
2000 YU ₁₀₈	2003 08 08.3	21 11.52	-23 23.4	18.3	-0.98	- 5.8	3.4/06.5	48001
1981 EY ₄₃	2003 08 08.4	21 11.48	-11 37.3	19.6	-0.93	- 3.2	1.6/09.5	30240
2001 FJ ₁₃	2003 08 08.4	21 11.51	-22 11.9	20.0	-0.78	- 3.1	1.6/06.9	48017
2000 WW ₁₇	2003 08 08.4	21 11.65	-04 15.8	19.5	-0.88	- 3.8	4.0/11.5	31922
1999 VT ₂₀₃	2003 08 08.4	21 11.69	-35 01.1	17.3	-0.93	- 6.5	8.3/02.6	47826
2000 AE ₂₄₉	2003 08 08.4	21 11.71	-15 31.8	20.7	-0.76	- 3.5	0.2/08.6	47846
2002 EY ₂₉	2003 08 08.4	21 11.71	-38 58.3	19.1	-1.21	+ 3.6	8.3/04.8	30706
2000 RM ₉	2003 08 08.4	21 11.71	-19 06.2	17.9	-0.94	- 5.9	1.0/07.7	31912
2002 AK ₄	2003 08 08.4	21 11.74	-56 11.7	18.4	-1.86	+ 0.3	17.2/29.2	30603
2000 SW ₃₅₂	2003 08 08.4	21 11.77	-27 14.0	16.2	-0.78	-10.9	5.8/04.8	47969
1996 TP ₃	2003 08 08.4	21 11.84	-49 49.6	18.6	-1.78	+ 3.5	14.1/01.1	9684
1999 JP ₄₅	2003 08 08.4	21 11.85	-13 23.6	19.0	-0.95	- 5.3	1.2/09.2	47779
2000 AW ₁₄₈	2003 08 08.4	21 11.86	-12 56.2	17.2	-0.83	- 8.3	1.3/09.4	47843
2000 WA ₅₆	2003 08 08.5	21 11.87	-20 20.4	19.0	-1.01	- 2.8	1.5/07.5	13797
2000 KW ₄	2003 08 08.5	21 11.87	-57 45.7	19.4	-1.60	- 7.8	18.5/23.5	22173
2002 GZ ₁₅₃	2003 08 08.5	21 11.90	-27 28.0	18.7	-1.00	- 7.0	4.0/05.3	31602
2002 AP ₈	2003 08 08.5	21 12.08	-17 26.4	21.2	-0.99	- 4.2	0.5/08.2	38331
2001 FB ₁₅₄	2003 08 08.5	21 12.12	+02 21.4	20.9	-0.67	- 5.7	4.6/14.2	13845
2002 EQ ₁₂₁	2003 08 08.5	21 12.22	-15 45.1	18.6	-0.94	- 3.0	0.2/08.7	30070
2000 RE ₄₅	2003 08 08.5	21 12.22	-13 38.0	18.0	-0.96	- 2.0	1.4/09.1	27694
2001 DA ₇₄	2003 08 08.5	21 12.28	-05 35.1	20.0	-0.68	- 5.5	2.6/11.7	12302

2003 AUG. 6

M.P.C. 49335

2002 JN ₂₉	2003 08 08.5	21 12.28	-02 22.7	20.7	-0.73	-	4.3	4.3/12.4	48233
2000 YR ₁₁₉	2003 08 08.6	21 12.28	-06 34.2	18.9	-0.95	-	1.5	3.4/10.7	9911
2001 FP ₃₇	2003 08 08.6	21 12.30	-33 21.7	19.0	-0.99	-	1.0	5.4/04.5	31943
2002 CC ₆	2003 08 08.6	21 12.35	-19 01.5	19.1	-0.99	-	4.1	1.1/07.9	30636
1999 RZ ₁₅₅	2003 08 08.6	21 12.36	-05 35.3	17.9	-0.69	-	4.4	5.4/11.5	47794
2000 SN ₁₀₈	2003 08 08.6	21 12.37	-04 47.9	19.4	-0.89	-	6.7	5.4/11.8	47950
2000 AN ₈₂	2003 08 08.6	21 12.37	-15 15.1	19.5	-0.76	-	3.5	0.3/08.9	47841
1999 XL ₁₃₈	2003 08 08.6	21 12.40	+07 23.7	21.7	-0.71	-	2.7	5.7/15.1	17104
2000 QF ₁₃₀	2003 08 08.6	21 12.52	-25 34.3	17.8	-1.11	-	3.3	3.8/06.4	12243
1998 SE ₁₁₃	2003 08 08.6	21 12.58	-30 44.1	17.1	-0.84	-	3.5	5.7/04.8	31834
2002 CQ ₂₂₅	2003 08 08.6	21 12.64	-15 01.4	17.8	-1.11	+	1.7	0.5/08.9	38333
1999 VA ₂₆	2003 08 08.6	21 12.65	-33 16.4	20.3	-0.85	-	3.8	4.4/04.0	13620
2000 SW ₃₀₇	2003 08 08.6	21 12.69	-18 44.4	18.5	-1.10	-	1.8	1.0/08.1	13778
1999 NR ₁₃	2003 08 08.7	21 12.63	+03 40.3	18.3	-1.06	-	0.7	6.4/13.1	35473
1999 JT ₁₁₃	2003 08 08.7	21 12.63	-17 00.1	17.1	-0.76	-	6.8	0.5/08.4	47782
1999 KU ₁₅	2003 08 08.7	21 12.68	-27 34.9	19.8	-1.05	-	4.3	4.7/05.9	47783
2000 WX ₁₄₆	2003 08 08.7	21 12.70	-25 14.9	19.2	-0.91	-	6.7	2.8/06.1	31926
2000 XJ ₄₀	2003 08 08.7	21 12.71	+08 51.3	19.0	-1.05	+	1.6	8.3/14.0	25362
2000 RZ ₉₄	2003 08 08.7	21 12.75	-16 43.2	18.1	-0.93	-	6.8	0.3/08.6	27699
2002 GD ₉₅	2003 08 08.7	21 12.84	-13 51.3	20.6	-0.93	-	3.4	0.8/09.3	48229
2002 JE ₉₄	2003 08 08.7	21 12.93	-10 33.1	20.2	-0.76	-	3.1	1.6/10.2	31724
2001 BM ₃	2003 08 08.7	21 12.95	-37 58.2	20.3	-0.85	-	6.4	5.5/02.1	34997
1999 RF ₂₁₃	2003 08 08.7	21 12.97	-20 48.3	19.6	-0.98	-	0.7	1.6/07.8	10402
1999 RW ₁₉₈	2003 08 08.7	21 12.98	+04 20.1	17.6	-0.94	-	0.2	7.6/13.2	47796
1999 JC ₅₅	2003 08 08.7	21 13.00	-07 21.5	17.3	-0.93	-	4.4	3.9/11.0	41576
1999 JY ₁₂	2003 08 08.7	21 13.01	-27 37.2	17.6	-0.96	-	7.4	5.2/05.5	41574
2002 GV ₁₂₀	2003 08 08.7	21 13.02	-21 09.9	18.5	-1.06	-	4.3	1.9/07.6	31588
2000 UM ₆₁	2003 08 08.8	21 13.02	-21 43.9	18.6	-1.06	-	2.5	2.2/07.5	30415
1999 SC ₂₂	2003 08 08.8	21 13.02	-19 28.5	20.0	-0.96	-	2.1	1.2/08.0	10411
2000 QU ₁₀₀	2003 08 08.8	21 13.03	-18 09.6	17.4	-0.94	-	7.8	1.0/08.2	33881
1999 XN ₈₇	2003 08 08.8	21 13.10	-35 02.9	18.6	-0.87	-	6.4	5.5/03.0	31883
1999 VQ ₅₀	2003 08 08.8	21 13.13	-36 32.5	18.8	-0.96	-	3.2	6.8/03.3	29167
2002 GC ₁₂₂	2003 08 08.8	21 13.15	-17 15.8	19.2	-0.78	-	4.4	0.4/08.5	48230
1998 SG ₁₅₀	2003 08 08.8	21 13.20	-07 37.3	19.9	-0.74	-	4.1	2.5/11.1	47750
2002 JW ₁₂₉	2003 08 08.8	21 13.21	-20 37.3	20.3	-0.89	-	5.4	1.4/07.6	33582
2002 JE ₈₀	2003 08 08.8	21 13.22	-18 35.0	19.0	-0.84	-	3.3	0.9/08.2	31716
2000 UN ₅	2003 08 08.8	21 13.24	-05 18.0	18.3	-0.83	-	6.2	5.4/11.9	29439
2002 CU ₂₁₅	2003 08 08.8	21 13.27	-17 38.4	18.0	-0.83	-	6.8	0.8/08.4	29866
2000 XT ₂₆	2003 08 08.8	21 13.31	-19 52.7	18.7	-1.00	-	2.1	1.3/08.0	9890
1999 XS ₁₇₉	2003 08 08.8	21 13.33	-21 35.8	19.4	-0.80	-	3.4	1.6/07.4	47834
2002 FD ₂₂	2003 08 08.8	21 13.38	-24 15.3	18.5	-0.98	-	6.8	3.2/06.6	33975
2002 GC ₁₀₆	2003 08 08.8	21 13.38	-26 46.2	20.1	-0.88	-	5.6	3.5/06.0	31579
1998 RW ₆₆	2003 08 08.9	21 13.38	-32 04.9	18.1	-1.05	+	0.4	5.4/05.4	31827
2000 YE ₇₃	2003 08 08.9	21 13.40	-23 50.9	19.6	-0.90	-	5.1	2.5/06.8	48000
2002 HQ ₃	2003 08 08.9	21 13.42	-33 14.5	19.2	-0.86	-	4.4	5.5/04.2	32011
1999 RM ₂₀₄	2003 08 08.9	21 13.44	-18 26.9	17.7	-1.10	+	4.5	1.1/08.6	33088
2000 SU ₂₉₄	2003 08 08.9	21 13.48	+18 50.4	20.2	-0.95	-	2.0	11.3/17.9	31338
2001 AM ₂₁	2003 08 08.9	21 13.51	-19 23.5	19.2	-0.91	-	2.7	1.2/08.1	30445
2000 UY ₁₀	2003 08 08.9	21 13.56	-09 23.1	18.2	-1.02	-	2.3	2.6/10.4	47975
1998 HK ₂₄	2003 08 08.9	21 13.60	+01 15.8	18.7	-0.80	-	8.2	7.0/14.2	30268
2002 CM ₂₂	2003 08 08.9	21 13.60	-19 52.0	19.8	-1.07	+	0.6	1.3/08.2	30640

2156 T-2	2003 08 08.9	21 13.62	-06 51.2	18.6	-0.90	-	6.3	3.5/11.4	32043
2002 FN ₃₃	2003 08 08.9	21 13.63	-24 16.2	18.8	-1.01	-	6.8	3.3/06.7	31493
2000 XC ₃₂	2003 08 08.9	21 13.65	-11 18.9	18.1	-0.96	-	0.3	1.6/09.9	30437
2000 YS ₅	2003 08 08.9	21 13.69	-31 17.7	18.8	-1.02	-	2.2	5.3/05.4	31929
1999 JZ ₁₂₆	2003 08 08.9	21 13.71	-04 57.7	17.5	-0.79	-	3.9	5.7/12.0	47782
2000 WT ₇₁	2003 08 08.9	21 13.72	-17 43.1	18.3	-1.04	-	1.0	0.7/08.6	27748
2000 AP ₆	2003 08 08.9	21 13.73	-05 39.9	19.6	-0.85	-	4.7	3.6/11.6	1560
2002 CR ₂₃₀	2003 08 09.0	21 13.78	-21 57.7	20.7	-0.92	-	3.9	2.0/07.5	48211
2002 JY ₄₉	2003 08 09.0	21 13.81	+04 06.9	19.6	-0.85	-	3.1	6.8/14.2	33566
2002 KY ₂	2003 08 09.0	21 13.81	-08 51.5	21.0	-0.86	-	4.2	2.2/10.9	32033
2002 CK ₁₁₂	2003 08 09.0	21 13.90	-06 43.3	17.8	-0.74	-	7.4	3.1/12.0	48204
2000 SR ₂₇₃	2003 08 09.0	21 13.94	-26 38.4	17.9	-1.04	-	3.8	4.1/06.5	30403
2000 OE ₄₈	2003 08 09.0	21 13.94	-17 11.8	17.0	-0.88	-	7.7	0.6/08.7	47906
2002 EG ₂₂	2003 08 09.0	21 13.94	-36 39.3	19.4	-1.09	+	0.9	8.6/04.8	29958
2000 AT ₁₀₇	2003 08 09.0	21 13.96	-19 45.6	16.1	-0.72	-	11.4	1.7/07.8	2717
2000 QV ₂₀₃	2003 08 09.0	21 14.04	-24 59.3	18.3	-1.11	-	3.5	4.1/06.9	33882
2002 GB ₁₄₀	2003 08 09.0	21 14.05	-05 49.6	20.0	-0.90	-	4.3	3.7/11.7	48230
2000 WQ ₁₂₁	2003 08 09.0	21 14.05	-12 34.8	16.9	-0.81	-	9.7	1.7/10.1	31359
2002 CU ₁₀₄	2003 08 09.0	21 14.07	-24 59.6	19.1	-1.07	-	2.4	3.5/07.0	48204
2000 YX ₁₁₈	2003 08 09.0	21 14.13	-14 33.6	18.0	-0.94	-	0.7	0.5/09.4	13802
1999 TC ₁₈₆	2003 08 09.0	21 14.13	-25 24.8	19.0	-0.96	-	0.4	2.8/07.1	13614
2000 UX ₆₄	2003 08 09.0	21 14.15	-02 46.7	20.0	-0.97	-	3.7	6.0/12.0	7620
1999 TE ₁₅₇	2003 08 09.0	21 14.16	-02 35.9	18.3	-0.80	-	5.3	4.6/12.9	31869
2000 WD ₁₁₄	2003 08 09.0	21 14.19	-20 47.3	20.6	-0.98	-	4.0	1.7/07.9	47991
1992 SN ₅	2003 08 09.1	21 14.18	-28 14.2	18.5	-1.14	-	0.1	5.3/06.7	47685
1995 VU ₁₁	2003 08 09.1	21 14.19	-13 44.3	18.9	-0.79	-	6.5	1.0/09.8	47699
2002 CA ₂₄₅	2003 08 09.1	21 14.20	-05 26.3	18.2	-1.05	+	1.9	4.3/11.1	30689
1999 TP ₁₁₈	2003 08 09.1	21 14.27	-18 59.1	19.7	-0.91	-	2.4	1.1/08.4	47806
1999 VM ₅₉	2003 08 09.1	21 14.30	+06 49.8	18.6	-0.78	-	2.7	9.2/15.5	31876
1995 UJ ₂₀	2003 08 09.1	21 14.32	-13 46.5	20.2	-0.89	-	3.8	0.8/09.7	30249
2002 AF ₁₀₅	2003 08 09.1	21 14.37	-24 47.6	19.7	-0.90	-	11.5	3.5/06.4	27395
1994 UA ₁₁	2003 08 09.1	21 14.39	-19 24.7	19.5	-1.07	-	2.5	1.7/08.4	47694
1998 FU ₅₅	2003 08 09.1	21 14.39	-21 22.8	19.5	-0.99	-	4.7	1.9/07.8	33765
1999 VU ₇₁	2003 08 09.1	21 14.43	-20 08.0	19.6	-0.84	-	4.0	1.4/08.1	33838
2002 GL ₁₃₂	2003 08 09.1	21 14.46	-20 28.4	18.5	-0.94	-	3.3	2.0/08.1	33989
2000 SO ₁₈₃	2003 08 09.1	21 14.47	-28 19.7	18.6	-1.15	-	4.5	5.4/06.1	30397
1993 FH ₈	2003 08 09.1	21 14.52	-34 47.9	19.3	-1.07	-	1.3	6.0/05.0	30243
2000 WP ₆₂	2003 08 09.1	21 14.57	-50 35.2	19.3	-1.20	-	4.5	11.4/29.1	31355
2002 ER ₁₁₁	2003 08 09.1	21 14.57	-24 59.0	20.3	-1.01	-	5.7	3.0/06.8	33972
2001 BR ₇₁	2003 08 09.2	21 14.54	-17 03.5	19.4	-0.84	-	5.8	0.4/08.9	35005
2001 BX ₂₉	2003 08 09.2	21 14.56	-18 53.1	18.8	-0.83	-	4.7	1.0/08.4	30447
2002 EW ₁₁₀	2003 08 09.2	21 14.57	-21 38.6	19.2	-0.97	-	6.8	2.1/07.7	30066
2001 CS ₂₆	2003 08 09.2	21 14.58	-18 15.1	19.8	-0.84	-	1.6	0.7/08.7	35008
2002 GF ₁₅₉	2003 08 09.2	21 14.58	-12 40.8	19.1	-0.80	-	3.3	1.2/10.1	48231
2002 CY ₁₆₆	2003 08 09.2	21 14.58	-23 03.3	19.7	-0.97	-	3.7	2.6/07.5	27536
1999 XQ ₆₄	2003 08 09.2	21 14.63	-38 05.1	19.9	-0.88	-	4.8	6.6/02.7	31882
1999 TZ ₂₄₀	2003 08 09.2	21 14.67	-10 48.5	18.8	-0.79	-	6.2	1.9/10.7	31289
2000 WE ₄₃	2003 08 09.2	21 14.69	-35 52.2	20.0	-1.01	-	6.0	6.6/03.5	30425
2002 JR ₄₁	2003 08 09.2	21 14.69	-12 19.1	18.8	-0.82	-	4.2	1.3/10.2	33565
2000 AK ₁₀₃	2003 08 09.2	21 14.73	-24 12.1	17.8	-0.80	-	6.8	2.6/06.8	31891
2000 AR ₃₄	2003 08 09.2	21 14.74	-15 54.0	18.0	-0.89	+	0.2	0.0/09.3	39569

1999 XP ₆₈	2003 08 09.2	21 14.75	-00 48.5	20.4	-0.74	- 2.5	4.1/13.1	11700
2000 SG ₂₃₁	2003 08 09.2	21 14.77	-23 06.2	18.1	-1.05	- 4.2	3.4/07.5	30400
1999 RP ₄₀	2003 08 09.2	21 14.89	+00 23.8	18.2	-0.78	-10.5	5.5/14.7	31858
2002 CN ₉₉	2003 08 09.2	21 14.90	-17 18.7	17.6	-0.88	- 8.3	0.6/08.9	30658
2000 QD ₁₀₈	2003 08 09.2	21 14.92	-16 34.9	19.5	-1.08	- 4.7	0.3/09.1	29245
2001 CO ₃₁	2003 08 09.2	21 14.92	-18 57.1	18.0	-0.83	- 2.8	1.1/08.5	29682
2000 TA ₄₁	2003 08 09.2	21 14.96	-31 55.9	18.5	-1.13	- 5.6	6.7/05.0	30409
2000 RN ₂₂	2003 08 09.2	21 14.98	-09 35.1	17.8	-1.00	- 1.9	3.2/10.7	47933
1999 BO ₆	2003 08 09.3	21 14.90	-21 22.5	18.0	-1.07	- 2.5	2.5/08.1	47764
2002 JM ₇₁	2003 08 09.3	21 14.96	-18 15.8	18.5	-0.78	- 5.7	0.7/08.7	32025
2002 CF ₃₅	2003 08 09.3	21 15.02	-41 58.6	17.2	-1.15	0.0	11.3/03.4	31966
2000 SQ ₃₄	2003 08 09.3	21 15.03	-17 58.5	18.1	-1.12	- 1.9	0.9/08.9	47942
2001 CF ₄₆	2003 08 09.3	21 15.05	-28 05.3	19.6	-0.80	- 7.8	3.2/05.6	14419
1999 XC ₁₈₁	2003 08 09.3	21 15.06	-06 41.1	17.8	-0.82	- 1.1	2.8/11.5	31886
2000 QH ₁₄₉	2003 08 09.3	21 15.10	-13 51.7	18.3	-1.04	- 3.5	1.0/09.8	47923
2000 SR ₂₆₂	2003 08 09.3	21 15.16	-26 03.9	18.4	-1.05	- 5.6	3.9/06.7	30402
2000 XH ₁₂	2003 08 09.3	21 15.16	-17 42.1	19.6	-0.88	- 2.6	0.5/08.9	34981
2000 VM ₂₃	2003 08 09.3	21 15.17	-14 35.4	19.8	-0.96	- 4.1	0.5/09.7	31347
2002 BM ₂₀	2003 08 09.3	21 15.19	-16 28.3	17.5	-1.06	-20.3	0.2/09.2	30633
2001 DV ₁₀₇	2003 08 09.3	21 15.19	+05 45.2	18.2	-0.91	+ 2.3	7.5/13.7	31941
2000 SW ₁₇₅	2003 08 09.3	21 15.24	-13 19.9	18.8	-1.02	- 2.2	1.0/10.0	47956
2000 RZ ₁₀₃	2003 08 09.3	21 15.29	-21 18.2	18.3	-1.13	- 1.1	2.3/08.3	29308
1999 XG ₂₃	2003 08 09.3	21 15.35	-32 01.7	18.2	-1.00	- 3.2	5.8/05.2	31881
2000 AC ₁₃₁	2003 08 09.4	21 15.30	-15 14.1	18.4	-0.79	- 4.2	0.2/09.6	47843
2002 CW ₁₇₃	2003 08 09.4	21 15.34	-13 33.3	18.5	-0.82	- 9.7	0.9/10.2	35159
1999 TL ₁₈₅	2003 08 09.4	21 15.39	-26 44.4	19.1	-0.88	- 1.5	2.9/06.9	13614
2001 DT ₁₀₄	2003 08 09.4	21 15.39	-14 13.2	19.2	-0.75	- 6.5	0.5/09.9	31404
2002 CQ ₂₁₈	2003 08 09.4	21 15.49	-20 26.3	18.2	-0.93	- 5.4	2.0/08.2	31458
2000 VD ₄₂	2003 08 09.4	21 15.50	-11 11.4	19.3	-0.97	- 3.7	1.9/10.6	47985
1999 TU ₁₀₄	2003 08 09.4	21 15.57	-13 57.0	18.8	-0.86	- 3.0	0.6/09.9	30321
1999 UV ₃	2003 08 09.4	21 15.58	-06 54.2	18.6	-0.86	- 3.8	3.8/11.7	1514
2000 UD ₅₀	2003 08 09.4	21 15.58	-21 51.5	19.2	-0.98	- 5.7	2.4/07.9	31919
2002 CD ₁₂₉	2003 08 09.4	21 15.64	-15 18.1	19.0	-0.94	- 2.6	0.3/09.6	48205
1995 UG ₆₆	2003 08 09.4	21 15.66	-18 22.3	19.9	-0.91	- 3.2	0.9/08.9	47699
2000 SE ₂₈₄	2003 08 09.4	21 15.68	-17 46.9	19.0	-1.10	- 2.3	0.8/09.1	27722
1999 VL ₉₇	2003 08 09.4	21 15.70	-20 22.2	18.9	-0.85	- 3.7	1.5/08.3	31877
2000 RD ₃₇	2003 08 09.4	21 15.72	-32 57.8	19.0	-1.52	+ 4.4	6.7/07.1	30380
2000 SJ ₁₁₈	2003 08 09.4	21 15.75	-25 31.2	18.1	-1.09	- 4.3	4.2/07.1	31334
2000 WA ₁₁₃	2003 08 09.4	21 15.76	-29 28.4	18.7	-1.08	- 3.6	5.6/06.1	31925
1999 RN ₂₁₁	2003 08 09.5	21 15.67	-13 37.5	17.9	-0.87	+ 2.1	1.3/09.9	<i>40373</i>
1999 PL	2003 08 09.5	21 15.67	+07 53.9	18.4	-1.00	+ 2.6	10.4/13.5	<i>37290</i>
2000 WO ₁₇₃	2003 08 09.5	21 15.68	+10 53.9	18.5	-0.87	- 0.8	8.9/16.1	41676
2000 RZ ₃₃	2003 08 09.5	21 15.69	-17 49.6	17.3	-0.98	- 2.1	1.0/09.1	29282
1999 VQ ₂₉	2003 08 09.5	21 15.77	-07 37.6	19.1	-0.77	- 3.3	2.5/11.7	33837
2000 AC ₅₂	2003 08 09.5	21 15.77	-07 11.0	18.0	-0.94	0.0	3.6/11.3	47840
2000 XB ₁₀	2003 08 09.5	21 15.78	-45 05.0	18.4	-0.97	- 6.5	9.0/31.2	31928
1999 RV ₂₁	2003 08 09.5	21 15.80	-12 07.8	17.3	-0.70	- 8.5	1.9/10.7	<i>40356</i>
2002 ES ₂₈	2003 08 09.5	21 15.86	-10 31.4	20.8	-0.86	- 6.9	1.9/11.1	48217
1999 TO ₁₁₃	2003 08 09.5	21 15.90	-11 58.7	18.0	-0.87	- 3.1	1.5/10.5	30321
2002 AX ₁₂₈	2003 08 09.5	21 15.91	-22 32.6	18.2	-0.80	- 7.0	2.3/07.6	31963
2000 YU ₁₂₅	2003 08 09.5	21 15.93	-24 44.5	18.3	-0.93	- 1.0	2.9/07.6	31933

2000 VZ ₉	2003 08 09.5	21 15.94	-22 52.8	19.1	-1.02	- 4.6	2.6/07.8	31347
1999 VE ₈₄	2003 08 09.5	21 15.94	-05 00.7	19.4	-0.82	- 5.5	3.9/12.6	31876
2001 AW	2003 08 09.5	21 15.99	-17 33.4	19.9	-0.80	- 3.4	0.5/09.1	31933
2002 CZ ₂₃₃	2003 08 09.5	21 16.00	-05 53.5	18.3	-0.91	- 5.7	4.0/12.3	29881
2002 AS ₁₁₉	2003 08 09.5	21 16.01	-18 21.3	19.9	-1.04	- 3.7	0.9/09.0	27401
2002 CP ₂₃₂	2003 08 09.5	21 16.08	-20 04.4	20.8	-0.95	- 4.7	1.5/08.5	48211
2000 WO ₉₃	2003 08 09.5	21 16.10	-16 18.5	20.2	-0.93	- 3.9	0.2/09.5	33315
2002 JG ₁₁	2003 08 09.5	21 16.11	-26 50.1	18.8	-0.80	- 3.9	3.4/06.6	32015
2000 AB ₈₀	2003 08 09.6	21 16.04	+03 40.6	18.2	-0.77	- 1.1	5.6/14.4	15056
2000 YW ₁₃₁	2003 08 09.6	21 16.13	-23 24.0	18.6	-0.78	- 6.9	2.4/07.4	31933
1999 RB ₂₇	2003 08 09.6	21 16.17	-12 18.5	18.6	-0.84	- 6.0	1.5/10.6	30305
2002 GG ₁₀₂	2003 08 09.6	21 16.18	-20 06.3	19.2	-0.82	- 7.5	1.6/08.4	48230
1999 TT ₂₁₉	2003 08 09.6	21 16.22	-23 24.4	18.2	-1.00	+ 0.1	3.1/08.1	47811
2001 BU ₇₃	2003 08 09.6	21 16.24	-14 34.9	19.3	-0.83	- 6.0	0.5/10.0	10733
2001 DM ₇₉	2003 08 09.6	21 16.24	-06 03.9	19.5	-0.79	- 2.0	2.9/12.0	48013
3075 T-2	2003 08 09.6	21 16.26	-18 31.7	20.5	-0.99	- 4.8	1.0/09.0	48390
2002 CU ₂₄₇	2003 08 09.6	21 16.26	-17 02.6	19.4	-0.99	- 3.7	0.4/09.4	29900
2002 CX ₉₆	2003 08 09.6	21 16.27	-22 29.2	19.5	-0.99	- 2.7	2.8/08.1	48203
1996 RM ₁₆	2003 08 09.6	21 16.31	-18 41.0	19.0	-1.00	- 3.0	1.2/09.0	28952
1999 RF ₂₁₄	2003 08 09.6	21 16.33	-13 58.3	19.8	-0.87	- 4.1	0.7/10.1	30314
2000 AC ₁₈₇	2003 08 09.6	21 16.40	-24 21.6	19.0	-0.84	- 7.9	2.7/07.1	47844
2002 CZ ₈₈	2003 08 09.6	21 16.40	-19 43.0	19.7	-1.08	- 1.8	1.7/08.8	30655
2001 YQ ₁₉	2003 08 09.6	21 16.42	-09 45.5	18.4	-1.04	- 2.1	2.7/11.0	48176
1999 RT ₁₃₁	2003 08 09.6	21 16.45	-11 19.1	18.2	-0.98	- 1.0	1.6/10.7	33821
2002 AK ₁₃₁	2003 08 09.6	21 16.47	-20 32.0	18.8	-1.09	-22.0	2.1/08.0	30620
2000 TZ ₁₇	2003 08 09.6	21 16.48	-19 49.9	18.0	-1.00	- 4.1	1.5/08.7	27728
1999 TA ₁₉₂	2003 08 09.6	21 16.53	-28 46.4	17.9	-1.09	+ 1.4	5.4/07.1	2668
1999 RN ₁₁₈	2003 08 09.7	21 16.50	-11 59.2	18.0	-0.91	- 1.8	1.8/10.6	26911
2002 BJ ₁	2003 08 09.7	21 16.60	-23 11.5	19.7	-0.98	- 6.4	2.7/07.8	30629
2002 CT ₁₀₅	2003 08 09.7	21 16.70	-15 38.8	19.9	-0.95	- 5.5	0.1/09.8	30660
1994 EN ₄	2003 08 09.7	21 16.74	-09 38.6	18.4	-0.82	- 6.9	2.7/11.6	47691
1999 RW ₁₇₀	2003 08 09.7	21 16.76	-12 43.6	18.7	-0.86	- 6.3	1.3/10.6	1103
2001 DP ₅₀	2003 08 09.7	21 16.78	-27 34.1	19.3	-0.89	- 7.4	3.9/06.2	33374
2000 SR ₁₀₅	2003 08 09.7	21 16.80	-12 51.7	19.8	-1.00	- 4.6	1.1/10.5	29340
2001 TV ₁₂	2003 08 09.7	21 16.80	-59 01.4	19.3	-1.61	-10.2	19.5/23.0	27774
2002 GJ ₈₄	2003 08 09.7	21 16.82	-20 50.3	19.5	-0.79	- 5.9	1.7/08.4	48229
2002 JC ₁₅	2003 08 09.7	21 16.84	-26 49.2	18.9	-0.92	- 4.8	4.0/06.8	31628
1998 HZ ₃₈	2003 08 09.7	21 16.85	+06 43.1	17.3	-0.80	- 5.7	8.9/16.7	30268
1999 VC ₇₀	2003 08 09.7	21 16.88	-13 31.2	19.4	-0.83	- 4.2	0.8/10.4	47821
1997 BH ₆	2003 08 09.8	21 16.81	-13 25.7	18.5	-0.82	- 6.0	1.0/10.5	35442
2002 FW ₁₂	2003 08 09.8	21 16.82	-18 07.6	19.4	-0.92	- 4.4	0.8/09.2	38334
2000 SB ₂₀	2003 08 09.8	21 16.85	-15 32.4	19.2	-1.06	- 2.5	0.1/09.9	33251
2002 HC ₄	2003 08 09.8	21 16.86	-24 17.7	18.6	-0.82	- 6.8	2.7/07.3	32011
2000 SX ₃₂₇	2003 08 09.8	21 16.87	-24 52.8	18.6	-1.04	- 5.7	3.7/07.4	30406
2001 DW ₅₁	2003 08 09.8	21 17.11	-32 26.6	17.9	-0.86	- 4.1	5.6/05.2	31940
2002 EP ₅₂	2003 08 09.8	21 17.13	-26 00.3	19.1	-1.05	- 2.0	4.6/07.5	29995
1999 TE ₁₀₇	2003 08 09.8	21 17.15	-02 12.2	17.8	-0.95	- 0.4	4.8/12.8	13612
2002 GM ₁₆₄	2003 08 09.8	21 17.17	+03 32.1	19.7	-0.80	- 5.8	6.9/15.6	33557
1999 VT ₂₁	2003 08 09.8	21 17.21	-20 20.4	17.2	-0.73	- 6.6	2.2/08.5	1521
1999 TD ₂₅₉	2003 08 09.8	21 17.21	+07 18.9	18.7	-0.71	- 7.6	9.7/17.7	31290
2002 JM ₆₀	2003 08 09.8	21 17.22	-12 59.9	19.5	-0.74	- 5.0	0.9/10.7	48234

2003 AUG. 6

M.P.C. 49337

2002 GZ ₆	2003 08 09.8	21 17.22	-14 37.1	18.8	-0.85	-10.7	0.4/10.3	48226
2000 SD ₁₆₉	2003 08 09.8	21 17.25	-05 34.3	18.9	-1.02	- 1.6	4.8/12.0	47955
1999 TZ ₁₁₃	2003 08 09.8	21 17.25	+06 07.0	19.1	-0.78	- 6.1	8.5/16.4	1486
1999 WQ ₈	2003 08 09.9	21 17.18	-26 53.0	18.4	-0.82	- 6.3	3.7/06.6	33842
2000 XV ₂	2003 08 09.9	21 17.21	-25 07.4	18.7	-1.13	- 0.5	3.6/08.0	30434
2000 TB ₆₆	2003 08 09.9	21 17.23	-28 17.9	18.7	-1.09	- 2.6	5.0/07.0	30410
2000 XS ₁₈	2003 08 09.9	21 17.27	-20 48.0	21.2	-1.13	- 2.1	1.9/08.8	18306
2000 VW ₂₅	2003 08 09.9	21 17.28	-27 46.9	19.3	-1.09	- 3.7	4.9/06.9	31348
2002 CJ ₂₀₀	2003 08 09.9	21 17.30	-18 43.2	18.8	-0.86	- 6.3	1.4/09.1	48209
1999 JV ₆₃	2003 08 09.9	21 17.31	-11 03.8	17.9	-0.86	- 7.3	2.1/11.3	33810
2000 RL ₄₇	2003 08 09.9	21 17.35	-20 40.4	19.2	-1.10	- 2.1	2.0/08.8	47935
2002 GG ₁₇₀	2003 08 09.9	21 17.41	-22 28.1	20.0	-0.92	- 3.5	2.3/08.3	35187
2001 BL ₁₁	2003 08 09.9	21 17.41	-38 46.8	20.2	-1.06	- 2.9	7.1/03.8	11031
2002 CS ₁₁₁	2003 08 09.9	21 17.46	-51 07.9	20.1	-1.60	+ 3.7	11.9/03.5	30661
1998 FT ₁₂₉	2003 08 09.9	21 17.48	-20 16.9	20.3	-0.97	- 4.6	1.5/08.8	30266
1996 XE ₆	2003 08 09.9	21 17.49	-01 22.0	18.0	-0.96	- 0.8	5.1/13.1	31808
2001 FA ₁₁₁	2003 08 09.9	21 17.56	-08 58.2	20.2	-0.71	- 3.8	1.9/11.8	48024
5077 T-2	2003 08 09.9	21 17.57	-11 52.8	18.4	-0.98	- 1.0	1.8/10.8	48391
2000 VX ₄₆	2003 08 09.9	21 17.57	-17 31.2	18.1	-1.04	- 2.0	0.8/09.6	30421
1998 SM ₂₆	2003 08 09.9	21 17.58	-15 51.4	18.9	-0.81	- 3.3	0.0/10.0	47743
2000 SP ₁₂₄	2003 08 09.9	21 17.62	-12 15.7	20.6	-0.99	- 6.4	1.6/10.9	47951
1999 SJ ₁₅	2003 08 09.9	21 17.64	-00 23.0	18.0	-1.00	+ 1.5	6.4/12.8	1470
1999 SP ₃	2003 08 09.9	21 17.66	+09 38.5	16.8	-1.51	+16.5	12.8/09.3	39551
2000 YV ₇₉	2003 08 10.0	21 17.57	-18 43.2	19.8	-0.97	- 5.9	1.1/09.2	11017
1995 YG ₂₃	2003 08 10.0	21 17.58	-24 40.3	19.1	-0.86	- 6.2	2.6/07.4	13545
2000 SR ₁₄₈	2003 08 10.0	21 17.58	-19 55.5	17.9	-0.98	- 2.1	2.2/09.0	47953
1999 XS ₂₂₉	2003 08 10.0	21 17.59	-21 18.9	17.4	-0.98	+ 0.2	2.3/08.8	30343
2001 CG ₂₅	2003 08 10.0	21 17.61	-23 37.8	18.8	-0.86	- 5.7	2.8/07.8	31938
1999 TQ ₂₇₃	2003 08 10.0	21 17.62	+05 59.7	17.9	-0.92	+ 1.2	9.2/14.5	2673
1995 SP ₁₄	2003 08 10.0	21 17.64	-20 03.5	19.3	-0.97	- 2.3	1.5/09.0	31218
1999 LR ₃₂	2003 08 10.0	21 17.74	-21 18.5	18.8	-0.92	- 4.8	2.7/08.6	47784
1993 TB ₁₄	2003 08 10.0	21 17.75	-20 05.7	18.5	-0.91	- 4.2	2.3/08.9	47689
1999 TJ ₅₂	2003 08 10.0	21 17.76	-06 48.8	18.4	-0.82	- 3.9	3.3/12.4	30319
2000 TU ₈	2003 08 10.0	21 17.76	-19 08.9	19.9	-1.02	- 3.9	1.2/09.2	31340
1981 DR ₃	2003 08 10.0	21 17.90	-07 56.7	17.5	-0.98	- 0.6	3.2/11.7	12102
2002 AM ₁₀₇	2003 08 10.0	21 17.93	-17 11.9	18.6	-1.03	- 3.7	0.6/09.7	35569
2295 T-2	2003 08 10.0	21 17.93	-17 48.9	19.4	-1.05	- 3.8	1.0/09.6	8355
2000 SG ₁₂₅	2003 08 10.0	21 17.96	-26 48.8	18.1	-1.00	- 5.6	4.1/07.1	31915
2002 GP ₁₆	2003 08 10.0	21 18.00	-63 53.6	17.8	-1.94	+ 3.2	17.7/26.5	31992
1999 JW ₁₁₄	2003 08 10.0	21 18.01	-05 26.9	16.7	-0.96	- 1.6	4.8/12.4	30299
2000 WN ₁₅	2003 08 10.0	21 18.02	-26 14.0	18.7	-1.04	- 6.2	4.3/07.2	9868
2002 HJ ₁₃	2003 08 10.1	21 17.94	-38 58.4	18.3	-0.89	- 8.9	7.0/02.4	31610
2000 SX ₂₄₃	2003 08 10.1	21 17.95	-17 42.3	18.7	-1.00	- 7.2	0.8/09.6	47962
2001 AL ₂₂	2003 08 10.1	21 17.97	-19 32.6	19.8	-0.92	- 4.2	1.4/09.1	31934
2000 VS ₃₀	2003 08 10.1	21 17.99	-28 21.9	18.0	-1.01	- 7.5	5.7/06.3	9862
2002 LU	2003 08 10.1	21 18.00	-11 56.9	17.9	-0.81	-12.0	1.3/11.4	32035
1999 JU ₄₁	2003 08 10.1	21 18.06	-19 51.9	19.5	-0.99	- 5.7	1.8/09.0	40016
1999 RM ₁₆₁	2003 08 10.1	21 18.07	-20 40.6	18.2	-1.10	+ 1.1	1.9/09.2	47794
2002 AA ₁₆₆	2003 08 10.1	21 18.08	-11 20.2	19.0	-0.97	- 4.3	1.7/11.2	30625
2002 GG ₁₁	2003 08 10.1	21 18.24	+00 57.5	19.5	-0.78	- 7.1	6.1/15.3	31500
1999 JP ₅₈	2003 08 10.1	21 18.28	-05 34.6	18.1	-0.96	- 4.5	4.1/12.8	30296

2000 VB ₅₅	2003 08 10.1	21 18.28	-17 58.9	19.2	-0.97	- 3.8	0.8/09.6	30422
2002 EN ₂₆	2003 08 10.1	21 18.34	-07 19.7	19.1	-0.95	- 4.4	3.3/12.3	31977
2000 UK ₁₀	2003 08 10.1	21 18.38	-28 24.4	17.5	-1.12	- 5.8	5.9/06.7	31918
1999 SP ₁₀	2003 08 10.1	21 18.42	-50 10.9	17.8	-1.08	- 3.5	15.2/28.5	1469
2002 CM ₁₀₉	2003 08 10.2	21 18.34	-14 11.5	19.8	-0.86	- 6.3	0.6/10.6	48204
2000 YD ₁₁₁	2003 08 10.2	21 18.35	-15 59.7	18.3	-0.99	- 3.4	0.1/10.1	12265
2002 CE ₉₀	2003 08 10.2	21 18.37	-19 06.7	20.1	-1.12	- 2.0	1.4/09.5	29805
2000 AB ₁₄₉	2003 08 10.2	21 18.38	-24 38.5	17.7	-0.75	- 7.0	2.5/07.5	47843
2002 AP ₁₁₆	2003 08 10.2	21 18.43	-15 36.5	18.6	-1.02	- 3.8	0.0/10.2	27809
1998 KX ₇	2003 08 10.2	21 18.45	-33 40.2	19.7	-0.97	- 5.1	6.1/05.3	47731
2002 CZ ₂₃₆	2003 08 10.2	21 18.45	-10 33.1	19.9	-0.94	- 4.7	1.8/11.6	30688
1999 TV ₈₇	2003 08 10.2	21 18.46	-31 41.0	20.2	-0.89	- 4.4	5.1/05.7	47804
1999 TH ₁₂₉	2003 08 10.2	21 18.51	-16 53.4	19.3	-0.90	- 3.2	0.5/09.9	47807
2001 CH ₁	2003 08 10.2	21 18.57	-19 49.3	18.9	-0.83	- 6.8	1.3/09.0	31937
1999 WG ₁₇	2003 08 10.2	21 18.58	-27 51.5	20.7	-0.93	- 3.6	3.8/07.1	13020
2001 DF ₁₉	2003 08 10.2	21 18.58	-25 05.5	19.2	-0.81	- 5.9	2.8/07.5	31939
2002 AJ ₁₅₂	2003 08 10.2	21 18.59	-18 50.8	19.8	-1.01	- 3.8	1.2/09.5	30622
2000 TD ₁₂	2003 08 10.2	21 18.61	-20 22.6	19.2	-1.03	- 3.9	2.1/09.1	27727
1997 AK ₂₂	2003 08 10.2	21 18.62	-22 28.0	18.4	-0.85	- 8.8	2.4/08.2	47708
2002 CD ₅₁	2003 08 10.2	21 18.62	-17 39.4	20.4	-1.01	- 3.9	0.7/09.8	30646
2001 DT ₄₉	2003 08 10.2	21 18.64	-31 18.6	19.5	-0.91	- 2.2	4.9/06.3	48011
1998 RA ₅₄	2003 08 10.2	21 18.65	-00 34.6	19.2	-0.73	- 4.7	5.2/14.6	47740
2001 BS ₇₀	2003 08 10.2	21 18.71	-09 24.5	20.4	-0.75	- 3.2	1.6/12.0	35005
1999 TC ₅₀	2003 08 10.2	21 18.72	-10 25.0	19.7	-0.81	- 5.1	1.7/11.7	2114
1993 TT ₃₁	2003 08 10.2	21 18.73	-14 31.9	17.5	-0.81	- 6.6	0.6/10.6	27580
2002 AB ₁₄	2003 08 10.2	21 18.79	-21 19.6	18.9	-1.02	- 5.1	2.1/08.8	30605
1998 PY	2003 08 10.3	21 18.72	-20 18.1	19.7	-1.17	+ 4.6	1.9/09.6	6807
1999 RQ ₂₂₅	2003 08 10.3	21 18.73	-12 34.9	18.5	-0.84	- 5.1	1.1/11.1	30315
2001 AK ₄₆	2003 08 10.3	21 18.74	-53 43.6	20.6	-1.15	- 2.4	9.6/29.9	31935
2002 EL ₈	2003 08 10.3	21 18.77	-13 50.7	19.9	-0.97	- 6.2	0.8/10.8	33969
2001 BP ₇₁	2003 08 10.3	21 18.88	-17 07.5	19.3	-0.81	- 2.9	0.5/10.0	48008
2002 EP ₅₆	2003 08 10.3	21 18.89	-04 01.4	18.1	-0.79	- 6.7	5.9/13.8	29997
1999 TZ ₁₆₅	2003 08 10.3	21 18.89	-15 00.4	19.3	-0.92	- 2.2	0.3/10.5	10448
2002 AZ ₆₀	2003 08 10.3	21 18.90	-18 44.1	18.1	-1.07	-22.0	1.4/09.2	30610
1999 YZ ₁	2003 08 10.3	21 18.94	-20 11.7	20.0	-0.84	- 4.1	1.5/09.2	33852
1999 RF ₁₉₁	2003 08 10.3	21 18.95	-26 15.0	17.7	-1.03	- 3.8	4.5/07.6	30313
2000 UY ₇	2003 08 10.3	21 19.03	-06 33.4	18.6	-0.92	- 5.4	3.5/12.8	47975
1999 XB ₁₂₅	2003 08 10.3	21 19.03	-09 40.8	17.1	-0.93	+ 1.3	2.7/11.5	1555
2002 EJ ₁₁₀	2003 08 10.3	21 19.06	-19 26.0	19.1	-0.84	- 6.5	1.5/09.3	48222
2002 CY ₁₄	2003 08 10.3	21 19.07	-16 30.7	18.8	-0.98	- 3.6	0.4/10.2	30638
1999 JC ₆	2003 08 10.3	21 19.08	-26 40.3	18.6	-1.14	- 2.2	4.7/07.9	35468
1998 DL ₃₅	2003 08 10.3	21 19.08	-16 22.9	19.4	-0.97	- 3.6	0.3/10.2	30261
2001 AN ₃₅	2003 08 10.4	21 19.11	-29 49.8	19.5	-0.96	- 3.1	4.5/06.8	12270
2001 BJ ₉	2003 08 10.4	21 19.15	-21 14.7	18.7	-1.13	+ 0.5	2.1/09.3	15094
2002 GB ₁₆	2003 08 10.4	21 19.21	-29 47.0	18.2	-0.99	- 1.3	5.5/07.2	35575
2002 CB ₇₂	2003 08 10.4	21 19.25	-20 22.5	19.7	-1.18	+ 1.9	1.8/09.6	29796
1999 XU ₂₂	2003 08 10.4	21 19.28	-32 13.8	19.5	-0.98	- 4.8	5.3/05.7	40406
2002 CM ₁₀₁	2003 08 10.4	21 19.38	-21 16.9	17.5	-0.91	- 5.2	2.6/08.9	30659
2000 YW ₁₁₃	2003 08 10.4	21 19.41	-12 18.5	17.0	-0.99	- 0.2	1.7/11.2	48002
2002 JA ₉₇	2003 08 10.4	21 19.41	-14 24.1	18.2	-0.72	- 8.3	0.4/10.9	31727
2001 CU ₄₅	2003 08 10.4	21 19.42	-28 41.5	17.6	-0.77	- 8.6	3.8/06.2	31939

1999 RQ ₉₁	2003 08 10.4	21 19.43	-31 26.7	19.2	-1.05	- 1.4	5.3/06.7	35476
1999 TG ₁₁₀	2003 08 10.4	21 19.44	-03 58.6	19.1	-0.83	- 4.8	4.7/13.7	47806
1998 FT ₁₃₁	2003 08 10.4	21 19.49	-12 53.7	18.5	-0.95	- 7.9	1.0/11.3	47728
1995 FV ₄	2003 08 10.4	21 19.51	-22 50.1	20.1	-0.80	- 2.9	2.0/08.6	47695
2002 AX ₁₇₈	2003 08 10.5	21 19.53	-16 40.6	19.7	-1.09	- 0.2	0.4/10.3	30627
2000 AF ₈₂	2003 08 10.5	21 19.58	-04 19.9	18.9	-0.77	- 2.8	3.4/13.4	33855
1999 JT ₈₅	2003 08 10.5	21 19.60	-11 24.9	18.6	-0.95	- 6.7	1.7/11.7	33811
2002 ES ₉₁	2003 08 10.5	21 19.61	-08 48.1	19.3	-0.88	- 3.8	2.3/12.3	31981
2001 FL ₆₄	2003 08 10.5	21 19.64	-08 13.0	20.3	-0.71	- 5.3	2.0/12.7	13833
2002 JK ₈₄	2003 08 10.5	21 19.66	-10 41.2	19.2	-0.86	- 3.3	1.7/11.8	31719
2002 CP ₂₄	2003 08 10.5	21 19.67	-07 08.4	21.0	-0.90	- 5.9	2.7/12.9	48198
2002 CS ₁₀₂	2003 08 10.5	21 19.68	-24 12.3	19.8	-1.06	- 1.7	3.2/08.6	29815
1999 XJ ₅₂	2003 08 10.5	21 19.69	+01 36.4	19.2	-0.76	- 2.2	5.0/15.1	47830
2002 EJ ₁₂	2003 08 10.5	21 19.85	-11 32.2	19.9	-0.87	- 4.8	1.3/11.7	48216
2001 FG ₁₉₄	2003 08 10.5	21 19.85	-33 14.3	19.6	-0.80	- 5.1	4.4/05.4	23619
2000 SL ₇₂	2003 08 10.5	21 19.88	-26 52.5	18.1	-1.04	- 6.1	5.6/07.4	13749
1999 UG ₅₁	2003 08 10.5	21 19.89	-27 16.4	17.8	-0.85	- 7.8	5.1/06.9	2679
1981 ED ₃₀	2003 08 10.5	21 19.90	-04 11.8	19.7	-0.70	- 2.1	3.0/13.5	12102
1999 RR ₁₉₉	2003 08 10.5	21 19.91	-01 12.0	17.9	-0.90	- 1.6	5.1/14.0	31862
2001 XN ₁₉₉	2003 08 10.5	21 19.91	-26 10.2	19.8	-1.09	- 4.7	4.1/07.9	48171
2002 GQ ₃₄	2003 08 10.5	21 19.91	-20 11.4	20.0	-1.02	- 5.2	1.7/09.4	33978
1999 RL ₇₃	2003 08 10.5	21 19.94	-20 50.0	17.5	-1.15	+ 2.2	2.5/09.7	47789
2000 YA ₂₆	2003 08 10.6	21 19.86	-27 12.6	19.5	-0.89	- 4.5	3.5/07.5	31929
1994 FE	2003 08 10.6	21 19.91	-06 31.3	18.9	-0.82	-11.1	3.3/13.6	30246
2002 BW ₁	2003 08 10.6	21 19.92	-10 24.6	19.3	-0.92	- 5.4	2.0/12.0	48195
2002 AY ₆	2003 08 10.6	21 19.98	+05 11.4	17.9	-1.02	- 1.3	8.5/15.8	33957
1999 XW ₄₉	2003 08 10.6	21 19.98	-20 10.7	18.7	-0.83	- 3.9	1.6/09.4	30339
2000 UE ₁₅	2003 08 10.6	21 19.99	-08 02.3	18.2	-1.01	- 2.6	3.4/12.0	30412
1999 VN ₇₇	2003 08 10.6	21 20.00	-02 42.4	19.0	-0.79	- 2.5	3.9/13.9	47821
1999 UB ₅₈	2003 08 10.6	21 20.03	-26 03.4	19.7	-0.88	- 3.1	3.6/08.0	29162
2001 DC ₃₂	2003 08 10.6	21 20.04	-26 40.3	19.9	-0.84	- 2.1	3.3/07.9	48011
2000 SD ₃₇	2003 08 10.6	21 20.10	-13 36.2	18.8	-0.98	- 7.2	0.8/11.2	47943
2000 GT ₈₁	2003 08 10.6	21 20.14	-62 38.9	18.9	-2.21	+ 4.8	22.7/31.1	25777
2002 JQ ₁₄₁	2003 08 10.6	21 20.17	-31 30.1	20.8	-0.89	- 2.8	5.5/06.5	48237
2000 SL ₂₁	2003 08 10.6	21 20.19	-21 10.6	19.4	-1.09	- 3.4	2.3/09.3	47941
2001 FA ₃	2003 08 10.6	21 20.19	-10 18.5	17.4	-0.74	- 7.2	1.8/12.3	12311
2000 YB ₁₁₅	2003 08 10.6	21 20.19	-01 29.1	18.2	-0.87	- 1.8	4.7/14.0	11020
2000 WG ₈₇	2003 08 10.6	21 20.19	-03 35.8	19.5	-0.95	- 0.9	4.2/13.3	13797
2002 JL ₇₈	2003 08 10.6	21 20.20	-10 54.5	18.9	-0.83	- 4.0	1.7/11.9	32026
1999 VD ₄	2003 08 10.6	21 20.21	-26 38.8	19.2	-1.07	- 5.7	4.6/07.6	40388
2002 CA ₂₄₂	2003 08 10.6	21 20.24	-13 36.8	20.4	-0.98	- 3.8	0.7/11.2	30689
1999 JJ ₃₀	2003 08 10.6	21 20.25	+01 37.1	18.2	-0.95	- 4.4	7.0/15.3	33809
1999 TL ₂₇₀	2003 08 10.6	21 20.26	+09 45.0	18.4	-0.86	- 1.2	11.2/16.6	2673
2000 SU ₁₄₆	2003 08 10.6	21 20.30	-17 27.3	18.8	-1.02	- 3.9	0.7/10.2	30395
2000 SR ₂₈₉	2003 08 10.6	21 20.32	-18 54.3	17.7	-1.11	- 1.7	1.4/10.0	30404
1998 QA ₃₁	2003 08 10.7	21 20.23	-18 38.3	17.6	-0.87	- 1.5	1.0/10.0	47734
4302 T-2	2003 08 10.7	21 20.25	-19 43.2	19.2	-0.99	- 4.9	1.6/09.6	10817
3075 P-L	2003 08 10.7	21 20.30	-13 54.7	17.9	-0.89	- 0.2	0.6/11.1	30771
1993 FM ₄₇	2003 08 10.7	21 20.34	-24 50.2	19.7	-0.95	- 1.9	3.7/08.5	35435
1995 WF ₁₃	2003 08 10.7	21 20.40	-10 20.0	20.6	-0.83	- 5.4	1.9/12.2	36518
2002 CU ₉₈	2003 08 10.7	21 20.40	-21 25.8	19.7	-0.97	- 3.3	2.1/09.3	29812

2000 UP ₈₃	2003 08 10.7	21 20.43	-13 37.9	18.1	-0.99	- 4.1	0.8/11.2	27738
1999 NX ₄₅	2003 08 10.7	21 20.46	-10 51.2	18.4	-0.79	- 9.1	2.1/12.2	47785
2002 GC ₂	2003 08 10.7	21 20.46	-49 09.0	20.1	-1.29	- 3.8	10.1/01.1	30733
2000 VY ₂₂	2003 08 10.7	21 20.48	-19 26.6	17.9	-0.99	- 4.0	1.6/09.8	30420
2000 UM ₃₃	2003 08 10.7	21 20.49	-16 56.2	20.0	-0.98	- 3.8	0.5/10.4	47977
2002 CT ₁₂₆	2003 08 10.7	21 20.55	-12 30.0	19.3	-0.94	- 7.5	1.4/11.6	29834
1998 SB ₈₁	2003 08 10.7	21 20.56	-02 47.2	18.8	-0.72	- 5.4	4.4/14.5	31833
1999 VT ₁₆₃	2003 08 10.7	21 20.59	-18 19.4	19.4	-0.83	- 3.4	0.9/10.1	33840
2000 YS ₁₂₆	2003 08 10.7	21 20.63	-20 16.7	19.6	-1.00	- 3.1	1.6/09.6	13802
1999 RG ₃₉	2003 08 10.8	21 20.60	-17 53.0	18.2	-1.11	+ 0.9	1.0/10.3	40359
2002 CV ₁₅	2003 08 10.8	21 20.63	-12 57.0	19.2	-0.95	- 5.4	1.0/11.5	48198
2000 VX ₇	2003 08 10.8	21 20.64	-18 01.7	17.6	-0.99	- 3.5	1.1/10.2	47983
2001 BR ₆₂	2003 08 10.8	21 20.67	-11 53.9	18.9	-0.79	- 6.3	1.1/11.9	31937
1999 XZ ₁₅₀	2003 08 10.8	21 20.74	-40 23.1	17.9	-1.09	- 6.4	9.5/02.6	31885
2002 EE ₇₃	2003 08 10.8	21 20.76	-10 43.8	19.4	-0.88	- 4.2	1.7/12.1	31979
2002 GX ₁₁	2003 08 10.8	21 20.77	-20 48.3	20.0	-0.88	- 4.7	1.7/09.4	48226
1999 WP ₆	2003 08 10.8	21 20.81	-23 13.9	19.6	-0.77	- 4.4	2.1/08.7	11680
2000 AZ ₁₉₉	2003 08 10.8	21 20.82	-06 24.9	18.4	-0.80	- 7.9	3.2/13.6	31894
2001 AC ₁₈	2003 08 10.8	21 20.82	-10 24.2	20.3	-0.68	- 5.8	1.2/12.4	13804
2002 JY ₁₂₅	2003 08 10.8	21 20.85	-18 41.3	19.5	-0.83	- 5.6	1.1/10.0	33580
2000 UR ₁₀₀	2003 08 10.8	21 20.93	-05 39.5	18.6	-0.99	- 2.6	4.1/13.2	9856
2000 EB ₄₃	2003 08 10.8	21 20.93	-19 49.2	20.0	-0.64	- 2.4	0.9/09.7	31902
2000 CU ₁₃	2003 08 10.8	21 20.99	-07 27.7	19.0	-0.78	- 3.0	2.5/12.9	3506
2001 CT ₂₂	2003 08 10.8	21 21.00	-18 47.1	19.1	-0.81	- 4.5	1.1/10.0	31938
2001 FR ₁₆₃	2003 08 10.9	21 21.01	-19 20.6	18.7	-0.74	- 6.3	1.1/09.8	33907
2002 CT ₆₀	2003 08 10.9	21 21.02	-29 29.1	19.3	-1.05	- 5.8	6.1/07.1	48201
2002 EV ₈₆	2003 08 10.9	21 21.02	-17 44.4	19.0	-0.89	- 4.9	0.8/10.3	30717
1999 RX ₈	2003 08 10.9	21 21.05	-17 01.7	19.3	-0.94	- 4.4	0.6/10.5	12149
2000 AV ₃	2003 08 10.9	21 21.08	+16 36.9	17.0	-1.23	+17.1	17.4/10.0	46391
1998 EH ₂	2003 08 10.9	21 21.15	-24 23.3	18.1	-0.99	- 3.4	3.3/08.7	30261
2002 LF ₇	2003 08 10.9	21 21.18	-07 44.9	19.8	-0.79	- 5.2	2.3/13.1	34012
2000 SD ₂₉₉	2003 08 10.9	21 21.18	-10 16.7	18.8	-1.02	- 3.3	2.3/12.0	47966
2001 BV ₄₅	2003 08 10.9	21 21.19	-02 05.0	19.3	-0.84	- 5.4	4.6/14.7	33893
2002 GR ₇₀	2003 08 10.9	21 21.20	-43 28.0	18.1	-0.94	- 2.6	11.4/02.0	48228
1998 FA ₆₄	2003 08 10.9	21 21.35	-07 59.1	18.9	-0.86	- 6.5	2.5/13.1	31813
2000 UW ₁₁₂	2003 08 10.9	21 21.40	-33 05.5	19.6	-0.97	- 3.9	5.7/06.4	31920
1999 XX ₃₇	2003 08 10.9	21 21.40	-14 32.6	19.5	-0.73	- 3.6	0.2/11.2	31882
1996 PV ₂	2003 08 10.9	21 21.45	-08 17.9	17.1	-1.52	+11.2	3.7/12.0	27585
2002 EL ₉₂	2003 08 11.0	21 21.39	-03 22.0	20.7	-0.89	- 7.0	4.1/14.5	30719
1999 XV ₂₀	2003 08 11.0	21 21.42	-10 45.2	18.5	-0.91	- 3.5	2.0/12.0	2695
2002 KV ₁	2003 08 11.0	21 21.42	-16 47.4	18.4	-0.82	- 4.8	0.5/10.7	31755
2001 BN ₃₀	2003 08 11.0	21 21.44	-10 45.2	17.8	-0.92	- 9.2	2.0/12.0	31936
2000 VW ₆₂	2003 08 11.0	21 21.46	-06 54.3	19.1	-0.97	- 2.8	3.3/13.1	35536
2000 WS ₁₈₇	2003 08 11.0	21 21.50	-31 27.3	17.1	-1.24	+ 4.2	8.1/08.5	27755
1999 RC ₉₅	2003 08 11.0	21 21.59	-26 44.9	18.4	-1.00	- 0.7	4.7/08.5	33820
2002 KA ₆	2003 08 11.0	21 21.63	-10 41.9	19.4	-0.72	- 6.2	1.4/12.5	35199
2000 VW ₄₈	2003 08 11.0	21 21.63	-15 14.4	20.6	-0.96	- 5.5	0.1/11.1	47986
2001 AW ₁₁	2003 08 11.0	21 21.63	-18 42.6	18.8	-0.74	- 6.9	0.9/10.1	31933
2000 WV ₁₅₇	2003 08 11.0	21 21.64	-30 25.5	19.2	-0.94	- 3.9	4.5/07.0	33887
2001 DE ₇₅	2003 08 11.0	21 21.66	-17 31.8	20.1	-0.98	- 3.1	0.8/10.6	14928
1999 TV ₅₈	2003 08 11.0	21 21.69	-15 00.3	19.5	-0.80	- 4.5	0.1/11.2	35481

2003 AUG. 6

M.P.C. 49339

2000 RF ₅₁	2003 08 11.0	21 21.72	-23 12.6	18.9	-1.10	- 3.4	3.2/09.2	33247
2002 JV ₁₂₀	2003 08 11.0	21 21.73	-25 40.4	18.7	-0.91	- 7.3	3.3/08.1	34005
2002 DP ₁	2003 08 11.0	21 21.76	-10 16.5	19.1	-0.84	- 7.9	1.9/12.6	33967
2000 UD ₅₇	2003 08 11.0	21 21.82	-10 34.9	19.0	-1.00	- 3.8	2.2/12.0	47978
2000 XZ ₂₇	2003 08 11.1	21 21.75	-36 50.7	19.7	-1.02	- 3.1	6.6/05.4	31928
2001 DW ₅₅	2003 08 11.1	21 21.76	-14 45.3	18.5	-0.77	- 4.5	0.3/11.3	31940
2000 WJ ₁₈₀	2003 08 11.1	21 21.76	-30 16.2	20.7	-0.91	- 5.5	4.2/06.9	34981
1995 FL ₁	2003 08 11.1	21 21.76	-27 38.5	19.8	-1.15	- 2.0	5.4/08.3	27582
2000 VJ ₃₂	2003 08 11.1	21 21.81	-12 20.4	18.5	-0.97	- 4.3	1.2/11.9	30421
2002 AJ ₁₆₆	2003 08 11.1	21 21.83	-13 38.1	18.7	-0.94	- 5.8	0.7/11.6	30625
2000 WX ₄₃	2003 08 11.1	21 21.83	-15 15.4	17.1	-0.93	- 7.2	0.1/11.2	9871
1999 FW ₂₈	2003 08 11.1	21 21.85	-20 38.4	19.1	-1.04	- 4.0	2.3/09.9	47773
2000 SH ₁₆₉	2003 08 11.1	21 21.86	-09 11.7	19.2	-1.03	- 2.8	2.5/12.6	31915
1999 TK ₁₉₃	2003 08 11.1	21 21.87	-05 06.3	19.5	-0.89	- 2.5	3.6/13.6	1504
2000 XD ₁₇	2003 08 11.1	21 21.89	-10 11.1	17.7	-1.06	- 1.1	2.2/12.0	31928
1999 XU ₁₉₆	2003 08 11.1	21 21.90	-23 07.3	19.6	-0.86	- 3.2	2.5/09.1	17110
2000 VO ₄₉	2003 08 11.1	21 21.97	-27 33.3	18.5	-1.02	- 4.6	4.6/07.9	30422
1999 RU ₁₂₄	2003 08 11.1	21 21.98	-11 11.2	20.0	-0.88	- 5.8	1.6/12.0	47792
1999 VJ ₁₅₈	2003 08 11.1	21 22.01	-16 28.7	19.0	-0.85	- 3.5	0.4/10.9	31878
1998 FT ₆₄	2003 08 11.1	21 22.02	-12 49.6	19.1	-0.95	- 5.1	0.9/11.8	30264
1999 TL ₂₃₀	2003 08 11.1	21 22.07	-05 28.1	18.2	-0.79	- 6.0	3.8/14.0	30326
2002 LP ₁₃	2003 08 11.1	21 22.13	-07 19.6	19.0	-0.76	- 2.7	2.3/13.3	31776
1999 AD ₁₀	2003 08 11.1	21 22.13	-09 34.6	19.7	-0.59	- 2.8	1.2/12.8	33792
2002 CZ ₁₂₅	2003 08 11.1	21 22.13	-15 25.9	18.5	-0.98	- 3.5	0.0/11.2	29833
2002 JQ ₁₁₈	2003 08 11.1	21 22.18	-38 03.4	19.8	-1.03	- 5.0	7.8/04.7	33577
1995 UF ₈₀	2003 08 11.2	21 22.13	-35 50.5	20.1	-1.08	- 1.3	7.3/06.5	33006
1999 XW ₁₀₆	2003 08 11.2	21 22.16	-34 14.3	18.7	-1.07	- 3.1	7.2/06.0	40416
2002 FH ₁₅	2003 08 11.2	21 22.25	-32 51.8	19.3	-1.03	- 3.3	6.7/06.7	31484
2002 GC ₇₆	2003 08 11.2	21 22.28	-14 26.4	19.2	-0.92	- 3.7	0.4/11.5	48229
1998 FW ₆₀	2003 08 11.2	21 22.29	-07 00.8	18.3	-0.83	- 6.4	3.3/13.7	30264
2002 EN ₉₁	2003 08 11.2	21 22.35	-20 05.1	18.7	-0.97	- 5.1	1.7/10.0	30046
1999 VR ₁₇₈	2003 08 11.2	21 22.36	-38 46.5	19.8	-0.97	- 5.1	7.4/04.1	33840
1999 RO ₁₃₅	2003 08 11.2	21 22.36	-29 00.0	17.4	-1.18	+ 3.3	6.3/08.8	47793
2000 SC ₂₀₀	2003 08 11.2	21 22.38	-11 35.4	18.4	-0.92	- 8.0	1.4/12.4	30398
2000 YT ₁₀₉	2003 08 11.2	21 22.41	-24 43.0	20.4	-0.91	- 6.0	3.1/08.6	34990
2000 YE ₈	2003 08 11.2	21 22.44	-13 25.7	17.1	-0.98	- 3.9	0.9/11.8	31929
2000 AL ₁₂₄	2003 08 11.2	21 22.44	-20 51.8	16.9	-0.75	-14.1	1.8/09.3	33857
2000 SN ₃₀₀	2003 08 11.2	21 22.47	-02 06.8	18.1	-0.95	- 4.7	5.1/14.8	30404
2000 WO ₂	2003 08 11.2	21 22.49	-21 14.1	19.2	-0.91	- 5.3	1.9/09.7	12253
2000 WM ₅₄	2003 08 11.2	21 22.51	-01 45.7	17.2	-1.04	+ 1.6	5.5/13.8	11000
2002 CK ₂₄₇	2003 08 11.2	21 22.53	-14 48.6	20.8	-0.97	- 5.4	0.2/11.4	48211
2001 DU ₄₈	2003 08 11.2	21 22.55	-29 39.7	18.8	-0.92	- 1.7	4.7/07.8	48011
1999 TW ₈	2003 08 11.2	21 22.58	-28 03.5	19.0	-1.06	- 0.1	4.8/08.6	33826
2002 BT	2003 08 11.3	21 22.56	-36 21.3	19.4	-1.01	- 9.2	6.4/04.6	31964
2001 BA ₂₅	2003 08 11.3	21 22.61	-19 25.9	19.7	-0.75	- 7.2	1.1/10.1	31390
2002 JC ₉₈	2003 08 11.3	21 22.61	-14 27.1	18.0	-0.67	- 6.5	0.3/11.6	33571
2002 GZ ₁₁₈	2003 08 11.3	21 22.69	-20 11.3	20.4	-0.96	- 5.9	1.7/10.0	31588
1999 TQ ₂₀₁	2003 08 11.3	21 22.71	-05 56.4	18.3	-0.80	- 4.4	4.6/14.0	47810
1999 XY ₅₁	2003 08 11.3	21 22.73	-25 46.0	20.3	-0.82	- 3.8	2.9/08.5	47830
2000 AL ₇₆	2003 08 11.3	21 22.81	-05 38.1	19.5	-0.71	- 3.4	2.4/14.0	47841
2000 WA ₂₅	2003 08 11.3	21 22.87	+05 54.7	18.0	-0.92	- 1.7	8.0/16.5	31353

1999 TH ₂₈₉	2003 08 11.3	21 22.90	-32 05.8	19.3	-0.96	- 4.3	6.0/06.6	2674
1999 TD ₂₂₀	2003 08 11.3	21 22.93	+06 14.8	18.5	-0.79	- 4.2	6.6/17.8	47811
2000 UN ₉₆	2003 08 11.4	21 22.91	-19 38.0	18.2	-1.04	- 2.4	1.8/10.4	29486
2000 VE ₁₆	2003 08 11.4	21 22.95	-14 40.3	17.9	-0.90	- 6.2	0.3/11.6	47984
2000 VZ ₅₀	2003 08 11.4	21 23.00	-12 02.8	16.6	-0.98	+ 0.2	1.7/12.1	41676
2000 YB ₁₂₄	2003 08 11.4	21 23.03	+03 42.4	19.0	-0.95	- 1.6	6.6/16.0	20835
1999 XJ ₁₃₉	2003 08 11.4	21 23.05	-25 02.2	19.5	-0.92	- 3.2	3.5/09.0	31885
1998 GA ₁	2003 08 11.4	21 23.06	-19 34.6	19.2	-0.94	- 4.6	1.5/10.3	30267
1998 VW ₃₆	2003 08 11.4	21 23.12	+01 46.4	18.3	-0.76	- 2.5	5.7/15.9	33788
2001 CD ₃₀	2003 08 11.4	21 23.13	-24 21.8	20.1	-0.81	- 5.7	2.7/08.8	48009
2000 YV ₁₂₃	2003 08 11.4	21 23.16	-15 27.7	20.4	-0.81	- 2.0	0.0/11.4	11022
1998 QX ₄₃	2003 08 11.4	21 23.26	-19 09.4	18.4	-0.77	- 4.8	1.6/10.4	30274
2002 HV	2003 08 11.4	21 23.30	-03 28.3	19.8	-0.72	- 5.3	3.2/15.0	48231
2000 WY ₈₅	2003 08 11.5	21 23.27	-27 37.4	18.2	-0.98	- 5.2	6.0/08.0	33313
1999 TB ₂₂₀	2003 08 11.5	21 23.28	-01 43.4	18.8	-0.83	- 3.5	4.8/15.2	47811
2000 AJ ₇₆	2003 08 11.5	21 23.29	-19 48.4	18.9	-0.77	- 6.0	1.3/10.2	15656
2000 WB ₁₁₃	2003 08 11.5	21 23.30	+00 01.8	18.5	-0.92	- 1.7	5.1/15.2	31925
1999 RT ₁₅₂	2003 08 11.5	21 23.31	-19 34.8	17.5	-1.10	+ 3.5	2.0/10.8	35478
1998 QU ₈₅	2003 08 11.5	21 23.39	-14 47.5	16.6	-0.96	+ 1.3	0.2/11.6	47736
2002 EN ₁₄₅	2003 08 11.5	21 23.41	-06 18.2	20.2	-0.84	- 6.1	3.2/14.1	30081
1998 RK ₇₀	2003 08 11.5	21 23.44	-22 06.5	19.7	-0.85	- 4.7	2.2/09.6	30281
1999 VO ₁₈₈	2003 08 11.5	21 23.48	-32 03.7	18.8	-0.87	- 4.8	5.0/06.7	31879
1999 TL ₆₀	2003 08 11.5	21 23.54	-15 33.9	20.1	-0.88	- 3.6	0.1/11.5	34784
2000 SF ₂₉₅	2003 08 11.5	21 23.55	-35 54.7	18.4	-1.09	- 1.8	7.0/06.5	31917
2002 JR ₁₁₉	2003 08 11.5	21 23.64	-17 54.3	18.6	-0.75	- 7.3	0.8/10.8	34005
1999 RM ₂₄	2003 08 11.5	21 23.64	-17 18.5	18.0	-0.87	- 4.0	0.9/11.1	47787
2001 BH ₂	2003 08 11.5	21 23.67	-01 23.8	20.6	-0.77	- 5.5	4.3/15.6	48005
1995 UG ₁	2003 08 11.5	21 23.69	-30 20.8	19.7	-1.07	- 0.6	6.2/08.1	47698
1999 RL ₁₀₂	2003 08 11.5	21 23.70	-12 35.0	17.1	-1.06	+ 0.8	1.1/12.0	13606
1999 TO ₁₈₅	2003 08 11.6	21 23.66	+03 11.8	19.7	-0.96	- 0.2	7.6/15.5	12175
2002 AS ₁₄₈	2003 08 11.6	21 23.68	-15 17.6	19.3	-0.94	- 5.4	0.0/11.6	29752
2000 TA ₃₆	2003 08 11.6	21 23.69	-05 45.3	19.0	-0.96	- 4.7	3.6/14.1	31917
2000 RS ₆₅	2003 08 11.6	21 23.69	-16 01.2	16.8	-0.82	- 8.8	0.4/11.4	47936
2002 GL ₆₈	2003 08 11.6	21 23.71	-21 19.7	18.7	-0.78	- 7.9	2.0/09.7	31537
2002 GJ ₆₀	2003 08 11.6	21 23.75	-00 30.6	19.6	-0.72	- 7.1	4.2/16.3	33981
1999 VO ₁₅₄	2003 08 11.6	21 23.75	-20 01.9	20.0	-0.85	- 3.9	1.7/10.4	34812
2002 FO ₃₅	2003 08 11.6	21 23.81	-05 11.8	17.2	-0.90	+ 1.4	4.7/13.7	31496
1998 MU ₁₈	2003 08 11.6	21 23.81	-09 23.8	18.5	-0.72	- 8.8	2.4/13.5	46342
2002 GF ₄₂	2003 08 11.6	21 23.83	-15 48.7	20.2	-0.98	- 4.3	0.2/11.5	31515
2001 DD ₆₈	2003 08 11.6	21 23.85	-21 52.0	20.1	-0.85	- 1.5	1.8/10.1	48012
1999 WQ ₇	2003 08 11.6	21 23.87	-15 15.0	20.0	-0.74	- 3.9	0.0/11.7	13626
2002 JM ₁₄₄	2003 08 11.6	21 23.91	-16 03.1	19.5	-0.83	- 7.6	0.2/11.4	34009
2000 YC ₁₀₃	2003 08 11.6	21 23.93	-11 24.8	19.7	-0.82	- 5.6	1.1/12.7	13801
2002 BU ₂₅	2003 08 11.6	21 23.93	-12 48.0	17.4	-1.05	0.0	0.9/12.2	35570
2000 QN ₁₁₂	2003 08 11.6	21 23.97	-16 23.2	18.5	-0.99	- 2.5	0.6/11.4	47920
1998 DJ ₁₂	2003 08 11.6	21 24.01	-25 41.9	19.7	-1.02	- 2.7	3.7/09.2	47723
1999 TF ₇₂	2003 08 11.6	21 24.04	-12 44.5	19.0	-0.83	- 4.5	1.0/12.4	47804
2000 UT ₁₀₆	2003 08 11.7	21 24.00	-19 52.0	19.5	-0.95	- 7.3	1.8/10.4	47982
2000 AU ₁₇₉	2003 08 11.7	21 24.02	+04 35.9	18.1	-0.90	+ 0.3	8.4/15.8	2723
2001 FT ₁₄₄	2003 08 11.7	21 24.03	-06 18.8	18.9	-0.72	- 9.4	2.4/14.6	30454
1999 TH ₄₁	2003 08 11.7	21 24.10	+06 25.3	18.7	-0.74	- 4.6	9.4/18.2	29114

2002 CO ₁₁₄	2003 08 11.7	21 24.15 -26 44.1 18.8	-0.97 - 5.3	4.6/08.6	29829
1999 TQ ₂₅₀	2003 08 11.7	21 24.18 -14 48.1 19.7	-0.91 - 1.7	7.5/23.0	47812
2000 SP ₇₄	2003 08 11.7	21 24.21 -20 11.5 19.0	-1.04 - 6.5	2.4/10.4	13750
1999 XH ₂₃₃	2003 08 11.7	21 24.25 -03 42.1 18.2	-0.78 - 6.8	4.7/15.1	2705
1999 UA ₂₅	2003 08 11.7	21 24.26 +01 56.5 18.6	-0.82 - 3.1	6.5/16.4	47816
2002 EX ₂₇	2003 08 11.7	21 24.31 -15 01.4 19.0	-0.96 - 5.7	9.3/23.0	30705
2002 EO ₁₁₅	2003 08 11.7	21 24.32 -15 46.5 18.4	-0.77 - 7.0	0.2/11.6	31983
2001 CY ₃₉	2003 08 11.7	21 24.32 -34 05.7 18.0	-0.94 - 8.0	7.1/05.6	46523
2001 DN ₅₀	2003 08 11.7	21 24.33 -30 03.0 19.1	-0.82 - 5.4	4.6/07.4	48011
2001 CA ₃₃	2003 08 11.7	21 24.41 -37 45.5 20.0	-0.90 - 3.2	5.9/05.5	12289
2001 BJ ₁₅	2003 08 11.7	21 24.42 -20 10.0 18.5	-0.89 - 1.2	1.6/10.6	48005
2000 YW ₁₈	2003 08 11.7	21 24.45 -20 54.0 17.8	-0.94 + 0.8	1.6/10.6	13800
1999 VW ₁₅₆	2003 08 11.7	21 24.46 -36 29.2 18.1	-0.87 - 3.8	6.4/05.7	33840
2001 EA ₁₅	2003 08 11.8	21 24.38 -37 06.9 21.1	-0.88 - 3.2	5.4/05.6	13821
2000 AS ₈₂	2003 08 11.8	21 24.38 -28 53.6 18.0	-0.77 - 9.6	4.7/07.1	33855
2002 JQ ₅₄	2003 08 11.8	21 24.40 +11 38.1 18.8	-0.73 - 3.4	8.3/20.1	32022
2002 AO ₁₅₂	2003 08 11.8	21 24.44 -16 19.6 18.6	-0.94 - 6.0	0.4/11.5	27813
1999 TL ₈₉	2003 08 11.8	21 24.44 -19 46.5 19.1	-0.91 - 5.3	1.9/10.6	47804
2002 GM ₃₃	2003 08 11.8	21 24.47 -25 22.1 18.6	-0.97 - 5.6	4.2/09.0	33544
2002 JG ₁₁₉	2003 08 11.8	21 24.50 +02 35.7 19.8	-0.76 - 7.0	5.4/17.4	48237
2000 EB ₁₇₀	2003 08 11.8	21 24.51 -32 33.3 18.3	-0.97 - 3.0	5.2/07.1	25773
2001 BV ₄₃	2003 08 11.8	21 24.55 -15 50.0 19.5	-0.86 - 1.5	0.2/11.7	48006
2000 YH ₁₀₅	2003 08 11.8	21 24.63 -25 43.9 20.2	-0.93 - 3.0	2.9/09.1	42944
2002 GK ₁₅	2003 08 11.8	21 24.65 -14 11.5 20.4	-0.88 - 5.6	0.4/12.1	48226
2002 JB ₁₂₀	2003 08 11.8	21 24.72 -19 50.6 18.1	-0.77 -11.0	1.7/10.3	48237
2002 CU ₉₀	2003 08 11.8	21 24.78 -14 20.5 19.2	-0.91 - 6.2	0.3/12.1	35571
1989 GF ₂	2003 08 11.8	21 24.78 +03 20.7 19.6	-0.82 - 4.9	6.7/17.4	31212
1999 XF ₁₉₁	2003 08 11.8	21 24.78 -08 18.3 20.3	-0.79 - 1.2	1.8/13.6	17109
2002 JR ₁₃₂	2003 08 11.8	21 24.79 -13 06.2 19.8	-0.86 - 4.2	0.7/12.4	33583
2002 JW ₁₇	2003 08 11.8	21 24.81 -11 31.1 20.1	-0.88 - 4.1	1.2/12.9	35192
2002 GW ₅₃	2003 08 11.8	21 24.83 -09 28.6 18.9	-0.76 - 7.8	1.8/13.7	31525
2000 YN ₃₂	2003 08 11.8	21 24.83 -18 29.1 17.1	-0.93 - 9.7	1.5/10.9	11014
2000 TU ₁₅	2003 08 11.8	21 24.85 -14 02.2 18.2	-0.97 - 4.7	0.4/12.2	30408
2002 CB ₁₄₅	2003 08 11.9	21 24.76 -10 26.2 19.8	-0.92 - 7.5	1.8/13.3	48207
1999 KR ₅	2003 08 11.9	21 24.79 -38 24.1 18.6	-1.11 - 2.7	10.8/06.0	23499
2000 AD ₁₀₀	2003 08 11.9	21 24.84 -33 07.8 18.7	-0.84 - 4.8	4.9/06.7	33856
2001 AA ₂₉	2003 08 11.9	21 24.89 -21 32.1 19.1	-1.04 - 3.9	2.7/10.3	30445
2002 JH ₅	2003 08 11.9	21 24.89 -35 49.7 19.4	-0.94 - 2.2	6.6/06.5	31619
2000 SK ₂₆₆	2003 08 11.9	21 24.89 -23 06.8 19.1	-1.02 - 6.9	3.3/09.7	33271
2000 UT ₆₃	2003 08 11.9	21 24.93 -24 50.8 18.1	-1.07 - 2.1	3.9/09.7	30415
1995 WG ₂₇	2003 08 11.9	21 24.97 -10 05.1 19.6	-0.89 - 2.7	1.7/13.2	47700
2000 YD ₁₄	2003 08 11.9	21 24.99 -27 17.0 20.0	-0.92 - 8.5	4.2/08.1	9468
2000 AX ₁₀	2003 08 11.9	21 25.05 -30 42.7 18.4	-0.89 - 3.9	5.0/07.6	31888
1993 TF ₁₅	2003 08 11.9	21 25.11 -28 59.1 18.5	-0.91 - 2.6	4.4/08.3	38446
1999 TP ₂₂₂	2003 08 11.9	21 25.15 -19 58.0 17.5	-0.60 - 7.9	2.5/10.4	1180
2001 AM ₃	2003 08 11.9	21 25.20 -08 05.1 19.4	-0.85 - 4.1	2.5/13.9	33349
1999 TA ₁₇₅	2003 08 12.0	21 25.16 -33 26.8 18.4	-0.96 - 1.6	5.7/07.5	31869
2002 CO ₇₇	2003 08 12.0	21 25.25 -16 54.8 18.8	-1.10 - 0.8	0.8/11.7	30652
1994 JP ₂	2003 08 12.0	21 25.25 -23 11.1 21.3	-0.95 - 4.4	2.8/09.9	47691
2000 SX ₉₅	2003 08 12.0	21 25.26 -12 38.6 19.3	-1.05 - 3.5	1.0/12.6	47949
1995 BZ ₅	2003 08 12.0	21 25.30 -17 39.5 20.1	-1.04 - 3.6	1.0/11.4	37044

1998 JO ₃	2003 08 12.0	21 25.35 -36 22.8 18.1	-1.01 - 6.0	7.1/05.6	31816
2002 GY ₅₁	2003 08 12.0	21 25.43 -12 38.7 18.9	-0.84 - 5.9	1.0/12.8	33546
2000 WA ₇₇	2003 08 12.0	21 25.47 -27 19.9 18.8	-1.04 - 2.9	5.7/09.0	33312
2000 VL ₂₆	2003 08 12.0	21 25.50 -02 20.1 17.7	-0.89 - 2.6	6.3/15.3	27742
2000 UH ₄₉	2003 08 12.0	21 25.51 -28 39.3 18.1	-0.98 - 5.1	5.5/08.4	30414
1999 VH ₁₇₅	2003 08 12.1	21 25.52 -16 19.2 18.5	-0.84 - 2.1	0.6/11.8	1539
3528 T-3	2003 08 12.1	21 25.53 -07 45.2 19.3	-0.83 - 4.7	2.8/14.1	48393
2000 YX ₁₂₅	2003 08 12.1	21 25.55 -27 55.2 20.3	-0.95 - 4.6	4.3/08.6	48002
2002 EC ₁₆	2003 08 12.1	21 25.58 -11 04.4 18.4	-0.91 - 2.6	1.4/13.1	29949
1998 QH ₆	2003 08 12.1	21 25.58 +06 44.8 18.2	-0.68 - 5.3	7.2/19.1	31819
2002 EN ₈₉	2003 08 12.1	21 25.66 +03 44.8 18.2	-0.99 -19.1	8.5/19.1	30718
1999 TX ₄	2003 08 12.1	21 25.67 -17 38.8 18.2	-0.83 - 8.0	1.1/11.4	1471
2002 CR ₉₃	2003 08 12.1	21 25.68 -18 51.8 19.2	-0.97 - 5.4	1.6/11.1	31967
2002 JE ₁₁₉	2003 08 12.1	21 25.81 -25 15.1 18.7	-0.86 - 8.9	3.7/08.9	48237
2000 SZ ₁₈₇	2003 08 12.1	21 25.92 -08 02.6 18.3	-0.82 - 8.8	3.6/14.4	29378
1999 XB ₁₄	2003 08 12.1	21 25.94 -15 02.3 19.3	-0.89 - 7.4	0.0/12.2	40405
1999 WE ₁₉	2003 08 12.1	21 25.96 -19 30.9 19.9	-0.85 - 3.8	1.6/11.0	47827
2000 SL ₇₅	2003 08 12.1	21 25.97 -17 34.4 17.0	-0.86 - 8.0	1.2/11.5	30389
1991 TP ₁₆	2003 08 12.1	21 25.98 -09 09.4 20.2	-0.92 - 5.6	2.1/13.8	46317
2001 CO ₁₈	2003 08 12.2	21 25.94 -12 40.0 19.8	-0.85 - 5.7	0.8/12.9	17545
2002 JP ₁₂₈	2003 08 12.2	21 25.94 -06 31.1 19.3	-0.80 - 6.0	2.8/14.7	33581
2000 RR ₅₄	2003 08 12.2	21 25.97 -11 31.6 17.8	-1.02 - 1.7	1.3/13.0	30381
2002 JF ₂₂	2003 08 12.2	21 26.03 -19 48.2 19.3	-0.99 - 4.8	1.7/11.0	31636
2002 GE ₁₇₀	2003 08 12.2	21 26.07 -13 38.5 19.7	-0.92 - 3.7	0.5/12.6	33558
2002 EZ ₁₅₄	2003 08 12.2	21 26.16 -24 52.6 18.2	-0.87 - 5.7	4.4/09.5	35178
2000 SK ₂₅₈	2003 08 12.2	21 26.21 -16 22.6 20.0	-0.95 - 5.6	0.5/11.9	47963
2000 YL ₁₁₆	2003 08 12.2	21 26.23 -19 31.7 19.9	-0.90 - 4.4	1.4/11.1	38288
1999 TD ₁₉₆	2003 08 12.2	21 26.30 +22 41.6 19.6	-0.83 - 1.6	11.6/23.3	2668
2002 CG ₁₃₀	2003 08 12.2	21 26.33 -13 57.5 20.0	-0.97 - 4.7	0.4/12.6	30665
2002 CZ ₂₃₁	2003 08 12.3	21 26.30 -08 55.3 19.3	-0.87 - 4.6	2.0/14.0	29879
2000 CR ₆	2003 08 12.3	21 26.31 -11 11.7 19.2	-0.82 - 2.6	1.3/13.3	30350
2000 YG ₂₁	2003 08 12.3	21 26.40 -12 40.4 18.9	-0.96 - 1.4	0.8/12.9	11013
2001 DS ₁₉	2003 08 12.3	21 26.40 -12 08.4 18.4	-0.69 - 7.7	0.8/13.3	31939
2000 TR ₃₅	2003 08 12.3	21 26.53 -11 39.8 18.7	-0.99 - 4.6	1.4/13.2	29429
2002 AP ₁₀₇	2003 08 12.3	21 26.59 -19 49.0 18.4	-1.00 - 7.1	2.0/11.0	30616
1999 RA ₈	2003 08 12.3	21 26.61 -11 46.9 18.3	-0.80 - 6.4	1.4/13.3	31857
1999 RQ ₁₄₃	2003 08 12.3	21 26.64 -02 41.8 19.6	-0.80 - 7.2	4.5/16.1	47793
2002 JH ₉₀	2003 08 12.3	21 26.65 -17 04.3 20.1	-0.99 - 4.1	0.7/11.9	31723
1998 FL ₁₄	2003 08 12.3	21 26.67 -16 18.2 20.9	-0.97 - 3.0	0.4/12.1	47725
1999 RX ₁₃₄	2003 08 12.3	21 26.75 -19 05.5 17.5	-1.12 + 2.1	1.7/11.7	33821
1998 FD ₂₈	2003 08 12.4	21 26.66 -13 36.4 18.8	-0.94 - 4.1	0.5/12.8	31812
1998 SB ₅₇	2003 08 12.4	21 26.72 -37 20.7 18.2	-1.10 + 2.9	9.0/08.1	47746
2001 CJ ₁₀	2003 08 12.4	21 26.72 -16 23.5 18.9	-0.86 - 0.6	0.4/12.1	13810
2000 UT ₇₁	2003 08 12.4	21 26.73 -16 23.9 20.1	-1.02 - 3.9	0.5/12.1	33290
2000 XR ₂₆	2003 08 12.4	21 26.74 -36 57.2 19.2	-1.08 - 2.1	7.5/06.8	31928
2002 JG ₁₂₁	2003 08 12.4	21 26.79 -20 16.8 20.0	-0.91 - 7.1	1.6/10.9	33579
2001 DD ₁₉	2003 08 12.4	21 26.79 -22 53.5 20.1	-0.81 - 5.1	2.1/10.2	12295
2002 CJ ₂₂	2003 08 12.4	21 26.82 -15 02.5 19.6	-0.96 - 5.6	0.0/12.4	30640
1999 UX ₃₆	2003 08 12.4	21 26.84 -00 25.0 18.9	-0.79 - 7.0	4.9/17.0	31873
2002 JS ₄₀	2003 08 12.4	21 26.89 -10 58.4 20.3	-0.94 - 4.5	1.4/13.5	48234
1999 TZ ₁₈₃	2003 08 12.4	21 26.89 -04 13.8 18.0	-1.01 + 2.0	4.5/14.5	1503

2000 SU ₃₈	2003 08 12.4	21 26.90 -17 38.7 18.8	-0.92 - 8.3	1.2/11.7	47943
1999 SH ₁₅	2003 08 12.4	21 26.93 +03 59.4 19.2	-0.94 - 0.5	7.1/16.8	47799
2000 VE ₅₅	2003 08 12.4	21 26.97 -12 42.3 19.4	-0.99 - 4.0	0.9/13.1	47986
2002 JQ ₄	2003 08 12.4	21 26.98 -25 30.8 18.7	-0.79 -10.0	3.1/09.0	31618
1999 RT ₈₄	2003 08 12.4	21 26.99 -11 10.7 18.7	-0.87 - 4.5	1.4/13.5	47790
2000 SG ₁₀₂	2003 08 12.4	21 27.00 -14 59.4 18.4	-0.94 - 2.7	0.0/12.5	47949
2002 CO ₂₃₇	2003 08 12.4	21 27.00 -05 50.2 19.0	-0.79 - 8.6	3.3/15.4	30688
1998 FZ ₁₃₈	2003 08 12.4	21 27.00 -18 14.2 19.2	-0.96 - 3.7	1.1/11.7	30267
1999 TY ₃₉	2003 08 12.4	21 27.01 -10 32.4 18.7	-0.77 - 9.0	1.8/13.9	34784
2002 JS ₄₆	2003 08 12.4	21 27.01 -03 26.2 20.2	-0.84 - 3.3	3.7/15.6	48234
2000 VA ₂₅	2003 08 12.4	21 27.02 -14 03.3 19.6	-0.97 - 4.8	0.4/12.7	30420
1998 SP ₆	2003 08 12.4	21 27.03 -08 19.0 19.1	-0.74 - 6.5	2.3/14.5	47742
1998 RR ₃	2003 08 12.5	21 27.04 +11 20.2 18.0	-0.91 -22.6	11.9/23.7	27609
1993 SD ₇	2003 08 12.5	21 27.06 -25 49.0 18.5	-0.98 - 1.9	3.8/09.8	30244
2001 DK ₃₉	2003 08 12.5	21 27.07 -12 08.6 18.9	-1.05 + 0.6	1.1/13.1	17556
2000 GD ₁	2003 08 12.5	21 27.12 +03 25.9 16.6	-0.76 -36.0	8.5/21.0	47875
2000 WN ₄₈	2003 08 12.5	21 27.21 -17 40.3 19.7	-1.03 - 6.6	1.0/11.8	11000
2002 CE ₁₁	2003 08 12.5	21 27.25 -18 45.8 19.9	-1.01 - 3.9	1.4/11.6	30637
1999 VU ₁₁₆	2003 08 12.5	21 27.26 -21 45.1 20.0	-0.91 - 4.0	2.5/10.8	33138
2000 UQ ₂₃	2003 08 12.5	21 27.29 -14 32.6 17.4	-0.65 - 8.3	0.3/12.7	47976
2002 GG ₁₂	2003 08 12.5	21 27.33 -36 43.5 20.9	-1.03 - 2.9	7.0/06.8	48226
2000 UF ₄₃	2003 08 12.5	21 27.34 -08 30.3 17.5	-0.85 - 5.4	3.2/14.4	30413
2001 FY ₁₆₂	2003 08 12.5	21 27.40 -06 06.9 20.0	-0.84 - 6.8	3.0/15.2	13373
2001 FF ₆₂	2003 08 12.5	21 27.41 -10 01.4 19.4	-0.72 - 6.2	1.5/14.1	31943
1999 RL ₄₄	2003 08 12.5	21 27.42 -30 09.7 17.6	-1.25 + 3.6	7.4/09.7	1450
2002 EM ₄₆	2003 08 12.5	21 27.42 -14 31.3 18.5	-0.92 - 2.6	0.2/12.7	33969
2000 RP ₉₂	2003 08 12.5	21 27.42 -19 47.5 18.1	-0.85 - 6.9	2.5/11.2	30384
2002 GQ ₄₂	2003 08 12.5	21 27.47 -28 54.5 19.9	-0.99 - 2.9	4.9/09.1	31515
2002 FD ₁₇	2003 08 12.6	21 27.41 -12 39.8 19.7	-0.81 - 6.1	0.7/13.3	48225
2000 AO ₃	2003 08 12.6	21 27.42 -18 55.8 18.8	-0.91 0.0	1.1/11.7	41590
1998 LF ₃	2003 08 12.6	21 27.48 -40 12.3 18.1	-1.03 - 9.1	7.4/04.1	33769
2000 CO ₉₇	2003 08 12.6	21 27.51 +02 26.5 19.7	-0.71 - 7.8	4.8/18.2	19509
1998 FE ₃₇	2003 08 12.6	21 27.52 -12 24.6 19.8	-0.95 - 4.3	0.9/13.3	47726
2002 AS ₆₆	2003 08 12.6	21 27.58 -10 55.7 19.6	-0.95 - 5.7	1.4/13.7	31962
2001 EA ₂₁	2003 08 12.6	21 27.58 -03 04.8 18.2	-0.74 - 4.6	3.9/16.0	33900
2002 CM ₁₆₉	2003 08 12.6	21 27.59 -22 19.2 19.4	-1.01 - 4.4	2.6/10.8	31970
2002 GA ₈₃	2003 08 12.6	21 27.60 -11 11.4 19.2	-0.82 - 6.6	1.2/13.8	31554
2002 CM ₂₇₂	2003 08 12.6	21 27.70 -26 37.7 18.3	-0.93 - 7.7	5.1/09.1	41764
2000 QZ ₁₁₉	2003 08 12.6	21 27.71 -07 11.0 18.7	-0.97 - 5.4	3.8/14.8	25823
2000 VS ₂₂	2003 08 12.6	21 27.72 -11 41.8 19.7	-1.00 - 4.6	1.3/13.5	11805
2002 JW ₁₁₇	2003 08 12.6	21 27.81 -17 49.9 18.3	-0.75 - 8.0	1.0/11.8	48237
1999 TQ ₂₆₂	2003 08 12.6	21 27.83 -07 59.0 19.2	-0.83 - 5.5	2.7/14.7	30327
2001 AP ₄	2003 08 12.7	21 27.81 -20 08.3 19.6	-0.82 - 7.3	1.6/11.1	29658
1999 VF ₄	2003 08 12.7	21 27.82 -15 21.3 19.5	-0.86 - 5.5	0.1/12.6	11626
2001 YS ₉₀	2003 08 12.7	21 28.07 -49 14.2 19.4	-1.49 - 0.3	10.9/04.2	33954
1999 SC ₆	2003 08 12.7	21 28.12 -36 30.6 18.4	-1.08 - 2.4	8.4/06.9	30316
1999 RW ₃₇	2003 08 12.7	21 28.14 +00 41.5 18.3	-0.79 - 6.7	5.6/17.5	31858
2000 AO ₁₈₅	2003 08 12.7	21 28.18 -21 50.9 18.4	-0.85 - 8.1	2.5/10.6	30348
2001 DK ₁₈	2003 08 12.7	21 28.20 -22 23.1 18.9	-0.92 - 6.0	2.4/10.7	16091
2001 BN ₄₁	2003 08 12.7	21 28.20 -19 32.0 18.6	-0.83 - 8.1	2.2/11.4	18311
1996 WO ₂	2003 08 12.7	21 28.22 -30 26.4 18.8	-0.93 - 6.4	6.9/08.0	30252

2002 GO ₁₄	2003 08 12.7	21 28.24 -25 34.6 19.8	-1.09 - 2.8	3.9/10.3	30736
2000 UV ₁₀₇	2003 08 12.8	21 28.18 -15 22.2 17.5	-0.81 - 9.6	0.2/12.7	9857
2000 WL ₈₁	2003 08 12.8	21 28.19 -06 42.9 20.4	-0.91 - 3.0	2.7/14.9	34975
1999 XZ ₁₃₇	2003 08 12.8	21 28.20 -06 19.8 19.1	-0.79 - 3.6	2.9/15.2	47833
2002 CM ₁₄₆	2003 08 12.8	21 28.25 -10 18.5 20.1	-0.92 - 6.2	1.6/14.1	30669
2002 EG ₁₁	2003 08 12.8	21 28.28 -22 44.0 19.1	-0.98 - 1.4	2.8/11.0	29941
2002 CX ₂₃₃	2003 08 12.8	21 28.30 -07 56.1 19.0	-0.94 - 3.0	2.8/14.6	48211
1999 PV ₂	2003 08 12.8	21 28.36 -23 24.8 18.5	-1.14 + 0.8	3.4/11.2	30303
2002 DT ₁₈	2003 08 12.8	21 28.37 -04 00.7 18.9	-0.96 - 4.3	4.0/15.7	33968
1996 YH	2003 08 12.8	21 28.39 -01 17.6 19.0	-0.95 - 1.0	4.8/16.0	10836
2000 QY ₁₀₉	2003 08 12.8	21 28.40 -21 38.2 19.8	-1.04 - 4.8	2.7/11.1	47920
2002 GF ₈₈	2003 08 12.8	21 28.41 -16 21.7 18.1	-0.81 - 7.0	0.5/12.4	33983
2002 GZ ₂₁	2003 08 12.8	21 28.42 -15 02.6 18.5	-0.83 - 3.4	0.0/12.8	31503
1999 TC ₂₂₆	2003 08 12.8	21 28.50 -24 50.9 19.5	-0.88 - 3.1	3.2/10.3	35484
2002 EN ₁₄₆	2003 08 12.8	21 28.56 -17 30.5 18.3	-0.85 - 6.0	1.0/12.1	35574
1999 TT ₂₆₇	2003 08 12.8	21 28.59 +07 11.4 19.4	-0.88 - 1.3	8.0/18.6	33833
2001 FM ₃₆	2003 08 12.9	21 28.57 -20 51.1 19.5	-0.84 - 1.7	1.8/11.4	31943
2002 GB ₁₁₈	2003 08 12.9	21 28.63 -13 22.7 19.6	-0.90 - 6.8	0.6/13.4	48230
2000 US ₃₂	2003 08 12.9	21 28.68 -14 10.6 20.8	-0.96 - 5.3	0.3/13.1	9847
2002 GX ₁₅₃	2003 08 12.9	21 28.72 -14 58.7 20.4	-0.87 - 6.2	0.0/12.9	31602
1999 LC ₂₅	2003 08 12.9	21 28.76 -23 36.0 19.0	-0.94 - 6.1	3.8/10.5	29044
2000 SG ₃₃₆	2003 08 12.9	21 28.78 -22 04.2 19.4	-1.05 - 3.5	2.6/11.2	31917
2002 GM ₆₈	2003 08 12.9	21 28.78 -27 13.1 18.5	-0.79 - 5.9	4.0/09.2	31998
2002 AF ₁₆₆	2003 08 12.9	21 28.78 -09 55.0 18.7	-0.94 - 5.5	2.0/14.3	27816
2000 AA ₁₉₄	2003 08 12.9	21 28.80 -08 25.9 19.5	-0.71 - 6.4	1.8/14.9	16047
2002 GK ₁₆₅	2003 08 12.9	21 28.84 -12 07.4 19.5	-0.88 - 5.3	1.0/13.7	48231
1999 RU ₁₃₆	2003 08 12.9	21 28.85 -07 24.2 17.4	-0.65 - 9.9	3.6/15.5	27635
1998 QU ₅₇	2003 08 12.9	21 28.91 -06 16.9 21.2	-0.71 - 5.6	2.5/15.5	47735
2002 EY ₇₄	2003 08 12.9	21 28.92 -12 07.2 18.5	-0.90 - 4.4	1.0/13.7	31980
2000 SG ₁₄₂	2003 08 12.9	21 28.94 -09 59.6 17.6	-1.05 - 1.9	2.0/14.1	29358
1999 XH ₁₀₅	2003 08 12.9	21 28.96 -34 50.8 19.2	-1.04 - 2.5	7.6/07.6	30340
1995 BS ₁₀	2003 08 12.9	21 28.99 -19 33.4 18.1	-0.92 - 6.9	2.2/11.6	41523
2001 BG ₆₂	2003 08 13.0	21 28.92 -08 20.7 19.2	-0.69 - 7.6	1.8/15.1	48007
1999 TW ₆	2003 08 13.0	21 28.93 -40 22.3 18.8	-1.12 + 0.4	10.8/06.6	33092
1999 RM ₁₈₄	2003 08 13.0	21 28.93 -07 15.7 18.3	-0.69 -13.1	3.3/15.8	47795
2000 UJ ₅₂	2003 08 13.0	21 28.97 -29 59.9 18.7	-0.97 - 4.1	4.8/08.9	31919
1998 EL ₁₁	2003 08 13.0	21 29.02 -25 01.7 18.2	-1.00 - 3.3	4.0/10.5	27596
2002 GQ ₇₂	2003 08 13.0	21 29.08 -34 26.1 19.6	-1.03 - 2.5	7.8/07.9	48228
1998 RJ ₅₀	2003 08 13.0	21 29.11 -15 32.2 17.9	-0.80 - 4.5	0.2/12.9	47740
2002 FZ ₂₄	2003 08 13.0	21 29.11 -26 41.5 20.6	-1.14 - 2.1	4.7/10.3	48225
2002 CR ₇₈	2003 08 13.0	21 29.13 -16 51.3 18.8	-0.85 - 9.9	0.9/12.4	30652
2002 CR ₁₃₃	2003 08 13.0	21 29.29 -07 56.5 18.6	-0.76 - 8.2	2.7/15.3	31454
1999 RM ₂₆	2003 08 13.0	21 29.31 -15 03.4 17.9	-0.83 - 5.8	0.1/13.0	31857
2000 WR ₂₃	2003 08 13.0	21 29.34 -16 15.7 17.7	-0.88 - 9.1	0.6/12.6	31352
2001 BU ₃₂	2003 08 13.0	21 29.35 -12 27.2 20.4	-0.88 - 6.2	0.8/13.8	48006
1999 VB ₁₈₀	2003 08 13.1	21 29.31 -02 20.1 19.9	-0.78 - 8.0	4.5/17.0	6261
2000 AA ₅₅	2003 08 13.1	21 29.31 -19 17.0 19.4	-0.75 - 5.0	1.3/11.8	31889
2002 EW ₁₂₆	2003 08 13.1	21 29.34 -03 38.9 19.8	-0.93 - 5.3	4.6/16.2	30073
2000 WB ₁₂₄	2003 08 13.1	21 29.37 -20 47.1 20.3	-0.92 - 5.0	2.0/11.5	47991
1999 WE ₁₁	2003 08 13.1	21 29.38 -18 15.3 19.7	-0.80 - 4.4	1.1/12.2	30337
2002 DA ₁₃	2003 08 13.1	21 29.50 -14 39.8 20.4	-0.97 - 3.9	0.1/13.2	48214

2001 XN ₆₈	2003 08 13.1	21 29.55	-06 33.7	19.3	-1.19	+ 0.8	2.8/14.8	48164
2001 BG ₂₈	2003 08 13.1	21 29.59	-14 17.8	18.9	-0.80	- 4.6	0.2/13.3	31936
1990 TA ₂	2003 08 13.1	21 29.61	-08 20.4	19.8	-0.87	- 3.5	2.3/14.8	47682
2002 FE ₃₃	2003 08 13.1	21 29.66	-27 48.1	18.0	-0.87	- 6.3	5.6/09.3	31492
2002 CD ₅₅	2003 08 13.1	21 29.71	-14 31.2	18.5	-0.97	- 2.8	0.1/13.3	29788
1996 BN ₁	2003 08 13.1	21 29.73	-20 34.9	19.1	-0.85	- 4.6	2.0/11.6	31220
2002 CK ₁₀₇	2003 08 13.2	21 29.67	-16 25.9	20.2	-0.97	- 7.3	0.6/12.7	48204
2000 US ₁₄	2003 08 13.2	21 29.68	-22 00.3	16.6	-0.93	- 0.3	4.0/11.6	27731
2001 BA ₆₂	2003 08 13.2	21 29.69	-06 31.1	19.5	-0.72	- 6.7	2.6/15.8	48007
2000 RV ₃	2003 08 13.2	21 29.69	-22 17.2	18.1	-1.10	- 1.6	3.9/11.5	47931
2001 DB ₂₄	2003 08 13.2	21 29.74	-17 40.4	19.9	-0.76	- 3.9	0.8/12.4	31940
2001 CN ₂₈	2003 08 13.2	21 29.75	-25 29.6	19.6	-0.88	- 1.1	3.0/10.6	48009
1998 FF ₁₃₄	2003 08 13.2	21 29.76	-23 49.1	19.9	-1.00	- 2.7	3.3/11.0	47728
1999 XK ₁₆₇	2003 08 13.2	21 29.77	-03 38.7	17.5	-0.93	- 1.2	4.2/15.7	47834
2002 JK ₉₉	2003 08 13.2	21 29.78	-20 50.6	18.6	-0.78	-12.1	2.3/11.1	48236
2002 CF ₂₇₄	2003 08 13.2	21 29.83	-24 09.6	19.8	-1.04	- 4.7	3.6/10.8	31463
1999 RL ₂₂₁	2003 08 13.2	21 29.86	-11 56.2	16.6	-0.64	-12.2	1.3/14.3	47798
1999 UO ₄₈	2003 08 13.2	21 29.89	-26 50.4	19.3	-0.87	- 5.7	4.1/09.7	2678
1999 TF ₁₅₃	2003 08 13.2	21 29.90	-22 18.2	18.3	-0.86	- 4.5	2.4/11.2	31869
2002 GR ₁₂₉	2003 08 13.2	21 29.95	-24 42.0	20.3	-1.03	- 2.7	3.7/10.8	31592
1999 RU ₁₀₆	2003 08 13.2	21 29.95	-12 48.4	17.2	-1.10	+ 3.7	0.9/13.6	29077
2000 AQ ₈₂	2003 08 13.2	21 29.97	-13 58.2	19.2	-0.78	- 3.8	0.2/13.5	47841
2001 DS ₇₈	2003 08 13.2	21 29.98	-17 44.5	20.4	-0.66	- 3.3	0.8/12.4	17562
2000 AW ₂₃₀	2003 08 13.2	21 29.99	-01 35.5	19.5	-0.76	- 3.5	4.2/17.0	30349
1999 TB ₂₄₉	2003 08 13.2	21 30.01	+07 29.3	19.7	-0.77	- 4.7	7.4/19.9	47812
1999 JW ₅₁	2003 08 13.2	21 30.03	-20 29.5	18.4	-1.03	- 4.2	2.4/11.8	30296
2001 CA ₁₀	2003 08 13.2	21 30.05	-32 31.1	18.2	-1.09	- 4.3	6.8/08.2	33366
2000 TE ₁	2003 08 13.2	21 30.06	-62 09.7	22.2	-1.66	+ 0.2	11.3/30.8	47970
1999 TN ₁₄₂	2003 08 13.2	21 30.12	-39 35.1	18.1	-1.19	+ 1.9	11.2/07.6	2664
1997 GQ ₃₄	2003 08 13.3	21 30.11	-34 18.4	19.1	-1.04	- 1.6	6.9/08.3	30255
2002 CK ₃₇	2003 08 13.3	21 30.15	-16 33.4	18.9	-0.93	- 5.6	0.7/12.8	30643
1995 SD ₃₃	2003 08 13.3	21 30.23	-15 07.9	18.6	-0.88	- 4.3	0.2/13.2	47697
2002 BD ₁₃	2003 08 13.3	21 30.35	-27 37.6	18.9	-1.13	- 1.6	4.9/10.5	27820
2000 UA ₈₀	2003 08 13.3	21 30.38	-40 57.3	17.2	-1.06	- 3.9	10.6/05.7	31919
2002 EQ ₈₃	2003 08 13.3	21 30.41	-18 25.1	20.8	-0.98	- 4.5	1.3/12.4	30317
2002 CD ₂₆	2003 08 13.3	21 30.46	-17 56.5	23.9	-1.00	- 3.9	1.0/12.6	30640
2002 GW ₂₃	2003 08 13.4	21 30.45	-14 02.2	19.8	-0.96	- 4.6	0.3/13.6	31993
1999 DN	2003 08 13.4	21 30.45	-13 06.1	18.8	-0.66	- 2.0	0.4/13.8	41569
2002 GQ ₄₅	2003 08 13.4	21 30.48	-28 12.5	19.5	-1.03	- 4.1	4.9/09.8	31519
2002 JN ₈₉	2003 08 13.4	21 30.52	-17 24.4	19.3	-0.84	- 3.5	0.9/12.7	31722
1999 UZ ₂₇	2003 08 13.4	21 30.54	-09 58.8	20.0	-0.85	- 4.4	1.7/14.7	33835
2000 WF ₄₄	2003 08 13.4	21 30.62	-15 04.6	19.7	-0.97	- 5.6	0.1/13.3	33309
2000 CQ ₁₂₄	2003 08 13.4	21 30.62	-16 46.8	19.5	-0.62	- 3.6	0.5/12.9	47853
1999 RQ ₁₁	2003 08 13.4	21 30.66	-06 33.1	18.0	-0.89	- 4.0	3.5/15.7	47786
2001 BL ₂₂	2003 08 13.4	21 30.66	-04 43.0	19.8	-0.90	- 1.9	3.0/15.9	18310
2000 UW ₂₂	2003 08 13.4	21 30.66	-18 06.7	18.4	-0.84	- 8.0	1.7/12.4	47976
1998 GS ₆	2003 08 13.4	21 30.70	-31 49.4	18.8	-0.98	- 5.8	5.7/08.6	31814
1999 XJ ₇₅	2003 08 13.4	21 30.71	-28 11.9	17.9	-0.89	- 7.5	5.4/09.1	40412
2000 YX ₁₁₇	2003 08 13.4	21 30.71	-14 57.5	19.3	-0.97	- 3.2	0.1/13.4	12266
1999 XB ₂₂₀	2003 08 13.4	21 30.74	-24 47.9	19.4	-0.99	- 1.9	3.7/11.0	47836
2000 YX ₁₃₉	2003 08 13.4	21 30.80	-34 45.4	19.4	-1.08	- 1.2	6.4/08.5	12267

1999 VL ₁₉₁	2003 08 13.4	21 30.82	-20 23.1	20.1	-0.81	- 3.9	1.7/11.9	10520
2000 UW ₆₈	2003 08 13.4	21 30.82	-11 49.7	18.2	-0.98	- 4.0	1.2/14.2	30415
2002 CF ₂₂₁	2003 08 13.5	21 30.80	-28 04.0	20.6	-1.09	- 0.7	4.5/10.6	30685
1998 RU ₄₀	2003 08 13.5	21 30.82	-18 32.8	19.3	-0.84	- 4.7	1.3/12.4	33036
2001 CR ₁	2003 08 13.5	21 30.83	-18 51.3	19.8	-0.96	- 3.7	1.4/12.4	12283
2001 AJ ₃₄	2003 08 13.5	21 30.84	-24 41.6	18.5	-0.90	- 4.2	3.5/10.8	33892
2002 AU ₁₀₂	2003 08 13.5	21 30.87	-23 11.9	19.8	-1.01	- 6.0	3.5/11.2	35569
2001 BU ₁₁	2003 08 13.5	21 30.90	-23 18.1	19.6	-0.91	- 6.9	3.3/11.0	31389
1998 KN ₅₈	2003 08 13.5	21 31.01	-42 10.6	19.4	-1.09	- 3.7	9.4/05.9	30272
2002 EL ₁₂₁	2003 08 13.5	21 31.01	-22 07.3	19.9	-1.02	- 2.8	2.8/11.7	31476
1999 RB ₅₆	2003 08 13.5	21 31.10	-19 46.1	17.4	-0.76	- 8.2	2.4/11.9	34772
2000 WJ ₁₁₈	2003 08 13.5	21 31.14	-21 59.8	18.3	-1.00	- 3.0	3.4/11.7	31359
2002 AR ₁₇₇	2003 08 13.5	21 31.17	-16 14.5	19.4	-1.02	- 3.0	0.6/13.2	30626
2000 YQ ₃₉	2003 08 13.5	21 31.21	-22 46.3	18.1	-0.82	- 8.7	2.8/11.0	47998
2002 EV ₆₂	2003 08 13.5	21 31.21	-13 29.8	19.8	-1.06	- 4.4	0.5/13.9	31471
2002 FY ₂₄	2003 08 13.5	21 31.22	-17 35.5	19.8	-0.93	- 3.9	1.1/12.8	33976
2002 CX ₅₀	2003 08 13.5	21 31.23	-14 24.9	18.2	-0.92	- 4.8	0.1/13.7	27832
2000 UJ ₁₀₇	2003 08 13.5	21 31.24	-21 56.1	18.4	-0.84	- 8.9	3.6/11.3	33294
2000 AQ ₁₅₀	2003 08 13.6	21 31.18	-15 10.4	18.9	-0.73	- 7.7	0.1/13.4	13648
2001 AP ₃₀	2003 08 13.6	21 31.21	+07 08.5	18.6	-0.99	+ 0.9	7.4/18.5	48004
1993 TM ₄₁	2003 08 13.6	21 31.22	-00 29.6	19.7	-0.72	- 5.4	4.2/17.9	31804
2002 EU ₂₂	2003 08 13.6	21 31.25	-27 11.1	19.5	-1.06	- 4.1	4.8/10.4	30705
2002 KA ₈	2003 08 13.6	21 31.25	-26 27.7	19.0	-0.75	- 7.4	3.3/09.9	31761
2002 EV ₈₈	2003 08 13.6	21 31.27	-26 03.5	18.5	-0.83	- 3.3	4.1/10.6	48221
1999 VV ₁₁₁	2003 08 13.6	21 31.30	-20 53.3	18.8	-0.80	- 3.7	1.9/11.9	35488
1999 XP ₃₀	2003 08 13.6	21 31.31	+02 26.3	19.7	-0.71	- 3.8	4.7/18.6	31881
2000 WG ₃₂	2003 08 13.6	21 31.32	-20 16.7	17.5	-0.84	- 9.6	2.6/11.8	30424
3031 P-L	2003 08 13.6	21 31.32	-09 55.1	18.2	-0.87	- 0.7	1.6/14.7	32042
2000 WK ₄₁	2003 08 13.6	21 31.32	+02 32.9	19.2	-0.85	- 3.3	5.5/18.3	31923
2001 AJ ₃₇	2003 08 13.6	21 31.37	-33 49.6	17.8	-1.15	- 3.7	8.8/08.1	29666
2000 WW ₃₄	2003 08 13.6	21 31.46	-16 13.3	18.6	-0.90	- 7.8	0.6/13.2	31353
1998 DT ₂₂	2003 08 13.6	21 31.50	-14 03.8	18.2	-1.02	- 0.6	0.3/13.8	33764
1995 SH ₇₉	2003 08 13.6	21 31.51	-24 05.2	18.8	-1.11	+ 0.3	3.4/11.7	35439
2002 EY ₆₁	2003 08 13.6	21 31.52	-14 05.5	20.3	-0.97	- 4.0	0.2/13.8	30712
1999 XM ₅₄	2003 08 13.6	21 31.58	-28 22.1	19.6	-0.82	- 4.8	4.1/09.7	31882
2000 SC ₂₉₃	2003 08 13.7	21 31.55	-11 04.3	17.4	-1.07	+ 0.6	1.8/14.4	7597
2002 JU ₅	2003 08 13.7	21 31.56	-09 59.1	18.3	-0.80	- 9.6	1.7/15.2	33996
1998 HC ₂₄	2003 08 13.7	21 31.59	-17 30.4	18.5	-0.89	- 5.5	1.0/12.9	31814
2000 SH ₂₉₄	2003 08 13.7	21 31.60	-24 19.7	18.4	-1.18	+ 0.5	4.9/11.7	47965
1999 TA ₃₀₀	2003 08 13.7	21 31.61	-10 34.8	17.7	-1.01	+ 0.6	1.6/14.6	33118
2000 WR ₄₇	2003 08 13.7	21 31.66	-04 01.2	19.4	-0.90	- 5.3	4.5/16.7	47989
1998 KK ₁₆	2003 08 13.7	21 31.69	-37 02.9	19.5	-0.95	- 0.9	11.2/08.6	32333
2001 AB ₂₀	2003 08 13.7	21 31.73	-01 18.9	18.3	-0.86	- 4.0	5.2/17.4	31934
1998 UJ ₂₃	2003 08 13.7	21 31.75	-00 53.6	17.4	-0.92	+ 1.8	5.2/16.5	38525
2000 WC ₁₈	2003 08 13.7	21 31.80	-23 57.1	19.1	-0.96	- 4.0	3.3/11.3	29533
2002 HN ₃	2003 08 13.7	21 31.80	-19 18.2	19.2	-0.87	- 7.6	1.6/12.3	32011
1999 VS ₁₉₆	2003 08 13.7	21 31.93	-02 23.9	18.0	-0.75	- 7.8	4.4/17.6	31304
2000 SW ₂₉₄	2003 08 13.7	21 31.95	-26 07.8	17.4	-1.19	+ 3.5	6.4/11.7	7597
2002 JX ₈₄	2003 08 13.7	21 31.97	-12 47.0	20.2	-0.86	- 3.7	0.6/14.3	30218
2000 RX	2003 08 13.7	21 31.97	-17 00.4	18.7	-1.08	- 3.3	1.0/13.2	47931
1999 FJ ₉	2003 08 13.7	21 32.00	-14 42.4	17.6	-0.97	- 8.1	0.0/13.8	47773

2003 AUG. 6

M.P.C. 49343

1999 TR ₂₂₈	2003 08 13.8	21 31.99 -08 53.0 18.7 -0.84 - 8.3 2.5/15.6 1509
2000 VK ₄₃	2003 08 13.8	21 31.99 -20 15.8 18.7 -1.07 - 4.1 2.6/12.4 30421
1999 TE ₁₃₅	2003 08 13.8	21 32.01 -35 19.9 19.7 -1.10 + 1.1 8.8/09.2 33103
2001 CR ₄₆	2003 08 13.8	21 32.02 -30 13.2 20.5 -0.97 - 2.9 4.8/09.7 22766
2000 UH ₇₃	2003 08 13.8	21 32.06 -24 52.1 19.8 -0.93 - 4.5 3.0/11.0 12251
2000 QZ ₂₂₈	2003 08 13.8	21 32.07 -17 50.0 19.3 -1.10 - 0.9 1.6/13.1 47930
1999 CC ₁₅₆	2003 08 13.8	21 32.10 -04 39.6 18.1 -1.02 - 4.6 4.4/17.0 47771
2000 VF ₅₀	2003 08 13.8	21 32.11 -06 36.8 18.8 -0.99 - 2.6 3.7/15.7 9864
1998 RZ ₄₉	2003 08 13.8	21 32.13 -30 34.1 18.3 -0.96 - 1.3 5.1/09.8 30279
2652 P-L	2003 08 13.8	21 32.16 -13 49.3 19.8 -0.78 - 4.2 0.3/14.1 48386
1998 KU ₅	2003 08 13.8	21 32.16 -11 57.8 18.5 -0.79 -10.8 1.0/14.7 33768
2000 WR ₄₈	2003 08 13.8	21 32.19 -01 50.4 17.7 -0.97 - 2.9 5.1/17.0 12253
1998 KX ₃₈	2003 08 13.8	21 32.20 -36 47.6 19.0 -1.03 - 3.3 7.1/07.9 31817
2000 ST ₃₁₉	2003 08 13.8	21 32.23 -15 01.1 17.7 -0.89 - 2.4 0.1/13.8 12248
2002 DF ₆	2003 08 13.8	21 32.24 -17 35.4 19.5 -0.83 - 3.3 0.9/13.1 29921
2000 AY ₁₂₂	2003 08 13.8	21 32.25 -11 40.7 18.7 -0.75 - 5.5 1.0/14.7 47842
2000 RC ₅₃	2003 08 13.8	21 32.26 -20 19.6 18.3 -1.04 - 5.0 2.6/12.3 47935
1999 RK ₁₆	2003 08 13.8	21 32.27 -18 38.3 18.2 -1.04 - 2.8 1.7/12.9 34768
1999 VP ₂₂₆	2003 08 13.8	21 32.29 -23 49.4 19.1 -0.85 -10.5 3.5/10.7 18219
2000 TE ₃₄	2003 08 13.8	21 32.30 -06 29.5 18.5 -0.97 - 4.7 3.5/16.0 29429
2000 TE ₅₅	2003 08 13.8	21 32.31 +00 42.0 19.7 -0.88 - 5.6 5.0/18.3 31917
1997 AR ₁₅	2003 08 13.8	21 32.33 -15 46.3 19.7 -0.92 - 2.4 0.4/13.6 47708
2000 UN ₈₄	2003 08 13.8	21 32.34 -18 01.8 18.3 -0.91 - 5.4 1.7/12.9 29481
1998 JU ₁	2003 08 13.8	21 32.36 +13 59.4 19.0 -0.91 - 5.0 8.5/22.2 47731
2001 AW ₃₈	2003 08 13.9	21 32.31 -18 46.3 18.2 -0.85 - 5.5 1.6/12.7 30446
2002 EL ₂₆	2003 08 13.9	21 32.31 -08 04.9 18.7 -0.95 - 4.5 2.5/15.6 30705
2001 BO ₉	2003 08 13.9	21 32.32 -23 16.0 18.7 -0.98 - 4.0 3.6/11.6 30446
1999 JG ₃₇	2003 08 13.9	21 32.37 -25 52.9 17.8 -0.98 - 2.9 5.4/11.0 41575
2000 WA ₃₆	2003 08 13.9	21 32.38 -17 50.5 18.3 -0.81 - 9.5 1.5/12.9 47988
2001 CE ₄₂	2003 08 13.9	21 32.41 +03 47.0 19.2 -0.80 - 6.9 6.5/19.6 48009
2002 ED ₄₃	2003 08 13.9	21 32.43 -15 31.2 19.8 -0.96 - 4.3 0.3/13.7 48218
1999 XY ₂₂₇	2003 08 13.9	21 32.48 -11 06.5 19.5 -0.74 - 2.6 0.9/14.9 13639
2001 FD ₁₂₀	2003 08 13.9	21 32.49 -14 35.8 19.5 -0.73 - 3.8 0.0/13.9 17586
1998 HS ₉₈	2003 08 13.9	21 32.49 -02 17.8 18.2 -0.84 - 5.7 4.8/17.6 31815
2001 DC ₁₀₄	2003 08 13.9	21 32.50 -16 19.9 18.3 -0.81 - 3.3 0.6/13.5 30452
2001 DK ₅₁	2003 08 13.9	21 32.54 -28 39.4 19.4 -0.84 - 5.3 4.1/09.8 35542
1999 RG ₁₀₂	2003 08 13.9	21 32.61 +02 44.0 17.9 -0.92 - 1.6 5.8/18.2 47791
1998 FF ₆₅	2003 08 13.9	21 32.63 -02 28.4 18.2 -0.84 - 6.3 4.5/17.6 30264
2000 XE ₁₂	2003 08 13.9	21 32.64 -12 02.1 16.8 -1.05 0.0 1.3/14.5 9888
1995 UK	2003 08 13.9	21 32.64 -05 29.1 18.1 -0.81 - 2.7 4.5/16.3 47698
1993 TU ₉	2003 08 13.9	21 32.65 -11 43.8 20.1 -0.75 - 3.2 0.8/14.7 47688
2002 GK ₁₅₅	2003 08 13.9	21 32.66 -14 37.1 16.9 -0.79 - 9.3 0.0/14.0 35186
1999 UH ₃₆	2003 08 13.9	21 32.67 -27 52.7 18.6 -1.10 + 2.0 5.9/11.3 33124
2000 RP ₃₅	2003 08 13.9	21 32.70 -05 54.5 17.2 -0.93 - 4.2 4.3/16.3 27693
1999 TF ₂₈₇	2003 08 13.9	21 32.71 -07 27.1 18.0 -0.85 - 3.5 2.7/15.9 38219
2002 JC ₁₉	2003 08 13.9	21 32.73 -10 53.5 19.0 -0.82 - 5.4 1.2/15.0 33997
1998 FO ₇	2003 08 13.9	21 32.76 -21 41.1 19.7 -1.01 - 2.2 2.9/12.3 47725
1998 HM ₁₀₂	2003 08 14.0	21 32.70 +06 35.1 18.7 -0.85 - 4.1 7.2/20.2 31815
2000 TD ₂₈	2003 08 14.0	21 32.71 -09 03.3 19.0 -1.01 - 3.9 2.1/15.4 47972
2001 DD ₇₇	2003 08 14.0	21 32.74 -54 21.5 20.2 -1.72 + 0.6 12.8/02.1 11906
2000 WF ₁₇₁	2003 08 14.0	21 32.78 -12 49.0 19.6 -0.90 - 4.1 0.6/14.5 31927

2002 JS ₇₉	2003 08 14.0	21 32.81 -15 48.0 19.4 -0.80 - 3.7 0.4/13.7 48235
2001 BX ₆₉	2003 08 14.0	21 32.81 -11 32.4 19.7 -0.70 - 7.2 0.8/15.0 12281
2002 FQ ₂₁	2003 08 14.0	21 32.90 -06 32.0 20.2 -0.92 - 7.2 3.2/16.4 48225
2002 EY ₁₄₅	2003 08 14.0	21 32.93 -08 56.9 19.4 -0.91 - 4.0 2.1/15.5 30081
2002 GW ₄₅	2003 08 14.0	21 32.97 -04 13.4 18.4 -0.87 - 5.6 4.4/17.0 31519
1993 FJ ₄₅	2003 08 14.0	21 33.01 -11 47.9 19.5 -0.84 - 5.4 1.0/14.9 47687
2001 BL	2003 08 14.0	21 33.03 -21 59.2 19.1 -0.86 - 4.6 2.4/12.0 33892
1999 JY ₅₉	2003 08 14.0	21 33.03 -14 31.3 17.0 -0.81 - 6.5 0.0/14.1 47780
1998 SD ₈₇	2003 08 14.0	21 33.05 -01 18.3 18.5 -0.74 - 3.5 4.1/17.8 33780
1999 RX ₁₀₃	2003 08 14.0	21 33.06 +04 57.3 18.4 -0.77 - 8.5 7.4/20.6 30308
1999 TJ ₁₅₃	2003 08 14.0	21 33.11 -28 46.7 18.8 -1.01 - 1.6 5.5/10.5 30323
2002 GS ₆₆	2003 08 14.0	21 33.11 -17 22.8 20.3 -0.88 - 4.8 1.1/13.3 48228
1999 RP ₂₀₅	2003 08 14.0	21 33.12 +13 05.1 18.5 -0.78 - 5.4 10.9/22.9 33088
1988 RO ₁₂	2003 08 14.1	21 33.05 -15 03.9 19.1 -0.63 - 3.2 0.1/13.9 13532
2001 YY ₄	2003 08 14.1	21 33.10 -29 08.8 20.8 -1.38 - 2.7 6.0/10.7 30592
2000 YF ₅₄	2003 08 14.1	21 33.10 +14 15.3 20.3 -1.06 + 2.1 9.0/20.2 9902
2000 WO ₄₇	2003 08 14.1	21 33.15 -02 47.1 19.4 -0.91 - 5.1 5.0/17.3 30425
1999 TV ₁₉	2003 08 14.1	21 33.17 -37 58.4 18.5 -1.01 - 2.6 8.2/07.6 31865
2000 AR ₂₃₈	2003 08 14.1	21 33.21 -05 12.3 18.5 -0.85 - 0.7 3.0/16.3 33194
1998 HD ₁₅₂	2003 08 14.1	21 33.22 -10 17.4 19.4 -0.92 - 3.2 1.5/15.2 47731
2002 CX ₂₈₀	2003 08 14.1	21 33.29 -13 07.5 18.3 -0.89 - 6.4 0.7/14.6 48212
2001 DK ₂₀	2003 08 14.1	21 33.29 -28 25.6 20.5 -0.81 - 3.4 3.6/10.3 13813
2001 DH ₂₃	2003 08 14.1	21 33.29 -07 07.1 21.1 -0.78 - 3.6 2.1/16.2 48010
2002 KV ₉	2003 08 14.1	21 33.30 -14 29.0 19.2 -0.75 - 5.1 0.0/14.2 48238
2002 JO ₁₃₄	2003 08 14.1	21 33.30 -18 28.9 19.5 -0.84 - 4.0 1.4/13.1 33584
1999 XN ₅	2003 08 14.1	21 33.31 -12 59.8 19.0 -0.81 - 4.1 0.5/14.6 47827
1998 RE ₃₇	2003 08 14.1	21 33.32 -09 59.7 18.7 -0.84 - 2.5 1.6/15.3 27609
1999 VD ₈₁	2003 08 14.1	21 33.37 -15 36.5 18.4 -0.82 - 5.3 0.4/13.9 47821
2000 WX ₁₇₅	2003 08 14.1	21 33.40 -34 24.5 17.9 -1.22 - 3.1 8.4/08.7 12257
2002 LK ₆	2003 08 14.1	21 33.40 -08 51.5 19.7 -0.77 - 5.5 1.7/15.8 33597
1995 VC ₁₈	2003 08 14.2	21 33.45 -07 52.1 20.2 -0.84 - 4.1 2.4/16.0 47700
2000 DP ₉₉	2003 08 14.2	21 33.47 -22 13.6 20.7 -0.63 - 3.1 1.6/12.0 13175
1998 KZ ₅₇	2003 08 14.2	21 33.54 -17 56.4 19.8 -0.91 - 4.2 1.2/13.3 47732
2000 TD ₂₃	2003 08 14.2	21 33.56 -14 11.5 20.3 -1.00 - 4.9 0.1/14.3 47971
2000 TR ₆₃	2003 08 14.2	21 33.56 -05 09.8 18.9 -1.01 - 3.4 3.9/16.5 29436
1998 GU ₇	2003 08 14.2	21 33.61 -20 56.2 18.2 -0.77 -12.0 2.7/12.0 47728
2002 GW ₂₁	2003 08 14.2	21 33.62 +16 14.9 21.1 -0.74 - 4.0 8.3/24.7 48227
1999 VZ ₁₁₇	2003 08 14.2	21 33.63 +04 40.0 19.9 -0.76 - 6.3 6.2/20.3 30334
2001 CS ₂₇	2003 08 14.2	21 33.71 -29 49.4 17.5 -0.78 - 8.1 4.5/09.2 31938
2001 DQ ₉₈	2003 08 14.2	21 33.73 -04 34.3 19.2 -0.81 - 2.2 3.0/16.8 11917
2002 JD ₃₄	2003 08 14.2	21 33.74 +02 07.6 18.1 -0.74 - 3.9 5.5/19.1 31653
2000 AK ₁₆₅	2003 08 14.2	21 33.75 -08 12.1 18.4 -0.79 - 7.1 2.1/16.2 47844
2002 CS ₂₅₁	2003 08 14.2	21 33.75 -27 09.5 19.2 -1.11 - 4.0 5.1/11.0 31460
2000 UK ₈₀	2003 08 14.2	21 33.83 -04 45.8 19.9 -0.94 - 4.3 3.7/16.8 31345
2000 XD ₁₀	2003 08 14.2	21 33.87 -31 40.8 18.0 -1.02 - 3.3 6.3/09.6 30435
2002 CR ₁₇₄	2003 08 14.3	21 33.82 -23 57.0 19.0 -1.05 - 3.1 3.7/11.9 30675
2002 GQ ₁₆₁	2003 08 14.3	21 33.88 -39 37.4 19.3 -1.08 - 2.6 8.8/07.7 33993
2000 YK ₃₅	2003 08 14.3	21 33.89 -14 39.9 19.1 -1.01 - 5.9 0.1/14.3 11014
1999 VZ ₃₀	2003 08 14.3	21 33.91 +00 05.3 17.6 -0.80 - 3.0 5.9/18.2 34802
2000 WY ₁₇₀	2003 08 14.3	21 33.95 -20 35.3 18.7 -0.92 - 6.7 2.2/12.5 31927
1999 RR ₁₅₂	2003 08 14.3	21 34.00 -06 46.3 17.6 -0.78 - 5.8 3.8/16.6 47794

1998 MV ₁₇	2003 08 14.3	21 34.04 -12 39.0 19.6	-0.86 - 5.6	0.6/14.9	30272
1998 RC ₅₄	2003 08 14.3	21 34.11 -15 32.6 18.3	-0.86 - 1.6	0.4/14.1	31826
1999 VS ₈₂	2003 08 14.3	21 34.12 -04 44.1 19.4	-0.82 - 5.8	3.7/17.0	10504
1999 VS ₉₄	2003 08 14.3	21 34.17 -20 54.8 19.4	-0.89 - 3.6	2.2/12.7	33839
2000 YK	2003 08 14.3	21 34.20 -49 12.6 18.9	-1.34 - 0.4	11.5/04.8	30438
2002 EE ₃₁	2003 08 14.3	21 34.23 -16 50.0 20.7	-1.03 - 4.3	0.9/13.8	29974
2002 GZ ₈₈	2003 08 14.3	21 34.24 -20 24.3 18.4	-0.82 - 6.4	2.1/12.6	31561
2000 AK ₁₅₈	2003 08 14.4	21 34.21 -18 07.1 20.2	-0.82 - 4.1	1.1/13.4	17138
2002 JM ₇₃	2003 08 14.4	21 34.22 +02 32.2 18.1	-0.67 - 6.9	5.6/20.0	48235
2002 EN ₅₆	2003 08 14.4	21 34.24 -09 40.7 20.1	-0.87 - 6.0	1.8/15.8	29997
2001 BG ₂₂	2003 08 14.4	21 34.24 -18 43.0 19.6	-0.91 - 3.5	1.5/13.3	30447
2002 JN ₈₆	2003 08 14.4	21 34.29 +06 33.6 20.6	-0.76 - 4.1	6.7/20.8	31720
2002 GY ₁₁₈	2003 08 14.4	21 34.30 -14 25.8 20.1	-0.88 - 6.2	0.0/14.4	31588
1998 FO ₃₀	2003 08 14.4	21 34.33 -12 16.2 19.3	-0.93 - 4.6	0.7/15.0	35445
2002 EA ₁₃₉	2003 08 14.4	21 34.36 -09 14.1 19.3	-0.79 - 9.2	2.1/16.1	35574
2000 SG ₁₄₄	2003 08 14.4	21 34.39 -13 07.5 20.4	-1.03 - 4.2	0.5/14.8	47953
2001 BQ ₅₃	2003 08 14.4	21 34.45 -20 17.4 19.0	-0.73 - 7.0	1.7/12.6	31937
1999 RC ₁₆₄	2003 08 14.4	21 34.45 -15 44.1 19.0	-0.96 - 3.0	0.5/14.1	47794
2000 QV ₁₈₀	2003 08 14.4	21 34.56 -03 05.5 17.5	-0.97 - 1.8	5.0/17.0	10968
2002 EN ₁₅	2003 08 14.4	21 34.59 -13 18.8 19.7	-0.96 - 5.1	0.4/14.8	48216
2000 UW ₆₄	2003 08 14.4	21 34.62 -18 01.8 19.6	-1.06 - 3.4	1.4/13.6	47979
1996 XQ ₄	2003 08 14.4	21 34.63 -20 49.9 18.0	-1.02 - 1.1	3.0/13.0	47707
2002 CX ₁₄₆	2003 08 14.5	21 34.56 -13 35.3 18.7	-1.04 - 2.1	0.3/14.7	31969
2001 DT ₃₂	2003 08 14.5	21 34.56 -24 45.4 18.7	-0.91 - 0.6	3.3/12.0	12297
1999 XC ₄₉	2003 08 14.5	21 34.63 -01 31.4 19.2	-0.77 - 3.0	3.9/18.0	47829
2000 YO ₅₂	2003 08 14.5	21 34.64 -31 54.5 18.9	-0.88 - 7.2	5.6/08.9	29637
2000 WX ₃₆	2003 08 14.5	21 34.73 -15 01.5 15.6	-0.81 - 9.7	0.3/14.3	30425
1999 VA ₁₇₄	2003 08 14.5	21 34.74 +10 23.5 18.1	-0.81 - 0.3	11.4/21.0	685
2000 YR ₁₅	2003 08 14.5	21 34.76 +12 36.5 21.3	-1.08 + 2.1	8.2/20.0	11013
1999 VY ₅₂	2003 08 14.5	21 34.83 +06 36.8 17.6	-0.93 - 1.7	7.2/19.5	35487
1999 TG ₂₆₇	2003 08 14.5	21 34.84 -14 24.6 18.7	-0.94 - 1.3	0.0/14.6	47813
2002 CJ ₁₄₅	2003 08 14.5	21 34.84 -04 44.9 19.5	-0.79 -10.7	3.3/17.9	30669
2002 GR ₈₃	2003 08 14.5	21 34.87 -11 02.2 20.6	-0.91 - 7.2	1.2/15.5	48229
1998 CZ ₁	2003 08 14.5	21 34.92 -30 33.5 17.8	-0.92 - 7.3	5.9/09.6	31810
2000 JY ₃	2003 08 14.5	21 34.93 +25 47.8 18.6	-0.79 - 9.4	19.5/01.9	25783
1998 KQ ₁	2003 08 14.5	21 34.94 +04 23.2 18.3	-0.81 - 4.8	7.5/20.4	47731
1999 BH ₁₁	2003 08 14.5	21 35.03 -15 43.1 18.0	-1.08 - 3.5	0.6/14.3	47764
2000 VN ₃	2003 08 14.6	21 34.99 -04 40.4 19.3	-0.94 - 5.2	3.8/17.3	29497
2000 GP ₁₄₇	2003 08 14.6	21 35.03 -11 44.9 20.5	-0.57 - 4.4	0.5/15.4	14412
2002 ET ₂₆	2003 08 14.6	21 35.04 -06 49.1 17.9	-0.82 - 5.0	2.6/17.0	29963
1999 VK ₈₂	2003 08 14.6	21 35.12 -24 27.6 18.2	-0.91 - 3.4	4.0/11.9	35488
2000 WH ₁₁	2003 08 14.6	21 35.14 -33 38.7 19.1	-0.95 - 5.3	6.0/08.8	33886
1999 RE ₂₁₁	2003 08 14.6	21 35.14 -30 58.8 17.3	-1.25 + 8.5	8.5/12.9	47797
1998 HJ ₂₈	2003 08 14.6	21 35.14 -17 49.6 17.3	-1.05 - 2.8	1.5/13.8	47729
4225 P-L	2003 08 14.6	21 35.28 -17 42.5 19.2	-0.84 - 2.7	1.1/13.8	41949
2001 DL ₁₂	2003 08 14.6	21 35.35 -12 53.9 19.1	-0.72 - 6.6	0.4/15.1	35541
1999 RC ₂₂₄	2003 08 14.6	21 35.36 -30 51.9 17.7	-1.04 0.0	7.5/10.9	30315
1999 FW ₁₆	2003 08 14.6	21 35.36 -19 47.2 19.8	-1.12 - 2.4	2.5/13.4	47773
2002 JZ ₃₇	2003 08 14.6	21 35.37 -01 45.3 20.0	-0.77 - 3.3	3.9/18.2	48233
2000 WP ₁₈₆	2003 08 14.7	21 35.33 +12 32.6 20.4	-0.76 - 1.4	6.2/22.4	9886
2000 WK ₇₀	2003 08 14.7	21 35.37 -15 17.0 18.6	-1.01 - 2.5	0.3/14.5	30427

2002 GX ₅₆	2003 08 14.7	21 35.39 +03 02.8 20.3	-0.84 - 4.8	5.4/19.9	31997
1998 SA ₁₁₂	2003 08 14.7	21 35.42 -12 08.0 18.5	-0.73 - 5.1	0.6/15.4	31834
2001 DD ₃₉	2003 08 14.7	21 35.43 -10 05.4 19.9	-0.86 - 5.1	1.4/15.9	16091
1999 RK ₃₅	2003 08 14.7	21 35.45 -05 39.0 18.8	-0.90 - 1.4	2.8/16.8	9738
2000 VH ₂₁	2003 08 14.7	21 35.48 -02 53.6 19.9	-0.91 - 5.3	4.1/17.9	35536
1998 KM ₅₇	2003 08 14.7	21 35.58 -19 39.8 19.2	-0.90 - 5.2	1.8/13.3	31817
1997 HS ₁	2003 08 14.7	21 35.59 -12 35.0 18.0	-0.99 - 5.0	0.7/15.2	36352
1999 VM ₂₀₆	2003 08 14.7	21 35.60 -24 51.9 18.4	-0.86 - 3.0	3.5/12.0	30336
2001 CA ₃₇	2003 08 14.7	21 35.61 -16 37.3 21.4	-0.93 - 3.3	0.7/14.2	14923
2000 UC ₈₅	2003 08 14.7	21 35.61 -15 14.6 18.3	-0.95 - 5.3	0.3/14.5	30416
2001 CO ₄₄	2003 08 14.7	21 35.63 -30 56.8 20.1	-0.79 - 8.7	4.9/09.1	48010
2000 WK ₁₇₀	2003 08 14.7	21 35.69 -10 15.6 16.9	-1.03 + 0.7	2.1/15.6	41676
2000 RX ₄₈	2003 08 14.7	21 35.73 -13 22.3 18.1	-1.11 - 1.7	0.4/15.0	9810
1998 FR ₇₇	2003 08 14.8	21 35.68 -19 47.4 18.8	-0.98 - 5.6	2.0/13.3	31813
2000 YF ₉₉	2003 08 14.8	21 35.70 +00 16.7 18.1	-1.02 + 2.5	6.4/17.6	9536
2000 YA ₁₀₂	2003 08 14.8	21 35.72 -11 00.3 19.7	-0.93 - 7.8	1.3/15.8	13801
1999 VO ₈₂	2003 08 14.8	21 35.72 -48 28.0 17.6	-0.97 + 1.0	16.5/04.4	1202
2000 VR ₅₆	2003 08 14.8	21 35.78 -05 31.4 19.1	-0.99 - 2.5	3.7/17.0	47986
2002 JV ₈₁	2003 08 14.8	21 35.86 -20 30.4 18.3	-0.99 - 4.3	2.8/13.2	48235
2000 US ₂₀	2003 08 14.8	21 35.86 -15 20.2 18.0	-0.95 - 5.5	0.4/14.6	30412
2000 UJ ₉₂	2003 08 14.8	21 35.94 -02 19.4 18.0	-1.00 - 2.2	5.6/17.7	7624
1999 VO ₂₇	2003 08 14.8	21 35.99 -24 13.6 18.6	-0.93 - 2.9	3.3/12.2	31874
2002 JG ₂₃	2003 08 14.8	21 35.99 +03 28.3 19.3	-0.72 - 5.1	5.5/20.5	33997
2002 CU ₇₄	2003 08 14.8	21 35.99 -15 06.3 17.7	-0.81 - 8.5	0.4/14.6	31967
1999 RW ₂₀₂	2003 08 14.8	21 36.08 -10 21.6 19.5	-0.98 - 0.8	1.4/15.8	11554
2000 UC ₃₆	2003 08 14.8	21 36.13 -22 05.3 19.0	-1.07 - 4.1	3.1/12.9	31918
2002 GG ₃₈	2003 08 14.8	21 36.13 -38 35.0 18.0	-1.74 + 5.3	12.1/10.9	31511
2001 FB ₁₂₇	2003 08 14.9	21 36.06 -13 57.4 19.4	-0.69 - 5.0	0.1/15.0	48025
1999 RX ₁₉₈	2003 08 14.9	21 36.10 +08 57.0 17.8	-0.87 - 0.8	10.2/20.8	47796
2002 FK ₂₀	2003 08 14.9	21 36.18 -21 08.9 18.9	-0.83 - 6.7	2.5/12.9	48225
2001 FE ₁₀₀	2003 08 14.9	21 36.18 -28 09.2 20.4	-0.88 - 1.9	4.0/11.3	13839
2002 GR ₅₀	2003 08 14.9	21 36.21 +05 36.9 19.0	-0.83 - 4.9	7.1/21.0	33980
1999 XK ₈₈	2003 08 14.9	21 36.25 -00 44.6 19.2	-0.78 - 2.4	4.3/18.5	47831
2000 SB ₁₀	2003 08 14.9	21 36.25 -51 42.2 19.7	-1.97 + 7.4	16.9/08.2	29310
2002 JE ₈	2003 08 14.9	21 36.25 -10 23.9 19.2	-0.90 - 7.0	1.3/16.1	30179
2001 BM ₁₆	2003 08 14.9	21 36.34 -26 13.8 18.8	-0.95 - 1.1	3.9/12.1	12274
2002 GJ ₁₂₇	2003 08 14.9	21 36.35 -04 58.1 17.6	-0.81 - 4.9	4.7/17.6	48230
1999 TJ ₁₃₅	2003 08 14.9	21 36.36 -19 38.7 18.8	-0.91 - 2.7	2.0/13.6	31868
2000 SA ₂₀₉	2003 08 14.9	21 36.37 -22 01.6 17.9	-0.97 - 7.8	3.5/12.6	41673
2001 FB ₁₀₃	2003 08 14.9	21 36.42 -13 45.1 20.1	-0.84 - 4.9	0.2/15.1	48023
2000 SG ₁₄₁	2003 08 14.9	21 36.42 -20 02.7 17.9	-1.11 + 0.2	2.9/13.8	47953
1999 FW ₂₆	2003 08 14.9	21 36.46 -24 42.0 18.9	-1.09 - 4.4	4.3/12.3	47773
1999 XF ₆₆	2003 08 14.9	21 36.46 -26 34.0 20.9	-0.81 - 4.4	3.3/11.4	6263
1999 SG ₂₃	2003 08 14.9	21 36.47 -33 55.4 18.7	-1.20 + 2.4	8.4/11.0	33092
2000 WH ₁₂₂	2003 08 14.9	21 36.51 -05 09.9 17.7	-0.92 - 2.6	3.9/17.3	30429
2002 JE ₈₄	2003 08 15.0	21 36.53 -12 20.7 19.4	-0.80 - 4.4	0.7/15.6	48235
2000 UM ₆₀	2003 08 15.0	21 36.54 -02 12.5 18.4	-0.96 - 4.6	4.9/18.2	30415
1999 RG ₁₉₉	2003 08 15.0	21 36.54 -28 44.0 17.9	-1.18 + 0.5	6.1/11.7	47796
2002 DX ₈	2003 08 15.0	21 36.56 -37 34.4 19.0	-1.12 - 2.1	9.0/09.2	30698
2000 QF ₉₂	2003 08 15.0	21 36.63 -13 58.9 18.2	-1.11 - 2.5	0.1/15.1	31912
1995 KQ ₃	2003 08 15.0	21 36.64 -04 04.9 19.7	-0.92 - 5.2	3.9/17.9	31805

2000 TR ₁₅	2003 08 15.0	21 36.67	-12 05.0	20.6	-0.97	- 4.9	0.8/15.6	31340
2000 AN ₂₀₁	2003 08 15.0	21 36.69	+00 55.5	19.8	-0.70	- 5.8	4.1/19.7	13651
2000 RU ₃₀	2003 08 15.0	21 36.69	-10 06.8	18.4	-1.10	- 0.5	2.1/15.9	13724
1998 SK ₅	2003 08 15.0	21 36.74	+00 27.9	20.6	-0.67	- 6.2	3.7/19.8	47742
2000 RJ ₃₃	2003 08 15.0	21 36.81	-12 58.3	17.7	-0.88	- 1.3	0.7/15.4	47934
1995 VN ₁₁	2003 08 15.0	21 36.88	-25 05.9	19.4	-0.90	- 5.1	4.1/12.0	47699
2000 RA ₂₂	2003 08 15.0	21 36.90	-11 37.2	17.8	-1.07	- 1.7	1.3/15.7	13723
1999 TD ₂₂₁	2003 08 15.1	21 36.82	-16 44.3	19.2	-0.92	- 2.3	0.9/14.5	33832
1999 JK ₁₃₀	2003 08 15.1	21 36.83	-17 04.8	17.9	-0.73	- 7.3	1.5/14.2	47782
1999 XT ₁₈₃	2003 08 15.1	21 36.87	-12 59.6	17.8	-0.87	- 1.5	0.4/15.4	25767
2000 WD ₁₃₅	2003 08 15.1	21 36.90	-21 45.2	18.3	-1.09	- 1.7	2.7/13.3	12256
2000 DC ₁₀₈	2003 08 15.1	21 36.94	-17 37.2	17.5	-0.75	-11.1	1.2/13.9	31324
1994 RA	2003 08 15.1	21 36.97	-04 50.9	19.4	-0.78	- 6.9	3.2/18.0	47693
1999 RS ₁₆₃	2003 08 15.1	21 37.03	-10 58.2	18.0	-0.81	- 3.3	1.6/16.0	35479
2000 SV ₈₆	2003 08 15.1	21 37.10	-26 19.2	18.5	-1.07	- 5.5	4.8/11.8	30390
2000 US ₈₀	2003 08 15.1	21 37.12	+01 11.8	19.0	-0.91	- 3.9	5.8/19.4	29479
2000 YR ₄₀	2003 08 15.1	21 37.13	-11 22.6	19.1	-0.93	- 4.6	1.0/15.9	33889
2000 UF ₂₄	2003 08 15.1	21 37.14	-20 10.2	19.8	-0.99	- 6.0	2.2/13.5	47976
2002 EJ ₃₅	2003 08 15.1	21 37.20	-15 36.6	18.8	-0.78	- 3.9	0.5/14.8	48217
2002 FH ₂₅	2003 08 15.1	21 37.20	-46 09.8	19.6	-1.21	- 0.4	12.0/06.9	31488
1998 SC ₁₁₁	2003 08 15.1	21 37.24	-08 07.1	17.9	-0.75	- 4.2	2.3/17.0	47748
2002 CM ₂₁₅	2003 08 15.1	21 37.25	-13 09.0	19.0	-0.98	- 6.7	0.4/15.5	30683
2002 JR ₆₀	2003 08 15.2	21 37.19	-27 16.7	18.4	-0.90	- 2.0	4.1/11.8	31687
1997 YU ₆	2003 08 15.2	21 37.29	-20 52.6	18.2	-0.95	- 7.3	2.6/13.2	31810
1999 XS ₅₇	2003 08 15.2	21 37.29	-37 32.1	18.7	-0.88	- 5.0	7.2/07.9	31882
2000 SS ₂₆₉	2003 08 15.2	21 37.35	-25 29.2	17.8	-0.99	- 5.5	4.4/12.1	31916
1999 UU ₂₈	2003 08 15.2	21 37.38	-22 36.4	19.5	-0.91	- 3.5	3.2/13.0	30329
2002 ED ₁₀₄	2003 08 15.2	21 37.40	-17 20.7	21.1	-0.87	- 6.0	1.0/14.3	31982
1999 TA ₁₅₁	2003 08 15.2	21 37.46	-20 46.0	19.7	-0.90	- 4.3	2.2/13.4	12955
2001 CK ₂₄	2003 08 15.2	21 37.47	-09 55.6	19.2	-0.89	- 3.7	1.5/16.4	10771
2002 GJ ₉	2003 08 15.2	21 37.49	-22 14.1	19.0	-0.80	- 4.5	2.7/13.0	30129
1999 VV ₇₇	2003 08 15.2	21 37.51	-27 43.3	19.7	-0.92	- 3.0	4.3/11.6	12994
2002 GM ₁₁	2003 08 15.2	21 37.55	-06 37.2	20.8	-0.79	- 6.1	2.4/17.6	30132
2000 UP ₁₇	2003 08 15.2	21 37.57	-13 43.2	20.8	-0.94	- 7.3	0.2/15.4	47975
2000 YP ₃₉	2003 08 15.2	21 37.58	-06 11.5	18.8	-0.90	- 2.2	2.7/17.3	31930
2000 AA ₁₈₈	2003 08 15.3	21 37.58	-21 57.3	17.3	-0.75	-11.8	3.1/12.5	30348
1981 ER ₁₈	2003 08 15.3	21 37.59	-17 28.1	18.6	-0.95	- 3.2	1.1/14.5	35432
2000 YM ₆₃	2003 08 15.3	21 37.62	-09 37.9	19.9	-0.85	- 2.7	1.4/16.5	13801
2001 CT ₄₁	2003 08 15.3	21 37.67	-06 02.6	19.8	-0.80	- 5.2	2.9/17.7	48009
1988 SR ₂	2003 08 15.3	21 37.79	-16 56.6	18.8	-0.66	- 3.0	0.7/14.6	33751
5478 T-2	2003 08 15.3	21 37.86	+04 10.0	19.4	-0.82	- 3.1	7.6/20.4	3848
2002 JX ₁₂₀	2003 08 15.3	21 37.87	-20 16.5	20.5	-0.84	- 6.4	1.8/13.5	33579
2000 UF ₁₀₄	2003 08 15.3	21 37.87	-23 22.7	19.5	-0.91	- 3.6	2.7/12.9	31920
2000 SB ₃₀₀	2003 08 15.3	21 37.87	-20 06.6	18.8	-1.06	- 3.0	2.1/13.9	31338
2000 YP ₁₄	2003 08 15.3	21 37.90	-16 32.6	19.3	-0.95	- 3.4	0.9/14.8	47998
2000 SA ₂₀₆	2003 08 15.3	21 37.91	-19 41.7	18.2	-1.01	- 4.5	2.2/13.9	30399
2000 WB ₆₈	2003 08 15.3	21 37.96	-02 09.9	19.9	-0.94	- 3.7	4.9/18.5	9874
1988 CN ₅	2003 08 15.3	21 37.99	-04 06.1	19.8	-0.79	- 6.8	3.0/18.5	47681
1999 TM ₇₀	2003 08 15.3	21 37.99	-21 06.2	18.6	-0.89	- 3.2	2.5/13.5	47803
2002 CQ ₁₂₄	2003 08 15.3	21 38.00	-09 31.2	19.6	-0.97	- 5.0	1.7/16.6	30664
2002 CG ₁₇₃	2003 08 15.3	21 38.01	-21 40.7	19.9	-1.02	- 4.8	2.9/13.4	48208

1999 TJ ₂₀₆	2003 08 15.4	21 37.94	-59 36.4	17.4	-1.30	- 1.0	13.6/31.2	33832
2000 YE ₁₄₃	2003 08 15.4	21 37.95	-05 51.9	18.1	-0.90	- 3.9	3.5/17.6	37533
1999 TJ ₂₇₀	2003 08 15.4	21 37.95	+00 02.2	17.6	-0.84	- 3.2	5.0/19.3	31871
2002 FE ₃₁	2003 08 15.4	21 38.03	-33 46.2	18.6	-0.91	- 6.8	6.9/09.3	35575
1999 VF ₁₃₉	2003 08 15.4	21 38.07	-19 50.3	20.3	-0.80	- 4.8	1.8/13.8	34811
1999 JC ₁₃₁	2003 08 15.4	21 38.07	-24 04.8	20.3	-1.04	- 5.3	4.0/12.7	47782
1999 TS ₁₈₄	2003 08 15.4	21 38.15	-39 31.9	19.4	-1.39	+ 3.4	9.2/10.3	13614
2000 VM ₅₇	2003 08 15.4	21 38.19	-35 50.2	18.7	-1.03	- 3.2	7.1/09.5	31922
1998 UU	2003 08 15.4	21 38.23	+12 42.2	17.4	-1.42	+ 6.0	13.2/19.4	30287
1999 XR ₁₇₂	2003 08 15.4	21 38.28	-03 32.4	18.7	-0.81	- 0.7	2.9/18.1	39565
1999 VR ₈₂	2003 08 15.4	21 38.29	-04 40.7	19.6	-0.81	- 5.9	3.9/18.3	30333
2000 UB ₁₀₀	2003 08 15.4	21 38.32	-25 11.8	18.3	-1.04	- 1.7	5.3/12.8	47982
2001 EP ₂₅	2003 08 15.4	21 38.34	+00 00.2	20.0	-0.81	- 4.9	4.5/19.6	17571
2002 AR ₆₆	2003 08 15.4	21 38.35	-09 31.5	19.4	-0.97	- 4.7	1.7/16.7	30611
2000 AT ₁₄	2003 08 15.4	21 38.36	-20 05.0	19.5	-0.83	- 4.1	1.9/13.8	47838
2000 SZ ₁₁₂	2003 08 15.4	21 38.38	-12 41.5	18.1	-0.95	- 6.0	0.7/15.9	47950
2000 QH ₁₂₁	2003 08 15.5	21 38.33	-12 20.0	17.2	-1.07	- 2.8	0.8/15.9	31912
1999 RO ₁₆	2003 08 15.5	21 38.34	-17 21.0	19.5	-0.97	- 3.0	1.3/14.7	10362
2000 SO ₁₀₆	2003 08 15.5	21 38.38	-24 15.5	18.2	-1.13	- 1.8	3.8/13.2	31914
2000 SC ₈₅	2003 08 15.5	21 38.41	-13 35.4	18.5	-0.95	- 6.2	0.2/15.7	47948
2000 CL ₇₃	2003 08 15.5	21 38.44	-13 24.4	19.9	-0.80	- 4.1	0.2/15.7	47851
2000 SB ₂₇₀	2003 08 15.5	21 38.53	-29 12.3	18.5	-1.07	- 5.1	6.0/11.2	30402
1998 DB ₂₈	2003 08 15.5	21 38.54	-06 46.0	20.2	-0.97	- 5.0	2.7/17.5	47724
2000 BK ₂₆	2003 08 15.5	21 38.55	-15 42.9	19.2	-0.78	- 5.3	0.5/15.1	12234
1999 RM ₁₄₅	2003 08 15.5	21 38.55	-15 08.7	17.5	-1.13	+ 3.8	0.5/15.4	47793
2000 CS ₄	2003 08 15.5	21 38.55	-13 24.7	18.8	-0.80	- 4.2	0.2/15.7	12235
2002 ET ₂₅	2003 08 15.5	21 38.56	-27 15.9	20.3	-1.12	+ 0.1	4.9/12.7	30705
2000 WK ₂₃	2003 08 15.5	21 38.73	-13 21.2	18.1	-0.88	- 7.0	0.3/15.8	30424
4537 P-L	2003 08 15.5	21 38.74	-22 10.8	19.7	-1.14	- 2.5	3.6/13.6	48387
2000 TD ₅₁	2003 08 15.5	21 38.76	-30 52.1	18.4	-0.90	- 7.5	8.3/10.1	47973
2000 SN ₂₇₁	2003 08 15.6	21 38.69	-30 45.8	19.3	-1.09	- 5.2	7.0/10.8	33271
1999 RQ ₁₀₉	2003 08 15.6	21 38.73	-12 12.0	16.2	-1.08	+ 5.0	0.9/15.9	40364
2000 UN ₉₃	2003 08 15.6	21 38.82	+02 42.8	18.0	-0.93	- 4.1	6.2/20.3	30417
3004 T-2	2003 08 15.6	21 38.86	-14 19.5	19.2	-0.95	- 5.7	0.1/15.6	48390
2002 JS ₁₂₀	2003 08 15.6	21 38.91	-19 36.0	19.7	-0.73	- 7.9	1.8/13.9	48237
1998 KL ₉	2003 08 15.6	21 38.91	+02 20.1	20.6	-0.83	- 4.9	4.8/20.5	31817
2001 FU ₉₃	2003 08 15.6	21 38.93	-21 06.8	18.4	-0.78	- 7.2	2.2/13.4	31944
2000 WH ₁₅₃	2003 08 15.6	21 39.05	-16 25.3	18.6	-0.89	- 5.4	1.1/15.0	47993
2000 AD ₁₆₆	2003 08 15.6	21 39.06	-17 28.2	18.0	-0.72	- 9.0	0.9/14.5	33858
2002 EC ₆₆	2003 08 15.6	21 39.08	-09 16.8	17.2	-0.78	- 4.7	1.9/17.1	31979
1999 RE ₁₇₉	2003 08 15.6	21 39.10	-22 32.4	17.4	-0.91	- 4.6	3.4/13.3	30312
2002 EA ₅₅	2003 08 15.6	21 39.10	-24 02.3	19.1	-1.02	- 1.2	4.0/13.3	31978
2002 EE ₅₂	2003 08 15.7	21 39.06	-23 59.7	19.7	-1.00	- 1.6	3.6/13.3	29994
1999 TE ₁₂₂	2003 08 15.7	21 39.08	-05 31.3	18.5	-0.82	- 4.5	2.9/18.1	31868
2001 FS ₁₈₆	2003 08 15.7	21 39.10	-25 21.9	19.0	-0.79	- 3.5	3.2/12.5	15828
1999 RM ₁₂₄	2003 08 15.7	21 39.10	-16 44.2	18.3	-1.08	+ 1.7	1.1/15.2	31263
1998 FG ₃₈	2003 08 15.7	21 39.11	-08 01.9	19.2	-0.87	- 6.9	2.2/17.5	47726
2000 UP ₄₃	2003 08 15.7	21 39.14	-12 52.5	17.7	-0.79	- 4.9	0.6/16.1	47977
2000 UC ₉₀	2003 08 15.7	21 39.14	-22 22.7	20.0	-1.06	- 3.5	3.2/13.6	29483
1999 FV ₁₈	2003 08 15.7	21 39.15	-19 24.9	20.0	-1.10	- 4.0	2.1/14.4	24985
2001 CJ ₂₂	2003 08 15.7	21 39.17	-20 00.6	18.8	-0.83	- 6.3	2.1/13.9	30449

2002 CS ₃₁	2003 08 15.7	21 39.22	-21 35.9	18.6	-1.07	- 2.1	3.3/13.9	48199
2001 DJ ₁₀₀	2003 08 15.7	21 39.23	-13 05.9	20.1	-0.76	- 3.8	0.3/16.0	35024
2000 CG ₁₂₂	2003 08 15.7	21 39.25	-17 47.1	19.1	-0.78	- 4.0	1.1/14.7	29210
2001 FN ₁₂₆	2003 08 15.7	21 39.26	-35 43.2	20.5	-0.91	- 1.8	5.9/09.7	48024
2002 GU ₁₃₇	2003 08 15.7	21 39.31	-12 25.8	19.0	-0.83	- 3.0	0.6/16.2	31594
1999 VZ ₁₉₄	2003 08 15.7	21 39.37	+00 55.9	17.6	-0.96	+ 2.2	6.7/18.9	41584
1999 VL ₁₉₈	2003 08 15.7	21 39.39	-20 46.8	20.2	-0.80	- 6.1	2.0/13.7	17087
1999 QQ ₂	2003 08 15.7	21 39.46	-24 06.3	17.7	-1.15	+ 0.5	4.1/13.6	12148
2002 CY ₁₀₈	2003 08 15.7	21 39.48	-13 41.9	18.8	-0.95	- 7.1	0.1/15.9	30660
2002 JH ₁₀₅	2003 08 15.8	21 39.44	-30 08.8	20.3	-0.85	- 4.1	5.2/11.0	48236
2002 JW ₁₃₁	2003 08 15.8	21 39.47	-12 11.8	18.7	-0.92	- 4.1	0.7/16.3	33583
2002 ED ₉₆	2003 08 15.8	21 39.47	-00 39.9	19.9	-0.78	- 6.4	5.0/20.0	48222
2002 GN ₈₈	2003 08 15.8	21 39.52	-08 59.8	19.3	-0.86	- 7.1	1.8/17.3	31561
2000 SQ ₂₀₆	2003 08 15.8	21 39.54	-06 36.4	19.5	-0.93	- 5.8	2.9/17.9	30399
2000 SG ₁₁₆	2003 08 15.8	21 39.63	-22 35.8	18.3	-0.94	- 4.0	4.5/13.5	29347
2000 WB ₅₁	2003 08 15.8	21 39.63	-22 50.4	18.3	-1.07	- 2.5	4.2/13.6	29548
2002 JH ₅₄	2003 08 15.8	21 39.80	-13 01.3	19.0	-0.77	- 3.7	0.3/16.2	31682
2002 CK ₃₈	2003 08 15.8	21 39.84	-17 33.0	20.2	-0.98	- 5.7	1.3/14.9	30643
2002 EP ₆₈	2003 08 15.8	21 39.85	-24 30.1	19.6	-1.06	- 0.8	4.1/13.5	30009
1999 FZ	2003 08 15.9	21 39.82	-09 41.4	18.0	-0.93	- 5.8	2.0/17.1	47772
2000 AE ₁₈₈	2003 08 15.9	21 39.85	-21 10.5	17.6	-0.88	-10.8	2.7/13.5	40442
2002 JR ₈₈	2003 08 15.9	21 39.87	-17 50.9	19.3	-0.83	- 3.8	1.4/14.8	35577
1992 RR ₇	2003 08 15.9	21 39.89	-19 19.8	17.8	-0.82	- 5.5	2.7/14.3	28930
2002 GC ₁₀₅	2003 08 15.9	21 39.91	+01 41.6	16.7	-0.55	-17.5	6.9/22.7	48230
2000 WJ ₄₃	2003 08 15.9	21 39.92	-03 40.6	18.3	-0.91	- 5.2	4.6/18.8	31923
2000 RX ₅₇	2003 08 15.9	21 39.92	-19 15.3	19.5	-1.11	- 1.7	2.3/14.7	30382
1998 QW ₅₉	2003 08 15.9	21 40.10	-10 55.9	19.4	-0.73	- 5.7	1.1/16.9	47736
2000 CL ₁₃	2003 08 15.9	21 40.10	-12 09.6	19.3	-0.73	- 3.8	0.5/16.5	13654
1999 XJ ₂₇	2003 08 15.9	21 40.11	-34 30.0	18.4	-0.94	- 5.7	7.8/09.3	34823
2002 FP ₆	2003 08 15.9	21 40.11	-08 34.8	19.6	-0.88	- 6.0	2.1/17.5	48224
1999 RF ₂₀₈	2003 08 15.9	21 40.18	+16 37.1	17.9	-0.70	- 5.6	13.5/27.9	47797
1999 RL ₉₃	2003 08 15.9	21 40.19	-32 59.2	19.4	-1.12	+ 0.6	7.7/11.6	33081
2002 JV ₈₈	2003 08 15.9	21 40.20	-09 48.3	20.2	-0.86	- 4.4	1.5/17.1	48236
2000 QP ₅	2003 08 15.9	21 40.21	-15 51.9	17.8	-1.10	0.0	1.0/15.6	27674
2001 FV ₄₉	2003 08 16.0	21 40.19	+05 59.6	19.8	-0.68	- 4.4	5.0/22.2	13303
2000 UG	2003 08 16.0	21 40.23	-06 23.7	17.9	-0.98	- 4.6	3.2/18.0	29437
1998 QJ ₅₉	2003 08 16.0	21 40.25	-22 27.6	20.4	-0.89	- 2.4	2.5/13.8	30275
2002 ER ₃₀	2003 08 16.0	21 40.36	-18 59.4	18.8	-0.99	- 4.3	1.8/14.7	31977
2002 GG ₁₆₁	2003 08 16.0	21 40.38	-19 14.6	20.6	-0.93	- 6.9	1.9/14.5	48231
1999 RS ₁₄₅	2003 08 16.0	21 40.40	-04 23.8	17.7	-0.78	- 6.6	4.3/19.0	35478
2002 LM ₃	2003 08 16.0	21 40.47	+19 36.8	19.8	-0.70	- 5.0	8.2/28.0	33595
2001 DT ₅₂	2003 08 16.0	21 40.49	-20 31.1	19.1	-0.95	- 4.2	2.2/14.3	12300
2001 CJ ₃₈	2003 08 16.0	21 40.52	-18 31.6	17.2	-1.06	+ 2.0	1.5/15.2	31397
2000 WD ₁₀₁	2003 08 16.0	21 40.52	-28 37.2	18.4	-0.91	- 6.3	4.7/11.6	31925
1999 RR ₉₁	2003 08 16.0	21 40.53	-12 55.4	18.3	-0.83	- 6.6	0.4/16.4	1453
2002 GG ₅₂	2003 08 16.0	21 40.56	-21 40.4	20.5	-1.00	- 3.9	2.9/14.0	48228
1998 KU ₆₃	2003 08 16.0	21 40.57	-15 20.1	20.2	-0.86	- 5.9	0.5/15.7	47732
1998 SL ₂₁	2003 08 16.0	21 40.58	-11 09.2	19.5	-0.76	- 3.4	0.9/16.9	5500
2002 FV ₂₂	2003 08 16.0	21 40.59	-37 59.1	17.3	-0.90	- 3.2	11.2/08.7	31487
2001 AH ₂₂	2003 08 16.0	21 40.63	-18 36.8	19.6	-0.81	- 8.0	1.5/14.6	34995
1998 QC ₃₀	2003 08 16.1	21 40.57	-06 45.7	19.0	-0.82	- 2.2	2.2/18.0	31820

2000 AZ ₂	2003 08 16.1	21 40.58	-14 39.5	18.6	-0.84	- 2.8	0.2/15.9	2708
2002 CJ ₇₉	2003 08 16.1	21 40.62	-15 29.7	20.0	-1.00	- 4.1	0.6/15.7	30653
4821 P-L	2003 08 16.1	21 40.64	-14 12.9	18.7	-0.85	- 5.8	0.1/16.0	36579
2002 CG ₁₄₀	2003 08 16.1	21 40.67	-02 50.8	18.3	-0.83	- 8.5	4.6/19.7	48206
1999 GG ₃₆	2003 08 16.1	21 40.68	-20 30.2	18.6	-1.09	- 2.7	2.8/14.5	30293
1999 KR ₇	2003 08 16.1	21 40.69	-29 59.6	19.2	-1.13	- 3.2	6.8/12.1	47783
2000 AG ₁₆₇	2003 08 16.1	21 40.80	-04 54.8	20.3	-0.70	- 4.5	2.2/18.8	47844
2001 EJ ₄	2003 08 16.1	21 40.80	-18 35.6	20.7	-0.76	- 3.7	1.2/14.8	11930
1998 QQ ₆₀	2003 08 16.1	21 40.84	-09 56.5	18.4	-1.00	+ 1.6	1.5/17.0	38784
2000 SU ₂₃₁	2003 08 16.1	21 40.87	-43 49.4	19.6	-1.54	+ 3.2	11.6/10.7	30400
1999 JR ₁₁₀	2003 08 16.1	21 40.87	-19 45.4	19.2	-0.98	- 4.0	2.7/14.6	41578
1999 RS ₁₄	2003 08 16.1	21 40.87	-06 39.3	17.9	-0.79	- 3.5	3.5/18.2	47787
2000 SC ₁₃₈	2003 08 16.1	21 40.90	-10 33.4	18.5	-1.03	- 3.2	1.3/17.0	29355
1995 SB ₃₃	2003 08 16.1	21 40.95	-09 57.8	18.6	-0.83	- 6.9	1.6/17.4	35439
1998 RW ₅₃	2003 08 16.1	21 40.97	-22 31.6	18.1	-0.93	+ 0.1	2.7/14.2	31826
1993 BW ₈	2003 08 16.1	21 40.97	-18 04.0	19.2	-0.88	- 5.4	1.6/15.0	47685
1999 TY ₁₂₂	2003 08 16.2	21 40.93	-19 28.6	17.7	-0.99	- 2.2	2.5/14.8	12172
2000 WG ₅₅	2003 08 16.2	21 40.95	-19 24.5	19.0	-0.91	- 4.9	1.8/14.6	13797
2000 UV ₇₁	2003 08 16.2	21 40.95	-13 44.9	19.8	-1.00	- 4.2	0.1/16.2	29475
2002 EM ₁₀₃	2003 08 16.2	21 40.96	-25 34.8	17.9	-0.90	- 5.9	4.8/12.8	37749
2000 YF ₁₆	2003 08 16.2	21 40.97	-09 10.9	18.7	-0.87	- 4.3	1.5/17.5	12260
2001 DT ₇₅	2003 08 16.2	21 40.98	-05 01.4	18.6	-0.71	- 7.7	3.1/19.1	48013
2000 WG ₁₁₃	2003 08 16.2	21 40.99	+03 29.8	19.2	-0.91	- 2.3	6.1/20.8	30429
1998 HT ₁₁₉	2003 08 16.2	21 41.00	-08 17.7	18.7	-0.76	- 9.0	2.4/18.1	28999
2000 WP ₈₇	2003 08 16.2	21 41.07	-16 43.7	19.0	-1.06	- 4.1	1.1/15.5	9875
2002 JA ₇₀	2003 08 16.2	21 41.07	-42 24.9	18.0	-0.93	- 3.2	9.1/07.5	34000
1999 XV ₁₆₀	2003 08 16.2	21 41.09	-01 40.8	20.6	-0.76	- 2.7	3.4/19.5	7517
1999 TZ ₂₈₀	2003 08 16.2	21 41.09	-05 30.1	18.6	-0.77	-10.5	3.2/19.1	33834
1996 UC ₃	2003 08 16.2	21 41.14	-11 37.3	19.0	-0.67	- 2.5	0.6/16.9	47706
2000 SR ₃₀₁	2003 08 16.2	21 41.15	-19 29.6	19.1	-1.11	- 2.1	2.3/14.9	29414
1998 BD ₂₉	2003 08 16.2	21 41.15	-13 41.4	19.0	-1.07	- 2.7	0.1/16.3	13556
2000 WX ₁₂₃	2003 08 16.2	21 41.21	-18 07.9	20.4	-0.87	- 4.6	1.3/15.1	30429
2002 BC ₁₁	2003 08 16.2	21 41.22	-20 58.7	18.4	-1.02	+ 0.2	2.4/14.7	30631
2000 OE ₆₁	2003 08 16.2	21 41.25	-11 37.5	16.8	-0.74	- 8.4	1.2/17.0	47907
2001 BL ₁₅	2003 08 16.2	21 41.26	-16 29.7	18.6	-0.84	- 1.3	0.8/15.6	13805
2000 UK ₅₀	2003 08 16.2	21 41.27	-28 54.1	16.8	-1.00	- 5.1	7.6/11.7	9850
2000 UN ₆₀	2003 08 16.2	21 41.33	-00 57.2	17.6	-0.86	- 4.4	6.6/20.0	29468
1999 VY ₁₆₂	2003 08 16.2	21 41.33	-13 26.6	18.6	-0.83	- 3.8	0.1/16.4	31878
2001 BC ₇₅	2003 08 16.2	21 41.35	-15 55.8	19.3	-0.81	- 5.0	0.7/15.7	35005
2002 CU ₁₁₄	2003 08 16.2	21 41.36	-19 47.7	19.8	-1.09	- 3.4	2.6/14.8	48204
2001 AU ₁₂	2003 08 16.2	21 41.39	-12 19.0	19.4	-0.86	- 6.1	0.5/16.7	30444
2000 YY ₁₁	2003 08 16.3	21 41.34	-19 39.1	18.6	-0.83	- 8.0	1.8/14.5	31368
2000 UY ₁₁₀	2003 08 16.3	21 41.34	-15 24.5	20.3	-0.96	- 4.2	0.5/15.9	33885
2002 JV ₁₀₀	2003 08 16.3	21 41.39	+02 42.3	18.5	-0.64	- 9.8	6.0/22.4	34003
1990 TY ₁	2003 08 16.3	21 41.42	-12 11.4	18.9	-0.89	- 3.0	0.6/16.8	47682
1999 XL ₁₀₇	2003 08 16.3	21 41.44	+10 33.4	19.6	-0.71	- 3.3	5.8/23.9	13634
1999 JT ₄₃	2003 08 16.3	21 41.46	-24 42.7	16.9	-1.02	- 0.7	5.5/13.7	35470
2000 WB ₆₃	2003 08 16.3	21 41.48	-30 15.4	18.6	-0.97	- 4.6	7.8/11.5	27748
2002 GY ₁₀₈	2003 08 16.3	21 41.53	-19 10.5	18.4	-0.82	-11.1	2.1/14.5	31581
2000 VM ₉	2003 08 16.3	21 41.56	-13 53.8	20.3	-0.96	- 4.8	0.0/16.3	30419
2002 LA ₄₅	2003 08 16.3	21 41.60	-18 56.8	19.1	-0.74	- 7.1	1.6/14.7	33624

2003 AUG. 6

M.P.C. 49347

2000 WX ₁₈₈	2003 08 16.3	21 41.70 -11 23.9 19.4	-0.96 - 4.5	0.9/17.0	30434
1999 VX ₁₉₃	2003 08 16.3	21 41.79 -47 00.4 18.8	-1.19 - 1.4	13.8/05.1	33144
2001 BE ₁₄	2003 08 16.4	21 41.70 -15 23.5 19.3	-0.87 - 1.5	0.5/16.0	48005
2000 WZ ₁₅₉	2003 08 16.4	21 41.72 -24 04.0 20.3	-0.92 - 5.8	3.3/13.4	31361
2002 HF ₁₀	2003 08 16.4	21 41.75 +03 24.9 19.3	-0.79 - 6.3	5.8/21.9	30169
1999 TY ₁₇₅	2003 08 16.4	21 41.76 -17 56.1 19.6	-0.89 - 3.1	1.5/15.3	47809
2002 CH ₁₇₂	2003 08 16.4	21 41.76 -19 10.6 18.8	-0.92 - 7.0	2.1/14.8	35571
2000 YA ₂₇	2003 08 16.4	21 41.78 -03 40.5 18.5	-0.84 - 7.3	3.7/19.5	12261
2002 GG ₇₈	2003 08 16.4	21 41.79 -06 12.5 21.0	-0.92 - 5.0	2.6/18.5	31549
2002 GD ₁₄₂	2003 08 16.4	21 41.84 -15 56.8 19.5	-0.89 - 5.2	0.7/15.8	31597
2000 UX ₇₂	2003 08 16.4	21 41.90 -26 05.6 20.0	-1.09 - 3.6	4.8/13.2	33290
1997 EP ₄	2003 08 16.4	21 41.90 -15 17.0 19.7	-0.84 - 4.3	0.6/16.0	47709
1998 BK ₁₂	2003 08 16.4	21 41.91 -20 49.9 18.0	-0.94 - 7.0	2.7/14.4	31810
2000 UJ ₁₀₀	2003 08 16.4	21 41.92 -15 45.1 18.2	-1.04 - 3.3	0.8/16.0	30417
2002 JL ₁₀₀	2003 08 16.4	21 41.93 -35 06.1 19.4	-0.82 - 7.5	5.7/09.3	48236
1999 XA ₂₅₇	2003 08 16.4	21 42.00 -23 18.5 19.9	-0.88 - 2.7	2.8/13.9	27656
1999 TU ₄₅	2003 08 16.4	21 42.01 -10 11.9 18.7	-0.85 - 4.1	1.3/17.5	47802
1999 VW ₇₈	2003 08 16.4	21 42.03 -05 16.8 19.5	-0.81 - 4.3	2.9/18.9	31876
2001 CE ₃	2003 08 16.4	21 42.04 -15 32.2 18.0	-0.73 - 7.7	0.6/15.9	31937
1998 SH ₁₃₈	2003 08 16.4	21 42.07 -13 09.8 18.4	-0.75 - 4.1	0.3/16.7	47750
2000 WK ₅₀	2003 08 16.4	21 42.12 -19 33.2 18.7	-0.91 - 9.5	2.2/14.6	29548
2002 CH ₉₁	2003 08 16.5	21 42.06 -18 58.7 19.1	-0.94 - 3.3	2.5/15.1	48202
2000 UV ₁₀₈	2003 08 16.5	21 42.09 -13 19.8 19.2	-0.94 - 7.0	0.2/16.6	30418
2002 EC ₁₃₅	2003 08 16.5	21 42.12 -10 15.8 19.0	-0.86 - 6.2	1.4/17.6	30077
2000 YT ₆₈	2003 08 16.5	21 42.20 -13 04.5 19.7	-0.89 - 6.5	0.2/16.7	12263
2001 CJ ₉	2003 08 16.5	21 42.21 -20 33.5 19.3	-0.86 - 1.7	2.0/14.8	11840
2002 GN ₄₆	2003 08 16.5	21 42.21 -21 05.3 19.8	-0.85 - 5.6	2.5/14.4	31520
1998 FM ₁₀₁	2003 08 16.5	21 42.24 -19 20.5 18.6	-1.06 - 0.7	2.1/15.3	30266
2002 EH ₉₇	2003 08 16.5	21 42.31 -10 30.1 18.4	-0.79 - 6.8	1.0/17.6	30052
2002 GP ₆₄	2003 08 16.5	21 42.37 -18 07.5 20.8	-0.88 - 4.9	1.4/15.3	31533
2001 FW ₁₃₈	2003 08 16.5	21 42.38 +01 06.6 18.8	-0.75 - 3.1	4.4/20.8	48025
2001 FV ₁₇₈	2003 08 16.5	21 42.43 -37 04.5 20.5	-0.99 - 5.4	7.1/09.1	17595
2000 WL ₄₀	2003 08 16.5	21 42.44 +03 32.6 18.9	-0.83 - 4.2	5.3/21.6	33886
1999 RE ₂₀₅	2003 08 16.5	21 42.46 -02 46.9 18.7	-0.95 - 0.5	3.8/19.1	33824
1994 CN ₁₇	2003 08 16.5	21 42.51 -24 14.2 18.2	-1.05 - 2.5	4.0/14.0	30246
2002 HQ ₁₇	2003 08 16.5	21 42.51 -00 38.8 18.7	-0.84 - 3.9	4.5/20.3	31613
2000 AF ₅₂	2003 08 16.6	21 42.44 -07 02.4 19.1	-0.90 - 2.5	2.3/18.3	12225
2002 JV ₁₀₇	2003 08 16.6	21 42.47 +06 31.4 18.6	-0.86 - 2.9	6.5/22.3	31735
2000 UZ ₁₀₉	2003 08 16.6	21 42.50 -16 48.0 18.6	-0.94 - 6.9	1.1/15.7	30418
2002 CA ₁₁₁	2003 08 16.6	21 42.51 -21 07.2 19.9	-1.05 - 2.2	2.8/14.8	30661
2000 QC ₃	2003 08 16.6	21 42.51 -13 37.5 18.0	-0.96 - 7.4	12.0/06.0	47910
2002 JG ₁₄₅	2003 08 16.6	21 42.58 +03 02.9 19.1	-0.69 - 6.8	4.7/22.3	34009
2000 DG ₈₈	2003 08 16.6	21 42.61 -19 48.3 20.5	-0.64 - 2.2	1.3/14.9	47859
1999 UX ₄₁	2003 08 16.6	21 42.61 -29 53.3 18.7	-0.99 - 1.9	6.4/12.4	47817
2002 DZ ₁₅	2003 08 16.6	21 42.68 -14 52.5 20.2	-0.94 - 5.9	0.4/16.3	48215
2001 BM ₇₄	2003 08 16.6	21 42.69 -12 45.7 19.8	-0.72 - 5.0	0.3/17.0	48008
2001 CL ₉	2003 08 16.6	21 42.70 -19 52.0 19.5	-0.90 - 4.4	1.9/14.9	12285
2000 WZ ₂₂	2003 08 16.6	21 42.72 -12 24.0 18.8	-0.89 - 7.7	0.5/17.1	47987
2002 JY ₃₅	2003 08 16.6	21 42.74 +06 49.3 20.1	-0.81 - 4.9	6.5/22.9	33564
2001 BL ₂₅	2003 08 16.6	21 42.77 -10 18.1 20.4	-0.83 - 3.6	1.1/17.6	48006
2002 CT ₁₄₆	2003 08 16.6	21 42.79 -13 33.0 18.9	-1.06 - 2.4	0.1/16.7	30669

1999 TF ₁₀₃	2003 08 16.6	21 42.83 -06 23.1 17.7	-0.73 -11.7	3.0/19.3	2662
1997 CG ₂₈	2003 08 16.7	21 42.87 -14 25.9 20.1	-0.88 - 3.7	0.2/16.5	47709
1998 VX ₄₅	2003 08 16.7	21 42.87 -02 36.0 17.8	-0.69 - 6.0	3.7/20.2	31844
2000 YS ₁₉	2003 08 16.7	21 42.90 -25 45.4 19.6	-1.25 + 2.2	4.4/14.4	11013
1998 HP ₁₄₄	2003 08 16.7	21 42.95 -23 01.3 19.1	-0.96 - 3.8	3.0/14.2	31816
1998 SX ₁₉	2003 08 16.7	21 42.96 -12 54.2 19.4	-0.78 - 4.2	0.3/17.0	47743
2000 SJ ₂₆₅	2003 08 16.7	21 42.96 -10 30.9 18.9	-0.96 - 7.2	1.3/17.7	31916
1998 QM ₉₅	2003 08 16.7	21 43.00 -03 58.3 18.5	-0.85 - 1.5	3.3/19.2	47737
2002 EH ₂₆	2003 08 16.7	21 43.03 -10 48.2 18.6	-1.01 - 0.7	1.4/17.4	48217
1999 SB ₃	2003 08 16.7	21 43.07 -49 20.4 18.3	-1.76 + 3.4	12.3/07.8	38805
1998 RN ₁₅	2003 08 16.7	21 43.14 -12 14.4 20.6	-0.77 - 4.5	0.5/17.2	47738
2000 WB ₁₅₈	2003 08 16.7	21 43.14 -27 24.8 18.5	-1.03 - 3.9	4.7/13.0	12257
2000 YW ₅₃	2003 08 16.7	21 43.16 -07 18.5 17.2	-0.98 - 1.9	2.6/18.3	34987
2002 CD ₁₀₈	2003 08 16.7	21 43.16 -10 02.1 19.2	-0.82 - 8.3	1.3/17.9	30660
2000 SA ₂₂₆	2003 08 16.7	21 43.19 -13 15.4 19.4	-0.93 - 7.5	8.4/28.0	9831
1999 XM ₂₆₀	2003 08 16.7	21 43.22 -08 56.8 19.3	-0.78 - 2.8	1.3/18.1	47837
1999 XZ ₁₄₀	2003 08 16.7	21 43.24 -04 41.0 18.6	-0.81 - 2.0	2.9/19.1	2700
1999 JQ ₁₁₁	2003 08 16.8	21 43.17 -32 10.5 18.5	-1.05 - 6.3	7.5/11.2	30299
2000 WZ ₇₃	2003 08 16.8	21 43.18 -03 03.0 18.1	-0.95 - 3.4	4.6/19.7	47989
1999 SK ₉	2003 08 16.8	21 43.19 -31 06.2 17.3	-0.97 - 7.8	6.2/11.0	33825
2001 FY ₆₃	2003 08 16.8	21 43.19 -27 47.6 19.6	-0.88 - 2.2	4.2/13.0	48021
1999 XE ₄₀	2003 08 16.8	21 43.20 -36 33.4 19.3	-1.01 - 4.6	8.1/09.5	1549
2002 MA	2003 08 16.8	21 43.22 -21 26.7 18.6	-0.72 - 7.5	2.3/14.3	34019
2000 UZ ₃₃	2003 08 16.8	21 43.22 -00 30.8 17.8	-0.96 - 2.9	6.1/20.2	30413
2000 SU ₂₆₂	2003 08 16.8	21 43.25 -20 48.9 20.1	-1.03 - 6.1	2.8/14.8	31916
2000 WY ₁₅₉	2003 08 16.8	21 43.33 -15 59.0 18.3	-0.89 - 7.3	1.1/16.1	30432
1995 BS ₁₄	2003 08 16.8	21 43.37 -10 50.7 20.0	-1.05 - 2.9	1.2/17.5	33001
1998 SY ₄₅	2003 08 16.8	21 43.43 +00 20.5 19.3	-0.70 - 4.7	4.1/21.1	47745
2000 UL ₁₀₁	2003 08 16.8	21 43.47 -25 52.0 16.9	-1.03 - 2.1	5.6/13.8	30417
2000 WF ₁₈₇	2003 08 16.8	21 43.48 -19 35.5 19.2	-0.95 - 6.8	2.2/15.1	31927
1999 RW ₁₄₅	2003 08 16.8	21 43.50 -08 37.4 18.6	-0.92 - 3.5	2.0/18.2	33822
1999 XZ ₈₃	2003 08 16.8	21 43.51 -28 03.3 19.3	-0.80 - 6.4	4.0/12.2	11704
2002 JX ₁₁₈	2003 08 16.8	21 43.61 -35 38.2 17.8	-0.91 - 6.0	8.0/09.8	34005
1996 DY	2003 08 16.9	21 43.54 -25 04.5 18.6	-0.95 - 0.2	3.2/14.2	27584
2002 CU ₁₆₇	2003 08 16.9	21 43.57 -19 12.0 20.0	-1.04 - 3.9	2.1/15.5	31970
2000 TY ₂₁	2003 08 16.9	21 43.59 -29 10.6 16.9	-0.98 - 5.6	6.5/12.4	47971
1999 XD ₁₉₃	2003 08 16.9	21 43.65 -13 24.3 18.3	-0.94 - 1.1	9.5/28.0	18221
2002 GR ₈₅	2003 08 16.9	21 43.65 -17 37.1 18.1	-0.77 - 6.4	1.6/15.7	33549
2000 AE ₁₉₇	2003 08 16.9	21 43.72 -02 25.9 19.4	-0.76 - 2.8	3.1/20.0	18226
1999 XB ₁₃₂	2003 08 16.9	21 43.80 -21 04.0 19.4	-0.78 - 2.9	2.0/14.9	13635
2001 DS ₃₉	2003 08 16.9	21 43.81 -12 32.9 19.8	-0.74 - 5.4	0.3/17.3	35016
2001 FL ₂	2003 08 16.9	21 43.83 -21 28.4 20.4	-0.83 - 5.4	2.4/14.6	11960
1998 HD ₂₅	2003 08 16.9	21 43.93 -08 34.8 19.7	-0.93 - 6.8	1.9/18.5	47729
1998 FU ₄	2003 08 16.9	21 43.94 -03 13.3 19.8	-0.85 - 6.4	3.9/20.2	28977
2000 SG ₂₀₇	2003 08 16.9	21 43.96 -21 15.9 19.2	-1.07 - 3.2	3.3/15.0	47958
2002 CN ₁₀₈	2003 08 16.9	21 43.96 -13 30.9 18.1	-0.80 - 7.2	8.3/06.0	30660
2000 RL ₇	2003 08 16.9	21 43.97 -26 41.7 18.0	-1.01 - 2.1	6.9/13.5	47931
2001 BC ₂₄	2003 08 17.0	21 43.94 -03 24.2 18.1	-0.99 + 0.9	3.7/19.2	41677
2000 UQ ₁₂	2003 08 17.0	21 43.95 -18 06.6 20.2	-1.00 - 4.6	1.6/15.8	31343
1994 RO ₆	2003 08 17.0	21 43.98 -12 14.8 20.2	-0.85 - 3.5	0.5/17.4	47693
2002 CJ ₂₁₅	2003 08 17.0	21 44.00 -14 16.2 19.6	-0.90 - 5.5	0.3/16.8	48209

2001 FY ₁₇₆	2003 08 17.0	21 44.04 -18 57.8 18.9	-0.73 - 7.2	1.5/15.3	31946
1997 CV ₅	2003 08 17.0	21 44.08 -19 16.2 20.7	-0.93 - 4.2	1.8/15.5	47709
2000 TU ₅₅	2003 08 17.0	21 44.08 -26 16.1 19.3	-0.95 - 6.1	4.1/13.3	31917
2002 FN ₅	2003 08 17.0	21 44.11 -08 37.3 19.3	-0.98 - 3.9	2.0/18.4	48224
1995 SF ₁₇	2003 08 17.0	21 44.13 -09 44.7 18.3	-0.88 - 6.4	1.5/18.2	35438
2001 BL ₅₄	2003 08 17.0	21 44.14 -15 03.1 20.1	-0.78 - 4.3	0.4/16.6	48007
2000 YO ₁₂₅	2003 08 17.0	21 44.22 -27 59.0 19.8	-1.03 - 2.8	4.9/13.2	11022
1999 JC ₄₅	2003 08 17.0	21 44.24 -29 50.2 16.8	-0.97 - 3.9	7.8/12.4	30296
2000 WM ₄₁	2003 08 17.0	21 44.25 -11 37.5 19.5	-0.90 - 7.9	0.8/17.7	47988
1999 VG ₄₄	2003 08 17.0	21 44.27 +04 11.2 18.9	-0.80 - 4.2	7.0/22.4	47820
1999 XF ₁₈₈	2003 08 17.0	21 44.30 -11 31.8 18.0	-0.87 - 1.6	0.7/17.6	25767
1999 VO ₁₈₆	2003 08 17.0	21 44.31 -29 52.0 18.4	-0.86 - 4.1	4.9/12.3	33841
1999 SV ₄	2003 08 17.0	21 44.36 +07 14.1 18.8	-0.79 - 6.9	7.6/23.9	19452
2002 CC ₈₀	2003 08 17.0	21 44.39 -16 59.0 19.2	-1.00 - 5.8	1.3/16.2	29800
2001 DX ₈₀	2003 08 17.1	21 44.32 -10 57.2 19.6	-0.83 - 1.7	0.8/17.8	13816
2000 WP ₁₁₅	2003 08 17.1	21 44.34 -09 09.9 19.2	-1.00 - 2.4	1.9/18.2	33318
2300 T-3	2003 08 17.1	21 44.38 -26 07.9 19.7	-1.03 - 2.3	4.7/13.8	4871
2002 GH ₁₃₁	2003 08 17.1	21 44.42 -14 31.9 19.3	-0.87 - 4.3	0.4/16.9	33554
1999 XD ₂₉	2003 08 17.1	21 44.44 -30 48.7 17.3	-0.83 - 5.2	5.4/11.8	33843
2000 UB ₆₅	2003 08 17.1	21 44.48 -15 53.9 19.5	-1.02 - 3.2	0.8/16.6	30415
2000 XK ₃₈	2003 08 17.1	21 44.52 -38 31.9 18.9	-1.09 - 2.5	7.8/10.0	11011
1999 TX ₁₂₆	2003 08 17.1	21 44.58 -16 12.7 19.1	-0.88 - 3.7	1.0/16.4	30322
2001 CF ₃₁	2003 08 17.1	21 44.59 -30 57.0 19.7	-0.95 - 4.5	5.6/12.0	31397
2002 EE ₁₂	2003 08 17.1	21 44.60 -04 38.3 19.7	-0.83 -10.8	3.3/20.2	30703
2000 RU ₅₀	2003 08 17.1	21 44.70 -22 03.7 18.9	-1.05 - 3.9	3.5/14.9	47935
1999 TU ₂₈₈	2003 08 17.1	21 44.72 -19 03.8 18.8	-0.83 - 5.4	2.0/15.6	30328
1992 RT ₁	2003 08 17.1	21 44.74 -10 12.6 18.2	-0.85 - 5.3	1.6/18.2	47685
2002 FA ₃	2003 08 17.2	21 44.70 -09 50.3 19.6	-0.84 - 6.1	1.3/18.3	48224
2002 GT ₄₃	2003 08 17.2	21 44.76 -19 43.8 19.3	-0.97 - 2.0	2.2/15.7	31517
2002 JZ ₄₃	2003 08 17.2	21 44.78 -13 19.7 18.6	-0.89 - 2.6	0.1/17.3	48234
1998 GW ₈	2003 08 17.2	21 44.83 -33 59.0 18.9	-0.97 - 5.5	7.3/11.1	30267
1999 TT ₂₆	2003 08 17.2	21 44.84 -19 20.2 18.3	-0.85 - 2.6	2.7/15.7	33095
2001 CQ ₇	2003 08 17.2	21 44.94 -19 34.6 18.6	-0.84 - 1.7	1.8/15.7	33895
2002 JO ₁₁₅	2003 08 17.2	21 44.94 -01 27.3 18.7	-0.73 - 5.3	3.9/21.0	31740
2002 FE ₂₅	2003 08 17.2	21 44.99 -38 31.5 19.9	-1.01 - 4.9	8.9/09.6	30110
2002 LT ₂₁	2003 08 17.2	21 45.03 -07 08.3 18.4	-0.78 - 3.3	1.9/19.1	33605
1999 SV ₁₇	2003 08 17.2	21 45.04 -14 42.7 17.6	-0.80 -10.7	0.5/16.9	47799
1999 XY ₂₁₀	2003 08 17.2	21 45.08 -29 20.7 19.1	-0.86 - 2.7	4.4/12.8	14384
2002 HK ₁₃	2003 08 17.2	21 45.09 -21 48.7 18.4	-0.76 - 9.7	2.3/14.5	32012
2002 CP ₁₃₄	2003 08 17.2	21 45.11 -22 49.0 15.9	-0.90 + 2.4	4.7/15.3	31969
1999 TG ₂₂₆	2003 08 17.2	21 45.12 -23 35.1 19.2	-1.08 + 1.6	4.4/15.2	47811
1999 VM ₁₅₇	2003 08 17.2	21 45.13 -24 47.6 20.0	-0.96 - 2.6	3.6/14.3	13624
2002 CZ ₇₇	2003 08 17.3	21 45.05 -17 35.5 19.1	-0.95 - 6.1	1.7/16.1	30652
2000 RQ ₆₇	2003 08 17.3	21 45.11 -28 26.1 16.6	-1.04 - 2.3	7.2/13.4	35535
1998 QW ₂₄	2003 08 17.3	21 45.15 -14 12.4 17.9	-0.90 - 0.8	0.3/17.2	47734
2000 XM ₃₉	2003 08 17.3	21 45.17 -32 19.2 18.0	-1.07 - 2.6	6.2/12.2	34982
2001 DJ ₂	2003 08 17.3	21 45.19 -15 49.6 19.5	-0.95 - 2.1	0.8/16.8	48010
1997 GB ₂	2003 08 17.3	21 45.20 -30 45.7 22.6	-1.05 - 1.1	5.3/13.3	30085
2002 FH ₂₈	2003 08 17.3	21 45.22 -12 40.3 19.5	-1.01 - 2.1	0.3/17.5	48225
1999 TQ ₁₄₆	2003 08 17.3	21 45.23 -23 42.2 18.3	-0.94 - 2.9	3.8/14.6	33830
1998 SM ₇₁	2003 08 17.3	21 45.23 -23 59.8 19.2	-0.83 - 3.6	3.7/14.3	47746

2002 GA ₂₃	2003 08 17.3	21 45.24 -14 08.3 19.4	-0.89 - 4.1	0.2/17.2	30152
1999 FN ₃₄	2003 08 17.3	21 45.25 -27 08.5 17.9	-1.02 - 3.5	6.5/13.7	47774
2002 BF ₁₇	2003 08 17.3	21 45.26 -11 00.7 18.2	-1.05 - 1.1	1.1/17.9	48196
2000 YU ₁₇	2003 08 17.3	21 45.28 -16 07.8 18.6	-0.97 - 6.6	1.1/16.6	47998
1999 RU ₁₁₅	2003 08 17.3	21 45.29 -10 45.9 17.4	-0.82 - 7.3	1.2/18.2	35477
2000 UE ₅₆	2003 08 17.3	21 45.32 -11 17.9 20.6	-0.99 - 6.0	0.9/18.0	47978
2002 GO ₉₇	2003 08 17.3	21 45.33 -09 26.3 20.9	-0.86 - 4.8	1.4/18.5	48229
2000 RR ₇₇	2003 08 17.3	21 45.34 -16 01.1 19.5	-1.08 - 3.8	1.0/16.7	33882
2002 GE ₂₀	2003 08 17.3	21 45.39 -08 38.7 18.8	-0.78 - 4.0	1.7/18.8	31502
2002 CE ₉₄	2003 08 17.3	21 45.43 -16 19.1 19.2	-0.98 - 4.5	1.1/16.6	30657
1999 YY ₃	2003 08 17.3	21 45.51 -24 44.7 16.7	-1.34 + 3.4	4.4/15.3	40426
2002 JG ₁₅	2003 08 17.4	21 45.41 -00 23.9 18.7	-0.71 - 5.6	4.4/21.5	48232
2000 EL ₁₅₆	2003 08 17.4	21 45.43 -32 03.8 18.7	-1.00 - 0.3	5.5/12.6	31904
2002 JD ₃₂	2003 08 17.4	21 45.45 -06 50.3 20.3	-0.86 - 4.7	2.1/19.3	35577
1999 RM ₃₇	2003 08 17.4	21 45.45 -36 24.1 18.5	-1.58 + 6.9	9.2/14.2	29066
1999 UH ₂₇	2003 08 17.4	21 45.45 -19 04.7 19.3	-0.94 - 2.9	2.0/16.0	10919
2000 YF ₅₂	2003 08 17.4	21 45.51 -09 40.1 19.4	-1.03 - 2.9	1.6/18.4	13235
2002 AM ₁₆₃	2003 08 17.4	21 45.51 -12 14.3 19.6	-1.01 - 4.5	0.5/17.8	30624
1996 XX ₂₀	2003 08 17.4	21 45.53 -25 52.4 17.7	-0.94 - 6.0	5.9/13.6	47707
1999 TX ₂₄₀	2003 08 17.4	21 45.56 -22 04.1 19.5	-0.84 - 5.7	2.9/14.8	9217
2002 EL ₄₉	2003 08 17.4	21 45.58 -12 49.8 18.0	-0.87 - 4.1	0.3/17.6	48218
2001 AR ₁₄	2003 08 17.4	21 45.59 +01 53.8 18.2	-0.89 - 2.1	5.9/21.5	31934
2001 FV ₁₁₁	2003 08 17.4	21 45.66 -11 08.6 19.6	-0.77 - 3.1	0.7/18.1	12076
2002 GJ ₁₆₅	2003 08 17.4	21 45.74 -15 09.7 19.5	-0.89 - 5.7	0.6/17.0	33557
2000 QW ₆₄	2003 08 17.4	21 45.80 -22 16.8 17.9	-1.01 - 7.3	3.9/14.9	47915
1999 XE ₁₀₅	2003 08 17.4	21 45.82 -08 05.5 17.2	-0.77 - 8.6	2.1/19.2	12212
2000 RD ₆	2003 08 17.4	21 45.83 -21 16.7 18.1	-1.08 - 3.5	3.4/15.5	47931
4046 P-L	2003 08 17.4	21 45.84 -18 20.7 18.4	-1.06 - 2.2	2.3/16.3	11064
2000 UH ₇	2003 08 17.5	21 45.79 -02 41.3 18.7	-0.95 - 6.0	4.8/20.6	13787
2000 XM ₃₂	2003 08 17.5	21 45.83 -22 13.8 19.5	-1.04 - 1.7	4.3/15.3	47997
2000 SY ₂₀₃	2003 08 17.5	21 45.89 -14 18.0 19.6	-0.98 - 5.4	0.3/17.3	47958
1999 NX ₅₆	2003 08 17.5	21 45.90 +04 21.2 17.5	-1.00 + 0.1	7.3/22.0	30303
2000 XQ ₃₀	2003 08 17.5	21 45.91 -00 25.8 18.0	-1.06 - 0.2	5.1/20.4	15824
2002 JW ₁₃₈	2003 08 17.5	21 45.97 -02 03.8 19.8	-0.83 - 4.0	4.0/20.7	48237
2001 DE ₆₀	2003 08 17.5	21 45.97 -13 48.6 19.0	-0.80 - 9.9	0.1/17.4	33374
2001 AY ₃₇	2003 08 17.5	21 46.05 -26 43.7 20.9	-0.91 - 2.9	3.7/13.9	46522
2002 EY ₄₂	2003 08 17.5	21 46.07 -10 43.2 19.1	-0.91 - 3.8	1.1/18.3	31978
1990 WM ₄	2003 08 17.5	21 46.08 -18 28.9 16.9	-0.84 - 8.9	2.5/15.9	30242
1995 WX ₂₆	2003 08 17.5	21 46.10 -27 06.5 20.2	-0.96 - 2.7	4.4/14.0	28948
1993 UA ₅	2003 08 17.5	21 46.12 -34 10.5 17.3	-0.88 - 3.7	7.3/11.4	31804
2002 JB ₇₁	2003 08 17.5	21 46.12 -09 08.1 20.0	-0.82 - 6.9	1.4/18.9	32025
1999 VG ₁₆₂	2003 08 17.5	21 46.16 -11 15.8 18.4	-0.86 - 3.3	0.8/18.2	30335
2002 AO ₁₉₃	2003 08 17.5	21 46.17 +05 37.5 20.2	-1.13 - 0.2	6.6/22.0	30629
2000 WR ₆₁	2003 08 17.5	21 46.20 -06 31.4 17.5	-0.99 - 3.2	3.0/19.3	30426
2001 CT ₆	2003 08 17.6	21 46.17 -18 17.3 19.1	-0.89 - 0.6	1.5/16.4	30449
2001 XC ₁	2003 08 17.6	21 46.20 -56 49.7 21.8	-1.75 -11.1	16.7/02.0	23941
1999 UU ₂₅	2003 08 17.6	21 46.21 -19 08.6 19.0	-0.96 - 3.8	2.1/16.1	1516
1981 ES ₃₂	2003 08 17.6	21 46.25 -08 17.4 18.2	-1.06 - 1.3	2.3/18.8	30240
2000 YU ₁₁₀	2003 08 17.6	21 46.29 -22 15.3 18.4	-0.90 - 5.6	4.4/15.0	48002
1999 VR ₃₅	2003 08 17.6	21 46.37 -26 02.6 18.6	-0.93 - 5.2	4.7/13.8	40393
2000 AR ₈₇	2003 08 17.6	21 46.43 -12 35.5 20.0	-0.72 - 4.6	0.2/17.9	31890

2000 UF ₁	2003 08 17.6	21 46.51 -14 35.4 17.9	-0.96 - 4.3	0.5/17.4	30410
2002 JS ₃₄	2003 08 17.6	21 46.52 +06 29.1 19.5	-0.86 - 4.3	7.0/23.4	48233
1999 XX ₁₀₇	2003 08 17.6	21 46.58 -06 31.3 18.6	-0.89 - 3.7	2.7/19.5	1553
1998 HK ₃₂	2003 08 17.6	21 46.60 -07 21.3 20.9	-0.88 - 5.4	2.0/19.4	47729
1999 TG ₁₁	2003 08 17.6	21 46.64 -39 01.2 17.5	-1.25 + 3.3	11.7/11.8	30317
2002 FR ₂₁	2003 08 17.7	21 46.53 -15 51.1 20.6	-0.98 - 4.4	0.9/17.0	48225
1993 SG ₁₃	2003 08 17.7	21 46.56 -02 09.4 18.6	-0.73 - 6.1	3.8/21.2	47688
2000 WE ₈₆	2003 08 17.7	21 46.58 +02 28.9 20.2	-0.86 - 2.8	4.8/22.1	34975
2002 CM ₈₄	2003 08 17.7	21 46.70 -15 55.9 18.5	-1.04 - 1.8	1.2/17.1	31451
2002 EY ₇₂	2003 08 17.7	21 46.73 -18 51.7 19.0	-1.00 - 3.2	2.1/16.3	30018
2002 GB ₁₅₄	2003 08 17.7	21 46.79 -07 13.7 19.2	-0.69 - 7.7	2.0/19.8	48231
2002 AF ₁₀	2003 08 17.7	21 46.79 -19 59.8 18.9	-0.99 - 4.7	2.5/16.0	48184
2001 AF ₁₅	2003 08 17.7	21 46.88 -14 30.5 19.2	-0.76 - 8.3	0.3/17.4	48003
2002 FJ ₂₀	2003 08 17.7	21 46.89 -24 03.9 19.6	-0.98 - 5.8	4.0/14.7	48225
1998 HH ₁₂₉	2003 08 17.7	21 46.92 -19 06.4 19.5	-1.02 - 2.9	2.1/16.3	47731
1998 DK ₁₅	2003 08 17.7	21 46.94 -18 16.4 19.6	-1.00 - 5.0	1.8/16.4	47723
2001 BO ₄₇	2003 08 17.8	21 46.95 -11 50.6 17.7	-0.84 - 1.0	0.5/18.2	48006
1979 ME ₁	2003 08 17.8	21 46.95 -04 20.0 17.5	-0.96 - 2.3	4.3/20.1	30239
2002 CV ₁₂₃	2003 08 17.8	21 46.98 -08 04.4 19.1	-0.96 - 4.5	2.4/19.3	48205
2000 UY ₉	2003 08 17.8	21 46.99 -07 12.6 18.8	-0.93 - 5.6	2.8/19.6	38287
2000 XS ₂₀	2003 08 17.8	21 46.99 -24 11.3 19.4	-1.01 - 2.2	3.7/15.1	31928
2000 WU ₁₉₅	2003 08 17.8	21 47.15 -15 05.5 18.0	-1.07 - 2.7	0.8/17.4	38288
2000 YW ₁₀₄	2003 08 17.8	21 47.29 -25 32.1 18.9	-1.26 + 1.5	4.1/15.4	33890
2002 EX ₁₃₃	2003 08 17.8	21 47.29 -07 16.9 18.3	-0.85 - 5.6	2.8/19.7	30076
2000 XV ₄₅	2003 08 17.8	21 47.35 -58 30.4 18.2	-1.96 + 6.7	19.8/05.4	29623
2000 TU ₃₅	2003 08 17.8	21 47.35 -13 49.1 19.7	-1.00 - 4.6	0.2/17.8	31341
2000 SS ₂₉₅	2003 08 17.9	21 47.28 -02 40.7 17.9	-0.96 - 3.3	4.4/20.7	29411
2000 WH ₁₀₇	2003 08 17.9	21 47.32 +06 43.9 19.8	-0.83 - 4.8	6.5/24.1	31925
1998 AY	2003 08 17.9	21 47.34 -18 25.2 20.2	-0.96 - 5.6	1.7/16.5	47721
2002 CN ₂₃₇	2003 08 17.9	21 47.35 -09 34.7 19.0	-0.81 - 7.4	1.3/19.1	30688
2000 SO ₁₁₂	2003 08 17.9	21 47.38 -06 33.9 18.8	-0.96 - 6.6	2.9/19.9	30392
2000 YO ₄₂	2003 08 17.9	21 47.42 -14 00.1 19.1	-0.73 - 4.7	0.2/17.7	33889
1999 XZ ₂	2003 08 17.9	21 47.49 -30 16.1 18.0	-0.91 - 6.3	6.5/12.4	38831
1999 UL ₂₁	2003 08 17.9	21 47.53 +10 17.6 20.4	-0.76 - 5.2	7.2/25.6	11616
2001 AG ₃₅	2003 08 17.9	21 47.58 -26 05.2 17.9	-0.99 - 5.0	5.0/14.2	33892
2002 CJ ₁₀₉	2003 08 17.9	21 47.66 -18 49.1 18.2	-0.96 - 5.6	2.3/16.4	30660
2002 EZ ₇₅	2003 08 17.9	21 47.69 +01 03.0 20.1	-0.94 - 5.4	6.0/22.2	30025
2001 BD ₃₄	2003 08 17.9	21 47.77 -13 11.8 17.7	-1.46 + 5.2	0.1/18.0	12276
1999 XQ ₁₉₆	2003 08 18.0	21 47.66 -18 44.1 19.5	-0.85 - 2.1	1.7/16.6	47835
1999 TB ₅₉	2003 08 18.0	21 47.67 -14 50.0 19.0	-0.76 - 4.6	0.4/17.6	31866
2000 VG ₂	2003 08 18.0	21 47.69 +12 04.7 19.3	-0.86 - 1.1	6.6/24.8	9858
2002 GR ₈₉	2003 08 18.0	21 47.69 -21 19.2 20.8	-0.92 - 2.9	2.8/15.9	48229
2002 CT ₇	2003 08 18.0	21 47.70 -13 03.7 18.9	-0.95 - 6.0	0.1/18.1	30636
1995 UC ₅	2003 08 18.0	21 47.77 -06 48.2 18.2	-0.88 - 2.9	2.4/19.7	30249
2000 UG ₅₉	2003 08 18.0	21 47.80 -19 30.2 19.2	-1.01 - 4.6	2.6/16.3	33289
1999 XC ₂₁₂	2003 08 18.0	21 47.83 -21 10.3 18.6	-0.95 - 0.1	2.9/16.2	17112
1997 UE ₂₄	2003 08 18.0	21 47.83 -13 15.8 18.1	-0.92 - 1.4	0.0/18.0	27590
2001 DB ₇₈	2003 08 18.0	21 47.85 -14 57.8 19.2	-0.72 - 8.5	0.6/17.5	31402
1998 TO ₄	2003 08 18.0	21 47.88 -35 30.9 19.8	-1.07 + 0.9	7.5/12.6	16858
2002 JN ₇₄	2003 08 18.0	21 47.92 -03 49.9 19.9	-0.90 - 4.7	3.4/20.7	31708
2002 JM ₃₆	2003 08 18.0	21 47.95 -30 51.8 18.1	-0.85 - 4.4	5.7/12.7	33998

2000 YH ₆₈	2003 08 18.0	21 47.96 -11 08.5 18.5	-0.84 - 0.8	0.6/18.6	12263
2000 SD ₂₃₅	2003 08 18.0	21 48.01 -14 54.1 19.7	-1.03 - 5.4	0.7/17.6	29391
1999 TY ₂₄₀	2003 08 18.0	21 48.01 -11 17.4 19.5	-0.79 - 6.8	0.7/18.7	47812
2000 AD ₃₀	2003 08 18.0	21 48.07 -10 50.5 20.4	-0.76 - 2.9	0.6/18.8	16045
1999 VF ₄₁	2003 08 18.0	21 48.09 -30 12.6 19.7	-0.88 - 4.3	5.2/13.0	47820
2002 JP ₇₇	2003 08 18.1	21 48.02 -12 05.2 19.7	-0.93 - 4.9	0.4/18.4	31713
2000 AG ₁₅₀	2003 08 18.1	21 48.06 +04 34.9 18.4	-0.74 - 3.8	5.7/23.5	30347
1995 MV ₂	2003 08 18.1	21 48.07 -12 39.0 20.4	-0.92 - 7.2	0.2/18.3	30248
1999 XS ₁₅₁	2003 08 18.1	21 48.08 -12 06.9 18.3	-0.81 - 2.5	0.4/18.4	41587
2000 EH	2003 08 18.1	21 48.08 -13 50.2 19.0	-0.75 - 5.5	0.2/17.9	2392
1999 VM ₂₁₃	2003 08 18.1	21 48.15 -26 37.4 19.0	-0.78 - 4.4	3.4/14.1	31879
2001 FH ₁₆	2003 08 18.1	21 48.15 -25 20.2 19.6	-0.85 - 2.2	3.6/14.8	48018
1999 RX ₁₃₅	2003 08 18.1	21 48.19 -16 02.8 17.7	-0.88 - 7.4	1.2/17.3	46376
1999 GA ₃₄	2003 08 18.1	21 48.29 -28 02.8 16.5	-0.96 - 3.4	7.4/13.9	47776
2000 WX ₄₄	2003 08 18.1	21 48.38 -33 17.3 18.2	-1.02 - 4.2	7.7/12.5	30425
2000 AP ₂₁₃	2003 08 18.1	21 48.38 -18 45.8 19.3	-0.78 - 5.7	2.0/16.5	47845
2002 HR ₃	2003 08 18.1	21 48.42 -19 50.3 19.6	-0.75 - 6.7	2.1/16.1	32011
2000 XU ₂₅	2003 08 18.1	21 48.42 -16 02.7 17.6	-1.04 - 1.4	1.3/17.5	30436
1999 RZ ₁₆₄	2003 08 18.1	21 48.48 -18 48.9 18.4	-1.06 0.0	2.0/17.0	47794
2000 XG ₄₆	2003 08 18.2	21 48.41 -57 03.6 20.5	-1.36 - 3.5	12.6/02.0	34982
1999 UM ₁₂	2003 08 18.2	21 48.42 +06 41.4 19.7	-0.66 - 8.7	8.8/25.6	33121
2002 JE ₃₀	2003 08 18.2	21 48.43 -06 38.3 19.8	-0.74 - 4.3	2.0/20.2	31647
2002 JZ ₇₉	2003 08 18.2	21 48.43 +00 33.5 17.8	-0.90 - 4.6	5.9/22.0	31715
1999 WV ₁₂	2003 08 18.2	21 48.43 -11 13.0 19.0	-0.79 - 4.8	0.7/18.8	31880
2000 AQ ₂₀₉	2003 08 18.2	21 48.44 -29 45.3 19.5	-0.82 - 4.7	4.9/13.1	33859
2000 VU ₃₃	2003 08 18.2	21 48.47 -18 38.5 18.9	-1.00 - 6.2	2.1/16.7	31921
2001 BY ₅₉	2003 08 18.2	21 48.48 -09 08.1 19.8	-0.69 - 6.1	1.0/19.5	13807
2002 ED ₆₉	2003 08 18.2	21 48.49 -05 58.0 20.3	-0.93 - 6.4	2.8/20.4	31979
1998 SA ₁₂₃	2003 08 18.2	21 48.50 -13 21.6 18.4	-0.79 - 3.9	0.0/18.2	47749
2001 AS ₄₀	2003 08 18.2	21 48.50 -11 34.8 19.3	-0.79 - 3.0	0.5/18.7	31935
2000 WX ₁₅₇	2003 08 18.2	21 48.58 -31 39.7 18.2	-0.85 - 4.1	5.1/12.7	33887
2002 EA ₇₈	2003 08 18.2	21 48.61 -03 55.4 18.8	-0.83 - 6.5	4.3/21.1	30026
1999 XT ₉₃	2003 08 18.2	21 48.64 -00 54.6 17.3	-0.81 - 1.1	3.7/21.4	15053
1999 RJ ₂₀₀	2003 08 18.2	21 48.66 +02 50.4 18.5	-0.88 - 2.4	5.2/22.5	47796
2002 JP ₇₂	2003 08 18.2	21 48.71 -09 28.4 19.2	-0.71 - 6.5	1.2/19.5	48235
2002 EQ ₇₄	2003 08 18.2	21 48.72 -13 40.3 19.7	-0.95 - 4.8	0.2/18.1	31979
1999 TE ₂₅₈	2003 08 18.2	21 48.82 -38 47.8 18.4	-1.04 - 1.0	10.4/11.2	31290
2000 UO ₈	2003 08 18.2	21 48.84 -28 32.1 17.9	-1.04 - 4.1	7.5/13.8	8514
2002 BS ₈	2003 08 18.2	21 48.85 -15 50.5 18.6	-1.05 - 3.1	1.0/17.6	30630
2000 SP ₂₁₇	2003 08 18.3	21 48.77 -19 48.2 17.8	-0.94 - 8.7	3.1/16.2	7588
2000 SO ₁₁₉	2003 08 18.3	21 48.79 -32 20.9 17.8	-1.12 - 2.9	7.6/13.3	30393
1999 TT ₉₆	2003 08 18.3	21 48.88 -17 19.9 18.4	-0.81 - 6.7	1.3/17.0	31866
2000 XK ₆	2003 08 18.3	21 48.92 -20 42.2 18.8	-1.08 - 3.2	2.9/16.4	8563
2002 EC ₉₇	2003 08 18.3	21 48.94 -05 17.7 19.5	-1.00 - 3.2	3.1/20.4	30720
2002 GV ₅	2003 08 18.3	21 48.95 -34 32.4 19.2	-0.89 - 3.5	6.3/12.1	31991
1997 EE ₁₉	2003 08 18.3	21 48.99 -10 10.3 19.6	-0.81 - 5.0	1.2/19.2	33011
2002 FE ₂	2003 08 18.3	21 49.01 -19 48.7 18.8	-0.89 - 3.5	2.2/16.6	35179
2001 BF ₄₂	2003 08 18.3	21 49.01 -17 09.0 20.1	-0.88 - 2.7	1.2/17.3	31936
2002 EG ₆₈	2003 08 18.3	21 49.06 -13 19.5 19.7	-0.96 - 4.7	0.0/18.3	31979
2001 CG ₄₄	2003 08 18.3	21 49.11 -34 45.6 19.1	-0.96 - 0.6	6.3/12.8	48010
2000 AO ₅₂	2003 08 18.3	21 49.14 +07 31.6 18.4	-0.87 - 2.4	7.3/23.9	40430

2001 EH ₁₇	2003 08 18.3	21 49.17 -24 26.1 18.8	-0.73 - 8.1	2.9/14.5	31942
1998 SN ₁₂₁	2003 08 18.4	21 49.14 -09 40.4 18.1	-0.79 - 3.1	1.1/19.4	39541
2000 WR ₅₀	2003 08 18.4	21 49.15 -02 46.4 17.4	-0.94 - 2.6	5.0/21.0	33309
2001 DP ₆₂	2003 08 18.4	21 49.18 -09 57.8 19.3	-0.72 - 5.1	0.9/19.4	33898
2001 WY ₁₃	2003 08 18.4	21 49.22 -50 56.4 19.1	-1.43 - 8.7	15.9/03.9	27781
2002 GZ ₁₁	2003 08 18.4	21 49.23 -23 44.2 19.5	-0.94 - 4.1	3.8/15.5	30133
1990 EK ₂	2003 08 18.4	21 49.24 -05 24.1 18.6	-0.92 - 3.9	2.6/20.5	31801
2002 JK ₁₁	2003 08 18.4	21 49.24 -32 27.9 18.6	-0.89 - 3.2	6.4/12.8	32015
2001 UF ₁₇	2003 08 18.4	21 49.26 +25 26.3 18.9	-1.27 + 2.6	18.1/27.7	27777
2000 WV ₄₀	2003 08 18.4	21 49.27 -20 51.9 19.4	-0.92 - 7.7	2.9/16.0	33308
2000 AC ₆₂	2003 08 18.4	21 49.31 -19 54.2 18.7	-0.72 - 6.6	2.0/16.3	47840
2002 CD ₆	2003 08 18.4	21 49.39 -15 37.7 19.3	-1.08 - 3.9	1.0/17.8	30636
1995 GO ₁	2003 08 18.4	21 49.40 -05 25.0 19.7	-0.83 - 9.9	3.3/21.0	6724
1999 RZ ₂₅₁	2003 08 18.4	21 49.42 +05 21.0 18.8	-0.91 - 1.6	7.5/23.2	10406
2002 FD ₂	2003 08 18.4	21 49.42 -12 18.1 18.8	-0.86 - 5.3	0.3/18.7	30089
2000 AU ₂₄	2003 08 18.4	21 49.43 -14 12.5 19.9	-0.78 - 3.8	0.3/18.2	17128
2002 GT ₁₁	2003 08 18.4	21 49.45 -06 45.9 19.9	-0.80 - 7.7	1.9/20.5	31991
1999 RB ₁₉₀	2003 08 18.4	21 49.45 -16 41.3 18.9	-0.98 - 1.3	1.5/17.6	47796
2002 CC ₁₁	2003 08 18.4	21 49.47 -17 27.5 18.8	-0.99 - 4.1	1.7/17.3	30637
1998 HR ₁₁₈	2003 08 18.4	21 49.49 -21 14.3 18.7	-0.88 - 7.8	2.7/15.9	30270
2002 JF ₁₄₅	2003 08 18.4	21 49.50 -19 24.9 18.3	-0.74 - 8.2	2.0/16.4	31753
1999 RT ₁₈₇	2003 08 18.4	21 49.51 -06 17.2 19.7	-0.80 - 7.8	2.1/20.7	47796
4210 T-3	2003 08 18.4	21 49.53 -05 45.3 19.1	-0.64 - 5.6	2.0/20.8	48393
1999 VM ₄₃	2003 08 18.5	21 49.63 -04 28.1 18.9	-0.82 - 4.9	3.1/21.1	47820
1989 UG ₂	2003 08 18.5	21 49.66 -65 29.3 17.0	-1.92 - 0.8	21.9/02.0	30241
2002 GU ₅₃	2003 08 18.5	21 49.69 -15 02.1 19.2	-0.79 - 4.5	0.6/18.0	31525
2000 VO ₅₅	2003 08 18.5	21 49.77 -16 03.5 16.7	-0.94 + 0.1	1.6/17.9	30422
2000 AO ₁₂₀	2003 08 18.5	21 49.81 -07 08.6 19.3	-0.72 - 4.3	1.7/20.3	31891
1999 UL ₃	2003 08 18.5	21 49.83 -21 32.6 18.9	-0.97 - 2.7	2.9/16.3	11612
2002 GA ₅₆	2003 08 18.5	21 49.94 -42 13.5 18.3	-0.91 - 3.7	9.1/09.0	33980
2000 AJ ₁₉₄	2003 08 18.5	21 49.95 +11 17.7 17.8	-0.76 - 1.9	6.8/25.6	47844
2000 UQ ₃₄	2003 08 18.5	21 49.96 -14 24.7 20.2	-1.04 - 4.7	0.5/18.2	7244
1999 NW ₇	2003 08 18.6	21 49.89 -03 56.6 17.8	-0.97 - 0.8	4.0/20.8	33814
1993 YD ₂	2003 08 18.6	21 49.89 -13 39.0 20.5	-0.72 - 4.1	0.1/18.4	46321
2002 CR ₁₃₂	2003 08 18.6	21 49.91 -11 47.6 19.0	-0.97 - 4.5	0.5/19.0	30666
2000 AO ₁₇₆	2003 08 18.6	21 50.01 +00 07.6 18.8	-0.73 - 4.9	4.0/22.7	11765
2002 JX ₁₄₄	2003 08 18.6	21 50.06 -37 09.6 20.4	-0.87 - 5.4	6.5/10.9	48237
2002 CV ₂₃₉	2003 08 18.6	21 50.14 -05 00.3 19.0	-0.83 - 7.1	3.0/21.2	31971
2002 GB ₂₆	2003 08 18.6	21 50.14 -09 14.0 18.9	-0.76 -11.8	1.3/20.0	48227
1999 RP ₁₀₅	2003 08 18.6	21 50.15 -14 50.4 18.0	-1.14 + 3.8	0.8/18.3	30308
2002 KZ ₁	2003 08 18.6	21 50.18 -49 44.0 18.3	-1.24 - 1.6	12.1/07.0	32033
2000 VU ₃₂	2003 08 18.6	21 50.26 -14 29.1 18.7	-0.93 - 5.5	0.5/18.3	30421
1999 RM ₁₅₇	2003 08 18.6	21 50.28 -17 35.0 18.6	-0.92 - 5.7	1.7/17.4	35479
2002 KK ₇	2003 08 18.6	21 50.32 -26 50.6 16.8	-0.81 -10.5	5.7/13.8	38336
2000 SN ₈₈	2003 08 18.6	21 50.33 -22 35.8 18.0	-1.01 - 5.4	3.8/16.0	30391
2000 AN ₃	2003 08 18.7	21 50.26 -29 05.7 20.0	-0.83 - 2.7	4.4/14.1	25768
2002 AB ₁₀	2003 08 18.7	21 50.29 -16 01.6 18.9	-0.97 - 5.9	1.1/17.9	30604
2000 EH ₁₂	2003 08 18.7	21 50.38 -31 02.1 16.8	-1.04 + 0.3	6.6/14.2	15065
2002 JY ₁₀₇	2003 08 18.7	21 50.42 -35 20.1 20.0	-0.96 - 4.3	6.7/12.1	32030
1999 TX ₁₆₈	2003 08 18.7	21 50.47 -02 52.1 20.3	-0.81 - 4.9	3.6/21.8	47808
1999 VA ₁₅₉	2003 08 18.7	21 50.51 -19 01.0 17.4	-0.85 - 1.8	3.0/17.2	683

2002 BY ₁₁	2003 08 18.7	21 50.56 -12 06.3 19.5	-1.02 - 4.7	0.4/19.0	30631
2000 YH ₁₀₁	2003 08 18.7	21 50.57 -11 10.8 16.8	-0.81 -10.3	0.9/19.4	30442
1999 TM ₅₉	2003 08 18.7	21 50.60 -14 10.2 19.3	-0.94 - 2.4	0.5/18.5	47803
2000 YF ₁₃₉	2003 08 18.7	21 50.73 -26 16.2 18.9	-1.07 - 1.1	4.4/15.5	33891
1999 VL ₆₇	2003 08 18.8	21 50.71 -17 56.4 19.1	-0.83 - 4.5	1.6/17.4	31876
2002 JS ₁₁₉	2003 08 18.8	21 50.72 -17 37.6 18.4	-0.83 - 8.3	1.5/17.3	34005
2000 YQ ₉₁	2003 08 18.8	21 50.82 -18 56.0 19.3	-0.96 - 5.3	2.3/17.2	34989
1999 JC ₂₉	2003 08 18.8	21 50.85 +03 19.3 17.2	-0.93 - 3.5	7.6/23.6	38213
1999 RE ₂₀₃	2003 08 18.8	21 50.86 +01 51.1 18.4	-0.97 + 0.3	6.4/22.4	30314
1998 AQ ₉	2003 08 18.8	21 50.90 -17 33.0 19.8	-0.92 - 6.5	1.7/17.5	28970
2002 EU ₄₀	2003 08 18.8	21 50.93 -26 16.6 19.7	-1.01 - 2.1	4.0/15.5	29982
1999 VG ₁₄₀	2003 08 18.8	21 50.98 -09 04.3 20.2	-0.80 - 4.1	1.3/20.0	33839
2000 WL ₉₇	2003 08 18.8	21 50.99 -15 14.6 18.7	-0.98 - 4.8	0.9/18.3	30428
2000 UU ₆₉	2003 08 18.8	21 51.08 -24 55.1 17.8	-1.07 - 2.4	4.9/15.9	30415
2002 JQ ₁₁₉	2003 08 18.8	21 51.08 -25 01.0 19.2	-0.85 - 6.8	3.7/15.1	31743
2001 FR ₁₇₇	2003 08 18.9	21 51.01 +03 49.2 19.6	-0.66 - 5.9	4.4/24.5	23619
2001 DQ ₃₆	2003 08 18.9	21 51.01 -15 12.6 19.7	-0.84 - 5.3	0.8/18.3	48011
1998 DS ₁₁	2003 08 18.9	21 51.05 -11 59.3 19.0	-0.89 - 7.6	0.4/19.2	30260
2001 CX ₃₁	2003 08 18.9	21 51.05 -50 21.9 19.9	-1.32 - 1.3	10.1/07.2	13811
2000 SJ ₂₆₉	2003 08 18.9	21 51.07 -10 24.1 18.7	-0.86 - 9.7	1.2/19.8	47964
2000 YG ₄₀	2003 08 18.9	21 51.09 -07 47.1 18.5	-0.96 - 4.4	2.5/20.3	34985
2001 BJ ₆₅	2003 08 18.9	21 51.09 -04 32.2 19.4	-0.83 - 8.0	2.9/21.6	48007
2002 BS ₂₄	2003 08 18.9	21 51.10 -26 21.7 19.4	-0.93 - 7.2	4.3/14.8	30633
1999 UW ₂₅	2003 08 18.9	21 51.10 +06 54.9 18.9	-0.81 - 5.3	7.3/25.0	1516
2002 EY ₉₈	2003 08 18.9	21 51.28 -14 49.8 18.3	-1.00 - 1.9	0.7/18.5	35174
2000 WZ ₁₁₉	2003 08 18.9	21 51.40 -32 03.8 18.6	-0.93 - 5.2	5.9/13.1	31926
2000 RW ₃₉	2003 08 18.9	21 51.41 -23 52.2 18.0	-1.03 - 3.6	4.0/16.1	31913
1999 RM ₇₈	2003 08 18.9	21 51.44 -13 54.7 19.5	-0.90 - 5.5	0.3/18.7	47790
2001 BM	2003 08 19.0	21 51.37 -15 21.2 19.4	-0.90 - 0.4	0.6/18.4	13805
1981 EG ₆	2003 08 19.0	21 51.37 -08 01.3 22.2	-0.78 - 3.1	1.3/20.4	30779
2000 AT ₁₅₁	2003 08 19.0	21 51.39 -38 20.8 18.6	-1.05 - 3.7	9.3/10.9	31892
1997 AD ₉	2003 08 19.0	21 51.40 -09 40.8 18.4	-0.91 - 2.7	1.3/19.9	30253
1999 TO ₆₁	2003 08 19.0	21 51.46 -14 29.6 19.8	-0.90 - 3.5	0.5/18.6	47803
2002 JT ₁₀	2003 08 19.0	21 51.51 -24 35.7 19.4	-0.83 - 7.0	3.4/15.3	32014
2000 WN ₂₅	2003 08 19.0	21 51.57 -24 34.7 19.9	-0.98 - 4.7	4.1/15.7	31923
2001 CW ₃₃	2003 08 19.0	21 51.57 -35 04.0 19.5	-0.95 - 1.4	6.1/13.0	13811
2001 FD ₉₇	2003 08 19.0	21 51.59 -39 43.5 18.9	-0.93 - 2.9	8.2/10.5	17583
1999 XE ₁₂₅	2003 08 19.0	21 51.62 -37 32.7 19.5	-0.93 - 2.5	7.0/11.8	30341
2000 AD ₁₅	2003 08 19.0	21 51.63 -17 58.8 18.6	-0.80 - 4.7	1.7/17.6	31888
2002 CO ₁₃₁	2003 08 19.0	21 51.63 -06 27.6 18.9	-0.90 - 6.0	2.7/21.0	30666
1999 TZ ₁₇₃	2003 08 19.0	21 51.70 -09 39.9 19.0	-0.81 - 5.5	1.2/20.1	33107
2000 YB ₃₄	2003 08 19.0	21 51.72 -15 50.2 18.8	-0.81 - 8.5	0.9/18.1	34985
1999 JU ₄₈	2003 08 19.0	21 51.74 -24 33.4 19.2	-1.06 - 4.4	4.6/15.9	29033
2002 AX ₃₄	2003 08 19.0	21 51.74 +02 14.5 18.8	-0.95 - 4.0	5.7/23.4	30608
1999 VK ₁₄₄	2003 08 19.0	21 51.78 -16 32.9 17.9	-0.88 - 3.0	1.4/18.1	30335
2001 XF ₆₈	2003 08 19.0	21 51.79 -16 04.1 16.3	-1.66 + 8.5	1.7/18.8	30570
2002 JT ₄₇	2003 08 19.0	21 51.82 -32 56.4 19.3	-0.91 - 1.9	5.9/13.6	31671
1993 JQ	2003 08 19.1	21 51.76 -00 08.0 19.3	-0.85 - 4.1	4.3/22.9	47687
2001 YM ₁₁₃	2003 08 19.1	21 51.84 +03 53.3 19.5	-1.10 - 0.2	5.7/23.1	30600
2002 JL ₄₄	2003 08 19.1	21 51.84 -09 51.3 19.8	-0.95 - 3.5	1.1/19.9	31666
2002 CM ₃₂	2003 08 19.1	21 51.85 -23 39.0 18.0	-1.02 - 4.2	4.4/16.2	30642

2003 AUG. 6

M.P.C. 49351

2000 QG ₁₈₁	2003 08 19.1	21 51.92 -54 29.4 19.2	-1.30 - 2.8	12.2/04.5	31912
2002 GW ₅₄	2003 08 19.1	21 51.93 -06 28.3 20.5	-0.84 - 5.3	2.2/21.1	48228
2002 GO ₂₀	2003 08 19.1	21 51.95 -19 31.0 20.3	-0.92 - 3.5	2.1/17.4	31992
2002 CO ₂₈₆	2003 08 19.1	21 51.95 -16 16.9 18.6	-0.99 - 1.3	1.5/18.3	48213
2000 BO ₂₂	2003 08 19.1	21 51.96 -00 15.4 18.9	-0.72 - 2.2	3.5/22.8	13139
2002 JO ₄	2003 08 19.1	21 51.99 -22 05.0 17.8	-0.82 -15.0	3.3/15.7	33996
2002 GW ₉₇	2003 08 19.1	21 52.00 -01 47.6 19.2	-0.93 - 5.0	4.5/22.4	33551
2000 UQ ₆₉	2003 08 19.1	21 52.05 -06 48.0 18.0	-0.98 - 3.8	2.9/20.8	13793
1999 TW ₂₃₈	2003 08 19.2	21 52.15 -21 53.8 19.5	-0.87 - 5.1	2.9/16.5	12178
2001 DY ₆₆	2003 08 19.2	21 52.17 -17 26.5 18.5	-0.85 - 1.8	1.4/18.0	33898
2002 GX ₁₀₀	2003 08 19.2	21 52.19 -13 11.7 19.3	-0.90 - 4.8	0.1/19.1	31573
1999 VE ₂₁₀	2003 08 19.2	21 52.19 -17 50.4 20.3	-0.83 - 4.3	1.6/17.8	10523
2000 CY ₅₇	2003 08 19.2	21 52.21 -17 26.6 16.7	-0.88 - 1.9	1.4/18.0	47850
2000 YM ₃₈	2003 08 19.2	21 52.21 -10 54.9 19.7	-0.85 - 5.4	0.7/19.8	30440
2000 YA ₄₀	2003 08 19.2	21 52.27 -03 16.9 18.7	-0.90 - 3.1	4.3/21.8	27182
1998 FC ₁₀	2003 08 19.2	21 52.27 -08 55.4 19.7	-0.90 - 4.5	1.5/20.4	47725
2002 AJ ₁₅₉	2003 08 19.2	21 52.38 -06 32.9 18.5	-1.03 - 2.5	2.9/20.9	30623
2000 XQ ₁₂	2003 08 19.2	21 52.38 -42 47.5 18.6	-1.09 - 2.6	10.0/10.3	31928
2001 BS ₁₇	2003 08 19.2	21 52.39 -17 54.0 19.3	-0.80 - 3.8	1.5/17.8	48005
1999 UY ₄₂	2003 08 19.2	21 52.46 -03 33.7 18.0	-0.87 - 2.3	3.5/21.8	30329
2000 WA ₅₀	2003 08 19.2	21 52.47 +05 02.1 18.4	-0.91 - 4.0	7.4/24.3	47989
1998 RY ₅₀	2003 08 19.2	21 52.57 -17 35.5 18.8	-0.87 - 1.6	1.5/18.1	30279
2001 YP ₁₀₃	2003 08 19.3	21 52.53 -07 39.0 19.6	-1.02 - 6.2	2.0/20.8	48181
3515 P-L	2003 08 19.3	21 52.54 -00 41.9 18.5	-0.82 - 1.9	3.9/22.5	27866
2001 BF ₁₁	2003 08 19.3	21 52.56 +01 18.0 20.7	-0.89 - 2.0	4.4/23.0	10690
2002 EP ₈₅	2003 08 19.3	21 52.58 -18 35.7 18.6	-0.88 - 3.9	2.1/17.7	30717
2000 YK ₄₉	2003 08 19.3	21 52.59 -03 33.7 17.5	-0.95 - 0.7	4.4/21.5	30440
2002 GB ₁₁₄	2003 08 19.3	21 52.59 -05 25.9 18.6	-0.75 -10.2	2.8/22.0	33552
2001 EO ₂	2003 08 19.3	21 52.68 -29 13.3 19.6	-0.79 - 3.7	4.3/14.4	11928
2002 JF ₇₆	2003 08 19.3	21 52.69 +09 20.5 19.6	-0.80 - 6.5	8.1/26.9	31710
1999 JT ₅₉	2003 08 19.3	21 52.70 -31 08.9 17.5	-0.97 - 4.8	8.6/14.1	24992
2001 CS ₁₉	2003 08 19.3	21 52.72 -26 22.4 19.9	-0.88 - 4.9	3.8/15.3	13810
1993 FV ₂₈	2003 08 19.3	21 52.77 -07 01.4 18.9	-1.02 - 5.7	2.6/21.0	30243
2002 GN ₇₁	2003 08 19.3	21 52.79 -22 33.7 18.9	-0.94 - 4.4	3.8/16.6	33548
2002 CA ₁₃₇	2003 08 19.3	21 52.80 -23 32.2 20.3	-1.05 - 5.8	4.0/16.3	48206
1999 TX ₂₁	2003 08 19.3	21 52.80 -22 41.3 19.0	-0.91 - 3.3	3.1/16.6	31865
2002 EE ₁₁₁	2003 08 19.3	21 52.82 -17 24.4 19.2	-0.97 - 6.1	1.7/18.1	31983
2000 YR ₇₉	2003 08 19.3	21 52.85 -11 38.1 20.4	-0.87 - 4.5	0.4/19.7	9523
2002 EV ₁₁₀	2003 08 19.3	21 52.87 -24 40.4 19.3	-0.98 - 5.4	4.4/16.0	31983
2002 ER ₁₅₀	2003 08 19.3	21 52.91 -18 39.9 19.8	-0.93 - 4.4	2.3/17.8	30084
2000 UU ₂₂	2003 08 19.3	21 52.92 -20 15.2 19.8	-0.96 - 5.9	2.5/17.2	31343
2000 TC ₃₇	2003 08 19.3	21 52.94 -12 42.9 19.3	-1.00 - 6.6	0.1/19.4	33279
2000 SL ₈₈	2003 08 19.4	21 52.90 -25 17.1 19.0	-1.06 - 4.8	4.8/15.9	47948
2000 UQ ₁₁	2003 08 19.4	21 52.91 -06 01.9 18.0	-0.96 - 4.4	2.6/21.3	30411
2002 CX ₂₃₅	2003 08 19.4	21 52.92 +24 05.3 17.2	-1.20 + 3.3	15.8/29.7	48211
2000 CQ ₈₁	2003 08 19.4	21 52.95 -13 02.2 17.0	-0.94 + 0.1	0.1/19.4	14203
2002 GG ₈₉	2003 08 19.4	21 53.07 -21 24.2 18.1	-0.81 - 8.1	2.7/16.7	31562
2001 FY ₆₀	2003 08 19.4	21 53.15 -28 24.7 18.1	-0.92 - 2.0	5.1/15.2	33903
2000 YD ₁₁₆	2003 08 19.4	21 53.15 -18 12.9 19.3	-0.77 - 5.2	1.6/17.8	31382
1999 VQ ₃₀	2003 08 19.4	21 53.19 +10 17.1 19.2	-0.79 - 3.4	7.5/26.4	31874
2000 WK ₁₃₄	2003 08 19.4	21 53.20 -30 05.9 18.7	-0.95 - 4.4	5.7/14.3	31926

2002 AE ₁₀	2003 08 19.4	21 53.28 -18 30.8 19.1	-0.99 - 5.0	2.2/17.9	48184
1999 TS ₂₂₀	2003 08 19.4	21 53.29 -10 28.4 19.1	-0.85 - 3.4	0.7/20.1	47811
1998 SD ₃₅	2003 08 19.5	21 53.25 +09 59.5 18.9	-0.88 -18.9	10.3/29.0	47744
1993 VU	2003 08 19.5	21 53.27 +20 35.8 18.9	-0.93 - 5.5	11.3/30.3	31804
2002 GA ₄₇	2003 08 19.5	21 53.32 +04 17.1 19.8	-0.75 - 9.8	6.5/25.7	31521
2001 DF ₂₆	2003 08 19.5	21 53.32 -19 59.8 19.5	-0.94 - 4.1	2.3/17.5	12296
2002 GA ₂₀	2003 08 19.5	21 53.33 -01 34.7 19.9	-0.82 - 5.3	3.6/22.9	31502
1998 RX ₇₃	2003 08 19.5	21 53.33 -01 54.5 18.0	-0.76 - 4.3	4.0/22.7	47742
1999 RM ₁₂₆	2003 08 19.5	21 53.36 -09 53.6 16.7	-1.08 + 4.9	1.5/20.0	35477
2002 BL ₁₉	2003 08 19.5	21 53.45 -20 18.2 19.0	-1.07 - 4.8	3.0/17.5	30632
2002 CE ₂₄₂	2003 08 19.5	21 53.48 -20 48.2 18.9	-1.16 + 3.6	3.5/18.1	29892
2000 VV ₁₉	2003 08 19.5	21 53.48 -10 16.5 18.8	-0.93 - 4.7	0.9/20.3	30420
2000 YM ₉₀	2003 08 19.5	21 53.48 -15 32.5 19.1	-0.82 - 5.5	0.9/18.7	35538
2002 ED ₄₈	2003 08 19.5	21 53.49 -12 20.8 20.3	-1.04 - 5.2	0.2/19.7	29991
2000 WU ₁₅₄	2003 08 19.5	21 53.50 -13 46.3 16.7	-1.07 0.0	0.5/19.3	31926
2000 SN ₂₂₇	2003 08 19.5	21 53.53 -16 55.7 18.2	-0.88 - 9.8	1.9/18.2	13770
1996 BW ₈	2003 08 19.5	21 53.54 -03 44.8 18.3	-0.89 - 1.6	3.7/21.9	47701
1999 UM ₃₉	2003 08 19.5	21 53.56 -36 57.0 18.9	-1.07 - 0.3	9.5/13.4	47817
2002 CP ₁₁₂	2003 08 19.5	21 53.58 -09 38.1 18.7	-0.91 - 7.2	1.1/20.5	31968
2002 CE ₁₄₇	2003 08 19.5	21 53.61 +08 00.2 18.4	-0.78 -14.4	7.1/27.9	31969
2000 SD ₂₃₀	2003 08 19.5	21 53.63 -18 45.3 16.7	-0.88 - 2.3	3.3/18.0	27084
2000 WF ₁₃₆	2003 08 19.5	21 53.63 -12 38.1 19.4	-0.91 - 4.0	0.1/19.6	31926
2000 WD ₁₂₀	2003 08 19.5	21 53.65 -12 37.2 19.6	-1.01 - 4.2	0.1/19.6	17491
2000 UC ₇₄	2003 08 19.5	21 53.68 -09 22.5 20.5	-0.98 - 5.2	1.3/20.5	31345
1999 XT ₁₈₁	2003 08 19.6	21 53.62 -10 01.7 18.8	-0.95 - 2.5	1.0/20.3	40424
2001 BP ₂₅	2003 08 19.6	21 53.68 -14 00.2 18.6	-0.94 - 6.6	0.5/19.3	13806
2000 WL	2003 08 19.6	21 53.71 -27 41.3 17.6	-0.90 - 8.3	7.0/14.8	27744
2002 BL ₂₀	2003 08 19.6	21 53.73 -04 02.8 18.8	-1.61 +10.8	4.9/20.4	30633
2002 GU ₁₅₈	2003 08 19.6	21 53.79 +03 26.6 18.5	-0.80 - 8.9	6.5/25.1	31604
1999 VN ₁₄₄	2003 08 19.6	21 53.87 -51 24.3 20.2	-1.11 - 1.0	9.5/07.6	12197
2002 JZ ₃₆	2003 08 19.6	21 53.90 -41 49.9 18.0	-0.87 - 7.3	9.3/09.1	33564
1998 TC ₁₀	2003 08 19.6	21 53.91 -15 06.6 18.2	-0.75 - 4.0	0.7/19.0	13582
2002 EN ₁₅₁	2003 08 19.6	21 53.92 -10 33.8 20.4	-0.95 - 6.1	0.8/20.3	31986
1998 FK ₆	2003 08 19.6	21 53.92 -18 01.8 19.6	-0.96 - 4.9	1.8/18.2	31811
2002 JY ₈₅	2003 08 19.7	21 53.98 -19 27.7 19.7	-0.88 - 3.4	2.3/17.8	31720
2002 GA ₃₇	2003 08 19.7	21 54.01 -20 26.1 19.5	-0.88 - 5.5	2.9/17.4	31509
1998 GN ₁	2003 08 19.7	21 54.04 -16 15.3 20.1	-0.94 - 5.4	1.2/18.7	31227
2000 WV ₇₄	2003 08 19.7	21 54.06 -18 45.9 19.7	-1.03 - 4.1	2.5/18.1	33311
2000 VN ₅₅	2003 08 19.7	21 54.14 -03 12.3 17.9	-1.00 - 2.1	4.4/22.0	8534
2002 HY ₅	2003 08 19.7	21 54.14 -12 36.9 20.5	-0.94 - 5.6	0.0/19.8	30164
2002 FY ₃₂	2003 08 19.7	21 54.16 -12 54.0 18.0	-0.87 - 1.2	0.1/19.7	48225
2002 CA ₂₅₅	2003 08 19.7	21 54.23 -04 38.3 20.2	-0.94 - 6.3	3.2/22.2	48212
2002 CE ₂₄₀	2003 08 19.7	21 54.26 -10 08.2 19.7	-0.95 - 4.8	0.9/20.5	30688
1258 T-1	2003 08 19.7	21 54.31 -04 17.4 19.0	-0.95 - 7.9	3.5/22.4	41950
1998 FH ₃₉	2003 08 19.7	21 54.33 -09 53.2 18.9	-0.97 - 7.0	1.2/20.6	33018
2001 EB ₄	2003 08 19.7	21 54.34 -24 18.8 18.4	-1.01 - 0.3	3.9/17.0	11930
2000 AC ₁₁₄	2003 08 19.7	21 54.34 -07 55.4 17.8	-0.79 - 5.9	1.6/21.2	31891
2001 DV ₈₈	2003 08 19.7	21 54.37 -02 45.7 19.2	-0.68 - 9.7	3.0/23.3	33899
1999 LO ₃	2003 08 19.7	21 54.38 -06 52.0 20.4	-0.92 - 7.7	2.3/21.6	29042
1993 FB ₄₂	2003 08 19.7	21 54.38 -18 21.4 20.0	-0.96 - 3.9	1.9/18.2	47686
2000 SU ₁₈₂	2003 08 19.7	21 54.39 -21 41.2 20.3	-1.08 - 3.6	3.3/17.4	31916

2002 ED ₅₀	2003 08 19.8	21 54.36	-17 02.2	19.3	-1.04	- 1.7	1.8/18.8	30710
1999 UB ₂	2003 08 19.8	21 54.41	-22 19.6	18.5	-0.85	- 5.8	3.6/16.9	33834
2000 WM ₁₁₄	2003 08 19.8	21 54.43	-12 52.1	19.3	-0.97	- 4.3	0.1/19.8	34976
1999 YP ₁₃	2003 08 19.8	21 54.44	-34 29.5	17.6	-0.96	-22.3	8.4/10.1	39567
2001 AT ₅	2003 08 19.8	21 54.44	-07 44.5	20.0	-0.86	- 4.5	1.5/21.2	13803
2002 CL ₁₄₅	2003 08 19.8	21 54.56	-11 51.7	18.5	-0.96	- 2.7	0.3/20.1	29842
1999 XD ₂₄₃	2003 08 19.8	21 54.57	-30 32.0	18.2	-0.89	- 8.2	6.7/13.6	30344
1999 XQ ₁₉₀	2003 08 19.8	21 54.58	-28 51.3	19.6	-0.84	- 3.6	4.7/15.0	47835
2210 P-L	2003 08 19.8	21 54.63	-10 26.0	19.1	-0.98	- 4.8	1.0/20.5	9642
1999 JA ₁₁₄	2003 08 19.8	21 54.64	-14 21.3	20.0	-0.95	- 6.5	0.7/19.4	33813
2002 FS ₃₀	2003 08 19.8	21 54.64	-05 05.0	17.4	-0.69	-11.1	2.8/22.6	33976
2000 WG ₁₂₄	2003 08 19.8	21 54.64	+33 01.9	21.6	-1.13	+ 3.0	18.1/01.2	9879
2001 BB ₄₈	2003 08 19.8	21 54.71	-14 30.3	17.0	-0.96	- 0.7	0.7/19.4	48007
1998 HF ₄₄	2003 08 19.8	21 54.75	-08 26.8	19.7	-0.87	- 5.7	1.5/21.2	47730
1999 RV ₇₅	2003 08 19.8	21 54.78	+03 29.3	17.8	-0.78	- 8.6	5.9/25.3	30307
2000 DW ₄₂	2003 08 19.8	21 54.81	-26 46.2	17.5	-1.24	+ 3.6	5.1/17.1	47856
2002 JS ₆	2003 08 19.9	21 54.75	-19 20.6	18.8	-0.73	- 6.5	2.1/17.8	35192
2002 CU ₁₂₅	2003 08 19.9	21 54.79	-11 28.6	19.8	-1.09	- 1.7	0.5/20.2	29833
1999 VX ₁₂₈	2003 08 19.9	21 54.87	-10 37.6	20.5	-0.80	- 4.4	0.7/20.5	47823
1999 RW ₂₂₉	2003 08 19.9	21 54.92	-21 49.2	17.0	-0.82	- 7.7	3.9/17.0	30315
2000 ST ₂₇₇	2003 08 19.9	21 54.98	-03 53.1	18.2	-0.85	- 5.1	4.5/22.6	7595
2001 DV ₄₂	2003 08 19.9	21 54.99	-12 12.1	20.3	-0.84	- 5.0	0.1/20.1	12299
2002 EZ ₄₅	2003 08 19.9	21 55.00	-04 41.0	19.6	-0.82	- 8.0	3.5/22.6	48218
1999 RV ₁₅₀	2003 08 19.9	21 55.07	-17 16.3	17.3	-0.89	- 3.6	2.1/18.7	30311
1992 ED ₁₀	2003 08 19.9	21 55.07	-08 45.0	19.7	-0.78	- 6.1	1.1/21.2	31802
2000 YR ₁₁₇	2003 08 19.9	21 55.08	-21 11.1	19.9	-0.89	- 6.8	2.9/17.3	12266
2000 YN ₅₂	2003 08 19.9	21 55.16	-19 15.9	18.9	-0.87	- 4.5	2.2/18.1	31930
2001 FC ₉₂	2003 08 20.0	21 55.09	-20 27.7	19.4	-0.75	- 6.8	2.5/17.5	48023
2002 EQ ₉₇	2003 08 20.0	21 55.16	-00 23.1	20.4	-0.94	- 6.0	4.9/23.7	48222
1999 XX ₁₇₆	2003 08 20.0	21 55.18	+25 09.3	18.3	-1.29	+ 7.7	13.8/25.3	31313
2001 BE ₃₄	2003 08 20.0	21 55.18	-14 01.5	17.6	-0.86	- 1.8	0.4/19.7	30447
2001 DJ	2003 08 20.0	21 55.23	-24 00.7	17.5	-1.01	+ 1.5	3.6/17.5	14924
2000 WG ₉₀	2003 08 20.0	21 55.24	+02 00.2	17.7	-0.86	- 1.5	7.7/24.0	30427
1998 FO ₁₃₈	2003 08 20.0	21 55.25	-04 08.0	20.9	-0.85	- 6.6	2.9/22.7	47728
1999 YK ₁₅	2003 08 20.0	21 55.26	-11 44.1	19.9	-0.79	- 5.0	0.3/20.3	47837
2002 CD ₂₇₃	2003 08 20.0	21 55.30	-23 07.3	19.4	-1.02	- 5.0	3.8/17.1	33965
2000 SD ₁₃₈	2003 08 20.0	21 55.42	-11 12.9	18.8	-1.08	- 2.7	0.6/20.4	33260
1401 T-2	2003 08 20.0	21 55.42	-11 37.2	18.4	-0.92	- 3.5	0.5/20.3	48389
2002 EM ₆₈	2003 08 20.1	21 55.46	-03 41.2	18.2	-0.76	-10.5	4.2/23.2	48220
1999 TX ₂₁₀	2003 08 20.1	21 55.52	-16 44.2	20.1	-0.84	- 2.0	1.1/19.0	18214
2002 CT ₁₆₃	2003 08 20.1	21 55.53	-18 44.2	17.6	-1.10	+ 0.6	2.4/18.8	30673
2000 CQ ₁₃₆	2003 08 20.1	21 55.55	-12 42.6	21.7	-0.74	- 3.9	0.0/20.1	3514
2000 BZ ₁₄	2003 08 20.1	21 55.56	-27 32.1	18.6	-0.77	- 2.7	4.0/15.7	13653
2000 RJ ₉₅	2003 08 20.1	21 55.56	-18 22.9	18.6	-1.03	- 3.7	2.9/18.6	47938
1999 XG ₁₉₄	2003 08 20.1	21 55.61	-18 10.3	19.0	-0.80	- 2.6	1.5/18.6	47835
2002 CN ₅₃	2003 08 20.1	21 55.63	-09 53.9	18.4	-0.92	- 6.1	1.1/20.9	48200
2002 EY ₂₅	2003 08 20.1	21 55.67	-11 40.8	20.5	-0.95	- 5.0	0.3/20.4	30705
2002 GA ₁₀₄	2003 08 20.1	21 55.71	-21 50.6	19.8	-0.94	- 6.7	3.4/17.3	48230
2002 JV ₄₃	2003 08 20.1	21 55.71	+05 50.0	19.1	-0.84	- 4.0	6.1/25.7	31665
2002 AA ₁₅₅	2003 08 20.1	21 55.73	-17 00.8	18.3	-0.96	- 8.6	1.8/18.8	30623
2000 WA ₅₁	2003 08 20.1	21 55.74	-43 44.7	19.3	-1.16	- 9.9	10.2/08.0	34973

1999 TU ₁₁₃	2003 08 20.1	21 55.74	-22 32.5	19.1	-1.01	- 1.8	3.4/17.6	33829
2001 BX ₅₁	2003 08 20.1	21 55.74	-02 28.9	19.1	-0.79	- 8.1	3.2/23.5	12278
2001 AW ₂₈	2003 08 20.1	21 55.78	-20 39.5	18.5	-1.03	- 4.8	3.4/17.9	33352
2002 JD ₁₂₅	2003 08 20.1	21 55.79	-13 12.1	20.4	-0.94	- 4.6	0.2/20.0	31746
1999 RJ ₁₇₄	2003 08 20.1	21 55.80	-26 21.8	18.5	-1.11	+ 0.7	5.5/17.1	30312
2001 BB ₁₈	2003 08 20.1	21 55.81	-16 35.4	18.5	-0.72	- 8.0	1.1/18.8	31935
2001 DT ₂₈	2003 08 20.1	21 55.88	-23 09.8	18.4	-0.90	- 1.2	3.3/17.5	14927
1998 GX ₁₀	2003 08 20.1	21 55.89	-21 58.2	18.6	-1.00	- 5.4	3.6/17.5	30267
1999 XJ ₉₂	2003 08 20.2	21 55.86	-08 44.3	19.8	-0.75	- 4.0	1.1/21.3	19467
2000 XR ₃₃	2003 08 20.2	21 55.88	-28 56.9	20.2	-1.00	- 2.6	5.2/15.7	31928
2000 AC ₂₀₀	2003 08 20.2	21 55.88	-12 58.7	18.1	-0.79	- 9.9	0.1/20.1	31894
2000 AU ₁₀₂	2003 08 20.2	21 55.93	-25 36.3	17.3	-0.79	- 5.2	3.9/16.2	33856
1999 JD ₆₈	2003 08 20.2	21 55.94	-25 13.1	18.1	-0.97	- 6.5	5.6/16.4	47780
2000 WQ ₃₅	2003 08 20.2	21 55.95	-13 42.8	18.9	-0.85	- 6.2	0.3/19.9	31923
2002 JY ₂₂	2003 08 20.2	21 55.96	-12 24.7	19.3	-0.77	- 4.5	0.1/20.3	30190
2002 FH ₁₆	2003 08 20.2	21 55.96	-32 53.1	19.9	-0.93	- 1.9	6.5/14.7	31988
1999 TV ₂₇₀	2003 08 20.2	21 55.99	-00 49.9	19.2	-0.87	- 2.5	4.2/23.4	47813
2000 WN ₁₅₅	2003 08 20.2	21 56.02	-07 59.1	18.4	-1.03	- 2.3	1.9/21.4	8558
1999 RZ ₁₉₈	2003 08 20.2	21 56.03	+10 26.4	19.0	-0.81	- 6.2	7.9/27.9	31862
2000 RE ₂	2003 08 20.2	21 56.04	-18 49.2	18.8	-1.11	- 2.4	2.6/18.7	30377
1996 TA ₃₆	2003 08 20.2	21 56.05	-12 35.6	17.8	-0.84	- 3.7	0.0/20.2	47705
2000 WM ₁₉₂	2003 08 20.2	21 56.07	-17 39.2	19.2	-0.99	- 4.5	2.0/18.8	18305
1997 BT ₂	2003 08 20.2	21 56.10	-13 36.9	18.3	-1.01	- 1.2	0.4/20.0	35442
1999 XT ₆₂	2003 08 20.2	21 56.11	-08 18.3	19.4	-0.76	- 4.0	1.3/21.5	13044
2002 JM ₇₀	2003 08 20.2	21 56.13	-11 57.4	18.6	-0.72	- 7.1	0.2/20.5	34000
2002 EM ₇₅	2003 08 20.2	21 56.20	-02 56.3	17.8	-1.00	- 1.5	4.0/22.7	30025
2002 AB ₁₉₁	2003 08 20.2	21 56.29	-24 46.8	18.1	-0.96	- 4.0	5.0/16.8	31964
2001 VG ₇₁	2003 08 20.3	21 56.20	+09 19.6	18.3	-1.47	+ 7.3	11.7/23.6	30544
2002 JY ₃₆	2003 08 20.3	21 56.22	-09 12.2	19.4	-0.76	- 6.2	1.1/21.4	31658
1999 QW	2003 08 20.3	21 56.22	-08 53.1	19.7	-0.83	- 7.7	1.3/21.5	47786
1999 XA ₁₁₂	2003 08 20.3	21 56.29	-12 41.5	19.6	-0.76	- 3.8	0.0/20.3	47832
2002 BL ₁₆	2003 08 20.3	21 56.35	-06 53.3	19.9	-1.05	- 3.6	2.3/22.0	48196
2000 VP ₂₅	2003 08 20.3	21 56.37	-00 03.9	19.9	-0.88	- 5.4	4.1/24.0	31921
1999 RQ ₂₀₃	2003 08 20.3	21 56.39	+03 37.6	18.9	-0.90	- 1.9	5.4/24.6	12158
2090 T-1	2003 08 20.3	21 56.41	-06 11.3	21.3	-0.80	- 5.6	1.7/22.3	11065
2000 YV ₃₃	2003 08 20.3	21 56.41	-05 48.4	18.3	-0.88	- 6.1	2.9/22.0	35537
2002 LK ₂₅	2003 08 20.3	21 56.43	-34 02.9	18.9	-0.95	- 4.4	7.1/13.9	33608
2002 CY ₂₁₉	2003 08 20.3	21 56.61	-12 05.9	17.4	-0.85	- 7.1	0.2/20.5	48210
2002 ER ₄₆	2003 08 20.3	21 56.61	-04 09.1	19.8	-0.80	- 6.5	2.7/23.1	35574
1999 RO ₁₈₀	2003 08 20.3	21 56.63	-23 14.9	17.3	-0.94	- 4.0	4.6/17.4	33823
2002 GR ₁₅₁	2003 08 20.3	21 56.65	-16 29.3	19.4	-0.86	- 5.6	1.4/19.2	31601
2000 AM ₅₂	2003 08 20.4	21 56.57	-30 17.6	18.9	-0.99	- 3.2	6.5/15.2	31889
2002 KG	2003 08 20.4	21 56.59	-36 58.7	19.0	-0.84	- 6.4	6.7/12.2	34009
1999 WQ ₁₇	2003 08 20.4	21 56.61	+12 04.1	19.9	-0.79	- 4.7	10.4/28.1	1545
2002 AQ ₁₅₂	2003 08 20.4	21 56.63	-18 39.4	17.6	-0.81	-13.3	2.4/18.2	30622
1999 XH ₁₁₅	2003 08 20.4	21 56.63	-16 09.8	20.1	-0.81	- 3.5	1.0/19.4	12213
2002 EO ₂₈	2003 08 20.4	21 56.65	-15 58.7	19.4	-0.98	- 3.4	1.4/19.5	48217
2000 AG ₁₀₆	2003 08 20.4	21 56.65	-22 39.8	19.0	-0.74	- 6.1	2.8/17.1	33856
2001 DD ₅	2003 08 20.4	21 56.69	-24 22.3	19.3	-0.79	- 6.1	3.6/16.6	35013
1999 YB ₁₅	2003 08 20.4	21 56.73	-23 39.2	18.2	-0.82	- 6.6	4.3/16.8	6264
2002 GM ₅₁	2003 08 20.4	21 56.76	-20 24.9	18.0	-0.87	- 5.0	3.7/18.1	31996

1999 KH ₄	2003 08 20.4	21 56.77	-26 39.1	20.1	-1.06	- 4.7	5.7/16.5	47783
2000 TF ₁₁	2003 08 20.4	21 56.77	-20 28.8	18.6	-1.04	- 3.8	3.7/18.3	33884
2000 YV ₈₀	2003 08 20.4	21 56.79	-02 56.5	17.0	-0.74	- 4.4	5.1/23.4	48000
1981 ES ₄₇	2003 08 20.4	21 56.80	-17 38.7	17.6	-0.96	- 5.0	2.4/19.0	30240
2002 JO ₁₀	2003 08 20.4	21 56.80	-58 17.4	17.3	-1.03	- 2.4	17.3/02.0	33996
1991 RH ₃	2003 08 20.4	21 56.81	-12 51.4	17.3	-0.95	0.0	0.2/20.4	35434
1999 SA ₁₀	2003 08 20.4	21 56.84	-38 48.4	18.9	-1.12	- 3.4	9.9/11.9	30316
1999 XO ₁₅₇	2003 08 20.4	21 56.86	-06 19.3	19.2	-0.72	- 4.3	1.7/22.3	12216
2001 AD ₄₁	2003 08 20.4	21 56.87	-22 52.3	20.1	-0.81	- 7.1	3.0/17.1	12270
1998 FN ₅₂	2003 08 20.4	21 56.87	-18 52.6	18.6	-0.97	- 3.6	2.2/18.8	30264
1999 VV ₅₅	2003 08 20.4	21 56.88	-13 50.7	18.9	-0.83	- 4.7	0.5/20.1	31297
1999 XM ₁₂₅	2003 08 20.4	21 56.96	-28 40.7	18.5	-0.89	- 2.8	5.1/15.8	31884
1999 SF ₂₆	2003 08 20.4	21 56.99	-05 32.1	19.8	-0.82	- 4.7	2.5/22.6	33092
2002 EV ₇	2003 08 20.4	21 57.03	-19 33.6	20.3	-1.03	- 3.8	2.5/18.6	48215
2002 DQ	2003 08 20.5	21 56.97	-11 58.7	18.5	-0.86	- 6.8	0.2/20.7	30696
2000 SO ₇₁	2003 08 20.5	21 56.98	-29 44.1	19.1	-1.14	- 3.0	6.8/15.9	30389
1999 RB ₁₇	2003 08 20.5	21 57.00	-21 21.8	19.0	-1.26	+ 3.3	3.5/18.9	35474
6716 P-L	2003 08 20.5	21 57.01	-27 18.9	19.4	-0.97	- 1.8	4.9/16.5	6146
1999 VG ₂₀₁	2003 08 20.5	21 57.04	+07 22.7	17.9	-0.86	- 2.0	7.4/26.1	33841
2002 GZ ₃₄	2003 08 20.5	21 57.05	-16 31.1	18.8	-0.93	- 6.2	1.6/19.3	31508
1999 TP ₁₈₉	2003 08 20.5	21 57.08	-05 28.6	19.2	-0.87	- 2.6	2.3/22.4	47809
2000 WR ₇₃	2003 08 20.5	21 57.12	-26 21.0	17.9	-1.06	- 1.2	6.9/17.0	23612
1996 BA ₃	2003 08 20.5	21 57.13	-21 26.7	18.5	-0.84	- 7.5	3.0/17.6	12112
1999 XX ₈₂	2003 08 20.5	21 57.14	+00 29.2	18.4	-0.76	- 3.2	3.7/24.3	13632
1997 YD ₅	2003 08 20.5	21 57.15	-05 17.4	18.1	-0.99	- 4.9	2.8/22.5	31810
2000 XP ₉	2003 08 20.5	21 57.20	-38 55.6	18.6	-1.03	- 4.7	8.8/11.9	31363
1999 KT ₁₇	2003 08 20.5	21 57.21	-18 32.0	20.0	-0.98	- 5.7	2.6/18.8	47783
2002 JH ₁₀₈	2003 08 20.5	21 57.21	-14 11.7	17.4	-0.69	-10.6	0.6/19.9	32031
2001 CM ₂₂	2003 08 20.5	21 57.23	-06 57.2	19.3	-1.04	- 0.2	1.8/21.8	13810
1998 FF ₁₂₂	2003 08 20.5	21 57.27	-04 51.8	18.9	-0.88	- 6.4	2.9/22.9	31814
1999 RE ₈₁	2003 08 20.5	21 57.28	-11 57.2	18.0	-0.80	- 8.0	0.2/20.7	33819
1998 SB ₈₅	2003 08 20.5	21 57.30	-33 07.8	18.8	-0.93	- 1.3	5.9/14.8	13579
1999 XK ₂₃₃	2003 08 20.5	21 57.35	-01 18.7	20.0	-0.76	- 7.9	3.8/24.2	47836
1998 QQ ₉₇	2003 08 20.6	21 57.31	-00 16.5	18.8	-0.83	- 1.7	3.9/23.8	47737
2002 AY ₁₁₇	2003 08 20.6	21 57.32	-12 51.2	19.0	-1.01	- 4.0	0.1/20.5	30617
1994 TJ ₁₁	2003 08 20.6	21 57.37	-02 55.0	20.5	-0.80	- 5.4	3.1/23.5	33245
2002 GL ₉₄	2003 08 20.6	21 57.38	-00 50.8	19.8	-0.80	- 5.3	3.9/24.2	48229
1999 XT ₇₇	2003 08 20.6	21 57.39	-06 08.7	19.2	-0.72	- 3.9	1.7/22.5	47831
1998 KD ₂₉	2003 08 20.6	21 57.40	-35 28.1	19.0	-1.01	- 5.2	7.7/13.3	47732
1999 XU ₄₆	2003 08 20.6	21 57.52	-14 40.9	19.1	-0.82	- 4.0	0.7/20.0	12208
1999 VH ₁₃₂	2003 08 20.6	21 57.54	-16 11.2	20.4	-0.81	- 4.9	1.3/19.5	34810
1996 HJ ₁₉	2003 08 20.6	21 57.58	-21 09.3	19.3	-0.78	- 3.8	2.4/18.1	12113
2001 AE ₁₅	2003 08 20.6	21 57.63	-08 37.9	19.1	-0.84	- 5.9	1.3/21.8	12268
2000 CQ ₃₃	2003 08 20.6	21 57.67	-15 55.4	19.7	-0.74	- 5.4	1.0/19.6	2735
1994 CP ₁₈	2003 08 20.6	21 57.68	-20 43.6	17.7	-0.95	- 4.2	3.4/18.3	33755
2002 CH ₁₆₈	2003 08 20.6	21 57.74	-19 42.9	18.8	-1.05	- 5.5	2.9/18.6	33962
2000 UQ ₁₅	2003 08 20.6	21 57.74	-10 19.2	19.4	-0.96	- 5.2	0.9/21.3	27732
2002 EC ₂₈	2003 08 20.6	21 57.74	-03 24.1	18.8	-0.75	-10.9	3.5/23.9	29965
2000 YL ₄₆	2003 08 20.6	21 57.75	-14 28.9	18.0	-0.93	- 6.2	0.9/20.1	47999
1999 TZ ₁₈₉	2003 08 20.6	21 57.77	-02 54.2	18.2	-0.90	- 1.3	3.7/23.1	34791
2000 WA ₃₂	2003 08 20.7	21 57.69	-29 13.3	19.9	-0.94	- 6.5	5.7/15.4	31923

1998 FQ ₇₈	2003 08 20.7	21 57.72	-43 24.6	20.6	-1.31	- 1.4	9.5/11.9	30265
2000 UZ ₄₈	2003 08 20.7	21 57.78	-21 09.9	19.0	-1.04	- 5.4	3.7/18.2	9850
2002 AX ₆₆	2003 08 20.7	21 57.82	-15 20.5	20.3	-0.99	- 4.4	1.1/19.9	30611
2002 GD ₁₆₀	2003 08 20.7	21 57.85	+03 03.3	21.2	-0.80	- 6.9	4.9/25.8	32010
2000 AZ ₁₀₁	2003 08 20.7	21 57.90	-16 10.0	20.2	-0.95	- 6.5	1.3/19.6	1563
2000 SQ ₁₁₉	2003 08 20.7	21 57.91	-26 04.1	18.6	-1.09	- 4.7	5.7/16.8	31915
2000 WH ₉₁	2003 08 20.7	21 57.94	-26 46.6	19.1	-0.98	- 5.5	6.3/16.4	33314
2002 JL ₁₄	2003 08 20.7	21 57.98	-10 43.1	19.3	-0.90	- 7.6	0.6/21.3	31627
1999 RW ₁₇₁	2003 08 20.7	21 58.06	-12 05.6	19.1	-0.84	- 8.0	0.1/20.9	47795
2002 CX ₁₆₈	2003 08 20.7	21 58.08	-21 31.4	18.7	-0.97	- 4.1	3.4/18.3	48208
2002 AS ₂₀	2003 08 20.7	21 58.10	-34 01.6	18.7	-1.08	-21.3	9.3/11.7	30606
1998 RZ ₅₈	2003 08 20.7	21 58.10	-11 00.9	18.5	-0.78	- 3.8	0.4/21.2	31826
2000 UY ₇₇	2003 08 20.7	21 58.12	-24 45.6	18.0	-0.92	- 2.7	6.5/17.3	33291
2001 CC ₄₄	2003 08 20.8	21 58.07	-36 48.4	18.6	-1.09	+ 1.1	6.7/14.9	14923
1999 VT ₄₈	2003 08 20.8	21 58.11	-22 53.8	19.1	-0.91	- 2.4	3.2/17.9	47820
2002 JE ₈₅	2003 08 20.8	21 58.15	-21 30.9	19.3	-0.80	- 3.5	2.9/18.2	32027
1999 TO ₂	2003 08 20.8	21 58.19	-33 27.7	17.0	-0.80	- 9.2	9.0/12.7	31864
2000 WY ₁₀₄	2003 08 20.8	21 58.20	-24 16.6	19.3	-1.07	- 4.1	5.2/17.6	29569
2001 BZ ₅₉	2003 08 20.8	21 58.31	-09 46.1	19.2	-0.86	- 6.1	0.9/21.6	12279
2000 WU ₅	2003 08 20.8	21 58.33	-12 44.6	17.6	-1.04	- 1.1	0.2/20.8	33304
2002 CE ₂₄₈	2003 08 20.8	21 58.36	-07 39.6	17.8	-0.78	- 7.9	1.6/22.4	31971
2001 MQ ₇	2003 08 20.8	21 58.38	+05 43.7	20.0	-0.63	- 5.3	4.5/27.0	38310
1998 SA ₁₁₇	2003 08 20.8	21 58.41	+01 17.2	18.6	-0.74	- 3.8	4.6/25.0	35458
2002 AE ₁₂₅	2003 08 20.8	21 58.43	-15 44.1	18.5	-0.84	- 8.9	1.1/19.8	33958
2002 GY ₁₄₀	2003 08 20.8	21 58.44	-20 06.0	18.7	-0.93	- 3.9	3.2/18.7	41765
2002 FW ₁₁	2003 08 20.9	21 58.42	-22 59.5	19.9	-1.10	- 2.9	4.4/18.2	31481
2000 YN ₇₃	2003 08 20.9	21 58.50	-07 10.7	17.0	-0.90	- 4.6	2.3/22.4	34988
2002 EM ₉₀	2003 08 20.9	21 58.50	-14 12.7	17.7	-0.84	- 7.3	0.8/20.3	30718
2001 CM ₂	2003 08 20.9	21 58.51	-13 58.4	19.1	-0.94	- 2.0	0.5/20.5	13809
2135 T-3	2003 08 20.9	21 58.51	-01 43.6	18.9	-0.74	- 4.7	3.4/24.2	32043
2000 WZ ₂₄	2003 08 20.9	21 58.52	-06 31.7	19.0	-1.05	- 3.0	2.5/22.0	9869
1999 TS ₇	2003 08 20.9	21 58.53	-43 21.8	18.7	-1.19	+ 2.0	14.4/11.8	29107
2002 AB ₁₄₄	2003 08 20.9	21 58.53	-16 11.5	18.5	-0.93	- 6.9	1.4/19.8	25585
2000 EZ ₈	2003 08 20.9	21 58.54	-17 52.6	19.3	-0.93	- 0.7	1.7/19.5	2755
1998 SV ₈₃	2003 08 20.9	21 58.56	-14 43.6	19.6	-0.81	- 3.6	0.8/20.3	47747
1998 DR ₉	2003 08 20.9	21 58.58	-22 04.9	19.3	-1.09	- 1.6	4.5/18.5	30260
1999 JX ₉₁	2003 08 20.9	21 58.64	-21 52.7	18.7	-0.99	- 7.7	3.8/18.0	33812
2001 BV ₂₈	2003 08 20.9	21 58.68	-13 10.2	18.7	-0.80	- 6.8	0.3/20.7	31936
1999 WO ₁₁	2003 08 20.9	21 58.77	-02 59.8	18.2	-0.80	- 2.6	2.8/23.6	33842
1999 RC ₈₈	2003 08 20.9	21 58.78	-22 41.2	17.9	-0.99	0.0	4.7/18.5	47790
2002 BW ₁₁	2003 08 20.9	21 58.79	-12 49.1	19.5	-0.97	- 5.8	0.2/20.8	30631
2000 UP ₃₇	2003 08 20.9	21 58.81	-01 22.5	18.4	-0.91	- 6.1	4.3/24.3	29456
2001 FU ₂₉	2003 08 20.9	21 58.82	+03 26.4	20.2	-0.80	- 4.4	4.5/25.7	13827
2002 JR ₁₄	2003 08 20.9	21 58.83	-19 16.2	18.4	-0.85	- 5.9	2.6/18.9	32015
2000 AM ₂₀₉	2003 08 20.9	21 58.86	+03 23.9	20.1	-0.77	- 3.7	4.9/25.8	34871
1999 VM ₅₇	2003 08 21.0	21 58.81	-11 27.2	19.7	-0.83	- 4.3	0.3/21.3	11644
2002 JU ₇₃	2003 08 21.0	21 58.83	+00 17.6	20.1	-0.80	- 6.3	3.7/25.0	31706
2002 GV ₁₅	2003 08 21.0	21 58.84	-25 41.0	20.3	-0.93	- 2.9	4.2/17.4	30138
2000 WK ₁₈₆	2003 08 21.0	21 58.85	+26 11.8	18.6	-1.03	+ 1.1	14.2/32.0	11812
1999 RU ₁₀₅	2003 08 21.0	21 58.86	+04 23.9	18.2	-0.97	- 0.3	6.5/25.1	12153
1999 SA ₁₃	2003 08 21.0	21 58.89	-38 32.3	17.8	-0.95	- 5.3	10.0/12.1	33825

1999 XM ₁₈₄	2003 08 21.0	21 58.95	-26 36.2	19.6	-0.92	- 3.7	4.6/16.8	17108
2000 SO ₂₇₂	2003 08 21.0	21 58.96	-14 54.7	18.7	-1.00	- 3.3	1.3/20.4	47964
1998 HM ₉₆	2003 08 21.0	21 59.00	-25 39.3	18.9	-0.94	- 4.6	4.7/17.2	28997
1999 VM ₈	2003 08 21.0	21 59.06	-20 47.2	18.0	-0.90	- 4.8	3.1/18.5	31874
1998 FO ₂₅	2003 08 21.0	21 59.08	-06 25.5	18.9	-0.89	- 5.7	2.1/22.8	30263
2001 CH ₂₂	2003 08 21.0	21 59.08	-02 28.7	18.8	-0.92	+ 0.3	2.8/23.4	12287
2002 GV ₉₈	2003 08 21.0	21 59.12	-04 56.9	21.3	-0.87	- 5.3	2.4/23.3	48229
2000 YF ₁₀₆	2003 08 21.0	21 59.13	-31 56.1	18.0	-0.95	- 3.6	6.2/15.4	31932
2000 WR ₄₀	2003 08 21.0	21 59.16	-12 04.3	17.7	-0.81	- 9.5	0.1/21.2	30425
2000 SO ₂₆₉	2003 08 21.0	21 59.20	-25 24.7	18.0	-1.02	- 5.1	6.3/17.2	13775
1999 XH ₂₁₅	2003 08 21.0	21 59.21	-32 02.3	17.8	-0.77	- 8.1	5.6/14.0	33851
2002 EW ₂₀	2003 08 21.0	21 59.23	-08 59.2	18.8	-0.94	- 6.7	1.3/22.1	30704
1999 VC ₃₀	2003 08 21.0	21 59.23	-15 27.3	19.6	-0.75	- 4.1	0.8/20.2	47819
2000 WC ₁₇₃	2003 08 21.0	21 59.24	-30 36.2	17.4	-0.88	- 7.7	6.2/14.8	33887
1997 EM ₄₇	2003 08 21.1	21 59.20	-25 48.2	19.9	-0.98	- 2.1	4.3/17.5	47710
2001 BD ₂₆	2003 08 21.1	21 59.23	-14 55.5	18.9	-0.79	- 6.5	0.8/20.3	31936
1999 TJ ₁₀₈	2003 08 21.1	21 59.23	-04 30.5	18.3	-0.87	- 3.1	3.4/23.3	29123
1981 ER ₂₃	2003 08 21.1	21 59.23	-14 42.4	19.7	-0.90	- 5.1	0.8/20.4	9663
2000 WK ₁₁₆	2003 08 21.1	21 59.23	-05 28.4	18.9	-1.02	- 3.4	2.8/22.9	9878
1323 T-2	2003 08 21.1	21 59.25	-05 58.4	18.8	-0.79	- 8.9	2.8/23.2	30772
2000 AL ₂₇	2003 08 21.1	21 59.26	+07 01.4	18.2	-0.87	+ 0.3	5.7/26.0	13095
2002 JZ ₅₇	2003 08 21.1	21 59.27	-12 51.6	19.7	-0.78	- 3.9	0.2/21.0	31684
2002 KS ₈	2003 08 21.1	21 59.29	-18 11.8	19.2	-0.71	- 7.3	1.7/19.2	31762
2002 AR ₁₆₇	2003 08 21.1	21 59.32	-10 10.9	19.4	-0.95	- 4.9	0.8/22.0	30625
1995 WS ₃	2003 08 21.1	21 59.44	-09 00.0	17.4	-0.85	- 2.3	1.6/22.0	30249
2002 FY ₃	2003 08 21.1	21 59.45	-24 01.3	19.3	-0.99	- 5.9	4.5/17.7	30729
1999 VM ₉₅	2003 08 21.1	21 59.48	+38 34.3	18.1	-0.46	-13.2	21.2/11.0	46387
2002 EB ₃₁	2003 08 21.1	21 59.52	-19 28.5	20.1	-1.03	- 3.7	2.6/19.3	29973
2002 GP ₈₂	2003 08 21.1	21 59.53	-12 38.3	18.4	-0.74	- 7.2	0.1/21.1	48229
1998 FX ₄	2003 08 21.1	21 59.54	-10 41.9	19.7	-0.94	- 6.1	0.6/21.6	30262
1999 UE ₈	2003 08 21.2	21 59.55	-11 54.2	19.2	-0.85	- 4.1	0.1/21.3	33834
2000 UU ₁₀₅	2003 08 21.2	21 59.58	-22 03.8	19.2	-0.97	- 6.9	3.8/18.2	47982
2002 GJ ₂₆	2003 08 21.2	21 59.61	-46 04.5	19.9	-1.12	0.0	9.4/11.8	33544
1998 SO ₁₅₉	2003 08 21.2	21 59.71	-16 21.8	19.3	-0.77	- 4.5	1.4/20.0	34743
2002 GW ₃₉	2003 08 21.2	21 59.76	-20 38.3	17.5	-1.07	+ 3.9	4.0/19.7	31512
1999 RS ₇₅	2003 08 21.2	21 59.78	-04 39.8	19.1	-0.90	- 4.3	2.6/23.4	47790
1992 SP ₁₇	2003 08 21.2	21 59.79	-13 04.3	18.9	-0.89	- 2.8	0.4/21.0	34681
1999 RL ₁₈	2003 08 21.2	21 59.81	-16 22.9	18.1	-1.05	- 0.1	1.5/20.3	35474
2001 AU ₂₄	2003 08 21.2	21 59.86	-08 23.5	16.6	-0.70	- 8.0	1.4/22.6	31934
2002 GP ₁₄₂	2003 08 21.2	21 59.90	-07 49.0	20.8	-0.86	- 5.5	1.4/22.6	32009
2000 UR ₁₂	2003 08 21.2	21 59.92	-20 47.0	18.5	-1.07	- 3.0	3.4/19.1	31918
2002 CS ₈₃	2003 08 21.2	21 59.96	-17 32.6	18.4	-0.87	- 7.2	2.3/19.6	29802
1999 TC ₂₅	2003 08 21.3	21 59.99	-18 24.4	19.4	-1.04	- 3.6	2.4/19.6	1473
2002 CO ₂₁₉	2003 08 21.3	22 00.02	-12 31.1	18.8	-0.88	- 8.1	0.1/21.2	48210
2000 WO ₁₂₉	2003 08 21.3	22 00.03	-24 04.6	19.9	-1.02	- 4.0	4.4/18.0	31359
2000 WW ₅₉	2003 08 21.3	22 00.05	+05 09.4	18.9	-0.86	- 3.2	5.4/26.3	33886
2000 YD ₈₇	2003 08 21.3	22 00.06	-22 05.9	18.8	-0.93	- 6.6	3.6/18.3	30442
2000 YL ₆₀	2003 08 21.3	22 00.07	+04 01.3	18.7	-0.86	- 1.2	5.1/25.8	31375
2000 QS ₆₈	2003 08 21.3	22 00.10	-06 47.0	18.5	-0.97	- 7.2	2.2/23.0	47916
2001 FR ₁₄	2003 08 21.3	22 00.14	-03 53.9	19.3	-0.70	- 5.8	2.4/24.0	48018
1998 FC ₄	2003 08 21.3	22 00.20	-17 21.2	20.4	-1.00	- 3.3	1.9/20.0	31224

1999 TV ₁₂₂	2003 08 21.3	22 00.24	-21 51.0	20.2	-0.98	- 3.5	3.4/18.7	14140
2001 HG ₂₁	2003 08 21.3	22 00.29	-04 05.8	19.2	-0.59	- 3.6	1.8/23.9	13435
2001 BN ₃₃	2003 08 21.3	22 00.35	-16 25.2	18.6	-0.85	-19.1	1.7/19.7	48006
2000 RL ₉₅	2003 08 21.3	22 00.35	-17 43.4	18.5	-1.05	- 4.8	2.6/19.9	30384
2002 FN ₁₀	2003 08 21.4	22 00.28	-23 39.4	19.2	-0.98	- 2.5	4.0/18.4	48225
1999 XM ₅	2003 08 21.4	22 00.31	-36 39.1	19.6	-0.88	- 3.8	6.4/13.5	13627
1998 SQ ₅₇	2003 08 21.4	22 00.37	-16 40.8	18.7	-0.77	- 4.5	1.3/20.1	31831
1999 VY ₆₉	2003 08 21.4	22 00.37	-30 43.5	19.4	-0.89	- 2.9	5.5/16.0	31876
1998 UC ₄₂	2003 08 21.4	22 00.40	-10 02.0	20.1	-0.76	- 5.3	0.7/22.0	13584
1996 RE ₁₆	2003 08 21.4	22 00.41	-13 19.9	20.2	-0.98	- 4.4	0.4/21.1	35441
2000 YK ₁₄₁	2003 08 21.4	22 00.49	-09 13.7	20.8	-1.04	- 3.2	1.2/22.2	20835
1998 UG ₄₀	2003 08 21.4	22 00.49	-08 53.3	17.7	-0.80	- 2.8	1.2/22.4	31841
2002 JD ₁₄₁	2003 08 21.4	22 00.57	-00 55.1	19.9	-0.78	- 5.7	3.6/25.0	31752
2002 CB ₂₁₈	2003 08 21.4	22 00.64	-16 19.0	18.9	-1.08	- 1.9	1.7/20.5	30684
2002 GW ₃₈	2003 08 21.4	22 00.65	-03 28.4	17.7	-0.73	- 7.3	3.3/24.4	31994
2001 BT ₂₂	2003 08 21.4	22 00.68	-11 30.8	19.9	-0.89	- 4.2	0.2/21.7	30447
2002 GR ₈	2003 08 21.4	22 00.68	+08 11.3	19.7	-0.76	- 7.4	6.8/28.7	48226
2001 DT ₉₂	2003 08 21.4	22 00.69	-17 04.7	18.6	-0.83	- 5.7	1.7/20.0	33899
2000 YB ₈	2003 08 21.4	22 00.72	-08 48.3	19.0	-0.98	- 2.7	1.3/22.4	34984
4618 P-L	2003 08 21.4	22 00.72	-10 37.1	18.6	-0.95	- 6.2	0.7/21.9	30771
2001 XK ₂₆	2003 08 21.4	22 00.74	+06 11.0	18.6	-1.36	+ 3.0	8.5/24.9	30564
2001 FO ₁₂₂	2003 08 21.5	22 00.64	-18 21.9	22.2	-0.74	- 3.6	1.4/19.7	14424
2001 CX ₃	2003 08 21.5	22 00.68	-20 43.7	18.6	-0.93	- 6.7	3.2/18.8	35006
2002 ET ₆₉	2003 08 21.5	22 00.72	-09 50.2	20.0	-0.93	- 5.3	0.8/22.2	48220
2001 BV ₁₄	2003 08 21.5	22 00.72	-08 36.0	15.9	-1.05	+ 2.4	1.5/22.2	12273
1999 XO ₁₄₇	2003 08 21.5	22 00.73	-17 04.4	19.1	-0.82	- 4.5	1.7/20.1	47833
1999 JD ₂₅	2003 08 21.5	22 00.75	-02 28.0	17.0	-0.94	- 3.6	4.5/24.2	27618
1999 VD ₉₁	2003 08 21.5	22 00.79	+01 30.3	19.4	-0.79	- 5.5	4.8/25.8	47822
2000 VQ ₁₆	2003 08 21.5	22 00.87	-09 55.8	18.8	-0.96	- 7.3	1.0/22.0	13795
2000 XC ₅₄	2003 08 21.5	22 00.87	-21 56.8	17.8	-1.10	0.0	3.6/19.3	11012
2001 FU ₃₈	2003 08 21.5	22 00.90	-03 48.5	19.5	-0.71	- 4.1	2.2/24.1	13829
1999 VB ₁	2003 08 21.5	22 00.91	-35 13.9	19.6	-1.04	- 4.7	8.3/13.9	40387
1998 DX ₁₃	2003 08 21.5	22 00.91	-15 55.9	20.4	-0.95	- 4.5	1.3/20.5	33016
2000 VY ₅₆	2003 08 21.5	22 00.92	-11 26.7	19.8	-0.99	- 4.6	0.3/21.8	33886
1999 XG ₂₀₃	2003 08 21.5	22 00.95	-35 28.7	18.9	-0.84	- 4.0	6.1/13.9	13077
2000 UN ₄₈	2003 08 21.5	22 00.98	-22 03.6	19.3	-1.02	- 4.6	4.3/18.7	47978
1999 VT ₉₁	2003 08 21.5	22 01.03	-34 14.1	17.6	-0.76	- 9.1	9.3/13.1	17076
2000 RS ₃₅	2003 08 21.5	22 01.04	-12 18.2	17.1	-1.01	- 1.8	0.1/21.5	27693
2000 YG ₆₆	2003 08 21.5	22 01.04	-19 36.1	20.6	-0.85	- 5.7	2.5/19.3	48000
2002 JX ₁₀₉	2003 08 21.5	22 01.08	-28 03.5	20.6	-0.85	- 3.2	4.9/16.9	48236
4138 P-L	2003 08 21.5	22 01.11	-17 34.8	19.1	-1.10	- 3.0	2.2/20.2	30771
2000 XM ₁₀	2003 08 21.6	22 01.05	-40 01.9	19.1	-1.07	- 4.1	10.0/12.3	31364
1995 CQ ₃	2003 08 21.6	22 01.08	-10 05.1	19.9	-0.74	- 4.6	0.6/22.2	47695
2000 YW ₁₀	2003 08 21.6	22 01.09	+01 28.5	17.6	-0.97	- 0.4	5.0/25.0	30438
1999 XV ₂₃₇	2003 08 21.6	22 01.09	-23 09.9	19.7	-0.85	- 4.3	3.5/18.3	17116
1998 UN ₃₆	2003 08 21.6	22 01.13	+02 56.9	18.6	-0.72	- 3.9	4.6/26.3	33787
2001 AA ₃₈	2003 08 21.6	22 01.14	-34 19.9	19.5	-0.86	- 6.1	6.6/14.1	48004
1998 BQ ₂₄	2003 08 21.6	22 01.14	-17 14.8	18.5	-1.01	- 4.6	1.9/20.2	47722
2001 EL ₇	2003 08 21.6	22 01.17	-17 28.5	19.7	-0.73	- 4.7	1.4/20.0	13819
2002 JZ ₈₀	2003 08 21.6	22 01.22	-17 26.6	20.1	-0.88	- 3.9	1.7/20.1	31716
2002 HG ₁	2003 08 21.6	22 01.28	-20 58.8	18.9	-0.92	- 4.3	3.0/19.1	32010

2003 AUG. 6

M.P.C. 49355

2002 KX ₁₀	2003 08 21.6	22 01.29	-48 05.8	19.2	-1.02	- 3.1	10.7/08.7	33592
1999 TE ₇₇	2003 08 21.6	22 01.34	-14 47.3	19.1	-0.86	- 3.9	1.0/20.9	10429
2000 UL ₆₅	2003 08 21.6	22 01.41	-21 11.9	18.5	-1.10	- 1.1	4.3/19.5	47979
2000 YV ₂₁	2003 08 21.6	22 01.42	-06 13.6	16.9	-1.03	- 1.6	2.5/23.1	31929
2001 DD ₁₀₁	2003 08 21.6	22 01.43	-24 19.0	19.3	-0.88	- 5.2	4.0/17.9	31403
2002 CV ₉₃	2003 08 21.6	22 01.43	-15 13.2	20.3	-0.89	- 6.7	1.2/20.7	48202
2000 UG ₆₇	2003 08 21.7	22 01.43	-08 01.6	19.0	-0.97	- 4.3	1.5/22.8	31919
1995 UU ₅₉	2003 08 21.7	22 01.47	-02 22.6	19.1	-0.82	- 5.6	3.2/24.7	46327
2000 RQ ₂₇	2003 08 21.7	22 01.47	-03 34.1	18.4	-0.95	- 6.7	3.9/24.3	47933
2001 FQ ₄₉	2003 08 21.7	22 01.48	+08 25.5	19.2	-0.68	- 5.7	5.5/28.7	13303
2001 DE ₃₁	2003 08 21.7	22 01.53	-17 56.7	21.1	-0.89	- 3.2	1.7/20.1	48011
1999 XX ₃₆	2003 08 21.7	22 01.58	+00 11.4	17.6	-0.94	- 1.3	4.6/24.8	40409
2002 JT ₇₁	2003 08 21.7	22 01.63	-00 04.5	19.7	-0.80	- 7.1	3.6/25.7	32025
1999 RE ₁₈₆	2003 08 21.7	22 01.66	-11 14.0	18.9	-0.83	- 8.6	9.6/02.0	10397
2002 LW ₆	2003 08 21.7	22 01.69	+00 23.5	18.4	-0.70	- 5.7	4.0/25.8	31771
2000 YQ ₅₄	2003 08 21.7	22 01.69	-16 48.0	18.5	-0.93	- 6.4	1.9/20.3	47999
2000 SR ₂₀	2003 08 21.7	22 01.77	-01 59.8	17.3	-0.98	- 4.8	4.6/24.7	27701
1999 KS ₁₀	2003 08 21.7	22 01.81	-21 49.2	19.5	-1.00	- 6.5	3.8/18.9	33813
1999 RH ₁₈₇	2003 08 21.7	22 01.82	-18 08.5	16.9	-0.81	- 6.4	2.7/19.9	30313
1999 XP ₁₁₅	2003 08 21.8	22 01.75	+11 17.9	19.3	-0.87	- 1.8	8.7/28.3	6263
2001 CE ₉	2003 08 21.8	22 01.75	-17 40.6	18.1	-0.82	- 2.3	1.6/20.3	12285
1974 CB	2003 08 21.8	22 01.78	-12 02.5	18.3	-1.03	- 3.6	8.9/02.0	30239
2000 WP ₉₀	2003 08 21.8	22 01.87	-21 02.0	18.9	-0.98	- 4.5	4.2/19.2	33314
2000 WG ₈₅	2003 08 21.8	22 01.91	-06 03.0	19.7	-0.93	- 3.8	2.1/23.5	31357
2002 EH ₂₀	2003 08 21.8	22 01.92	-16 03.1	19.6	-0.98	- 4.5	1.4/20.7	29953
2002 BA ₂₄	2003 08 21.8	22 01.94	-30 04.2	16.6	-1.15	+ 1.1	8.0/18.0	30633
2000 SL ₂₇₅	2003 08 21.8	22 01.98	-27 36.0	17.1	-1.00	- 2.6	7.8/17.5	35535
2001 BY ₃₉	2003 08 21.8	22 02.03	-03 50.6	18.8	-0.78	- 3.8	2.6/24.3	31936
2000 UW ₇₀	2003 08 21.8	22 02.03	-20 27.4	18.1	-0.99	- 0.8	4.4/19.8	27736
2000 YN ₁₂₅	2003 08 21.8	22 02.12	-20 24.4	19.3	-0.97	- 1.4	2.7/19.7	12266
1999 GT ₅₃	2003 08 21.9	22 02.14	-03 00.9	17.6	-0.99	- 2.8	4.3/24.4	26895
1995 TM ₁	2003 08 21.9	22 02.18	+11 34.5	18.6	-0.76	- 8.8	9.0/30.5	30248
2002 HN ₅	2003 08 21.9	22 02.18	-42 45.4	18.1	-0.98	- 2.0	9.9/12.6	32011
1999 TJ ₂₁₄	2003 08 21.9	22 02.20	-20 24.9	19.2	-0.90	- 3.5	2.8/19.5	33832
1993 TY ₁₉	2003 08 21.9	22 02.27	-24 03.2	18.0	-0.98	- 2.3	6.0/18.7	33754
2001 CK ₄₀	2003 08 21.9	22 02.32	-28 09.8	19.1	-0.89	- 4.3	4.9/17.0	33896
2000 WD ₅₉	2003 08 21.9	22 02.35	-15 14.8	19.4	-0.90	- 5.6	1.1/21.0	47989
2000 YK ₄₇	2003 08 21.9	22 02.39	-10 58.2	18.2	-0.91	- 6.0	9.8/02.0	33889
2000 US ₃₀	2003 08 21.9	22 02.40	-06 10.3	19.7	-0.95	- 6.0	2.3/23.7	38287
2002 EH ₁₀₄	2003 08 21.9	22 02.43	-22 44.7	19.2	-0.84	- 4.3	3.4/18.8	31982
2001 BP ₅₆	2003 08 21.9	22 02.44	-13 45.6	19.2	-0.80	- 2.8	0.5/21.5	33893
2002 BH ₁₉	2003 08 21.9	22 02.47	-28 24.2	18.7	-0.86	- 8.8	5.4/16.5	30632
2002 JG ₆₃	2003 08 21.9	22 02.53	-29 41.7	20.5	-0.84	- 3.7	5.4/16.6	48235
2001 CL ₁	2003 08 21.9	22 02.55	-19 23.0	17.9	-0.79	-11.2	2.7/19.3	31937
1999 LP ₂₀	2003 08 21.9	22 02.57	-24 51.8	18.2	-0.92	- 5.7	5.8/18.1	30300
2000 YK ₅₃	2003 08 22.0	22 02.57	-15 49.2	18.5	-0.89	- 5.3	1.5/20.9	33340
2002 GC ₁₀	2003 08 22.0	22 02.72	-50 03.8	20.3	-1.30	- 0.1	10.7/11.6	31991
2000 VN ₂₇	2003 08 22.0	22 02.73	-24 16.5	18.2	-0.99	- 6.5	5.5/18.2	31921
2000 UD ₇₂	2003 08 22.0	22 02.74	-06 53.1	17.5	-0.97	- 4.3	2.0/23.5	31919
2002 JY ₅₃	2003 08 22.0	22 02.85	-15 57.1	19.8	-0.89	- 3.9	1.3/21.0	35577
2000 AR ₁₀₈	2003 08 22.0	22 02.86	+00 28.1	18.7	-0.79	- 2.6	4.2/25.6	34862

2002 GF ₆₇	2003 08 22.0	22 02.87	-11 31.7	18.7	-0.90	- 5.3	0.2/22.2	48228
2000 VP ₅₅	2003 08 22.0	22 02.88	-20 13.9	17.4	-1.05	- 1.4	4.1/20.0	31922
2000 WD ₁₇₈	2003 08 22.1	22 02.86	-29 56.2	16.9	-0.57	- 7.3	10.0/14.8	47994
2002 GQ ₁₅₁	2003 08 22.1	22 02.88	-38 01.0	18.3	-0.95	- 4.1	8.7/13.8	31601
2002 FN ₇	2003 08 22.1	22 03.03	+11 20.9	19.2	-0.78	- 7.0	7.4/30.4	48224
2000 YO ₃₆	2003 08 22.1	22 03.07	-21 19.1	19.5	-0.84	- 6.7	3.1/19.2	31930
2001 CV ₃₆	2003 08 22.1	22 03.08	-10 13.9	19.2	-0.69	-10.7	0.5/22.8	31939
1999 UK ₄₅	2003 08 22.1	22 03.11	-05 11.6	19.0	-0.87	- 2.3	2.1/24.0	10920
1997 CN ₁	2003 08 22.1	22 03.12	-19 24.3	19.1	-0.93	- 4.6	2.5/20.0	12115
1998 RS ₆	2003 08 22.1	22 03.13	-16 41.1	18.8	-0.91	- 1.2	1.6/21.0	31237
2002 EK ₂₅	2003 08 22.1	22 03.17	+00 06.5	20.6	-0.87	- 5.2	4.2/25.9	29961
2001 DT ₉₉	2003 08 22.2	22 03.26	-01 33.0	20.4	-0.79	- 3.8	2.9/25.3	16092
2000 TW ₂₁	2003 08 22.2	22 03.30	-14 29.9	20.1	-1.00	- 5.2	0.9/21.5	31340
2002 CH ₁₁₂	2003 08 22.2	22 03.31	-03 14.0	19.9	-0.76	- 9.3	2.6/25.2	30661
2000 YA ₉₇	2003 08 22.2	22 03.39	-21 01.9	19.4	-0.75	- 6.2	2.5/19.3	33890
1988 SL ₂	2003 08 22.2	22 03.40	-10 53.2	20.1	-0.59	- 3.7	0.2/22.6	47681
1999 TU ₁₇₁	2003 08 22.2	22 03.43	-11 41.3	19.3	-0.84	- 6.1	0.1/22.3	11592
2000 TW ₁₈	2003 08 22.2	22 03.45	-15 39.4	20.1	-1.00	- 5.3	1.4/21.2	31340
1998 UR ₂₄	2003 08 22.2	22 03.45	-15 16.8	18.7	-0.78	- 4.8	1.2/21.2	47753
2000 BT	2003 08 22.2	22 03.45	-01 07.0	19.4	-0.73	- 3.0	3.0/25.4	19492
2002 KP ₃	2003 08 22.2	22 03.52	-13 27.0	19.0	-0.81	- 3.7	0.5/21.8	33588
2002 CQ ₅₄	2003 08 22.2	22 03.53	-07 44.3	20.3	-0.94	- 5.8	1.5/23.5	48200
1994 AX ₁₀	2003 08 22.2	22 03.54	-15 18.6	19.0	-1.02	- 3.7	1.5/21.3	10830
1992 ED ₂₃	2003 08 22.2	22 03.54	-22 45.8	19.3	-1.04	- 5.5	4.3/19.1	31802
2002 GW ₈₇	2003 08 22.2	22 03.55	-19 07.5	20.2	-0.96	- 5.8	2.5/20.1	31559
2002 LB ₁₆	2003 08 22.2	22 03.57	+06 12.3	19.2	-0.82	- 3.4	5.4/27.7	33601
1998 TS ₂₇	2003 08 22.2	22 03.59	-24 07.5	20.2	-0.87	- 2.1	3.8/18.9	47752
2000 XX ₂₄	2003 08 22.2	22 03.65	-11 38.3	18.0	-0.96	- 1.6	0.1/22.4	30436
2002 CW ₁₁₁	2003 08 22.2	22 03.67	-14 12.6	17.4	-0.82	- 9.5	1.0/21.5	30661
1999 RL ₁₆₅	2003 08 22.3	22 03.62	-16 14.7	18.4	-1.03	- 1.5	1.4/21.2	47794
2000 YW ₁₁₁	2003 08 22.3	22 03.62	-13 58.0	20.0	-0.91	- 3.7	0.7/21.7	15094
2001 DA ₂	2003 08 22.3	22 03.63	-13 10.6	20.2	-0.90	- 4.6	0.5/21.9	27191
2002 JK ₅₇	2003 08 22.3	22 03.68	-08 46.4	19.9	-0.76	- 4.4	1.0/23.3	33999
2002 GK ₅₇	2003 08 22.3	22 03.70	-07 45.0	18.4	-1.08	+ 1.6	1.7/23.2	31530
2000 YV ₃₀	2003 08 22.3	22 03.73	-05 24.1	19.1	-0.91	- 1.0	2.0/24.0	13800
2002 BX ₁₅	2003 08 22.3	22 03.73	-08 24.8	19.0	-1.06	- 3.7	1.4/23.2	30632
2002 CX ₅₁	2003 08 22.3	22 03.76	-13 09.1	20.6	-0.95	- 3.4	0.4/22.0	30646
1999 TF ₁₃₉	2003 08 22.3	22 03.76	-11 27.5	20.0	-0.83	- 4.3	0.1/22.5	47807
2001 BN ₂₅	2003 08 22.3	22 03.77	-14 06.2	19.1	-0.88	- 6.7	0.8/21.7	12274
1999 XY ₁₃₃	2003 08 22.3	22 03.78	-15 32.7	17.4	-0.85	- 1.3	1.2/21.4	47833
2002 GU ₁₇₃	2003 08 22.3	22 03.86	-36 53.7	20.1	-1.05	- 3.3	8.4/14.8	33559
2000 AP ₁₂₀	2003 08 22.3	22 03.89	-08 10.9	19.7	-0.77	- 5.2	1.2/23.5	19481
1999 RC ₁₆₂	2003 08 22.3	22 03.89	-11 43.3	17.8	-1.01	- 1.5	0.1/22.4	30311
1999 XB ₁₆₁	2003 08 22.3	22 03.99	-28 07.1	18.0	-0.99	- 3.5	6.1/17.5	40421
1998 SO ₃	2003 08 22.3	22 04.00	-21 07.5	19.6	-0.76	- 4.5	2.6/19.5	13577
2000 SO ₄₁	2003 08 22.3	22 04.00	-15 44.7	18.9	-1.01	- 5.6	1.7/21.3	47943
2002 ER ₂	2003 08 22.3	22 04.00	-20 44.5	19.5	-0.82	- 5.0	3.0/19.7	30700
2000 AH ₂₀₈	2003 08 22.3	22 04.03	-29 07.1	18.6	-0.82	- 4.8	5.5/17.0	29207
2000 WL ₅	2003 08 22.3	22 04.05	-07 46.8	18.5	-0.91	- 3.4	1.3/23.5	31350
1999 TW ₂₇₄	2003 08 22.3	22 04.05	-11 07.6	19.6	-0.93	- 3.5	0.3/22.6	17061
1999 XR ₆₇	2003 08 22.4	22 03.98	-12 52.4	20.0	-0.72	- 4.5	0.3/22.1	11700

2000 TS ₃₅	2003 08 22.4	22 04.00	-07 26.8	18.6	-0.97	- 5.5	1.8/23.7	31917
2000 QS ₂₁₅	2003 08 22.4	22 04.01	-19 34.1	19.3	-1.07	- 4.7	3.3/20.3	47929
1999 RD ₉₇	2003 08 22.4	22 04.02	-12 34.2	18.9	-0.90	- 4.6	0.3/22.2	47791
2002 GQ ₄₆	2003 08 22.4	22 04.03	-20 49.0	20.4	-0.95	- 3.2	3.3/20.0	35182
1999 TM ₁₄₈	2003 08 22.4	22 04.07	-16 19.3	18.1	-0.92	- 2.6	1.6/21.2	31868
1999 NP ₂₇	2003 08 22.4	22 04.09	-12 15.6	17.9	-0.86	- 3.6	0.2/22.3	33815
2000 WR ₁₂₇	2003 08 22.4	22 04.11	+02 20.3	16.8	-0.86	- 3.8	6.7/27.0	47991
1998 VE ₅₀	2003 08 22.4	22 04.13	+07 05.2	19.1	-0.70	- 4.8	6.1/28.6	47756
2002 EP ₈₈	2003 08 22.4	22 04.14	-18 01.1	20.9	-0.98	- 4.5	2.1/20.7	30042
1999 SJ ₂₆	2003 08 22.4	22 04.21	-30 29.1	17.6	-0.94	- 5.7	7.6/16.3	29106
1998 EC ₁₄	2003 08 22.4	22 04.21	-18 17.9	19.3	-1.00	- 4.1	2.3/20.7	31811
1998 DT ₁₃	2003 08 22.4	22 04.23	-14 59.5	19.4	-0.97	- 4.6	1.1/21.6	30260
2000 SU ₇	2003 08 22.4	22 04.30	-08 19.7	19.2	-1.06	- 3.1	1.5/23.4	33251
2000 XY ₂₃	2003 08 22.4	22 04.33	-11 45.6	16.8	-1.06	- 1.4	0.0/22.5	9890
2000 UM ₉₁	2003 08 22.4	22 04.34	-06 09.9	19.4	-0.96	- 4.9	2.1/24.1	47981
2002 HD ₄	2003 08 22.4	22 04.37	-39 41.7	17.2	-0.88	- 2.9	10.6/13.1	48231
1999 TD ₂₈₈	2003 08 22.4	22 04.37	-16 26.3	18.7	-0.83	- 4.7	1.5/21.1	31871
2002 CR ₁₉₅	2003 08 22.4	22 04.41	-14 18.5	18.3	-0.89	- 9.6	1.1/21.7	30679
1998 FT ₂₅	2003 08 22.5	22 04.36	-02 04.9	21.0	-0.83	- 9.0	3.3/25.8	47725
2000 ST ₁₆₆	2003 08 22.5	22 04.41	-06 08.8	17.8	-1.07	- 1.9	2.7/23.9	47955
2000 WB ₁₅₉	2003 08 22.5	22 04.47	-14 17.9	20.0	-0.91	- 4.9	0.9/21.8	31361
1999 VP ₂	2003 08 22.5	22 04.49	+39 13.7	17.7	-0.69	- 9.4	18.6/16.0	47818
2000 WQ ₄	2003 08 22.5	22 04.51	-08 11.5	18.4	-1.05	- 1.1	1.7/23.4	35536
2001 CN ₃₆	2003 08 22.5	22 04.62	-21 45.9	20.3	-0.83	- 2.3	2.5/19.8	13811
2002 JF ₂	2003 08 22.5	22 04.64	-13 05.8	17.5	-0.81	- 9.4	0.4/22.1	32013
2001 DS ₉₆	2003 08 22.5	22 04.68	-01 59.8	19.7	-0.72	- 6.8	3.0/25.8	48013
2000 SO ₂₁₆	2003 08 22.5	22 04.69	-15 12.8	17.4	-0.81	-10.5	1.7/21.4	27717
2000 SW ₂₃₆	2003 08 22.5	22 04.72	-23 38.3	19.5	-1.07	- 3.7	4.3/19.3	29392
1999 RH ₁₆₅	2003 08 22.5	22 04.76	-03 00.4	18.9	-0.77	- 7.5	3.9/25.5	47794
1999 JZ ₄₁	2003 08 22.5	22 04.78	-08 03.1	19.4	-0.95	- 6.5	1.5/23.7	47779
2002 AY ₆₂	2003 08 22.6	22 04.73	-01 32.1	18.5	-1.06	- 1.7	4.3/25.2	48187
2002 JC ₃₅	2003 08 22.6	22 04.75	-16 23.8	19.9	-0.87	- 5.6	1.4/21.2	31655
1999 XW ₁₅₆	2003 08 22.6	22 04.79	+02 53.6	18.3	-0.74	- 3.7	4.4/27.1	47833
1998 ST ₁₂₆	2003 08 22.6	22 04.84	-31 08.6	17.5	-0.89	- 1.9	7.2/17.1	31835
1999 TR ₂₁₂	2003 08 22.6	22 05.00	+09 30.4	19.1	-0.75	- 5.6	6.1/29.8	31870
2001 BZ ₁₂	2003 08 22.6	22 05.01	-02 48.6	18.4	-0.91	- 6.0	3.6/25.3	11031
2002 JR ₂₄	2003 08 22.6	22 05.03	-22 26.0	19.6	-0.86	- 5.0	3.6/19.4	48233
2001 BD ₃₂	2003 08 22.6	22 05.03	-14 56.1	18.4	-0.79	- 9.1	1.0/21.6	31936
2001 AC ₄₉	2003 08 22.6	22 05.12	-26 18.0	19.6	-0.94	- 4.4	6.5/18.3	48005
2001 CQ ₄₅	2003 08 22.6	22 05.13	-30 40.8	19.1	-0.88	- 6.9	6.0/16.2	27190
2000 GQ ₃	2003 08 22.6	22 05.16	-58 29.5	19.5	-2.09	+ 8.3	24.0/12.4	47875
2002 CL ₇₇	2003 08 22.7	22 05.08	-12 25.4	19.1	-0.93	- 5.6	0.3/22.5	30652
2000 SV ₁₃₉	2003 08 22.7	22 05.08	-10 55.9	18.3	-1.04	- 3.3	0.3/22.9	47952
2002 CC ₅₄	2003 08 22.7	22 05.09	-10 36.8	19.4	-1.08	- 3.4	0.5/23.0	33529
2000 UB ₈₁	2003 08 22.7	22 05.10	-27 29.4	17.1	-0.93	- 3.4	7.8/18.0	41675
2000 UK ₇₈	2003 08 22.7	22 05.11	-15 03.6	19.5	-0.96	- 5.4	1.3/21.8	31919
1999 RJ ₂₁₂	2003 08 22.7	22 05.12	+05 08.4	18.9	-0.84	- 4.9	6.0/27.8	13608
2001 FQ ₃₇	2003 08 22.7	22 05.13	-05 09.7	19.1	-0.70	- 6.5	1.9/24.9	35041
1999 VC ₇₄	2003 08 22.7	22 05.14	-06 02.2	20.4	-0.81	- 4.9	2.0/24.4	47821
1999 VC ₁₉₇	2003 08 22.7	22 05.19	-38 19.6	18.8	-0.99	- 2.9	11.8/13.6	18219
2002 JD ₃₆	2003 08 22.7	22 05.21	-30 18.0	19.0	-0.83	- 4.6	5.8/16.8	31657

2001 EG ₂₄	2003 08 22.7	22 05.22	-09 58.4	19.1	-0.79	- 4.1	0.6/23.3	48016
1999 XA ₁₀₃	2003 08 22.7	22 05.22	-13 28.4	19.0	-0.74	- 3.9	0.5/22.2	47831
1999 VB ₁₆₃	2003 08 22.7	22 05.23	-12 13.8	19.3	-0.89	- 4.1	0.2/22.6	13004
2000 RL ₁₀₄	2003 08 22.7	22 05.26	+20 30.6	19.1	-0.92	- 5.2	9.9/02.5	31913
2000 CT ₁₀₈	2003 08 22.7	22 05.29	+12 52.5	18.4	-0.83	- 0.8	8.1/29.6	31899
2002 GE ₈₈	2003 08 22.7	22 05.34	-09 00.7	18.0	-0.79	- 8.0	1.0/23.7	31560
2000 WJ ₁₄	2003 08 22.7	22 05.36	-22 20.7	18.8	-0.95	- 4.0	3.7/19.7	30423
1999 TB ₈	2003 08 22.7	22 05.37	-36 15.2	18.4	-1.15	- 2.2	9.5/15.2	12941
2000 BY ₅	2003 08 22.7	22 05.41	-33 58.8	18.8	-0.86	- 3.4	6.3/15.7	13652
2002 EY ₉₆	2003 08 22.7	22 05.43	-10 40.2	20.8	-0.92	- 6.1	0.4/23.1	30051
2001 CR ₄₇	2003 08 22.7	22 05.44	-17 54.9	20.0	-0.92	- 2.4	2.0/21.1	17549
2000 UP ₅₀	2003 08 22.7	22 05.45	-01 52.4	17.3	-0.91	- 6.1	4.0/25.8	30414
2000 YO ₈₀	2003 08 22.7	22 05.47	-07 04.0	17.8	-0.93	- 3.6	2.4/24.1	33343
1999 XL ₉₈	2003 08 22.7	22 05.51	-15 48.4	19.1	-0.79	- 4.4	1.3/21.6	27655
2001 EE ₁₆	2003 08 22.7	22 05.51	-01 17.2	19.1	-0.76	- 2.9	3.1/25.8	33382
1981 EK ₂₈	2003 08 22.7	22 05.52	-22 04.9	21.0	-1.06	- 0.9	3.5/20.3	26920
4810 P-L	2003 08 22.8	22 05.45	-23 33.3	19.2	-0.87	- 1.9	3.4/19.5	12342
2002 CO ₁₀₀	2003 08 22.8	22 05.53	-14 25.0	18.9	-1.03	- 2.2	1.1/22.1	48203
2000 JJ ₂₁	2003 08 22.8	22 05.54	-01 09.7	18.6	-0.62	- 3.1	2.5/26.1	47892
1998 GP ₉	2003 08 22.8	22 05.54	-38 17.7	17.7	-1.03	- 4.6	9.4/14.2	31814
2002 EM ₉₁	2003 08 22.8	22 05.54	-15 53.1	19.4	-0.98	- 5.6	1.5/21.6	48221
2002 GH	2003 08 22.8	22 05.54	-34 47.7	19.5	-1.14	- 0.8	8.0/16.9	31990
1997 YS ₇	2003 08 22.8	22 05.57	-15 11.4	19.8	-0.94	- 6.2	1.4/21.8	47721
1999 UJ ₄₄	2003 08 22.8	22 05.57	-04 00.2	18.5	-0.84	- 3.5	2.8/25.0	30330
2002 CW ₁₀₈	2003 08 22.8	22 05.59	-24 44.9	19.4	-1.06	- 1.1	4.4/19.6	30660
2000 SH ₂₇₈	2003 08 22.8	22 05.61	+01 03.0	17.7	-0.86	- 6.6	6.0/27.0	27093
1999 RW ₁₈₂	2003 08 22.8	22 05.61	-12 25.9	18.0	-0.86	- 3.5	0.3/22.6	31861
1999 TU ₁₅₉	2003 08 22.8	22 05.64	-05 06.7	19.8	-0.87	- 5.1	2.6/24.8	47808
1999 TG ₅₅	2003 08 22.8	22 05.64	-20 38.8	18.6	-0.92	- 3.0	3.2/20.4	31866
2001 AB ₃₅	2003 08 22.8	22 05.64	-26 18.3	17.3	-1.02	- 5.2	6.3/18.3	29665
1999 PO ₄	2003 08 22.8	22 05.76	-29 03.7	16.8	-1.47	+ 9.0	8.9/20.4	12148
1999 JY ₃₅	2003 08 22.8	22 05.80	-19 27.9	18.4	-0.96	- 6.1	3.4/20.6	33810
2000 AZ ₁₅₃	2003 08 22.8	22 05.81	-05 15.1	18.5	-0.79	- 2.3	1.9/24.7	13649
2000 WD ₇	2003 08 22.8	22 05.84	-32 36.6	18.9	-0.98	- 3.0	6.9/16.8	31922
2000 XU ₄₄	2003 08 22.8	22 05.86	+05 57.1	18.6	-1.15	+ 1.2	6.0/26.7	13799
1998 QW ₆₃	2003 08 22.8	22 05.87	-37 53.7	18.8	-1.24	+ 2.4	10.1/16.1	15031
1998 RQ ₇₅	2003 08 22.8	22 05.87	-03 44.2	18.7	-0.69	- 7.3	2.6/25.6	47742
2002 CP ₉₇	2003 08 22.9	22 05.85	-15 31.9	19.1	-0.95	- 5.1	1.5/21.8	30658
1999 XE ₈₉	2003 08 22.9	22 05.92	-25 06.9	17.3	-0.77	- 6.1	4.4/18.5	31883
2000 YQ ₁₂	2003 08 22.9	22 05.96	-08 20.9	18.1	-0.99	- 3.4	1.5/23.8	9467
2001 BH ₂₈	2003 08 22.9	22 06.01	-08 39.0	18.3	-0.86	- 3.9	1.1/23.8	31936
2002 JW ₄₂	2003 08 22.9	22 06.04	+07 40.6	16.3	-0.65	- 8.8	7.8/30.2	48234
2000 UL ₆₆	2003 08 22.9	22 06.05	-07 21.1	18.7	-0.93	- 4.9	1.4/24.2	31919
2002 JC ₄₄	2003 08 22.9	22 06.09	-00 23.8	19.6	-0.82	- 4.5	3.4/26.4	31666
2002 CC ₁₀₂	2003 08 22.9	22 06.11	-13 35.1	19.2	-0.95	- 4.4	0.7/22.4	48203
2002 DJ ₁₀	2003 08 22.9	22 06.20	-08 13.6	21.3	-0.93	- 5.5	1.2/24.0	29924
1999 VR ₉₃	2003 08 22.9	22 06.23	-30 55.5	20.0	-0.98	- 2.6	5.9/17.4	12193
2002 GP ₁₀₂	2003 08 23.0	22 06.19	-10 55.6	18.3	-0.78	- 7.7	0.2/23.2	33985
1999 XV ₁₃₂	2003 08 23.0	22 06.19	-08 46.2	17.6	-0.85	- 1.6	0.9/23.8	47832
1999 VU ₁₇₆	2003 08 23.0	22 06.21	-21 54.5	19.8	-0.90	- 3.5	3.6/20.1	29185
2000 WB ₁₆₅	2003 08 23.0	22 06.23	-27 14.6	19.8	-0.84	- 5.4	3.7/18.0	14417

2000 UD ₁₀₉	2003 08 23.0	22 06.25	-11 55.7	19.8	-0.89	- 8.1	0.1/22.9	47983
1999 VN ₁₁₀	2003 08 23.0	22 06.26	-24 16.1	19.8	-0.83	- 3.6	4.1/19.3	47823
2001 EQ ₂₆	2003 08 23.0	22 06.27	-22 43.3	16.2	-1.24	+ 6.4	4.5/21.2	19924
1999 XU ₁₁₈	2003 08 23.0	22 06.27	+02 09.2	17.4	-0.82	- 3.0	5.5/27.1	30341
1981 ET ₃₂	2003 08 23.0	22 06.31	+01 50.7	18.8	-0.83	- 2.0	4.8/26.8	27574
1998 SK ₉₈	2003 08 23.0	22 06.31	-02 23.8	18.6	-0.70	- 6.8	2.9/26.1	35457
2000 YZ ₁₁₁	2003 08 23.0	22 06.33	-18 09.3	17.4	-0.95	- 4.6	3.0/21.1	29651
2001 FK ₁₃₁	2003 08 23.0	22 06.36	-04 37.3	19.6	-0.76	- 2.2	1.8/25.0	13843
1998 QH ₄₉	2003 08 23.0	22 06.36	-10 51.5	17.5	-0.70	-10.0	0.3/23.3	47735
2000 SM ₁₅₇	2003 08 23.0	22 06.37	-06 04.6	19.2	-0.98	- 7.0	1.9/24.7	7171
2001 DQ ₃₅	2003 08 23.0	22 06.41	-04 16.1	19.3	-0.87	- 0.6	2.1/25.0	12297
1999 TA ₃₃	2003 08 23.0	22 06.41	-04 21.2	18.8	-0.82	- 5.5	2.6/25.3	31865
2002 CH ₅₉	2003 08 23.0	22 06.41	-15 43.8	18.6	-1.01	- 1.3	1.7/22.0	30648
2000 YD ₅₂	2003 08 23.0	22 06.45	-10 45.7	17.6	-0.85	- 4.4	0.4/23.3	31374
1999 RS ₃₄	2003 08 23.0	22 06.45	-30 59.0	19.1	-0.96	- 2.3	6.1/17.5	31858
2002 EQ ₆₅	2003 08 23.0	22 06.51	-02 54.2	19.5	-0.80	- 8.3	3.4/26.0	30005
2000 SG ₁₂₇	2003 08 23.0	22 06.51	-09 01.2	18.5	-0.92	- 8.9	1.0/23.9	31334
1999 VN ₁₇₈	2003 08 23.0	22 06.52	-01 38.4	19.0	-0.74	- 8.6	3.7/26.5	47825
2002 CX ₂₁₉	2003 08 23.0	22 06.55	-12 54.9	19.2	-0.95	- 4.8	0.5/22.7	29871
1999 JD ₃₈	2003 08 23.0	22 06.55	-27 20.6	16.3	-1.05	+ 0.4	7.8/19.4	35469
2000 AB ₆₂	2003 08 23.0	22 06.60	-14 35.5	19.0	-0.81	- 5.0	0.9/22.2	31889
2002 GO ₇₁	2003 08 23.0	22 06.63	-15 07.7	19.8	-0.88	- 6.6	1.3/22.0	48228
2000 WX ₁₁₄	2003 08 23.0	22 06.64	-13 54.6	19.6	-0.95	- 4.0	0.8/22.5	34976
2001 DL ₁₀₅	2003 08 23.1	22 06.57	-07 18.5	20.7	-0.84	- 4.9	1.3/24.4	11922
1999 XB ₉₂	2003 08 23.1	22 06.61	-24 49.2	17.2	-0.76	- 6.7	4.5/18.6	33846
1997 EA ₁₀	2003 08 23.1	22 06.64	-13 20.7	19.7	-1.07	0.0	0.6/22.7	11483
2001 FH ₁₀₉	2003 08 23.1	22 06.65	-18 25.8	19.4	-0.76	- 3.3	1.9/21.1	13840
2001 DH ₉₈	2003 08 23.1	22 06.72	-18 22.4	20.1	-0.88	- 1.9	2.2/21.3	48014
2000 YF ₅₅	2003 08 23.1	22 06.77	-19 08.5	19.1	-0.84	- 6.1	2.6/20.8	30440
2002 ES ₁₁₈	2003 08 23.1	22 06.83	-18 46.2	20.6	-1.01	- 4.4	2.6/21.2	48223
2000 UH ₆₂	2003 08 23.1	22 06.83	-13 01.6	18.3	-1.04	- 3.2	0.6/22.8	30415
1999 VH ₁₂	2003 08 23.1	22 06.86	-39 52.6	16.8	-0.79	- 2.6	14.1/12.2	30331
1995 SY ₆₈	2003 08 23.1	22 06.87	-16 26.1	19.2	-0.95	- 3.3	1.8/21.8	30248
2000 XP ₂₇	2003 08 23.1	22 06.90	-38 33.4	19.2	-1.08	- 3.4	9.6/14.6	31928
1263 T-1	2003 08 23.1	22 06.90	-22 27.9	17.7	-1.14	- 1.8	4.3/20.4	41950
2000 SX ₂₉₈	2003 08 23.1	22 06.97	-10 36.3	20.0	-1.09	- 2.5	0.4/23.4	47966
2000 AT ₅₂	2003 08 23.2	22 07.00	+18 11.0	17.9	-0.86	+ 2.2	14.0/31.2	2712
2002 JP ₁₁₉	2003 08 23.2	22 07.02	-35 04.1	17.7	-0.92	- 5.2	8.4/15.4	31743
2000 WP ₈₅	2003 08 23.2	22 07.03	-23 49.5	19.2	-1.04	- 5.3	5.3/19.5	18302
2001 FF ₁₉₄	2003 08 23.2	22 07.07	-35 08.9	18.9	-0.82	- 4.5	6.6/15.4	48027
2001 FE ₁₃₀	2003 08 23.2	22 07.08	-17 22.7	19.5	-0.82	- 2.1	1.7/21.6	13344
2002 EU ₂₁	2003 08 23.2	22 07.09	-21 01.8	18.4	-0.91	- 5.5	3.9/20.4	30704
2001 DK ₇	2003 08 23.2	22 07.09	-20 59.6	19.1	-0.77	- 3.8	2.6/20.4	13812
2002 CT ₁₃₀	2003 08 23.2	22 07.13	-10 49.1	20.0	-1.03	- 5.2	0.3/23.5	29835
1999 RW ₁₁₃	2003 08 23.2	22 07.14	+08 10.0	17.8	-0.77	- 7.1	8.0/30.2	30309
2000 SU ₃₇	2003 08 23.2	22 07.20	-20 48.7	17.0	-0.84	- 5.9	5.0/20.4	13208
2002 LT	2003 08 23.2	22 07.22	-13 49.6	18.1	-0.79	-12.8	0.7/22.4	31767
2000 YY ₁₉	2003 08 23.2	22 07.27	-08 20.8	17.3	-1.04	- 1.8	1.5/24.1	47998
2002 AL ₁₆₅	2003 08 23.2	22 07.27	-14 33.8	19.2	-0.92	- 9.4	1.2/22.3	30625
2002 CP ₁₀₉	2003 08 23.2	22 07.27	-16 55.3	20.1	-1.07	- 4.2	2.3/21.8	33961
2000 UO ₇₉	2003 08 23.2	22 07.28	-02 23.1	18.7	-0.93	- 4.6	4.2/25.9	47980

1999 KB ₁	2003 08 23.2	22 07.28	-16 45.8	19.5	-0.96	- 6.0	2.3/21.7	27624
1999 TY ₁₀₂	2003 08 23.2	22 07.29	-04 16.2	19.0	-0.77	-10.4	2.7/25.8	11580
1999 UR ₅₆	2003 08 23.2	22 07.30	+02 12.1	19.9	-0.83	- 4.0	4.5/27.4	19462
2000 SC ₂₇₅	2003 08 23.2	22 07.34	-20 32.2	17.1	-0.93	- 5.5	4.3/20.6	33884
2000 WU ₂₂	2003 08 23.2	22 07.38	-19 47.3	18.5	-0.94	- 7.7	3.2/20.7	31922
2000 KZ ₂	2003 08 23.3	22 07.33	-55 58.7	20.0	-1.52	- 4.0	19.7/07.0	22171
2000 AV ₅₂	2003 08 23.3	22 07.37	+10 27.5	19.4	-0.88	- 2.5	7.9/29.5	2712
1998 QU ₄₂	2003 08 23.3	22 07.38	-13 31.6	17.6	-0.86	- 1.9	0.6/22.8	47735
2000 UE ₂₆	2003 08 23.3	22 07.39	-19 39.1	18.0	-0.92	- 7.3	3.2/20.8	47976
2000 ST ₈₅	2003 08 23.3	22 07.41	-24 49.2	19.1	-1.06	- 4.5	5.4/19.5	30390
2000 XS ₃	2003 08 23.3	22 07.43	-23 41.0	18.4	-1.02	- 1.8	3.9/20.2	30434
2000 SV ₁₂₂	2003 08 23.3	22 07.46	-25 32.9	18.8	-1.10	- 4.0	6.6/19.3	13757
2002 CR ₄₃	2003 08 23.3	22 07.49	-15 15.4	17.1	-1.16	+ 1.5	1.8/22.6	30644
2000 WV ₂₂	2003 08 23.3	22 07.50	-01 16.8	19.3	-0.87	- 7.8	4.5/26.6	29535
2000 UR ₁₀₆	2003 08 23.3	22 07.52	-28 26.0	19.1	-1.03	- 5.9	6.1/18.1	31920
2000 YL ₂₈	2003 08 23.3	22 07.57	-14 05.9	18.3	-0.79	- 8.8	0.8/22.5	33889
1999 VQ ₂₅	2003 08 23.3	22 07.58	-03 44.4	17.4	-0.82	- 4.3	2.9/25.7	30331
2001 BL ₃₃	2003 08 23.3	22 07.63	-08 50.6	18.7	-0.83	- 2.0	0.8/24.1	12276
1999 RY ₁₉₉	2003 08 23.3	22 07.71	+06 42.5	18.1	-0.94	- 1.5	6.3/28.4	47796
2002 CP ₂₃₆	2003 08 23.3	22 07.75	-20 48.7	19.6	-0.99	- 5.4	3.2/20.7	30688
1996 RB ₁₈	2003 08 23.4	22 07.67	-14 15.5	20.1	-0.99	- 4.4	1.1/22.6	33008
2002 EN ₁₁₁	2003 08 23.4	22 07.68	-31 59.0	18.8	-1.06	- 1.2	7.1/18.1	31475
2000 YR ₉₆	2003 08 23.4	22 07.71	-17 44.2	19.7	-0.84	- 6.2	2.0/21.5	48001
2000 WN ₅₈	2003 08 23.4	22 07.71	-22 45.1	18.7	-0.94	- 6.5	4.3/19.9	31355
1998 HT ₁₇	2003 08 23.4	22 07.72	-10 46.1	19.4	-0.94	- 3.6	0.3/23.6	30268
1998 RL ₅₃	2003 08 23.4	22 07.72	-16 18.1	18.5	-0.86	- 1.9	1.5/22.1	12136
2002 JB ₁₂₈	2003 08 23.4	22 07.75	-05 10.9	18.7	-0.77	- 6.5	2.2/25.5	48237
1993 FB ₅₂	2003 08 23.4	22 07.75	-09 23.5	19.2	-0.83	- 7.1	0.7/24.1	31803
2000 XK ₃₄	2003 08 23.4	22 07.77	-10 47.6	18.8	-0.86	- 1.3	0.2/23.6	47997
1999 BT ₁₃	2003 08 23.4	22 07.77	-13 29.2	18.1	-0.96	- 8.1	0.9/22.8	47764
1998 QL ₇₅	2003 08 23.4	22 07.82	+01 33.1	18.3	-0.81	- 2.1	4.7/27.1	31822
2002 GC ₈₃	2003 08 23.4	22 07.87	-12 46.0	19.0	-0.82	- 7.0	0.4/23.0	31554
1998 GQ ₂	2003 08 23.4	22 07.88	-34 49.4	19.1	-1.08	- 2.5	8.2/17.0	28989
2000 ST ₂₅₆	2003 08 23.4	22 07.89	-14 44.3	19.3	-1.09	- 3.2	1.3/22.6	47963
2002 EM ₁₂₆	2003 08 23.4	22 07.92	-03 43.1	19.4	-1.00	- 4.7	3.3/25.7	30073
1997 YO ₅	2003 08 23.4	22 07.93	-17 24.9	18.7	-0.96	- 7.6	2.3/21.6	47720
1999 VA ₂₂₄	2003 08 23.4	22 07.93	-11 40.5	19.1	-0.79	- 6.5	0.1/23.4	17092
1999 RG ₁₆₁	2003 08 23.4	22 07.98	-05 37.2	17.4	-0.83	- 5.8	2.5/25.3	30311
1992 EZ ₁₀	2003 08 23.4	22 07.99	-10 07.5	19.8	-0.58	- 3.7	0.3/23.9	47684
1997 XD ₁₀	2003 08 23.4	22 08.01	-06 57.8	17.3	-1.04	- 2.3	1.9/24.6	30258
1999 VB ₁₈₄	2003 08 23.4	22 08.02	-08 20.5	18.8	-0.81	- 5.6	1.2/24.5	47825
2000 YN ₁₀₉	2003 08 23.4	22 08.04	-09 54.1	20.1	-0.82	- 7.1	0.5/24.0	31932
2002 CN ₇	2003 08 23.4	22 08.05	-15 02.2	17.4	-1.83	+ 9.4	1.8/23.1	33960
2000 UA ₈	2003 08 23.4	22 08.07	-11 56.5	19.1	-0.97	- 5.4	0.2/23.4	31918
1999 RD ₁₅₃	2003 08 23.4	22 08.09	-09 14.0	18.2	-1.02	- 0.9	0.8/24.0	35479
2002 CR ₅₂	2003 08 23.5	22 08.03	-25 11.0	18.4	-1.02	- 3.4	5.6/19.7	31967
2000 UQ ₉	2003 08 23.5	22 08.04	-23 11.6	18.2	-0.91	- 4.8	5.8/19.9	47975
2000 YH ₅₁	2003 08 23.5	22 08.07	-02 51.4	18.3	-0.97	- 2.8	3.5/25.8	11015
1998 HX ₁₀₅	2003 08 23.5	22 08.07	-18 03.7	18.5	-0.85	- 6.9	2.5/21.4	47731
1999 VO ₂₁₆	2003 08 23.5	22 08.08	+04 41.4	18.6	-0.81	- 4.1	6.3/28.6	47826
1981 DS ₂	2003 08 23.5	22 08.09	+01 17.3	17.6	-0.95	- 1.0	5.1/26.8	47679

1998 QE ₃₁	2003 08 23.5	22 08.10	-12 32.9	17.6	-0.90	- 1.0	0.4/23.2	30273
2002 LW ₂₄	2003 08 23.5	22 08.13	+04 38.9	18.4	-0.68	- 6.4	5.2/29.1	31781
1998 EV ₉	2003 08 23.5	22 08.22	-09 59.8	19.5	-0.92	- 6.4	0.5/24.0	30262
2002 AW ₁₂₅	2003 08 23.5	22 08.22	-08 00.2	19.3	-1.03	- 2.5	1.2/24.4	48191
1999 XK ₂₅	2003 08 23.5	22 08.26	-37 18.4	18.4	-0.98	- 4.3	9.5/14.7	40407
1999 JO ₁₂₀	2003 08 23.5	22 08.37	-26 56.9	17.7	-1.02	- 4.1	6.7/19.1	30299
2000 YY ₁₅	2003 08 23.5	22 08.38	-17 47.0	19.1	-0.94	- 3.6	2.3/21.8	47998
2002 FY ₂₅	2003 08 23.5	22 08.40	-34 29.6	18.7	-0.89	- 6.2	9.3/15.7	31488
1995 TS ₃	2003 08 23.5	22 08.43	-10 10.7	18.8	-0.82	- 4.4	0.6/24.0	11473
2002 CQ ₂₇₂	2003 08 23.5	22 08.47	-27 23.4	18.5	-1.08	- 0.5	5.9/19.7	30693
1999 TC ₁₂₁	2003 08 23.5	22 08.50	-29 18.7	19.3	-1.07	+ 0.2	7.4/19.1	33102
2001 DM ₅₁	2003 08 23.6	22 08.40	-25 29.8	20.2	-0.79	- 3.9	3.8/19.3	31940
1997 YF ₂₀	2003 08 23.6	22 08.44	-07 50.3	19.4	-1.01	- 2.9	1.4/24.6	30258
2000 WL ₇₅	2003 08 23.6	22 08.46	-11 34.6	19.4	-1.02	- 3.2	0.0/23.6	8265
1246 T-1	2003 08 23.6	22 08.47	+01 41.0	21.0	-0.78	- 7.2	4.3/28.0	38147
2000 WG ₁₇₃	2003 08 23.6	22 08.50	-15 56.3	18.3	-0.93	- 6.6	1.9/22.2	12257
2002 JP ₁₄₃	2003 08 23.6	22 08.53	-33 24.7	18.5	-0.89	- 8.0	8.2/15.8	33586
1998 FW ₄₇	2003 08 23.6	22 08.60	-05 12.8	19.0	-0.97	- 5.6	2.3/25.4	35445
2000 JL ₃	2003 08 23.6	22 08.66	+21 33.0	17.6	-0.70	-20.7	15.2/09.1	1639
2001 XW ₄₇	2003 08 23.6	22 08.66	-54 16.7	18.4	-1.47	- 7.2	17.7/07.0	30567
2001 BH ₁₂	2003 08 23.6	22 08.69	-05 23.6	20.6	-0.82	- 4.1	1.9/25.5	34998
2000 VK ₁₅	2003 08 23.6	22 08.71	-02 48.7	19.3	-0.90	- 6.0	2.9/26.3	31920
2002 EY ₃₄	2003 08 23.6	22 08.71	-23 13.5	18.8	-1.06	- 3.6	4.6/20.4	30707
2002 AE ₂₀	2003 08 23.6	22 08.77	-24 43.9	19.8	-0.97	-11.6	4.4/19.1	30605
2000 SP ₁₂₈	2003 08 23.6	22 08.77	-30 32.6	18.2	-0.96	- 3.2	9.7/18.0	47951
2000 YL ₁₁₇	2003 08 23.6	22 08.77	-12 03.5	19.5	-0.89	- 4.0	0.2/23.5	13802
1998 DP ₁₃	2003 08 23.6	22 08.82	-28 19.8	17.1	-1.79	+14.1	8.2/22.9	36526
2000 XT ₅₃	2003 08 23.6	22 08.82	-10 25.9	20.3	-0.95	- 5.5	0.4/24.0	34983
2002 GY ₄₂	2003 08 23.7	22 08.78	-15 42.1	19.8	-0.99	- 3.7	1.7/22.5	48227
1999 TD ₁₁₃	2003 08 23.7	22 08.84	-06 56.0	17.3	-0.83	- 1.1	2.3/24.9	2663
2000 SK ₁₂₅	2003 08 23.7	22 08.84	-11 46.9	18.5	-0.92	- 8.9	0.1/23.6	47951
1999 RS ₈₆	2003 08 23.7	22 08.84	-21 41.8	17.0	-0.88	+ 0.8	5.4/21.1	31859
2002 JL ₇₄	2003 08 23.7	22 08.85	-03 29.2	19.5	-0.89	- 3.7	2.6/26.0	31708
2002 GG ₂₆	2003 08 23.7	22 08.85	-03 38.2	18.7	-1.00	- 3.6	3.0/25.8	31505
1998 TJ ₂₆	2003 08 23.7	22 08.94	-21 18.1	19.4	-0.81	- 3.0	3.2/20.8	47752
2002 CB ₁₇₁	2003 08 23.7	22 08.95	-21 11.5	18.0	-0.91	- 5.1	3.9/20.8	30675
2002 CT ₉₇	2003 08 23.7	22 08.96	-16 20.2	18.7	-0.95	- 3.9	2.1/22.4	29810
2002 CW ₄₂	2003 08 23.7	22 08.99	-18 31.8	19.3	-1.05	- 6.0	2.9/21.7	41763
2000 YG ₁₃₂	2003 08 23.7	22 09.07	-14 12.1	18.8	-0.92	- 3.7	1.0/23.0	30444
2001 DM ₂₂	2003 08 23.7	22 09.10	-43 13.0	18.7	-1.02	- 0.6	8.8/14.1	37543
1992 EW ₈	2003 08 23.7	22 09.13	-18 44.7	20.1	-0.92	- 2.7	2.2/21.8	47684
2001 FR ₆₂	2003 08 23.7	22 09.18	-17 25.7	19.0	-0.76	- 4.5	1.8/21.9	41679
1998 SE ₂₀	2003 08 23.7	22 09.19	-05 10.9	19.0	-0.72	- 6.9	2.1/25.9	47743
2000 SW ₁₀₇	2003 08 23.8	22 09.13	-03 21.0	19.6	-0.95	- 7.0	3.1/26.2	33256
1999 RY ₉₈	2003 08 23.8	22 09.13	-48 42.0	18.7	-1.53	+ 4.6	14.3/14.6	29076
2002 ES ₉₄	2003 08 23.8	22 09.13	-12 16.1	19.0	-0.83	- 7.9	0.4/23.5	48221
1999 TW ₂₄₄	2003 08 23.8	22 09.15	+00 52.6	19.9	-0.82	- 7.0	3.8/27.7	12963
1997 GE ₁₁	2003 08 23.8	22 09.28	-06 48.5	19.9	-0.85	- 5.2	1.5/25.2	47711
2002 JZ	2003 08 23.8	22 09.30	-14 44.5	19.2	-0.70	- 7.5	1.0/22.7	33996
1999 XT ₁₄₄	2003 08 23.8	22 09.31	-30 06.7	19.2	-0.77	- 6.8	5.3/17.3	33848
1999 TV ₂₅₃	2003 08 23.8	22 09.34	-04 54.0	19.6	-0.85	- 6.1	2.7/25.8	15646

2000 SV ₂₉₈	2003 08 23.8	22 09.43	-02 27.3	19.5	-1.02	- 4.0	3.6/26.3	34966
2002 KW ₉	2003 08 23.8	22 09.43	-21 50.5	20.1	-0.88	- 4.0	3.6/20.8	48238
2000 YC ₁₂₁	2003 08 23.8	22 09.47	-29 57.6	19.8	-0.91	- 5.6	5.9/17.9	31933
2002 CQ ₂₄₆	2003 08 23.8	22 09.51	+04 52.4	18.5	-0.87	-13.7	5.6/30.0	31971
2000 YQ ₂₄	2003 08 23.8	22 09.51	-02 25.7	19.6	-0.87	- 2.9	2.9/26.4	31370
2000 WW ₁₉₅	2003 08 23.8	22 09.53	-10 38.9	18.7	-0.89	- 8.5	0.3/24.1	37531
2000 WS ₄₄	2003 08 23.8	22 09.55	-05 36.2	20.0	-0.91	- 5.8	2.6/25.6	9872
1998 SU ₆₁	2003 08 23.9	22 09.50	-14 37.6	18.5	-0.89	- 0.8	1.1/23.1	47746
1999 TC ₁₀₁	2003 08 23.9	22 09.56	-36 54.0	17.7	-0.95	- 4.1	10.6/15.1	31867
1998 DW ₁₇	2003 08 23.9	22 09.57	-18 56.6	18.4	-0.93	- 4.5	3.7/21.7	47723
2000 SC ₁₆₀	2003 08 23.9	22 09.62	-16 42.0	18.9	-1.46	+ 4.1	2.2/23.0	47954
1999 XX ₄₉	2003 08 23.9	22 09.62	-11 37.8	20.0	-0.74	- 3.9	0.1/23.8	47829
2001 DZ ₃₉	2003 08 23.9	22 09.63	-06 45.6	19.4	-0.83	- 6.2	1.6/25.4	33898
2001 DW ₆₇	2003 08 23.9	22 09.65	-08 25.5	19.4	-0.78	- 9.1	1.0/24.9	48012
1998 HL ₁₄₇	2003 08 23.9	22 09.69	-27 43.2	17.4	-0.82	- 9.8	6.2/18.0	31816
1999 TQ ₁₅₂	2003 08 23.9	22 09.75	-05 59.3	18.7	-0.73	- 7.7	2.4/25.8	47808
2000 WD ₁₆₂	2003 08 24.0	22 09.88	-33 00.0	17.6	-0.93	- 8.0	7.7/16.5	31927
1999 WP ₉	2003 08 24.0	22 09.89	-26 20.2	19.0	-0.88	- 6.6	5.4/19.0	17094
2000 RY ₉₅	2003 08 24.0	22 09.91	-16 57.7	19.1	-1.00	- 5.3	2.8/22.4	10976
2002 CG ₅₃	2003 08 24.0	22 09.91	-10 35.5	19.0	-0.91	- 8.0	0.3/24.2	30646
2001 FG ₁₅₆	2003 08 24.0	22 09.93	-11 51.7	20.0	-0.72	- 3.9	0.1/23.9	48026
2000 SQ ₂₆₉	2003 08 24.0	22 09.98	-13 03.2	18.0	-0.94	- 7.8	0.8/23.5	13775
1999 RB ₁₉₄	2003 08 24.0	22 10.00	-06 23.1	18.4	-0.92	- 4.0	1.9/25.4	33824
2000 AN ₁₇₅	2003 08 24.0	22 10.02	-15 41.0	17.7	-0.75	- 7.6	1.4/22.6	31893
1999 TU ₉₁	2003 08 24.0	22 10.02	-16 57.0	17.8	-0.86	- 7.4	2.1/22.2	33828
2000 XW ₆	2003 08 24.0	22 10.06	-16 11.7	17.3	-1.06	- 1.9	2.3/22.8	47995
2000 SB ₃₂	2003 08 24.0	22 10.07	-14 30.3	18.4	-1.00	- 2.8	1.7/23.2	47942
2000 WD ₁₅₆	2003 08 24.0	22 10.10	-23 43.2	18.9	-1.08	- 2.6	5.4/20.7	31360
1997 GN ₁	2003 08 24.0	22 10.18	-15 19.5	20.0	-0.89	- 3.2	1.3/22.9	10840
1996 EX ₉	2003 08 24.0	22 10.23	-12 44.5	20.5	-0.79	- 5.1	0.4/23.6	47702
2000 AC ₂₉	2003 08 24.0	22 10.27	-06 36.8	17.7	-0.81	- 1.9	1.5/25.4	13096
1999 XZ ₁	2003 08 24.0	22 10.29	+00 46.5	17.0	-0.75	- 6.9	4.6/28.1	47827
2001 AV ₂₇	2003 08 24.1	22 10.26	-26 19.1	19.5	-0.92	- 3.5	5.0/19.7	31934
2002 EZ ₈₆	2003 08 24.1	22 10.31	-14 17.3	20.3	-0.89	- 4.6	1.0/23.2	31980
1997 GW ₉	2003 08 24.1	22 10.34	-09 18.7	20.1	-0.82	- 5.0	0.7/24.7	47711
2001 DC ₉₈	2003 08 24.1	22 10.37	-12 36.1	18.1	-0.85	- 6.6	0.4/23.7	12305
2000 TV ₂₆	2003 08 24.1	22 10.38	-21 34.1	19.2	-0.97	- 4.9	3.5/21.1	30408
1999 VN ₁₉₅	2003 08 24.1	22 10.40	-21 28.6	17.8	-0.88	- 3.9	3.8/21.1	30336
1998 QC ₂₄	2003 08 24.1	22 10.43	-02 08.0	17.3	-0.88	- 1.1	3.2/26.6	47734
2001 FT ₃₃	2003 08 24.1	22 10.48	-01 38.4	18.8	-0.82	-10.7	3.3/27.0	13828
2001 DV ₄₄	2003 08 24.1	22 10.51	-11 24.7	19.8	-0.83	- 5.5	0.0/24.1	13257
2002 EB ₅₅	2003 08 24.1	22 10.52	-25 25.9	18.4	-0.98	- 1.6	4.7/20.4	31978
1998 HF ₆₂	2003 08 24.1	22 10.59	-34 10.6	18.7	-1.08	- 0.6	9.0/18.2	31229
1999 TC ₂₈	2003 08 24.1	22 10.64	-25 48.5	18.8	-0.97	- 1.7	6.0/20.2	33095
2000 WF ₁₇₃	2003 08 24.2	22 10.62	-22 38.2	19.1	-0.84	- 5.3	3.5/20.6	33887
2000 WV ₇₁	2003 08 24.2	22 10.64	-05 58.5	18.9	-0.99	- 3.0	2.1/25.6	31924
2000 SY ₃₀₈	2003 08 24.2	22 10.72	-05 54.5	19.0	-1.06	- 2.2	2.3/25.6	47967
2002 JU ₈₇	2003 08 24.2	22 10.72	-32 26.2	20.2	-0.88	- 2.8	6.1/17.9	32028
1999 VP ₃₃	2003 08 24.2	22 10.74	+07 58.4	19.2	-0.75	- 4.1	5.7/30.4	47819
1998 QD ₇₄	2003 08 24.2	22 10.80	+01 34.3	18.4	-0.78	- 3.5	4.1/28.1	31822
1999 NQ ₁₉	2003 08 24.2	22 10.81	-15 09.7	17.4	-0.82	- 8.4	1.7/22.9	30302

1999 XW ₁₀₇	2003 08 24.2	22 10.83	-10 52.1	19.3	-0.88	- 4.1	0.1/24.4	13058
1998 VG ₂₈	2003 08 24.2	22 10.85	+11 00.8	17.5	-0.75	- 2.8	7.7/31.1	47755
1999 UE ₄₅	2003 08 24.2	22 10.89	-00 48.2	17.6	-0.98	+ 0.6	4.5/26.8	30330
2000 WR ₁₈₀	2003 08 24.2	22 10.96	-43 41.2	19.0	-1.13	- 4.4	9.7/13.6	47994
1999 RT ₈₁	2003 08 24.2	22 10.97	-13 33.3	17.6	-1.06	- 0.4	1.0/23.7	40361
2000 WD ₉₇	2003 08 24.2	22 10.97	-15 51.6	18.7	-0.93	- 5.7	1.6/22.9	31925
2002 GB ₄₂	2003 08 24.2	22 10.99	+04 50.8	17.5	-0.68	- 8.8	6.5/30.3	31514
2002 CE ₁₈₅	2003 08 24.2	22 11.04	-12 55.5	19.5	-1.02	- 4.0	0.6/23.8	30677
2001 DK ₂₃	2003 08 24.2	22 11.04	+03 23.0	20.0	-0.92	+ 0.3	4.1/28.0	12295
2001 EY ₁₉	2003 08 24.3	22 10.99	-17 11.8	18.5	-0.89	- 1.7	2.0/22.7	27766
2002 FT ₃₄	2003 08 24.3	22 11.03	-02 55.9	19.3	-0.87	- 6.8	2.9/27.0	31989
1999 XZ ₁₀₃	2003 08 24.3	22 11.05	+09 06.3	17.7	-0.88	- 1.2	8.1/29.8	40415
2000 YN ₁₂₇	2003 08 24.3	22 11.06	-01 34.7	20.0	-0.93	- 2.0	3.0/26.9	12267
1999 VR ₁₆₁	2003 08 24.3	22 11.11	-06 21.1	19.8	-0.83	- 3.9	1.7/25.8	47824
2001 DR ₆₅	2003 08 24.3	22 11.13	-08 21.1	19.6	-0.90	- 3.8	1.0/25.1	17561
1998 SW ₆₄	2003 08 24.3	22 11.15	-06 50.1	18.8	-0.68	- 7.7	1.5/25.9	31243
1999 TL ₁₉₄	2003 08 24.3	22 11.19	-01 42.4	19.0	-0.89	- 2.5	3.5/26.9	17053
2001 CQ ₂₇	2003 08 24.3	22 11.21	-28 13.7	17.5	-0.80	- 5.7	5.5/18.7	33895
2002 EQ ₁₅₂	2003 08 24.3	22 11.26	+04 31.8	18.9	-0.79	- 7.1	5.3/29.8	31986
1999 RZ ₁₃₃	2003 08 24.3	22 11.26	-01 35.3	17.5	-0.85	- 3.6	4.4/27.2	29082
2002 JG ₁₀₁	2003 08 24.3	22 11.27	-15 22.7	19.0	-0.68	-10.4	1.2/22.8	48236
2000 AU ₂₄₂	2003 08 24.3	22 11.32	-01 22.1	21.7	-0.47	- 3.0	1.5/27.7	13136
1999 WA ₁₃	2003 08 24.3	22 11.34	-12 52.4	18.2	-0.92	- 1.3	0.5/23.9	12203
2002 EH ₈₆	2003 08 24.3	22 11.35	-10 54.2	17.7	-0.79	- 5.7	0.1/24.5	31980
2000 DW ₂₂	2003 08 24.4	22 11.35	-12 36.5	17.6	-0.86	- 2.2	0.5/24.0	39446
2002 CK ₂₃₀	2003 08 24.4	22 11.35	-10 43.6	21.2	-0.86	- 6.6	0.2/24.6	30687
2000 XJ ₁₅	2003 08 24.4	22 11.37	-23 10.7	19.5	-0.98	- 6.5	4.7/20.6	47996
2000 YD ₁₃₇	2003 08 24.4	22 11.38	+08 26.2	18.4	-0.95	- 4.1	7.9/30.0	12267
2000 YG ₆₃	2003 08 24.4	22 11.39	-24 28.5	19.7	-0.84	- 8.0	4.2/19.9	34987
1999 WN ₁	2003 08 24.4	22 11.42	-26 11.6	18.9	-0.82	- 4.4	4.5/19.7	33841
2000 CM ₂	2003 08 24.4	22 11.47	-27 11.2	18.7	-1.05	+ 0.2	4.7/20.3	31896
1998 SN ₄₁	2003 08 24.4	22 11.50	-22 51.7	19.9	-0.92	- 1.1	3.7/21.3	47744
2000 WJ ₉₆	2003 08 24.4	22 11.52	-06 07.6	18.1	-0.93	- 3.9	2.4/25.9	30428
1999 TD ₁₂₆	2003 08 24.4	22 11.55	-15 22.0	19.7	-0.93	- 4.0	1.7/23.2	33830
1998 HV ₁₂₄	2003 08 24.4	22 11.58	-37 43.0	19.3	-1.00	- 4.3	9.4/16.0	47731
2000 UG ₈	2003 08 24.4	22 11.60	-01 34.8	17.1	-0.93	- 6.1	3.8/27.4	31918
1981 EG ₃₃	2003 08 24.4	22 11.60	-02 00.3	20.1	-0.91	- 7.0	3.3/27.3	31212
2002 CL ₁	2003 08 24.4	22 11.61	-30 40.7	18.5	-0.94	- 5.6	6.3/18.4	30635
2000 WY ₁₆₃	2003 08 24.4	22 11.62	-09 32.0	20.7	-0.87	- 4.8	0.5/24.9	34980
2001 AZ ₂₀	2003 08 24.4	22 11.63	-11 25.7	17.1	-0.84	- 8.6	0.1/24.4	30445
1999 TE ₂₂₅	2003 08 24.4	22 11.64	-16 01.5	19.4	-0.94	- 2.7	1.6/23.1	12177
2000 RU ₄₃	2003 08 24.4	22 11.64	-09 29.3	17.8	-1.09	- 1.9	0.7/24.9	30380
1998 RC ₇₅	2003 08 24.4	22 11.69	-23 31.2	18.7	-0.91	- 1.4	4.0/21.1	31828
2000 US ₄₆	2003 08 24.4	22 11.71	-28 27.1	17.3	-0.97	- 1.6	9.0/19.6	29462
1989 SC ₂	2003 08 24.4	22 11.72	-35 09.6	17.3	-1.19	+ 0.7	11.7/17.9	30241
2002 JV ₁₂₄	2003 08 24.4	22 11.73	-10 18.4	20.9	-0.79	- 6.0	0.2/24.8	35197
2002 ED ₁₂₉	2003 08 24.4	22 11.74	-08 49.5	18.9	-0.92	- 3.0	1.0/25.1	48223
2001 FS ₃₇	2003 08 24.4	22 11.75	-02 31.9	19.7	-0.72	- 5.7	2.5/27.3	48019
1999 SV ₁₂	2003 08 24.4	22 11.76	-34 26.8	17.9	-0.99	- 8.5	8.1/15.8	31864
2001 AA ₂₂	2003 08 24.5	22 11.70	-26 49.1	18.4	-0.89	- 5.4	5.4/19.5	31934
2001 AQ ₅	2003 08 24.5	22 11.71	+02 30.0	19.2	-0.87	- 2.8	4.3/28.4	48003

1999 JU ₁₀₇	2003 08 24.5	22 11.74	-24 40.0	18.5	-1.03	- 5.0	5.7/20.6	33812
2000 SS ₁₆₂	2003 08 24.5	22 11.74	-10 15.0	18.8	-1.03	- 3.5	0.3/24.8	47954
1999 XR ₇₅	2003 08 24.5	22 11.75	-14 18.1	18.6	-0.80	- 5.2	1.0/23.5	47831
2001 FN ₂₈	2003 08 24.5	22 11.76	-13 19.8	18.2	-0.72	- 5.7	0.6/23.8	31407
2000 UJ ₆₉	2003 08 24.5	22 11.79	-20 47.7	19.1	-1.08	- 3.0	3.8/21.9	30415
1999 RE ₂₈	2003 08 24.5	22 11.80	-14 47.4	17.5	-0.98	- 0.9	1.8/23.6	40357
1999 VX ₁₉₈	2003 08 24.5	22 11.81	-25 00.2	19.3	-0.86	- 5.9	4.8/20.0	34816
2001 BY ₅₃	2003 08 24.5	22 11.86	-14 50.9	17.6	-0.71	-13.2	1.4/23.1	31392
1999 XH ₉₅	2003 08 24.5	22 11.87	-02 52.1	18.4	-0.85	- 1.8	2.8/26.8	12212
1999 VF ₁₆₃	2003 08 24.5	22 11.93	-23 35.9	18.8	-0.93	- 2.8	5.5/20.9	47824
1999 TC ₁₉	2003 08 24.5	22 11.93	+08 08.9	18.3	-0.68	- 7.9	8.2/31.7	47800
1995 SD ₂₀	2003 08 24.5	22 11.98	-09 17.3	20.3	-0.84	- 5.6	0.7/25.1	47697
1998 SD ₁₀₀	2003 08 24.5	22 11.98	-31 18.5	18.4	-0.99	+ 0.4	5.8/19.4	13580
2000 YD ₉	2003 08 24.5	22 12.01	-03 17.5	20.8	-0.86	- 4.6	2.6/26.9	29626
2000 AY ₁₉₇	2003 08 24.5	22 12.02	-00 18.9	19.1	-0.66	- 4.5	2.8/28.1	47845
2002 CK ₁₄₂	2003 08 24.5	22 12.12	-04 00.7	19.2	-0.92	- 6.1	2.4/26.8	31969
2002 JO ₈₀	2003 08 24.5	22 12.13	-16 22.5	19.7	-0.98	- 4.7	1.9/23.1	31716
4230 P-L	2003 08 24.5	22 12.13	+07 12.4	18.4	-0.65	-10.6	7.9/01.0	27866
1998 DE ₂	2003 08 24.5	22 12.15	-05 41.2	21.1	-0.89	- 6.5	1.8/26.3	31811
2000 YD ₁₁₉	2003 08 24.6	22 12.10	-32 58.3	18.2	-0.98	- 7.2	7.3/16.9	34991
2000 RB ₇₉	2003 08 24.6	22 12.12	-12 39.1	17.1	-0.66	- 9.0	0.9/24.1	47937
1999 XA ₂₁₅	2003 08 24.6	22 12.13	-22 25.0	19.5	-0.76	- 7.7	3.6/20.7	47835
1999 VA ₁₁	2003 08 24.6	22 12.15	-01 55.6	17.6	-0.85	- 3.8	3.9/27.0	40389
4040 T-3	2003 08 24.6	22 12.17	-19 35.2	16.9	-0.87	- 4.5	4.1/22.0	30774
2000 UK ₅₁	2003 08 24.6	22 12.17	-05 53.4	19.7	-0.95	- 6.1	2.1/26.2	33287
1996 AG ₁₀	2003 08 24.6	22 12.17	-06 40.4	19.1	-0.83	- 4.2	1.6/25.9	1903
2000 XJ ₃₅	2003 08 24.6	22 12.18	-09 48.3	18.8	-1.01	- 0.6	0.5/24.9	23615
1999 VS ₇₅	2003 08 24.6	22 12.23	-05 47.1	19.3	-0.79	- 5.3	2.0/26.3	31298
2000 UB ₁₀₂	2003 08 24.6	22 12.24	-06 42.0	18.3	-0.97	- 4.0	1.7/25.9	31920
1999 XR ₈₆	2003 08 24.6	22 12.32	-28 13.0	18.4	-0.75	- 7.3	5.3/18.6	33846
1999 RD ₂₀	2003 08 24.6	22 12.36	-13 52.3	17.4	-1.07	+ 0.1	1.2/24.0	12149
2000 AN ₅₁	2003 08 24.6	22 12.37	+06 12.4	17.0	-0.83	- 2.4	7.6/29.7	47840
2001 DG ₄₀	2003 08 24.6	22 12.39	-05 40.6	20.3	-0.74	- 4.4	1.5/26.4	48011
1999 TF ₂₅	2003 08 24.6	22 12.41	-05 30.4	18.9	-0.82	- 5.0	2.2/26.4	33095
1981 EP ₄₄	2003 08 24.6	22 12.43	-05 57.0	19.4	-0.89	- 8.2	2.1/26.3	47680
1999 SM ₂	2003 08 24.6	22 12.47	-08 59.4	20.1	-0.88	- 5.4	0.9/25.3	47799
1994 RF	2003 08 24.7	22 12.49	-04 36.3	19.1	-0.81	- 5.1	2.1/26.7	40306
1999 RK ₂₄	2003 08 24.7	22 12.51	-22 42.3	18.8	-1.07	+ 1.4	5.2/22.0	35474
1998 SE ₁₅₅	2003 08 24.7	22 12.51	-12 18.2	18.9	-0.80	- 4.4	0.4/24.3	31837
1999 XL ₁₆₉	2003 08 24.7	22 12.54	-16 12.8	19.7	-0.77	- 3.4	1.4/23.2	47834
2000 SN ₁₁₇	2003 08 24.7	22 12.57	-08 39.9	20.0	-0.93	- 7.7	0.9/25.5	47950
1999 TA ₁₅₃	2003 08 24.7	22 12.58	+03 15.4	19.1	-0.77	- 7.7	4.8/29.6	11589
1981 EH ₂₉	2003 08 24.7	22 12.63	-07 35.0	20.1	-1.02	- 4.1	1.4/25.7	28924
1998 RH ₇₂	2003 08 24.7	22 12.63	-12 23.2	18.6	-0.75	- 5.3	0.5/24.3	47742
2001 CM ₁₀	2003 08 24.7	22 12.75	-18 00.8	18.7	-0.75	- 5.6	2.1/22.5	31938
1998 FV ₅₅	2003 08 24.7	22 12.79	-16 46.7	19.0	-0.99	- 5.9	2.2/23.1	30264
1999 RH ₁₈₆	2003 08 24.7	22 12.83	-13 41.3	17.7	-0.79	-11.9	1.1/23.8	35480
2002 AU ₆₂	2003 08 24.7	22 12.87	-09 06.2	18.1	-0.94	- 6.3	0.8/25.4	30611
2000 XM ₃₅	2003 08 24.8	22 12.83	-30 37.0	18.9	-1.02	- 3.1	7.2/18.9	47997
2002 GA ₇₅	2003 08 24.8	22 12.85	-18 16.0	18.5	-0.80	- 5.0	2.7/22.6	33549
1997 HH ₃	2003 08 24.8	22 12.87	-53 39.1	18.7	-1.72	+ 0.9	18.4/11.4	30255

2002 CZ ₄₂	2003 08 24.8	22 12.90	-17 29.9	19.4	-1.08	- 4.2	2.5/23.1	30644
1993 RU ₅	2003 08 24.8	22 12.95	-10 26.2	18.7	-1.01	- 4.8	0.3/25.0	7433
2001 BZ ₅₇	2003 08 24.8	22 12.96	-08 29.9	20.0	-0.86	- 3.9	0.9/25.6	48007
2002 JR ₄₀	2003 08 24.8	22 12.97	-08 26.6	19.9	-0.93	- 5.0	0.9/25.6	48233
1996 HT ₆	2003 08 24.8	22 13.04	-04 58.8	19.1	-0.70	- 7.1	1.9/26.9	47702
1999 VV ₆₁	2003 08 24.8	22 13.06	-04 21.0	19.2	-0.78	- 4.8	2.1/26.9	38221
1999 RM ₉₈	2003 08 24.8	22 13.06	-08 46.4	18.8	-0.85	- 6.0	0.8/25.6	47791
1998 FF ₅₉	2003 08 24.8	22 13.09	-14 46.2	20.3	-0.93	- 5.5	1.3/23.7	31812
2002 JC ₃₆	2003 08 24.8	22 13.10	-08 27.0	18.9	-0.84	- 6.0	0.8/25.7	37751
2000 XV ₅	2003 08 24.8	22 13.19	-14 33.3	18.7	-1.06	- 2.3	1.4/24.0	30435
1998 SW ₃₁	2003 08 24.8	22 13.25	-09 50.3	19.7	-0.76	- 4.4	0.4/25.3	16850
2001 DK ₂₅	2003 08 24.8	22 13.26	-16 08.5	18.5	-0.92	- 0.2	1.6/23.6	31940
2002 JV ₁₁₀	2003 08 24.9	22 13.25	+04 09.3	18.7	-0.78	- 2.6	5.3/29.4	31737
2001 BY ₁₄	2003 08 24.9	22 13.26	-13 28.8	20.3	-0.87	- 6.6	0.8/24.1	13805
1999 XZ ₁₀₇	2003 08 24.9	22 13.26	-09 32.8	18.8	-0.82	- 5.5	0.5/25.4	10937
2000 AH ₈₁	2003 08 24.9	22 13.32	-21 36.4	18.1	-0.77	- 7.0	3.3/21.3	31890
2001 FJ ₁₀₃	2003 08 24.9	22 13.36	-10 39.7	20.2	-0.74	- 4.2	0.1/25.0	13333
1981 EN ₂₃	2003 08 24.9	22 13.42	-11 41.4	19.6	-1.01	- 4.7	0.3/24.8	30240
2002 EV ₇₄	2003 08 24.9	22 13.46	-08 34.4	19.9	-0.92	- 5.1	0.8/25.7	48220
1998 EF ₂₀	2003 08 24.9	22 13.50	-10 22.5	19.0	-0.89	- 7.7	0.2/25.2	31224
2001 DB ₇₁	2003 08 24.9	22 13.51	-07 50.7	20.7	-0.79	- 5.9	1.0/26.0	48012
1999 TD ₁₆₈	2003 08 24.9	22 13.55	+09 53.2	19.4	-0.70	- 7.6	8.9/01.6	30324
1999 QT ₁	2003 08 24.9	22 13.57	-05 12.5	18.3	-0.98	- 1.2	2.0/26.4	12148
2000 SU ₂₇₆	2003 08 24.9	22 13.61	-19 33.4	19.7	-1.01	- 5.5	3.3/22.5	31916
2002 CL ₃₈	2003 08 24.9	22 13.62	-15 43.2	19.0	-0.88	- 7.4	1.9/23.5	30643
2002 AG ₁₀	2003 08 25.0	22 13.54	-16 52.2	19.2	-0.98	- 4.8	2.2/23.3	48184
2001 FN ₁₂₁	2003 08 25.0	22 13.55	-30 41.1	19.9	-0.87	- 2.5	5.3/19.1	13842
2002 JL ₂₆	2003 08 25.0	22 13.57	-16 31.8	19.5	-0.88	- 6.0	1.9/23.3	30193
1995 WR ₉	2003 08 25.0	22 13.57	-21 00.3	19.0	-0.93	- 3.2	3.8/22.2	31806
2000 UW ₇₉	2003 08 25.0	22 13.58	-25 35.6	18.4	-1.04	- 4.4	5.9/20.7	29478
2002 DQ ₁₀	2003 08 25.0	22 13.58	-10 03.3	19.4	-0.93	- 5.5	0.4/25.3	48214
2000 DC ₄₅	2003 08 25.0	22 13.59	-07 58.1	19.6	-0.60	- 3.6	0.7/26.0	13168
1999 WR ₄	2003 08 25.0	22 13.59	-29 29.4	18.4	-0.87	- 3.7	6.0/19.2	35490
1981 EG ₁₃	2003 08 25.0	22 13.66	-06 52.8	18.1	-1.03	- 2.9	1.6/26.1	30239
2002 KX ₁₂	2003 08 25.0	22 13.67	-12 47.1	18.6	-0.93	- 6.2	0.6/24.5	35579
2002 GS ₆₃	2003 08 25.0	22 13.73	-03 57.6	19.3	-0.73	- 6.0	2.5/27.4	48228
2002 JO ₁₀₀	2003 08 25.0	22 13.76	-11 05.9	18.0	-0.79	- 9.1	0.0/25.0	34003
2000 YX ₁₀₄	2003 08 25.0	22 13.78	-18 42.8	19.0	-0.85	- 8.3	2.4/22.4	48001
1998 FK ₅₉	2003 08 25.0	22 13.90	-03 41.6	19.0	-0.84	- 9.0	2.4/27.5	47726
2002 GH ₁₇	2003 08 25.0	22 13.92	-20 56.2	19.6	-0.81	- 3.9	3.4/22.1	48227
1998 SJ ₈₂	2003 08 25.0	22 13.92	-01 12.8	19.9	-0.72	- 5.4	3.0/28.2	47747
2000 YE ₁₄₀	2003 08 25.0	22 13.92	-35 00.2	19.9	-1.18	- 1.9	7.7/18.1	12267
2001 DP ₄₀	2003 08 25.1	22 13.93	-12 35.2	19.0	-0.81	- 8.8	0.6/24.6	31940
2002 AO ₃	2003 08 25.1	22 14.05	+08 21.2	19.9	-1.14	- 0.7	6.6/30.1	30603
2001 DO ₃	2003 08 25.1	22 14.13	-24 19.2	18.5	-0.97	- 6.1	5.4/20.9	33896
2001 BY ₇₀	2003 08 25.1	22 14.14	-08 56.7	19.8	-0.87	- 5.6	0.7/25.8	12281
2001 XX ₆	2003 08 25.1	22 14.16	-51 25.8	19.8	-1.36	-15.4	15.6/07.0	26064
1993 RE ₇	2003 08 25.1	22 14.20	-19 41.0	16.5	-1.00	+ 2.8	4.9/23.3	27579
1995 YL ₅	2003 08 25.1	22 14.23	-13 08.0	19.4	-0.86	- 5.7	0.9/24.5	16733
2002 GU ₈₆	2003 08 25.1	22 14.25	-19 52.6	19.6	-0.80	- 9.3	3.0/22.1	48229
2001 BL ₇₄	2003 08 25.1	22 14.28	-09 18.5	18.7	-0.99	- 2.5	0.6/25.6	33894

2002 AM ₁₂₅	2003 08 25.1	22 14.28	-16 27.6	18.4	-0.95	- 5.1	2.0/23.6	30618
2000 SA ₁₅₂	2003 08 25.1	22 14.28	-22 18.6	18.2	-1.10	- 3.6	5.0/22.0	31915
1999 VX ₁₈₆	2003 08 25.1	22 14.32	-29 59.7	18.6	-0.89	- 4.0	6.4/19.2	31879
2000 YY ₆₀	2003 08 25.2	22 14.29	-09 51.1	17.0	-0.85	- 6.9	0.5/25.5	30440
1998 FA ₃₈	2003 08 25.2	22 14.35	-11 12.6	19.4	-0.93	- 5.1	0.1/25.1	30263
1999 TJ ₁₉₂	2003 08 25.2	22 14.37	-04 33.6	18.2	-0.89	- 2.4	2.3/27.0	320
2001 BV ₂₁	2003 08 25.2	22 14.40	+01 44.9	20.4	-0.94	- 3.9	4.4/28.8	18310
2000 WT ₁₄₃	2003 08 25.2	22 14.42	-10 13.4	16.8	-0.97	- 1.9	0.3/25.4	30431
2000 WJ ₁₄₃	2003 08 25.2	22 14.46	-09 30.8	19.4	-0.88	- 9.6	0.6/25.7	47992
1998 TC ₂	2003 08 25.2	22 14.47	-13 03.9	18.9	-0.76	- 3.2	0.6/24.6	40342
2002 CT ₁₅	2003 08 25.2	22 14.51	-17 35.0	19.8	-0.90	- 6.1	2.4/23.2	48198
2002 EX ₈₉	2003 08 25.2	22 14.52	-05 25.7	19.6	-0.97	- 4.2	2.1/27.0	30044
1999 TS ₂₂₁	2003 08 25.2	22 14.55	-20 39.8	17.6	-0.77	- 8.3	3.7/21.9	33832
2002 JO ₂₆	2003 08 25.2	22 14.56	-14 23.7	18.7	-0.85	- 6.6	1.2/24.2	33997
1999 XY ₂₂₄	2003 08 25.2	22 14.57	+03 03.9	20.5	-0.78	- 2.3	3.8/29.3	6264
2000 ST ₃₀₉	2003 08 25.2	22 14.58	-10 33.1	19.7	-0.98	- 6.7	0.1/25.4	47967
1996 FO ₂₁	2003 08 25.2	22 14.60	-08 40.6	21.0	-0.72	- 4.9	0.6/26.0	47702
2000 UD ₉₅	2003 08 25.2	22 14.67	-01 25.7	17.6	-0.97	- 2.7	4.6/27.8	30417
1999 NE ₁₉	2003 08 25.2	22 14.72	-07 30.3	16.7	-0.87	- 3.5	1.6/26.3	30301
2000 CJ ₁₀₈	2003 08 25.3	22 14.66	+13 23.4	17.4	-0.73	- 3.6	6.8/02.1	33864
2000 YY ₇₃	2003 08 25.3	22 14.69	-25 47.5	21.0	-0.85	- 5.9	4.2/20.5	31377
2001 BK ₄₆	2003 08 25.3	22 14.76	+01 22.5	18.6	-0.79	- 5.3	3.7/29.2	33893
2001 AD ₁₀	2003 08 25.3	22 14.76	-13 20.2	19.4	-0.88	- 5.1	0.9/24.6	30444
2000 YW ₃	2003 08 25.3	22 14.82	+02 07.3	19.6	-0.90	- 3.7	4.9/29.2	31367
1998 KT ₁₅	2003 08 25.3	22 14.82	+10 11.5	19.4	-0.81	- 6.9	7.2/01.8	31817
2002 JB ₄₆	2003 08 25.3	22 14.84	+10 44.2	19.0	-0.73	- 5.6	6.8/02.1	32021
1999 TM ₁₃₃	2003 08 25.3	22 14.89	-08 34.9	19.3	-0.84	- 4.6	0.7/26.0	2125
2002 CH ₂₂₁	2003 08 25.3	22 14.90	-19 12.2	19.7	-1.03	- 1.2	3.0/23.3	29873
1999 XT ₂₀₄	2003 08 25.3	22 14.92	-09 46.8	17.8	-0.94	+ 0.5	0.4/25.6	31313
1994 WW ₁₂	2003 08 25.3	22 14.97	+03 12.2	19.9	-0.83	- 1.9	4.5/29.3	16722
2000 UM ₁₀₀	2003 08 25.3	22 14.98	-02 07.3	17.5	-0.97	- 3.3	3.7/27.8	30417
2001 BC ₄₁	2003 08 25.3	22 15.04	-09 08.0	19.5	-0.82	- 6.7	0.6/25.9	10707
2002 JJ ₁₁₀	2003 08 25.3	22 15.07	+06 49.6	21.4	-0.84	- 4.1	5.3/30.9	33574
2002 HV ₁₄	2003 08 25.3	22 15.09	-23 59.6	18.8	-0.97	- 2.3	5.4/21.8	31611
2002 GK ₂₁	2003 08 25.4	22 15.05	-12 34.1	18.3	-0.76	- 4.0	0.6/24.9	48227
2000 UM ₉₆	2003 08 25.4	22 15.08	-00 50.7	19.3	-0.96	- 4.3	3.9/28.3	47982
2002 EG ₃₆	2003 08 25.4	22 15.10	-12 17.9	22.3	-0.96	- 6.6	0.5/25.0	33969
1999 RS ₁₅₃	2003 08 25.4	22 15.12	-02 12.1	19.2	-0.87	- 4.6	2.8/28.0	47794
1999 UO ₉	2003 08 25.4	22 15.14	-34 50.2	18.3	-1.46	+ 3.5	8.4/20.2	12968
2002 EA ₁₅₅	2003 08 25.4	22 15.14	-16 37.6	19.0	-0.84	- 7.6	2.1/23.5	35178
2002 LQ ₄₈	2003 08 25.4	22 15.21	-17 17.0	18.9	-0.74	- 7.7	2.1/23.2	31786
2000 CC ₁₈	2003 08 25.4	22 15.24	-01 51.2	18.6	-0.83	- 2.6	3.1/28.0	27659
1999 TC ₂₁₄	2003 08 25.4	22 15.29	-08 14.1	20.1	-0.82	- 5.7	0.8/26.3	47810
2000 WF ₇	2003 08 25.4	22 15.31	-14 31.5	20.2	-0.91	- 7.0	1.3/24.3	33304
2002 GF ₉	2003 08 25.4	22 15.35	+03 59.7	17.9	-0.64	- 9.4	5.4/31.1	41765
2000 RQ ₆₅	2003 08 25.4	22 15.36	-19 41.4	16.2	-0.99	+ 0.5	4.9/23.4	47936
2000 UG ₁₀₀	2003 08 25.5	22 15.45	-06 19.7	18.0	-1.01	- 3.8	1.8/26.7	31920
2000 YJ ₁₁₅	2003 08 25.5	22 15.48	-20 37.9	18.7	-0.87	- 7.0	3.4/22.3	31932
2001 AW ₃₃	2003 08 25.5	22 15.55	-26 41.0	19.0	-0.87	- 5.8	4.9/20.4	31387
2002 GO ₇₈	2003 08 25.5	22 15.56	-09 39.4	19.0	-0.93	- 3.7	0.4/25.9	31549
1999 RS ₇	2003 08 25.5	22 15.64	-25 52.3	19.3	-1.10	+ 0.4	5.9/22.1	31857

2003 AUG. 6

M.P.C. 49361

2002 AB ₅	2003 08 25.5	22 15.65	-28 50.0	19.9	-0.87	- 2.5	4.7/20.4	33957
1999 RH ₉₃	2003 08 25.5	22 15.76	-18 21.2	18.0	-0.87	- 2.3	3.6/23.4	30307
1999 RJ ₂₅	2003 08 25.5	22 15.78	-15 01.1	18.1	-0.97	0.0	2.0/24.6	33817
1998 HA ₁₂₅	2003 08 25.6	22 15.83	-13 41.1	17.5	-0.76	-11.4	1.1/24.6	31816
1999 JU ₆₁	2003 08 25.6	22 15.87	+09 30.1	16.8	-0.64	- 6.6	10.8/02.9	46364
2001 DR ₅₃	2003 08 25.6	22 15.87	-02 25.6	18.5	-0.72	- 5.8	2.4/28.4	11890
2000 WT ₁₅₃	2003 08 25.6	22 15.89	-25 47.5	18.9	-0.89	- 4.5	4.7/21.0	34979
2000 SD ₈₈	2003 08 25.6	22 15.91	-27 37.1	18.3	-1.01	- 4.9	5.7/20.5	31914
2000 PB ₂₅	2003 08 25.6	22 15.93	-14 45.0	17.6	-1.09	- 2.0	1.9/24.6	47909
1999 TQ ₉₉	2003 08 25.6	22 15.94	-02 30.0	18.6	-0.73	-11.2	3.1/28.7	47805
2602 P-L	2003 08 25.6	22 15.94	-15 18.2	19.6	-0.79	- 4.4	1.4/24.2	48386
1999 RZ ₂₅	2003 08 25.6	22 15.94	-16 24.2	19.1	-0.94	- 4.1	2.2/24.0	33817
2000 WV ₁₃₇	2003 08 25.6	22 15.96	-13 22.8	17.9	-0.99	- 4.5	1.1/24.9	30430
1999 XX ₁₉₂	2003 08 25.6	22 16.01	-09 04.6	18.6	-0.83	- 2.0	0.5/26.1	31886
1998 WR ₈	2003 08 25.6	22 16.08	-50 41.6	18.9	-1.81	+ 3.1	18.7/14.2	33789
2002 CS ₂₂₂	2003 08 25.6	22 16.11	-06 48.6	20.0	-0.95	- 6.6	1.7/27.0	48210
1999 XA ₂₄₅	2003 08 25.6	22 16.11	+12 55.0	19.6	-0.86	- 2.0	9.1/01.6	18222
1999 TY ₃₈	2003 08 25.6	22 16.12	+05 43.7	19.0	-0.84	- 4.3	5.9/30.9	17047
1996 VO ₅	2003 08 25.6	22 16.16	-08 00.5	18.7	-0.92	- 6.5	1.1/26.5	30252
2000 SX ₃₀₄	2003 08 25.6	22 16.17	-00 26.1	17.4	-0.98	- 5.1	4.6/28.8	27724
2000 YG ₅₆	2003 08 25.6	22 16.18	-23 51.7	19.9	-0.85	- 7.4	4.3/21.3	34987
2002 AF ₁₂₉	2003 08 25.6	22 16.20	+11 07.3	17.9	-1.59	+10.0	11.9/28.2	30619
1999 HQ ₁	2003 08 25.7	22 16.13	-27 28.1	17.4	-1.10	- 0.3	8.0/21.5	33808
2002 HD ₆	2003 08 25.7	22 16.13	-12 35.5	19.9	-0.90	- 6.0	0.6/25.1	32011
2001 FJ ₃₄	2003 08 25.7	22 16.14	-16 41.1	19.3	-0.98	- 1.5	1.9/24.1	13828
1999 JO ₁₂₁	2003 08 25.7	22 16.14	-00 19.5	18.9	-0.95	- 6.1	4.0/28.9	38215
1996 AJ ₇	2003 08 25.7	22 16.14	-15 48.4	19.6	-0.82	- 4.7	1.7/24.2	30250
1999 RW ₃₃	2003 08 25.7	22 16.17	-03 26.4	18.4	-0.79	- 8.4	2.5/28.2	31857
2002 GD ₁₆₆	2003 08 25.7	22 16.17	-11 48.3	19.8	-0.80	- 8.6	0.3/25.4	33994
1999 TH ₁₇₈	2003 08 25.7	22 16.26	-03 04.1	19.2	-0.83	- 3.8	2.4/28.0	31869
2002 JO ₅₅	2003 08 25.7	22 16.27	-43 43.2	19.5	-1.00	- 1.7	8.6/15.5	32022
2000 BH ₁₃	2003 08 25.7	22 16.28	-11 19.5	19.3	-0.74	- 4.7	0.2/25.6	47847
1999 TW ₂₈₆	2003 08 25.7	22 16.31	+17 44.2	20.1	-0.77	- 6.9	9.2/05.3	47814
2000 YU ₉₉	2003 08 25.7	22 16.32	-16 29.3	19.0	-0.91	- 7.4	2.4/23.9	48001
2000 SN ₆₀	2003 08 25.7	22 16.33	-14 51.5	19.4	-1.07	- 4.0	1.7/24.6	30388
2001 CC ₃	2003 08 25.7	22 16.35	-17 06.3	18.6	-0.76	- 4.4	1.8/23.8	33894
2000 SE ₂₆₉	2003 08 25.8	22 16.50	-23 10.7	18.8	-1.06	- 5.1	4.9/22.1	30402
2000 VF ₁₅	2003 08 25.8	22 16.53	-20 16.0	18.6	-1.00	- 5.6	4.3/22.9	30419
2000 UX ₉₄	2003 08 25.8	22 16.56	+03 37.0	16.9	-0.93	- 2.8	7.1/30.0	27132
2002 EV ₃	2003 08 25.8	22 16.56	-11 47.4	20.1	-0.94	- 3.7	0.4/25.5	48215
2001 EM ₆	2003 08 25.8	22 16.58	-11 11.8	18.9	-0.69	- 7.9	0.1/25.7	13819
2002 GQ ₆₈	2003 08 25.8	22 16.60	-17 16.5	19.2	-0.74	- 7.3	2.0/23.6	31537
2002 JD ₇₀	2003 08 25.8	22 16.61	-30 14.5	19.2	-0.86	- 5.2	6.2/19.5	32025
2002 CP ₄₃	2003 08 25.8	22 16.69	-08 41.1	19.2	-1.07	- 3.2	0.8/26.4	30644
1999 JQ ₈₈	2003 08 25.8	22 16.71	-16 02.1	19.0	-0.96	- 6.7	2.1/24.2	27622
2000 YN ₄₄	2003 08 25.8	22 16.72	+08 16.1	18.4	-0.94	- 1.5	6.9/31.2	47999
2002 LL ₄₉	2003 08 25.8	22 16.84	+12 28.2	18.9	-0.66	- 7.0	7.8/03.6	35207
2001 EM ₂₁	2003 08 25.8	22 16.84	-06 44.4	19.7	-0.74	- 3.5	1.1/27.1	11954
1998 UJ ₂₆	2003 08 25.8	22 16.84	-13 26.4	18.6	-0.74	- 6.1	0.9/25.0	47753
2002 AO ₁₃₁	2003 08 25.8	22 16.87	-41 39.5	19.2	-1.15	-15.5	13.0/12.5	30620
1998 QR ₈₇	2003 08 25.8	22 16.87	+13 48.9	18.0	-0.72	- 4.0	9.5/03.3	47736

1999 TX ₂₈₈	2003 08 25.8	22 16.87	-08 11.4	18.3	-0.88	- 3.3	0.9/26.6	31871
1992 SW ₁₈	2003 08 25.8	22 16.89	-02 07.5	18.7	-0.77	- 9.1	3.8/28.9	47685
2000 WB ₁₈₈	2003 08 25.8	22 16.90	+02 05.1	18.7	-0.97	- 3.1	6.1/29.5	47995
2002 EW ₅₄	2003 08 25.9	22 16.87	-16 50.9	19.6	-0.99	- 2.5	2.3/24.3	30711
2001 BL ₁₇	2003 08 25.9	22 16.90	-03 47.0	18.7	-0.82	- 8.5	2.7/28.2	31935
2000 WF ₁₁₃	2003 08 25.9	22 16.97	-18 17.3	18.9	-0.90	- 4.2	2.4/23.7	31925
2002 CU ₂₀₇	2003 08 25.9	22 17.01	-13 48.5	19.5	-0.97	- 4.9	1.3/25.0	48209
2002 CN ₁₀₄	2003 08 25.9	22 17.01	-11 40.8	17.0	-0.86	-11.5	0.4/25.6	30659
2002 KD	2003 08 25.9	22 17.05	-31 06.8	19.0	-0.84	- 6.6	6.7/18.9	48238
1998 HZ ₁₀₇	2003 08 25.9	22 17.06	-33 39.4	18.6	-1.00	- 2.7	9.0/19.1	33022
2000 AB ₁₉₇	2003 08 25.9	22 17.07	+06 55.8	18.0	-0.78	- 2.9	5.9/31.3	47845
1999 TS ₂₃₁	2003 08 25.9	22 17.07	-07 57.2	18.8	-0.75	-10.8	1.0/27.0	47811
2002 GN ₁₁₂	2003 08 25.9	22 17.12	-20 45.1	19.1	-0.99	- 7.0	3.9/22.8	31583
2001 DP ₈₉	2003 08 25.9	22 17.13	-06 03.7	18.9	-0.76	- 8.1	1.4/27.5	48013
1998 KM ₆₇	2003 08 25.9	22 17.13	-21 08.5	19.5	-0.85	- 6.6	3.9/22.6	37077
1999 TE ₁₄₃	2003 08 25.9	22 17.14	-31 02.0	18.6	-1.15	+ 0.2	8.3/20.6	1494
2001 BB	2003 08 25.9	22 17.18	-19 34.5	18.8	-0.84	- 5.1	2.8/23.2	12272
2002 EW ₁₃₃	2003 08 25.9	22 17.23	-06 56.5	20.2	-0.99	- 5.8	1.4/27.1	30076
2000 QG ₉₅	2003 08 25.9	22 17.23	-06 37.4	18.7	-1.03	- 5.0	1.9/27.0	30368
1999 NS ₆	2003 08 25.9	22 17.26	-05 05.9	17.8	-0.94	- 3.8	2.4/27.6	33814
2002 FM ₄	2003 08 25.9	22 17.28	-00 46.8	19.9	-0.78	- 7.4	3.0/29.3	30094
1999 VW ₁₁₅	2003 08 26.0	22 17.23	-10 04.5	19.8	-0.79	- 5.4	0.2/26.2	25766
2002 AL	2003 08 26.0	22 17.26	+13 50.7	19.1	-1.35	+ 2.1	11.5/31.6	30602
2002 GZ ₈₀	2003 08 26.0	22 17.27	-16 07.0	19.0	-0.85	- 5.9	2.1/24.3	33549
1999 TP ₉₉	2003 08 26.0	22 17.28	-32 38.0	18.3	-0.98	- 3.4	8.8/18.9	29122
2002 CA ₁₄	2003 08 26.0	22 17.29	-09 53.5	19.0	-0.96	- 4.7	0.3/26.2	48198
2000 AB ₈₃	2003 08 26.0	22 17.30	-08 35.0	19.6	-0.70	- 5.1	0.6/26.7	47841
2002 CZ ₂₅₈	2003 08 26.0	22 17.31	+02 56.9	19.4	-0.88	- 7.2	4.6/30.5	30691
2002 EE ₁₅₃	2003 08 26.0	22 17.36	+01 48.2	19.9	-0.95	- 5.2	5.0/29.8	48224
1999 TF ₂₂₅	2003 08 26.0	22 17.46	-06 19.0	20.5	-0.85	- 6.1	1.5/27.4	47811
1999 XK ₁₉₅	2003 08 26.0	22 17.54	-24 10.6	18.8	-0.85	- 2.7	4.0/22.1	47835
1999 JV ₂₆	2003 08 26.0	22 17.57	-12 38.6	20.2	-1.02	- 5.6	0.8/25.5	47778
1999 TT ₂₇₈	2003 08 26.0	22 17.57	+12 19.9	19.1	-0.76	- 5.5	9.9/02.7	2673
2002 FS ₄	2003 08 26.0	22 17.58	+21 19.7	20.7	-1.10	0.0	9.6/04.9	27865
2000 YK ₁₂₀	2003 08 26.0	22 17.59	-16 19.7	18.7	-1.01	- 3.4	2.2/24.5	12266
1999 RG ₁₂₄	2003 08 26.1	22 17.58	-02 32.6	17.0	-0.97	- 0.5	3.4/28.1	30309
1999 XN ₇₈	2003 08 26.1	22 17.71	-09 15.5	19.3	-0.80	- 4.5	0.4/26.5	47831
2000 SK ₁₇₆	2003 08 26.1	22 17.71	-11 37.8	18.3	-0.93	- 7.9	0.4/25.8	47956
1998 HD ₄₈	2003 08 26.1	22 17.75	-14 15.6	18.7	-0.83	- 6.8	1.5/25.0	47730
2000 WG ₁₀₈	2003 08 26.1	22 17.78	-19 30.8	18.9	-0.92	- 7.4	3.3/23.3	31925
1996 HR ₂₀	2003 08 26.1	22 17.88	+03 32.2	18.5	-0.71	- 5.1	4.1/30.8	13546
2002 EJ ₁₃₅	2003 08 26.1	22 17.94	-01 14.0	19.5	-0.80	- 6.9	3.4/29.3	31985
1999 VR ₄₅	2003 08 26.1	22 17.98	-15 02.3	18.5	-0.95	- 3.8	1.6/24.9	40394
2000 AX ₁₅₅	2003 08 26.1	22 17.98	+04 24.4	18.7	-0.79	- 2.3	4.4/30.6	47843
1999 RZ ₂₄₈	2003 08 26.1	22 17.99	-13 15.8	19.6	-0.84	- 4.4	1.2/25.4	47798
1998 HZ ₁₄₈	2003 08 26.2	22 17.95	+09 38.6	18.9	-0.84	- 5.2	6.7/01.9	31816
1999 TO ₁₃₉	2003 08 26.2	22 17.97	+06 21.8	18.4	-0.74	- 8.0	6.7/01.4	47807
2001 AQ ₂₆	2003 08 26.2	22 18.02	-39 07.5	18.6	-1.02	- 5.0	9.1/16.3	31934
2001 BW ₃₄	2003 08 26.2	22 18.02	-14 41.5	19.5	-0.87	- 6.8	1.5/24.9	12276
1998 VG ₅₃	2003 08 26.2	22 18.04	-09 46.5	18.8	-0.91	- 1.6	0.3/26.4	8417
2001 DW ₉₃	2003 08 26.2	22 18.05	-11 30.6	19.3	-0.72	- 5.7	0.3/25.9	35023

1999 TR ₁₉₈	2003 08 26.2	22 18.07	-34 52.2	16.7	-1.04	+	1.6	10.8/19.8	29138
2001 DZ ₃₆	2003 08 26.2	22 18.13	-04 17.8	17.7	-0.88	-	0.7	2.1/27.9	33373
1999 RY ₂₅	2003 08 26.2	22 18.24	-17 58.0	18.3	-0.97	-	3.0	3.3/24.2	639
2002 BH ₂₅	2003 08 26.2	22 18.33	-11 54.3	18.9	-0.97	-	4.9	0.5/25.9	30634
2000 CV ₆₄	2003 08 26.2	22 18.36	-17 53.2	19.1	-0.73	-	5.6	2.1/23.9	39406
1999 JX ₄₁	2003 08 26.2	22 18.36	-04 20.1	17.2	-0.84	-	8.1	2.9/28.4	27619
1999 TB ₇₀	2003 08 26.2	22 18.37	-03 55.4	18.0	-0.80	-	5.6	2.3/28.4	30319
2002 GL ₂₁	2003 08 26.2	22 18.39	-16 03.6	19.3	-0.86	-	4.1	1.9/24.7	31503
2000 VX ₆₂	2003 08 26.2	22 18.42	-46 35.7	19.6	-1.23	-	0.9	11.6/14.7	31922
2001 AY ₁₁	2003 08 26.3	22 18.38	-07 57.9	18.9	-0.87	-	6.0	1.0/27.0	34994
2002 JF	2003 08 26.3	22 18.47	-03 14.7	18.7	-0.90	-	7.4	2.6/28.7	35576
1999 TE ₁₅	2003 08 26.3	22 18.48	-00 01.2	19.1	-0.78	-	7.7	3.6/29.9	33826
1999 TY ₁₅₃	2003 08 26.3	22 18.49	+03 22.3	19.0	-0.73	-	8.7	5.6/31.3	34788
2002 BV ₂₅	2003 08 26.3	22 18.52	-29 20.8	19.4	-0.93	-	5.0	5.8/20.5	31445
2002 JX ₉₃	2003 08 26.3	22 18.52	+04 44.8	18.2	-0.73	-	4.1	5.0/31.3	34002
1999 RN ₁₉₇	2003 08 26.3	22 18.52	-10 23.6	17.7	-1.10	+	2.3	0.1/26.4	10899
2002 CU ₂₂₄	2003 08 26.3	22 18.54	-10 57.6	20.2	-0.94	-	2.3	0.1/26.2	30685
1999 TB ₁₄₅	2003 08 26.3	22 18.61	-05 09.1	18.5	-0.85	-	4.9	2.1/28.0	33830
2000 SR ₁₄₇	2003 08 26.3	22 18.63	-17 56.5	18.1	-1.05	-	3.6	2.9/24.3	31915
2000 SR ₂₃₈	2003 08 26.3	22 18.65	-18 56.7	18.6	-0.98	-	7.5	3.5/23.7	31916
2001 FS ₁₁₇	2003 08 26.3	22 18.69	+05 14.3	20.3	-0.72	-	3.0	3.8/31.3	13841
2002 JO ₃₉	2003 08 26.3	22 18.69	-35 51.8	20.1	-0.86	-	4.1	7.1/18.0	32020
2002 CL ₁₂₉	2003 08 26.3	22 18.71	-06 44.8	19.0	-0.89	-	8.7	1.6/27.6	30665
2001 XW ₁₁₉	2003 08 26.4	22 18.70	-20 20.3	19.1	-0.98	-	6.2	3.7/23.4	33511
2000 VF ₄₃	2003 08 26.4	22 18.75	-08 42.4	17.1	-0.90	-	3.3	0.9/27.0	47985
2001 FZ ₁₀₀	2003 08 26.4	22 18.77	+04 18.9	19.9	-0.76	-	3.5	4.2/31.0	12333
2001 XN ₁₀₂	2003 08 26.4	22 18.79	-50 21.9	19.9	-1.35	-	9.3	17.2/09.5	48166
1999 TE ₂₀₉	2003 08 26.4	22 18.85	-05 31.7	18.2	-0.99	+	0.6	2.0/27.6	12959
2002 GS ₉₈	2003 08 26.4	22 18.88	+03 36.8	19.3	-0.78	-	8.3	5.3/31.5	31570
2002 BT ₁₃	2003 08 26.4	22 18.92	-10 13.2	18.6	-0.88	-	9.4	9.4/16.0	30631
1999 JS ₁₁	2003 08 26.4	22 18.95	+25 12.5	19.7	-0.95	-	7.1	11.9/09.2	41574
2000 YV ₁₀₉	2003 08 26.4	22 18.96	-17 46.5	17.6	-0.86	-	5.3	3.6/24.2	48001
2000 SM ₂₂₅	2003 08 26.4	22 18.99	-12 48.5	17.8	-0.92	-	9.1	0.9/25.7	30400
2000 UG ₄₀	2003 08 26.4	22 19.01	-20 38.2	19.3	-1.08	-	3.7	4.6/23.6	30413
2001 FP ₈₉	2003 08 26.4	22 19.01	-13 04.1	19.9	-0.73	-	3.9	0.7/25.7	17582
2000 UJ ₁₀₂	2003 08 26.4	22 19.04	-06 22.5	19.3	-0.97	-	4.0	1.5/27.6	30417
1999 TR ₁₅	2003 08 26.4	22 19.10	-15 31.3	18.7	-0.90	-	3.3	2.0/25.0	47800
2000 QF ₂₄	2003 08 26.4	22 19.13	-08 47.9	18.4	-1.03	-	3.7	0.8/27.0	30364
2002 EV ₁₂₇	2003 08 26.4	22 19.14	-17 00.5	19.0	-1.03	-	2.4	2.8/24.8	31477
2000 TL ₂₄	2003 08 26.4	22 19.14	-23 20.8	18.5	-1.09	-	4.4	5.6/22.7	31341
2000 WY ₅₀	2003 08 26.5	22 19.06	+28 00.1	20.1	-0.81	-	3.5	8.6/09.9	23612
2002 JZ ₇₁	2003 08 26.5	22 19.08	-21 20.4	18.1	-0.75	-	6.6	3.5/22.8	34000
1998 BT ₃₆	2003 08 26.5	22 19.08	-09 49.7	20.5	-0.95	-	5.2	0.2/26.7	47722
1999 XD ₆₉	2003 08 26.5	22 19.09	-19 18.0	19.6	-0.76	-	4.4	2.4/23.7	13631
2000 YG ₆₈	2003 08 26.5	22 19.10	-11 30.9	19.1	-0.85	-	6.0	0.3/26.2	33889
2000 SC ₂₃₃	2003 08 26.5	22 19.14	+20 16.8	20.3	-0.90	-	8.7	9.8/07.3	47961
2002 HW ₁₁	2003 08 26.5	22 19.19	-23 43.5	18.7	-1.00	-	5.2	4.9/22.5	30171
2002 JV ₈₉	2003 08 26.5	22 19.21	-11 12.3	19.4	-0.97	-	4.5	0.3/26.3	31723
2001 FA ₁₅₆	2003 08 26.5	22 19.22	-13 11.6	18.6	-0.89	-	1.5	0.9/25.8	48026
2000 VA ₁₈	2003 08 26.5	22 19.23	-22 55.1	19.8	-0.97	-	5.6	4.6/22.7	31347
2001 XV ₆	2003 08 26.5	22 19.25	-46 05.1	19.4	-1.26	-	3.3	11.5/15.7	30561

1999 TS ₂₇	2003 08 26.5	22 19.26	-26 13.7	17.7	-0.89	-	2.6	4.8/21.9	33827
2000 EK ₁₁₂	2003 08 26.5	22 19.36	-09 17.4	19.6	-0.72	-	4.4	0.3/26.9	7014
1999 MA ₁	2003 08 26.5	22 19.40	-15 27.4	19.6	-0.94	-	5.9	1.9/25.1	47784
2000 YS ₁₅	2003 08 26.5	22 19.46	-14 22.4	18.5	-1.01	-	3.7	1.6/25.5	47998
2001 BY ₃₀	2003 08 26.5	22 19.47	-07 44.6	20.5	-0.88	-	3.4	0.8/27.4	20836
1991 TH ₃	2003 08 26.6	22 19.49	+02 27.4	18.0	-0.83	-	6.3	5.6/30.7	9669
2002 KP ₅	2003 08 26.6	22 19.51	+05 19.4	20.0	-0.72	-	4.8	4.8/31.8	48238
2001 FJ ₁₁₀	2003 08 26.6	22 19.54	+03 18.1	22.3	-0.68	-	5.1	3.0/31.2	13335
2001 FB ₁₇₀	2003 08 26.6	22 19.55	+04 14.9	18.9	-0.75	-	3.3	4.3/31.2	31946
1995 UL ₉	2003 08 26.6	22 19.56	-14 46.5	20.0	-0.99	-	3.1	1.8/25.4	15018
2000 RD ₅₀	2003 08 26.6	22 19.56	-23 29.3	17.0	-1.03	-	3.5	5.4/23.0	41669
1999 TE ₁₉₀	2003 08 26.6	22 19.59	-04 20.6	17.7	-0.94	-	1.2	2.3/28.2	12175
1999 RW ₂₀	2003 08 26.6	22 19.60	-20 38.4	18.4	-1.00	-	0.8	4.6/24.0	2650
2000 VA ₅₁	2003 08 26.6	22 19.62	-06 25.5	19.1	-0.99	-	3.7	1.5/27.8	29520
2002 GM ₁₂₂	2003 08 26.6	22 19.72	-06 44.9	17.9	-0.76	-	9.3	1.6/27.9	31589
2000 BP ₂₀	2003 08 26.6	22 19.74	-13 14.7	18.3	-0.72	-	6.1	0.9/25.7	31896
2000 YQ ₉₇	2003 08 26.6	22 19.75	-12 05.1	20.1	-0.86	-	5.1	0.6/26.2	11018
2001 DN ₄₉	2003 08 26.6	22 19.75	-21 02.0	20.1	-0.92	-	3.1	3.2/23.6	12300
1999 YA ₃	2003 08 26.6	22 19.80	+12 12.8	17.9	-1.28	+	7.4	9.6/30.1	3483
2001 DQ ₆₈	2003 08 26.6	22 19.80	-09 37.8	19.3	-0.73	-	4.1	6.6/16.0	11896
2001 BZ ₆₂	2003 08 26.6	22 19.81	-10 18.7	19.6	-0.91	-	2.6	7.7/07.0	48007
1999 TK ₁₃₁	2003 08 26.7	22 19.81	-21 19.8	20.0	-0.98	-	1.6	3.5/23.8	11586
2001 XB ₂₅₄	2003 08 26.7	22 19.88	+00 46.5	18.4	-1.52	+	4.9	5.6/28.5	30591
2001 AJ ₄₁	2003 08 26.7	22 19.90	-07 45.2	19.1	-0.90	-	5.0	1.1/27.5	48004
2000 VM ₂₂	2003 08 26.7	22 19.92	-02 51.0	19.6	-0.90	-	7.4	3.0/29.1	33297
2002 EM ₂₀	2003 08 26.7	22 19.93	-15 47.0	19.8	-0.98	-	5.8	1.9/25.1	48216
1999 XD ₄₆	2003 08 26.7	22 19.97	-14 00.2	20.6	-0.81	-	4.2	1.1/25.6	47829
1998 RF ₉	2003 08 26.7	22 20.07	-10 10.0	19.4	-0.78	-	4.5	7.5/07.0	47738
2002 CZ ₂₂₀	2003 08 26.7	22 20.09	-10 51.7	18.6	-0.87	-	7.0	10.3/16.0	48210
2000 WU ₈₂	2003 08 26.7	22 20.13	-15 10.0	18.7	-1.01	-	4.2	2.1/25.4	33312
1999 JE ₆₀	2003 08 26.7	22 20.15	-21 59.2	18.2	-1.02	-	5.0	4.6/23.4	30296
2001 FQ ₂₈	2003 08 26.7	22 20.19	-22 24.3	20.0	-0.81	-	3.1	3.3/23.2	48018
2001 BS ₄₇	2003 08 26.7	22 20.19	-07 09.2	19.1	-0.76	-	3.5	0.9/27.8	48007
2002 GR ₉₆	2003 08 26.7	22 20.21	-15 32.4	20.9	-1.00	-	4.5	1.9/25.3	48229
2000 YG ₂₈	2003 08 26.8	22 20.18	-03 34.8	18.4	-0.69	-	8.7	2.0/29.2	31930
4770 P-L	2003 08 26.8	22 20.22	-21 40.1	18.8	-0.87	-	2.0	3.7/23.6	48387
2000 UE ₁₀₉	2003 08 26.8	22 20.27	-11 54.5	18.6	-0.93	-	7.6	0.6/26.3	31346
2002 JY ₈₇	2003 08 26.8	22 20.27	-18 47.0	20.0	-0.89	-	3.9	2.8/24.3	35195
1999 VS ₁₉₉	2003 08 26.8	22 20.29	-07 09.0	18.6	-0.79	-	8.5	1.1/27.9	47826
2002 EZ ₉₀	2003 08 26.8	22 20.30	-13 27.2	18.2	-0.87	-	6.2	1.2/25.9	31980
1998 HN ₁₁₉	2003 08 26.8	22 20.33	+00 56.0	17.2	-0.72	-	10.3	4.5/31.1	30270
2002 LL ₁₃	2003 08 26.8	22 20.36	+02 26.1	18.0	-0.78	-	2.9	4.2/30.7	35202
1999 VA ₃₃	2003 08 26.8	22 20.39	-09 08.8	20.0	-0.76	-	4.4	0.3/27.2	47819
2002 FV ₃₇	2003 08 26.8	22 20.44	-34 14.7	18.6	-1.10	-	1.4	8.9/20.3	33977
2002 GD ₁₁₂	2003 08 26.9	22 20.54	-12 17.7	20.0	-0.79	-	6.8	0.7/26.3	48230
2000 RF ₁₀	2003 08 26.9	22 20.55	-06 53.0	17.7	-0.74	-	10.0	1.7/28.1	47931
1998 HV ₅	2003 08 26.9	22 20.57	-15 13.2	19.7	-0.86	-	5.9	1.9/25.4	47728
2000 WV ₁₅₆	2003 08 26.9	22 20.67	-15 46.1	18.2	-1.02	-	2.2	2.2/25.5	30432
2002 CP ₂₄₂	2003 08 26.9	22 20.68	-02 38.5	19.6	-0.97	-	4.7	2.8/29.2	30689
2002 JL ₇₆	2003 08 26.9	22 20.70	-09 00.3	20.6	-0.89	-	4.6	0.5/27.3	48235
1999 VJ ₁₆₂	2003 08 26.9	22 20.71	+02 10.1	19.5	-0.77	-	4.4	3.8/30.9	31878

2001 CV ₂₉	2003 08 26.9	22 20.73	-24 55.9	20.2	-0.87	- 8.0	4.5/21.9	10778
1999 XG ₁₀₆	2003 08 26.9	22 20.77	-07 35.8	20.1	-0.76	- 4.4	0.8/27.8	13634
1999 PY ₆	2003 08 26.9	22 20.77	-11 18.2	19.9	-0.91	- 6.4	11.1/16.0	10358
2002 GK ₁₁₅	2003 08 26.9	22 20.77	-22 29.6	19.9	-0.99	- 5.7	4.7/23.2	31586
1999 XW ₂₅₆	2003 08 26.9	22 20.78	-54 47.8	18.4	-1.17	- 0.8	13.2/10.9	33851
2002 CQ ₁₄₅	2003 08 26.9	22 20.80	-05 28.9	19.3	-0.81	- 9.5	1.8/28.6	31969
1995 UM ₇₂	2003 08 26.9	22 20.81	-14 08.7	20.3	-0.76	- 5.7	1.8/25.7	23431
1999 RF ₈₇	2003 08 26.9	22 20.81	-19 46.5	17.9	-1.14	+ 1.9	4.3/24.8	<i>40361</i>
1999 RU ₂₅	2003 08 26.9	22 20.83	-11 18.2	17.4	-0.92	- 2.6	0.5/26.7	<i>40356</i>
2002 EF ₂₁	2003 08 26.9	22 20.84	-22 29.0	18.8	-1.01	- 4.3	4.9/23.4	48216
2000 XM ₂₉	2003 08 26.9	22 20.87	-29 09.9	19.2	-1.03	- 3.0	6.2/21.4	18306
1999 TT ₁₂	2003 08 26.9	22 20.97	-38 53.3	18.2	-1.17	+ 1.9	12.9/18.9	33094
1999 VJ ₅₀	2003 08 27.0	22 20.88	-17 00.8	18.9	-0.88	- 3.8	2.4/25.0	30332
2002 EF ₆₂	2003 08 27.0	22 20.90	-08 59.0	19.7	-0.92	- 4.8	0.5/27.4	48219
1998 SG ₁₂₄	2003 08 27.0	22 20.92	-31 09.9	19.2	-0.94	- 1.8	5.9/20.7	31835
1999 XG ₁₃₅	2003 08 27.0	22 20.99	-24 42.2	22.1	-0.81	- 4.8	3.3/22.3	<i>40419</i>
1998 AM	2003 08 27.0	22 21.06	-09 33.3	18.3	-1.01	- 3.9	0.3/27.2	30258
2001 DY ₄₉	2003 08 27.0	22 21.09	-26 57.4	18.7	-0.80	- 6.0	4.9/21.4	33898
2002 EP ₃₄	2003 08 27.0	22 21.10	-22 40.4	19.5	-1.01	- 3.0	4.3/23.6	29977
2000 WB ₁₁₈	2003 08 27.0	22 21.12	-31 26.6	19.9	-0.94	- 4.9	6.7/20.2	31925
2002 CR ₁	2003 08 27.0	22 21.12	-14 02.9	19.4	-0.99	- 4.7	1.5/26.0	27441
2002 EN ₈₁	2003 08 27.0	22 21.14	-09 04.1	19.7	-1.07	- 3.9	0.5/27.4	30716
2000 WY	2003 08 27.0	22 21.17	-23 52.5	20.1	-0.98	- 5.1	5.0/22.9	29526
1998 FU ₁₃₂	2003 08 27.0	22 21.20	-11 34.4	18.8	-0.89	- 7.1	0.5/26.7	47728
1999 TQ ₂₆₅	2003 08 27.0	22 21.21	+11 00.3	18.0	-0.92	+ 1.2	10.0/01.6	2137
1999 RG ₂₀₈	2003 08 27.0	22 21.24	-05 28.4	18.0	-1.06	+ 1.5	2.0/28.1	<i>40372</i>
2001 DE ₉₀	2003 08 27.0	22 21.29	+01 48.9	18.8	-0.88	- 0.2	3.5/30.3	12304
1999 LO ₂₀	2003 08 27.0	22 21.29	-07 28.3	17.2	-0.88	- 4.8	1.3/27.9	29044
1996 HR ₁	2003 08 27.0	22 21.29	-08 33.2	19.3	-0.94	- 8.4	0.7/27.6	14746
1996 FU ₁	2003 08 27.0	22 21.30	-05 29.6	19.8	-0.94	- 6.4	2.3/28.6	6735
1999 JU ₇₇	2003 08 27.0	22 21.31	-16 59.0	17.6	-0.91	- 8.8	2.8/24.9	33811
1999 UF ₄₉	2003 08 27.0	22 21.33	-12 36.3	19.4	-0.89	- 3.1	0.8/26.4	47817
1999 UT ₄₅	2003 08 27.1	22 21.26	-22 31.5	20.6	-0.97	- 1.9	4.1/23.7	47817
2002 JR ₈₇	2003 08 27.1	22 21.35	-09 30.8	19.2	-0.77	- 4.5	0.2/27.4	34002
1999 XY ₂₄₇	2003 08 27.1	22 21.49	-21 59.0	19.1	-0.84	- 7.4	4.3/23.1	18222
2001 DV ₄₆	2003 08 27.1	22 21.50	-05 28.0	21.0	-0.85	- 5.3	1.5/28.6	14928
2001 CB ₁₃	2003 08 27.1	22 21.53	-16 36.1	19.1	-0.80	- 3.3	1.8/25.3	11841
2000 CT ₃₀	2003 08 27.1	22 21.53	-06 13.4	19.0	-0.72	- 5.6	1.3/28.5	31897
2000 SG ₂₆₈	2003 08 27.1	22 21.54	-22 40.9	18.4	-1.06	- 4.0	4.9/23.6	30402
2000 UC ₁₁₀	2003 08 27.1	22 21.65	-21 53.9	18.8	-0.95	- 7.6	4.5/23.3	30418
2002 GH ₁₄₄	2003 08 27.1	22 21.67	-25 30.0	18.1	-0.89	- 7.0	5.4/22.1	31598
2002 EG ₃₁	2003 08 27.2	22 21.64	-09 28.4	19.2	-0.87	- 8.0	0.3/27.5	30706
4066 T-3	2003 08 27.2	22 21.73	-27 10.7	18.8	-1.01	- 3.8	7.2/22.0	38156
2000 BV	2003 08 27.2	22 21.77	-15 26.4	18.2	-1.66	+ 7.7	2.4/26.5	<i>38887</i>
2002 CL ₇₈	2003 08 27.2	22 21.81	-13 46.3	18.4	-0.96	- 4.0	1.6/26.2	48202
2001 DB ₄₀	2003 08 27.2	22 21.85	-04 17.8	19.4	-0.87	- 5.3	2.3/29.1	48011
2000 CH ₁₁₈	2003 08 27.2	22 21.86	-10 50.2	19.1	-0.77	- 4.9	0.2/27.1	47853
1998 FO ₆₃	2003 08 27.2	22 21.88	-07 12.5	19.5	-0.85	- 7.4	1.0/28.2	30264
1999 RK ₇₃	2003 08 27.2	22 21.90	-02 34.0	19.0	-0.87	- 4.6	2.9/29.6	47789
2000 BM ₂₂	2003 08 27.2	22 21.93	-11 40.8	18.3	-0.75	- 4.2	0.5/26.8	31896
2001 CC ₄₁	2003 08 27.2	22 21.94	-29 25.4	19.7	-0.90	- 6.0	6.2/20.7	12291

2000 YD ₁₁₇	2003 08 27.2	22 21.95	-17 24.1	18.8	-0.90	- 5.6	2.4/25.0	12266
1999 RN ₈₁	2003 08 27.2	22 21.97	-11 15.2	17.8	-0.89	- 2.3	0.5/27.0	47790
1999 VJ ₁₀₇	2003 08 27.2	22 21.97	-07 34.6	19.1	-0.78	- 4.4	0.8/28.1	31877
2002 AS ₁₆₆	2003 08 27.2	22 21.97	-04 41.2	19.0	-1.03	- 5.0	2.3/28.9	41763
1997 EC ₂₆	2003 08 27.2	22 21.98	-10 10.4	20.7	-0.88	- 5.2	0.0/27.3	47710
1998 VW ₁₂	2003 08 27.3	22 22.01	-11 11.4	17.7	-0.76	- 5.1	0.3/27.0	<i>40346</i>
2001 CV ₂₈	2003 08 27.3	22 22.02	-17 07.2	18.6	-1.01	- 0.2	2.4/25.6	13811
1999 RS ₁₃₅	2003 08 27.3	22 22.07	-16 29.0	17.8	-1.08	- 1.0	2.2/25.7	13606
2002 CB ₂₄₄	2003 08 27.3	22 22.07	-09 38.6	18.6	-0.93	- 4.7	0.2/27.5	31971
1998 RO ₇₉	2003 08 27.3	22 22.19	-20 21.4	18.9	-0.83	- 3.5	3.5/24.2	47742
2000 AD ₉₉	2003 08 27.3	22 22.22	-13 23.4	18.2	-0.87	- 6.9	1.2/26.3	698
2001 HM ₅₈	2003 08 27.3	22 22.24	+20 38.3	18.6	-0.70	- 5.1	9.0/08.0	33910
2000 WU ₄₈	2003 08 27.3	22 22.24	+04 13.2	17.5	-0.96	- 4.2	6.2/31.5	9872
1993 FD ₈₄	2003 08 27.3	22 22.27	+05 21.0	18.6	-0.69	-10.8	6.1/02.3	30244
2000 UJ ₅	2003 08 27.3	22 22.29	+02 07.8	17.6	-0.71	- 5.5	6.6/31.6	29439
1999 TG ₃₁	2003 08 27.3	22 22.32	-28 43.6	17.8	-1.13	+ 1.3	7.9/22.8	30318
2002 JK ₁₀₁	2003 08 27.3	22 22.33	-30 30.0	20.0	-0.98	- 9.8	6.1/20.0	34003
2002 GL ₁₅₄	2003 08 27.3	22 22.37	-18 57.6	17.8	-0.82	- 8.5	3.9/24.3	31603
1999 RU ₂₁	2003 08 27.3	22 22.39	-23 45.8	18.2	-1.10	+ 2.7	6.3/24.4	29063
2000 XA ₂₁	2003 08 27.4	22 22.35	+04 33.2	17.3	-1.01	+ 3.8	8.1/30.6	27757
2002 EE ₉₇	2003 08 27.4	22 22.44	-16 00.4	19.3	-0.98	- 7.4	2.2/25.6	31981
2002 KX ₅	2003 08 27.4	22 22.45	-14 37.1	19.1	-0.88	- 6.7	1.5/26.0	31760
2001 AJ ₃₀	2003 08 27.4	22 22.46	-11 49.7	19.0	-0.97	- 4.7	0.6/26.9	25367
2002 GB ₈₁	2003 08 27.4	22 22.47	-08 56.2	17.3	-0.81	- 9.9	0.5/27.9	31551
1999 TX ₁₅₃	2003 08 27.4	22 22.49	-18 04.7	18.3	-0.83	- 4.3	3.5/25.0	33105
1994 PA ₄	2003 08 27.4	22 22.52	-07 15.7	19.0	-0.79	- 6.2	1.1/28.4	47691
2000 SE ₂₈₆	2003 08 27.4	22 22.54	-12 01.1	19.1	-0.96	- 6.9	0.7/26.9	29408
2000 WC ₂₁	2003 08 27.4	22 22.56	-11 59.6	21.0	-0.76	- 4.8	0.5/26.9	47987
2000 WR ₁₃₃	2003 08 27.4	22 22.58	-00 03.7	17.1	-0.98	+ 0.4	5.4/30.0	23613
1999 RV ₁₉	2003 08 27.4	22 22.69	-16 50.4	17.4	-1.19	+ 4.2	3.1/26.2	35474
2001 FG ₁₄₅	2003 08 27.4	22 22.69	+10 48.1	19.0	-0.72	- 5.2	5.9/03.6	14425
2002 GB ₇₃	2003 08 27.4	22 22.70	-18 00.1	19.7	-0.89	- 5.9	2.9/25.0	31541
1999 XN ₁₀₉	2003 08 27.4	22 22.74	-08 25.7	19.4	-0.77	- 5.6	0.5/28.0	47832
2002 CA ₅₆	2003 08 27.4	22 22.74	-05 40.4	19.6	-0.78	-13.2	1.4/29.2	30647
1998 FM ₄₇	2003 08 27.4	22 22.77	-13 35.6	19.0	-1.02	- 2.8	1.3/26.6	31812
2000 WA ₆₀	2003 08 27.4	22 22.77	-20 24.9	20.6	-0.89	- 5.9	3.2/24.2	11001
2002 JC ₁₂₇	2003 08 27.5	22 22.71	-21 42.6	19.1	-0.85	- 5.7	4.2/23.8	35197
2002 GU ₅₆	2003 08 27.5	22 22.71	-35 50.4	19.3	-0.85	- 4.5	7.3/18.9	31997
2002 CY ₂₃₈	2003 08 27.5	22 22.76	-07 14.1	20.4	-0.92	- 5.5	1.1/28.4	30688
1999 VO ₁₈₂	2003 08 27.5	22 22.81	-06 23.9	20.1	-0.76	- 4.4	1.1/28.7	10519
2001 FY ₅₂	2003 08 27.5	22 22.82	+08 44.4	17.9	-0.64	- 9.2	5.6/03.8	33903
2000 SS ₃₂₆	2003 08 27.5	22 22.82	-15 42.8	20.4	-1.04	- 4.6	2.1/25.9	31339
2000 SV ₈₄	2003 08 27.5	22 22.90	-07 40.1	18.0	-0.88	- 8.7	1.2/28.4	27706
2002 BA ₁₄	2003 08 27.5	22 22.92	-05 21.1	18.1	-1.04	- 3.3	2.0/28.8	30631
2001 CO ₄₀	2003 08 27.5	22 22.94	-32 41.1	18.1	-0.90	- 8.6	8.9/18.9	33369
2002 JU ₁₂₁	2003 08 27.5	22 22.97	-20 11.2	19.3	-0.84	- 7.0	3.0/24.2	31745
1998 RO ₆₆	2003 08 27.5	22 23.00	-11 27.0	18.3	-0.82	- 2.8	0.4/27.2	31827
2000 CG ₉	2003 08 27.5	22 23.02	-23 23.3	19.4	-0.71	- 7.3	3.6/22.8	13144
2002 GL ₉	2003 08 27.5	22 23.09	-13 21.6	19.0	-0.87	- 6.5	1.2/26.5	48226
2000 SY ₁₇₅	2003 08 27.5	22 23.10	+03 08.8	17.3	-0.86	- 3.7	7.0/01.0	47956
1999 TN ₂₆₉	2003 08 27.6	22 23.07	-07 16.3	18.3	-1.05	+ 1.3	1.2/28.2	13616

1998 SX ₁₃₁	2003 08 27.6	22 23.10	-08 30.7	17.4	-0.84	- 1.7	0.6/28.0	33783
2002 HE ₁₀	2003 08 27.6	22 23.13	-19 33.8	19.5	-1.00	- 4.2	3.4/24.9	32012
2002 LL ₅₁	2003 08 27.6	22 23.14	-01 44.1	19.5	-0.81	- 6.5	2.7/30.3	33628
1996 TX ₃₁	2003 08 27.6	22 23.16	-23 47.1	19.5	-1.01	- 5.0	5.4/23.4	47705
2001 BY ₄₀	2003 08 27.6	22 23.16	-04 46.5	17.9	-0.82	-10.8	2.2/29.5	12276
2001 AP ₃₂	2003 08 27.6	22 23.18	-26 40.8	18.4	-0.88	- 4.8	5.5/22.4	31934
2001 AB ₁₃	2003 08 27.6	22 23.25	+03 58.9	18.9	-0.88	- 3.3	4.6/31.7	11024
2002 CZ ₉₁	2003 08 27.6	22 23.28	-10 38.2	18.1	-1.08	- 0.9	0.3/27.5	48202
2001 XD ₄	2003 08 27.6	22 23.30	-49 21.4	17.6	-1.90	+ 3.5	17.7/16.9	31960
1999 VR ₁₇₆	2003 08 27.6	22 23.32	+08 12.3	19.3	-0.81	- 6.4	6.0/02.7	47825
1999 XU ₁₅₅	2003 08 27.6	22 23.35	-10 20.8	19.0	-0.75	- 5.3	0.1/27.6	47833
2000 SO ₂₅₇	2003 08 27.6	22 23.35	-15 31.1	18.5	-1.00	- 5.6	2.4/26.0	30402
2000 SH ₃₃₆	2003 08 27.6	22 23.39	-09 14.4	18.5	-1.02	- 4.2	0.3/27.9	29420
1993 FK ₄₀	2003 08 27.6	22 23.49	-01 54.6	18.8	-0.77	- 8.7	2.7/30.5	31803
1999 RA ₁₁₂	2003 08 27.6	22 23.49	-05 54.0	17.8	-0.79	- 8.8	1.8/29.1	33820
1999 XF ₂₀₃	2003 08 27.6	22 23.50	-26 42.0	17.7	-1.00	- 3.1	7.1/22.5	41588
2002 GE ₁₃₀	2003 08 27.7	22 23.56	+01 33.8	18.8	-0.83	- 7.2	5.3/31.6	33553
2002 GH ₁₀₇	2003 08 27.7	22 23.58	-12 03.5	18.6	-0.87	- 7.6	0.8/27.1	31580
2002 FO ₁₃	2003 08 27.7	22 23.62	-16 40.2	20.4	-0.95	- 3.6	2.3/25.9	31482
2002 CP ₉₃	2003 08 27.7	22 23.68	-12 45.9	19.4	-0.94	- 6.1	1.1/26.9	30656
2002 JR ₂₃	2003 08 27.7	22 23.69	-25 15.8	19.4	-0.88	- 3.6	4.6/23.2	32017
2002 CR ₁₄₈	2003 08 27.7	22 23.72	-08 20.1	18.7	-0.81	- 8.9	0.8/28.3	35158
1999 RF ₄₄	2003 08 27.7	22 23.72	-17 10.1	18.9	-0.78	-11.6	2.6/25.1	31858
2002 GH ₁₉	2003 08 27.7	22 23.77	-01 14.4	19.3	-0.95	- 6.9	3.2/30.5	30145
1999 RC ₂₁₃	2003 08 27.7	22 23.80	-02 48.0	18.7	-0.96	- 0.8	3.0/29.6	9750
1999 TD ₁₇₇	2003 08 27.7	22 23.81	-16 00.0	18.6	-0.87	- 4.1	2.1/26.0	35483
1997 EA ₃₇	2003 08 27.7	22 23.85	-16 45.3	18.8	-0.80	- 7.4	2.0/25.5	31809
2002 EM ₈₆	2003 08 27.7	22 23.85	-25 33.4	18.0	-0.95	- 0.3	5.5/23.8	30717
2000 SG ₂₉₆	2003 08 27.7	22 23.87	+11 42.6	19.1	-0.95	- 4.1	8.1/03.4	31917
2000 WC ₂₅	2003 08 27.8	22 23.80	+09 01.3	18.6	-0.87	- 4.2	6.1/02.7	12253
2002 GR ₆₉	2003 08 27.8	22 23.81	+02 51.4	18.4	-0.70	- 9.7	5.0/01.6	31538
2002 JR ₃	2003 08 27.8	22 23.83	+06 55.3	19.3	-0.86	- 3.9	5.8/02.1	31617
1999 VT ₆₀	2003 08 27.8	22 23.85	-19 27.3	18.4	-0.85	- 4.2	3.1/24.9	31876
2000 SC ₁₄₈	2003 08 27.8	22 23.85	-17 37.5	18.8	-1.11	- 2.9	3.4/25.8	31334
2001 DN ₂₇	2003 08 27.8	22 23.87	-16 37.3	20.2	-0.88	- 4.0	2.1/25.8	17553
2001 DG ₉₈	2003 08 27.8	22 23.87	-17 35.2	21.0	-0.69	- 9.6	2.0/25.0	48013
2001 FL ₅₂	2003 08 27.8	22 23.90	-05 16.2	19.9	-0.74	- 3.7	1.3/29.3	48020
1997 YP ₁₅	2003 08 27.8	22 23.93	-08 32.0	19.0	-0.96	- 4.8	0.6/28.3	30258
2002 FS ₃₃	2003 08 27.8	22 23.94	+00 09.9	20.0	-0.91	- 5.9	4.1/31.0	48226
1999 RL ₆	2003 08 27.8	22 23.99	-12 23.0	18.1	-0.96	- 3.4	1.0/27.2	15048
2001 CY ₆	2003 08 27.8	22 24.00	-19 17.6	18.3	-0.74	- 7.8	3.1/24.6	31395
1999 TK ₂₂	2003 08 27.8	22 24.02	-27 57.1	18.7	-1.03	- 1.0	6.2/23.0	31865
2000 AL ₁₄₅	2003 08 27.8	22 24.02	-11 36.8	18.1	-0.69	- 8.9	0.5/27.3	33857
2000 YV ₇₄	2003 08 27.8	22 24.03	-23 04.8	19.1	-0.88	- 5.9	4.3/23.7	31931
1999 UO ₁₄	2003 08 27.8	22 24.04	-02 32.1	19.2	-0.78	- 6.8	2.4/30.3	47815
1999 RU ₄₁	2003 08 27.8	22 24.07	-06 20.3	17.3	-0.66	- 8.0	1.7/29.2	33817
1979 OU	2003 08 27.8	22 24.08	-11 54.4	16.6	-0.63	-10.0	1.0/27.1	9009
2000 UX ₂₃	2003 08 27.8	22 24.11	-15 53.9	18.8	-0.95	- 6.9	2.2/26.0	47976
2002 FO ₂	2003 08 27.8	22 24.11	-00 30.0	16.3	-0.58	-10.7	4.6/31.6	48224
1995 UT ₂₅	2003 08 27.8	22 24.13	-09 59.1	18.3	-0.81	- 6.5	0.0/27.9	47699
2664 P-L	2003 08 27.8	22 24.17	-17 06.1	19.5	-0.84	- 2.5	2.2/25.8	48386

1997 KW ₁	2003 08 27.8	22 24.23	-04 52.9	18.7	-0.69	- 9.1	1.7/29.7	47712
1999 TB ₁₉₃	2003 08 27.8	22 24.24	-11 04.8	19.1	-0.92	- 2.9	0.3/27.6	14142
2002 HN ₁₄	2003 08 27.9	22 24.18	-01 45.4	20.6	-0.77	- 7.0	2.6/30.7	31611
2002 GA ₂₆	2003 08 27.9	22 24.19	-10 35.3	20.5	-0.95	- 6.4	0.2/27.7	30738
1999 TZ ₇₂	2003 08 27.9	22 24.22	-05 37.9	19.3	-0.84	- 5.4	1.7/29.3	47804
2000 UR ₃₆	2003 08 27.9	22 24.23	-14 12.6	19.2	-0.97	- 5.2	1.6/26.7	47977
2002 CT ₇₉	2003 08 27.9	22 24.29	-09 34.2	19.3	-1.04	- 3.3	0.2/28.0	30653
1998 SD ₁₆₃	2003 08 27.9	22 24.38	-52 05.5	18.8	-1.34	+ 4.6	15.7/16.2	37117
2002 CH ₁₅₂	2003 08 27.9	22 24.38	-17 01.5	19.7	-0.98	- 4.6	2.7/25.9	48207
2002 EA ₆	2003 08 27.9	22 24.43	-14 03.6	19.3	-0.92	- 8.6	1.6/26.6	31467
1998 HX ₃₃	2003 08 27.9	22 24.44	+09 08.8	18.2	-0.79	- 8.3	7.1/04.0	31815
2000 YE ₇₁	2003 08 27.9	22 24.44	-10 59.6	20.5	-0.95	- 6.8	0.4/27.6	48000
2002 CQ ₄₆	2003 08 27.9	22 24.49	+05 10.5	19.7	-0.69	- 9.4	4.1/02.7	33961
1998 VZ ₅₂	2003 08 27.9	22 24.49	-14 59.3	17.4	-0.95	+ 0.8	1.6/26.7	33788
1998 UA ₄₃	2003 08 27.9	22 24.56	-33 21.9	17.9	-0.98	+ 0.3	8.7/21.4	31247
2000 US ₆₆	2003 08 27.9	22 24.56	-10 45.6	17.9	-1.09	- 2.2	0.3/27.8	29471
1999 VM ₁₄₈	2003 08 28.0	22 24.55	-01 41.4	19.5	-0.81	- 4.7	2.9/30.6	6261
2002 JH ₇₇	2003 08 28.0	22 24.60	-00 37.8	19.9	-0.89	- 6.1	3.5/30.9	31712
2001 AT ₁₂	2003 08 28.0	22 24.61	-12 35.1	18.4	-0.71	- 7.0	0.8/27.1	33891
1999 XK ₁₁₇	2003 08 28.0	22 24.64	-06 41.2	17.5	-0.90	- 1.5	1.6/28.9	40417
2000 YY ₁₀₂	2003 08 28.0	22 24.64	-14 23.4	18.2	-0.77	- 9.4	1.4/26.5	31932
1999 TM ₂₃₃	2003 08 28.0	22 24.65	+12 17.1	19.0	-0.81	- 6.0	7.6/04.8	47812
1999 TF ₃₄	2003 08 28.0	22 24.67	-10 32.0	19.4	-0.85	- 7.6	0.2/27.8	47801
1999 UY ₅₁	2003 08 28.0	22 24.67	-06 45.3	17.0	-0.70	- 9.7	1.2/29.2	29161
2002 FG ₂₉	2003 08 28.0	22 24.69	-21 46.7	18.6	-0.96	- 7.2	5.7/24.1	30112
2002 CS ₁₁₈	2003 08 28.0	22 24.70	-50 10.0	20.1	-1.19	- 3.0	10.7/14.5	31968
2001 CC ₂₈	2003 08 28.0	22 24.78	-28 31.0	19.2	-0.75	- 8.3	4.9/21.3	33895
2000 AK ₁₈₈	2003 08 28.0	22 24.82	-15 42.0	17.6	-0.73	-11.9	2.2/25.9	1565
1999 RX ₇₀	2003 08 28.0	22 24.82	-05 26.1	18.9	-0.79	- 8.6	1.8/29.6	4514
1999 RT ₃₆	2003 08 28.0	22 24.82	-20 59.5	19.0	-1.10	- 1.1	4.2/25.2	12930
2002 GQ ₁₀₈	2003 08 28.0	22 24.84	-35 46.5	19.5	-1.11	- 1.4	9.8/20.6	31581
2002 GZ ₁₉	2003 08 28.0	22 24.85	-28 51.4	18.5	-1.02	- 1.8	6.3/22.8	33978
1998 FQ ₁₂₂	2003 08 28.0	22 24.87	-28 39.5	16.3	-1.00	+ 2.7	9.2/23.7	30266
1999 XD ₁₉₄	2003 08 28.0	22 24.92	-27 51.8	19.6	-0.87	- 3.5	5.6/22.4	47835
1999 XC ₅₄	2003 08 28.0	22 24.97	-44 21.0	19.0	-0.95	- 3.3	9.8/15.9	33845
2000 OC ₃	2003 08 28.0	22 25.01	+21 37.7	18.0	-1.36	+ 3.6	14.9/04.7	27667
1999 RX ₁₀₄	2003 08 28.1	22 24.92	+03 21.9	17.4	-1.05	+ 3.1	6.3/31.0	47791
2002 CF ₄₄	2003 08 28.1	22 24.95	-09 53.3	19.0	-1.02	- 5.7	0.0/28.1	48200
1999 RV ₁₄₀	2003 08 28.1	22 24.95	-07 30.4	18.6	-0.86	- 5.0	1.1/28.8	47793
2002 CE ₅₇	2003 08 28.1	22 24.96	-06 45.2	18.9	-0.89	- 8.4	1.2/29.2	48201
1999 VX ₈₁	2003 08 28.1	22 24.98	-00 03.8	17.3	-0.63	- 6.0	4.9/31.6	678
2001 FO ₆₈	2003 08 28.1	22 25.02	-06 24.9	18.5	-0.76	- 9.2	1.2/29.4	14268
2000 SS ₁₂₇	2003 08 28.1	22 25.18	-11 51.8	18.0	-0.92	- 8.7	0.8/27.5	30394
2002 ER ₃₉	2003 08 28.1	22 25.22	-10 49.8	19.9	-0.99	- 5.3	0.4/27.9	29981
1998 RL ₆₉	2003 08 28.1	22 25.24	-19 44.1	18.9	-0.87	- 1.9	3.1/25.4	47741
2000 AC ₁₉	2003 08 28.1	22 25.24	+02 05.4	18.9	-0.75	- 3.3	3.3/01.0	31888
2000 VK ₄₆	2003 08 28.1	22 25.26	-08 28.0	16.8	-1.04	- 2.1	0.7/28.5	30421
2002 FJ ₁₆	2003 08 28.1	22 25.26	-17 44.4	18.9	-0.89	- 5.5	2.9/25.7	48225
2000 YZ ₁₃₉	2003 08 28.1	22 25.27	-31 15.0	19.8	-1.01	- 2.4	6.5/21.8	12267
2002 JA ₁₁₁	2003 08 28.1	22 25.28	+11 33.6	19.3	-0.75	- 3.9	6.0/04.5	48236
1998 SQ ₁₁₄	2003 08 28.1	22 25.29	-14 50.6	18.5	-0.76	- 4.9	1.7/26.6	47749

2003 AUG. 6

M.P.C. 49365

2000 XJ ₂₆	2003 08 28.2	22 25.27	-30 59.6	19.3	-1.13	- 2.8	8.1/21.9	30436
2002 CB ₉₉	2003 08 28.2	22 25.27	-15 37.5	18.2	-1.03	- 3.1	2.4/26.6	30658
2000 YJ ₅₃	2003 08 28.2	22 25.30	-15 26.2	18.3	-0.96	- 6.8	2.4/26.5	33340
2000 WZ ₇₈	2003 08 28.2	22 25.33	-12 03.9	19.5	-0.89	- 4.3	0.7/27.6	33886
2002 CE ₂₄₄	2003 08 28.2	22 25.34	-10 00.3	18.8	-0.96	- 4.1	0.0/28.2	31971
2000 UX ₄₇	2003 08 28.2	22 25.35	+00 52.0	19.0	-0.93	- 5.9	4.4/31.5	29462
2000 TO ₃₄	2003 08 28.2	22 25.36	-13 30.7	19.8	-0.99	- 6.3	1.4/27.1	47972
1998 HQ ₉₉	2003 08 28.2	22 25.41	-35 36.1	19.5	-1.05	- 2.0	9.2/20.7	47730
2002 JW ₅	2003 08 28.2	22 25.42	-21 29.3	18.8	-0.73	- 7.2	3.9/24.2	35192
2002 JZ ₄₆	2003 08 28.2	22 25.44	-07 50.2	19.5	-0.90	- 4.1	0.7/28.8	32021
1997 AE ₁₅	2003 08 28.2	22 25.45	-30 48.4	18.6	-0.94	- 6.2	7.0/21.1	31808
1998 SC ₁₆₂	2003 08 28.2	22 25.54	-34 39.2	18.7	-0.91	- 2.0	7.0/20.4	31837
2000 WA ₃₈	2003 08 28.2	22 25.57	-19 31.2	19.4	-0.92	- 7.8	4.1/25.0	9871
2002 JM ₁₀	2003 08 28.2	22 25.61	-09 57.1	18.3	-0.70	- 9.1	0.0/28.2	33996
1996 RP ₅	2003 08 28.2	22 25.62	+02 29.4	18.8	-0.95	- 4.4	5.3/31.8	9045
2000 UD ₇₈	2003 08 28.2	22 25.62	+05 45.0	20.0	-0.90	- 5.3	5.1/02.2	31919
2002 EY ₈₆	2003 08 28.2	22 25.63	-14 49.1	19.6	-0.95	- 4.9	1.7/26.8	31980
2001 AE ₁₉	2003 08 28.2	22 25.64	-17 38.1	21.0	-0.79	- 5.7	2.1/25.7	20835
2000 SL ₂₆₁	2003 08 28.2	22 25.67	-14 10.3	18.8	-0.96	- 6.9	1.6/26.9	30402
2001 DD ₂₅	2003 08 28.2	22 25.68	-16 56.9	18.7	-0.84	- 6.0	2.6/26.0	11871
1998 TO ₃₁	2003 08 28.2	22 25.69	-18 57.6	19.2	-0.84	- 3.1	2.8/25.5	27612
1998 SP ₇₃	2003 08 28.3	22 25.64	-37 53.9	17.6	-1.07	+ 2.2	11.1/20.7	35457
2000 UQ ₄₈	2003 08 28.3	22 25.65	+00 05.8	17.8	-0.92	- 5.2	3.8/31.3	31919
1999 XY ₁₂₄	2003 08 28.3	22 25.71	-27 10.4	17.5	-0.95	- 0.9	7.5/23.4	31884
2002 DQ ₈	2003 08 28.3	22 25.76	-36 53.1	17.4	-1.92	+17.6	14.9/27.9	35166
1999 NF ₄₉	2003 08 28.3	22 25.77	+25 09.4	16.7	-1.27	+13.7	18.7/31.4	47785
1999 RW ₂₈	2003 08 28.3	22 25.79	-17 49.8	17.8	-1.25	+ 3.1	3.1/26.8	8084
2002 FW	2003 08 28.3	22 25.80	+02 09.9	20.1	-0.71	- 8.8	3.8/01.8	30728
2000 WT ₁₃₇	2003 08 28.3	22 25.81	-14 51.6	18.8	-1.00	- 4.6	2.2/26.9	33320
1998 RM ₄₈	2003 08 28.3	22 25.84	-06 18.3	18.9	-0.78	- 4.0	1.1/29.4	31825
2000 WS ₁₃₇	2003 08 28.3	22 25.86	-08 22.2	17.7	-0.99	- 3.7	0.6/28.8	34978
2002 EZ ₁₂	2003 08 28.3	22 25.92	-03 56.0	20.3	-0.97	- 6.6	2.3/30.2	48216
1998 TE ₁₈	2003 08 28.3	22 25.94	+14 22.9	19.0	-0.72	- 5.1	7.4/05.8	31838
1999 VX ₁₂₃	2003 08 28.3	22 25.98	+07 38.3	19.6	-0.72	- 5.0	4.7/03.3	33839
2002 GT ₂₅	2003 08 28.3	22 26.00	-05 08.7	18.6	-0.85	- 2.8	1.6/29.7	33978
2000 YZ ₂₅	2003 08 28.3	22 26.04	-37 22.0	20.4	-0.99	- 5.3	8.7/18.9	31370
1998 FL ₉₀	2003 08 28.3	22 26.09	-23 32.8	16.7	-1.11	- 1.1	6.6/24.7	30266
2000 AS ₇₆	2003 08 28.4	22 26.00	-19 24.1	18.8	-0.75	- 5.4	2.8/25.2	13109
2002 CX ₁₄₁	2003 08 28.4	22 26.05	-01 00.4	18.4	-0.86	- 7.5	3.3/31.4	29839
2002 GO ₅₄	2003 08 28.4	22 26.11	-01 19.2	18.6	-0.92	- 4.3	3.3/31.0	48228
2001 YW ₃	2003 08 28.4	22 26.13	-48 52.4	20.4	-1.33	-10.3	15.7/12.0	30592
2002 AD ₆₄	2003 08 28.4	22 26.20	-06 40.1	18.7	-1.05	- 2.6	1.2/29.3	27805
1998 YH ₅	2003 08 28.4	22 26.27	-18 41.4	18.3	-0.67	-17.0	3.1/24.7	<i>34035</i>
2001 CF ₁₀	2003 08 28.4	22 26.27	-15 56.4	18.8	-0.79	- 6.6	2.4/26.4	30449
2002 GQ ₇₈	2003 08 28.4	22 26.32	-21 38.2	18.8	-0.82	- 9.1	4.0/24.3	31549
2000 AP ₄	2003 08 28.4	22 26.39	-02 05.9	18.7	-0.73	- 4.6	2.2/30.9	<i>39567</i>
2000 SM ₄₃	2003 08 28.4	22 26.41	-15 42.6	18.8	-0.96	- 7.8	2.4/26.6	29323
1999 VR ₉₉	2003 08 28.4	22 26.42	-01 44.0	18.8	-0.78	- 5.6	3.1/31.1	29175
1999 UF ₄	2003 08 28.4	22 26.43	-13 09.0	18.4	-0.80	- 6.1	1.4/27.4	<i>40384</i>
1999 UW ₄₀	2003 08 28.4	22 26.43	-28 54.1	19.9	-0.97	- 1.7	5.8/23.0	12185
1999 LN ₅	2003 08 28.5	22 26.42	-36 39.3	20.7	-1.03	- 9.9	10.3/18.8	25750

2002 EV ₁₀₈	2003 08 28.5	22 26.48	-21 39.7	18.5	-0.93	- 6.8	4.8/24.7	31982
2000 WH ₇₈	2003 08 28.5	22 26.51	-09 06.1	20.3	-0.98	- 4.9	0.3/28.7	8266
1999 VC ₁₈₄	2003 08 28.5	22 26.53	-14 00.0	19.8	-0.81	- 5.2	1.4/27.2	33841
1993 PB ₂	2003 08 28.5	22 26.55	-03 18.1	19.5	-1.07	- 3.2	2.6/30.3	31803
1999 XU ₁₉₃	2003 08 28.5	22 26.60	-03 36.5	18.7	-0.84	- 2.2	2.0/30.3	47835
2002 JA ₆₈	2003 08 28.5	22 26.65	-29 16.2	20.3	-1.06	- 1.7	6.8/23.2	30210
2000 EJ ₁₁₂	2003 08 28.5	22 26.66	-09 48.0	19.1	-0.75	- 4.2	0.0/28.6	25018
1999 TB ₁₂₈	2003 08 28.5	22 26.70	+02 27.2	18.9	-0.79	- 6.0	3.7/01.6	47807
2000 WA ₁₃₇	2003 08 28.5	22 26.72	-06 20.4	18.7	-0.90	- 8.4	1.4/29.7	10647
2002 EF ₇₀	2003 08 28.5	22 26.76	-14 11.8	18.6	-1.01	- 2.4	1.8/27.4	31979
2002 EJ ₁₂₈	2003 08 28.5	22 26.77	-19 05.8	19.7	-0.95	- 5.4	3.8/25.7	48223
2002 EP ₉₁	2003 08 28.5	22 26.78	-13 42.7	20.1	-0.95	- 4.3	1.5/27.4	48221
2002 EE ₅₅	2003 08 28.5	22 26.80	-08 13.4	18.7	-1.01	- 3.0	0.6/29.0	30711
1998 FM ₁₃₃	2003 08 28.6	22 26.72	-14 42.5	19.2	-0.99	- 4.3	1.8/27.2	30267
2002 GB ₉	2003 08 28.6	22 26.73	-12 42.5	20.3	-0.78	- 5.3	1.0/27.7	30128
2000 VN ₅₆	2003 08 28.6	22 26.74	-13 38.6	17.0	-1.01	- 4.1	1.8/27.5	29524
2001 BU ₇₇	2003 08 28.6	22 26.77	+11 42.6	21.0	-0.71	- 3.8	4.9/04.8	12283
2000 AE ₇₀	2003 08 28.6	22 26.78	+01 19.2	18.2	-0.78	- 4.7	3.5/32.0	14182
1998 HW ₃₇	2003 08 28.6	22 26.80	-06 38.8	20.2	-0.91	- 4.4	1.1/29.5	47729
1999 XN ₁₆₉	2003 08 28.6	22 26.80	-02 14.5	16.8	-0.88	- 2.1	3.0/30.7	31886
2002 JU ₁₈	2003 08 28.6	22 26.92	-21 05.8	19.4	-0.85	- 5.0	3.7/25.1	48233
2000 XD ₅₂	2003 08 28.6	22 26.92	-11 00.4	16.7	-1.01	- 1.4	0.6/28.3	30438
2002 JV ₁₆	2003 08 28.6	22 27.08	-05 30.6	19.5	-0.77	- 7.2	1.3/30.1	32016
1999 RJ ₁₀₈	2003 08 28.6	22 27.12	-00 25.2	18.4	-1.00	- 1.2	3.4/31.1	30308
1999 XM ₁₂₁	2003 08 28.7	22 27.11	-03 00.0	18.9	-0.82	- 3.9	2.4/30.7	47832
1999 VO ₉₉	2003 08 28.7	22 27.12	+13 55.8	18.2	-0.76	- 6.2	7.6/06.5	31877
1999 VX ₇₀	2003 08 28.7	22 27.14	-10 25.2	18.6	-0.81	- 5.1	0.3/28.5	30333
2001 GT ₁	2003 08 28.7	22 27.19	-08 57.7	20.8	-0.75	- 4.4	0.2/29.0	48027
2002 JU ₁₃₂	2003 08 28.7	22 27.20	-02 55.4	19.0	-0.96	- 6.0	2.5/30.8	35578
1999 VZ ₆₇	2003 08 28.7	22 27.21	-07 48.4	18.5	-0.80	- 5.5	0.7/29.3	47821
2000 WE ₈	2003 08 28.7	22 27.22	-17 31.2	18.5	-0.89	- 7.8	3.0/26.2	30423
2000 WR ₁₁₃	2003 08 28.7	22 27.30	-01 34.8	18.5	-0.97	- 2.0	3.9/30.9	47991
2000 XS ₄₅	2003 08 28.7	22 27.31	+03 59.3	18.3	-1.27	+ 2.5	5.2/31.5	12260
1998 BP ₃₄	2003 08 28.7	22 27.32	-12 41.8	19.3	-0.94	- 4.6	1.2/27.9	28971
1998 QP ₄₆	2003 08 28.7	22 27.33	-09 38.3	17.5	-0.90	- 0.9	0.0/28.8	47735
2002 EE ₈₅	2003 08 28.7	22 27.35	-11 08.4	20.4	-0.94	- 5.0	0.5/28.3	48221
2002 KL ₁₂	2003 08 28.7	22 27.36	-10 49.9	18.2	-0.67	- 8.6	0.4/28.3	33593
2002 FH ₃₄	2003 08 28.7	22 27.40	-25 25.5	19.5	-0.95	- 4.4	5.5/24.0	30115
1998 VJ ₁₆	2003 08 28.7	22 27.48	-36 03.1	18.5	-0.88	- 2.4	10.0/19.8	47755
1999 TU ₃₁	2003 08 28.8	22 27.45	-06 47.4	18.6	-0.84	- 5.0	1.0/29.7	33827
2000 UX ₈₀	2003 08 28.8	22 27.46	-19 34.9	18.5	-0.98	- 3.9	4.5/25.9	47980
2001 EA ₂	2003 08 28.8	22 27.46	-25 37.9	18.6	-0.73	- 6.7	4.4/23.2	31405
1998 SW ₂₅	2003 08 28.8	22 27.54	-09 39.9	17.3	-0.68	- 7.2	0.0/28.8	47743
1999 TL ₂₁₆	2003 08 28.8	22 27.56	-17 18.9	18.5	-0.85	- 5.1	2.7/26.4	31870
2000 XT ₃₃	2003 08 28.8	22 27.57	-25 11.8	18.2	-0.99	- 2.6	5.0/24.3	18306
1998 TN ₂₂	2003 08 28.8	22 27.58	-05 03.7	20.0	-0.71	- 4.7	1.3/30.3	47752
2002 GS ₁₄₃	2003 08 28.8	22 27.60	-10 55.1	19.4	-0.79	- 3.9	0.4/28.4	48231
2002 CG ₂₄₈	2003 08 28.8	22 27.63	-02 33.5	17.8	-0.79	-11.7	2.7/31.5	41764
2001 EL ₁₄	2003 08 28.8	22 27.66	-25 07.2	19.0	-0.78	- 4.8	4.5/23.7	33900
1999 JY ₅	2003 08 28.8	22 27.70	-51 20.3	18.6	-1.19	- 4.6	16.2/12.8	47777
2001 ER ₂₀	2003 08 28.8	22 27.71	-04 38.5	20.3	-0.87	- 6.4	1.8/30.4	48016

2002 JX ₃₁	2003 08 28.8	22 27.72	-13 44.0	20.0	-0.95	- 5.6	1.5/27.6	31649
1998 FB ₂₇	2003 08 28.8	22 27.75	-08 29.2	19.2	-0.97	- 4.0	0.4/29.2	30263
2002 GY ₂₁	2003 08 28.8	22 27.75	-11 32.9	20.4	-0.92	- 4.4	0.7/28.3	48227
2000 WF ₁₃₀	2003 08 28.8	22 27.80	-18 03.3	20.3	-0.87	- 5.0	2.6/26.3	47992
2002 JY ₈₂	2003 08 28.8	22 27.83	-00 23.6	19.1	-0.89	- 6.2	3.5/31.8	34002
2000 WF ₉₈	2003 08 28.8	22 27.86	+01 07.6	17.2	-0.91	- 3.1	4.9/32.0	29566
2000 UZ ₅₆	2003 08 28.9	22 27.87	-07 34.5	19.4	-1.12	- 2.1	0.8/29.4	47978
1999 TY ₉₃	2003 08 28.9	22 27.88	-10 03.1	17.7	-0.80	- 7.4	0.2/28.8	30320
1999 VK ₈₀	2003 08 28.9	22 27.90	+02 54.6	18.2	-0.77	- 6.8	4.5/02.2	31299
2002 ED ₁₃	2003 08 28.9	22 27.94	-13 11.0	20.2	-0.93	- 5.0	1.3/27.9	48216
2000 YZ ₇₃	2003 08 28.9	22 27.94	-16 18.2	20.8	-0.85	- 5.9	1.9/26.8	18308
1998 SV ₁₂₇	2003 08 28.9	22 28.05	-12 04.1	18.1	-0.71	- 6.8	0.9/28.1	35458
2002 JF ₁₃₆	2003 08 28.9	22 28.06	-08 12.2	21.0	-0.91	- 5.5	0.5/29.4	35197
1999 TM ₁₈₄	2003 08 28.9	22 28.09	-02 52.9	17.5	-1.09	+ 4.0	3.2/30.3	12175
2000 WP ₁₈₈	2003 08 28.9	22 28.10	+00 42.4	18.0	-0.94	- 4.8	4.7/01.1	30434
2001 DN ₇	2003 08 28.9	22 28.11	-15 09.7	17.7	-0.82	- 9.5	1.9/27.0	13812
2002 GB ₅₆	2003 08 28.9	22 28.12	-08 08.7	17.8	-0.72	- 4.7	0.5/29.4	48228
2002 JB ₅₈	2003 08 28.9	22 28.12	-14 21.1	17.9	-0.81	- 4.5	1.7/27.5	33999
2001 DH ₃₈	2003 08 28.9	22 28.13	+00 31.8	18.0	-1.01	- 2.4	4.5/31.6	20837
2000 HB ₈₄	2003 08 28.9	22 28.14	-47 59.5	18.8	-1.08	- 3.2	9.5/14.0	1638
1999 XO ₁₁₀	2003 08 28.9	22 28.17	+17 02.5	19.1	-0.86	- 2.7	10.3/06.2	2699
2002 GD ₁₀₃	2003 08 28.9	22 28.20	-22 08.5	19.3	-1.05	- 3.8	4.9/25.4	31576
2002 EP ₆	2003 08 28.9	22 28.21	-09 40.9	20.0	-0.95	- 5.4	0.0/29.0	48215
1998 OG ₁	2003 08 28.9	22 28.22	+04 31.7	18.4	-0.89	- 2.5	4.5/02.1	10858
1999 TF ₂₁₄	2003 08 28.9	22 28.23	-20 09.9	19.3	-0.91	- 3.6	3.8/25.8	31287
2002 GK ₉	2003 08 28.9	22 28.23	+07 13.5	19.7	-0.79	- 8.9	5.4/04.1	30735
1998 HE ₁₁₁	2003 08 28.9	22 28.24	-15 31.6	19.3	-0.87	- 6.3	2.0/27.1	38185
2002 JT ₁₆	2003 08 29.0	22 28.22	+00 01.1	19.2	-0.77	- 8.8	3.1/01.4	32016
2002 JD ₁₀₁	2003 08 29.0	22 28.27	-07 15.9	17.6	-0.75	-13.1	0.8/29.9	34003
1999 JV ₄₀	2003 08 29.0	22 28.30	-00 26.5	16.8	-0.85	- 8.9	4.0/01.2	47779
1999 TZ ₃₀₉	2003 08 29.0	22 28.32	-07 40.4	17.9	-0.76	- 9.5	0.8/29.7	14792
2002 HC ₇	2003 08 29.0	22 28.32	-15 01.5	20.3	-0.96	- 5.8	1.9/27.4	30742
2000 AZ ₂₄	2003 08 29.0	22 28.37	+00 37.1	18.5	-0.79	- 3.0	3.3/01.1	27657
1998 TJ ₃₂	2003 08 29.0	22 28.38	-02 13.0	17.8	-0.75	- 4.5	2.4/31.4	40343
1999 RR ₈₂	2003 08 29.0	22 28.39	-00 02.4	18.5	-0.83	- 8.0	4.0/01.4	47790
2000 VG ₁₃	2003 08 29.0	22 28.41	-24 36.4	19.6	-1.08	- 5.8	6.0/24.3	13795
2002 CQ ₈₁	2003 08 29.0	22 28.42	-14 39.0	19.0	-0.94	- 8.5	2.0/27.4	30653
2000 CL ₃₅	2003 08 29.0	22 28.50	-09 21.5	18.8	-0.68	- 5.4	0.1/29.1	47849
2000 SW ₃₉	2003 08 29.0	22 28.51	-11 11.4	18.8	-0.95	- 8.4	0.7/28.5	30387
1998 SP ₉₂	2003 08 29.0	22 28.53	-25 31.0	18.5	-1.02	+ 1.1	5.7/25.2	47747
1999 UT ₁₆	2003 08 29.0	22 28.53	-00 28.1	18.6	-0.81	- 5.0	3.2/32.0	35485
2001 EE ₁₇	2003 08 29.0	22 28.55	-43 55.2	20.2	-0.89	- 4.0	8.0/16.6	13821
2002 JH ₂₁	2003 08 29.1	22 28.55	-08 34.1	20.1	-0.93	- 5.4	0.3/29.4	31635
2000 XX ₄₁	2003 08 29.1	22 28.55	+21 06.7	18.2	-1.32	+ 5.1	12.5/03.9	12259
1999 WG ₃	2003 08 29.1	22 28.56	-14 22.2	19.5	-0.80	- 4.9	1.5/27.6	47826
1999 TH ₁₁₁	2003 08 29.1	22 28.60	+09 55.1	18.2	-0.79	- 6.7	6.6/04.9	33829
2000 SB ₁₂₃	2003 08 29.1	22 28.60	-11 18.1	18.3	-0.95	- 7.0	0.7/28.6	30393
2002 CV ₉₅	2003 08 29.1	22 28.66	-09 50.0	19.0	-0.96	- 3.2	0.1/29.0	30657
1996 UJ ₁	2003 08 29.1	22 28.69	-15 30.1	17.9	-0.83	- 5.2	3.1/27.2	9048
2001 CD ₂₈	2003 08 29.1	22 28.81	-25 41.2	18.3	-0.87	- 7.0	5.6/23.6	31396
2001 FG ₁₆₄	2003 08 29.1	22 28.82	-19 02.9	20.4	-0.77	- 4.0	2.7/26.2	31411

2000 BV ₃₂	2003 08 29.1	22 28.89	-09 57.7	20.6	-0.73	- 4.1	0.1/29.0	13142
2001 EY ₁₅	2003 08 29.1	22 28.96	-42 32.3	18.3	-0.99	- 1.6	9.2/18.0	31942
2001 BZ ₅₁	2003 08 29.1	22 28.97	-12 38.4	19.5	-0.82	- 5.9	1.1/28.2	48007
2000 WH ₁₅₉	2003 08 29.1	22 28.98	+27 56.5	18.4	-1.05	- 0.4	12.3/10.2	11006
2000 XE ₂₂	2003 08 29.1	22 28.99	-08 49.2	17.4	-1.03	- 0.4	0.3/29.4	30436
2001 BY ₆₆	2003 08 29.2	22 28.96	-16 21.7	19.2	-0.71	- 6.1	1.9/26.9	31393
2000 TZ ₁₅	2003 08 29.2	22 29.04	-14 17.1	19.1	-1.00	- 4.8	2.1/27.8	47971
1998 HL ₃₆	2003 08 29.2	22 29.04	-24 04.7	17.8	-1.11	- 4.2	5.4/24.9	38185
2002 EE ₈₀	2003 08 29.2	22 29.04	-15 37.6	19.1	-1.06	- 2.9	2.5/27.6	30716
1999 RM ₉₇	2003 08 29.2	22 29.09	-14 12.8	19.1	-0.82	- 7.6	1.8/27.7	30308
2000 SP ₈₂	2003 08 29.2	22 29.11	-22 15.9	18.3	-1.05	- 4.5	4.8/25.5	31914
2001 BH ₈₀	2003 08 29.2	22 29.23	-25 53.8	19.3	-0.88	- 5.9	5.2/23.9	31937
1998 RE ₇₁	2003 08 29.2	22 29.23	-12 21.8	19.0	-0.75	- 5.9	0.9/28.3	47741
1999 NK ₂₂	2003 08 29.2	22 29.24	-36 21.1	17.8	-0.97	-10.9	10.3/19.2	27626
1996 TW ₂₈	2003 08 29.3	22 29.29	-09 10.9	18.6	-0.84	- 9.2	0.1/29.4	47705
1999 VL ₁₈₆	2003 08 29.3	22 29.34	-08 36.9	19.7	-0.84	- 6.0	0.3/29.6	14378
1998 FT ₁₀₆	2003 08 29.3	22 29.37	-06 41.6	19.0	-0.98	- 3.4	1.0/30.1	47727
2002 AE ₂₇	2003 08 29.3	22 29.42	-16 27.4	20.1	-0.91	- 7.3	2.4/27.1	48185
1999 TW ₁₂₈	2003 08 29.3	22 29.44	-07 42.1	19.3	-0.90	- 4.4	0.6/29.9	12172
2002 JR ₈₄	2003 08 29.3	22 29.44	+01 40.4	17.3	-0.88	- 5.3	4.7/01.8	34002
2000 WS ₃₆	2003 08 29.3	22 29.49	+00 32.9	18.1	-0.79	- 7.9	5.0/01.8	33308
2000 YR ₁₂₇	2003 08 29.3	22 29.50	-00 16.2	20.1	-0.98	- 1.9	3.0/31.8	48002
2002 CC ₂₂₁	2003 08 29.3	22 29.53	-16 24.6	20.0	-1.06	- 3.4	2.6/27.4	30685
1998 SN ₁₃₃	2003 08 29.3	22 29.53	-03 30.8	19.3	-0.74	- 5.0	1.8/31.3	47750
1993 FA ₉	2003 08 29.3	22 29.67	-12 43.9	19.9	-0.86	- 6.3	1.0/28.3	13537
2000 SG ₅₇	2003 08 29.4	22 29.64	-09 46.9	18.9	-1.07	- 4.0	0.1/29.3	31914
2000 YF ₁₀₁	2003 08 29.4	22 29.68	-19 52.0	17.1	-0.88	-10.7	4.4/25.6	31932
2001 DU ₁₄	2003 08 29.4	22 29.75	-12 11.3	19.7	-0.84	- 1.5	0.7/28.7	12294
2001 CJ ₄₅	2003 08 29.4	22 29.76	-26 21.6	18.6	-0.83	-10.6	4.9/23.0	33370
2001 XC ₁₀₃	2003 08 29.4	22 29.78	-53 38.7	19.9	-1.37	- 5.7	19.7/12.0	27316
1999 TJ ₁₂₆	2003 08 29.4	22 29.84	+05 34.4	18.8	-0.70	-11.1	5.9/04.3	33830
2002 LH ₃₉	2003 08 29.4	22 29.85	-05 44.7	19.4	-0.69	- 6.5	1.1/30.7	33621
1999 TV ₂₃	2003 08 29.4	22 29.86	-11 40.2	20.0	-0.86	- 5.3	0.8/28.8	14139
2000 VS ₁₀	2003 08 29.4	22 29.86	-14 51.5	19.2	-0.95	- 5.4	1.9/27.8	30419
2001 CH ₄₅	2003 08 29.4	22 29.87	-31 25.0	18.2	-0.77	- 5.3	6.0/21.8	35540
2000 UB ₂₉	2003 08 29.4	22 29.88	-10 46.1	18.9	-0.95	- 6.3	0.6/29.0	35535
1992 RB ₁	2003 08 29.4	22 29.88	-12 17.2	17.6	-0.91	- 3.0	1.4/28.6	30243
1999 TF ₂₆	2003 08 29.4	22 29.97	-03 55.0	18.6	-0.82	- 5.5	2.0/31.2	47801
2002 GL ₁₄₄	2003 08 29.4	22 29.99	-36 10.6	17.8	-0.89	- 4.5	9.5/20.2	32009
2000 YH ₈₀	2003 08 29.4	22 30.05	-08 08.8	19.8	-0.93	- 4.9	0.4/29.9	9524
1999 VL ₆₂	2003 08 29.5	22 30.05	-06 26.7	19.2	-0.84	- 5.4	1.1/30.4	47820
2000 WN ₁₉₃	2003 08 29.5	22 30.05	-07 43.0	20.4	-1.05	- 3.4	0.7/30.0	29601
2000 UD ₃₅	2003 08 29.5	22 30.08	-12 50.9	19.1	-1.03	- 4.5	1.3/28.5	31344
1996 XC ₄	2003 08 29.5	22 30.13	-11 30.2	21.6	-0.97	- 5.4	0.8/28.9	8018
2000 SE ₁₄₉	2003 08 29.5	22 30.16	-14 37.7	17.9	-1.03	- 4.4	2.1/28.0	31915
2000 SA ₂₇₇	2003 08 29.5	22 30.16	-23 40.4	17.4	-1.03	- 0.1	7.5/25.8	30403
2002 GZ ₈₃	2003 08 29.5	22 30.25	-16 54.2	19.5	-0.84	- 5.8	2.7/27.2	31555
1998 QC ₈₇	2003 08 29.5	22 30.36	+06 26.4	18.0	-0.78	- 3.5	5.6/03.6	33773
2001 BC ₅₀	2003 08 29.5	22 30.40	-11 15.1	19.6	-0.76	- 7.8	0.5/28.9	13807
1998 FQ ₂₆	2003 08 29.5	22 30.44	-13 48.2	18.6	-0.93	- 5.4	1.6/28.2	31812
2002 JU ₄₇	2003 08 29.6	22 30.43	+03 30.6	18.7	-0.84	- 3.9	4.3/02.6	31671

1999 TQ ₇₂	2003 08 29.6	22 30.47	-09 41.7	18.7	-0.80	- 5.8	0.1/29.5	11577
2000 SX ₃₀₆	2003 08 29.6	22 30.47	-05 52.0	17.9	-0.98	- 5.0	1.3/30.7	34966
2002 EB ₁₁	2003 08 29.6	22 30.54	-09 08.3	19.0	-0.90	- 6.4	0.1/29.7	30703
1997 PA ₄	2003 08 29.6	22 30.54	+14 31.7	17.1	-1.07	+ 4.4	8.8/03.5	47714
2000 WT ₁₆₇	2003 08 29.6	22 30.57	-04 12.7	19.6	-0.85	- 8.7	2.1/31.4	47993
2000 SN ₁₁₉	2003 08 29.6	22 30.63	-22 32.9	18.4	-1.05	- 4.4	5.2/25.8	47951
1999 JE ₁₃₆	2003 08 29.6	22 30.66	-08 08.1	19.3	-0.97	- 6.3	0.5/30.0	47782
1998 SC ₂₉	2003 08 29.6	22 30.67	-18 17.1	19.2	-0.82	- 3.1	3.0/27.0	47744
1999 TH ₂₅	2003 08 29.6	22 30.67	-27 05.2	18.3	-1.08	+ 1.2	7.7/25.2	47801
2002 JS ₅	2003 08 29.6	22 30.69	-33 00.6	18.7	-0.81	- 4.4	7.9/21.7	32014
2000 XQ ₃₁	2003 08 29.6	22 30.70	-21 35.6	17.5	-1.05	- 2.2	5.5/26.3	30437
2000 RK ₄₇	2003 08 29.6	22 30.73	-04 08.5	17.5	-0.98	- 2.1	2.6/31.1	30381
1999 TD ₁₆₇	2003 08 29.6	22 30.77	+03 25.7	19.4	-0.82	- 5.4	4.2/02.8	47808
1999 WX ₁₆	2003 08 29.6	22 30.82	-21 25.1	19.6	-0.94	- 2.6	4.4/26.2	31880
1997 BL	2003 08 29.7	22 30.74	-19 27.2	19.0	-0.89	- 6.3	3.2/26.4	12115
2002 GV ₁₀₉	2003 08 29.7	22 30.78	-36 47.7	17.5	-0.93	- 6.0	11.3/19.2	33986
2001 XB ₄₈	2003 08 29.7	22 30.89	-04 17.5	18.2	-1.30	- 0.4	2.2/30.9	30567
2001 XJ ₄₇	2003 08 29.7	22 30.92	+19 58.1	17.7	-1.68	+10.1	15.7/03.0	30566
2000 DD ₈	2003 08 29.7	22 30.92	-10 47.8	18.8	-0.72	- 4.9	0.4/29.3	47854
1999 JT ₅₁	2003 08 29.7	22 30.98	+02 25.3	18.2	-0.90	- 7.0	5.1/02.7	47779
2000 VA ₂₆	2003 08 29.7	22 31.02	-19 47.2	19.4	-1.00	- 4.2	3.8/26.7	31921
1999 UZ ₆₀	2003 08 29.7	22 31.03	+10 08.2	17.8	-1.05	+ 2.9	8.6/03.0	47818
1999 TR ₂₆₂	2003 08 29.7	22 31.06	+12 58.8	17.9	-0.94	- 0.9	8.3/05.0	41582
2000 VQ ₅₅	2003 08 29.7	22 31.08	-12 44.4	17.6	-0.96	- 0.7	1.8/28.9	47986
2001 DA ₆	2003 08 29.7	22 31.11	-18 22.3	19.0	-0.70	- 7.3	2.3/26.6	12292
2000 WU ₁₃₄	2003 08 29.7	22 31.13	-08 04.9	19.2	-1.02	- 2.7	0.5/30.1	47992
1998 KX ₁₉	2003 08 29.7	22 31.13	+05 58.2	19.4	-0.79	- 8.2	5.2/04.3	47732
2001 CW ₃₄	2003 08 29.8	22 31.10	-28 56.0	18.7	-0.90	- 2.1	6.0/23.9	33896
1999 RH ₁₂₅	2003 08 29.8	22 31.14	-05 20.8	18.9	-0.76	- 8.0	1.7/31.2	35477
2002 JQ ₁₂₇	2003 08 29.8	22 31.19	-08 19.4	18.4	-0.81	- 7.4	0.4/30.1	41766
1998 RM ₇₆	2003 08 29.8	22 31.19	-23 23.8	18.2	-0.88	- 2.1	4.5/25.7	47742
2001 XG ₃₀	2003 08 29.8	22 31.25	+28 16.4	19.0	-1.31	+ 1.5	16.9/09.6	33505
1999 VW ₁₅₉	2003 08 29.8	22 31.25	-13 59.2	19.2	-0.87	- 3.8	1.5/28.4	47824
2001 FG ₃₄	2003 08 29.8	22 31.25	-08 35.9	18.9	-0.86	- 6.7	0.2/30.1	48019
1999 XY ₂₅₆	2003 08 29.8	22 31.28	-24 45.9	18.7	-0.86	- 2.9	4.7/25.1	31887
2000 YP ₄₆	2003 08 29.8	22 31.34	-07 44.9	17.5	-0.85	- 5.2	0.8/30.3	33339
1999 XF ₁₄₈	2003 08 29.8	22 31.34	-12 14.2	20.3	-0.80	- 4.8	0.9/28.9	47833
2001 CB ₄₈	2003 08 29.8	22 31.34	-11 58.8	19.4	-0.72	- 7.5	0.9/28.9	35011
2000 WC ₁₀₃	2003 08 29.8	22 31.36	-08 17.3	17.9	-0.85	-10.2	0.4/30.2	9877
2002 ER ₇	2003 08 29.8	22 31.36	-03 58.8	20.3	-0.83	-15.9	2.0/01.0	48215
2002 GE ₄₆	2003 08 29.8	22 31.39	-21 18.2	19.1	-1.00	- 3.7	4.6/26.4	31519
2002 GZ ₅₂	2003 08 29.8	22 31.40	-09 20.9	19.9	-0.91	- 6.9	0.0/29.8	48228
2002 LZ ₃₂	2003 08 29.8	22 31.45	+13 26.8	19.5	-0.73	- 8.8	7.2/07.5	48239
2000 UH ₁₀₉	2003 08 29.8	22 31.45	-23 50.4	19.2	-0.97	- 7.5	6.0/25.0	31346
1996 RL ₂₆	2003 08 29.8	22 31.45	+01 00.5	19.1	-0.87	- 6.8	4.6/02.3	47704
1998 QN ₈₇	2003 08 29.8	22 31.47	+09 39.5	17.6	-0.73	- 5.1	6.9/05.4	31822
2000 TJ ₁₅	2003 08 29.8	22 31.48	-14 00.5	19.6	-1.03	- 4.2	2.0/28.5	47971
2002 FS ₁₆	2003 08 29.8	22 31.50	-16 46.0	19.6	-1.00	- 3.0	2.9/27.8	48225
2001 FF ₆₉	2003 08 29.8	22 31.51	-08 24.9	19.5	-0.72	- 6.7	0.2/30.2	48021
6705 P-L	2003 08 29.8	22 31.55	-19 00.4	18.9	-1.05	- 3.8	3.6/27.1	48388
2000 AN ₈₇	2003 08 29.9	22 31.54	+01 01.2	19.0	-0.81	- 2.5	3.3/01.9	33184

2002 CA ₈₃	2003 08 29.9	22 31.64	-14 39.9	19.6	-0.95	- 4.9	2.2/28.3	48202
2002 GJ ₁₀₂	2003 08 29.9	22 31.67	-04 25.6	18.1	-0.74	- 9.2	1.6/31.7	31575
2002 GM ₉₃	2003 08 29.9	22 31.70	-10 34.9	19.1	-1.01	- 3.9	0.5/29.6	31565
2002 AS ₆₄	2003 08 29.9	22 31.71	-08 43.4	18.5	-0.91	- 8.4	0.2/30.1	48187
2002 JS ₉₁	2003 08 29.9	22 31.81	+02 37.1	19.6	-0.87	- 5.8	4.2/02.8	33570
2000 WF ₂₉	2003 08 29.9	22 31.83	-49 08.9	20.4	-1.12	- 4.2	11.0/14.9	31923
2000 RL ₅₆	2003 08 29.9	22 31.90	-08 17.3	17.0	-1.07	- 1.7	0.4/30.2	25840
2002 EM ₁₂₁	2003 08 30.0	22 31.85	-11 15.3	20.3	-0.98	- 4.7	0.7/29.4	31984
2002 JS ₂₁	2003 08 30.0	22 31.86	-47 19.5	19.4	-1.00	- 1.8	12.0/16.0	32017
2000 YQ ₁₃₂	2003 08 30.0	22 31.87	+04 47.1	19.1	-0.89	- 1.7	4.1/03.0	13803
2001 AG ₄₅	2003 08 30.0	22 31.87	-06 25.7	18.3	-0.85	- 1.3	0.8/30.8	27763
1999 TG ₁₈₈	2003 08 30.0	22 32.02	-15 24.7	16.6	-1.15	+ 6.4	3.1/29.0	33108
1999 RG ₃₀	2003 08 30.0	22 32.06	-03 17.2	17.5	-1.21	+ 3.3	2.4/31.2	10889
2001 FM ₅₅	2003 08 30.0	22 32.09	+16 46.5	19.4	-0.68	- 5.5	6.3/08.6	13309
2000 UA ₃₅	2003 08 30.0	22 32.16	+02 49.5	18.6	-0.92	- 6.5	4.7/02.9	31918
2002 JU ₁₃₃	2003 08 30.0	22 32.17	-11 35.8	18.7	-0.80	- 3.2	0.7/29.4	33584
2002 CM ₉₉	2003 08 30.0	22 32.24	-13 30.8	18.5	-0.95	- 5.5	1.6/28.8	30658
2000 AR ₂₀₄	2003 08 30.0	22 32.25	-07 14.2	17.8	-0.76	-10.3	0.7/30.8	2324
2000 YY ₆	2003 08 30.0	22 32.25	-11 31.8	20.6	-0.89	- 4.4	0.7/29.4	11012
2001 CZ ₁₃	2003 08 30.1	22 32.19	-11 05.3	19.9	-0.86	- 3.1	0.6/29.6	13810
1997 CE ₂₆	2003 08 30.1	22 32.20	-19 41.0	17.0	-0.85	-26.5	4.6/25.5	10838
2002 FK ₉	2003 08 30.1	22 32.24	-08 19.0	19.1	-1.08	- 3.1	0.4/30.3	30730
2000 YU ₁₀	2003 08 30.1	22 32.26	-06 37.6	19.9	-0.86	- 3.1	0.8/30.9	47998
1999 TE ₁₀	2003 08 30.1	22 32.27	-04 48.3	19.5	-0.89	- 4.7	1.6/31.4	47800
2002 GB ₇₂	2003 08 30.1	22 32.27	-00 11.2	19.3	-0.70	-10.6	3.4/02.5	48228
2002 GW ₈₄	2003 08 30.1	22 32.29	-24 42.7	19.2	-0.93	- 5.0	5.7/25.2	31556
2000 WF ₄₅	2003 08 30.1	22 32.29	-19 49.0	18.4	-0.94	- 6.4	4.6/26.7	31923
2000 XB ₄₉	2003 08 30.1	22 32.30	-18 52.2	18.7	-0.90	- 3.6	3.0/27.2	31929
2002 JB ₁₃₅	2003 08 30.1	22 32.30	-16 39.2	20.2	-0.99	- 3.7	2.6/28.0	48237
1999 TB ₂₉	2003 08 30.1	22 32.30	-03 43.4	17.8	-0.79	- 6.5	2.2/31.9	31865
1999 YO ₆	2003 08 30.1	22 32.32	-37 17.1	18.5	-1.04	- 1.1	9.3/21.2	13641
1999 XJ ₂₄₂	2003 08 30.1	22 32.35	-28 06.3	20.6	-0.83	- 3.2	5.0/24.0	47836
2002 KV ₈	2003 08 30.1	22 32.41	+04 35.7	20.0	-0.70	- 6.6	4.3/04.0	48238
2000 VS ₅₇	2003 08 30.1	22 32.44	+00 54.1	18.9	-0.93	- 4.5	3.5/02.2	47986
1999 RA ₁₈₁	2003 08 30.1	22 32.46	-11 51.2	18.2	-0.71	- 9.4	1.2/29.2	47795
2000 RY ₇	2003 08 30.1	22 32.47	-03 17.5	18.1	-0.89	- 8.2	2.3/01.1	47931
2002 EH ₁₂	2003 08 30.1	22 32.47	-14 56.0	20.0	-1.00	- 5.0	2.2/28.5	48216
2002 EZ ₂₅	2003 08 30.1	22 32.52	-08 16.2	19.5	-0.94	- 4.2	0.3/30.4	30705
2002 JG ₂₅	2003 08 30.1	22 32.53	-08 45.4	19.9	-0.84	- 6.2	0.1/30.3	32018
1994 JO ₄	2003 08 30.1	22 32.55	-16 28.4	20.7	-0.91	- 4.7	2.6/28.0	33000
2002 JC ₁₂₅	2003 08 30.1	22 32.56	-30 09.8	19.8	-0.95	- 4.1	6.9/23.6	34006
2000 VO ₆₁	2003 08 30.2	22 32.57	-35 18.0	18.9	-1.29	+ 0.7	7.5/23.5	19904
1999 TP ₂₁₄	2003 08 30.2	22 32.60	-05 31.5	18.6	-0.77	- 6.7	1.5/31.4	30325
2002 FP ₁₆	2003 08 30.2	22 32.62	+03 31.7	19.5	-0.86	-13.6	4.2/04.0	31988
1999 VW ₁₂₁	2003 08 30.2	22 32.63	-08 20.7	19.9	-0.78	- 5.3	0.3/30.5	47823
2001 FG ₁₃₁	2003 08 30.2	22 32.72	-14 43.5	19.5	-0.75	- 4.5	1.6/28.5	48025
2000 AU ₆₇	2003 08 30.2	22 32.78	-11 12.0	18.6	-0.81	- 1.5	0.6/29.7	47840
2000 YE ₁₁₇	2003 08 30.2	22 32.84	-05 45.3	19.4	-0.89	- 2.1	1.0/31.2	12266
1995 FZ ₁₈	2003 08 30.2	22 32.84	-15 12.8	20.0	-1.05	- 3.3	2.4/28.6	47696
2001 BV ₆₀	2003 08 30.2	22 32.87	+05 08.2	20.3	-0.88	- 2.8	4.5/03.4	18311
2002 CM ₁₃₂	2003 08 30.2	22 32.88	-08 25.6	19.1	-0.83	- 8.2	0.3/30.5	48205

2001 DV ₃₇	2003 08 30.2	22 32.89	-23 19.7	18.9	-0.76	- 7.2	4.4/25.3	31400
2002 JT ₇₃	2003 08 30.2	22 32.91	+13 42.5	17.9	-0.65	- 7.8	7.1/08.2	32025
2002 LZ ₃₄	2003 08 30.2	22 32.95	-17 31.0	19.5	-0.70	- 6.7	2.5/27.4	48239
2000 UY ₇₉	2003 08 30.2	22 32.95	-17 18.2	17.7	-0.96	- 3.7	4.1/27.9	8523
2000 AM ₂₃₅	2003 08 30.2	22 32.97	-10 54.2	19.6	-0.75	- 5.0	0.5/29.7	47846
2001 FK ₅₂	2003 08 30.2	22 32.97	+03 22.0	20.1	-0.69	- 5.0	3.2/03.5	13305
2002 GJ ₁₁₆	2003 08 30.3	22 32.93	-20 10.6	17.5	-0.76	- 8.8	5.0/26.3	35576
1999 TA ₃₂	2003 08 30.3	22 32.96	+02 12.1	19.2	-0.77	- 7.2	4.3/03.2	47801
2000 UP ₁₁₀	2003 08 30.3	22 32.98	-14 30.0	19.9	-0.93	- 7.0	1.9/28.6	34970
2002 AX ₁₇	2003 08 30.3	22 33.01	-20 22.3	19.6	-0.99	-22.6	4.7/25.7	30605
2002 HS ₁₅	2003 08 30.3	22 33.02	-05 35.0	18.2	-0.83	- 8.7	1.5/31.5	33561
2000 UZ ₄₆	2003 08 30.3	22 33.03	+01 22.4	17.8	-0.91	- 6.5	4.4/02.7	47978
2000 WB ₁₇₃	2003 08 30.3	22 33.04	-10 20.2	18.4	-0.95	- 5.2	0.5/30.0	31927
2002 CT ₅₇	2003 08 30.3	22 33.09	-07 05.6	19.5	-0.96	- 4.8	0.8/30.9	48201
1999 VS ₁	2003 08 30.3	22 33.10	+03 27.1	18.3	-0.79	- 5.5	4.9/03.4	47818
2001 AH ₁₇	2003 08 30.3	22 33.12	-01 55.2	16.4	-1.13	+ 1.9	3.4/31.9	48004
2002 CJ ₂₃₇	2003 08 30.3	22 33.12	-15 41.3	18.6	-1.12	+ 2.0	2.8/28.9	30688
2002 JC ₁₁₂	2003 08 30.3	22 33.14	+02 33.1	19.8	-0.87	- 3.9	3.7/02.9	31738
2002 EW ₁₀₄	2003 08 30.3	22 33.15	-19 35.5	17.6	-0.93	- 1.1	5.0/27.5	48222
1999 XW ₉₂	2003 08 30.3	22 33.18	-10 12.4	19.4	-0.77	- 5.3	0.3/30.0	13052
2002 GX ₄₁	2003 08 30.3	22 33.19	-07 59.8	18.9	-0.97	- 5.3	0.5/30.7	31514
1999 XV ₁₂₇	2003 08 30.3	22 33.25	+11 09.4	18.6	-0.76	- 2.2	5.4/05.8	31884
1999 VA ₁₁₁	2003 08 30.3	22 33.27	+05 17.9	19.1	-0.75	- 5.8	5.6/04.3	33138
2000 YN ₁₃₄	2003 08 30.3	22 33.27	-17 39.3	19.6	-1.24	+ 1.5	2.9/28.5	12267
2002 CE ₁₅₂	2003 08 30.3	22 33.29	-13 08.6	19.1	-0.94	- 5.4	1.5/29.2	30670
2000 VF ₆₂	2003 08 30.3	22 33.40	-18 14.9	18.9	-1.52	+ 2.6	3.7/28.6	12253
2001 BP ₆₅	2003 08 30.4	22 33.33	+04 11.0	18.4	-0.80	- 3.2	4.2/03.5	48007
1999 CT ₁₄₇	2003 08 30.4	22 33.34	-12 35.5	19.0	-0.76	- 4.3	1.2/29.3	47770
2000 WY ₉₂	2003 08 30.4	22 33.40	-23 43.1	17.9	-0.94	- 4.3	6.7/25.9	30428
2000 UM ₆₂	2003 08 30.4	22 33.41	-01 19.5	18.9	-0.96	- 4.8	2.8/01.7	31919
2000 DA ₂₅	2003 08 30.4	22 33.44	-06 45.4	17.9	-0.80	- 2.3	0.7/31.1	6268
1994 EL ₄	2003 08 30.4	22 33.45	-07 25.3	19.5	-0.92	- 6.5	0.6/31.0	47691
2001 AW ₃₁	2003 08 30.4	22 33.45	-14 43.6	18.7	-0.99	- 4.2	2.5/28.8	48004
1999 XY ₁₈₂	2003 08 30.4	22 33.47	-23 43.2	18.5	-0.99	- 2.0	5.6/26.2	17107
1999 RJ ₁₄	2003 08 30.4	22 33.58	-11 47.2	16.7	-0.87	- 3.0	1.3/29.7	35474
2001 DM ₅₇	2003 08 30.4	22 33.60	-11 41.9	19.8	-0.80	- 4.1	0.9/29.7	48012
2001 ED ₄	2003 08 30.4	22 33.60	-10 44.9	19.6	-0.68	- 6.5	0.4/29.9	11930
1981 ES ₃₇	2003 08 30.4	22 33.61	-02 38.4	20.6	-0.94	- 6.1	2.3/01.5	31800
2001 BM ₆₂	2003 08 30.4	22 33.67	-10 50.0	18.9	-0.77	- 7.3	0.5/29.9	13808
2002 GT ₄₇	2003 08 30.4	22 33.69	+04 45.9	20.0	-0.94	- 4.8	4.8/03.8	31521
2000 VE	2003 08 30.4	22 33.73	-00 59.0	18.4	-0.98	- 4.9	3.4/01.9	29496
2001 DT ₅₉	2003 08 30.5	22 33.68	-14 00.7	18.2	-0.92	- 8.2	1.8/28.9	23618
2002 LL ₂₅	2003 08 30.5	22 33.68	-23 20.5	19.3	-0.92	- 7.1	4.7/25.8	34014
2000 AH ₁₀₉	2003 08 30.5	22 33.68	-02 46.6	18.9	-0.72	- 4.2	1.8/01.5	13646
1998 SQ ₁₃	2003 08 30.5	22 33.70	-10 12.3	17.7	-0.75	- 4.1	0.4/30.2	31829
2000 XE ₂₁	2003 08 30.5	22 33.73	-12 02.7	18.1	-1.03	- 2.9	1.2/29.7	33888
1999 VM ₁₅₅	2003 08 30.5	22 33.75	-20 00.4	19.9	-0.89	- 2.8	3.3/27.3	47824
2000 UP ₃₄	2003 08 30.5	22 33.76	-01 01.4	17.9	-0.88	- 7.2	3.8/02.2	47977
2002 CB ₁₁	2003 08 30.5	22 33.77	-11 45.3	19.5	-0.91	- 6.8	1.1/29.7	48198
2001 TB ₁₁₇	2003 08 30.5	22 33.77	-54 11.5	17.8	-1.66	+ 0.4	19.3/15.0	30486
2000 UW ₄₁	2003 08 30.5	22 33.79	-21 51.0	18.8	-1.03	- 4.2	4.9/26.7	30413

1993 UL ₇	2003 08 30.5	22 33.83	-04 44.8	19.7	-0.70	- 7.2	1.3/32.0	47690
2000 WL ₈₃	2003 08 30.5	22 33.87	-04 44.6	20.1	-0.93	- 4.8	1.5/31.8	47990
2002 LW ₄₄	2003 08 30.5	22 33.92	-18 09.7	19.9	-0.78	- 7.3	2.7/27.4	31786
2002 AX ₁₂₅	2003 08 30.5	22 33.97	+09 21.2	20.6	-1.08	- 0.8	5.4/04.6	30619
2002 JG ₂₀	2003 08 30.5	22 33.98	-14 41.1	19.7	-0.87	- 7.5	2.0/28.7	31634
2000 UE ₇₁	2003 08 30.5	22 34.01	-19 26.7	18.4	-1.06	- 2.8	4.1/27.7	30416
2002 FK ₁₀	2003 08 30.5	22 34.03	-01 57.7	19.2	-0.97	- 3.8	2.7/01.6	48225
2002 JH ₅₀	2003 08 30.5	22 34.03	-10 54.0	19.7	-0.90	- 4.6	0.6/30.0	33998
1999 UA ₂₉	2003 08 30.5	22 34.05	-31 23.5	18.9	-1.08	- 0.1	8.8/24.4	31294
2002 EN	2003 08 30.5	22 34.08	-08 33.2	20.0	-0.97	- 4.8	0.2/30.7	30700
2000 WH ₉₀	2003 08 30.5	22 34.10	-23 15.9	19.8	-1.01	- 4.5	5.8/26.2	33314
2002 CJ ₂₄₃	2003 08 30.6	22 34.05	-06 17.7	18.8	-0.90	- 7.5	1.1/31.5	29894
1995 XC ₃	2003 08 30.6	22 34.06	-11 22.1	21.7	-0.83	- 6.2	0.8/29.9	11475
1999 UL ₆	2003 08 30.6	22 34.07	-02 23.4	17.9	-0.76	- 6.3	3.0/01.8	47815
2000 YK ₅₂	2003 08 30.6	22 34.07	-06 05.5	18.9	-0.96	- 4.1	1.3/31.5	47999
1999 TE ₁₇₇	2003 08 30.6	22 34.09	-13 00.5	19.4	-0.87	- 4.2	1.4/29.4	47809
2000 AQ ₁₃₁	2003 08 30.6	22 34.09	-22 37.4	19.4	-0.85	- 3.3	4.2/26.4	19482
2000 WQ ₄₀	2003 08 30.6	22 34.10	-10 00.8	16.9	-0.75	-10.5	0.5/30.3	47988
1998 KN ₅₇	2003 08 30.6	22 34.15	-14 10.1	19.5	-0.89	- 5.3	1.7/29.0	31817
4550 P-L	2003 08 30.6	22 34.20	-13 58.6	19.9	-1.07	- 4.1	2.2/29.2	48387
1999 WT ₂	2003 08 30.6	22 34.27	-09 42.2	18.6	-0.85	- 4.2	0.3/30.4	10931
2002 FR ₂₅	2003 08 30.6	22 34.32	-30 37.3	18.9	-0.89	- 7.1	8.0/23.1	31988
2000 UW ₈₅	2003 08 30.6	22 34.34	-13 06.8	17.5	-0.72	- 6.2	2.3/29.3	47981
2000 WJ ₆₈	2003 08 30.6	22 34.35	-02 13.9	18.5	-1.01	- 4.0	2.7/01.6	13797
2002 EH ₇₉	2003 08 30.6	22 34.36	+01 07.6	19.6	-0.90	- 6.3	4.0/03.0	30028
1999 RR ₁₈₀	2003 08 30.6	22 34.42	-17 39.6	17.9	-0.87	- 3.0	4.0/28.1	33823
2002 GT ₁₂₃	2003 08 30.7	22 34.42	-10 57.0	19.8	-0.81	- 3.9	0.7/30.1	48230
2000 TG ₂₈	2003 08 30.7	22 34.45	-11 56.5	19.1	-1.10	- 2.4	1.3/29.9	47972
2000 SU ₁₉₁	2003 08 30.7	22 34.46	-07 22.1	19.2	-0.93	- 3.9	0.9/31.2	47957
1999 UR ₂₆	2003 08 30.7	22 34.52	-24 54.6	18.0	-1.05	+ 0.6	6.5/26.8	47816
2000 WQ ₇	2003 08 30.7	22 34.53	-14 54.3	20.0	-0.90	- 8.0	2.3/28.8	47987
2000 WS	2003 08 30.7	22 34.54	-31 05.7	18.5	-1.29	+ 1.6	7.2/25.5	9866
2002 CN ₈₉	2003 08 30.7	22 34.56	-14 29.0	19.4	-0.92	- 6.0	2.3/29.0	48202
2002 CK ₉₉	2003 08 30.7	22 34.58	-13 29.8	19.5	-0.99	- 5.0	1.7/29.4	30658
1998 QP ₉₆	2003 08 30.7	22 34.59	+03 53.7	17.9	-0.83	- 2.2	4.5/03.6	47737
1999 TN ₂₂₈	2003 08 30.7	22 34.60	-06 04.2	18.0	-0.75	- 9.0	1.2/31.8	33833
1999 XH ₁₆₆	2003 08 30.7	22 34.61	+07 19.1	16.4	-0.90	+ 0.3	7.4/04.1	47834
2002 LN ₁	2003 08 30.7	22 34.70	-22 44.1	18.7	-0.74	- 5.5	4.3/26.1	48238
2002 GG ₁₇₆	2003 08 30.7	22 34.73	-11 41.8	17.8	-1.03	- 0.9	1.3/30.1	35190
2000 AT ₁₀	2003 08 30.7	22 34.74	-30 51.7	19.7	-0.89	- 3.3	6.3/23.7	17125
1999 XU ₉₅	2003 08 30.7	22 34.77	-28 57.4	17.5	-0.86	- 4.1	6.6/24.1	31311
1999 TJ ₂₆₅	2003 08 30.7	22 34.78	+17 51.4	18.8	-0.83	- 3.5	11.1/09.1	47813
1999 RB ₁₆₃	2003 08 30.7	22 34.82	-04 27.3	17.3	-0.90	- 0.1	2.3/32.0	1460
1999 OC ₂	2003 08 30.8	22 34.81	+18 01.3	17.4	-0.80	- 1.4	13.0/09.6	2649
1998 AX ₉	2003 08 30.8	22 34.82	-10 22.3	19.9	-0.94	- 5.9	0.5/30.4	47721
2000 AK ₇₆	2003 08 30.8	22 34.85	-20 09.7	17.7	-0.73	- 7.1	3.4/26.9	33855
2001 BO ₆₃	2003 08 30.8	22 34.87	-08 00.0	20.4	-0.81	- 6.9	0.3/31.1	13808
2002 EQ ₁₀₄	2003 08 30.8	22 34.90	-13 24.0	20.8	-0.94	- 6.0	1.6/29.5	31475
2002 JL ₅₇	2003 08 30.8	22 34.91	-03 41.5	18.9	-0.77	- 4.2	1.7/01.5	32022
2000 SU ₅₉	2003 08 30.8	22 34.94	-08 25.4	19.2	-1.04	- 4.4	0.2/31.0	47945
2000 AQ ₁	2003 08 30.8	22 34.98	+03 00.0	17.5	-0.96	- 1.0	4.6/03.0	47838

1999 HZ ₆	2003 08 30.8	22 35.00	-09 40.0	17.9	-0.94	- 5.3	0.3/30.6	47777
2002 FZ ₂₁	2003 08 30.8	22 35.05	-15 49.1	17.6	-0.79	- 7.9	2.4/28.5	31988
2001 BU ₆₁	2003 08 30.8	22 35.05	-08 10.6	16.7	-1.20	+ 2.8	0.3/31.0	12279
2002 CJ ₂₇₅	2003 08 30.8	22 35.06	-16 41.4	20.3	-0.89	- 8.5	2.6/28.3	47188
1998 HG ₇₂	2003 08 30.8	22 35.07	-16 57.1	19.1	-0.90	- 5.2	2.7/28.4	31815
1999 XS ₁₈₂	2003 08 30.8	22 35.12	+11 37.1	18.7	-0.86	- 2.0	6.6/06.0	1558
2000 CP ₃₈	2003 08 30.8	22 35.12	-08 34.9	20.1	-0.73	- 4.4	0.1/31.0	15672
1999 VU ₅₂	2003 08 30.8	22 35.14	+09 13.4	18.6	-0.89	- 4.1	7.4/05.3	40395
2002 CD ₃₀₃	2003 08 30.8	22 35.15	-33 33.0	18.2	-0.94	- 1.3	8.0/23.6	48213
2002 ES ₄	2003 08 30.8	22 35.18	-10 02.1	19.9	-0.95	- 5.0	0.4/30.6	29935
1998 UF	2003 08 30.8	22 35.25	+11 08.4	17.1	-1.82	+12.7	11.4/01.8	47752
2000 VF ₅₃	2003 08 30.9	22 35.13	-07 10.1	18.4	-1.03	- 2.3	0.8/31.4	18301
1993 QY ₃	2003 08 30.9	22 35.15	-08 10.2	18.3	-0.70	- 8.7	0.3/31.2	47687
2002 FP ₂₀	2003 08 30.9	22 35.16	-27 14.9	19.2	-0.97	- 3.2	6.2/25.5	31485
1999 RD ₂₀₀	2003 08 30.9	22 35.21	+08 17.2	18.8	-0.92	- 2.5	5.6/05.0	13608
2000 AY ₁₂₃	2003 08 30.9	22 35.24	+15 08.9	17.3	-0.85	- 0.1	8.4/07.0	15056
2000 XC ₁₃	2003 08 30.9	22 35.25	+08 08.4	18.9	-0.77	- 5.4	4.9/05.7	33888
1999 XZ ₁₉₁	2003 08 30.9	22 35.26	-07 32.8	18.9	-0.89	- 1.9	0.5/31.3	47835
2000 VP ₁₈	2003 08 30.9	22 35.28	+02 21.3	19.5	-0.86	- 7.5	5.0/03.7	47984
2002 FY ₃₀	2003 08 30.9	22 35.35	-11 24.2	18.6	-0.76	- 7.7	0.8/30.1	31491
2000 SW ₄₂	2003 08 30.9	22 35.35	-08 29.3	17.8	-1.08	- 2.8	0.2/31.1	30388
2002 GM ₁₅₁	2003 08 30.9	22 35.36	-09 15.4	19.4	-0.92	- 7.7	0.1/30.8	33555
2002 JW ₁₂	2003 08 30.9	22 35.37	-44 16.9	20.4	-1.28	- 2.9	11.9/18.7	31626
2001 DC ₇₀	2003 08 30.9	22 35.37	-06 13.9	19.4	-0.80	- 2.8	0.8/31.8	48012
1998 RM ₂₁	2003 08 30.9	22 35.38	-08 00.3	19.8	-0.78	- 4.6	0.3/31.2	47738
2002 KD ₁₃	2003 08 30.9	22 35.40	-09 42.5	20.4	-0.74	- 5.1	0.2/30.7	48238
1999 VV ₁₅₅	2003 08 30.9	22 35.41	-13 06.1	20.1	-0.82	- 4.3	1.5/29.7	47824
2000 WD ₉₃	2003 08 30.9	22 35.44	-18 30.4	19.8	-0.89	- 5.1	2.9/28.0	31925
2000 YA ₇₀	2003 08 30.9	22 35.45	-15 17.9	20.0	-0.87	- 5.7	2.0/28.9	33889
2001 HZ ₂₄	2003 08 30.9	22 35.46	-10 46.8	20.2	-0.74	- 4.3	0.5/30.4	48029
1999 VS ₄₄	2003 08 30.9	22 35.48	-03 31.1	18.0	-0.90	- 2.5	2.4/01.5	1523
1998 FZ ₃₈	2003 08 30.9	22 35.49	-03 12.1	19.1	-0.87	- 6.8	2.1/01.8	41535
2001 CQ ₁₃	2003 08 30.9	22 35.54	-09 23.2	18.9	-0.89	- 2.9	0.2/30.9	35008
2002 CO ₁₂₃	2003 08 31.0	22 35.49	-10 05.7	19.1	-0.93	- 7.5	0.5/30.6	30664
2002 CK ₅₆	2003 08 31.0	22 35.50	-06 31.4	19.1	-0.93	- 6.3	0.9/01.0	30647
1999 RV ₂₁₀	2003 08 31.0	22 35.57	-08 16.7	17.9	-1.09	+ 2.0	0.3/31.2	10900
1999 TS ₃₀	2003 08 31.0	22 35.63	-06 36.0	18.4	-0.85	- 4.9	0.9/31.7	30318
2002 FM ₃₅	2003 08 31.0	22 35.65	+01 56.0	18.7	-0.99	- 2.8	4.7/03.1	31496
2002 KB ₁₁	2003 08 31.0	22 35.65	+02 05.6	20.1	-0.70	- 7.8	3.3/04.0	48238
4737 P-L	2003 08 31.0	22 35.65	-23 09.6	19.5	-1.01	- 0.8	4.7/27.1	34265
2000 WJ ₁₁₅	2003 08 31.0	22 35.65	-02 09.7	19.4	-0.98	- 4.0	2.6/02.0	47991
2002 CA ₁₀₉	2003 08 31.0	22 35.71	-12 01.5	19.8	-0.93	- 7.1	1.1/30.0	48204
1999 XB ₂₇	2003 08 31.0	22 35.74	-21 15.3	18.9	-0.84	- 4.5	4.3/27.1	31881
2000 YR ₁₀₅	2003 08 31.0	22 35.74	-14 05.6	19.4	-0.81	- 3.1	1.4/29.5	48001
2002 JR ₄₄	2003 08 31.0	22 35.79	-10 57.7	19.9	-1.01	- 4.1	0.7/30.5	35194
2000 YM ₄₆	2003 08 31.0	22 35.82	-11 20.0	18.4	-0.84	- 5.8	0.8/30.3	31930
2001 FM ₁₄₈	2003 08 31.0	22 35.83	+07 39.7	19.0	-0.75	- 4.5	4.9/05.5	27767
2001 EU	2003 08 31.0	22 35.85	-17 34.8	18.9	-0.74	- 4.3	2.5/28.3	31941
1998 OJ ₃	2003 08 31.0	22 35.87	-02 47.6	20.0	-0.80	- 5.3	2.0/02.0	10858
2002 FD ₉	2003 08 31.0	22 35.89	-07 25.8	19.5	-1.03	- 3.9	0.5/31.5	30730
2002 CV ₃₁	2003 08 31.0	22 35.90	-22 25.8	17.3	-0.97	- 5.0	6.4/26.9	33961

1999 SE ₁₆	2003 08 31.1	22 35.84	+18 36.2	19.0	-0.66	- 6.7	13.2/10.7	18212
2000 XZ ₃₈	2003 08 31.1	22 35.91	-54 09.6	19.2	-1.42	+ 1.0	14.9/15.8	31929
1997 CK ₁₁	2003 08 31.1	22 35.92	-09 22.3	19.7	-0.86	- 5.1	0.2/31.0	47709
2000 ST ₁₄₄	2003 08 31.1	22 35.94	-08 45.9	18.3	-1.04	- 3.4	0.0/31.1	27712
2002 GQ ₁₀₄	2003 08 31.1	22 35.96	-06 01.0	19.0	-0.78	- 8.8	0.9/01.1	33985
2002 GQ ₁₈	2003 08 31.1	22 35.96	-29 27.4	19.8	-0.99	- 2.5	6.3/25.1	31992
1999 SU ₈	2003 08 31.1	22 35.99	-34 38.9	17.5	-1.11	- 2.0	8.9/23.1	47799
1999 UP ₂	2003 08 31.1	22 36.01	-43 22.9	19.0	-1.14	- 2.4	13.9/17.6	40383
1999 XJ ₂₀₃	2003 08 31.1	22 36.02	-05 16.0	18.1	-0.79	- 2.4	1.0/01.2	31886
1999 UY ₁₉	2003 08 31.1	22 36.03	+04 33.9	18.5	-0.71	-10.7	5.3/05.2	47815
1998 SB ₁₃₅	2003 08 31.1	22 36.06	-10 29.3	17.7	-0.75	- 5.6	0.6/30.6	27611
1999 SE ₁₃	2003 08 31.1	22 36.07	-32 02.4	19.6	-1.00	- 4.0	7.4/23.4	13609
1999 XG ₁₈₉	2003 08 31.1	22 36.08	-14 04.7	18.1	-0.94	- 2.6	1.9/29.7	18221
2000 YA ₁₃	2003 08 31.1	22 36.09	+03 43.9	18.8	-0.78	- 5.9	3.5/04.3	12260
2000 WY ₁₇₆	2003 08 31.1	22 36.15	-14 24.8	19.6	-0.93	- 6.6	2.2/29.4	31927
1998 FJ ₁₀₇	2003 08 31.1	22 36.15	-05 16.5	17.7	-1.02	- 2.4	1.4/32.0	47727
2000 WT ₇	2003 08 31.1	22 36.25	-13 42.2	18.9	-0.91	- 8.0	1.9/29.6	8242
2002 GD ₉₃	2003 08 31.1	22 36.25	-12 08.5	20.0	-0.97	- 3.3	1.2/30.2	31564
2001 AX ₂₅	2003 08 31.1	22 36.32	-57 25.6	20.9	-1.31	- 3.9	13.5/12.0	12269
2002 JJ ₁₀₃	2003 08 31.2	22 36.24	-27 57.0	19.9	-0.87	- 3.6	6.5/25.1	30222
2000 UU ₄₅	2003 08 31.2	22 36.29	-08 41.4	19.4	-0.94	- 6.5	0.0/31.3	7254
2002 KF ₈	2003 08 31.2	22 36.30	-00 02.2	18.8	-0.66	- 8.3	2.7/03.4	33590
2002 GB ₆₇	2003 08 31.2	22 36.40	-12 57.4	19.9	-0.91	- 4.1	1.6/30.0	48228
2001 CB ₂₂	2003 08 31.2	22 36.42	-13 22.2	19.0	-0.83	- 5.3	1.6/29.8	31938
1999 VZ ₈₁	2003 08 31.2	22 36.42	-16 58.1	18.6	-0.90	- 3.8	2.9/28.8	33838
1999 TB ₁₈	2003 08 31.2	22 36.43	-12 52.4	18.3	-0.88	- 3.9	1.4/30.0	33826
2000 TP ₅₂	2003 08 31.2	22 36.43	-22 52.4	20.7	-1.11	- 2.6	5.7/27.4	47974
2000 SA ₁₇₉	2003 08 31.2	22 36.51	-13 56.5	17.4	-1.06	- 2.6	2.1/29.9	31915
2000 WD ₁₈₄	2003 08 31.2	22 36.60	-11 24.6	19.9	-0.96	- 6.5	1.1/30.5	9445
1997 BK ₂	2003 08 31.2	22 36.62	-09 41.4	19.9	-0.92	- 4.2	0.3/31.0	10838
1999 TB ₆₅	2003 08 31.3	22 36.56	-06 42.3	19.6	-0.85	- 6.1	0.8/01.0	29117
1999 XG ₂₃₇	2003 08 31.3	22 36.59	-08 44.2	18.7	-0.82	- 4.3	0.0/31.3	47836
2002 GZ ₄₆	2003 08 31.3	22 36.60	-07 32.4	20.5	-0.94	- 6.6	0.5/31.7	31520
1999 XM ₂₁	2003 08 31.3	22 36.61	-02 44.5	19.6	-0.78	- 6.5	1.9/02.3	46388
1999 XN ₁₁₇	2003 08 31.3	22 36.63	-08 43.0	18.1	-0.88	- 2.9	0.0/31.3	31884
1998 VQ ₃₃	2003 08 31.3	22 36.68	-56 29.7	19.8	-1.70	- 0.2	21.1/12.0	47755
1999 VQ ₂₂₃	2003 08 31.3	22 36.70	-26 36.9	19.3	-0.78	- 5.0	4.8/25.3	17092
2001 EL ₁₈	2003 08 31.3	22 36.78	-17 29.6	19.6	-0.77	- 3.2	2.4/28.7	13822
2001 DV ₄₁	2003 08 31.3	22 36.81	-11 22.7	19.2	-0.87	- 6.9	1.0/30.5	13256
1999 TG ₁₂₂	2003 08 31.3	22 36.83	-02 47.6	19.1	-0.66	- 9.1	2.9/02.5	33829
2000 YD ₇₉	2003 08 31.3	22 36.83	-09 23.5	19.8	-0.96	- 6.1	0.2/31.2	9905
2001 FB ₁₈₀	2003 08 31.3	22 36.88	-26 08.5	18.9	-0.82	- 4.7	5.5/25.5	13387
2002 EJ ₁₃₁	2003 08 31.3	22 36.95	-08 04.5	18.3	-0.81	- 6.0	0.3/31.6	30075
1998 SP ₁₂₆	2003 08 31.3	22 36.95	-09 30.0	18.5	-0.70	- 7.5	0.2/31.1	47749
1998 HE ₁₃₇	2003 08 31.3	22 36.99	-13 51.1	19.8	-0.88	- 6.6	1.7/29.7	30270
2002 CD ₁₀	2003 08 31.4	22 36.98	+15 10.7	16.9	-1.60	+ 8.9	13.1/04.1	27825
1998 FL ₅₂	2003 08 31.4	22 36.99	-08 45.4	21.0	-0.92	- 6.3	0.0/31.4	47726
1998 HN ₅₄	2003 08 31.4	22 37.00	-05 58.9	19.8	-0.92	- 4.6	0.9/01.2	31815
1999 PM	2003 08 31.4	22 37.00	-12 16.1	17.5	-0.52	-15.3	1.6/29.9	33815
2002 CY ₁₃	2003 08 31.4	22 37.04	-11 02.7	19.2	-0.98	- 4.5	0.9/30.8	48198
1999 VS ₄₉	2003 08 31.4	22 37.17	-01 31.7	18.9	-0.85	- 3.8	2.6/02.6	47820

1999 VG ₁₈	2003 08 31.4	22 37.20	-06 25.6	18.6	-0.84	- 4.4	0.9/01.2	31874
1998 EY ₁₀	2003 08 31.4	22 37.22	-18 19.5	18.6	-0.96	- 4.2	3.8/28.7	47724
2002 GF ₄₀	2003 08 31.4	22 37.24	-07 13.8	20.3	-0.88	- 5.0	0.5/01.0	31513
2002 LW ₁₂	2003 08 31.4	22 37.27	+17 59.5	18.2	-0.70	- 3.5	7.4/10.0	35201
1999 RU ₈₂	2003 08 31.4	22 37.27	-08 35.5	17.8	-1.02	+ 1.0	0.1/31.5	35476
1994 SQ ₅	2003 08 31.4	22 37.35	-13 28.9	19.2	-0.85	- 3.9	1.6/30.0	11470
2002 CL ₂₁₀	2003 08 31.4	22 37.37	-12 55.6	19.8	-0.96	- 5.4	1.7/30.2	48209
2000 WX ₁₄₉	2003 08 31.5	22 37.30	-06 33.3	20.9	-0.92	- 5.9	0.8/01.2	35537
2002 LG ₃₃	2003 08 31.5	22 37.32	-18 16.6	19.1	-0.71	- 8.2	2.7/28.1	33613
2002 EF ₉₇	2003 08 31.5	22 37.37	-49 02.9	18.4	-1.28	+ 3.1	13.1/20.5	48222
2001 FT ₂₆	2003 08 31.5	22 37.37	+06 42.8	20.3	-0.66	- 6.4	3.8/06.0	13827
1999 VR ₁₁₁	2003 08 31.5	22 37.40	+14 24.7	19.1	-0.83	- 3.6	9.7/07.8	2685
2000 YN ₈₆	2003 08 31.5	22 37.40	-04 54.4	16.3	-0.77	- 6.6	1.8/01.8	31931
1998 HH ₁₁₂	2003 08 31.5	22 37.40	-23 23.5	18.0	-0.86	- 7.8	5.0/26.5	33767
2001 BC ₁₃	2003 08 31.5	22 37.40	+11 48.8	19.3	-0.84	- 4.3	6.3/07.2	33892
2002 FO ₄	2003 08 31.5	22 37.41	-11 40.4	20.2	-0.96	- 5.8	1.0/30.6	31481
1999 UA ₃₅	2003 08 31.5	22 37.44	-06 05.6	20.4	-0.80	- 5.3	0.8/01.4	37184
1995 CL ₂	2003 08 31.5	22 37.49	-11 28.9	18.5	-0.75	-11.8	1.4/30.5	8009
1999 XJ ₂₀₂	2003 08 31.5	22 37.54	-00 40.7	19.8	-0.81	- 2.3	2.3/02.9	47835
2002 JY ₃₁	2003 08 31.5	22 37.54	-10 58.5	19.0	-0.84	- 5.5	0.7/30.8	32019
1999 RJ ₂₄₂	2003 08 31.5	22 37.65	-10 21.1	18.8	-0.91	- 4.0	0.6/31.1	30315
2000 AE ₆₃	2003 08 31.5	22 37.70	-06 52.1	18.6	-0.89	- 2.0	0.6/32.0	30345
1990 RJ ₇	2003 08 31.5	22 37.74	-13 57.2	18.8	-0.97	- 3.5	1.8/30.1	33751
2001 AB ₄₇	2003 08 31.5	22 37.77	-50 17.7	18.2	-1.58	+ 2.3	13.7/18.6	12271
2000 YG ₈	2003 08 31.6	22 37.68	-08 42.9	18.9	-0.96	- 5.2	0.0/31.6	47997
2001 BK ₂₅	2003 08 31.6	22 37.68	-07 27.5	18.4	-0.91	- 6.6	0.5/32.0	22764
1999 TX ₁₇₈	2003 08 31.6	22 37.70	-14 59.3	19.0	-0.81	- 5.8	2.4/29.5	30324
2001 AS ₁₅	2003 08 31.6	22 37.70	+02 55.6	18.8	-0.89	- 3.6	3.9/04.1	12268
2000 CG ₉₇	2003 08 31.6	22 37.71	-02 27.4	18.3	-0.69	- 9.4	1.9/02.9	47852
2000 AY ₃₂	2003 08 31.6	22 37.73	-01 00.0	18.5	-0.83	- 2.1	2.3/02.8	13642
2001 DU ₉₈	2003 08 31.6	22 37.76	+03 31.0	19.4	-0.95	- 1.5	4.1/03.9	48014
2002 JN ₁₁	2003 08 31.6	22 37.77	-25 26.6	18.5	-0.91	- 1.9	5.6/26.7	31623
4755 P-L	2003 08 31.6	22 37.80	+00 14.1	19.0	-0.74	-10.4	3.3/03.9	48387
1999 VO ₁₂₆	2003 08 31.6	22 37.85	-05 47.1	18.9	-0.82	- 6.3	1.1/01.6	31877
1164 T-2	2003 08 31.6	22 37.86	-10 41.9	18.6	-0.84	- 3.6	0.9/31.0	30772
2002 CH ₁₇₀	2003 08 31.6	22 37.90	-15 35.6	18.6	-1.05	- 4.1	2.8/29.7	30675
2002 CK ₃₀₂	2003 08 31.6	22 37.91	+01 33.3	20.0	-0.94	- 3.2	3.2/03.7	33967
2000 XN ₁₉	2003 08 31.6	22 37.95	-12 09.5	19.3	-1.06	- 2.7	1.4/30.7	17503
2002 GN ₁₃₈	2003 08 31.6	22 37.99	+12 51.6	19.6	-0.82	- 6.3	7.7/08.4	31595
1999 GD ₄₆	2003 08 31.6	22 38.08	-31 36.7	17.6	-0.95	- 3.2	11.2/24.3	47776
2000 VH ₃₉	2003 08 31.6	22 38.08	-52 20.9	20.0	-1.16	- 5.6	11.8/13.1	12252
1999 RX ₂₃₈	2003 08 31.6	22 38.08	-30 07.7	19.1	-1.03	- 1.8	7.3/25.3	47798
2001 FR ₁₅₃	2003 08 31.7	22 38.06	-02 27.1	19.8	-0.66	- 7.3	1.7/02.9	13361
1999 TM ₂₂₈	2003 08 31.7	22 38.12	-07 15.2	18.5	-0.76	- 7.9	0.6/01.2	33833
4303 T-3	2003 08 31.7	22 38.20	-22 32.7	18.7	-0.83	- 3.4	4.0/27.4	13877
1999 VV ₁₄	2003 08 31.7	22 38.22	-11 04.6	20.0	-0.95	- 2.8	0.9/31.1	1521
1999 TV ₁₉₂	2003 08 31.7	22 38.23	-33 14.1	18.0	-1.13	+ 3.0	10.6/25.8	35483
2001 CK ₄₃	2003 08 31.7	22 38.30	-36 51.7	19.5	-1.03	- 2.9	8.6/22.2	13812
1995 XK ₁	2003 08 31.7	22 38.32	+12 40.9	17.6	-0.89	- 1.3	8.9/07.0	47700
1998 XO ₆₄	2003 08 31.7	22 38.33	+06 15.1	17.7	-0.76	- 2.9	5.5/05.4	33791
1999 RQ ₁₄₂	2003 08 31.7	22 38.42	-12 59.6	17.8	-0.84	- 6.6	1.8/30.3	30310

1995 SJ ₂₅	2003 08 31.8	22 38.39	-10 04.6	19.4	-0.91	- 3.6	0.6/31.4	6728
1998 BH ₆	2003 08 31.8	22 38.40	-12 43.5	19.1	-0.94	- 5.3	1.7/30.6	26874
2000 AH ₂	2003 08 31.8	22 38.51	-33 18.6	17.4	-0.78	- 5.8	7.0/22.6	47838
1999 RS ₉₇	2003 08 31.8	22 38.51	-20 41.4	18.7	-1.04	- 0.8	4.1/28.6	33820
2000 VB ₄	2003 08 31.8	22 38.51	-00 20.2	18.7	-0.92	- 6.5	2.9/03.5	31920
2000 UU ₂₉	2003 08 31.8	22 38.55	+26 19.5	20.2	-0.93	- 6.8	11.8/14.1	31918
1999 RD ₂₃₈	2003 08 31.8	22 38.56	-30 25.2	18.9	-1.00	- 3.7	7.7/24.7	31863
2000 UV ₂₉	2003 08 31.8	22 38.63	-18 15.7	17.7	-1.05	- 0.1	5.0/29.4	29451
2002 GH ₄₆	2003 08 31.8	22 38.64	-13 47.6	19.0	-0.84	- 6.2	1.9/30.2	48227
1995 UB ₂₄	2003 08 31.8	22 38.67	-09 14.1	19.3	-0.88	- 4.0	0.3/31.7	30249
2002 CV ₁₃₃	2003 08 31.8	22 38.77	-09 22.6	19.5	-1.05	- 4.1	0.3/31.7	30666
2002 CJ ₁₂	2003 08 31.8	22 38.83	+01 01.0	20.0	-1.57	+ 5.0	4.8/02.4	30637
2002 GC ₁₆₆	2003 08 31.9	22 38.87	-36 37.4	18.3	-0.98	- 3.4	9.9/22.6	31607
1999 XV ₅₀	2003 08 31.9	22 38.92	-17 31.3	18.5	-0.84	- 5.9	3.7/28.9	38141
1999 NQ ₆	2003 08 31.9	22 38.93	-09 09.2	17.4	-0.81	- 6.9	0.3/31.7	33814
2002 JD ₂₆	2003 08 31.9	22 38.97	-10 35.2	19.8	-0.89	- 7.1	0.7/31.3	30193
2002 CF ₁₁₂	2003 08 31.9	22 39.01	-12 35.7	19.4	-0.96	- 5.6	1.5/30.7	35157
2000 UP ₈₄	2003 08 31.9	22 39.08	-18 43.4	19.5	-1.01	- 5.1	3.8/28.9	29482
1998 HM ₁₀₄	2003 08 31.9	22 39.08	-24 18.2	18.0	-0.89	- 6.3	5.9/26.7	31816
2000 SR ₇₅	2003 09 01.0	22 39.10	-19 44.2	18.7	-0.98	- 5.5	5.2/28.5	47947
2000 WO ₇	2003 09 01.0	22 39.10	-02 22.4	19.5	-0.95	- 5.2	2.3/02.9	29528
1997 EV ₂	2003 09 01.0	22 39.12	-06 57.5	19.3	-0.75	- 8.3	0.5/01.6	31222
2002 CQ ₂₅	2003 09 01.0	22 39.24	+07 35.9	18.8	-1.63	+ 9.1	8.7/03.0	30640
1998 HB ₄₂	2003 09 01.0	22 39.26	-08 40.1	18.3	-0.72	- 8.5	0.1/32.0	30268
2002 GP ₂₁	2003 09 01.0	22 39.28	-03 15.5	19.5	-0.85	- 5.5	1.6/02.7	31992
2002 CC ₂₁	2003 09 01.0	22 39.30	-01 05.7	19.4	-0.88	- 7.8	2.7/03.5	30639
1999 JY ₅₆	2003 09 01.0	22 39.33	-02 55.3	18.2	-0.85	- 7.8	2.5/02.9	27620
1998 FC ₁₂₃	2003 09 01.0	22 39.34	-17 32.5	19.0	-0.91	- 4.5	3.6/29.3	47727
1998 KN ₃₁	2003 09 01.0	22 39.34	-19 00.3	20.1	-0.87	- 5.9	3.5/28.7	47732
2002 GU ₇₂	2003 09 01.0	22 39.42	-06 26.6	18.8	-0.88	- 8.4	0.8/01.8	33982
1981 EF ₃₄	2003 09 01.0	22 39.43	-04 29.5	20.5	-0.87	- 4.7	1.3/02.3	9011
1999 JK ₇₁	2003 09 01.0	22 39.45	-17 06.4	17.9	-0.93	- 7.2	3.7/29.3	33811
2000 VK ₁₀	2003 09 01.0	22 39.46	-10 50.7	19.5	-0.96	- 6.4	0.9/31.3	34971
1998 HA ₃₈	2003 09 01.0	22 39.46	-12 41.6	18.6	-0.98	- 3.3	1.5/30.9	30268
2002 JQ ₁₄	2003 09 01.0	22 39.52	-39 30.9	18.8	-1.04	- 3.1	10.2/21.9	32015
1998 EM ₁₃	2003 09 01.1	22 39.50	-11 50.5	19.4	-0.89	- 6.6	1.1/31.0	47724
1999 UY ₂₀	2003 09 01.1	22 39.55	-08 18.7	19.5	-0.84	- 6.3	0.1/01.2	40386
2002 EL ₁₂₇	2003 09 01.1	22 39.59	-14 38.7	19.0	-0.86	- 5.3	2.4/30.2	30073
2000 QY ₁₈₁	2003 09 01.1	22 39.63	+01 40.0	16.4	-0.97	- 3.1	4.4/04.0	30374
1999 JP ₈₈	2003 09 01.1	22 39.69	-25 22.8	17.1	-0.81	- 6.2	8.5/26.1	30298
2001 EU ₁₉	2003 09 01.1	22 39.76	-15 58.8	18.0	-0.86	- 1.3	2.5/30.1	17570
1999 RD ₁₈₇	2003 09 01.1	22 39.84	-09 22.8	18.4	-0.87	- 4.0	0.4/31.9	30313
1998 FJ ₃₆	2003 09 01.1	22 39.85	-07 56.2	17.8	-0.87	- 8.6	0.2/01.4	47726
1999 TA ₂₂₁	2003 09 01.1	22 39.89	+06 52.0	18.7	-1.01	- 0.9	5.7/05.4	31870
2001 DS ₇₆	2003 09 01.1	22 39.89	-07 31.8	19.4	-0.71	- 7.3	0.3/01.5	48013
1999 XF ₁₈₉	2003 09 01.1	22 39.89	-05 16.0	17.3	-0.93	- 1.5	1.3/02.1	47835
1999 VH ₇₂	2003 09 01.2	22 39.87	+07 05.4	19.2	-0.76	- 4.2	4.6/06.3	13622
1993 LJ ₁	2003 09 01.2	22 39.87	-01 54.6	18.7	-0.91	- 2.4	2.0/03.1	38174
1999 TJ ₂₉₁	2003 09 01.2	22 39.87	-34 57.7	18.7	-0.99	- 0.4	11.3/24.0	31292
1999 RC ₁₃₈	2003 09 01.2	22 39.91	-10 46.5	18.1	-0.89	- 4.3	1.0/31.5	33821
1998 TM	2003 09 01.2	22 39.92	+06 30.4	17.6	-0.72	- 4.9	5.1/06.3	31837

2003 AUG. 6

M.P.C. 49371

2001 EQ ₁₈	2003 09 01.2	22 39.96	-08 01.5	20.0	-1.10	+	0.7	0.1/01.3	13822
2000 UO ₂₈	2003 09 01.2	22 39.99	-02 08.5	18.2	-1.00	-	3.5	2.5/03.0	31918
1995 UD ₅₂	2003 09 01.2	22 40.00	-10 54.7	21.0	-0.82	-	6.3	0.8/31.4	6730
2001 AX ₅₀	2003 09 01.2	22 40.02	-04 45.8	19.7	-0.95	-	4.7	1.5/02.3	17532
2001 EG ₁	2003 09 01.2	22 40.03	-22 48.0	18.7	-1.05	-	2.1	5.5/28.1	31941
1998 RW ₆₁	2003 09 01.2	22 40.04	-06 27.9	18.5	-0.76	-	4.5	0.6/01.9	31826
2000 YQ ₈₆	2003 09 01.2	22 40.09	-12 47.8	18.5	-0.93	-	8.2	1.7/30.8	31931
1999 RV ₂₀₄	2003 09 01.2	22 40.14	+04 10.1	18.3	-1.09	+	4.7	6.2/03.8	5618
2002 EJ ₉₄	2003 09 01.2	22 40.17	-08 46.7	18.9	-0.89	-	6.3	0.1/01.2	48221
2001 AW ₄₃	2003 09 01.2	22 40.19	-14 17.1	19.2	-0.81	-	6.0	2.0/30.4	33355
1998 RO ₇₆	2003 09 01.2	22 40.27	-22 12.3	18.9	-0.91	-	1.2	4.8/28.4	47742
1999 XM ₁₈₃	2003 09 01.3	22 40.19	-10 21.8	19.1	-0.93	-	2.8	0.7/31.7	18221
2002 JN ₂₅	2003 09 01.3	22 40.23	-22 07.9	19.3	-0.86	-	5.0	4.5/27.9	31641
2000 YX ₁₂₇	2003 09 01.3	22 40.26	-08 02.4	18.2	-0.86	-	4.0	0.2/01.4	48002
2002 EN ₃₂	2003 09 01.3	22 40.29	-23 44.3	17.8	-0.93	-	5.0	6.9/27.5	31977
1999 UF ₃₀	2003 09 01.3	22 40.32	-14 26.4	19.4	-0.88	-	4.3	2.2/30.5	30329
1999 JK ₁₁	2003 09 01.3	22 40.32	+01 41.0	17.3	-0.89	-	6.8	4.7/04.6	47778
1999 RQ ₂₃₈	2003 09 01.3	22 40.39	+15 43.8	18.8	-0.88	-	3.1	8.6/09.1	47798
1999 XF ₁₇₈	2003 09 01.3	22 40.41	+07 19.3	19.2	-0.79	-	1.8	4.1/06.0	39565
2002 LN ₁₇	2003 09 01.3	22 40.48	-25 12.2	18.3	-0.78	-	4.6	5.4/26.7	33602
1998 KE ₂₄	2003 09 01.3	22 40.54	-30 27.5	19.6	-0.99	-	3.4	7.1/25.6	33768
2001 BB ₃₄	2003 09 01.3	22 40.60	-08 05.2	18.6	-0.72	-	4.3	0.1/01.5	31936
1998 WN ₄	2003 09 01.3	22 40.61	-48 36.0	18.4	-1.22	-10.7	17.1/17.0	31845	
1998 FS ₁₂₂	2003 09 01.4	22 40.59	-14 34.4	19.3	-0.94	-	5.4	2.2/30.5	47727
2000 YL ₁₃₅	2003 09 01.4	22 40.62	-09 43.1	18.0	-0.88	-	9.6	0.6/31.9	48003
1999 TY ₂₂₃	2003 09 01.4	22 40.65	-08 30.2	17.8	-0.75	-11.5	0.1/01.4	47811	
2002 KF ₁₄	2003 09 01.4	22 40.66	-18 06.7	18.7	-0.82	-	8.1	3.1/29.0	33594
1999 TN ₁₀₇	2003 09 01.4	22 40.66	+00 42.4	18.2	-0.90	-	3.4	3.7/04.1	30321
2002 LP ₄₅	2003 09 01.4	22 40.70	-06 09.2	19.5	-0.73	-	4.9	0.7/02.2	31786
2002 GU ₆₄	2003 09 01.4	22 40.71	-06 58.0	20.1	-0.82	-	6.5	0.5/01.9	31533
2001 FR ₃₃	2003 09 01.4	22 40.75	+00 21.7	19.6	-0.80	-	3.2	2.5/04.1	11994
2002 EH ₈₉	2003 09 01.4	22 40.76	-14 40.6	17.6	-0.99	+	0.7	2.3/30.9	30718
1998 HG ₁₀₉	2003 09 01.4	22 40.94	-12 42.7	19.2	-0.80	-	9.8	1.6/30.9	30269
2001 EX ₁₈	2003 09 01.4	22 40.98	+00 41.4	17.5	-0.83	-	2.2	2.9/04.2	31942
1998 TR ₁₉	2003 09 01.5	22 40.94	-42 04.6	19.0	-1.73	+	3.4	15.2/24.5	30287
2001 FE ₁₀₁	2003 09 01.5	22 40.98	+04 07.5	19.7	-0.84	-	5.3	4.0/05.5	13840
1992 EN ₂₉	2003 09 01.5	22 40.98	-01 56.9	20.0	-0.80	-	4.8	2.0/03.5	30243
2000 SE ₈₅	2003 09 01.5	22 40.99	-17 38.8	18.1	-0.98	-	6.5	3.5/29.6	31914
2002 JT ₈₀	2003 09 01.5	22 40.99	-01 10.1	19.1	-0.87	-	5.7	2.4/03.8	32027
2000 YG ₁₀₀	2003 09 01.5	22 41.00	+07 03.8	19.1	-0.82	-	7.6	5.2/06.8	12264
1999 RH ₂₀₈	2003 09 01.5	22 41.01	+00 13.7	18.1	-1.05	0.0	3.4/03.6	13608	
1998 CW ₁	2003 09 01.5	22 41.13	-17 45.8	18.4	-0.93	-	7.5	3.7/29.4	47723
2001 AP ₁₅	2003 09 01.5	22 41.13	-00 03.9	19.3	-0.87	-	5.1	2.7/04.1	12268
2002 JR	2003 09 01.5	22 41.13	-06 06.9	19.2	-0.71	-	7.0	0.7/02.3	32013
2000 SZ ₁₇₀	2003 09 01.5	22 41.15	-11 42.5	18.9	-1.03	-	4.5	1.4/31.6	29373
2000 WR ₁₆₄	2003 09 01.5	22 41.16	-25 57.4	20.1	-0.97	-	6.7	6.0/26.6	31927
2002 JS ₁₀₃	2003 09 01.5	22 41.19	-05 06.4	19.7	-0.77	-	5.0	1.0/02.6	31732
2000 WF ₁₂	2003 09 01.5	22 41.26	+14 00.1	18.1	-0.92	-	1.7	9.6/08.8	47987
1999 GZ ₁₉	2003 09 01.5	22 41.26	-16 49.6	17.4	-1.01	-	3.7	3.9/30.1	47776
1999 VF ₁₆₉	2003 09 01.5	22 41.29	-12 07.0	19.8	-0.81	-	4.3	1.3/31.4	47825
1999 UT ₁₅	2003 09 01.5	22 41.32	-07 44.6	18.7	-0.79	-	7.3	0.2/01.8	11615

2088 T-2	2003 09 01.5	22 41.34	-02 02.0	18.7	-0.93	-	7.1	2.6/03.6	30772
1998 VN ₃₁	2003 09 01.5	22 41.34	+01 51.6	18.6	-0.72	-	4.6	3.0/04.9	13585
1999 RA ₂₁₃	2003 09 01.5	22 41.35	+08 02.4	19.1	-0.80	-	5.9	5.3/07.1	47797
1998 EZ ₁₉	2003 09 01.6	22 41.30	-07 10.4	18.7	-1.01	-	3.5	0.4/01.9	9064
2000 CB ₃₈	2003 09 01.6	22 41.31	-07 58.0	17.1	-0.79	-	3.0	0.1/01.7	31897
1999 TW ₂₂₃	2003 09 01.6	22 41.32	+07 04.2	17.7	-1.04	+	1.7	6.8/05.4	47811
2001 AE ₉	2003 09 01.6	22 41.33	-04 19.6	21.2	-0.88	-	4.6	1.3/02.8	48003
1999 XG ₂₆₁	2003 09 01.6	22 41.34	-12 15.2	18.8	-0.85	-	1.0	1.1/31.5	41589
2002 LS ₁	2003 09 01.6	22 41.42	-09 12.8	20.9	-0.82	-	6.2	0.3/01.3	31767
1999 YM ₁₂	2003 09 01.6	22 41.47	-02 17.7	19.0	-0.76	-	3.6	1.7/03.5	33176
2002 CQ ₅₂	2003 09 01.6	22 41.48	-04 28.5	18.2	-0.83	-14.3	1.2/03.1	31967	
1999 VS ₉₀	2003 09 01.6	22 41.49	-03 33.1	18.0	-0.79	-	6.5	1.9/03.2	25013
2001 DH ₅₆	2003 09 01.6	22 41.61	-10 08.9	19.4	-0.77	-	6.6	0.7/01.0	48012
1999 TD ₁₃₉	2003 09 01.6	22 41.62	-10 50.2	19.2	-0.87	-	4.1	1.0/31.9	47807
2002 EB ₉₀	2003 09 01.6	22 41.63	-01 40.0	19.3	-0.97	-	6.4	2.7/03.7	33970
1999 TW ₂₃₆	2003 09 01.6	22 41.64	-11 44.8	19.5	-0.77	-	7.5	1.1/31.5	47812
2001 CM ₂₁	2003 09 01.6	22 41.69	-25 10.0	19.4	-0.82	-	6.4	5.1/26.8	33895
2002 FR ₂₈	2003 09 01.7	22 41.69	-18 23.2	19.6	-0.88	-	5.5	3.7/29.5	41765
1999 YC ₆	2003 09 01.7	22 41.72	+10 47.0	18.2	-1.35	+	6.5	7.9/04.8	9784
1999 XT ₂₁₆	2003 09 01.7	22 41.72	-16 26.5	19.4	-0.73	-	5.2	2.3/30.0	47836
2002 JC ₄₉	2003 09 01.7	22 41.73	-01 40.6	20.8	-0.93	-	5.4	2.2/03.7	31673
2000 EL ₇₉	2003 09 01.7	22 41.74	-13 30.7	19.8	-0.74	-	5.7	1.5/31.0	47866
2002 CF ₂₃₉	2003 09 01.7	22 41.77	-03 38.3	19.3	-0.91	-	7.8	1.8/03.3	30688
2000 XD ₁₂	2003 09 01.7	22 41.88	-15 50.6	19.5	-1.03	-	3.1	3.0/30.6	47996
2000 WT ₈	2003 09 01.7	22 41.93	-09 40.0	18.0	-0.99	-	3.7	0.6/01.4	31922
1999 XX ₁₉₇	2003 09 01.7	22 41.95	-27 00.9	18.3	-0.85	-	3.2	5.6/26.7	47835
1999 RU ₁₇₈	2003 09 01.7	22 41.98	-11 42.4	17.2	-0.71	-10.9	1.5/31.5	47795	
1999 XU ₈₀	2003 09 01.7	22 42.07	-13 27.2	18.6	-0.79	-	5.0	1.8/31.1	13048
1999 TP ₁₀₃	2003 09 01.7	22 42.07	-04 47.0	18.8	-0.89	-	3.2	1.5/02.8	5633
1999 VB ₁₈₉	2003 09 01.8	22 42.13	+12 24.8	18.6	-0.77	-	6.1	7.1/09.0	2689
2000 YM ₈₀	2003 09 01.8	22 42.14	+00 35.4	18.3	-0.80	-	4.6	2.5/04.7	33890
2001 CX ₂₆	2003 09 01.8	22 42.26	-19 50.2	18.1	-0.69	-	7.4	3.3/28.7	33895
2000 LV ₂₃	2003 09 01.8	22 42.27	+36 21.4	17.5	-1.10	-	0.4	21.1/20.6	33878
2002 EF ₇₄	2003 09 01.8	22 42.29	-01 41.0	19.1	-0.85	-	6.3	2.3/04.0	31979
1999 TO ₁₀₅	2003 09 01.8	22 42.31	-32 19.4	18.2	-1.15	+	0.9	3.0/26.2	13612
1999 JC ₁₀	2003 09 01.8	22 42.33	-05 51.3	19.2	-0.90	-	9.2	0.9/02.7	33808
1999 VV ₂	2003 09 01.8	22 42.33	-00 37.8	18.3	-0.82	-	3.8	3.3/04.2	40388
1998 SF ₁₅₇	2003 09 01.8	22 42.34	-26 55.1	18.3	-0.97	-	0.3	6.1/27.6	13582
1999 XU ₁₈₀	2003 09 01.8	22 42.44	-29 32.8	18.6	-0.81	-	4.8	6.0/25.4	47834
2002 CU ₁₄₅	2003 09 01.9	22 42.38	-08 22.3	18.2	-0.88	-23.2	0.1/01.8	30669	
2001 DU ₃₁	2003 09 01.9	22 42.39	-11 17.3	20.6	-0.69	-	7.5	0.8/31.8	48011
1996 HT ₁₁	2003 09 01.9	22 42.39	-10 01.0	19.7	-0.74	-	4.3	0.5/01.3	47702
1995 WX ₁₆	2003 09 01.9	22 42.39	+01 33.4	19.6	-0.83	-	5.7	3.3/05.1	47700
2000 RE ₃₆	2003 09 01.9	22 42.40	-14 58.8	18.8	-1.01	-	2.7	3.5/31.0	47934
2000 WT ₂₄	2003 09 01.9	22 42.40	-03 22.4	18.8	-0.98	-	4.1	2.1/03.3	33306
1999 TS ₁₉₁	2003 09 01.9	22 42.41	-00 05.6	19.0	-0.83	-	0.3	4.2/04.1	2668
2000 AL ₂₉	2003 09 01.9	22 42.45	-09 53.1	18.7	-0.78	-	4.3	0.5/01.4	47839
2002 GD ₄₉	2003 09 01.9	22 42.46	-04 57.6	19.0	-0.88	-	6.1	1.3/03.0	31522
1999 TK ₂₇₉	2003 09 01.9	22 42.49	-22 26.7	19.4	-1.11	-	0.7	5.8/29.1	18215
2000 HL ₁₄	2003 09 01.9	22 42.57	-42 51.3	19.1	-1.01	-	1.2	8.3/21.0	23533
2002 GY ₇₂	2003 09 01.9	22 42.57	-12 56.6	19.5	-0.87	-	6.0	1.7/31.4	48228

2001 AL ₅₃	2003 09 01.9	22 42.60 +03 09.3	20.0 -0.90 - 2.6	3.6/05.2	38289
2000 SG ₁₀₅	2003 09 01.9	22 42.62 -15 42.2	18.5 -1.00 - 5.5	2.8/30.7	31914
1999 XG ₉₀	2003 09 01.9	22 42.74 -23 27.2	18.7 -0.77 - 5.7	4.6/27.7	13633
2002 CX ₉₅	2003 09 01.9	22 42.81 -08 31.5	20.3 -0.98 - 4.2	0.1/01.9	48203
2002 JY ₁₃₂	2003 09 02.0	22 42.78 -09 07.6	19.4 -0.86 - 3.5	0.4/01.7	48237
1999 TG ₂₀₁	2003 09 02.0	22 42.79 -04 24.7	19.9 -0.87 - 5.0	1.4/03.2	47810
1999 NX ₄₉	2003 09 02.0	22 42.82 +07 55.9	17.7 -0.91 + 0.7	8.1/06.4	47785
2002 EK ₇₃	2003 09 02.0	22 42.83 -10 10.6	19.3 -0.90 - 3.3	0.7/01.4	48220
2000 YU ₉₃	2003 09 02.0	22 42.85 -18 58.2	19.2 -0.88 - 5.3	3.5/29.6	31932
1999 JA ₆₈	2003 09 02.0	22 42.86 -24 47.8	18.2 -1.00 - 4.4	7.4/28.0	27621
1999 RV ₂₃₇	2003 09 02.0	22 42.94 +11 37.2	18.6 -0.95 - 1.6	7.5/08.0	30315
1998 SH ₃₂	2003 09 02.0	22 42.99 +21 48.8	18.9 -0.78 -19.3	13.4/16.4	31830
2002 CW ₅₃	2003 09 02.0	22 43.01 -05 15.3	19.5 -0.94 - 6.0	1.1/03.0	30646
2000 WJ ₂₄	2003 09 02.0	22 43.03 +02 40.1	19.9 -0.86 - 7.8	3.6/05.7	31922
1994 EO ₄	2003 09 02.0	22 43.05 -06 06.7	18.3 -0.80 - 8.3	0.8/02.8	47691
2000 SG ₂₉₃	2003 09 02.0	22 43.05 -39 36.0	19.2 -1.40 + 2.0	10.7/25.1	30404
2001 BQ ₂₁	2003 09 02.0	22 43.06 -33 07.3	18.5 -0.89 - 4.7	11.3/24.4	48006
2001 DS ₁₈	2003 09 02.0	22 43.06 -21 37.4	18.2 -0.93 - 0.4	3.9/29.4	31939
2000 AR ₁₉₈	2003 09 02.0	22 43.14 +16 23.5	16.7 -0.83 - 0.5	8.4/09.5	47845
2000 SH ₁₅₆	2003 09 02.0	22 43.15 -19 13.9	19.0 -1.11 - 2.5	4.5/30.1	47954
2000 UA ₆₂	2003 09 02.0	22 43.15 -01 57.8	18.1 -0.90 - 4.7	3.1/04.0	13792
1998 SA ₉	2003 09 02.1	22 43.10 -09 41.3	19.9 -0.77 - 4.6	0.6/01.6	14118
1999 VP ₁₉₈	2003 09 02.1	22 43.12 -16 00.0	18.9 -0.74 - 8.7	3.2/30.2	17087
2001 DT ₈₈	2003 09 02.1	22 43.14 -11 13.3	20.0 -0.75 - 3.6	0.8/01.1	13817
2001 FX ₁₈₂	2003 09 02.1	22 43.19 -08 11.2	19.1 -0.78 - 4.3	0.0/02.1	48027
2002 HB ₄	2003 09 02.1	22 43.25 -33 10.5	19.1 -0.93 - 4.0	8.0/24.8	48231
2002 KQ ₈	2003 09 02.1	22 43.28 -12 03.1	17.2 -0.67 - 9.4	1.4/31.7	31762
1999 VL ₁₅₈	2003 09 02.1	22 43.31 -03 54.3	19.0 -0.83 - 4.7	1.6/03.5	47824
2002 JV ₃₉	2003 09 02.1	22 43.35 +01 42.2	19.3 -0.69 - 7.4	3.1/05.7	31661
2000 SK ₂₃₇	2003 09 02.1	22 43.35 -14 10.7	19.5 -0.93 - 8.8	2.5/31.1	47961
2000 AE ₁₀₁	2003 09 02.1	22 43.38 -30 37.4	17.9 -0.92 - 7.0	8.1/24.7	13114
2002 DD ₁₆	2003 09 02.1	22 43.38 -11 39.9	19.7 -0.93 - 6.0	1.4/01.1	29930
2002 FE ₁₇	2003 09 02.1	22 43.39 -18 30.3	18.8 -0.92 - 8.1	4.2/29.7	33975
2002 JQ ₅₂	2003 09 02.1	22 43.39 -22 50.7	19.8 -0.81 - 3.5	4.5/28.5	48234
2002 JP ₄₇	2003 09 02.1	22 43.43 -07 27.7	19.9 -0.96 - 4.9	0.2/02.4	31670
1999 PB	2003 09 02.1	22 43.44 -06 31.5	17.8 -0.92 - 2.8	0.7/02.6	29055
2002 FO ₂₂	2003 09 02.1	22 43.47 -37 01.4	18.0 -1.17 + 1.2	12.2/25.5	31487
1998 FV ₄₆	2003 09 02.1	22 43.53 -05 52.8	19.4 -0.89 - 6.0	0.7/02.9	30263
2000 SE ₁₁₃	2003 09 02.2	22 43.48 -06 27.0	17.8 -0.80 - 8.2	0.8/02.8	30392
2000 SO ₆₆	2003 09 02.2	22 43.48 -03 44.4	18.6 -0.94 - 8.0	1.9/03.6	27704
2000 YN ₈₄	2003 09 02.2	22 43.50 -27 03.1	19.5 -0.87 - 6.6	5.5/26.6	31931
2000 VV ₂₁	2003 09 02.2	22 43.51 -14 56.0	18.9 -0.93 - 6.3	2.6/31.0	29503
1999 XN ₁₄₆	2003 09 02.2	22 43.53 -13 04.1	19.6 -0.78 - 4.7	1.5/31.6	47833
2000 AV ₂₄₁	2003 09 02.2	22 43.60 +06 23.2	18.7 -0.65 - 5.1	3.7/07.3	31895
1999 TE ₁₆	2003 09 02.2	22 43.63 -22 02.3	18.7 -1.03 - 2.3	4.7/29.2	33826
2002 EF ₄₁	2003 09 02.2	22 43.63 -10 08.1	18.2 -1.02 - 2.9	0.8/01.7	31978
2001 EB ₃	2003 09 02.2	22 43.70 -10 59.1	20.6 -0.73 - 4.6	0.8/01.3	11929
4331 T-3	2003 09 02.2	22 43.75 -10 38.5	19.1 -0.90 - 6.9	1.0/01.4	34059
1999 UC ₄₂	2003 09 02.2	22 43.79 +03 11.6	18.4 -0.83 - 4.8	3.9/05.9	33835
1178 T-1	2003 09 02.2	22 43.79 -09 19.9	18.2 -0.94 - 3.0	0.5/01.9	48388
2002 EO ₉₈	2003 09 02.2	22 43.80 -04 35.5	20.3 -0.89 - 5.9	1.2/03.4	30055

2002 AD ₁₄	2003 09 02.2	22 43.84 -10 41.8	19.2 -0.97 - 5.4	0.9/01.5	31434
2000 AF ₁₁₆	2003 09 02.3	22 43.84 -08 50.6	18.8 -0.71 - 6.2	0.2/02.0	30347
1999 SD ₃	2003 09 02.3	22 43.86 +07 05.5	18.0 -1.38 + 5.1	5.9/04.8	38806
1999 RW ₁₆₅	2003 09 02.3	22 43.90 -08 18.9	19.2 -0.81 - 6.9	0.1/02.2	30312
1998 SM ₆₄	2003 09 02.3	22 43.91 +06 19.0	18.1 -0.68 - 7.7	3.7/07.5	13579
1999 UP ₄₅	2003 09 02.3	22 43.95 +04 21.9	17.8 -0.83 - 4.0	4.0/06.3	31873
2001 DS ₃₅	2003 09 02.3	22 44.01 -09 36.9	19.4 -0.85 - 7.5	0.6/01.8	17555
1999 RJ ₁₈₅	2003 09 02.3	22 44.03 -29 17.3	18.2 -1.21 + 1.2	7.3/28.1	13607
2002 JY ₉₈	2003 09 02.3	22 44.13 -21 18.0	19.5 -0.76 -11.1	5.0/28.3	48236
1999 RM ₉₃	2003 09 02.3	22 44.17 -18 57.3	19.0 -1.01 - 0.9	4.5/30.5	30308
2000 YA ₁₁₆	2003 09 02.3	22 44.21 -22 18.2	19.2 -0.94 - 7.8	5.2/28.4	12265
2002 GU ₈₅	2003 09 02.3	22 44.25 -30 29.4	20.2 -0.92 - 5.2	7.6/25.9	31557
2002 DF ₃	2003 09 02.3	22 44.28 -34 55.2	19.9 -1.00 - 1.4	7.7/25.8	30697
2002 GW ₇₆	2003 09 02.4	22 44.20 -21 06.2	19.4 -1.03 - 6.6	5.3/29.2	31547
2001 DR ₇₆	2003 09 02.4	22 44.21 -25 52.5	19.5 -0.75 - 5.4	4.8/27.2	13261
1999 VG ₁₁₅	2003 09 02.4	22 44.21 +13 27.5	18.9 -0.84 - 3.7	6.7/09.4	12195
1999 TE ₁₈₇	2003 09 02.4	22 44.24 +10 24.2	18.6 -0.85 - 3.7	5.8/08.2	33832
1998 XY ₈₈	2003 09 02.4	22 44.24 +03 44.0	18.3 -0.82 - 2.7	3.9/06.0	33773
1999 XW ₁₃₂	2003 09 02.4	22 44.29 -04 15.6	18.0 -0.86 - 1.9	1.3/03.5	25767
2002 CW ₂₃₇	2003 09 02.4	22 44.30 -40 38.2	18.8 -1.27 - 0.9	9.8/23.8	31971
2002 CS ₂₄₀	2003 09 02.4	22 44.35 -06 51.4	20.2 -1.05 - 3.4	0.4/02.8	30688
2002 EX ₃₀	2003 09 02.4	22 44.36 -15 50.3	18.7 -1.00 - 4.9	2.8/31.1	31977
1988 CJ ₄	2003 09 02.4	22 44.36 +07 31.1	18.8 -0.89 - 2.4	4.7/07.1	13531
2002 BR ₂₅	2003 09 02.4	22 44.37 -00 27.5	19.2 -0.98 - 5.4	2.8/04.8	30634
2002 EW ₂₉	2003 09 02.4	22 44.42 -07 04.2	19.8 -0.87 - 8.0	0.4/02.8	48217
2002 DJ ₃	2003 09 02.4	22 44.44 -42 00.0	20.5 -1.36 + 0.4	10.9/24.1	30697
1999 XG ₇₀	2003 09 02.4	22 44.45 -26 45.0	16.8 -0.68 - 5.3	8.8/26.4	31883
1999 UA ₅	2003 09 02.4	22 44.48 -14 50.2	20.4 -0.99 - 4.9	2.1/31.4	1514
2001 DL ₃₆	2003 09 02.4	22 44.53 -00 19.1	18.7 -1.06 + 0.3	3.4/04.3	33897
2002 ME ₃	2003 09 02.4	22 44.54 +14 40.7	18.1 -0.63 - 8.8	7.7/11.6	33637
1999 VE ₁₀₅	2003 09 02.4	22 44.57 -17 32.0	19.3 -0.85 - 4.2	3.6/30.5	35488
1998 HC ₅₀	2003 09 02.5	22 44.56 -12 09.6	20.5 -0.90 - 6.0	1.4/01.2	38185
2002 GU ₁₁	2003 09 02.5	22 44.57 -21 40.1	19.2 -0.91 - 4.0	5.0/29.3	30132
1999 JM ₂₃	2003 09 02.5	22 44.59 -21 36.9	17.1 -1.04 - 3.3	6.0/29.6	41575
1999 YA ₆	2003 09 02.5	22 44.62 +10 05.4	17.7 -1.37 + 6.7	7.6/05.3	40426
2002 CF ₄₃	2003 09 02.5	22 44.65 -25 40.3	18.7 -1.09 - 1.1	6.1/28.9	31966
2001 AJ ₁₇	2003 09 02.5	22 44.69 -02 15.3	18.8 -0.86 - 4.3	1.8/04.3	12269
2001 DV ₅₂	2003 09 02.5	22 44.72 -13 51.2	19.3 -1.03 - 4.3	2.4/31.8	23618
2002 ES ₄₀	2003 09 02.5	22 44.76 -15 39.7	18.7 -0.92 - 2.7	2.5/31.3	31978
2002 EW ₈₃	2003 09 02.5	22 44.79 -12 59.9	17.5 -0.80 - 6.9	2.4/31.9	48220
2002 GE ₁₅₈	2003 09 02.5	22 44.81 -21 05.2	19.6 -0.96 - 6.5	5.2/29.3	31604
2002 GB ₂₀	2003 09 02.5	22 44.82 -10 05.6	20.0 -0.95 - 4.8	0.7/01.9	48227
1999 XB ₁₁₇	2003 09 02.5	22 44.82 -32 43.8	18.1 -1.02 - 2.2	9.4/25.5	30341
1977 EA ₈	2003 09 02.5	22 44.86 -16 10.7	18.5 -1.07 - 0.4	2.9/31.5	31800
2002 JK ₁₃₅	2003 09 02.5	22 44.86 -14 15.3	18.8 -0.75 - 6.8	2.2/31.4	33585
2000 SX ₃₁₉	2003 09 02.5	22 44.89 -08 02.4	18.1 -1.09 - 2.1	0.0/02.6	47967
2001 FW ₅₅	2003 09 02.5	22 44.94 +00 00.2	19.1 -0.87 - 4.8	2.6/05.0	13832
1999 RX ₂₅₂	2003 09 02.6	22 44.92 -02 23.5	18.4 -1.00 - 0.5	2.4/04.1	33090
2001 AV ₄₅	2003 09 02.6	22 44.92 -29 36.9	20.6 -0.91 - 4.4	6.7/26.4	48005
1998 HD ₂₂	2003 09 02.6	22 44.94 -23 54.6	18.7 -1.11 + 0.4	6.2/29.7	30268
2000 AH ₂₁₅	2003 09 02.6	22 44.95 -05 07.9	18.8 -0.79 - 4.7	1.0/03.5	19489

2003 AUG. 6

M.P.C. 49373

2001 FH ₉₆	2003 09 02.6	22 44.97 -07 57.0 18.8	-0.66 - 9.3	0.0/02.6	33395
2001 FV	2003 09 02.6	22 44.97 +02 14.2 18.9	-0.71 - 6.7	3.0/06.2	31942
2000 UU ₄₃	2003 09 02.6	22 44.99 -10 03.7 17.4	-0.85 - 2.9	1.2/02.0	13790
2002 CE ₃₃	2003 09 02.6	22 44.99 -16 15.5 20.2	-1.07 - 3.8	3.4/31.3	48199
2000 YR ₉₉	2003 09 02.6	22 45.06 -05 49.5 18.8	-0.93 - 4.9	0.9/03.3	48001
2000 YO ₁₃₁	2003 09 02.6	22 45.09 -04 19.0 19.3	-1.04 - 3.2	1.5/03.6	12267
2002 GQ ₁₀₅	2003 09 02.6	22 45.10 -19 40.9 19.3	-0.80 - 5.4	3.7/29.8	32005
1999 UH ₁₁	2003 09 02.6	22 45.12 -05 29.8 19.6	-0.84 - 3.9	0.9/03.4	10918
2002 KT ₁	2003 09 02.6	22 45.12 -02 32.4 18.6	-0.83 - 4.1	1.9/04.3	35198
2002 JB ₁₂₇	2003 09 02.6	22 45.20 +15 46.3 19.2	-0.68 - 8.6	7.0/12.3	32032
2002 CO ₅₁	2003 09 02.6	22 45.22 -07 35.2 19.9	-0.95 - 5.1	0.1/02.8	30646
2002 EV ₁₂₅	2003 09 02.6	22 45.24 -06 31.9 19.4	-0.80 - 8.9	0.4/03.2	33973
2000 UD ₁₀₂	2003 09 02.6	22 45.25 -04 02.5 17.7	-0.99 - 2.7	1.9/03.8	47982
1994 PH ₁₀	2003 09 02.7	22 45.40 -06 18.9 18.8	-0.88 - 3.2	0.6/03.2	11470
3481 T-3	2003 09 02.7	22 45.51 -14 36.1 18.5	-1.00 - 3.5	2.7/31.8	30774
1999 TF ₁₇₀	2003 09 02.7	22 45.54 -12 12.1 18.0	-0.90 - 3.1	1.6/01.5	31869
1999 RV ₁₃	2003 09 02.7	22 45.55 -12 17.9 18.7	-0.86 - 6.1	1.8/01.3	47787
1999 TE ₁₇₀	2003 09 02.7	22 45.60 -16 07.7 19.1	-0.93 - 2.6	2.8/31.4	35483
2002 JC ₁₀₃	2003 09 02.7	22 45.61 -12 10.7 19.6	-0.78 - 5.1	1.4/01.4	31732
2001 FO ₄₂	2003 09 02.7	22 45.62 -08 24.0 19.3	-0.74 - 4.3	0.1/02.6	48019
2001 DH ₁₀₄	2003 09 02.7	22 45.62 -09 04.0 19.5	-0.80 - 5.8	0.4/02.4	35025
1999 RM ₈₄	2003 09 02.7	22 45.65 -05 22.6 18.9	-0.93 - 3.2	0.9/03.5	13605
2000 YC ₄	2003 09 02.7	22 45.69 -07 28.5 18.9	-0.94 - 5.9	0.2/02.9	34983
1999 NT ₅₀	2003 09 02.7	22 45.70 -06 14.0 16.8	-0.76 - 6.8	0.8/03.4	30303
1999 NW ₃₃	2003 09 02.8	22 45.64 -24 17.1 17.4	-0.83 - 5.4	7.6/28.1	30302
1999 XT ₁₂₁	2003 09 02.8	22 45.68 +13 26.8 18.6	-0.88 - 2.7	7.6/09.4	13635
1998 FB ₄₃	2003 09 02.8	22 45.69 -08 37.4 19.3	-0.98 - 4.1	0.3/02.6	33765
2001 FJ ₉₃	2003 09 02.8	22 45.70 -20 10.3 18.8	-0.81 - 2.6	3.6/30.1	12062
1999 TT ₂₁₂	2003 09 02.8	22 45.73 -09 27.0 19.6	-0.85 - 3.7	0.5/02.3	47810
1999 UZ ₁₅	2003 09 02.8	22 45.76 -11 53.3 19.2	-0.83 - 5.3	1.5/01.5	47815
2000 AZ ₇₈	2003 09 02.8	22 45.88 -10 23.2 17.8	-0.81 - 7.7	0.9/02.0	1561
1998 SG ₉₃	2003 09 02.8	22 45.94 -10 10.2 19.3	-0.80 - 3.7	0.9/02.1	47748
2000 YG ₈₇	2003 09 02.8	22 45.97 -09 31.0 20.1	-0.92 - 6.3	0.6/02.3	48000
2000 WY ₇₇	2003 09 02.8	22 45.99 -04 49.3 17.5	-0.93 - 2.4	1.5/03.7	33312
2001 BD ₄₂	2003 09 02.8	22 46.00 -03 59.2 19.1	-0.87 -13.1	1.3/04.3	13807
1999 XO ₇₈	2003 09 02.8	22 46.00 -06 00.4 19.4	-0.79 - 4.8	0.6/03.5	33158
2001 BG ₄₈	2003 09 02.8	22 46.01 -00 47.6 19.2	-0.76 - 7.2	2.1/05.3	33359
2000 WY ₇₀	2003 09 02.9	22 46.07 -01 49.5 17.7	-1.00 - 3.7	2.4/04.6	30427
2001 BA ₇₅	2003 09 02.9	22 46.09 -16 43.6 18.8	-0.71 - 6.4	2.6/30.8	31394
2000 SR ₁₅₄	2003 09 02.9	22 46.13 -20 04.9 17.7	-1.04 - 4.4	4.9/30.3	31915
2002 CW ₂₁₆	2003 09 02.9	22 46.16 -14 01.4 19.3	-1.07 - 2.2	2.7/01.3	29867
2001 EV ₁₈	2003 09 02.9	22 46.24 -04 31.7 19.5	-0.76 - 8.8	1.0/04.1	48016
2002 JN ₁₃₄	2003 09 02.9	22 46.28 -08 17.6 20.2	-0.82 - 5.1	0.2/02.8	33584
2000 UB	2003 09 02.9	22 46.30 +02 55.1 17.6	-0.94 - 5.9	4.2/06.4	31918
1999 TW ₂₆₇	2003 09 02.9	22 46.34 +10 19.6 18.9	-0.92 - 2.1	7.2/08.2	6258
2000 UP ₉₈	2003 09 02.9	22 46.35 -16 31.4 19.0	-1.05 - 3.3	3.4/31.5	31920
2002 GF ₃₈	2003 09 02.9	22 46.42 -12 46.3 19.9	-0.92 - 5.4	1.8/01.4	31511
1999 RA ₂₀₄	2003 09 03.0	22 46.35 -16 10.6 17.8	-1.24 + 1.6	2.8/01.1	13608
1999 RU ₂₀₉	2003 09 03.0	22 46.36 -00 14.5 19.1	-0.99 - 1.1	2.9/05.0	2656
2002 EA ₂₁	2003 09 03.0	22 46.41 -16 22.1 19.6	-0.92 - 6.0	3.4/31.3	48216
1999 TL ₂₂₁	2003 09 03.0	22 46.42 -16 01.7 18.2	-0.83 - 6.2	3.2/31.3	30325

1999 XO ₂₁	2003 09 03.0	22 46.45 -06 41.4 17.6	-0.73 - 8.2	0.4/03.4	33843
2000 YF ₆₃	2003 09 03.0	22 46.48 -06 28.7 18.4	-0.96 - 5.1	0.6/03.4	12262
2001 DY ₇	2003 09 03.0	22 46.48 -09 49.7 20.2	-0.79 - 5.7	0.6/02.4	10792
2001 FX ₁₀₀	2003 09 03.0	22 46.50 -21 47.6 19.5	-0.84 - 2.7	3.9/29.7	30454
2000 SY ₂₃₉	2003 09 03.0	22 46.53 -13 48.1 18.2	-0.96 - 1.8	3.2/01.4	47961
1998 ST ₁₅₈	2003 09 03.0	22 46.66 -13 09.2 18.8	-0.84 - 2.8	1.7/01.5	16858
2000 YX ₈₅	2003 09 03.0	22 46.68 -26 35.6 19.2	-0.82 - 6.7	5.3/27.5	33890
2001 DU ₇₅	2003 09 03.0	22 46.70 -04 43.2 19.0	-0.77 - 3.6	0.9/04.0	48013
2001 DC ₁₀₀	2003 09 03.0	22 46.70 -02 13.5 20.3	-0.87 - 5.1	1.8/04.8	48014
1998 WY ₄	2003 09 03.0	22 46.73 -06 16.2 18.5	-0.69 - 9.2	0.4/03.6	31845
2001 HD ₇	2003 09 03.0	22 46.73 +16 27.8 20.0	-0.66 - 5.9	6.0/12.1	31946
2000 AH ₁₉₄	2003 09 03.0	22 46.77 -04 48.7 18.7	-0.66 - 7.4	0.8/04.2	13130
1999 RO ₂₃₄	2003 09 03.0	22 46.80 -18 59.2 18.5	-0.94 - 7.0	4.6/30.3	33824
2000 SQ ₂₉₅	2003 09 03.1	22 46.73 -06 56.3 17.3	-1.00 - 3.1	0.4/03.3	30404
2002 JC ₃₈	2003 09 03.1	22 46.74 -24 14.9 18.0	-0.79 - 4.6	5.2/28.6	33998
1998 BX	2003 09 03.1	22 46.77 -10 38.1 17.9	-0.64 - 4.8	0.8/02.1	47721
2000 YT ₁₃₉	2003 09 03.1	22 46.78 -19 59.0 18.7	-0.79 - 8.8	4.5/29.7	30444
2002 EB ₇₁	2003 09 03.1	22 46.82 -02 24.4 18.2	-0.78 - 8.6	2.3/05.0	31979
2001 FJ ₃	2003 09 03.1	22 46.83 -07 22.4 19.7	-0.71 - 5.6	0.1/03.3	48017
2000 HR ₂₄	2003 09 03.1	22 46.89 +09 47.6 20.4	-0.47 - 3.5	3.0/09.6	47887
2000 WO ₁₀₉	2003 09 03.1	22 46.90 -20 32.7 18.5	-1.02 - 4.0	5.1/30.3	31925
2001 CQ ₁₂	2003 09 03.1	22 46.91 -13 47.5 20.9	-0.82 - 5.7	1.7/01.2	48008
2000 VU ₃₅	2003 09 03.1	22 46.92 +01 59.5 17.0	-0.85 - 6.7	4.8/06.0	31349
2001 FJ ₂	2003 09 03.1	22 46.97 -01 51.5 19.1	-0.70 - 6.8	1.6/05.2	48017
1999 UH ₈	2003 09 03.1	22 47.03 -28 27.0 19.0	-0.99 - 1.3	8.5/27.9	34798
2000 RR ₅₅	2003 09 03.1	22 47.05 -23 05.3 17.1	-0.94 - 5.8	6.5/29.1	31913
2002 CM ₂₂₁	2003 09 03.1	22 47.06 -17 10.8 17.4	-1.02 - 1.7	4.3/31.6	35160
2002 JO ₁₀₃	2003 09 03.1	22 47.13 -19 13.9 19.8	-0.77 - 4.5	3.6/30.5	32030
1999 XO ₁₀₆	2003 09 03.2	22 47.08 +18 44.3 17.6	-0.79 - 2.7	11.7/12.4	46389
2001 DF	2003 09 03.2	22 47.08 -16 02.6 19.7	-0.90 - 5.0	2.6/31.6	12292
1998 QV ₉₆	2003 09 03.2	22 47.09 +07 21.5 17.6	-0.84 - 2.1	4.9/07.7	13573
1998 DE ₁	2003 09 03.2	22 47.11 -00 53.6 19.9	-0.92 - 5.4	2.4/05.3	31811
1981 ES ₂	2003 09 03.2	22 47.13 +04 34.0 18.7	-0.98 - 4.2	4.8/06.9	33750
1999 RC ₂₀₈	2003 09 03.2	22 47.14 +13 58.7 18.7	-0.80 - 6.4	7.8/11.0	47797
1999 XM ₂₄₄	2003 09 03.2	22 47.15 -13 12.3 17.9	-0.79 - 6.2	2.0/01.4	35499
2000 XE ₃₄	2003 09 03.2	22 47.20 +28 29.7 18.5	-1.32 + 6.1	15.8/10.6	9891
1999 TL ₁₆₄	2003 09 03.2	22 47.20 +10 09.8 18.7	-0.79 - 7.1	6.2/09.7	31869
2001 FX ₁	2003 09 03.2	22 47.21 -37 05.3 19.1	-1.49 + 4.2	10.3/27.4	13822
2002 JH ₁₄₅	2003 09 03.2	22 47.23 -00 08.6 19.7	-0.77 - 9.3	2.4/06.0	33587
1999 OZ ₁	2003 09 03.2	22 47.27 +20 29.5 16.8	-0.78 - 1.9	13.2/13.6	47786
1992 SX ₄	2003 09 03.2	22 47.28 -11 03.2 20.0	-0.90 - 6.3	1.2/02.2	30243
1998 QK ₄₈	2003 09 03.2	22 47.31 -03 20.8 17.9	-0.85 - 2.3	1.4/04.5	30274
2000 SB ₂₃₀	2003 09 03.2	22 47.32 -10 31.7 18.5	-1.01 - 5.2	1.1/02.4	30400
2000 SA ₁₂₁	2003 09 03.2	22 47.34 -11 53.7 18.4	-0.91 - 7.8	1.9/01.9	30393
1999 WS ₁₆	2003 09 03.2	22 47.35 -16 01.1 19.8	-0.91 - 3.8	2.7/31.7	12203
2002 ET ₉₃	2003 09 03.2	22 47.35 -09 09.8 19.3	-0.95 - 4.9	0.6/02.8	48221
2002 BA ₂₇	2003 09 03.2	22 47.35 -16 26.9 19.2	-0.98 - 5.9	3.1/31.5	30634
2002 CV ₂₉₈	2003 09 03.2	22 47.35 -05 03.8 18.9	-0.89 - 6.5	1.2/04.1	41764
2000 VT ₄₈	2003 09 03.2	22 47.37 -09 18.3 18.7	-1.01 - 5.7	0.7/02.8	33885
2000 SA ₂₅₈	2003 09 03.2	22 47.42 -02 55.0 18.8	-0.92 - 6.4	2.3/04.8	33270
1998 SX ₆₂	2003 09 03.2	22 47.46 -19 32.1 18.6	-0.89 - 1.8	3.7/30.8	13579

2001 BR ₅₀	2003 09 03.2	22 47.47	-30 44.2	19.7	-1.03	+	0.8	6.3/28.1	13807
1999 TR ₁₈₇	2003 09 03.2	22 47.49	+01 30.2	18.4	-0.92	-	2.0	3.0/05.9	12175
2002 CQ ₁₁₂	2003 09 03.2	22 47.50	-13 39.9	19.1	-1.01	-	3.0	2.1/01.6	31968
1994 BM ₂	2003 09 03.2	22 47.52	-00 33.4	18.9	-0.95	-	3.9	2.9/05.4	47690
2002 BX ₁₆	2003 09 03.2	22 47.52	-09 06.3	18.3	-0.90	-	8.0	0.6/02.8	38332
2002 LA ₅₈	2003 09 03.3	22 47.46	-28 16.3	19.4	-0.83	-	6.3	6.7/27.0	33633
1999 RD ₈₁	2003 09 03.3	22 47.47	-15 28.0	18.6	-0.92	-	1.4	3.6/01.1	15644
2001 DC ₄₄	2003 09 03.3	22 47.50	-05 14.3	18.2	-0.85	-	2.3	0.8/04.0	13814
1999 XO ₄₆	2003 09 03.3	22 47.52	-36 39.9	19.1	-0.99	-	3.4	10.8/23.8	40411
2001 BZ ₄₂	2003 09 03.3	22 47.56	-01 43.2	20.4	-0.82	-	5.7	1.7/05.3	12277
2001 DY ₇₁	2003 09 03.3	22 47.57	-06 24.4	18.1	-0.81	-	2.2	0.4/03.7	48012
2002 GD ₃₇	2003 09 03.3	22 47.58	-22 14.0	17.1	-0.97	-	2.3	6.8/30.1	33979
2000 SX ₃₂₀	2003 09 03.3	22 47.59	-02 10.7	18.2	-0.96	-	5.8	2.2/05.0	31917
2002 GL ₄₅	2003 09 03.3	22 47.59	-08 36.9	20.1	-0.94	-	5.2	0.3/03.0	31995
2000 XJ ₃₄	2003 09 03.3	22 47.60	-04 23.7	18.3	-0.94	-	1.7	1.1/04.2	11010
2001 FW ₁₉₂	2003 09 03.3	22 47.60	-17 09.2	19.3	-0.71	-	6.5	2.8/31.0	46527
2002 EF ₄₀	2003 09 03.3	22 47.61	-05 08.2	19.9	-0.92	-	6.4	0.9/04.1	30707
2002 GQ ₉₅	2003 09 03.3	22 47.62	+04 32.0	17.2	-0.71	-	6.2	5.2/07.7	48229
1999 JA ₁₃	2003 09 03.3	22 47.65	-04 00.6	17.3	-0.89	-	7.4	1.6/04.6	27618
2000 RS ₅₇	2003 09 03.3	22 47.67	-09 51.0	18.4	-1.14	-	1.9	0.9/02.8	29294
1998 FD ₉₂	2003 09 03.3	22 47.79	-26 12.6	19.6	-1.08	-	1.2	6.6/29.4	30266
2002 CZ ₄₉	2003 09 03.3	22 47.81	+03 15.9	17.5	-0.91	-	7.0	4.6/07.1	27832
2000 XX ₂₃	2003 09 03.3	22 47.81	-02 44.4	18.4	-0.93	-	3.5	1.7/04.8	31928
2002 CV ₂₄₆	2003 09 03.3	22 47.85	-10 29.0	18.4	-0.77	-	7.1	1.4/02.4	30690
1999 RL ₂₀₄	2003 09 03.3	22 47.85	+00 54.8	19.1	-0.94	-	2.2	2.8/06.0	10899
1993 TT ₁₉	2003 09 03.3	22 47.85	-11 40.1	19.5	-0.77	-	4.3	1.2/02.1	41520
1999 TT ₁₈₀	2003 09 03.3	22 47.86	-12 23.2	18.5	-0.78	-	5.3	1.4/01.8	13614
2002 GF	2003 09 03.3	22 47.86	-45 32.5	20.9	-1.08	-	4.3	11.3/20.9	31498
1999 XN ₁₃	2003 09 03.3	22 47.87	-20 31.7	17.1	-0.74	-	8.1	5.1/29.7	31880
1998 DX ₁₅	2003 09 03.3	22 47.88	-19 15.4	19.6	-0.90	-	12.1	3.7/30.1	38184
1998 UY ₂₈	2003 09 03.4	22 47.85	-12 50.0	19.1	-0.72	-	5.9	1.5/01.6	31840
2000 WO ₃₉	2003 09 03.4	22 47.89	-10 42.3	18.7	-0.95	-	8.4	1.2/02.4	18301
1999 UT ₄₃	2003 09 03.4	22 47.91	-15 34.9	17.2	-1.13	+	3.1	3.6/01.7	30329
2002 GL ₁₁₅	2003 09 03.4	22 47.92	-11 51.0	18.1	-0.80	-	10.5	1.8/01.9	31586
2002 FY ₉	2003 09 03.4	22 47.94	+01 01.1	20.4	-0.90	-	5.8	2.9/06.2	30731
1997 GC ₂₁	2003 09 03.4	22 47.94	-11 04.1	19.6	-0.86	-	3.8	1.1/02.4	10840
1998 WR ₄	2003 09 03.4	22 47.94	+21 30.1	18.2	-0.95	-	13.2	11.9/15.2	47757
2000 AM ₈₃	2003 09 03.4	22 47.95	-16 54.8	19.7	-0.70	-	5.1	2.4/31.3	47841
2001 BD ₂₉	2003 09 03.4	22 47.98	-15 02.3	19.4	-0.90	-	8.9	2.6/31.9	12275
2000 UR ₃₄	2003 09 03.4	22 47.99	-00 41.3	19.1	-0.96	-	6.2	2.7/05.6	31918
2002 ES ₅₈	2003 09 03.4	22 48.04	-02 51.0	18.4	-0.85	-	6.6	2.2/05.0	48219
2001 DA ₂₁	2003 09 03.4	22 48.06	-16 49.7	19.1	-0.92	-	6.1	3.3/31.4	11866
2001 AO ₁₅	2003 09 03.4	22 48.07	-09 14.2	18.7	-0.78	-	6.6	0.5/02.9	33891
2002 FZ ₉	2003 09 03.4	22 48.11	-00 41.3	18.1	-0.91	-	5.9	2.7/05.7	31987
2000 YX ₄₂	2003 09 03.4	22 48.18	-09 39.6	17.5	-0.75	-	9.1	0.9/02.7	47999
2002 AO ₁₉₄	2003 09 03.4	22 48.18	-02 18.7	19.0	-0.97	-	5.1	1.9/05.1	31964
2002 CC ₁₁₃	2003 09 03.5	22 48.17	-10 01.8	18.1	-0.97	-	4.4	1.1/02.8	29827
2002 HH ₇	2003 09 03.5	22 48.17	-25 38.9	19.4	-0.90	-	4.5	5.8/28.7	32011
1999 UA ₅₉	2003 09 03.5	22 48.23	+10 55.3	19.0	-0.84	-	3.4	5.9/09.4	47818
1998 FN ₁₃₈	2003 09 03.5	22 48.27	-47 23.9	17.7	-2.23	+	20.6	20.4/04.3	30267
1999 WF ₁₇	2003 09 03.5	22 48.27	-14 39.4	18.5	-0.91	-	4.6	2.8/01.3	12203

2001 GQ ₃	2003 09 03.5	22 48.29	-08 45.4	18.7	-0.66	-	10.0	0.3/03.1	14427
1999 TZ ₁₈₄	2003 09 03.5	22 48.29	-00 20.0	18.1	-1.07	+	1.4	3.0/05.2	12175
1999 RK ₇₆	2003 09 03.5	22 48.29	-05 08.0	19.2	-0.84	-	7.2	0.9/04.4	47790
2001 EG ₁₄	2003 09 03.5	22 48.31	-29 42.1	18.7	-0.91	-	2.1	6.9/27.6	13272
2000 YP ₉₄	2003 09 03.5	22 48.31	-01 10.7	19.6	-0.86	-	4.7	2.2/05.5	31380
2000 YO ₃₇	2003 09 03.5	22 48.34	-07 19.4	18.9	-0.93	-	6.3	0.1/03.6	31930
2000 YW ₉₁	2003 09 03.5	22 48.34	-07 37.4	17.7	-0.87	-	3.6	0.0/03.5	31379
1999 RF ₄₂	2003 09 03.5	22 48.37	-06 52.9	18.9	-0.89	-	3.4	0.3/03.8	47788
2000 WF ₂₇	2003 09 03.5	22 48.42	+03 34.7	19.3	-0.86	-	3.2	3.3/06.9	47988
2002 JH ₈₄	2003 09 03.5	22 48.46	-05 32.0	21.0	-0.91	-	6.0	0.7/04.2	48235
2000 UD ₃₇	2003 09 03.5	22 48.49	-12 15.6	19.3	-0.97	-	6.2	1.9/02.1	7615
1999 VX ₁₄₃	2003 09 03.5	22 48.53	+05 05.9	18.3	-0.79	-	5.5	4.9/07.8	33839
2000 HP ₃₃	2003 09 03.5	22 48.54	-18 29.4	17.7	-0.81	-	30.9	4.8/29.6	47887
2000 YO ₃₈	2003 09 03.5	22 48.54	-16 44.3	17.2	-0.83	-	8.8	4.0/31.3	29635
2002 CQ ₂₁₉	2003 09 03.5	22 48.55	-09 18.7	22.2	-0.94	-	3.9	0.5/03.1	30684
2002 AX ₂	2003 09 03.5	22 48.66	-57 36.9	17.5	-1.56	+	0.2	22.7/17.0	30603
2001 GJ ₁	2003 09 03.6	22 48.54	-41 50.7	18.8	-0.88	-	3.5	9.0/22.0	33907
2001 AZ ₉	2003 09 03.6	22 48.55	-05 10.4	18.5	-0.90	-	6.6	0.9/04.4	31385
2002 ET ₇₃	2003 09 03.6	22 48.57	-12 30.8	18.4	-0.98	-	2.5	1.8/02.2	30019
2000 DG	2003 09 03.6	22 48.58	+00 12.9	17.2	-0.93	+	0.7	2.7/05.6	40459
1999 VH ₁₁₅	2003 09 03.6	22 48.58	+14 35.0	18.7	-0.85	-	2.6	9.3/10.7	47823
2000 VE ₂₇	2003 09 03.6	22 48.62	-20 01.3	18.4	-0.94	-	6.5	4.7/30.5	31921
1998 RU ₁₁	2003 09 03.6	22 48.63	-02 00.5	18.7	-0.70	-	7.1	1.7/05.6	31824
2001 FW ₉₃	2003 09 03.6	22 48.65	-19 17.6	19.7	-0.80	-	6.7	3.6/30.6	12063
2001 FS ₁₄₂	2003 09 03.6	22 48.66	+05 37.4	19.0	-0.84	-	1.4	3.9/07.5	41680
2001 BU ₆₅	2003 09 03.6	22 48.68	+09 19.5	18.1	-0.86	-	1.2	5.1/08.7	30448
2000 US ₆₉	2003 09 03.6	22 48.69	-11 41.3	20.1	-0.97	-	4.4	1.4/02.4	47980
1999 TS ₂₅₆	2003 09 03.6	22 48.71	-05 45.4	19.4	-0.83	-	6.1	0.7/04.2	11605
1999 XU ₁₉₇	2003 09 03.6	22 48.81	-18 39.1	19.1	-0.80	-	3.1	2.9/31.2	9783
1999 UD ₅₀	2003 09 03.6	22 48.85	-04 47.4	18.4	-0.79	-	6.2	1.0/04.6	31873
1999 TC ₁₈₇	2003 09 03.6	22 48.92	+09 18.9	19.5	-0.89	-	3.1	5.8/08.8	13614
1999 XD ₂₃₀	2003 09 03.6	22 48.96	+16 46.8	18.0	-0.87	-	2.9	9.3/11.7	47836
2002 CW ₂₇₂	2003 09 03.7	22 48.90	-27 46.3	18.3	-0.87	-	3.1	7.2/28.5	31973
1999 TM ₉₂	2003 09 03.7	22 48.92	-10 46.6	18.4	-0.84	-	6.8	1.2/02.6	31866
2000 WO ₁₉₁	2003 09 03.7	22 48.97	-09 03.7	17.9	-0.88	-	8.8	0.6/03.2	31927
1999 VY ₁₆₆	2003 09 03.7	22 48.98	-22 17.4	18.2	-0.90	-	2.0	6.0/30.4	31878
2002 CX ₂₇₂	2003 09 03.7	22 49.00	-27 08.6	17.3	-0.88	-	5.4	8.0/28.2	31973
2002 EY ₃₉	2003 09 03.7	22 49.04	-07 26.2	19.3	-0.89	-	6.4	0.0/03.8	30707
2000 AL ₆₆	2003 09 03.7	22 49.07	-07 51.1	18.1	-0.80	-	2.1	0.1/03.6	40432
1999 TK ₁₂₉	2003 09 03.7	22 49.08	-17 18.8	19.0	-1.14	+	2.7	4.4/01.6	29129
2000 EY ₈₇	2003 09 03.7	22 49.08	+11 58.1	18.1	-0.72	-	4.8	5.4/10.4	47866
2001 FA ₄₂	2003 09 03.7	22 49.09	-09 31.6	19.7	-0.86	-	3.2	0.6/03.1	13829
1999 XG ₅₄	2003 09 03.7	22 49.11	-25 43.1	17.9	-0.82	-	4.4	5.4/28.7	33845
1999 TU ₄	2003 09 03.7	22 49.13	-28 57.4	17.5	-1.18	+	3.9	9.6/30.0	29107
1999 YW ₅	2003 09 03.7	22 49.19	+28 29.5	18.2	-1.46	+	9.4	15.1/08.8	38862
1999 RZ ₃₈	2003 09 03.7	22 49.21	-19 13.9	17.8	-0.93	-	6.8	4.4/30.8	13605
1998 TM ₂₉	2003 09 03.7	22 49.27	-08 01.6	20.7	-0.71	-	4.1	0.1/03.6	47752
2002 EJ ₁₁₈	2003 09 03.7	22 49.28	-05 01.8	18.8	-0.87	-	5.1	1.1/04.6	35174
1998 XU ₂₈	2003 09 03.8	22 49.35	-12 37.9	18.7	-0.76	-	4.4	1.7/02.2	15608
2002 GO ₅₇	2003 09 03.8	22 49.39	+08 43.5	19.0	-0.86	-	5.7	6.0/09.4	31530
2000 AL ₁₀₇	2003 09 03.8	22 49.41	-24 58.8	18.3	-0.74	-	7.3	5.1/28.4	31891

2003 AUG. 6

M.P.C. 49375

2002 CF ₃₇	2003 09 03.8	22 49.41	-14 18.4	18.9	-0.94	- 8.3	2.8/01.6	27830
2002 EP	2003 09 03.8	22 49.43	-05 38.8	19.6	-0.87	- 6.7	0.7/04.4	48215
2001 FK ₁₂₅	2003 09 03.8	22 49.45	-04 59.7	20.5	-0.81	- 6.0	0.8/04.7	48024
2002 GQ ₄₄	2003 09 03.8	22 49.48	+04 13.9	18.1	-0.85	- 5.1	5.4/07.7	31517
2002 JU ₁₀₁	2003 09 03.8	22 49.51	+00 45.2	19.8	-0.88	- 6.1	2.9/06.5	33572
2000 SW ₃₀₄	2003 09 03.8	22 49.52	-07 23.3	18.1	-1.08	- 2.9	0.0/03.9	29415
2002 CF ₈₄	2003 09 03.8	22 49.59	-08 16.4	18.5	-0.91	- 6.9	0.3/03.6	30654
1998 HM ₁₄₁	2003 09 03.8	22 49.60	+02 16.0	18.0	-0.79	-11.2	3.6/07.5	31816
2002 CN ₅₉	2003 09 03.8	22 49.61	-09 13.7	19.5	-0.97	- 4.4	0.7/03.4	48201
2001 DO ₁₀₄	2003 09 03.8	22 49.63	-05 57.2	19.1	-0.78	- 4.7	0.5/04.4	38291
2002 EW ₁₃₈	2003 09 03.9	22 49.61	-06 59.9	18.1	-0.72	- 9.9	0.2/04.1	30079
2002 GF ₇₅	2003 09 03.9	22 49.67	-06 27.6	20.0	-0.93	- 5.0	0.4/04.2	31545
1999 VA ₁₃₀	2003 09 03.9	22 49.67	-12 44.8	19.6	-0.88	- 3.7	1.9/02.3	47823
2002 JF ₂₄	2003 09 03.9	22 49.71	-12 46.3	20.9	-0.85	- 5.5	1.7/02.2	30191
1999 TS ₂₂₅	2003 09 03.9	22 49.80	-06 43.5	19.2	-0.92	- 4.1	0.3/04.2	30326
1999 YQ ₉	2003 09 03.9	22 49.87	-06 57.5	18.2	-0.84	- 2.0	0.1/04.1	13641
2001 DV ₉₇	2003 09 03.9	22 49.98	-17 45.5	17.9	-0.72	- 8.2	3.6/31.2	31403
1999 XE ₂₃	2003 09 03.9	22 50.00	-15 17.3	17.7	-0.88	- 3.2	3.6/01.6	29192
2000 BZ ₂₇	2003 09 03.9	22 50.00	-07 41.2	18.1	-0.72	- 4.8	0.1/03.9	31896
1999 RQ ₂₁₉	2003 09 03.9	22 50.00	-15 09.4	17.1	-0.64	-14.5	3.4/31.7	34779
1999 UW ₄₅	2003 09 03.9	22 50.01	-17 07.7	19.7	-1.07	+ 0.8	4.1/01.6	47817
2002 GJ ₉₈	2003 09 03.9	22 50.02	-00 47.3	19.5	-0.87	- 7.5	2.6/06.2	35184
2001 FK ₄₀	2003 09 04.0	22 49.99	-06 30.7	19.7	-0.86	- 6.1	0.3/04.3	13829
2000 SG ₁₂₂	2003 09 04.0	22 50.01	-13 05.7	17.5	-0.91	- 8.1	2.7/02.1	31915
1998 HA ₁₅	2003 09 04.0	22 50.04	-11 28.2	19.1	-0.96	- 6.3	1.5/02.7	31814
2002 JV ₁₀₂	2003 09 04.0	22 50.08	-37 04.1	20.0	-0.86	- 3.0	8.2/24.8	48236
2002 HZ ₅	2003 09 04.0	22 50.13	-07 05.9	20.7	-0.79	- 5.5	0.1/04.1	48231
2000 WL ₁₂₂	2003 09 04.0	22 50.14	+01 51.0	19.2	-0.83	- 8.7	3.2/07.3	29577
2000 XN ₁	2003 09 04.0	22 50.20	-15 55.7	19.1	-0.88	- 5.8	3.0/01.3	35537
2002 HO ₁₀	2003 09 04.0	22 50.27	+06 23.5	19.3	-0.88	- 4.7	4.6/08.5	32012
2001 BQ ₂₆	2003 09 04.0	22 50.35	-10 27.3	20.0	-0.73	- 5.0	0.8/03.1	12274
1999 TT ₁₇	2003 09 04.1	22 50.34	-10 36.4	19.6	-0.85	- 4.5	1.0/03.1	10905
2000 UR ₉₅	2003 09 04.1	22 50.35	-14 53.1	18.3	-1.06	- 2.6	3.1/02.0	47982
2000 YZ ₉₂	2003 09 04.1	22 50.37	+10 18.4	18.7	-0.87	- 4.3	5.9/09.9	33890
1999 RW ₁₈₉	2003 09 04.1	22 50.40	-16 27.5	19.3	-0.93	- 4.0	3.6/01.3	33086
1999 XK ₂₄₁	2003 09 04.1	22 50.41	-39 11.5	18.0	-0.97	- 1.9	9.6/23.9	31887
2000 SB ₁₆₁	2003 09 04.1	22 50.42	-34 16.4	18.7	-1.00	- 3.6	8.7/26.0	33883
1998 QJ ₈₅	2003 09 04.1	22 50.42	+15 28.5	17.7	-0.85	- 1.9	7.2/11.3	12133
1999 XL ₉	2003 09 04.1	22 50.44	+05 58.1	18.8	-0.79	- 4.4	5.4/08.5	47828
1995 UP ₅₇	2003 09 04.1	22 50.48	-07 45.5	20.0	-0.91	- 3.9	0.1/04.0	27584
2001 FE ₁₇	2003 09 04.1	22 50.52	-04 45.2	18.7	-0.68	- 5.3	0.7/05.0	13285
2000 UM ₆₃	2003 09 04.1	22 50.53	-03 42.2	17.1	-0.87	- 4.3	1.9/05.3	13792
2002 LJ ₉	2003 09 04.1	22 50.58	-24 04.0	18.6	-0.76	- 5.2	4.9/29.4	34012
2000 SU ₈	2003 09 04.1	22 50.59	-03 25.0	19.4	-0.99	- 5.9	1.7/05.4	31331
1999 TT ₁₀₀	2003 09 04.1	22 50.59	+12 45.8	19.2	-0.76	-10.3	5.4/11.8	33828
2002 JF ₁₃₀	2003 09 04.1	22 50.68	-07 38.4	19.2	-0.70	- 6.3	0.1/04.1	48237
1999 VJ ₆₆	2003 09 04.1	22 50.69	-25 17.3	18.9	-0.95	- 3.8	6.4/29.3	13622
2000 SM ₁₂₃	2003 09 04.1	22 50.72	-21 27.1	18.4	-1.05	- 5.3	5.4/30.8	31915
2000 AK ₉₆	2003 09 04.1	22 50.74	-18 45.9	18.9	-0.72	- 8.5	3.2/30.9	47841
1997 AA ₄	2003 09 04.2	22 50.71	-03 36.4	18.1	-0.90	- 4.6	1.6/05.3	47708
1999 TG ₁₃₀	2003 09 04.2	22 50.77	-09 02.3	19.3	-0.92	- 3.7	0.6/03.7	22119

2000 UU ₂	2003 09 04.2	22 50.79	-02 35.9	19.4	-0.91	- 6.2	1.7/05.7	31918
2001 DC ₃₆	2003 09 04.2	22 50.84	-06 00.5	18.8	-0.86	- 3.6	0.5/04.6	10804
1999 JP ₁₁₈	2003 09 04.2	22 50.84	-16 04.9	18.7	-0.99	- 6.3	3.4/01.5	29038
2001 FR ₁₂₉	2003 09 04.2	22 50.97	+00 57.1	20.0	-0.70	- 6.4	2.4/07.2	48025
2002 GZ ₁₂₈	2003 09 04.2	22 50.99	-06 00.5	18.7	-0.87	- 5.4	0.5/04.7	35185
2000 XU ₉	2003 09 04.2	22 51.08	+19 33.3	17.9	-1.25	+ 2.5	9.6/10.3	35537
1998 WL ₁₃	2003 09 04.2	22 51.10	+13 03.9	17.9	-0.75	- 3.3	6.8/11.1	31845
2001 BY ₇₆	2003 09 04.2	22 51.10	-08 09.3	18.8	-0.76	-10.9	0.3/04.0	48008
2002 JP ₃₆	2003 09 04.3	22 51.10	-05 34.3	18.5	-0.77	- 7.5	0.5/04.9	38335
2002 GU ₈₇	2003 09 04.3	22 51.13	-10 22.6	18.3	-0.80	- 9.4	1.3/03.2	48229
2000 YZ ₁₀₂	2003 09 04.3	22 51.17	-13 02.3	18.3	-0.70	- 8.1	1.6/02.3	48001
2000 WC ₁₄₄	2003 09 04.3	22 51.25	-11 04.7	19.2	-0.83	- 5.8	1.1/03.1	33887
1999 TW ₁₁₁	2003 09 04.3	22 51.28	-04 00.7	18.9	-0.90	- 5.1	1.2/05.4	12171
1999 XJ ₁₁	2003 09 04.3	22 51.31	+04 03.7	19.1	-0.85	- 3.5	4.0/07.8	11685
2002 BR ₁₅	2003 09 04.3	22 51.33	-00 11.6	19.1	-0.95	- 6.2	2.7/06.6	30632
2002 JQ ₁₁₁	2003 09 04.3	22 51.41	+03 35.5	19.2	-0.78	- 3.7	3.4/07.9	48236
2001 FU ₈₀	2003 09 04.3	22 51.47	+06 31.4	19.3	-0.70	- 5.0	3.7/09.1	16093
1999 VN ₉₃	2003 09 04.3	22 51.49	-03 24.1	20.3	-0.85	- 6.4	1.4/05.7	14150
1999 TX ₁₁₄	2003 09 04.4	22 51.45	-14 17.1	18.6	-1.05	- 0.4	2.5/02.6	33829
2002 EC ₂₇	2003 09 04.4	22 51.49	-09 18.7	19.7	-0.91	- 6.3	0.8/03.8	29964
2001 AN ₂₈	2003 09 04.4	22 51.50	-22 44.2	18.9	-0.91	- 3.1	4.6/30.7	12269
2002 AQ ₃₁	2003 09 04.4	22 51.54	+09 23.7	18.4	-1.49	+ 5.9	8.7/07.4	30607
1998 EU ₈	2003 09 04.4	22 51.55	-07 05.7	20.2	-0.93	- 5.3	0.1/04.5	47724
1999 VS ₂₁₁	2003 09 04.4	22 51.57	-01 51.8	19.7	-0.80	- 5.5	1.8/06.2	30336
2000 XL ₁₄	2003 09 04.4	22 51.58	+03 46.0	17.6	-0.99	- 2.3	5.0/07.6	31928
2002 BR ₂₉	2003 09 04.4	22 51.59	-22 32.9	19.6	-0.98	- 5.0	5.3/30.7	31965
2002 JP ₉₉	2003 09 04.4	22 51.60	-20 47.8	19.2	-0.78	- 9.1	4.6/30.5	31728
2001 BT ₆₄	2003 09 04.4	22 51.64	-06 29.9	18.4	-0.93	- 1.3	0.3/04.7	11832
1998 DA ₁	2003 09 04.4	22 51.68	-12 42.7	19.7	-0.92	- 7.9	2.0/02.6	28973
2000 UC ₄₂	2003 09 04.4	22 51.70	-20 55.2	17.6	-0.93	- 2.4	7.2/31.3	13790
2002 JC ₆	2003 09 04.4	22 51.71	-08 06.0	18.7	-0.80	- 9.6	0.3/04.2	48232
1998 HE ₁₄₉	2003 09 04.4	22 51.74	-27 54.9	18.0	-1.00	- 1.0	8.1/29.7	30270
2001 FD ₁₅₉	2003 09 04.4	22 51.76	-09 06.5	20.7	-0.70	- 4.6	0.5/03.9	13846
1999 XU ₁₉₁	2003 09 04.4	22 51.84	-14 34.4	20.4	-0.79	- 3.2	2.0/02.2	47835
1997 ND ₆	2003 09 04.5	22 51.79	-07 43.4	20.4	-0.70	- 5.9	0.1/04.3	47713
2002 LF ₂₅	2003 09 04.5	22 51.83	-19 38.7	18.8	-0.79	- 9.2	4.1/31.0	33608
2000 AJ ₁₃₉	2003 09 04.5	22 51.93	-29 31.5	17.0	-0.90	- 5.9	8.2/27.4	33857
2001 EU ₁₄	2003 09 04.5	22 51.93	-19 21.1	18.8	-0.71	- 6.1	3.3/31.3	33381
1999 SE ₁	2003 09 04.5	22 51.96	-13 12.6	19.3	-0.89	- 5.6	2.3/02.6	47799
2002 EK ₄₆	2003 09 04.5	22 51.97	-05 00.2	18.3	-1.01	- 1.5	0.9/05.1	30709
2000 AL ₂₅₁	2003 09 04.5	22 51.99	-12 24.8	19.5	-0.78	- 4.9	1.6/02.9	47846
2000 XD ₂₄	2003 09 04.5	22 51.99	+04 03.9	18.2	-1.01	- 2.1	4.8/07.7	33330
2002 JX ₅₀	2003 09 04.5	22 52.02	-06 52.5	18.4	-0.83	- 4.6	0.1/04.7	32021
2002 GT ₈₆	2003 09 04.5	22 52.03	-13 23.7	20.6	-0.88	- 8.3	2.3/02.4	48229
1999 RA ₇₁	2003 09 04.5	22 52.04	-06 44.8	18.0	-0.86	- 4.7	0.2/04.7	35475
2002 CK ₁₅₁	2003 09 04.5	22 52.05	-21 35.6	18.6	-0.98	- 4.1	6.0/31.2	29845
2000 SJ ₁₂₂	2003 09 04.5	22 52.06	-17 48.6	17.9	-0.99	- 5.6	3.9/01.3	33883
1999 TX ₂₄₂	2003 09 04.5	22 52.09	-19 17.1	18.6	-0.97	- 1.1	5.0/01.2	38219
2002 JC ₄₁	2003 09 04.5	22 52.13	+02 15.2	19.5	-0.88	- 6.3	3.4/07.7	31663
1999 TS ₃₄	2003 09 04.5	22 52.15	-32 07.0	18.4	-1.13	+ 0.6	10.1/28.4	40382
2001 FA ₁₄₀	2003 09 04.5	22 52.15	-07 23.7	18.0	-0.87	- 1.0	0.1/04.5	19929

2000 XY ₁₆	2003 09 04.5	22 52.17 +03 44.1 17.2	-0.99	- 0.7	5.4/07.5	47996
1999 TZ ₂₁₃	2003 09 04.5	22 52.18 -22 48.7 20.1	-0.97	- 2.1	5.3/31.0	11598
2000 RG ₄₈	2003 09 04.5	22 52.18 -02 21.3 18.2	-1.06	- 2.7	2.1/05.9	34961
2001 EK ₄	2003 09 04.6	22 52.14 -09 34.9 19.9	-0.69	- 6.7	0.6/03.8	13819
2000 CM ₇₈	2003 09 04.6	22 52.14 -08 03.1 17.3	-0.73	- 5.1	0.3/04.3	41601
2000 YB ₅₁	2003 09 04.6	22 52.14 -09 43.8 19.2	-0.90	- 7.4	1.1/03.8	47999
2002 CM ₁₁₂	2003 09 04.6	22 52.18 -20 12.8 18.9	-1.04	- 0.8	4.6/01.2	30661
1999 TB ₁₈₂	2003 09 04.6	22 52.22 +10 17.0 19.6	-0.71	-11.0	6.7/11.5	47809
1996 VJ ₁₁	2003 09 04.6	22 52.23 +03 04.3 17.6	-0.96	- 3.1	4.7/07.7	30252
2000 YR ₆₉	2003 09 04.6	22 52.26 -04 27.7 19.1	-0.92	- 6.2	1.0/05.5	33889
2001 DS ₄₁	2003 09 04.6	22 52.26 -08 36.9 19.2	-0.73	- 5.0	0.4/04.2	48011
1997 AY ₁₂	2003 09 04.6	22 52.29 -14 34.7 20.0	-0.87	- 6.1	2.4/02.2	10837
2002 CA ₁₄₁	2003 09 04.6	22 52.30 +00 22.3 17.8	-0.91	- 7.6	3.1/07.2	27523
2000 XX ₅₃	2003 09 04.6	22 52.33 -01 20.4 19.1	-0.89	- 6.1	2.2/06.5	47997
2001 EM ₁₈	2003 09 04.6	22 52.33 -11 49.9 19.0	-0.68	- 8.0	1.2/03.0	33900
2002 GA ₁₉	2003 09 04.6	22 52.35 -09 38.4 19.8	-0.92	- 4.1	0.8/03.9	30144
2000 YZ ₃₉	2003 09 04.6	22 52.36 -05 12.7 19.3	-0.92	- 6.1	0.7/05.3	47998
2000 YP ₆₅	2003 09 04.6	22 52.38 +00 23.0 19.1	-0.83	- 5.0	2.4/07.1	31931
2000 QY ₁₈₀	2003 09 04.6	22 52.40 -13 24.5 19.1	-1.01	- 4.8	2.3/02.8	10968
1999 JV ₁₅	2003 09 04.6	22 52.40 -22 32.5 18.7	-0.92	- 5.3	7.0/30.6	47778
2002 EU ₂₇	2003 09 04.6	22 52.43 -11 41.4 20.1	-0.92	- 6.5	1.7/03.2	30705
2002 CB ₅₈	2003 09 04.6	22 52.44 -08 18.3 18.9	-0.95	- 6.4	0.5/04.3	27474
1998 WR ₂₀	2003 09 04.6	22 52.46 -26 09.8 18.2	-0.81	- 4.7	5.9/29.0	16026
1999 UE ₃₇	2003 09 04.6	22 52.49 -07 51.1 20.5	-0.83	- 5.9	0.2/04.5	15646
2002 EB ₈₇	2003 09 04.6	22 52.51 -09 30.4 19.7	-0.92	- 6.5	0.8/03.9	48221
1999 XL ₁₂₄	2003 09 04.6	22 52.54 -21 02.8 16.9	-0.94	- 1.2	5.6/31.7	30341
2000 AE ₅₀	2003 09 04.6	22 52.56 -09 45.0 19.7	-0.73	- 4.9	0.7/03.8	47840
1999 KE ₇	2003 09 04.6	22 52.58 -04 48.0 19.7	-0.93	- 8.3	0.9/05.5	47783
2000 UP ₁₀₀	2003 09 04.7	22 52.51 -14 22.6 17.9	-1.04	- 4.0	2.8/02.6	47982
2001 BT ₇₁	2003 09 04.7	22 52.51 +02 29.9 19.5	-0.81	- 3.7	2.7/07.8	12282
2000 WR ₁₅₃	2003 09 04.7	22 52.52 -07 13.7 18.6	-1.00	- 1.4	0.0/04.7	13798
1999 WE ₂₄	2003 09 04.7	22 52.56 -37 21.0 20.8	-0.93	- 1.9	8.2/25.9	38223
2002 CZ ₁₁₅	2003 09 04.7	22 52.59 -50 48.7 20.0	-1.32	+ 0.9	13.3/22.5	30662
2002 EA ₁₀₆	2003 09 04.7	22 52.61 -16 52.5 19.1	-0.96	- 7.5	3.9/01.5	31982
2000 SJ ₁₇₆	2003 09 04.7	22 52.63 -05 15.9 18.2	-1.06	- 3.2	0.8/05.3	29374
2000 SQ ₂₅₆	2003 09 04.7	22 52.63 -18 35.3 18.8	-0.98	- 5.8	3.9/01.1	31916
2000 SG ₂₉₅	2003 09 04.7	22 52.68 -09 42.9 16.9	-1.07	- 0.4	1.3/04.1	30404
2001 BS ₃₀	2003 09 04.7	22 52.71 -20 08.4 17.7	-0.75	-12.2	5.0/30.6	31936
2002 EE ₁₁₉	2003 09 04.7	22 52.76 +13 18.7 18.4	-0.99	- 2.2	8.1/11.2	33538
2002 CD ₂₄₂	2003 09 04.7	22 52.76 -04 24.0 18.9	-0.92	- 5.6	1.1/06.0	30689
2002 CL ₃₁₁	2003 09 04.7	22 52.76 +00 19.8 19.6	-0.97	- 6.2	3.2/07.1	48214
1999 XO ₂₂₉	2003 09 04.7	22 52.84 -11 42.8 18.7	-0.89	- 2.8	1.4/03.4	47836
2002 BM ₁₆	2003 09 04.7	22 52.87 -07 52.1 19.5	-0.93	- 8.7	0.3/04.5	48196
2002 GU ₁₁₀	2003 09 04.7	22 52.91 +00 48.0 19.2	-0.82	- 9.8	2.9/07.7	31583
2000 XC ₃₁	2003 09 04.7	22 52.95 -30 59.4 19.4	-1.03	- 2.6	7.6/28.4	31928
2002 GG ₂₃	2003 09 04.8	22 52.87 -00 07.5 20.2	-0.91	- 6.7	2.5/07.1	48227
2001 BS ₅₉	2003 09 04.8	22 52.89 +00 25.7 19.5	-0.87	- 4.0	2.4/07.1	12279
1999 VB ₁₈₆	2003 09 04.8	22 52.91 -16 27.5 18.7	-0.83	- 4.9	3.4/01.8	29186
2002 JE ₁₀₁	2003 09 04.8	22 52.92 -36 57.8 19.5	-1.00	- 6.9	8.8/24.8	34003
2002 FC ₉	2003 09 04.8	22 52.95 +01 35.8 17.7	-0.83	- 8.1	3.7/07.9	48224
2000 SE ₂₁₂	2003 09 04.8	22 52.97 -18 57.5 18.0	-0.87	- 7.1	5.8/31.8	47959

2002 AX ₈₉	2003 09 04.8	22 52.98 +20 17.5 18.9	-1.19	- 0.7	10.3/13.1	30613
2000 VV ₄	2003 09 04.8	22 53.04 -00 51.3 19.7	-0.91	- 7.2	2.3/06.9	47983
1989 AG ₆	2003 09 04.8	22 53.11 -10 34.6 19.0	-0.71	- 4.6	0.9/03.7	14344
1994 AH ₈	2003 09 04.8	22 53.20 -08 25.3 21.3	-0.70	- 4.7	0.3/04.4	1888
2002 EO ₇₉	2003 09 04.8	22 53.29 +05 16.4 19.3	-0.79	- 7.4	4.1/09.3	31473
2000 UX ₁₂	2003 09 04.8	22 53.31 -13 47.7 18.7	-0.99	- 4.8	2.5/02.9	31918
1999 JR ₅₅	2003 09 04.9	22 53.23 -02 50.9 17.1	-0.76	- 9.4	2.0/06.4	35470
1999 UR ₁₂	2003 09 04.9	22 53.25 -23 40.0 17.4	-1.13	+ 0.3	6.5/31.5	16042
2000 WE ₃₁	2003 09 04.9	22 53.25 -19 55.6 17.6	-0.89	- 8.4	5.6/31.3	29539
1999 TN ₁₆₄	2003 09 04.9	22 53.26 +04 10.2 20.5	-0.77	- 5.6	3.1/08.7	47808
1999 LH ₅	2003 09 04.9	22 53.28 -22 57.6 17.9	-0.85	-15.5	6.4/29.6	27625
2002 GG ₁₀	2003 09 04.9	22 53.28 -05 22.5 19.2	-0.76	- 7.7	0.6/05.5	31991
1999 JU ₈₂	2003 09 04.9	22 53.31 -24 59.9 17.8	-0.86	- 7.9	8.2/29.6	47781
2002 JK ₂₇	2003 09 04.9	22 53.34 -26 21.7 18.5	-0.84	- 3.3	6.9/29.6	32018
2001 DY ₅₀	2003 09 04.9	22 53.38 -19 46.2 19.9	-0.83	- 2.5	3.7/01.1	48011
2000 YO ₁₆	2003 09 04.9	22 53.40 -22 19.3 19.1	-0.83	- 7.0	4.4/30.6	40125
2000 UZ ₃₅	2003 09 04.9	22 53.45 -12 19.0 19.0	-0.96	- 5.4	1.8/03.3	47977
2002 CW ₁₄₅	2003 09 04.9	22 53.46 -04 02.9 19.0	-0.85	- 7.9	1.1/06.0	30669
1999 TQ ₂₁₅	2003 09 04.9	22 53.46 -10 32.6 19.0	-0.85	- 5.9	1.1/03.8	13615
1998 FS ₇₂	2003 09 04.9	22 53.49 -19 33.0 19.1	-0.94	- 4.9	4.4/01.0	31813
1995 DT ₂	2003 09 04.9	22 53.50 -09 17.2 19.6	-0.94	- 7.1	0.8/04.2	28941
2000 AS ₅₈	2003 09 04.9	22 53.50 +06 20.6 19.6	-0.80	- 2.1	3.5/09.0	40431
2002 KJ ₁₀	2003 09 04.9	22 53.51 -09 06.2 19.4	-0.74	- 5.0	0.6/04.3	48238
1998 BL ₂₃	2003 09 04.9	22 53.51 -04 09.5 18.6	-1.12	- 0.5	1.3/05.7	26875
2002 AM ₁₁₇	2003 09 04.9	22 53.52 +18 54.3 16.6	-1.40	+ 3.6	11.3/11.4	29751
2000 SL ₁₆₃	2003 09 04.9	22 53.60 -03 40.6 19.6	-1.02	- 5.7	1.4/06.0	33883
1271 T-2	2003 09 04.9	22 53.65 -06 00.7 18.4	-0.81	- 5.0	0.5/05.3	31789
2000 SP ₁₈₀	2003 09 04.9	22 53.66 -17 30.2 17.1	-1.13	- 1.2	4.4/02.4	30397
2002 JO ₃₄	2003 09 05.0	22 53.62 -04 43.2 19.7	-0.82	- 6.6	0.8/05.8	31654
2000 WE ₁₆₃	2003 09 05.0	22 53.66 -08 46.3 18.5	-0.99	- 3.1	0.6/04.5	12257
1999 VC ₅₅	2003 09 05.0	22 53.71 -01 42.5 18.6	-0.81	- 5.9	2.0/06.8	31875
1999 VS ₃₇	2003 09 05.0	22 53.80 -14 27.8 18.7	-0.74	- 4.4	2.0/02.6	33837
1999 US ₄₈	2003 09 05.0	22 53.81 +16 49.4 17.4	-0.88	- 2.1	10.3/13.0	30330
2001 BH ₆₂	2003 09 05.0	22 53.81 -10 46.2 20.1	-0.75	- 8.7	1.1/03.7	48007
1999 RN ₂₄₆	2003 09 05.0	22 53.91 -19 04.8 18.9	-0.84	- 6.5	5.2/31.9	47798
2002 EC ₆₉	2003 09 05.0	22 53.91 -03 38.8 20.4	-0.93	- 6.2	1.2/06.1	48220
1999 XY ₉₂	2003 09 05.0	22 53.95 +06 46.5 18.1	-0.80	- 2.9	4.8/09.4	47831
2002 HR ₁₅	2003 09 05.0	22 53.97 -01 49.3 19.9	-0.80	- 7.6	1.8/06.9	33561
1999 WV ₁₆	2003 09 05.0	22 53.97 -05 46.8 19.4	-0.84	- 5.4	0.5/05.5	10932
1999 TZ ₂₈₉	2003 09 05.0	22 54.00 -16 49.9 19.4	-0.96	- 1.8	3.2/02.3	11608
1999 RG ₁₂₂	2003 09 05.1	22 53.96 -00 16.7 17.3	-0.67	-15.3	2.7/07.9	31859
2000 YT ₃₀	2003 09 05.1	22 53.96 -38 37.7 18.8	-0.91	- 7.4	10.7/23.5	47998
2000 WK ₈₈	2003 09 05.1	22 53.96 -01 48.4 17.2	-1.02	+ 0.2	2.6/06.0	29561
1998 EN ₂₁	2003 09 05.1	22 53.97 -17 07.2 17.9	-0.93	- 7.9	3.9/01.7	31811
1993 TM ₆	2003 09 05.1	22 53.99 -07 36.1 18.6	-1.00	- 4.6	0.2/04.9	47688
1972 FE	2003 09 05.1	22 54.05 -00 03.8 18.7	-0.80	-15.5	2.2/07.9	31800
1999 RH ₈₃	2003 09 05.1	22 54.06 -06 50.7 17.9	-0.74	-12.5	0.1/05.2	47790
2002 EJ ₂₆	2003 09 05.1	22 54.21 -00 37.2 18.5	-0.85	- 7.0	3.1/07.3	48217
2002 JZ ₆₉	2003 09 05.1	22 54.29 -30 14.3 18.7	-0.94	- 4.1	7.6/28.6	32025
1999 VY ₁₆₈	2003 09 05.1	22 54.36 -25 17.7 17.6	-0.92	- 3.1	7.2/30.3	31878
2002 LN ₂	2003 09 05.2	22 54.30 -13 51.0 18.6	-0.73	- 6.8	2.2/02.8	48238

2003 AUG. 6

M.P.C. 49377

2001 FR₁₇₆ 2003 09 05.2 22 54.31 -23 15.8 19.2 -0.72 - 5.6 4.3/30.4 18315
 2000 AE₆₆ 2003 09 05.2 22 54.35 +03 22.5 19.2 -0.85 - 1.2 2.9/08.2 39572
 2001 AJ₄₄ 2003 09 05.2 22 54.36 -24 34.2 17.1 -1.62 + 7.6 8.8/02.2 11028
 2000 WO₆₁ 2003 09 05.2 22 54.36 +01 03.4 19.0 -0.95 - 5.7 3.2/07.7 9874
 1998 FY₄₉ 2003 09 05.2 22 54.41 -11 16.8 18.8 -1.00 - 3.3 1.6/04.0 31812
 1995 SB₁₉ 2003 09 05.2 22 54.50 -18 29.5 20.1 -1.00 - 1.9 3.8/02.0 31806
 1999 TF₁₃₄ 2003 09 05.2 22 54.50 -03 50.7 19.4 -0.86 - 5.2 1.1/06.0 11586
 1998 SM₁₀ 2003 09 05.2 22 54.52 +12 00.8 19.0 -0.74 - 4.9 5.3/11.8 13577
 2002 EX₁ 2003 09 05.2 22 54.55 -13 26.8 19.5 -1.13 - 2.0 2.7/03.5 30700
 2002 CX₁₄₅ 2003 09 05.2 22 54.58 -07 20.6 19.0 -0.89 - 7.0 0.2/05.1 48207
 2000 AA₁₈₇ 2003 09 05.2 22 54.59 -12 56.9 17.5 -0.80 - 9.4 2.2/03.1 47844
 2001 DH₂₁ 2003 09 05.2 22 54.59 -21 12.4 20.3 -0.77 - 3.5 3.7/31.6 13813
 2000 YM₁₇ 2003 09 05.2 22 54.59 -43 29.9 18.6 -1.10 - 1.8 11.3/23.4 31929
 1999 TB₁₄₁ 2003 09 05.2 22 54.60 -07 52.5 19.7 -0.84 - 4.6 0.3/05.0 11588
 1990 UQ₄ 2003 09 05.2 22 54.62 -11 40.5 17.4 -0.86 - 8.1 2.3/03.6 30242
 2002 GK₁₅₂ 2003 09 05.2 22 54.70 -31 33.7 18.3 -0.86 - 3.1 10.5/27.8 48231
 1998 BD₉ 2003 09 05.2 22 54.72 -05 23.1 19.0 -1.01 - 3.4 0.6/05.7 31223
 2002 CJ₁₆₉ 2003 09 05.2 22 54.73 -10 57.4 19.1 -1.07 - 3.3 1.5/04.2 30674
 1999 XN₁₇₀ 2003 09 05.3 22 54.72 -24 53.9 18.0 -0.82 - 4.4 5.6/30.2 33849
 1999 TE₂₁₈ 2003 09 05.3 22 54.78 +06 02.6 19.3 -0.74 - 8.0 5.2/10.1 33112
 2000 AG₃₂ 2003 09 05.3 22 54.79 -07 00.5 18.7 -0.75 - 3.4 0.0/05.3 13096
 2002 JA₁₀₂ 2003 09 05.3 22 54.80 +25 23.4 19.6 -0.93 - 6.1 10.6/17.4 31730
 2000 UH₈₁ 2003 09 05.3 22 54.82 +00 07.2 17.6 -0.65 -11.4 3.6/08.1 47980
 2001 DV₆₆ 2003 09 05.3 22 54.85 -08 57.6 20.0 -0.77 - 6.3 0.6/04.7 48012
 2000 UY₇₁ 2003 09 05.3 22 54.88 -05 00.6 17.8 -0.91 - 2.9 1.0/06.0 47980
 2002 AD₄ 2003 09 05.3 22 54.90 -16 02.6 17.5 -1.66 + 8.5 4.9/04.2 30603
 1993 QH₇ 2003 09 05.3 22 54.90 -08 36.3 17.7 -0.86 - 7.4 0.8/04.8 30244
 1999 NB₃₆ 2003 09 05.3 22 54.93 -08 03.2 19.1 -0.90 - 6.4 0.4/05.0 47785
 1998 HW₁₅₄ 2003 09 05.3 22 55.00 -05 23.9 20.2 -0.92 - 6.3 0.5/05.9 29001
 1998 HU₁₃₈ 2003 09 05.3 22 55.05 -07 30.2 18.3 -0.86 - 8.2 0.2/05.2 23458
 1999 TB₃₁₂ 2003 09 05.3 22 55.06 -06 55.6 20.1 -0.88 - 4.9 0.0/05.4 31872
 1998 HY₄₁ 2003 09 05.3 22 55.09 -17 14.9 20.3 -0.91 - 4.7 3.6/02.2 31229
 2000 AF₁₀₁ 2003 09 05.4 22 55.06 -05 02.1 19.3 -0.84 - 7.0 0.7/06.0 47842
 2002 JZ₁₃₀ 2003 09 05.4 22 55.10 -21 10.2 19.9 -0.83 - 6.3 4.6/31.5 31748
 2002 GE₅₁ 2003 09 05.4 22 55.16 -15 55.9 19.8 -0.91 - 4.1 2.9/02.7 33980
 2000 VD₃₇ 2003 09 05.4 22 55.20 -02 24.3 18.4 -0.89 - 6.4 1.7/06.9 33885
 1999 XJ₅₁ 2003 09 05.4 22 55.26 -35 30.3 18.6 -0.99 - 4.3 10.3/25.7 40411
 1998 SJ₂₆ 2003 09 05.4 22 55.32 -28 50.3 18.2 -0.88 - 2.7 6.2/29.2 47743
 1998 SR₁₂₇ 2003 09 05.4 22 55.33 -04 22.7 17.6 -0.68 - 7.4 0.7/06.4 33783
 1995 SJ₇ 2003 09 05.4 22 55.37 -04 35.5 19.2 -0.77 - 7.6 1.0/06.3 40308
 2000 XN₁₈ 2003 09 05.4 22 55.43 -15 34.9 20.2 -1.11 - 3.8 3.2/03.0 18306
 2000 SS₃₃₆ 2003 09 05.4 22 55.45 -16 45.5 17.6 -1.05 - 3.2 3.9/02.7 31917
 1981 EC₁₅ 2003 09 05.4 22 55.47 -06 09.2 19.8 -0.89 - 4.0 0.2/05.7 9663
 2002 LL₃ 2003 09 05.5 22 55.43 -04 16.5 17.4 -0.65 -11.5 0.8/06.5 34011
 2002 GF₇₁ 2003 09 05.5 22 55.45 -16 18.9 18.5 -0.81 - 6.2 3.5/02.3 31539
 1995 FS₈ 2003 09 05.5 22 55.48 -16 22.5 19.9 -1.00 - 4.9 3.4/02.6 31805
 1999 VF₁₃₅ 2003 09 05.5 22 55.52 -15 59.3 20.3 -0.93 - 2.6 2.7/02.9 17079
 2000 EJ₇₁ 2003 09 05.5 22 55.56 -08 50.3 19.7 -0.72 - 5.9 0.6/04.9 3533
 2001 HW₁₁ 2003 09 05.5 22 55.58 -03 24.3 19.1 -0.78 - 3.9 1.0/06.6 13423
 2001 AX₂₉ 2003 09 05.5 22 55.63 -22 26.9 17.9 -0.95 - 4.3 7.2/31.5 30445
 2001 FE₁₃₅ 2003 09 05.5 22 55.70 +15 05.8 19.3 -0.81 - 1.7 5.6/12.6 35057

1981 EU₁₂ 2003 09 05.5 22 55.75 -02 28.5 20.0 -0.84 - 5.6 1.4/07.0 26917
 2002 JX₁₁₆ 2003 09 05.5 22 55.79 -12 16.1 19.2 -0.84 - 6.8 1.9/03.8 31741
 2000 YG₁₂₁ 2003 09 05.5 22 55.81 -21 20.5 18.9 -0.82 - 8.5 4.7/31.3 31383
 1999 XD₃₈ 2003 09 05.5 22 55.82 -05 53.3 18.6 -0.78 - 5.6 0.3/05.9 47829
 2001 BG₇₃ 2003 09 05.6 22 55.76 +05 19.6 20.6 -0.77 - 7.0 3.5/09.9 12282
 1999 SM₁₉ 2003 09 05.6 22 55.78 -28 10.4 18.1 -1.19 + 3.8 10.0/31.5 30317
 1999 TA₁₆₆ 2003 09 05.6 22 55.83 +02 18.1 19.0 -0.80 - 5.3 3.9/08.6 47808
 2000 WH₁₃₄ 2003 09 05.6 22 55.85 -07 24.0 18.3 -1.03 - 2.9 0.2/05.5 29582
 1998 SV₇₄ 2003 09 05.6 22 55.89 -16 15.5 19.2 -0.79 - 4.1 2.9/02.6 47746
 2000 AA₆₀ 2003 09 05.6 22 55.91 -02 54.1 18.9 -0.76 - 3.8 1.0/06.9 40431
 2000 WA₁₄₁ 2003 09 05.6 22 55.92 +03 24.3 20.0 -0.91 - 6.4 3.8/09.0 34978
 2002 AN₄ 2003 09 05.6 22 55.93 -09 28.8 18.3 -1.58 + 4.1 1.3/05.2 48184
 1998 BM₁₀ 2003 09 05.6 22 55.97 -28 30.0 21.3 -0.92 - 8.1 5.9/28.9 47722
 2002 LL₁₀ 2003 09 05.6 22 55.99 -28 03.7 19.3 -0.75 - 5.2 6.1/29.1 48239
 2001 FX₂₇ 2003 09 05.6 22 56.00 -16 18.5 18.9 -0.85 - 2.3 2.9/02.8 17575
 2002 HH₅ 2003 09 05.6 22 56.03 -24 02.5 19.1 -0.73 - 7.3 6.1/30.3 48231
 2001 BH 2003 09 05.6 22 56.03 -17 19.4 18.6 -1.01 - 5.4 4.3/02.3 48005
 1999 TP₉₇ 2003 09 05.6 22 56.11 -16 08.9 18.1 -0.78 - 5.3 4.3/02.5 31278
 1999 TS₃ 2003 09 05.6 22 56.12 -06 20.2 18.7 -0.85 - 4.9 9.4/26.0 30317
 2000 UQ₂₉ 2003 09 05.6 22 56.17 +26 12.8 19.8 -0.95 - 7.0 11.8/17.7 9847
 2002 JF₇₉ 2003 09 05.7 22 56.14 -13 14.6 18.2 -0.94 - 3.3 2.4/03.8 31714
 2000 YL₄₃ 2003 09 05.7 22 56.17 -10 03.6 19.5 -0.85 - 7.0 1.2/04.6 47999
 2002 JY₃₇ 2003 09 05.7 22 56.18 -11 42.7 19.5 -0.90 - 3.9 1.5/04.2 33998
 2000 YQ₁₀₈ 2003 09 05.7 22 56.19 -26 00.1 20.1 -0.84 - 5.4 5.8/30.2 48001
 2000 WS₆₁ 2003 09 05.7 22 56.24 -05 19.7 18.7 -0.93 - 5.2 0.6/06.0 11001
 2002 JW₃₉ 2003 09 05.7 22 56.27 -31 10.7 18.0 -0.76 - 5.2 8.8/27.5 33998
 1999 VH₂₂₄ 2003 09 05.7 22 56.28 -07 00.8 18.9 -0.73 - 8.7 0.1/05.7 12202
 2001 CW₂₇ 2003 09 05.7 22 56.31 -11 05.5 19.8 -0.89 - 2.3 1.2/04.5 12288
 2002 HA₉ 2003 09 05.7 22 56.38 -00 03.8 19.2 -0.93 - 2.6 2.1/07.7 48232
 2000 VM₄₆ 2003 09 05.7 22 56.41 -13 56.8 17.3 -1.02 - 0.5 3.7/03.9 29518
 1999 NL₄₆ 2003 09 05.7 22 56.42 +14 39.8 16.3 -0.68 - 4.2 10.9/14.0 47785
 2001 ET₁₀ 2003 09 05.7 22 56.43 -09 32.4 19.7 -0.72 - 4.9 0.8/04.9 11943
 1997 EQ₄₆ 2003 09 05.7 22 56.43 -15 10.5 18.9 -0.99 - 2.4 2.6/03.4 13551
 2001 BQ₇₈ 2003 09 05.7 22 56.44 -02 53.6 19.9 -0.95 - 1.7 1.2/06.8 12283
 2002 GX₁₅ 2003 09 05.7 22 56.45 -06 27.0 18.5 -0.82 - 7.1 9.7/26.0 33978
 2000 AM₁₅₄ 2003 09 05.7 22 56.47 -02 54.2 18.0 -0.82 - 1.7 1.2/06.9 13124
 2000 YM₁₀₆ 2003 09 05.7 22 56.48 +00 52.2 19.7 -0.94 - 4.5 2.7/08.1 11020
 2002 LK₂ 2003 09 05.7 22 56.50 +02 39.2 20.0 -0.68 - 8.2 2.8/09.3 48238
 1998 DG 2003 09 05.7 22 56.56 -11 21.3 20.4 -0.94 - 5.3 1.6/04.4 31811
 2002 GT₈₁ 2003 09 05.8 22 56.50 -32 40.2 20.0 -1.00 - 0.2 8.8/29.4 31552
 2001 BE₆₇ 2003 09 05.8 22 56.52 +04 44.0 19.7 -0.73 - 4.0 2.9/09.6 48007
 2002 ES₅₉ 2003 09 05.8 22 56.55 -03 21.8 17.9 -0.89 - 5.0 1.6/06.9 30712
 1999 XC₂₃₀ 2003 09 05.8 22 56.57 -26 00.2 18.5 -0.98 - 1.8 6.4/31.0 47836
 1999 TW₆₆ 2003 09 05.8 22 56.58 -04 24.6 18.7 -0.84 - 4.9 0.9/06.6 35481
 2000 YS₇₁ 2003 09 05.8 22 56.59 +06 24.2 16.9 -0.86 - 4.9 6.2/10.1 29641
 1999 VM₁₄₉ 2003 09 05.8 22 56.60 -02 42.9 18.4 -0.77 - 6.3 1.4/07.2 47824
 2001 DQ₂₈ 2003 09 05.8 22 56.64 -11 12.3 19.9 -0.76 - 4.1 1.2/04.4 48011
 1999 TO₂₀₂ 2003 09 05.8 22 56.68 +03 13.7 19.6 -0.79 - 7.1 3.5/09.3 29139
 2002 EY₈₂ 2003 09 05.8 22 56.75 -03 20.3 18.0 -0.84 - 4.9 1.6/07.0 30031
 2000 TD₃₅ 2003 09 05.8 22 56.75 -04 15.7 20.4 -0.96 - 7.2 1.0/06.7 47972
 1998 SS₅₄ 2003 09 05.8 22 56.76 -16 09.7 18.1 -0.92 - 0.9 2.9/03.2 47745

2002 JO ₄₀	2003 09 05.8	22 56.76	-14 49.3	17.9	-0.89	- 1.2	3.0/03.6	31662
2001 BC ₅₈	2003 09 05.8	22 56.77	-13 33.0	17.4	-0.70	-11.3	3.0/03.2	33893
2002 JC ₃₀	2003 09 05.8	22 56.78	-10 39.9	18.7	-0.77	- 4.6	1.3/04.6	33563
1999 RX ₇₆	2003 09 05.8	22 56.80	-12 44.7	18.4	-0.78	- 8.1	2.5/03.7	33080
2001 CV ₃₁	2003 09 05.8	22 56.86	-42 57.8	19.9	-1.26	+ 0.3	10.5/25.4	13811
2002 JG ₉₉	2003 09 05.8	22 56.86	-22 01.0	20.2	-0.84	- 7.5	5.0/31.5	48236
1999 RZ ₁₁₀	2003 09 05.8	22 56.87	-03 54.2	17.7	-0.96	- 0.9	1.2/06.6	30308
1998 RS ₄₈	2003 09 05.8	22 56.88	-03 40.4	17.7	-0.78	- 5.1	1.1/06.9	47740
2000 YX ₁₀₆	2003 09 05.9	22 56.83	-31 55.6	17.9	-0.94	- 4.0	8.8/28.6	33890
1999 WL ₁₀	2003 09 05.9	22 56.87	-22 03.1	19.0	-0.93	- 2.6	4.9/01.3	31880
1999 VM ₉₀	2003 09 05.9	22 56.90	+11 57.0	18.4	-0.72	- 9.4	7.2/13.3	30333
2002 GB ₁₀₉	2003 09 05.9	22 56.94	-19 11.4	19.4	-0.85	- 6.7	4.2/01.7	32006
1998 SD ₁₁₉	2003 09 05.9	22 57.00	-21 28.4	19.0	-0.91	- 1.4	4.5/01.6	3898
1999 XU ₂₄₂	2003 09 05.9	22 57.01	-22 06.3	19.5	-0.81	- 2.9	3.7/32.0	47836
2002 FF ₂₄	2003 09 05.9	22 57.07	-15 10.5	19.0	-1.02	- 0.4	3.2/03.8	31988
1999 VH ₁₁	2003 09 05.9	22 57.10	+00 19.6	18.0	-0.78	- 5.7	2.7/08.3	31874
2001 FM ₆₄	2003 09 05.9	22 57.17	-09 33.7	20.1	-0.72	- 5.0	0.8/05.0	48021
2001 DX	2003 09 05.9	22 57.17	-12 42.8	18.8	-0.71	- 6.9	1.8/03.9	31939
2002 CR ₁₁₂	2003 09 05.9	22 57.17	-12 00.1	19.6	-0.90	- 6.0	1.8/04.3	48204
2000 SM ₁₂₈	2003 09 05.9	22 57.18	-09 00.0	18.4	-0.91	- 8.1	0.8/05.2	31915
2002 LU ₃₀	2003 09 05.9	22 57.19	-17 32.0	18.9	-0.82	- 6.0	3.6/02.3	33612
2000 WB ₂₉	2003 09 06.0	22 57.21	-27 58.3	19.6	-0.98	- 6.2	8.5/29.5	33307
2000 UG ₂₈	2003 09 06.0	22 57.24	-17 15.8	20.0	-1.05	- 4.6	4.3/02.8	33284
1999 VZ ₁₉₀	2003 09 06.0	22 57.29	-12 28.4	16.5	-1.38	+ 5.3	2.5/05.0	47825
2001 DT ₃₀	2003 09 06.0	22 57.31	-15 22.9	20.2	-0.76	- 8.5	2.7/02.9	12296
2002 JW ₁₄₂	2003 09 06.0	22 57.31	+06 39.5	19.3	-0.81	- 4.9	4.5/10.5	33586
2001 DW ₄₉	2003 09 06.0	22 57.34	-19 27.6	19.6	-0.96	- 2.6	4.2/02.2	12300
2002 JK ₅₈	2003 09 06.0	22 57.43	+26 29.1	17.4	-0.72	- 4.8	10.7/19.8	33999
1996 LU ₂	2003 09 06.0	22 57.43	-01 28.5	20.1	-0.68	- 6.6	1.5/07.9	47703
1999 TX ₄₃	2003 09 06.0	22 57.44	-12 01.3	19.1	-0.91	- 2.7	1.7/04.5	47801
2001 FQ ₂₉	2003 09 06.0	22 57.46	-27 10.7	19.4	-0.85	- 2.6	5.9/30.4	13827
2000 UQ ₉₉	2003 09 06.0	22 57.57	-00 07.4	18.7	-0.98	- 4.8	2.8/08.0	9856
2001 BR ₅₉	2003 09 06.1	22 57.55	-09 34.3	19.3	-0.78	- 9.3	0.9/05.0	48007
2002 GC ₁₀₀	2003 09 06.1	22 57.60	-12 25.8	17.7	-0.97	- 1.6	2.9/04.5	48229
1999 VT ₁₈₁	2003 09 06.1	22 57.65	-01 12.4	20.5	-0.79	- 5.7	1.8/07.9	47825
2001 BH ₆	2003 09 06.1	22 57.68	-14 01.8	17.8	-0.73	-10.5	2.7/03.3	34997
1998 SB ₇₄	2003 09 06.1	22 57.70	-09 42.1	18.9	-0.74	- 5.5	0.9/05.1	13579
2001 CB ₄₃	2003 09 06.1	22 57.74	-25 55.4	18.6	-0.77	- 6.2	5.5/30.2	13251
2002 LN ₂₅	2003 09 06.1	22 57.82	+06 48.5	19.0	-0.72	- 6.3	4.2/11.0	34014
2002 JF ₂₃	2003 09 06.1	22 57.84	-19 47.4	20.6	-0.96	- 4.8	4.4/02.0	31638
2002 JM ₄₆	2003 09 06.1	22 57.91	+08 33.4	20.2	-0.83	- 6.3	4.8/11.5	33998
1999 TF ₁₂₉	2003 09 06.1	22 57.93	+00 54.3	17.8	-0.67	- 9.4	3.4/09.0	47807
2002 CR ₅₆	2003 09 06.1	22 57.96	-03 40.8	18.7	-1.04	- 3.8	1.2/07.0	30647
2001 FW ₁₀₆	2003 09 06.1	22 57.97	-13 13.1	19.6	-1.04	- 0.9	2.4/04.4	13334
1998 FK ₃₁	2003 09 06.1	22 57.98	-16 48.6	19.7	-1.07	- 1.7	3.6/03.4	47725
2000 YO ₃₅	2003 09 06.2	22 57.96	-12 16.9	19.3	-0.92	- 6.2	2.0/04.4	47998
2000 YK ₁₀₃	2003 09 06.2	22 58.01	-05 51.6	18.4	-0.78	- 8.2	0.2/06.5	31382
1997 HN ₉	2003 09 06.2	22 58.11	+15 37.7	19.7	-0.79	- 6.7	7.1/14.3	12118
2000 WW ₅₄	2003 09 06.2	22 58.16	-07 58.6	18.4	-0.97	- 4.7	0.5/05.8	13797
1999 TM ₂₀	2003 09 06.2	22 58.20	-09 34.3	18.2	-0.90	- 3.3	1.2/05.4	33826
1998 HR ₇	2003 09 06.2	22 58.22	+31 21.1	17.1	-0.68	-16.9	13.5/26.6	47728

2002 CY ₂₂₉	2003 09 06.2	22 58.25	-09 13.9	17.2	-0.86	- 1.9	1.4/05.5	48211
1998 TS ₃₃	2003 09 06.2	22 58.31	-09 02.0	18.3	-0.73	- 5.1	0.7/05.5	47752
2000 EL ₉₀	2003 09 06.2	22 58.31	+08 29.4	18.5	-0.67	- 9.6	4.1/12.1	47866
2000 AZ ₂₃₂	2003 09 06.2	22 58.33	-20 27.8	18.1	-0.71	- 5.6	3.9/01.4	47846
2000 WJ ₁₀₆	2003 09 06.3	22 58.28	-47 16.4	20.0	-1.27	- 3.5	13.2/22.0	47991
1999 UG ₂₈	2003 09 06.3	22 58.28	-15 07.4	17.5	-0.75	- 2.5	4.3/03.6	671
2002 JJ ₃₃	2003 09 06.3	22 58.29	-00 41.3	18.9	-0.71	- 6.3	1.9/08.4	32019
2000 YA ₃₂	2003 09 06.3	22 58.32	-18 54.9	17.3	-0.92	- 6.7	5.0/02.1	12261
1998 BU ₁₂	2003 09 06.3	22 58.32	-16 38.3	18.8	-0.93	- 7.8	3.9/02.9	31810
2000 YL ₁₀₇	2003 09 06.3	22 58.33	-07 38.7	17.0	-0.90	- 4.1	0.5/06.0	30443
1999 VU ₄	2003 09 06.3	22 58.44	-14 59.8	18.3	-0.87	- 3.7	3.0/03.7	31873
1999 RO ₂₂	2003 09 06.3	22 58.45	+01 42.0	18.5	-0.84	- 5.4	3.2/09.0	31857
2002 JM ₁₁₉	2003 09 06.3	22 58.45	-18 35.1	17.7	-0.76	- 8.7	4.1/02.0	34005
1999 RT ₂₄₀	2003 09 06.3	22 58.48	-34 59.2	17.8	-1.05	+ 0.6	12.7/28.3	31863
2001 BR ₈₀	2003 09 06.3	22 58.52	-09 26.4	19.8	-0.76	- 7.8	0.9/05.3	48008
2002 CA ₁₆₉	2003 09 06.3	22 58.55	-12 47.4	18.7	-1.02	- 4.1	2.4/04.5	30674
1993 TF ₁₁	2003 09 06.3	22 58.56	-00 13.3	18.3	-0.93	- 6.3	2.8/08.4	31803
2001 DO ₆₀	2003 09 06.3	22 58.57	-10 35.3	19.2	-0.77	- 6.7	1.4/05.0	30451
2002 AV ₁₁	2003 09 06.3	22 58.58	+30 04.5	18.6	-1.27	0.0	17.0/18.7	24033
1999 TG ₁₇₀	2003 09 06.3	22 58.58	-09 15.0	18.6	-0.86	- 3.8	0.9/05.5	31285
2000 WD	2003 09 06.3	22 58.58	+03 38.8	18.5	-0.92	- 6.6	4.0/09.7	31922
1998 HQ ₃₂	2003 09 06.3	22 58.65	-02 47.0	19.4	-0.86	- 6.8	1.3/07.6	31815
2002 JW	2003 09 06.3	22 58.65	-25 46.7	18.3	-0.80	- 4.7	6.6/30.7	33995
2000 XK ₁₃	2003 09 06.3	22 58.71	-31 27.8	15.9	-1.13	+ 4.3	12.9/30.9	31928
2002 JQ ₆₆	2003 09 06.4	22 58.69	-02 50.7	19.0	-0.83	- 6.5	1.2/07.6	34000
2002 JB ₆₉	2003 09 06.4	22 58.73	-31 19.6	18.4	-0.93	- 3.1	8.9/29.3	31700
2001 CT ₂₀	2003 09 06.4	22 58.74	-32 18.7	22.5	-0.73	- 4.9	5.0/28.0	13810
2002 JS ₃₈	2003 09 06.4	22 58.74	-03 38.7	18.8	-0.83	- 4.1	1.0/07.3	33998
1999 HR ₉	2003 09 06.4	22 58.77	-05 21.2	19.6	-1.01	- 5.9	0.5/06.8	5532
1998 UJ ₂₇	2003 09 06.4	22 58.79	-03 10.4	18.5	-0.67	- 7.6	1.0/07.7	31840
2000 VN ₃₂	2003 09 06.4	22 58.84	-24 12.7	17.2	-1.01	- 4.8	7.6/31.7	29511
1999 HR	2003 09 06.4	22 58.88	+06 31.1	18.1	-0.88	- 7.4	5.8/11.0	41573
2001 DL ₉₂	2003 09 06.4	22 58.92	-25 08.9	18.2	-0.79	- 5.4	6.1/31.0	38291
2001 CL ₃₀	2003 09 06.4	22 58.94	-02 35.6	19.2	-0.80	- 8.6	1.2/07.8	13811
2000 QB ₁₈₁	2003 09 06.4	22 58.96	-02 14.3	17.5	-1.01	- 3.2	1.9/07.7	33881
2001 AZ ₅₁	2003 09 06.4	22 58.98	-15 54.5	18.3	-0.92	- 8.9	3.3/03.2	33892
2002 JW ₇₉	2003 09 06.4	22 58.98	-06 31.5	20.9	-0.92	- 5.4	0.0/06.5	48235
1994 RH ₁₆	2003 09 06.4	22 59.00	-04 07.5	18.8	-0.73	-10.4	0.8/07.4	47693
2000 WJ ₄₈	2003 09 06.4	22 59.03	-02 31.3	18.4	-0.95	- 7.3	1.6/07.8	34973
2000 UA ₇₁	2003 09 06.4	22 59.06	-04 03.5	18.0	-0.99	- 5.0	1.0/07.2	29475
1995 TY ₂	2003 09 06.4	22 59.07	-16 57.1	18.7	-1.06	+ 1.8	4.9/04.0	36885
2002 GY ₅₅	2003 09 06.5	22 59.03	-13 35.8	20.4	-0.95	- 6.2	2.5/04.2	48228
2002 CS ₉₄	2003 09 06.5	22 59.04	-08 02.7	19.1	-1.02	- 4.1	0.6/06.1	30657
1998 TF ₂₀	2003 09 06.5	22 59.04	-24 31.7	18.2	-0.86	- 1.4	5.4/01.1	31838
1998 RH ₆₉	2003 09 06.5	22 59.06	-07 47.2	18.5	-0.83	- 4.8	0.5/06.1	47741
1999 RR ₁₇₆	2003 09 06.5	22 59.07	-02 30.3	18.6	-0.80	- 7.2	1.6/07.9	30312
2002 FW ₇	2003 09 06.5	22 59.09	+02 03.0	17.3	-0.99	- 2.7	3.8/09.0	30098
1998 XV ₁₂	2003 09 06.5	22 59.10	-14 25.4	18.4	-0.69	- 5.2	2.2/03.8	18184
1999 VG ₁₂₇	2003 09 06.5	22 59.13	-15 14.3	19.6	-0.90	- 3.7	3.3/03.9	31302
2000 WM ₁₃	2003 09 06.5	22 59.17	+39 11.6	18.7	-0.94	- 2.6	18.9/29.5	9388
1999 HT ₉	2003 09 06.5	22 59.20	+00 23.1	19.9	-0.97	- 7.3	2.6/08.8	47777

2003 AUG. 6

M.P.C. 49379

2002 HS ₉	2003 09 06.5	22 59.24 +00 40.4 18.3	-0.75 - 7.7	2.5/09.1	30168
2001 BC ₆₄	2003 09 06.5	22 59.26 +03 56.6 19.0	-0.84 - 3.6	3.2/09.8	12280
1998 RV ₄₇	2003 09 06.5	22 59.30 +03 40.7 18.0	-0.71 - 7.1	3.4/10.2	31239
2000 UN ₂₃	2003 09 06.5	22 59.31 -16 14.7 18.8	-0.96 - 5.6	3.6/03.5	47976
2000 VE ₃₁	2003 09 06.5	22 59.31 -02 10.8 19.5	-0.95 - 5.9	1.7/07.9	31921
2000 YA ₆₃	2003 09 06.5	22 59.35 -25 39.5 19.8	-0.75 - 6.5	5.1/30.7	31931
2002 JQ ₈	2003 09 06.5	22 59.43 -02 25.4 19.6	-0.79 - 7.7	1.3/08.0	32014
2002 EA ₂₈	2003 09 06.6	22 59.40 -10 05.3 20.8	-0.93 - 6.1	1.3/05.5	48217
1999 NP	2003 09 06.6	22 59.40 -07 55.8 18.7	-0.96 - 4.6	0.6/06.2	30301
2001 FZ ₂₇	2003 09 06.6	22 59.42 -10 08.8 18.5	-0.68 - 7.0	1.1/05.3	33902
2000 VB ₂₇	2003 09 06.6	22 59.47 -10 08.5 17.8	-0.87 - 4.7	1.9/05.5	27140
2002 JP ₁₁	2003 09 06.6	22 59.50 +10 06.6 18.5	-0.74 - 6.4	5.3/12.7	33996
2002 ER ₁₂	2003 09 06.6	22 59.52 -02 07.3 19.3	-0.90 - 5.7	1.5/08.0	48216
2000 VV ₂₆	2003 09 06.6	22 59.52 -03 02.2 18.4	-0.92 - 6.1	1.2/07.7	31921
1998 FT ₁₀₃	2003 09 06.6	22 59.54 +00 58.4 17.2	-0.89 - 4.6	3.1/09.0	30266
2001 AN ₁₁	2003 09 06.6	22 59.58 -06 46.7 19.3	-0.85 - 6.3	0.1/06.5	48003
2000 SV ₁₀₄	2003 09 06.6	22 59.59 -07 54.1 19.1	-1.00 - 4.2	0.7/06.2	33255
2000 YS ₃₄	2003 09 06.6	22 59.61 -12 35.6 18.8	-0.83 - 8.3	2.0/04.5	13801
2001 BG ₂₃	2003 09 06.6	22 59.67 -09 58.3 18.4	-0.93 - 5.2	1.5/05.6	48006
2001 FC ₃₇	2003 09 06.6	22 59.69 -00 33.9 19.0	-0.74 - 8.7	1.8/08.8	12001
1999 TB ₁₅₁	2003 09 06.7	22 59.73 -21 05.6 17.6	-1.11 + 2.3	6.5/03.4	30323
2000 SB ₁₂₂	2003 09 06.7	22 59.75 -04 18.8 18.4	-0.74 -10.0	1.1/07.5	47951
2002 JW ₇₃	2003 09 06.7	22 59.76 -16 26.4 19.1	-0.85 - 6.7	3.2/03.3	34001
2000 WG ₁₇₉	2003 09 06.7	22 59.84 -06 56.9 19.2	-0.90 - 8.1	0.2/06.5	33887
1996 JV ₆	2003 09 06.7	22 59.85 -10 57.6 20.6	-0.73 - 4.9	1.3/05.2	3145
2000 UM ₅₂	2003 09 06.7	22 59.88 -20 08.6 18.9	-1.00 - 5.0	6.0/02.4	33288
2000 YT ₅₄	2003 09 06.7	22 59.90 -00 43.1 18.5	-0.92 - 4.2	2.3/08.5	33889
2000 XF ₁₃	2003 09 06.7	22 59.91 -24 24.0 18.8	-1.04 - 1.9	6.2/01.4	33888
2000 XL ₃₇	2003 09 06.7	22 59.93 -07 53.6 18.2	-1.00 - 1.4	0.5/06.3	11010
1999 RH ₂₆	2003 09 06.7	22 59.95 -04 49.6 17.1	-0.70 -13.4	0.6/07.4	47788
1998 SU ₇₉	2003 09 06.7	22 59.96 -08 38.6 19.0	-0.79 - 4.2	0.8/06.0	31833
1997 BW ₂	2003 09 06.7	22 59.99 -19 33.7 18.9	-0.82 - 8.6	4.3/02.0	10838
1998 FA ₁₁₅	2003 09 06.7	23 00.02 -02 05.3 19.7	-0.92 - 4.2	1.5/08.1	31226
1998 FM ₂	2003 09 06.7	23 00.04 -30 01.5 19.5	-1.53 + 6.0	9.0/02.9	30262
1999 VE ₁₉₅	2003 09 06.7	23 00.14 -11 31.2 19.4	-0.83 - 5.8	1.9/05.1	34816
2002 EG ₁₅₅	2003 09 06.8	23 00.07 -13 16.0 20.7	-0.95 - 6.1	2.5/04.6	37749
2000 WW ₁₆₆	2003 09 06.8	23 00.11 -17 14.1 17.3	-0.93 - 6.0	4.5/03.3	30432
4706 P-L	2003 09 06.8	23 00.14 -11 29.3 18.6	-1.06 - 3.5	2.1/05.4	35048
1999 VO ₁₁₂	2003 09 06.8	23 00.19 -08 15.2 18.7	-0.76 - 4.6	0.6/06.2	14377
1999 XT ₁₉₂	2003 09 06.8	23 00.22 -25 19.0 20.1	-0.82 - 3.0	5.2/31.7	47835
2000 YY ₁₃₂	2003 09 06.8	23 00.35 +00 33.0 18.2	-0.91 - 2.1	2.6/08.9	30444
2001 FS ₁₁	2003 09 06.8	23 00.35 -28 08.0 18.9	-0.96 + 0.1	6.6/31.6	13282
2002 JX ₂₀	2003 09 06.8	23 00.37 -21 55.6 18.0	-0.86 - 1.8	5.5/02.2	32017
2000 DV ₇₆	2003 09 06.8	23 00.37 -04 36.7 19.9	-0.60 - 3.3	0.4/07.5	33866
2000 SE ₁₉₈	2003 09 06.8	23 00.37 -15 33.8 18.7	-0.98 - 7.5	3.8/03.8	47958
2000 YL ₅₉	2003 09 06.8	23 00.38 -10 11.2 19.3	-0.86 - 5.8	1.3/05.6	34987
2000 SS ₁₅₄	2003 09 06.8	23 00.45 -16 48.5 18.3	-1.02 - 5.2	3.9/03.6	31915
1998 SW ₁₄₆	2003 09 06.8	23 00.48 -10 24.1 18.5	-0.76 - 4.4	1.5/05.6	47750
2002 CW ₁₀₄	2003 09 06.8	23 00.51 -10 58.1 19.8	-1.09 - 2.7	1.9/05.6	30659
2000 YO	2003 09 06.8	23 00.53 -30 04.7 18.9	-1.08 - 1.7	7.3/30.7	13800
2000 WY ₃₀	2003 09 06.9	23 00.44 -18 42.0 18.3	-0.83 - 7.9	5.7/02.5	41676

2000 YO ₇₈	2003 09 06.9	23 00.45 +11 12.3 20.1	-0.86 - 4.0	5.2/12.7	48000
2001 FO ₁₅₅	2003 09 06.9	23 00.46 -04 13.5 18.1	-0.68 - 7.5	0.7/07.7	31411
1999 SF ₁₂	2003 09 06.9	23 00.47 +28 46.1 17.6	-0.96 - 1.8	11.5/19.4	35480
2000 YS ₈₄	2003 09 06.9	23 00.50 -10 30.7 17.8	-0.89 - 6.7	1.5/05.5	31931
2000 WH ₃₇	2003 09 06.9	23 00.67 +00 15.9 17.2	-0.83 - 8.5	2.8/09.3	30425
2002 EB ₁₅₃	2003 09 06.9	23 00.71 +10 53.1 18.0	-0.75 -14.6	5.7/14.2	31986
2002 CW ₁₃₃	2003 09 06.9	23 00.78 -05 02.5 17.2	-0.68 -12.8	0.6/07.5	48206
1999 RO ₂₂₂	2003 09 06.9	23 00.78 +11 51.8 18.4	-0.67 -11.6	7.5/14.5	33090
1999 XT ₁₅₁	2003 09 06.9	23 00.82 +02 27.4 19.5	-0.77 - 3.1	2.6/09.8	30342
2000 WL ₁₆	2003 09 06.9	23 00.88 -11 26.0 20.5	-0.96 - 5.2	1.7/05.4	17481
2002 GL ₁₅	2003 09 07.0	23 00.79 -16 54.9 18.8	-1.02 - 2.3	4.3/04.0	30138
1999 JN ₇₆	2003 09 07.0	23 00.80 -17 28.5 18.3	-0.93 - 7.2	4.6/03.3	47780
1997 HM ₁₄	2003 09 07.0	23 00.88 -09 39.0 18.8	-0.85 - 3.7	1.3/06.0	46331
1999 XB ₁₈₁	2003 09 07.0	23 00.88 -05 11.4 18.0	-0.88 - 3.1	0.4/07.4	13638
2002 JG ₁₀₂	2003 09 07.0	23 00.90 -10 22.7 19.5	-0.91 - 5.6	1.4/05.7	31731
1998 HY ₉₄	2003 09 07.0	23 00.92 -29 16.1 19.3	-1.06 - 0.2	8.8/31.8	47730
2002 CZ ₂₁₃	2003 09 07.0	23 01.06 -05 04.2 19.7	-1.06 - 3.8	0.5/07.4	29865
1995 YQ ₅	2003 09 07.0	23 01.13 -10 40.7 19.5	-0.83 - 5.9	1.7/05.6	9681
2002 EY ₉₄	2003 09 07.0	23 01.16 -10 21.3 18.5	-0.84 - 7.1	1.8/05.7	48221
2000 WW ₇₀	2003 09 07.0	23 01.21 -06 55.2 18.4	-1.05 - 2.9	0.3/06.9	31924
1998 FV ₉₄	2003 09 07.0	23 01.25 -17 29.1 18.9	-1.06 - 1.1	4.3/04.1	47727
2002 CK ₁₆₇	2003 09 07.1	23 01.19 -14 33.5 19.2	-0.98 - 5.5	2.9/04.6	30674
2000 SM ₅₉	2003 09 07.1	23 01.19 -03 41.4 18.6	-1.03 - 5.4	1.1/07.9	31914
2002 LX ₆	2003 09 07.1	23 01.25 -15 42.5 19.0	-0.80 - 6.7	3.1/03.9	35200
2002 LO ₂₉	2003 09 07.1	23 01.27 -24 02.4 17.9	-0.87 - 2.5	6.0/01.5	48239
1999 XB ₁₂₆	2003 09 07.1	23 01.31 +13 32.4 17.9	-0.84 - 2.9	7.9/13.6	47832
2000 DK ₈₇	2003 09 07.1	23 01.37 -17 09.4 18.5	-0.75 - 4.9	3.3/03.4	47859
2001 FM ₁₀₁	2003 09 07.1	23 01.40 +05 05.2 20.5	-0.71 - 6.3	3.3/11.2	48023
2001 EZ ₅	2003 09 07.1	23 01.40 -18 00.2 19.0	-0.85 - 2.3	3.5/03.6	30452
1999 TX ₁₁₅	2003 09 07.1	23 01.48 -02 37.8 18.4	-0.84 - 4.3	1.6/08.3	33829
1998 QS ₇₇	2003 09 07.1	23 01.56 +07 17.4 17.9	-0.81 - 3.0	4.6/11.4	27608
2002 GE ₄	2003 09 07.1	23 01.61 -41 50.6 21.2	-1.22 - 2.0	10.6/26.7	30121
2001 FT ₉₂	2003 09 07.2	23 01.56 -18 33.1 20.1	-0.73 - 4.5	3.1/03.1	13838
2001 BU ₆₉	2003 09 07.2	23 01.57 -13 27.5 18.7	-0.81 - 2.4	2.0/05.0	13808
1999 VL ₉₁	2003 09 07.2	23 01.57 -15 59.0 18.4	-0.90 - 3.6	3.5/04.2	31877
1999 TH ₂₃₃	2003 09 07.2	23 01.63 +04 45.6 17.2	-1.00 + 1.3	5.2/10.0	47812
1999 XW ₅₂	2003 09 07.2	23 01.69 -18 36.1 18.0	-0.81 - 3.3	5.4/03.3	31308
1999 UR ₂₉	2003 09 07.2	23 01.74 -20 36.9 20.1	-0.98 - 1.8	4.8/03.2	31873
1999 TT ₁₈₄	2003 09 07.2	23 01.76 +07 12.5 18.4	-1.01 - 0.6	5.1/10.8	12175
1998 XA ₈	2003 09 07.2	23 01.80 -05 54.1 19.3	-0.73 - 5.0	0.1/07.4	18184
1999 TM ₂₈	2003 09 07.2	23 01.80 -03 58.9 18.3	-0.86 - 4.8	0.9/08.0	30318
1999 TX ₂₁₃	2003 09 07.2	23 01.82 -03 50.0 19.5	-0.84 - 7.0	0.9/08.1	47810
1999 TS ₁₄₀	2003 09 07.2	23 01.82 -10 50.1 18.7	-0.94 - 3.3	2.0/05.9	1493
2001 ES ₆	2003 09 07.2	23 01.83 -12 52.3 17.9	-0.87 - 6.6	2.4/05.0	13819
2002 JY ₇₃	2003 09 07.2	23 01.92 -18 39.4 19.7	-0.89 - 6.9	3.9/03.1	34001
1994 UA ₆	2003 09 07.2	23 01.93 -17 53.3 18.4	-0.94 - 2.0	4.7/03.8	47694
2002 FB ₃₅	2003 09 07.3	23 01.92 -07 31.6 20.2	-0.90 - 4.8	0.5/06.9	48226
1998 TA ₃₃	2003 09 07.3	23 01.94 -06 15.0 18.3	-0.75 - 5.2	0.0/07.3	47752
1999 RY ₃₂	2003 09 07.3	23 01.97 +05 19.9 18.1	-0.94 - 2.4	4.6/10.7	12150
1999 XC ₂₀	2003 09 07.3	23 01.98 -23 48.6 18.3	-0.91 - 3.8	5.8/01.6	13628
1999 TX ₂₅₁	2003 09 07.3	23 02.00 -28 58.4 19.1	-1.03 - 2.0	8.4/31.1	12964

1998 SB ₅₉	2003 09 07.3	23 02.00	-05 42.7	18.3	-0.72	- 6.4	0.2/07.5	30283
2000 SM ₃₃₀	2003 09 07.3	23 02.04	-14 07.4	19.7	-1.03	- 4.2	2.8/05.0	31917
1999 TZ ₁₁₆	2003 09 07.3	23 02.05	-11 20.1	18.2	-0.86	- 1.4	2.5/05.9	33829
1996 TL ₃	2003 09 07.3	23 02.07	-05 57.3	18.7	-0.86	- 7.2	0.1/07.4	47704
1039 T-2	2003 09 07.3	23 02.17	-11 05.0	18.8	-1.01	- 1.8	1.9/06.0	1388
1998 RD ₆₅	2003 09 07.3	23 02.17	-04 53.9	18.1	-0.77	- 4.6	0.4/07.8	31826
2000 VN ₃₀	2003 09 07.3	23 02.17	-27 17.7	18.1	-0.99	- 4.9	8.5/31.3	31921
2001 FF ₁₆₄	2003 09 07.3	23 02.18	+04 52.1	19.5	-0.69	- 5.5	3.1/11.2	48026
1999 RF ₁₅₅	2003 09 07.3	23 02.20	+00 44.8	19.2	-0.86	- 5.9	2.6/09.6	41581
2002 CK ₁₄₅	2003 09 07.3	23 02.20	-03 36.8	18.4	-0.87	- 4.1	0.9/08.2	30669
2002 JL ₉₃	2003 09 07.3	23 02.21	-12 45.6	20.3	-0.97	- 5.1	2.3/05.3	40932
1999 JD ₇₄	2003 09 07.3	23 02.27	-14 38.1	19.2	-0.94	- 6.9	3.5/04.6	47780
1992 EM ₁₃	2003 09 07.4	23 02.26	-02 58.3	18.5	-0.88	- 2.7	1.0/08.4	13535
1999 TA ₄₉	2003 09 07.4	23 02.28	-03 27.2	18.7	-0.78	- 8.1	1.0/08.4	31275
2001 BH ₈₂	2003 09 07.4	23 02.31	-19 18.0	18.9	-0.96	- 4.6	4.7/03.2	38290
2000 XX ₃₄	2003 09 07.4	23 02.36	-19 35.0	19.2	-1.09	- 3.0	4.9/03.5	12259
1996 HU ₂₀	2003 09 07.4	23 02.39	-03 07.0	20.2	-0.71	- 4.9	0.8/08.5	47703
2000 XZ ₄₆	2003 09 07.4	23 02.39	-36 40.4	19.9	-1.22	+ 0.8	9.0/30.0	9459
2000 SO ₃₀₄	2003 09 07.4	23 02.48	-01 54.5	19.3	-1.07	- 3.0	1.9/08.6	47966
1999 XO ₂₀₀	2003 09 07.4	23 02.58	+01 13.4	18.2	-0.79	- 2.9	2.2/09.8	11728
2000 SJ ₂₄₁	2003 09 07.4	23 02.61	-03 16.6	18.7	-1.00	- 5.2	1.3/08.4	27719
2002 JL ₈₀	2003 09 07.4	23 02.65	-18 55.4	19.7	-1.03	- 3.6	4.8/03.7	30217
2001 XM ₅₀	2003 09 07.4	23 02.66	+15 17.1	19.3	-1.38	+ 1.4	10.5/12.6	26069
2002 JN ₇₂	2003 09 07.5	23 02.60	-02 09.7	19.2	-0.76	- 7.9	1.3/08.9	31705
2002 JP ₉₄	2003 09 07.5	23 02.62	-07 15.6	19.3	-0.97	- 5.7	0.4/07.2	32028
2001 FP ₁₆₀	2003 09 07.5	23 02.79	-24 20.1	20.3	-0.71	- 5.5	4.0/01.0	35060
1999 TF ₂₀₄	2003 09 07.5	23 02.84	-06 55.9	18.9	-0.86	- 3.7	0.3/07.3	47810
2000 VR ₅₃	2003 09 07.5	23 02.92	-17 26.8	17.7	-1.05	- 2.5	4.7/04.4	30422
1999 UO ₄₉	2003 09 07.5	23 02.93	+07 43.5	18.6	-0.86	- 5.3	4.9/12.1	13618
2000 SY ₁₇₇	2003 09 07.5	23 02.96	-07 42.4	17.6	-1.04	- 3.2	0.6/07.1	31915
2000 WL ₁₇₅	2003 09 07.5	23 02.99	-46 44.8	18.4	-1.04	- 5.2	12.9/22.6	33887
2002 CO ₂₄₉	2003 09 07.5	23 02.99	+00 05.9	19.0	-0.86	- 7.8	2.7/09.7	48212
1999 XC ₅₇	2003 09 07.5	23 03.03	-08 37.1	19.8	-0.74	- 5.0	0.7/06.8	47830
2000 XA ₃₃	2003 09 07.6	23 03.00	-11 36.3	18.4	-1.04	- 4.1	2.2/06.0	11010
1998 FE ₅₄	2003 09 07.6	23 03.02	+01 12.8	18.2	-0.85	- 9.0	2.7/10.2	31812
2001 BS	2003 09 07.6	23 03.06	-24 32.4	20.1	-0.85	- 6.6	5.4/01.0	13805
1999 XL ₂₂₉	2003 09 07.6	23 03.08	-14 20.0	17.3	-1.05	+ 0.8	3.5/05.5	12220
2002 CN ₂₂	2003 09 07.6	23 03.10	-10 01.0	20.0	-0.96	- 6.5	1.5/06.4	31447
2001 EW ₉	2003 09 07.6	23 03.13	-12 02.3	18.9	-0.74	- 9.3	2.0/05.4	48015
2002 FA ₁₃	2003 09 07.6	23 03.13	-03 53.6	19.3	-0.74	- 9.0	0.8/08.4	48225
2001 FA ₂₃	2003 09 07.6	23 03.14	+04 59.2	19.4	-0.67	- 7.6	3.0/11.7	48018
1998 RK ₁₄	2003 09 07.6	23 03.14	-06 07.7	20.0	-0.77	- 5.5	0.0/07.6	19342
1999 RG ₇	2003 09 07.6	23 03.18	-15 20.2	19.1	-1.08	+ 0.2	3.6/05.3	29058
2001 DZ ₈₀	2003 09 07.6	23 03.19	-18 07.7	20.2	-0.87	- 3.4	3.7/03.9	17562
2002 EZ ₇₇	2003 09 07.6	23 03.22	-03 13.8	18.0	-0.77	- 6.1	1.3/08.6	30026
2001 CZ ₉	2003 09 07.6	23 03.29	-14 33.7	20.4	-0.84	- 3.8	2.3/05.0	20836
1997 ER ₂₈	2003 09 07.6	23 03.30	-06 21.0	21.3	-0.85	- 4.5	0.1/07.6	8021
1998 FW ₉₉	2003 09 07.6	23 03.32	+02 22.9	19.0	-0.90	- 5.8	2.8/10.4	31813
2001 BY ₄₆	2003 09 07.6	23 03.32	+18 57.1	16.8	-0.83	- 3.4	10.3/16.9	48006
1998 FN ₁₀	2003 09 07.6	23 03.35	-03 49.2	20.4	-0.92	- 5.3	0.8/08.4	47725
2001 CX ₁₇	2003 09 07.6	23 03.38	+13 02.2	20.1	-0.81	- 6.4	5.5/14.4	48009

1998 KL ₄₇	2003 09 07.7	23 03.33	-26 41.8	19.0	-0.89	- 5.9	6.6/31.5	33769
2000 UR ₃₂	2003 09 07.7	23 03.41	+00 18.0	19.4	-0.90	- 7.1	2.3/09.8	31918
1995 UM ₅₀	2003 09 07.7	23 03.41	-08 29.2	20.7	-0.89	- 3.9	0.9/07.0	31107
2002 HY ₁	2003 09 07.7	23 03.52	-20 31.7	17.4	-0.99	- 2.4	6.7/03.4	30160
2000 WU ₁₄	2003 09 07.7	23 03.57	+03 50.3	19.5	-0.94	- 4.9	3.6/10.8	31922
2002 GL ₈₈	2003 09 07.7	23 03.61	-22 08.7	20.2	-0.87	- 6.4	5.0/02.3	48229
1999 JG ₁₂₀	2003 09 07.7	23 03.66	-02 11.5	18.6	-0.91	- 6.3	1.7/09.0	29038
1993 OJ ₁₀	2003 09 07.7	23 03.69	+14 57.0	18.1	-0.92	- 0.3	8.1/14.1	47687
2000 WT ₇₅	2003 09 07.7	23 03.73	+03 31.2	18.3	-0.99	- 4.1	4.5/10.6	9875
2000 WP ₁₁₂	2003 09 07.7	23 03.74	-09 58.2	18.3	-0.97	- 2.8	1.9/06.7	29571
2001 YB ₁₁₆	2003 09 07.8	23 03.72	+22 34.8	20.0	-1.40	+ 1.6	13.1/15.0	30600
7574 P-L	2003 09 07.8	23 03.72	-16 34.4	18.9	-0.84	- 2.5	4.2/04.5	18109
1999 RE ₂₀₀	2003 09 07.8	23 03.78	+11 32.8	18.0	-0.95	- 2.6	5.8/13.2	47796
1999 RQ ₁₈₈	2003 09 07.8	23 03.79	-10 53.8	18.0	-0.86	- 4.7	2.1/06.3	648
1999 RC ₁₇₈	2003 09 07.8	23 03.87	-10 03.7	18.1	-0.82	- 6.2	1.8/06.5	1462
2002 EC ₃₀	2003 09 07.8	23 03.88	-09 00.6	19.7	-0.94	- 5.3	1.1/06.9	31977
2001 FT ₁₀₆	2003 09 07.8	23 03.93	-07 20.1	20.1	-0.83	- 4.5	0.4/07.4	48024
2001 AE ₄₁	2003 09 07.8	23 03.97	-04 10.5	18.3	-0.94	- 4.9	0.7/08.4	12270
1998 VW ₄	2003 09 07.8	23 03.98	-08 09.4	18.0	-0.85	- 2.2	0.7/07.2	25720
2001 BP ₆₉	2003 09 07.8	23 04.02	-07 05.0	19.9	-0.95	- 2.8	0.3/07.6	12281
1998 RQ ₇₃	2003 09 07.8	23 04.05	-00 38.4	17.6	-0.75	- 5.1	1.9/09.7	31827
1999 RA ₅₀	2003 09 07.8	23 04.05	+01 23.9	18.0	-0.78	- 6.5	3.4/10.4	34771
2002 JY ₁₆	2003 09 07.8	23 04.07	-13 05.5	19.2	-0.86	- 6.9	2.6/05.5	32016
1999 RC ₃₁	2003 09 07.8	23 04.20	-06 28.1	18.2	-1.73	+ 7.6	0.2/07.8	38073
2002 CK ₅₂	2003 09 07.9	23 04.04	-06 28.0	20.1	-0.95	- 5.2	0.2/07.8	30646
2000 EK ₂₉	2003 09 07.9	23 04.05	-06 13.5	18.6	-0.76	- 3.8	0.1/07.8	18238
2002 CM ₂₇₃	2003 09 07.9	23 04.14	-05 47.1	20.6	-0.99	- 5.5	0.1/08.0	31973
2000 AU ₂₃₄	2003 09 07.9	23 04.15	-00 47.6	18.9	-0.71	- 4.2	1.4/09.6	13135
1999 TS ₃₂	2003 09 07.9	23 04.16	+02 03.3	17.8	-0.71	- 9.9	3.3/11.0	33827
1999 XG ₂₀₆	2003 09 07.9	23 04.17	-25 44.3	18.8	-0.82	- 3.5	5.8/01.3	13639
2002 CU ₁₀₀	2003 09 07.9	23 04.18	-07 44.0	18.8	-1.01	- 3.3	0.8/07.4	48203
1999 TG ₁₉₇	2003 09 07.9	23 04.19	-12 22.9	18.8	-0.87	- 3.3	2.2/06.0	12175
2000 WW ₆₇	2003 09 07.9	23 04.19	-25 28.9	18.0	-0.99	- 2.3	6.3/02.0	33886
2000 YW ₁₀₇	2003 09 07.9	23 04.19	-16 30.0	18.7	-0.91	- 5.8	3.9/04.5	31932
1998 FF ₄₉	2003 09 07.9	23 04.23	-05 00.7	19.7	-0.95	- 5.2	0.3/08.2	6780
2002 GL ₁₂₅	2003 09 07.9	23 04.28	-02 59.9	18.2	-0.77	- 7.7	1.4/09.0	31590
2001 FY ₁₅₄	2003 09 07.9	23 04.29	-00 27.6	19.3	-0.81	- 1.9	1.5/09.6	13845
1999 XX ₇₈	2003 09 07.9	23 04.29	+08 32.6	17.7	-0.75	- 5.4	5.9/13.0	31310
1999 XM ₁₂₂	2003 09 07.9	23 04.30	-00 56.8	17.9	-0.90	- 2.6	2.1/09.4	691
2002 CN ₂₈₇	2003 09 07.9	23 04.36	-11 56.3	19.5	-0.95	- 5.5	2.2/06.1	33533
2000 WU ₁₁₅	2003 09 07.9	23 04.38	-00 32.4	18.2	-0.98	- 4.3	2.3/09.6	9425
2002 EB ₈₆	2003 09 07.9	23 04.38	-06 40.5	18.9	-0.90	- 6.8	0.3/07.7	30717
2001 DA ₂₂	2003 09 07.9	23 04.40	-22 05.1	20.5	-0.76	- 3.7	4.1/02.6	13814
1999 XQ ₁₁₀	2003 09 07.9	23 04.41	+05 50.9	19.4	-0.85	- 4.6	4.0/11.7	40416
2000 VM ₂₉	2003 09 07.9	23 04.44	-02 21.8	19.2	-0.89	- 6.9	1.2/09.2	8530
1995 YB ₁₀	2003 09 07.9	23 04.45	+16 09.3	17.9	-0.88	- 1.0	9.3/15.0	47701
1999 XS ₂₁₃	2003 09 07.9	23 04.45	+14 16.5	19.4	-0.70	- 4.8	4.9/15.2	31887
1999 TM ₂₀₅	2003 09 07.9	23 04.45	-06 37.4	18.2	-0.85	- 4.3	0.3/07.8	31870
1999 TG ₉₇	2003 09 08.0	23 04.41	-11 42.2	18.3	-0.70	-11.7	2.3/05.8	47805
1998 VP ₂₉	2003 09 08.0	23 04.45	+03 47.4	18.7	-0.74	- 4.2	3.3/11.2	47755
2002 GQ ₇₇	2003 09 08.0	23 04.47	-08 54.2	19.8	-0.86	- 8.3	1.1/07.0	48229

2003 AUG. 6

M.P.C. 49381

2002 JM ₁₂₅	2003 09 08.0	23 04.50 -06 31.9 20.0	-0.89 - 4.5	0.2/07.8	31746
1997 GL ₁₀	2003 09 08.0	23 04.57 -12 01.1 20.7	-0.89 - 4.5	1.9/06.1	16753
1999 GU ₃₃	2003 09 08.0	23 04.57 -23 37.1 17.4	-0.90 - 3.4	8.8/02.4	30293
2002 KA ₉	2003 09 08.0	23 04.59 +07 15.1 18.4	-0.80 - 7.8	4.4/12.8	31763
1999 VQ ₁₉₉	2003 09 08.0	23 04.64 +27 33.8 18.5	-0.75 -11.9	10.7/22.9	47826
1998 KM ₅₆	2003 09 08.0	23 04.68 -02 27.6 19.4	-0.82 - 7.7	1.2/09.3	30272
1999 JN ₈₇	2003 09 08.0	23 04.73 -25 19.4 16.9	-0.87 - 4.1	9.6/01.5	30298
2002 JU ₄₅	2003 09 08.0	23 04.74 +07 15.7 18.0	-0.83 - 7.0	5.7/12.6	31668
1999 RG ₂₃₄	2003 09 08.0	23 04.78 -19 33.0 17.9	-0.88 - 5.8	6.3/03.3	1468
2000 YJ ₁₁₆	2003 09 08.0	23 04.80 -05 03.3 17.0	-0.94 - 4.0	0.4/08.3	12265
2001 FV ₁₀₁	2003 09 08.1	23 04.85 +05 16.9 19.4	-0.76 - 3.6	3.0/11.8	31944
2002 JB ₂₉	2003 09 08.1	23 04.87 +10 29.2 20.1	-0.80 - 7.2	5.0/14.1	32018
1996 TS ₃₉	2003 09 08.1	23 04.87 -09 30.7 18.0	-0.79 - 7.2	1.7/06.9	9048
2002 CO ₁₀	2003 09 08.1	23 04.87 -29 05.4 18.0	-1.69 + 7.6	12.1/04.2	30636
2002 GR ₁₉	2003 09 08.1	23 04.92 -10 56.2 18.7	-0.93 - 4.0	1.8/06.6	30146
1994 AC ₉	2003 09 08.1	23 04.93 -07 31.9 19.3	-0.72 - 5.2	0.6/07.6	47690
2001 FA ₁₀₂	2003 09 08.1	23 04.95 +05 23.3 19.2	-0.80 - 3.0	3.3/11.7	27767
2001 DM ₄₂	2003 09 08.1	23 05.01 -05 05.0 19.0	-0.80 - 4.6	0.3/08.4	35017
2000 XN ₁₃	2003 09 08.1	23 05.02 -25 27.3 17.2	-1.07 - 1.6	7.2/02.3	33888
2000 WU ₆₉	2003 09 08.1	23 05.04 +00 50.6 17.9	-1.01 - 3.9	2.6/10.1	30426
1999 XV ₉₆	2003 09 08.1	23 05.05 +09 30.6 18.0	-0.84 - 3.8	6.1/13.1	690
2001 EY ₂₄	2003 09 08.1	23 05.08 -28 38.6 19.2	-0.76 - 4.5	5.9/31.1	13277
2001 BC ₅₆	2003 09 08.1	23 05.11 -10 30.4 19.1	-0.84 - 5.3	1.6/06.7	35002
2002 JT ₅₄	2003 09 08.1	23 05.15 -25 29.0 19.7	-0.98 - 2.7	6.3/02.2	32022
2002 EY ₄₀	2003 09 08.1	23 05.21 -30 13.2 18.5	-1.18 + 3.1	8.1/02.7	30708
2000 WB ₁₉	2003 09 08.2	23 05.22 -21 51.4 19.1	-0.99 - 5.3	7.0/02.9	8539
2001 EP ₁₅	2003 09 08.2	23 05.24 -41 29.6 19.3	-1.44 + 2.6	12.1/29.0	48015
2000 AU ₂₂₈	2003 09 08.2	23 05.24 -07 22.5 17.9	-0.77 - 9.7	0.5/07.7	13133
2001 HB ₃₃	2003 09 08.2	23 05.24 +06 25.6 20.1	-0.67 - 5.3	3.1/12.6	13452
2002 ES ₈₉	2003 09 08.2	23 05.27 +03 56.0 18.2	-1.03 - 3.4	4.3/11.1	31980
2001 AA ₄₄	2003 09 08.2	23 05.29 -03 33.5 18.6	-1.28 + 1.5	0.8/08.7	13804
2000 UK ₇₀	2003 09 08.2	23 05.34 -06 10.6 18.3	-1.00 - 4.3	0.1/08.2	30416
1999 TN ₂₂₀	2003 09 08.2	23 05.36 -06 55.4 18.0	-1.03 - 0.3	0.4/08.0	47811
2002 JR ₁₂₄	2003 09 08.2	23 05.40 -06 40.9 19.6	-0.76 - 8.0	0.3/08.0	34006
2001 DC ₉₁	2003 09 08.2	23 05.48 +13 28.8 19.2	-0.81 - 4.5	5.8/14.9	48013
2000 AZ ₂₀₂	2003 09 08.2	23 05.49 +11 28.6 20.1	-0.70 - 5.1	4.6/14.3	47845
2000 YW ₁₀₈	2003 09 08.2	23 05.50 -09 56.6 19.1	-0.86 - 5.0	1.3/07.0	48001
2001 FP ₇₉	2003 09 08.2	23 05.50 +13 07.8 19.7	-0.68 - 6.4	5.0/15.4	17581
2001 BO ₆₇	2003 09 08.2	23 05.51 -04 37.8 19.9	-0.88 - 3.1	0.4/08.6	12281
1998 FW ₅₇	2003 09 08.3	23 05.51 -03 14.4 19.2	-0.90 - 5.5	0.9/09.1	31812
1999 UA ₃₆	2003 09 08.3	23 05.51 -10 52.9 20.1	-0.95 - 3.0	1.7/06.8	29157
2001 CZ ₅	2003 09 08.3	23 05.54 -14 20.3 17.8	-0.87 - 7.9	3.6/05.3	12284
1993 FD ₁₄	2003 09 08.3	23 05.57 -04 50.0 19.0	-0.79 - 9.2	0.3/08.7	12841
2000 XT ₁₀	2003 09 08.3	23 05.59 -02 06.7 18.2	-0.99 - 3.6	1.5/09.4	31928
1999 RE ₂₂	2003 09 08.3	23 05.61 -07 22.1 19.0	-0.82 - 7.4	0.6/07.8	33816
2000 WN ₁₆₆	2003 09 08.3	23 05.63 -02 56.6 17.6	-0.74 - 8.4	1.5/09.4	47993
1999 VS ₁₁₄	2003 09 08.3	23 05.67 +13 02.6 18.1	-0.86 - 4.1	6.8/14.5	13624
2000 UU ₁₆	2003 09 08.3	23 05.74 +30 42.5 16.8	-0.65 -14.3	14.9/27.1	47975
1999 TG ₂₈₄	2003 09 08.3	23 05.76 -02 46.8 19.3	-0.76 - 7.8	1.0/09.4	47813
1996 XX ₂₉	2003 09 08.3	23 05.76 -10 01.8 20.1	-0.92 - 5.7	1.5/07.0	9686
2000 WC ₅₉	2003 09 08.3	23 05.77 +07 45.3 19.8	-0.89 - 5.4	4.5/12.8	31924

2002 FA ₂₆	2003 09 08.3	23 05.79 -25 22.5 19.7	-0.89 - 6.0	6.3/01.8	31988
1999 RF ₈₆	2003 09 08.3	23 05.87 -11 53.6 18.2	-0.79 - 8.6	2.7/06.2	47790
2000 SA ₃₆₇	2003 09 08.3	23 05.87 -20 37.4 18.6	-1.02 - 3.6	7.1/04.0	47970
2002 CX ₁₁	2003 09 08.3	23 05.89 -04 52.6 21.6	-0.80 - 7.7	0.2/08.7	31966
1999 VF ₁₁₅	2003 09 08.3	23 05.89 -09 30.6 19.0	-1.02 - 0.6	1.3/07.4	11660
1999 RM ₁₁₈	2003 09 08.3	23 05.89 -02 41.7 17.2	-0.74 - 8.4	1.4/09.5	30309
2002 CX ₆	2003 09 08.3	23 05.96 -54 09.0 19.2	-1.74 + 5.2	22.9/22.6	48197
1999 VH ₆₂	2003 09 08.4	23 05.85 -00 05.7 18.7	-0.80 - 5.7	1.9/10.3	47820
2002 ED ₈₆	2003 09 08.4	23 05.85 -09 51.9 20.1	-0.92 - 5.7	1.5/07.1	31980
1996 EE ₈	2003 09 08.4	23 05.88 -10 24.4 18.6	-0.91 - 0.9	1.6/07.1	47702
2002 ES ₄₂	2003 09 08.4	23 05.92 -04 54.9 19.6	-0.90 - 6.7	0.3/08.7	30708
2001 BY ₇₄	2003 09 08.4	23 05.95 -15 10.2 19.4	-0.82 - 5.8	2.9/05.3	13809
2001 FN ₁₈	2003 09 08.4	23 05.98 +03 39.9 19.3	-0.71 - 7.0	2.8/11.8	14421
2002 GU ₁₆₈	2003 09 08.4	23 05.99 -10 00.1 18.9	-1.00 - 1.7	1.6/07.3	35186
2001 CV ₂₄	2003 09 08.4	23 06.08 -08 30.7 19.8	-0.80 - 5.3	0.9/07.6	48009
1999 TS ₁₁₄	2003 09 08.4	23 06.09 +00 18.9 19.0	-0.77 - 7.0	2.5/10.6	33101
1997 CH ₂₂	2003 09 08.4	23 06.11 -04 08.0 20.7	-0.87 - 4.5	0.5/09.0	13550
1998 EO ₁₄	2003 09 08.4	23 06.15 -11 13.4 19.2	-0.92 - 5.8	1.9/06.7	47724
2000 TU ₁₇	2003 09 08.4	23 06.15 -09 21.3 19.6	-1.03 - 4.3	1.5/07.4	31340
1999 KS ₁₁	2003 09 08.4	23 06.16 -14 23.7 18.4	-1.00 - 4.7	3.5/05.9	41579
2000 CU ₇₉	2003 09 08.4	23 06.16 -05 03.5 18.1	-0.72 - 4.9	0.2/08.7	47851
2000 SB ₈₇	2003 09 08.4	23 06.19 -20 38.0 19.3	-1.03 - 5.3	6.0/03.7	31914
1999 VE ₉₃	2003 09 08.4	23 06.22 -09 08.7 20.5	-0.91 - 4.5	1.2/07.4	47822
2000 RY ₄₈	2003 09 08.5	23 06.21 +04 49.2 17.7	-1.01 - 3.7	4.4/11.7	29290
2000 CQ ₇₆	2003 09 08.5	23 06.38 -08 34.2 19.4	-0.74 - 4.4	0.8/07.6	47851
2002 LC ₂₈	2003 09 08.5	23 06.38 -20 58.1 17.9	-0.74 - 6.1	5.0/03.1	41766
2000 AG ₅₁	2003 09 08.5	23 06.39 +06 30.4 18.9	-0.77 - 3.3	3.7/12.5	11745
2001 FS ₁₂	2003 09 08.5	23 06.39 -17 54.9 18.7	-0.85 - 2.2	3.7/04.8	41679
1994 GF ₃	2003 09 08.5	23 06.41 -07 55.2 20.1	-0.97 - 5.2	0.8/07.9	47691
2000 YP ₁₈	2003 09 08.5	23 06.44 -00 04.9 19.4	-0.86 - 4.3	1.6/10.3	47998
1999 RF ₁₀₉	2003 09 08.5	23 06.44 +08 45.2 18.3	-0.93 - 3.2	5.6/13.1	30308
2002 GJ ₆₇	2003 09 08.5	23 06.51 -17 46.0 19.9	-0.89 - 3.0	4.4/04.9	33548
1996 XM ₆	2003 09 08.5	23 06.56 -22 19.5 16.5	-0.60 - 6.3	9.1/01.8	9051
2001 CS ₃₁	2003 09 08.6	23 06.56 -42 47.4 19.4	-0.89 - 3.3	8.8/25.7	12289
2002 JZ ₆₁	2003 09 08.6	23 06.67 -00 05.9 19.2	-0.82 - 7.4	1.8/10.6	32023
2000 UP ₂₇	2003 09 08.6	23 06.68 -13 30.9 17.5	-0.81 - 9.4	3.7/05.8	31918
1994 PZ ₃₂	2003 09 08.6	23 06.75 +02 27.8 18.3	-0.91 - 3.4	2.8/11.2	31804
4702 T-3	2003 09 08.6	23 06.76 +01 16.8 19.7	-0.68 - 8.2	2.1/11.2	48393
2000 DO ₉₅	2003 09 08.6	23 06.76 -10 43.1 19.2	-0.73 - 4.5	1.5/07.0	31901
2002 FT ₈	2003 09 08.6	23 06.77 +03 12.9 17.1	-0.95 - 3.4	4.0/11.3	30100
1999 TJ ₂₅₆	2003 09 08.6	23 06.77 +00 41.7 18.0	-0.84 - 5.7	2.0/10.8	33833
2002 JU ₅₈	2003 09 08.6	23 06.77 +10 27.1 18.0	-0.76 - 4.7	5.3/14.3	33999
1999 RL ₃₄	2003 09 08.6	23 06.81 +01 27.0 17.6	-0.78 - 8.5	2.3/11.0	35475
1999 XJ ₂₁₇	2003 09 08.6	23 06.81 -05 38.6 17.7	-0.82 - 5.0	0.0/08.7	47836
2000 YD ₁₂₈	2003 09 08.6	23 06.82 -10 30.8 17.8	-0.91 - 3.9	2.3/07.2	33348
2002 JL ₆₂	2003 09 08.6	23 06.85 +02 40.5 19.0	-0.69 - 7.9	2.8/11.8	48234
1999 RQ ₂₄₀	2003 09 08.6	23 06.87 -30 56.1 18.7	-1.06 - 3.2	9.0/31.1	13608
1998 TT ₁₂	2003 09 08.6	23 06.94 -06 01.0 18.6	-0.75 - 4.7	0.1/08.6	47751
1999 NC ₅₆	2003 09 08.6	23 06.95 +17 00.6 17.9	-0.69 - 9.4	9.7/18.1	36547
1998 OA ₁₂	2003 09 08.6	23 06.96 +09 42.1 17.9	-1.02 + 2.1	6.6/12.4	14356
2000 XV ₉	2003 09 08.6	23 07.00 -26 57.0 18.4	-1.04 - 2.5	7.4/02.0	12258

2000 WN ₁₃₉	2003 09 08.7	23 06.93	-10 23.3	20.3	-0.92	- 6.4	1.7/07.2	47992
2002 GD ₈₄	2003 09 08.7	23 06.94	-10 47.0	18.7	-0.88	- 8.4	2.0/06.9	31555
2001 DW ₅	2003 09 08.7	23 06.96	-18 34.3	19.8	-0.87	- 2.3	4.2/04.8	48010
2002 AB ₁₉	2003 09 08.7	23 06.97	+00 36.8	16.2	-1.67	+ 9.9	3.5/09.5	30605
2002 GK ₁₆₁	2003 09 08.7	23 06.97	-14 49.8	20.6	-0.86	- 5.2	3.1/05.7	48231
1999 TH ₂₁₀	2003 09 08.7	23 06.98	+05 22.0	17.5	-0.97	+ 3.6	5.5/11.3	19460
1999 JQ ₁₁₉	2003 09 08.7	23 07.02	-21 02.0	18.4	-1.01	- 4.5	6.3/04.0	30299
2000 QZ ₁₄₅	2003 09 08.7	23 07.09	-13 59.0	19.8	-1.05	- 6.3	3.6/06.1	47923
2000 YK ₁₁₅	2003 09 08.7	23 07.10	-07 39.0	18.4	-0.90	- 4.6	0.9/08.1	30443
2000 YO ₁₀₃	2003 09 08.7	23 07.11	+40 35.5	19.2	-1.32	+ 7.5	21.0/19.1	9908
1981 EW ₁₅	2003 09 08.7	23 07.12	-04 55.3	19.6	-0.83	- 3.0	0.2/09.0	962
2002 JJ ₁₀	2003 09 08.7	23 07.15	-25 01.8	21.0	-0.92	- 4.9	6.2/02.4	31623
2000 XO ₁₂	2003 09 08.7	23 07.18	-03 28.7	18.5	-1.01	- 1.7	0.8/09.4	33328
2000 VE ₂₆	2003 09 08.7	23 07.26	+03 51.5	19.3	-0.91	- 6.7	3.7/11.9	47985
1999 XW ₅₄	2003 09 08.7	23 07.28	-04 36.5	18.7	-0.78	- 5.4	0.3/09.1	47830
1999 DD ₂	2003 09 08.7	23 07.30	-01 07.4	18.8	-1.10	- 2.3	2.2/10.0	25731
1999 XJ ₂₁₃	2003 09 08.7	23 07.30	-13 41.0	19.1	-0.81	- 7.9	2.6/05.9	1558
2002 JW ₄₆	2003 09 08.7	23 07.32	+04 23.6	19.5	-0.91	- 5.2	3.4/12.0	31670
2002 GX ₂₁	2003 09 08.8	23 07.41	-21 18.1	19.9	-0.93	- 2.6	5.1/04.1	31993
1997 EP ₃₉	2003 09 08.8	23 07.44	-00 23.0	18.4	-0.93	- 2.9	1.9/10.4	33761
2002 EV ₁₅₀	2003 09 08.8	23 07.44	-14 32.4	17.7	-1.02	- 1.4	3.8/06.4	31986
1999 JN ₅₄	2003 09 08.8	23 07.54	-11 33.6	17.5	-1.03	- 3.3	2.6/07.2	33810
2000 YL ₅₄	2003 09 08.8	23 07.59	-04 07.4	20.3	-0.85	- 4.7	0.5/09.3	47999
2002 EA ₁₀₄	2003 09 08.8	23 07.59	-18 32.6	19.2	-0.86	- 6.7	4.6/04.5	30061
1998 BO ₂₆	2003 09 08.8	23 07.60	-03 19.2	21.8	-0.91	- 4.9	0.6/09.6	35704
1998 XY ₉	2003 09 08.8	23 07.60	-09 46.7	18.6	-0.75	- 4.8	1.5/07.5	47759
2001 DS ₇₂	2003 09 08.8	23 07.60	-05 42.5	20.4	-0.68	- 5.8	0.0/08.8	12302
1998 RD ₅₃	2003 09 08.8	23 07.63	-09 05.9	18.0	-0.84	- 2.4	1.1/07.8	47740
1999 YV ₂₇	2003 09 08.8	23 07.68	-30 32.1	19.5	-0.90	- 1.9	7.5/31.7	47838
2002 EN ₁₄₁	2003 09 08.8	23 07.70	-09 36.2	19.1	-0.90	- 6.1	1.6/07.6	48223
2001 AG ₁₈	2003 09 08.9	23 07.68	-06 26.5	18.2	-0.83	- 1.8	0.2/08.7	31934
2000 EZ ₁₁₇	2003 09 08.9	23 07.75	-18 51.6	18.5	-1.07	+ 1.1	4.3/05.5	31904
1998 FV ₂	2003 09 08.9	23 07.76	+02 29.5	21.0	-0.88	- 6.7	2.9/11.6	47725
1999 US ₄₂	2003 09 08.9	23 07.77	+12 29.8	19.2	-0.83	- 5.2	6.0/15.0	13617
2001 DD ₉₃	2003 09 08.9	23 07.77	-01 21.3	19.1	-0.76	- 8.0	1.3/10.4	16092
1999 RM ₂₃₂	2003 09 08.9	23 07.90	-36 05.6	17.1	-0.91	+ 5.0	16.2/31.6	18211
2001 FT ₉₆	2003 09 08.9	23 07.90	-15 21.8	19.6	-0.89	- 6.3	3.3/05.7	48023
2000 WZ ₈₇	2003 09 08.9	23 07.91	+03 32.8	18.0	-0.99	- 3.3	3.3/11.6	13797
2002 GY ₇	2003 09 08.9	23 07.93	-01 36.2	19.5	-0.77	- 9.3	1.2/10.4	30735
4766 P-L	2003 09 08.9	23 07.93	-02 00.1	19.4	-0.71	- 5.8	1.1/10.2	24059
2000 XF ₂	2003 09 08.9	23 07.93	+00 00.3	18.8	-0.84	- 5.1	1.7/10.8	9887
2002 CZ ₂₄₁	2003 09 08.9	23 07.94	-01 22.9	18.6	-0.90	- 8.0	1.6/10.4	31971
1999 TX ₂₇₈	2003 09 08.9	23 07.97	-31 27.7	18.9	-0.95	- 1.9	8.1/31.5	17061
1998 VD ₄₃	2003 09 08.9	23 07.98	-08 59.0	19.0	-0.75	- 4.5	1.2/07.9	47756
1999 XD ₁₂₄	2003 09 08.9	23 08.01	-05 32.9	18.5	-0.88	- 1.0	0.0/09.0	18220
2001 CB ₁₇	2003 09 09.0	23 08.01	-14 38.7	18.1	-0.86	- 5.9	3.4/06.0	33895
2002 EX ₈₅	2003 09 09.0	23 08.02	-10 38.4	19.6	-0.92	- 5.8	1.8/07.4	30717
1999 VM ₅₁	2003 09 09.0	23 08.02	-17 04.1	19.3	-0.96	- 2.9	4.1/05.5	40395
2002 GM ₁₁₃	2003 09 09.0	23 08.13	-10 55.5	19.5	-0.88	- 6.8	1.9/07.3	33986
1998 SJ ₁₅₃	2003 09 09.0	23 08.14	-05 30.5	18.1	-0.71	- 5.9	0.0/09.1	47750
2001 HC ₂₃	2003 09 09.0	23 08.16	-23 30.4	19.7	-0.90	- 1.9	5.4/03.5	13438

1999 VZ ₉₁	2003 09 09.0	23 08.25	-20 34.6	18.7	-1.02	- 1.2	5.1/04.8	12193
1999 VH ₁₆₇	2003 09 09.0	23 08.27	-04 23.5	19.1	-0.79	- 4.8	0.4/09.4	47824
2000 YL ₁₂₃	2003 09 09.0	23 08.27	-03 02.5	18.4	-0.94	- 5.5	1.0/09.8	13802
2000 WG ₁₁	2003 09 09.0	23 08.29	-10 37.7	20.6	-0.94	- 5.4	1.7/07.5	34972
2000 YX ₁₃₂	2003 09 09.0	23 08.33	-08 54.9	19.0	-0.91	- 5.2	1.4/08.0	48003
2002 JB ₆₅	2003 09 09.0	23 08.39	+04 43.5	18.9	-0.72	- 6.7	3.1/12.8	48235
1999 VH ₄	2003 09 09.0	23 08.41	-29 03.0	18.8	-1.06	- 1.1	8.7/01.9	40388
4273 T-3	2003 09 09.0	23 08.41	-24 57.5	19.1	-0.84	- 2.5	5.1/02.9	2598
1998 SB ₁₂	2003 09 09.0	23 08.42	-02 33.3	18.8	-0.74	- 5.9	1.1/10.1	35716
2001 CO ₂₃	2003 09 09.0	23 08.42	-11 11.1	19.2	-0.88	- 7.5	2.2/07.2	17545
2002 KA ₁₃	2003 09 09.0	23 08.42	-04 48.8	19.2	-0.79	- 4.6	0.2/09.3	31764
2000 YR ₁₁₀	2003 09 09.1	23 08.36	-12 23.7	18.0	-0.95	- 5.5	2.8/06.9	30443
2001 AC ₃₅	2003 09 09.1	23 08.40	-08 11.2	18.4	-0.95	- 4.1	0.9/08.3	11027
2002 EK ₉₂	2003 09 09.1	23 08.40	-00 28.7	19.5	-0.91	- 5.8	1.9/11.0	30048
2000 WQ ₅₉	2003 09 09.1	23 08.41	-10 18.6	19.4	-0.93	- 6.6	1.8/07.6	33886
1999 VR ₄₃	2003 09 09.1	23 08.50	-08 00.8	19.0	-0.89	- 4.3	0.9/08.4	13621
2000 DU ₉₈	2003 09 09.1	23 08.50	-14 46.8	17.8	-0.74	- 5.1	3.0/06.0	47859
1999 RR ₁₃₈	2003 09 09.1	23 08.51	+12 22.6	18.5	-1.06	+ 0.9	7.4/13.8	47793
2001 BA ₂₇	2003 09 09.1	23 08.52	-10 20.5	20.4	-0.74	- 5.9	1.3/07.5	48006
2002 CJ ₁₁₅	2003 09 09.1	23 08.57	+11 03.4	19.7	-1.29	+ 0.7	6.2/13.3	30661
2002 EV ₂₇	2003 09 09.1	23 08.64	-05 09.0	20.4	-0.91	- 6.4	0.1/09.3	48217
2000 WA ₅₈	2003 09 09.1	23 08.67	-00 27.4	18.0	-0.92	- 6.7	2.1/10.8	31355
2002 LE ₁₄	2003 09 09.1	23 08.68	+08 14.6	19.0	-0.83	- 3.9	4.5/13.7	33601
2002 CR ₁₀₃	2003 09 09.1	23 08.70	-09 32.7	20.4	-0.90	- 6.6	1.5/07.9	48203
1998 KP ₃₁	2003 09 09.1	23 08.74	-12 58.5	18.6	-0.86	- 6.0	2.5/06.7	31817
1999 RA ₁₇₈	2003 09 09.2	23 08.72	-07 06.0	16.7	-0.68	-12.7	0.7/08.6	30312
1999 RL ₁₇₀	2003 09 09.2	23 08.74	-06 57.5	18.7	-0.99	- 2.3	0.5/08.8	30312
1981 DY ₂	2003 09 09.2	23 08.78	+02 31.9	17.9	-1.22	+ 2.7	3.1/10.9	13529
2710 P-L	2003 09 09.2	23 08.84	-14 12.8	19.8	-0.80	- 3.1	2.4/06.5	48386
2002 JD ₂₀	2003 09 09.2	23 08.87	-16 44.3	19.0	-0.84	- 7.4	3.9/05.3	32016
1998 TN ₃₂	2003 09 09.2	23 08.88	+09 37.5	19.4	-0.70	- 6.7	5.1/14.7	47752
1999 RB ₂₁₂	2003 09 09.2	23 08.93	-01 47.0	17.0	-1.00	- 1.7	1.4/10.3	31862
1999 VY ₁₄₈	2003 09 09.2	23 08.94	-11 39.4	19.4	-0.80	- 5.4	2.2/07.2	31878
2000 YV ₆₉	2003 09 09.2	23 08.96	-12 14.5	20.3	-0.95	- 6.6	2.5/07.0	48000
2001 FP ₂	2003 09 09.2	23 08.97	-10 15.3	19.0	-0.81	- 4.7	1.7/07.7	48017
2002 AU ₁₂₈	2003 09 09.2	23 08.98	+20 00.7	17.8	-1.68	+ 9.2	13.7/13.3	30619
2001 BX ₆₀	2003 09 09.2	23 09.02	-04 54.4	19.0	-0.85	- 6.7	0.2/09.5	12279
2002 GZ ₉₄	2003 09 09.2	23 09.06	+03 07.9	20.0	-0.88	- 7.2	3.2/12.2	31566
1999 TB ₂₄₆	2003 09 09.2	23 09.09	-04 01.1	19.0	-0.79	- 8.0	0.5/09.8	47812
2000 WQ ₂₂	2003 09 09.2	23 09.16	-16 07.1	19.9	-0.97	- 7.3	3.9/05.7	9389
1999 VO ₁₈	2003 09 09.3	23 09.07	-03 33.5	18.6	-0.84	- 4.8	0.7/09.9	35486
1999 XA ₉₁	2003 09 09.3	23 09.08	+00 22.3	18.9	-0.73	- 4.0	1.6/11.2	41586
2001 XF ₁₀₉	2003 09 09.3	23 09.16	-18 42.0	17.3	-1.00	- 4.7	5.3/05.3	30576
2001 AS ₃	2003 09 09.3	23 09.20	-17 21.7	19.8	-0.81	- 7.6	3.8/05.1	48003
2001 AR ₁₇	2003 09 09.3	23 09.20	+02 39.5	18.5	-0.82	- 2.9	2.5/11.8	48004
2000 XF ₄₇	2003 09 09.3	23 09.22	-23 25.5	17.7	-1.52	+ 2.6	7.6/05.3	13800
1998 QZ ₃₄	2003 09 09.3	23 09.22	-02 10.7	17.8	-0.65	-10.9	1.2/10.6	47734
4736 P-L	2003 09 09.3	23 09.27	-13 14.6	19.7	-0.85	- 2.0	2.5/07.0	13515
1998 OX ₆	2003 09 09.3	23 09.27	+08 20.0	16.9	-0.89	- 1.9	4.7/13.5	12128
2002 JV ₄₁	2003 09 09.3	23 09.28	-19 22.5	19.4	-0.97	- 1.6	5.1/05.4	31664
2000 DZ ₉₄	2003 09 09.3	23 09.35	-11 52.0	19.3	-0.67	- 4.5	1.6/07.2	14400

2003 AUG. 6

M.P.C. 49383

2001 AU	2003 09 09.3	23 09.36	-05 17.4	19.1	-0.82	- 4.0	0.0/09.4	15094
1998 HP ₇	2003 09 09.3	23 09.37	-38 58.6	20.9	-1.11	- 3.6	9.4/28.5	9073
2002 ET ₇₂	2003 09 09.3	23 09.41	-00 45.6	18.6	-0.83	- 8.8	1.8/11.0	33970
1999 RG ₂₀	2003 09 09.3	23 09.49	-01 47.5	17.7	-0.91	- 1.3	1.7/10.4	29062
2002 EM ₈₀	2003 09 09.3	23 09.51	-09 45.8	19.2	-0.95	- 3.1	1.8/08.1	30029
1999 TR ₁₂₉	2003 09 09.4	23 09.43	-03 50.9	19.7	-0.87	- 5.2	0.5/09.9	47807
1999 RQ ₃	2003 09 09.4	23 09.44	+02 40.9	18.8	-0.78	- 7.9	3.5/12.3	29058
1999 TS ₂₆₂	2003 09 09.4	23 09.48	+05 07.0	17.0	-1.08	+ 2.1	4.5/11.9	41582
2002 EP ₈₀	2003 09 09.4	23 09.52	-12 10.4	17.7	-1.04	+ 0.7	3.5/07.7	30030
2000 YA ₃₆	2003 09 09.4	23 09.56	-05 26.5	19.9	-0.93	- 6.1	0.0/09.4	47998
2002 JK ₁₀₂	2003 09 09.4	23 09.62	-05 03.0	18.2	-0.76	- 5.5	0.1/09.6	34003
2001 FO ₂₆	2003 09 09.4	23 09.63	+03 36.0	20.2	-0.70	- 5.5	2.3/12.6	13827
2001 BJ ₄₉	2003 09 09.4	23 09.65	-06 49.4	20.5	-0.67	- 7.4	0.3/08.9	11829
1998 HU ₂	2003 09 09.4	23 09.66	-14 22.7	18.0	-0.71	- 6.8	4.1/06.2	47728
2002 CR ₂₁₉	2003 09 09.4	23 09.75	-09 11.8	20.9	-0.90	- 7.7	1.4/08.2	30684
1993 SJ	2003 09 09.4	23 09.76	-10 23.0	18.5	-1.06	+ 0.5	2.5/08.2	47688
2002 GQ ₁₀₂	2003 09 09.4	23 09.78	-01 05.8	18.1	-0.67	-10.3	1.4/11.1	33985
2002 GO ₃₃	2003 09 09.4	23 09.83	-17 33.3	19.6	-1.05	- 4.0	4.9/05.9	31506
2000 XB ₄₆	2003 09 09.5	23 09.86	-28 45.9	19.8	-1.20	+ 1.2	7.0/03.5	12260
2001 FS ₁₁₅	2003 09 09.5	23 09.87	-11 58.8	18.7	-0.88	- 1.7	2.2/07.6	48024
1999 TS ₁₈₃	2003 09 09.5	23 09.90	+19 04.4	19.1	-0.99	- 1.1	9.6/17.3	47809
2002 EK ₁₅₃	2003 09 09.5	23 09.90	-04 19.4	18.2	-0.83	- 5.3	0.5/09.9	48224
2002 KO ₁₀	2003 09 09.5	23 09.90	-17 20.7	19.2	-0.86	- 4.2	4.2/05.7	33592
2000 PL ₃	2003 09 09.5	23 09.93	+16 13.0	19.1	-1.37	+ 1.2	9.8/14.8	30361
2002 EN ₇₉	2003 09 09.5	23 09.95	+04 25.8	18.6	-0.93	- 4.9	3.9/12.7	48220
1998 SH ₁₄₃	2003 09 09.5	23 09.98	-15 01.3	18.3	-0.73	- 4.6	2.7/06.3	31836
1997 FM ₃	2003 09 09.5	23 10.00	-18 13.0	18.6	-1.01	- 1.9	4.5/05.8	47710
2000 AK ₁₄₉	2003 09 09.5	23 10.04	-21 31.0	18.4	-0.73	- 6.3	4.4/03.7	31892
2002 JF ₁₂₀	2003 09 09.5	23 10.05	-16 07.7	18.9	-0.71	-10.7	4.0/05.4	48237
2001 CD ₃₈	2003 09 09.5	23 10.08	-38 20.0	17.8	-0.82	- 4.2	9.2/27.9	33896
1118 T-2	2003 09 09.5	23 10.11	-03 04.7	18.2	-0.83	- 5.3	0.9/10.3	48389
2001 CX ₂₂	2003 09 09.5	23 10.14	-11 19.4	18.9	-0.85	- 6.2	2.3/07.6	30449
1999 WS ₁₂	2003 09 09.5	23 10.19	-13 31.8	19.0	-0.88	- 4.1	3.5/07.0	1545
1998 WK ₁₅	2003 09 09.5	23 10.19	-08 26.5	18.3	-0.73	- 6.2	1.1/08.5	31846
1999 RX ₄₁	2003 09 09.5	23 10.23	-06 36.8	17.1	-1.04	- 0.6	0.5/09.3	33817
2000 YC ₁₂₂	2003 09 09.5	23 10.23	-17 32.0	19.9	-0.94	- 5.1	4.3/05.7	33890
2000 VJ ₃₇	2003 09 09.6	23 10.16	-25 58.2	18.3	-1.00	- 5.5	7.3/02.5	10997
2000 WO ₁₆₆	2003 09 09.6	23 10.16	-02 05.5	19.9	-0.91	- 6.9	1.1/10.7	9435
2002 GX ₃	2003 09 09.6	23 10.17	-28 56.1	18.6	-1.15	+ 2.9	7.7/04.2	30734
1999 TX ₂₆₀	2003 09 09.6	23 10.17	-31 22.6	18.8	-1.11	+ 2.9	11.1/03.1	47813
2001 DK ₈₈	2003 09 09.6	23 10.18	+02 53.1	19.6	-0.76	- 2.7	2.0/12.2	13817
2002 FJ ₄	2003 09 09.6	23 10.19	-08 20.1	19.3	-0.99	- 4.4	1.1/08.7	31986
2002 AH ₃₄	2003 09 09.6	23 10.20	+00 27.0	20.0	-0.93	- 7.1	2.1/11.5	27802
2000 XQ	2003 09 09.6	23 10.23	-08 23.9	20.4	-0.88	- 6.5	1.0/08.6	31928
1999 XV ₄₁	2003 09 09.6	23 10.25	-02 45.3	17.9	-0.82	- 4.2	1.2/10.4	1549
2000 WZ ₉	2003 09 09.6	23 10.26	-11 27.0	20.2	-0.93	- 6.7	2.3/07.6	9867
2000 SY ₁₇₉	2003 09 09.6	23 10.32	-20 40.5	18.1	-1.11	- 1.3	7.4/05.3	31915
2001 CL ₃₇	2003 09 09.6	23 10.37	-12 18.6	18.9	-0.77	- 7.4	2.5/07.2	33369
2000 AC ₁₆₉	2003 09 09.6	23 10.38	-09 05.4	17.6	-0.73	- 8.8	1.4/08.3	47844
1999 XA ₁	2003 09 09.6	23 10.39	+07 04.7	17.8	-0.79	- 3.5	3.7/13.7	47827
1999 NN ₂₃	2003 09 09.6	23 10.42	-06 48.4	18.1	-0.75	- 6.5	0.7/09.1	47785

1999 RW ₂₆	2003 09 09.6	23 10.42	+00 09.3	17.2	-0.91	- 5.1	2.2/11.4	31857
1999 VD ₁₂₁	2003 09 09.6	23 10.47	-26 10.9	19.0	-1.06	+ 0.8	8.2/04.2	47823
1999 VP ₁₁₂	2003 09 09.6	23 10.48	-10 15.5	18.6	-0.80	- 4.7	1.6/08.1	30334
2002 FG	2003 09 09.6	23 10.52	+01 46.4	18.1	-0.71	- 9.6	2.7/12.4	31986
1997 GY ₂	2003 09 09.6	23 10.52	-06 05.3	18.8	-0.79	- 5.5	0.3/09.4	30254
2002 LP ₄₉	2003 09 09.6	23 10.54	+17 06.9	19.4	-0.80	- 7.2	7.9/18.3	33627
1999 VF ₅₇	2003 09 09.6	23 10.58	-03 25.3	18.9	-0.82	- 5.6	0.7/10.3	2682
2002 JL ₆₀	2003 09 09.6	23 10.59	-09 51.5	20.4	-0.79	- 4.7	1.4/08.2	31687
1993 VL ₁	2003 09 09.7	23 10.52	-43 20.6	18.4	-0.91	- 4.4	12.9/24.0	47690
2000 AY ₅₃	2003 09 09.7	23 10.58	+07 42.1	17.8	-0.85	- 2.1	4.6/13.7	27657
2002 GR ₁₆	2003 09 09.7	23 10.64	-11 20.8	19.6	-0.94	- 5.3	2.2/07.8	30140
1999 UB ₈	2003 09 09.7	23 10.76	-10 06.4	17.2	-0.79	- 3.4	2.2/08.2	47815
1999 TW ₁₄₀	2003 09 09.7	23 10.77	-09 30.5	18.7	-0.85	- 3.9	1.3/08.4	13613
2000 XV ₃₀	2003 09 09.7	23 10.83	+00 22.5	18.1	-1.02	- 3.0	2.2/11.4	9891
1998 SG ₈₄	2003 09 09.7	23 10.86	-02 08.4	18.8	-0.64	-10.8	1.1/11.0	31243
2001 EX ₁	2003 09 09.7	23 10.86	-21 46.8	18.6	-0.98	- 2.9	5.5/04.7	17567
2000 WG ₁₃₃	2003 09 09.7	23 10.93	-16 11.5	18.3	-1.12	- 1.4	4.0/06.9	31926
2002 GL ₇₄	2003 09 09.7	23 10.94	+00 58.6	19.4	-0.94	- 5.1	2.2/11.8	31543
1999 JK ₆₆	2003 09 09.8	23 10.91	-21 15.4	17.2	-0.88	- 3.1	8.1/04.7	30297
2002 JW ₇₁	2003 09 09.8	23 10.93	-08 12.1	19.5	-0.74	- 6.9	0.9/08.8	32025
2002 GU ₁₄	2003 09 09.8	23 10.94	-10 36.0	20.3	-0.94	- 3.9	1.9/08.2	31992
1999 RE ₉₄	2003 09 09.8	23 10.94	-09 01.5	17.4	-0.71	-11.9	1.5/08.4	47791
2000 YN ₃₆	2003 09 09.8	23 10.95	-11 17.0	19.2	-0.84	- 6.4	1.9/07.8	31930
1999 VC ₁₄₄	2003 09 09.8	23 11.01	-01 47.3	19.3	-0.82	- 4.9	1.2/11.0	10928
2001 HP ₃₄	2003 09 09.8	23 11.02	+09 47.5	18.8	-0.69	- 5.8	4.0/15.2	14432
1999 JU ₁₅	2003 09 09.8	23 11.06	-19 58.6	15.5	-0.89	- 4.1	7.3/05.0	47778
2002 GV ₁	2003 09 09.8	23 11.07	-25 13.9	18.8	-0.89	- 3.6	7.3/03.5	48226
1998 RM ₁₁	2003 09 09.8	23 11.09	-13 26.5	20.2	-0.89	- 1.5	2.7/07.5	16841
2000 SQ ₁₈₈	2003 09 09.8	23 11.15	-05 14.8	17.9	-0.94	- 4.4	0.0/09.9	27716
1999 UU ₂₉	2003 09 09.8	23 11.18	-10 52.9	18.9	-0.85	- 3.6	2.5/08.1	33835
2002 CX ₂₃₄	2003 09 09.8	23 11.18	+09 35.9	18.7	-0.62	-10.5	4.9/16.0	48211
1999 TW ₁₁₂	2003 09 09.8	23 11.21	+14 03.6	19.4	-0.72	-10.4	7.6/17.8	47806
2001 XS ₂	2003 09 09.8	23 11.22	-48 54.3	18.3	-1.67	+ 1.8	18.6/26.5	30560
2002 JW ₉₂	2003 09 09.8	23 11.24	+01 08.8	19.3	-0.81	- 5.1	2.3/12.0	31724
2000 WK ₇₅	2003 09 09.8	23 11.24	-17 31.5	17.5	-1.06	- 3.1	5.1/06.3	30427
2002 GW ₈	2003 09 09.8	23 11.28	-24 45.1	19.2	-1.13	+ 0.3	6.7/04.9	31991
2002 CZ ₁₇₄	2003 09 09.9	23 11.24	-17 02.1	18.3	-0.93	- 5.9	4.1/06.1	31970
2001 AP ₄₂	2003 09 09.9	23 11.25	-17 22.4	18.1	-0.97	- 3.8	5.1/06.1	10682
2000 DM ₇₆	2003 09 09.9	23 11.29	-03 09.2	19.0	-0.72	- 4.9	0.6/10.6	47858
2002 CP ₁₀₄	2003 09 09.9	23 11.30	-10 57.6	19.1	-0.91	- 6.4	2.2/08.1	29816
1996 XV ₂₈	2003 09 09.9	23 11.31	-02 10.3	17.4	-0.80	- 4.9	1.5/10.9	30253
1999 RN ₁₆₄	2003 09 09.9	23 11.31	+00 11.6	17.5	-1.08	+ 2.7	2.6/11.2	1461
2000 YW ₃₀	2003 09 09.9	23 11.34	+05 33.6	20.7	-0.94	- 2.5	3.6/13.1	47998
2001 BP ₆₀	2003 09 09.9	23 11.37	-00 13.2	18.7	-0.75	- 9.8	1.6/11.8	33894
2002 JE ₁₂₇	2003 09 09.9	23 11.39	-09 15.6	18.5	-0.83	- 7.1	1.4/08.6	33580
1999 UL ₃₇	2003 09 09.9	23 11.43	-07 50.1	20.2	-0.85	- 5.2	0.9/09.1	29159
1995 UR ₂₂	2003 09 09.9	23 11.47	-24 45.2	19.1	-1.11	+ 1.4	8.2/04.9	31218
2002 JC ₁₄₃	2003 09 09.9	23 11.52	-19 45.6	17.7	-0.78	- 6.4	5.6/04.9	33586
1999 XD ₁₂₁	2003 09 09.9	23 11.52	-22 29.1	18.4	-0.93	- 3.1	6.5/04.4	31884
2002 EY ₁₀₅	2003 09 09.9	23 11.59	-20 53.9	18.4	-0.89	- 4.0	6.5/05.0	35174
2002 JY ₁	2003 09 09.9	23 11.63	-12 15.1	19.9	-0.83	- 6.3	2.4/07.6	48232

2001 AT ₃₁	2003 09 09.9	23 11.63	-04 33.8	18.6	-1.00	- 3.3	0.3/10.2	48004
2002 EJ ₁₁₅	2003 09 09.9	23 11.65	-13 31.5	19.9	-0.91	- 6.0	3.0/07.3	30068
1999 OC ₃	2003 09 09.9	23 11.67	+15 22.1	17.2	-1.18	+ 6.1	9.9/14.4	10356
1999 UQ ₁₁	2003 09 09.9	23 11.67	-05 01.9	17.2	-0.93	- 2.0	0.0/10.0	25764
2001 EM ₇	2003 09 09.9	23 11.67	-12 25.9	18.9	-0.84	- 6.9	2.5/07.5	48015
2001 EW ₁₉	2003 09 10.0	23 11.62	-10 18.7	19.6	-0.76	- 5.1	1.5/08.3	11952
2002 HD ₇	2003 09 10.0	23 11.63	+01 45.8	19.7	-0.73	- 7.7	2.1/12.5	30742
1999 JF ₅₅	2003 09 10.0	23 11.63	-18 07.7	17.4	-0.90	- 5.4	6.0/05.8	33810
2000 UL ₅₆	2003 09 10.0	23 11.70	-15 34.6	17.3	-0.89	- 5.7	4.9/06.6	27735
2002 GE ₅₅	2003 09 10.0	23 11.72	+06 27.0	19.7	-0.90	- 6.6	4.4/14.0	31527
2000 UV ₅₄	2003 09 10.0	23 11.73	-02 56.4	17.4	-0.63	-10.6	1.2/10.9	9851
1998 UZ ₄₄	2003 09 10.0	23 11.73	+00 03.1	18.7	-0.67	- 6.5	1.4/11.9	31841
1998 UE ₃₄	2003 09 10.0	23 11.74	+09 39.9	17.9	-0.73	- 5.0	4.5/15.2	31840
1998 AZ ₄	2003 09 10.0	23 11.75	+07 50.6	17.9	-0.99	- 5.0	5.1/14.1	30258
2002 EC ₁₉	2003 09 10.0	23 11.75	+01 40.2	18.8	-0.95	- 5.4	2.6/12.2	29951
1999 TR ₁₈₆	2003 09 10.0	23 11.76	+16 17.6	18.4	-0.89	- 3.5	7.3/17.0	41582
1998 SK ₁₄	2003 09 10.0	23 11.79	-16 28.7	17.2	-1.43	+ 9.8	5.3/08.4	31829
2000 FM ₁₂	2003 09 10.0	23 11.83	-31 26.1	18.6	-0.82	- 2.3	7.2/32.0	17230
2002 GE ₄₀	2003 09 10.0	23 11.87	-00 24.5	19.0	-1.02	- 4.7	2.0/11.5	33979
2001 BS ₆₄	2003 09 10.0	23 11.88	+00 52.3	20.6	-0.84	- 5.7	1.9/12.0	15094
2000 DS ₇₆	2003 09 10.0	23 11.93	-03 00.1	18.5	-0.70	- 3.4	0.6/10.8	40468
2001 AF ₂₈	2003 09 10.0	23 11.97	-03 36.9	18.7	-1.03	- 0.9	0.5/10.5	12269
1998 HL ₁₂₆	2003 09 10.1	23 11.95	+21 35.9	20.4	-0.86	- 7.0	7.5/20.1	47731
2001 FT ₁₀₇	2003 09 10.1	23 11.99	+11 23.9	20.5	-0.72	- 4.6	4.1/15.9	33905
1999 YR ₁₇	2003 09 10.1	23 12.06	-28 54.9	18.3	-0.96	- 1.1	7.4/02.6	47838
2001 FR ₂₁	2003 09 10.1	23 12.07	-19 10.1	18.8	-0.77	- 4.6	4.1/05.3	13289
2001 HE ₄₂	2003 09 10.1	23 12.13	-03 35.4	18.6	-0.69	- 7.3	0.5/10.7	27767
1998 TQ ₉	2003 09 10.1	23 12.14	+00 41.3	19.2	-0.73	- 6.0	1.9/12.1	47751
1981 EK ₃₂	2003 09 10.1	23 12.14	+05 30.3	20.0	-0.91	- 6.5	4.3/13.7	47680
1999 TC ₁₉₅	2003 09 10.1	23 12.15	-11 16.0	18.9	-0.87	- 3.6	2.1/08.2	12175
2000 WQ ₁₅₇	2003 09 10.1	23 12.17	-30 34.2	19.5	-0.94	- 4.3	8.0/01.3	47993
1999 XK ₁₃₇	2003 09 10.1	23 12.23	-16 31.6	19.8	-0.73	- 4.3	3.0/06.3	13636
1995 DH ₆	2003 09 10.1	23 12.33	-06 20.4	18.4	-1.03	- 3.2	0.5/09.8	27582
2002 JV ₂₁	2003 09 10.1	23 12.34	+09 21.4	21.0	-0.81	- 7.7	4.3/15.4	31636
2000 AX ₂₂	2003 09 10.2	23 12.31	-05 04.2	19.4	-0.75	- 4.4	0.0/10.2	47839
2001 DC ₆₈	2003 09 10.2	23 12.38	-04 43.3	21.4	-0.90	- 4.7	0.1/10.3	48012
1999 TV ₈	2003 09 10.2	23 12.39	-00 01.8	18.5	-0.78	- 6.8	1.5/12.0	33826
2001 FG ₆	2003 09 10.2	23 12.43	-14 57.9	17.9	-0.79	- 2.1	3.0/07.2	17572
2002 GK ₂	2003 09 10.2	23 12.44	-14 03.8	19.0	-0.87	- 2.7	2.8/07.6	30733
2001 AK ₅₃	2003 09 10.2	23 12.45	-02 44.2	17.8	-0.79	- 9.1	1.0/11.0	34996
1998 SL ₁₁₈	2003 09 10.2	23 12.62	-05 43.7	18.2	-0.80	- 4.5	0.2/10.1	27611
1999 XS ₄₈	2003 09 10.2	23 12.63	-03 50.5	18.8	-0.85	- 4.6	0.4/10.7	5669
2001 EN ₇	2003 09 10.2	23 12.63	-13 32.5	18.5	-0.81	- 2.5	2.5/07.7	48015
2000 WX ₁₆₀	2003 09 10.2	23 12.66	-08 14.1	18.1	-0.79	-10.0	1.4/09.1	33324
2002 LE ₃₈	2003 09 10.2	23 12.69	-20 49.5	18.9	-0.86	- 2.6	5.5/05.3	35204
2002 JA ₄₇	2003 09 10.2	23 12.73	+08 14.5	17.9	-0.76	- 4.3	4.7/14.9	31670
1999 VN ₈₇	2003 09 10.3	23 12.73	+10 33.9	18.4	-0.77	- 7.5	4.7/16.1	33838
1999 RL ₁₅₂	2003 09 10.3	23 12.74	+16 50.8	17.9	-0.76	- 8.1	8.6/19.0	47794
1998 KE ₅₃	2003 09 10.3	23 12.77	-30 02.1	18.0	-0.78	- 6.6	9.9/31.9	30271
2001 AQ ₄₂	2003 09 10.3	23 12.84	-09 18.1	18.7	-0.97	- 3.0	1.7/09.1	48004
2002 EC ₄₉	2003 09 10.3	23 12.85	-09 48.3	19.9	-0.86	- 7.3	1.8/08.7	48218

2000 WN ₁₈₅	2003 09 10.3	23 12.89	+10 25.7	18.0	-0.93	- 3.6	6.8/15.2	29600
1998 FL ₅₅	2003 09 10.3	23 12.94	-05 16.9	18.9	-0.85	- 8.3	0.1/10.3	31812
2001 CK ₃₄	2003 09 10.3	23 12.97	-31 43.4	19.9	-0.95	- 4.2	8.4/31.9	13250
1999 VD ₆₅	2003 09 10.3	23 13.00	-00 53.6	20.1	-0.82	- 5.7	1.4/11.7	12991
1998 EZ ₁	2003 09 10.3	23 13.02	-03 23.1	18.9	-0.86	- 7.1	0.6/10.9	30261
2002 JS ₁₆	2003 09 10.3	23 13.04	-16 43.9	18.7	-0.89	- 6.4	4.3/06.5	32016
2000 CK ₃₂	2003 09 10.3	23 13.05	-05 16.6	19.8	-0.74	- 5.1	0.1/10.3	2735
1999 XX ₂₂₂	2003 09 10.3	23 13.05	-00 48.0	18.7	-0.81	- 2.4	1.2/11.7	31887
2001 YH ₄	2003 09 10.3	23 13.11	-14 48.4	19.4	-1.00	- 4.0	3.5/07.5	31961
2002 JY ₆₂	2003 09 10.4	23 13.05	-05 45.5	18.7	-0.80	- 7.4	0.2/10.2	33999
1998 FX ₇	2003 09 10.4	23 13.09	-06 57.3	21.3	-0.91	- 5.9	0.7/09.8	47725
1999 VG ₁₉	2003 09 10.4	23 13.11	+09 29.1	18.6	-0.77	- 6.2	4.9/15.5	13619
2000 YL ₉₆	2003 09 10.4	23 13.14	-05 22.8	19.4	-0.83	- 6.2	0.1/10.3	48001
1999 OY ₁	2003 09 10.4	23 13.14	+22 39.0	16.8	-0.85	- 2.9	11.8/20.4	47786
1999 JK ₅₆	2003 09 10.4	23 13.16	-05 47.8	18.4	-0.92	- 7.9	0.3/10.2	27620
2000 AT ₁₇₅	2003 09 10.4	23 13.19	+02 32.1	18.5	-0.71	- 7.1	2.3/13.1	30348
1999 VW ₁₃₃	2003 09 10.4	23 13.22	+02 48.4	19.0	-0.80	- 5.7	2.7/13.1	47823
2001 EH ₂₇	2003 09 10.4	23 13.24	-05 20.1	19.7	-0.73	- 4.6	0.1/10.3	48016
2002 KG ₉	2003 09 10.4	23 13.27	-21 15.9	19.2	-0.82	- 7.4	5.4/04.7	32034
1999 VY ₁₉₆	2003 09 10.4	23 13.29	-18 27.8	18.5	-0.77	- 8.3	4.6/05.5	47826
1999 VH ₈₁	2003 09 10.4	23 13.30	-08 52.6	18.5	-0.77	- 6.6	1.4/09.1	47821
1999 XZ ₂₄₁	2003 09 10.4	23 13.32	+07 18.4	19.1	-0.86	- 3.4	4.3/14.3	19470
1999 JZ ₁₄	2003 09 10.4	23 13.32	-15 49.7	18.6	-0.97	- 7.5	4.1/06.9	29031
1999 VP ₃₀	2003 09 10.4	23 13.38	+20 47.5	18.3	-0.73	- 7.4	9.8/21.1	47819
2002 JB ₇₀	2003 09 10.4	23 13.43	-19 23.3	19.8	-0.84	- 5.1	4.7/05.7	48235
1999 XV ₈₁	2003 09 10.4	23 13.45	+01 30.6	21.2	-0.95	- 5.7	2.2/12.5	38841
2000 UA ₄₁	2003 09 10.4	23 13.46	+04 01.8	18.4	-0.93	- 6.4	3.4/13.5	31918
1999 VN ₁₃₇	2003 09 10.5	23 13.43	-10 01.2	20.1	-0.84	- 4.2	1.6/08.9	10928
2002 GQ ₃	2003 09 10.5	23 13.43	-27 38.7	19.4	-0.91	- 1.1	7.0/03.8	31990
2000 WV ₃₉	2003 09 10.5	23 13.51	-00 03.6	19.4	-0.87	- 8.5	1.9/12.2	47988
2001 AG ₄₇	2003 09 10.5	23 13.58	-34 23.2	17.4	-1.52	+ 3.2	12.1/02.8	13805
2002 JV ₁₄	2003 09 10.5	23 13.59	-10 27.3	21.0	-0.89	- 5.8	1.8/08.8	48232
2000 CU ₂₅	2003 09 10.5	23 13.64	-10 47.3	18.9	-0.72	- 8.8	1.9/08.4	29209
2000 WC ₁₀₁	2003 09 10.5	23 13.65	+11 46.0	18.6	-0.97	- 4.2	6.4/15.7	34975
2000 YX ₂₆	2003 09 10.5	23 13.68	+04 04.0	17.9	-0.71	- 8.4	2.5/13.9	33889
2001 BA ₅₃	2003 09 10.5	23 13.70	-11 17.3	19.8	-0.75	- 9.2	2.0/08.2	35002
1999 TD ₁₁₅	2003 09 10.5	23 13.72	+00 15.4	18.2	-0.94	- 3.5	2.1/12.1	1144
2002 HP ₄	2003 09 10.5	23 13.76	-17 06.7	19.1	-0.90	- 6.5	4.0/06.5	32011
1995 FD ₄	2003 09 10.5	23 13.76	-09 16.2	18.7	-0.98	- 4.3	1.9/09.3	30247
2002 CZ ₁₁₀	2003 09 10.6	23 13.76	-08 07.9	17.9	-0.89	- 8.9	1.3/09.5	35156
1998 SE ₁₆₁	2003 09 10.6	23 13.83	+08 36.1	18.4	-0.71	- 6.2	4.2/15.5	47751
2000 AT ₁₁₅	2003 09 10.6	23 13.84	+08 16.5	18.5	-0.70	- 4.5	3.6/15.2	31891
1998 SV ₁₂	2003 09 10.6	23 13.92	-12 05.4	18.3	-0.69	-11.3	2.0/07.8	47743
1999 XW ₇₅	2003 09 10.6	23 13.93	+30 28.1	19.3	-0.78	- 3.0	8.2/24.4	33845
2001 DE ₁₀₄	2003 09 10.6	23 13.97	-05 49.4	19.3	-0.74	- 5.1	0.3/10.4	48014
1999 VP ₁₇₂	2003 09 10.6	23 13.97	-23 51.5	19.8	-0.83	- 3.8	5.9/04.3	47825
2000 AK ₁₇₆	2003 09 10.6	23 14.00	+01 55.7	19.3	-0.78	- 7.2	2.4/13.0	47844
1999 TA ₃₇	2003 09 10.6	23 14.08	+02 10.7	18.1	-0.69	-12.6	2.7/13.5	31865
2002 ES ₁₃₂	2003 09 10.6	23 14.13	-01 30.8	19.4	-0.91	- 7.6	1.4/11.8	30076
2001 EX	2003 09 10.6	23 14.15	-07 11.1	19.6	-1.00	- 2.1	0.8/10.1	15095
1998 EM ₇	2003 09 10.6	23 14.16	-06 00.0	18.9	-1.03	- 4.4	0.4/10.4	9696