
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

Supported in part by the Steven and Michele Kirsch Foundation

© Copyright 2003 Minor Planet Center Prepared using the Tamkin Foundation Computer Network

EDITORIAL NOTICE

This is an *MPC* mini-batch. A complete batch will be issued in November.

The 2004 edition of *Efemeridy Malykh Planet* ("Ephemerides of Minor Planets") has been published by the Institute of Applied Astronomy of the Russian Academy of Sciences in St. Petersburg. It contains orbital elements and ephemerides for 15 102 numbered minor planets with absolute magnitudes $H \leq 13.5$. In addition, the volume contains a tabulation of the orbital elements of all the numbered near-earth asteroids (NEAs), regardless of their absolute magnitudes. Two further tables contain orbital elements for centaurs and transneptunian objects, as well as those for some other unusual objects. Ephemerides are also given for the NEAs and unusual objects. A compact disk with data for all the numbered minor planets (52 224 objects, as of the 2003 Jan. 6 *MPCs*) is attached to the printed volume. The data on the CD are presented as postscript files. In addition to the full set of data for 2004 the CD contains also the integrated software package AMPLE, which is intended for the computation of various ephemeris data for 2004 and for solving a number of problems associated with their use. Orders should be sent to: IAA RAS, nab. Kutuzova 10, St. Petersburg 191028, Russia (FAX +7-812-275-1119, e-mail shor@quasar.ipa.nw.ru).

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 49385. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
A17	8.6819	0.65013	+0.75732	Guidestar Observatory, Weinheim
A41	14.5911	0.69290	+0.71871	Rezman Observatory, Kamnik
H03	253.3553	0.81753	+0.57440	Sandia View Observatory, Rio Rancho
H06	254.4711	0.84071	+0.54032	New Mexico Skies Observatory
H62	274.4117	0.73335	+0.67763	Calvin College Observatory
I00	288.2294	0.74794	+0.66157	Carbuncle Hill Observatory, Coventry

NUMBERING OF A PERIODIC COMET

Continuation to the list on *MPC* 48317.

157P/1978 C2 = 2003 T1 (Tritton)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 048 Hradec Králové. Observers M. Lehký, D. Hanžl. 0.40-m $f/5$ reflector + CCD.
- 106 Crni Vrh. Observer H. Mikuž. 0.60-m $f/3.3$ Deltagraph + CCD.
- 107 Cavezzo. Observer M. Nicolini. 0.4-m $f/5.5$ reflector + CCD.
- 108 Montelupo. Observers M. Tombelli, L. Tesi, E. Masotti, M. Gherardini. Measurers M. Tombelli, L. Tesi, S. Bartolini, G. Forti, M. Gherardini, E. Masotti. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD.
- 118 Modra. Observers Š. Gajdoš, A. Galád. 0.6-m $f/5.5$ reflector + CCD.
- 127 Bornheim. Observer N. Ehrling. 0.30-m $f/3.2$ reflector + CCD.
- 130 Lumezzane. Observers C. Cremaschini, S. Foglia, W. Marinello, M. Micheli, G. Pizzetti. 0.40-m $f/4.5$ reflector + CCD.
- 143 Gnosca. Observer S. Sposetti. 0.40-m $f/4.0$ reflector + CCD.
- 151 Eschenberg Observatory, Winterthur. Observer M. Griesser. 0.40-m $f/5.8$ Hypergraph + CCD.
- 166 Upice. Observer L. Vyskočil. 0.30-m $f/3.3$ Schmidt-Cassegrain + CCD.
- 170 Observatorio de Begues. Observer J. Manteca. 0.31-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 196 Homburg-Erbach. Observer W. Wiedemann. 0.20-m $f/3.3$ Schmidt-Cassegrain + 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. Observer L. Buzzi. 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.
- 235 CAST Observatory, Talmassons. Observers R. Ligustri, R. Turchetti, G. Savani, P. Beltrame, V. Savani, G. Degano. 0.35-m $f/5$ reflector + CCD.
- 240 Herrenberg. Observer H. Michels. 0.40-m $f/5$ reflector + CCD.
- 246 Kleť Observatory-KLENOT. Observers M. Tichý, J. Tichá. 1.06-m KLENOT Telescope + CCD.
- 291 LPL/Spacewatch II. Observers A. E. Gleason, A. S. Descour, J. V. Scotti, J. A. Larsen. 1.8-m $f/2.7$ reflector + 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. 0.25-m $f/5.0$ reflector + CCD, 0.50-m $f/2.0$ reflector.
- 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.
- 347 Utsunomiya-Imaizumi. Observer M. Suzuki. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 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. 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, Piszkestető Stn. (Konkoly). Observer K. Sárneczky. 0.60-m Schmidt + CCD.
- 504 Le Creusot. Observer J.-C. Merlin. 0.40-m $f/5$ reflector + CCD.
- 557 Ondřejov. Observer P. Kušnirák. 0.65-m $f/3.6$ reflector + CCD.
- 561 Piszkestető. Observer J. Kelemen. 0.60-m $f/3$ Schmidt + CCD.
- 608 Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano, R. Bambery, E. Helin, R. Maeda. 1.2-m reflector + CCD.
- 611 Starkenburg. Observers F. Hormuth, S. Kluegl, J. Rothermel, M. Busch, R. Stoss, R. Kresken. 0.45-m $f/4.4$ reflector + CCD.
- 620 Observatorio Astronómico de Mallorca. Observers S. Sanchez, R. Stoss, J. Nomen. 0.30-m $f/9$ Schmidt-Cassegrain + CCD.
- 642 Oak Bay, Victoria. Observer C. E. Spratt. 0.235-m $f/5.2$ Schmidt-Cassegrain with focal reducer + CCD.
- 644 Palomar Mountain/NEAT. Observers S. Pravdo, D. MacDonald, K. Lawrence, M. Hicks, R. Bambery, E. Helin, R. Thicksten. Measurers NEAT Team, K. Sárneczky. 1.2-m Oschin Schmidt + CCD.
- 649 Powell Observatory, Louisburg. Observer R. Trentman. 0.75-m Newtonian + CCD.
- 651 Grasslands Observatory, Tucson. Observer J. E. McGaha. 0.62-m $f/5.1$ Newtonian + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observers J. Young, D. Mayes. Measurers J. Young, A. Grigsby. 0.6-m reflector + CCD.
- 678 Fountain Hills. Observers C. W. Juels, P. R. Holvorcem. 0.12-m $f/5$ refractor + CCD, 0.5-m $f/4.8$ reflector + CCD.
- 683 Goodricke-Pigott Observatory, Tucson. Observer R. Tucker. 0.36-m Schmidt-Cassegrain + CCD.
- 689 U.S. Naval Observatory, Flagstaff. Observer R. S. Stone. 1.6-m reflector + CCD.
- 691 Steward Observatory, Kitt Peak. Observers J. V. Scotti, M. Block. 0.9-m $f/3$ reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers B. A. Skiff, M. E. Van Ness. 0.59-m LONEOS Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, D. Torres, R. Kracke, M. McCleary, H. Stange. Measurers J. Stuart, R. Sayer, J. Evans, J. Kommers. 1.0-m $f/2.15$ reflector + CCD.
- 715 Journada Observatory. Observer D. S. Dixon. 0.4-m $f/10$ Schmidt-Cassegrain + CCD.
- 730 University of North Dakota, Grand Forks. Observers T. Young, T. Johnson, V. Reddy. 0.25-m $f/6.3$ reflector + CCD.
- 750 Hobbs Observatory, Fall Creek. Observer R. Elliott. 0.3-m $f/10$ Schmidt-Cassegrain + CCD.
- 785 Fitz-Randolph Observatory, Princeton. Observers J. Maffei, H. Ashley. 0.91-m $f/13.6$ Cassegrain + CCD.
- 834 Buenos Aires-AAAA. Observers R. Mackintosh, R. Caprio, P. Keilis. Measurer R. Mackintosh. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 844 Los Molinos. Observer R. Salvo-BUSCA. 0.35-m $f/6.4$ reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, L. S. Busey, M. W. Rutherford. Measurers D. T. Durig, W. R. Sutherland, M. W. Rutherford. 0.30-m $f/5.86$ Schmidt-Cassegrain + CCD.
- 859 Wykrota Observatory-CEAMIG. Observer C. Jacques. 0.30-m $f/3$ Schmidt-Cassegrain + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 921 SW Institute for Space Research, Cloudcroft. Observer A. Hale. 0.20-m Schmidt-Cassegrain + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/3.3$ Schmidt-Cassegrain + CCD.
- 967 Greens Norton. Observer R. J. Neville. 0.30-m $f/4.1$ reflector + 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 $f/5.5$ Schmidt-Cassegrain + CCD.

A33	VdS-Sternwarte Kirchheim. Observer B. Brinkmann. 0.5-m $f/5.0$ reflector + CCD.
A34	Grosshabersdorf. Observer C. Sturm. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
A41	Rezman Observatory, Kamnik. Observers R. Palcic, T. Spenko. 0.40-m $f/3.56$ reflector + CCD.
A46	Lelekovice. Observer K. Hornoch. 0.35-m $f/4.7$ reflector + CCD.
A50	Andrushivka Astronomical Observatory. Observers O. Gerashchenko, Y. Ivashchenko, G. Kovalchuk. 0.6-m reflector + CCD.
E14	Ngunnawal. Observer D. Higgins. 0.25-m $f/3.4$ Schmidt-Cassegrain + CCD.
G90	Three Buttes Observatory, Tucson. Observer G. R. Jones. 0.32-m Ritchey-Chrétien + CCD.
H36	Sandlot Observatory, Scranton. Observer G. Hug. 0.3-m Schmidt-Cassegrain + 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.
H59	Camp Cullom. Observer J. Mahony. 0.30-m Schmidt Cassegrain + CCD.
H72	Evelyn L. Egan Observatory, Fort Myers. Observers M. Fauerbach, M. Mon. Measurer C. Soft. 0.40-m $f/5.3$ reflector + CCD.
I31	Observatorio Astronómico del Colegio Cristo Rey. Observer V. Buso. Measurer G. Mazalan. 0.28-m $f/6.3$ Schmidt-Cassegrain + CCD.
J87	La Cañada. Observer J. Lacruz. 0.30-m $f/3.3$ Schmidt-Cassegrain + CCD.
J90	West Challow. Observer D. R. S. Boyd. 0.25-m $f/3.6$ Newtonian + CCD.
J93	Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.254-m $f/5.5$ Schmidt-Cassegrain + CCD.
J95	Great Shefford. Observer P. Birtwhistle. 0.30-m $f/6.3$ Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/1999 F1 (Catalina)						
C/1999 F1	2003 09 06.30003		03 41 48.60	-43 06 39.8	17.2 N	859
C/1999 F1	2003 09 06.31538		03 41 48.12	-43 06 43.5	17.4 N	859
C/1999 F1	2003 09 06.33181		03 41 47.62	-43 06 48.2	17.2 N	859
C/1999 F1	2003 09 21.25356		03 32 48.51	-44 08 35.0	17.2 N	859
C/1999 F1	2003 09 21.26643		03 32 47.95	-44 08 38.5	17.2 N	859
C/1999 Y1 (LINEAR)						
C/1999 Y1	2003 07 19.93713		15 16 01.72	-66 53 17.6	18.6 N	859
C/1999 Y1	2003 07 19.94767		15 16 00.78	-66 53 14.2	18.5 N	859
C/2001 HT₅₀ (LINEAR-NEAT)						
C/2001 HT ₅₀	2003 09 06.07447		05 23 28.94	+17 48 59.9	14.3 N	A32
C/2001 HT ₅₀	2003 09 06.07559		05 23 28.87	+17 49 00.0	14.3 N	A32
C/2001 HT ₅₀	2003 09 06.07671		05 23 28.80	+17 49 00.1	14.3 N	A32
C/2001 HT ₅₀	2003 09 06.07785		05 23 28.73	+17 49 00.3	14.3 N	A32
C/2001 HT ₅₀	2003 09 07.06740		05 22 28.90	+17 50 22.1		A46
C/2001 HT ₅₀	2003 09 07.06889		05 22 28.80	+17 50 22.4		A46
C/2001 HT ₅₀	2003 09 07.07001		05 22 28.74	+17 50 22.4		A46
C/2001 HT ₅₀	2003 09 07.07115		05 22 28.68	+17 50 22.3		A46
C/2001 HT ₅₀	2003 09 07.07227		05 22 28.61	+17 50 22.7		A46
C/2001 HT ₅₀	2003 09 07.07565		05 22 28.41	+17 50 23.0		A46
C/2001 HT ₅₀	2003 09 08.02086		05 21 29.10	+17 51 40.1		A50
C/2001 HT ₅₀	2003 09 08.02241		05 21 29.02	+17 51 40.2		A50

C/2001 HT ₅₀	2003 09 08.02356	05 21 28.92	+17 51 40.4		A50
C/2001 HT ₅₀	2003 09 08.02473	05 21 28.87	+17 51 40.4		A50
C/2001 HT ₅₀	2003 09 08.02551	05 21 28.82	+17 51 40.6		A50
C/2001 HT ₅₀	2003 09 08.81627	05 20 37.57	+17 52 44.7	12.7 T	360
C/2001 HT ₅₀	2003 09 08.81848	05 20 37.42	+17 52 45.0		360
C/2001 HT ₅₀	2003 09 09.73274	05 19 36.41	+17 53 55.3		349
C/2001 HT ₅₀	2003 09 09.73535	05 19 36.24	+17 53 55.4		349
C/2001 HT ₅₀	2003 09 09.73657	05 19 36.13	+17 53 55.8		349
C/2001 HT ₅₀	2003 09 09.73787	05 19 36.04	+17 53 55.9	13.3 T	349
C/2001 HT ₅₀	2003 09 10.04363	05 19 15.23	+17 54 18.1	14.6 N	945
C/2001 HT ₅₀	2003 09 10.04874	05 19 14.84	+17 54 19.1	14.8 N	945
C/2001 HT ₅₀	2003 09 10.05251	05 19 14.59	+17 54 19.2	14.7 N	945
C/2001 HT ₅₀	2003 09 11.78604	05 17 11.68	+17 56 29.8	14.7 N	379
C/2001 HT ₅₀	2003 09 11.78844	05 17 11.50	+17 56 30.1	14.4 N	379
C/2001 HT ₅₀	2003 09 11.78924	05 17 11.42	+17 56 30.2	14.4 N	379
C/2001 HT ₅₀	2003 09 12.04148	05 16 53.03	+17 56 47.3	14.5 N	213
C/2001 HT ₅₀	2003 09 12.04250	05 16 52.92	+17 56 47.8	14.5 N	213
C/2001 HT ₅₀	2003 09 12.04424	05 16 52.80	+17 56 48.0	14.5 N	213
C/2001 HT ₅₀	2003 09 13.07988	05 15 35.08	+17 58 01.4	14.5 N	939
C/2001 HT ₅₀	2003 09 13.08471	05 15 34.71	+17 58 01.9	14.5 N	939
C/2001 HT ₅₀	2003 09 13.08954	05 15 34.34	+17 58 02.3	14.4 N	939
C/2001 HT ₅₀	2003 09 13.73553	05 14 44.40	+17 58 47.8		349
C/2001 HT ₅₀	2003 09 13.73699	05 14 44.30	+17 58 48.9	13.4 T	300
C/2001 HT ₅₀	2003 09 13.73736	05 14 44.27	+17 58 47.9		349
C/2001 HT ₅₀	2003 09 13.73906	05 14 44.14	+17 58 48.1		349
C/2001 HT ₅₀	2003 09 13.74090	05 14 43.98	+17 58 48.2	13.1 T	349
C/2001 HT ₅₀	2003 09 13.74463	05 14 43.67	+17 58 49.0		300
C/2001 HT ₅₀	2003 09 13.74844	05 14 43.36	+17 58 49.7		300
C/2001 HT ₅₀	2003 09 13.75897	05 14 42.59	+17 58 48.8	14.1 N	379
C/2001 HT ₅₀	2003 09 13.75977	05 14 42.49	+17 58 48.9	14.1 N	379
C/2001 HT ₅₀	2003 09 13.76216	05 14 42.34	+17 58 49.6	14.2 N	379
C/2001 HT ₅₀	2003 09 14.06623	05 14 18.47	+17 59 09.8	14.7 N	A18
C/2001 HT ₅₀	2003 09 14.77944	05 13 21.38	+17 59 58.0	14.1 N	379
C/2001 HT ₅₀	2003 09 14.78024	05 13 21.32	+17 59 57.6	14.1 N	379
C/2001 HT ₅₀	2003 09 14.78104	05 13 21.21	+17 59 57.7	14.1 N	379
C/2001 HT ₅₀	2003 09 14.78344	05 13 21.05	+17 59 58.1	14.1 N	379
C/2001 HT ₅₀	2003 09 15.76008	05 12 00.75	+18 00 59.8	14.5 N	379
C/2001 HT ₅₀	2003 09 15.76088	05 12 00.67	+18 01 01.1	14.5 N	379
C/2001 HT ₅₀	2003 09 16.80198	05 10 32.06	+18 02 04.2	13.8 N	379
C/2001 HT ₅₀	2003 09 16.80278	05 10 32.01	+18 02 04.8	14.0 N	379
C/2001 HT ₅₀	2003 09 16.80358	05 10 31.88	+18 02 04.7	13.9 N	379
C/2001 HT ₅₀	2003 09 16.80438	05 10 31.82	+18 02 04.5	14.0 N	379
C/2001 HT ₅₀	2003 09 17.07346	05 10 08.44	+18 02 19.7		A46
C/2001 HT ₅₀	2003 09 17.07458	05 10 08.35	+18 02 19.2		A46
C/2001 HT ₅₀	2003 09 17.07686	05 10 08.14	+18 02 19.8		A46
C/2001 HT ₅₀	2003 09 17.07799	05 10 08.03	+18 02 19.8		A46
C/2001 HT ₅₀	2003 09 17.07913	05 10 07.94	+18 02 19.7		A46
C/2001 HT ₅₀	2003 09 17.08027	05 10 07.78	+18 02 19.6		A46
C/2001 HT ₅₀	2003 09 18.34336	05 08 15.23	+18 03 32.6	14.9 N	H41
C/2001 HT ₅₀	2003 09 18.34863	05 08 14.76	+18 03 32.5	13.7 T	H41
C/2001 HT ₅₀	2003 09 18.72325	05 07 40.49	+18 03 52.0		349
C/2001 HT ₅₀	2003 09 18.72411	05 07 40.41	+18 03 52.2		349
C/2001 HT ₅₀	2003 09 18.72581	05 07 40.23	+18 03 52.3		349

C/2001 HT ₅₀	2003 09 18.72666	05 07 40.16	+18 03 52.4	13.2 T	349
C/2001 HT ₅₀	2003 09 19.05561	05 07 09.70	+18 04 08.6		A46
C/2001 HT ₅₀	2003 09 19.05675	05 07 09.59	+18 04 08.5		A46
C/2001 HT ₅₀	2003 09 19.05787	05 07 09.49	+18 04 08.8		A46
C/2001 HT ₅₀	2003 09 19.05900	05 07 09.37	+18 04 08.9		A46
C/2001 HT ₅₀	2003 09 19.06013	05 07 09.28	+18 04 08.9		A46
C/2001 HT ₅₀	2003 09 19.06126	05 07 09.16	+18 04 09.1		A46
C/2001 HT ₅₀	2003 09 19.09531	05 07 05.96	+18 04 10.7		048
C/2001 HT ₅₀	2003 09 19.09608	05 07 05.87	+18 04 10.7		048
C/2001 HT ₅₀	2003 09 19.09684	05 07 05.83	+18 04 10.8		048
C/2001 HT ₅₀	2003 09 19.09839	05 07 05.68	+18 04 10.9		048
C/2001 HT ₅₀	2003 09 19.09916	05 07 05.60	+18 04 10.9		048
C/2001 HT ₅₀	2003 09 19.76537	05 06 02.90	+18 04 44.2	14.0 N	379
C/2001 HT ₅₀	2003 09 19.76617	05 06 02.78	+18 04 44.8	13.9 N	379
C/2001 HT ₅₀	2003 09 19.76856	05 06 02.57	+18 04 44.9	14.1 N	379
C/2001 HT ₅₀	2003 09 19.76936	05 06 02.50	+18 04 44.7	13.8 N	379
C/2001 HT ₅₀	2003 09 20.02021	05 05 38.54	+18 04 56.1		A46
C/2001 HT ₅₀	2003 09 20.02134	05 05 38.44	+18 04 56.1		A46
C/2001 HT ₅₀	2003 09 20.02247	05 05 38.35	+18 04 56.1		A46
C/2001 HT ₅₀	2003 09 20.02360	05 05 38.22	+18 04 56.4		A46
C/2001 HT ₅₀	2003 09 20.02473	05 05 38.15	+18 04 56.3		A46
C/2001 HT ₅₀	2003 09 20.02587	05 05 38.00	+18 04 56.5		A46
C/2001 HT ₅₀	2003 09 20.08067	05 05 32.75	+18 04 58.8	13.9 N	939
C/2001 HT ₅₀	2003 09 20.08552	05 05 32.28	+18 04 58.9	13.9 N	939
C/2001 HT ₅₀	2003 09 20.09035	05 05 31.82	+18 04 59.1	13.9 N	939
C/2001 HT ₅₀	2003 09 20.97911	05 04 05.18	+18 05 39.8	14.1 N	235
C/2001 HT ₅₀	2003 09 21.02690	05 04 00.43	+18 05 42.2	14.3 N	213
C/2001 HT ₅₀	2003 09 21.02840	05 04 00.27	+18 05 42.3	14.3 N	213
C/2001 HT ₅₀	2003 09 21.02978	05 04 00.12	+18 05 42.6	14.3 N	213
C/2001 HT ₅₀	2003 09 21.04251	05 03 58.83	+18 05 42.4	13.8 N	A32
C/2001 HT ₅₀	2003 09 21.04398	05 03 58.69	+18 05 42.4	13.8 N	A32
C/2001 HT ₅₀	2003 09 21.04545	05 03 58.54	+18 05 42.5	13.8 N	A32
C/2001 HT ₅₀	2003 09 21.04692	05 03 58.39	+18 05 42.5	13.8 N	A32
C/2001 HT ₅₀	2003 09 21.04840	05 03 58.24	+18 05 42.6	13.9 N	A32
C/2001 HT ₅₀	2003 09 21.05317	05 03 57.81	+18 05 43.8	14.1 N	232
C/2001 HT ₅₀	2003 09 21.06352	05 03 56.79	+18 05 44.1	14.1 N	232
C/2001 HT ₅₀	2003 09 21.07383	05 03 55.75	+18 05 44.5	14.1 N	232
C/2001 HT ₅₀	2003 09 21.09044	05 03 54.04	+18 05 45.0		048
C/2001 HT ₅₀	2003 09 21.09196	05 03 53.89	+18 05 45.0		048
C/2001 HT ₅₀	2003 09 21.09271	05 03 53.81	+18 05 45.2		048
C/2001 HT ₅₀	2003 09 21.09346	05 03 53.74	+18 05 45.1		048
C/2001 HT ₅₀	2003 09 21.09572	05 03 53.52	+18 05 45.4		048
C/2001 HT ₅₀	2003 09 21.10466	05 03 52.70	+18 05 45.3	14.1 N	945
C/2001 HT ₅₀	2003 09 21.10642	05 03 52.50	+18 05 45.5	14.1 N	945
C/2001 HT ₅₀	2003 09 21.10946	05 03 52.21	+18 05 45.6	14.0 N	945
C/2001 HT ₅₀	2003 09 21.11150	05 03 52.00	+18 05 45.5	14.0 N	945
C/2001 HT ₅₀	2003 09 21.11351	05 03 51.80	+18 05 45.7	14.1 N	945
C/2001 HT ₅₀	2003 09 21.11373	05 03 51.74	+18 05 45.8	14.5 N	A18
C/2001 HT ₅₀	2003 09 21.12421	05 03 50.34	+18 05 46.7	14.1 N	212
C/2001 HT ₅₀	2003 09 21.13125	05 03 50.13	+18 05 46.8	14.1 N	212
C/2001 HT ₅₀	2003 09 21.13345	05 03 50.06	+18 05 46.7	14.1 N	212
C/2001 HT ₅₀	2003 09 21.14326	05 03 48.74	+18 05 47.5	14.5 N	A18
C/2001 HT ₅₀	2003 09 21.43363	05 03 20.06	+18 05 58.9	16.0 T	704

C/2001 HT ₅₀	2003 09 21.44565	05 03 18.61	+18 06 01.4	16.9 T	704
C/2001 HT ₅₀	2003 09 21.45761	05 03 17.42	+18 06 01.9	16.6 T	704
C/2001 HT ₅₀	2003 09 21.46972	05 03 15.63	+18 06 00.8	17.1 T	704
C/2001 HT ₅₀	2003 09 22.01972	05 02 20.55	+18 06 22.8		A46
C/2001 HT ₅₀	2003 09 22.02084	05 02 20.43	+18 06 22.8		A46
C/2001 HT ₅₀	2003 09 22.02196	05 02 20.32	+18 06 23.0		A46
C/2001 HT ₅₀	2003 09 22.02308	05 02 20.21	+18 06 23.0		A46
C/2001 HT ₅₀	2003 09 22.02421	05 02 20.09	+18 06 23.0		A46
C/2001 HT ₅₀	2003 09 22.02535	05 02 19.97	+18 06 23.0		A46
C/2001 HT ₅₀	2003 09 22.09699	05 02 12.58	+18 06 26.1		048
C/2001 HT ₅₀	2003 09 22.09774	05 02 12.51	+18 06 26.1		048
C/2001 HT ₅₀	2003 09 22.09850	05 02 12.44	+18 06 26.1		048
C/2001 HT ₅₀	2003 09 22.10078	05 02 12.19	+18 06 26.3		048
C/2001 HT ₅₀	2003 09 22.10156	05 02 12.11	+18 06 26.4		048
C/2001 HT ₅₀	2003 09 22.82471	05 00 57.21	+18 06 54.1	13.1 T	349
C/2001 HT ₅₀	2003 09 22.82572	05 00 57.11	+18 06 54.0		349
C/2001 HT ₅₀	2003 09 22.82664	05 00 57.01	+18 06 54.0		349
C/2001 HT ₅₀	2003 09 22.82779	05 00 56.90	+18 06 53.9		349
C/2001 HT ₅₀	2003 09 23.30477	05 00 06.75	+18 07 09.2	14.9 T	730
C/2001 HT ₅₀	2003 09 23.30578	05 00 06.75	+18 07 09.2	14.8 T	730
C/2001 HT ₅₀	2003 09 23.32189	05 00 04.89	+18 07 10.3	14.9 T	730
C/2001 HT ₅₀	2003 09 23.32524	05 00 04.53	+18 07 09.9	14.8 T	730
C/2001 HT ₅₀	2003 09 23.40535	04 59 55.93	+18 07 12.9	14.7 T	730
C/2001 HT ₅₀	2003 09 23.41075	04 59 55.41	+18 07 12.9	14.7 T	730
C/2001 HT ₅₀	2003 09 23.41154	04 59 55.41	+18 07 12.9	14.7 T	730
C/2001 HT ₅₀	2003 09 23.41237	04 59 55.23	+18 07 13.0	14.9 T	730
C/2001 HT ₅₀	2003 09 23.41497	04 59 54.92	+18 07 12.9	14.8 T	730
C/2001 HT ₅₀	2003 09 23.41581	04 59 54.86	+18 07 13.3	14.7 T	730
C/2001 HT ₅₀	2003 09 23.41792	04 59 54.74	+18 07 12.8	14.7 T	730
C/2001 HT ₅₀	2003 09 23.41911	04 59 54.48	+18 07 13.1	14.6 T	730
C/2001 HT ₅₀	2003 09 23.42032	04 59 54.31	+18 07 13.7	14.6 T	730
C/2001 HT ₅₀	2003 09 23.42706	04 59 53.80	+18 07 15.8	14.9 T	730
C/2001 HT ₅₀	2003 09 23.42782	04 59 53.59	+18 07 13.8	14.8 T	730
C/2001 HT ₅₀	2003 09 25.04322	04 56 57.33	+18 07 57.8		A46
C/2001 HT ₅₀	2003 09 25.04435	04 56 57.24	+18 07 57.8		A46
C/2001 HT ₅₀	2003 09 25.04547	04 56 57.12	+18 07 57.8		A46
C/2001 HT ₅₀	2003 09 25.04661	04 56 56.98	+18 07 57.7		A46
C/2001 HT ₅₀	2003 09 25.04773	04 56 56.87	+18 07 57.5		A46
C/2001 HT ₅₀	2003 09 25.04886	04 56 56.76	+18 07 57.5		A46
C/2001 HT ₅₀	2003 09 25.06692	04 56 54.68	+18 07 59.9	14.0 N	235
C/2001 HT ₅₀	2003 09 25.32410	04 56 25.86	+18 08 05.5	15.2 N	H44
C/2001 HT ₅₀	2003 09 25.39369	04 56 17.95	+18 08 06.9	15.0 N	H41
C/2001 HT ₅₀	2003 09 25.39935	04 56 17.31	+18 08 07.0	13.2 T	H41
C/2001 HT ₅₀	2003 09 26.34142	04 54 29.55	+18 08 24.2	14.1 N	H41
C/2001 HT ₅₀	2003 09 26.34684	04 54 28.93	+18 08 24.4	14.0 N	H41
C/2001 HT ₅₀	2003 09 26.64679	04 53 54.01	+18 08 28.4		340
C/2001 HT ₅₀	2003 09 26.64943	04 53 53.68	+18 08 28.7		340
C/2001 HT ₅₀	2003 09 26.65167	04 53 53.44	+18 08 28.6	12.8 T	340
C/2001 HT ₅₀	2003 09 26.76681	04 53 39.84	+18 08 30.7	12.5 T	360
C/2001 HT ₅₀	2003 09 26.76918	04 53 39.54	+18 08 31.0		360
C/2001 HT ₅₀	2003 09 26.99948	04 53 12.47	+18 08 32.5		A46
C/2001 HT ₅₀	2003 09 27.00037	04 53 12.36	+18 08 32.3		A46
C/2001 HT ₅₀	2003 09 27.00215	04 53 12.17	+18 08 32.1		A46

2003 OCT. 10

M.P.C. 49733

C/2001 HT ₅₀	2003 09 27.00303	04 53 12.04	+18 08 32.3		A46
C/2001 HT ₅₀	2003 09 27.00392	04 53 11.95	+18 08 32.4		A46
C/2001 HT ₅₀	2003 09 27.00480	04 53 11.83	+18 08 32.2		A46
C/2001 HT ₅₀	2003 09 27.69896	04 51 49.00	+18 08 40.2		342
C/2001 HT ₅₀	2003 09 27.71563	04 51 46.98	+18 08 40.3		342
C/2001 HT ₅₀	2003 09 27.74068	04 51 43.93	+18 08 39.9	13.7 N	379
C/2001 HT ₅₀	2003 09 27.74218	04 51 43.71	+18 08 40.1	13.9 N	379
C/2001 HT ₅₀	2003 09 27.74367	04 51 43.56	+18 08 40.2	13.9 N	379
C/2001 HT ₅₀	2003 09 27.78937	04 51 37.94	+18 08 40.8	13.7 N	379
C/2001 HT ₅₀	2003 09 27.79087	04 51 37.77	+18 08 40.9	13.8 N	379
C/2001 HT ₅₀	2003 09 28.31443	04 50 34.17	+18 08 42.8	13.5 T	H41
C/2001 HT ₅₀	2003 09 28.31936	04 50 33.57	+18 08 42.8	13.4 T	H41
C/2001 HT ₅₀	2003 09 28.33582	04 50 31.51	+18 08 43.5	13.0 N	H44
C/2001 HT ₅₀	2003 09 28.36193	04 50 28.55	+18 08 39.7	17.0 T	704
C/2001 HT ₅₀	2003 09 28.37558	04 50 26.66	+18 08 41.8	16.7 T	704
C/2001 HT ₅₀	2003 09 28.38838	04 50 25.04	+18 08 42.7	17.4 T	704
C/2001 HT ₅₀	2003 09 28.40110	04 50 23.49	+18 08 42.2	17.0 T	704
C/2001 HT ₅₀	2003 09 28.41409	04 50 21.25	+18 08 41.0	16.5 T	704
C/2001 HT ₅₀	2003 09 28.69880	04 49 46.76	+18 08 43.0	14.2 T	900
C/2001 HT ₅₀	2003 09 28.70331	04 49 46.19	+18 08 43.1	14.2 T	900
C/2001 HT ₅₀	2003 09 29.76817	04 47 32.21	+18 08 39.9		349
C/2001 HT ₅₀	2003 09 29.76902	04 47 32.09	+18 08 39.9		349
C/2001 HT ₅₀	2003 09 29.76986	04 47 31.99	+18 08 40.0		349
C/2001 HT ₅₀	2003 09 29.77069	04 47 31.88	+18 08 39.9	12.6 T	349
C/2001 HT ₅₀	2003 09 29.78176	04 47 30.50	+18 08 40.3	13.8 N	379
C/2001 HT ₅₀	2003 09 29.78317	04 47 30.33	+18 08 40.2	13.9 N	379
C/2001 HT ₅₀	2003 09 30.63944	04 45 39.88	+18 08 30.3		340
C/2001 HT ₅₀	2003 09 30.64185	04 45 39.60	+18 08 30.0		340
C/2001 HT ₅₀	2003 09 30.64393	04 45 39.31	+18 08 30.0	12.4 T	340
C/2001 HT ₅₀	2003 09 30.78113	04 45 21.24	+18 08 28.5	13.0 N	379
C/2001 HT ₅₀	2003 09 30.78255	04 45 21.07	+18 08 28.5	13.0 N	379
C/2001 HT ₅₀	2003 09 30.78396	04 45 20.88	+18 08 28.6	13.0 N	379
C/2001 HT ₅₀	2003 09 30.78537	04 45 20.65	+18 08 28.3	13.0 N	379
C/2001 HT ₅₀	2003 09 30.80701	04 45 17.90	+18 08 28.1	13.0 N	379
C/2001 HT ₅₀	2003 09 30.80851	04 45 17.62	+18 08 28.1	13.0 N	379
C/2001 HT ₅₀	2003 09 30.81149	04 45 17.27	+18 08 27.7	13.0 N	379
C/2001 HT ₅₀	2003 09 30.98898	04 44 54.03	+18 08 24.0		A46
C/2001 HT ₅₀	2003 09 30.99010	04 44 53.88	+18 08 24.3		A46
C/2001 HT ₅₀	2003 09 30.99124	04 44 53.73	+18 08 24.1		A46
C/2001 HT ₅₀	2003 09 30.99236	04 44 53.58	+18 08 23.7		A46
C/2001 HT ₅₀	2003 09 30.99350	04 44 53.42	+18 08 24.0		A46
C/2001 HT ₅₀	2003 09 30.99575	04 44 53.16	+18 08 23.7		A46
C/2001 HT ₅₀	2003 10 01.76263	04 43 10.97	+18 08 09.7	13.7 N	379
C/2001 HT ₅₀	2003 10 01.76404	04 43 10.80	+18 08 09.5	13.9 N	379
C/2001 HT ₅₀	2003 10 01.76686	04 43 10.39	+18 08 09.8	13.5 N	379
C/2001 HT ₅₀	2003 10 01.76828	04 43 10.25	+18 08 09.3	13.5 N	379
C/2001 HT ₅₀	2003 10 02.36850	04 41 48.99	+18 07 54.2	13.7 N	H41
C/2001 HT ₅₀	2003 10 02.37483	04 41 48.12	+18 07 53.9	12.7 T	H41
C/2001 HT ₅₀	2003 10 02.76538	04 40 54.49	+18 07 42.0	13.2 N	379
C/2001 HT ₅₀	2003 10 02.76679	04 40 54.29	+18 07 42.5	13.3 N	379
C/2001 HT ₅₀	2003 10 02.76821	04 40 54.15	+18 07 41.9	13.3 N	379
C/2001 HT ₅₀	2003 10 02.77103	04 40 53.70	+18 07 41.8	13.3 N	379
C/2001 HT ₅₀	2003 10 02.77244	04 40 53.50	+18 07 41.8	13.3 N	379

C/2001 HT ₅₀	2003 10 03.03552	04 40 17.24	+18 07 32.8	13.9 N	A33
C/2001 HT ₅₀	2003 10 04.76573	04 36 11.82	+18 06 21.1	13.5 N	379
C/2001 HT ₅₀	2003 10 04.76994	04 36 11.15	+18 06 20.9	13.6 N	379
C/2001 HT ₅₀	2003 10 04.77416	04 36 10.54	+18 06 21.3	13.7 N	379
C/2001 HT ₅₀	2003 10 04.77626	04 36 10.24	+18 06 20.9	13.6 N	379
C/2001 HT ₅₀	2003 10 06.30229	04 32 25.29	+18 04 52.3	14.8 T	750
C/2001 HT ₅₀	2003 10 06.30513	04 32 24.88	+18 04 51.9	14.6 T	750
C/2001 HT ₅₀	2003 10 06.30910	04 32 24.27	+18 04 51.9	14.8 T	750
C/2001 HT ₅₀	2003 10 07.26368	04 29 59.43	+18 03 44.2	16.8 N	750
C/2001 HT ₅₀	2003 10 07.26772	04 29 58.81	+18 03 44.0	16.8 N	750

C/2001 K5 (LINEAR)

C/2001 K5	2003 09 05.85751	18 08 06.83	+54 15 59.6	15.6 N	A32
C/2001 K5	2003 09 05.86426	18 08 06.85	+54 15 58.3	15.5 N	A32
C/2001 K5	2003 09 05.87436	18 08 06.90	+54 15 55.7	15.6 N	A32
C/2001 K5	2003 09 05.88222	18 08 06.91	+54 15 53.9	15.5 N	A32
C/2001 K5	2003 09 06.84597	18 08 10.89	+54 11 00.3		A46
C/2001 K5	2003 09 06.84720	18 08 10.89	+54 10 59.9		A46
C/2001 K5	2003 09 06.84837	18 08 10.91	+54 10 59.0		A46
C/2001 K5	2003 09 06.84954	18 08 10.89	+54 10 59.3		A46
C/2001 K5	2003 09 06.85193	18 08 10.94	+54 10 57.8		A46
C/2001 K5	2003 09 06.85307	18 08 11.05	+54 10 57.9		A46
C/2001 K5	2003 09 10.87056	18 08 39.40	+53 50 01.9	16.0 N	442
C/2001 K5	2003 09 10.87295	18 08 39.47	+53 50 03.6	15.9 N	442
C/2001 K5	2003 09 10.90074	18 08 39.73	+53 49 52.7	16.1 N	213
C/2001 K5	2003 09 10.90373	18 08 39.81	+53 49 52.6	16.1 N	213
C/2001 K5	2003 09 10.90716	18 08 39.80	+53 49 51.0	16.1 N	213
C/2001 K5	2003 09 12.85925	18 09 00.21	+53 39 29.2	16.2 N	939
C/2001 K5	2003 09 12.86687	18 09 00.28	+53 39 26.4	16.2 N	939
C/2001 K5	2003 09 12.87443	18 09 00.35	+53 39 23.3	16.2 N	939
C/2001 K5	2003 09 13.81785	18 09 11.78	+53 34 23.4	18.5 T	201
C/2001 K5	2003 09 13.84514	18 09 12.14	+53 34 11.6		201
C/2001 K5	2003 09 13.85727	18 09 12.23	+53 34 10.2	17.8 T	201
C/2001 K5	2003 09 13.88462	18 09 12.63	+53 33 59.0	16.8 N	A18
C/2001 K5	2003 09 13.92590	18 09 13.08	+53 33 45.8	16.6 N	A18
C/2001 K5	2003 09 14.49914	18 09 20.65	+53 30 42.6	15 T	300
C/2001 K5	2003 09 14.50280	18 09 20.53	+53 30 42.3		300
C/2001 K5	2003 09 14.50645	18 09 20.73	+53 30 42.3		300
C/2001 K5	2003 09 14.76957	18 09 24.18	+53 29 16.1		048
C/2001 K5	2003 09 14.77103	18 09 24.21	+53 29 15.6		048
C/2001 K5	2003 09 14.77248	18 09 24.17	+53 29 15.5		048
C/2001 K5	2003 09 14.77391	18 09 24.21	+53 29 14.7		048
C/2001 K5	2003 09 14.77536	18 09 24.25	+53 29 14.6		048
C/2001 K5	2003 09 14.80648	18 09 24.72	+53 29 04.2	15.9 N	235
C/2001 K5	2003 09 14.86963	18 09 25.54	+53 28 42.2	16.4 N	213
C/2001 K5	2003 09 14.87061	18 09 25.57	+53 28 41.8	16.4 N	213
C/2001 K5	2003 09 14.87309	18 09 25.61	+53 28 41.0	16.4 N	213
C/2001 K5	2003 09 14.87534	18 09 25.48	+53 28 41.1		A46
C/2001 K5	2003 09 14.87872	18 09 25.59	+53 28 39.2		A46
C/2001 K5	2003 09 14.87984	18 09 25.60	+53 28 39.4		A46
C/2001 K5	2003 09 14.88096	18 09 25.67	+53 28 39.3		A46
C/2001 K5	2003 09 14.88208	18 09 25.65	+53 28 38.7		A46
C/2001 K5	2003 09 14.88322	18 09 25.71	+53 28 38.0		A46

C/2001 K5	2003 09 15.17936	18 09 29.74	+53 27 05.2	17.9 T	704	C/2001 K5	2003 09 18.90397	18 10 29.56	+53 06 50.1	16.2 N	166
C/2001 K5	2003 09 15.19254	18 09 30.07	+53 27 01.4	20.0 T	704	C/2001 K5	2003 09 19.10669	18 10 33.20	+53 05 43.8	16.8 T	H72
C/2001 K5	2003 09 15.21630	18 09 30.46	+53 26 52.3	19.8 T	704	C/2001 K5	2003 09 19.10833	18 10 33.21	+53 05 43.0	16.8 T	H72
C/2001 K5	2003 09 15.76313	18 09 38.34	+53 23 54.7		048	C/2001 K5	2003 09 19.46916	18 10 39.89	+53 03 47.3	16.0 T	360
C/2001 K5	2003 09 15.76457	18 09 38.31	+53 23 54.6		048	C/2001 K5	2003 09 19.47153	18 10 39.92	+53 03 46.6		360
C/2001 K5	2003 09 15.76752	18 09 38.31	+53 23 53.5		048	C/2001 K5	2003 09 19.84029	18 10 46.89	+53 01 45.6	16.6 N	J87
C/2001 K5	2003 09 15.76898	18 09 38.36	+53 23 53.0		048	C/2001 K5	2003 09 19.84396	18 10 47.02	+53 01 43.9	16.6 N	J87
C/2001 K5	2003 09 15.77043	18 09 38.34	+53 23 52.4		048	C/2001 K5	2003 09 19.84763	18 10 47.05	+53 01 42.8	16.6 N	J87
C/2001 K5	2003 09 16.17161	18 09 44.27	+53 21 40.8	15.9 T	H41	C/2001 K5	2003 09 19.86913	18 10 47.43	+53 01 34.1		A46
C/2001 K5	2003 09 16.17876	18 09 44.23	+53 21 37.3	16.0 T	H41	C/2001 K5	2003 09 19.87027	18 10 47.48	+53 01 33.5		A46
C/2001 K5	2003 09 16.76905	18 09 53.54	+53 18 28.1		048	C/2001 K5	2003 09 19.87363	18 10 47.54	+53 01 32.4		A46
C/2001 K5	2003 09 16.77051	18 09 53.52	+53 18 27.9		048	C/2001 K5	2003 09 19.87477	18 10 47.55	+53 01 32.6		A46
C/2001 K5	2003 09 16.77196	18 09 53.59	+53 18 27.3		048	C/2001 K5	2003 09 19.87589	18 10 47.57	+53 01 32.4		A46
C/2001 K5	2003 09 16.77341	18 09 53.56	+53 18 27.0		048	C/2001 K5	2003 09 19.87701	18 10 47.55	+53 01 32.0		A46
C/2001 K5	2003 09 16.77635	18 09 53.63	+53 18 26.1		048	C/2001 K5	2003 09 19.94812	18 10 48.95	+53 01 06.9	16.4 N	A18
C/2001 K5	2003 09 16.89891	18 09 55.52	+53 17 44.2		A46	C/2001 K5	2003 09 20.75925	18 11 04.86	+52 56 42.6		048
C/2001 K5	2003 09 16.90003	18 09 55.57	+53 17 44.5		A46	C/2001 K5	2003 09 20.76071	18 11 04.87	+52 56 42.2		048
C/2001 K5	2003 09 16.90116	18 09 55.51	+53 17 43.2		A46	C/2001 K5	2003 09 20.76216	18 11 04.92	+52 56 41.8		048
C/2001 K5	2003 09 16.90229	18 09 55.61	+53 17 43.4		A46	C/2001 K5	2003 09 20.76365	18 11 04.93	+52 56 41.2		048
C/2001 K5	2003 09 16.90341	18 09 55.55	+53 17 43.3		A46	C/2001 K5	2003 09 20.76509	18 11 04.94	+52 56 40.5		048
C/2001 K5	2003 09 16.90454	18 09 55.61	+53 17 42.3		A46	C/2001 K5	2003 09 20.85531	18 11 06.70	+52 56 12.8	16.2 N	232
C/2001 K5	2003 09 17.86362	18 10 11.35	+53 12 30.2		A46	C/2001 K5	2003 09 20.86299	18 11 06.92	+52 56 09.9	16.2 N	232
C/2001 K5	2003 09 17.86475	18 10 11.37	+53 12 30.1		A46	C/2001 K5	2003 09 20.87318	18 11 07.19	+52 56 05.9	16.2 N	232
C/2001 K5	2003 09 17.86700	18 10 11.40	+53 12 28.9		A46	C/2001 K5	2003 09 20.88784	18 11 07.44	+52 56 01.0	17.0 N	J87
C/2001 K5	2003 09 17.86926	18 10 11.45	+53 12 28.6		A46	C/2001 K5	2003 09 20.89002	18 11 07.48	+52 56 00.4	16.7 N	J87
C/2001 K5	2003 09 17.87037	18 10 11.46	+53 12 28.5		A46	C/2001 K5	2003 09 20.89222	18 11 07.53	+52 55 59.4	16.4 N	J87
C/2001 K5	2003 09 17.87099	18 10 11.49	+53 12 28.7	16.0 N	235	C/2001 K5	2003 09 21.07506	18 11 11.22	+52 55 00.4	15.7 N	H44
C/2001 K5	2003 09 17.87150	18 10 11.46	+53 12 27.7		A46	C/2001 K5	2003 09 21.10674	18 11 11.85	+52 54 50.0	16.5 N	H44
C/2001 K5	2003 09 18.14182	18 10 16.15	+53 11 01.3	16.2 N	H44	C/2001 K5	2003 09 21.75170	18 11 25.23	+52 51 17.6		048
C/2001 K5	2003 09 18.15010	18 10 16.29	+53 10 58.0	16.2 N	H44	C/2001 K5	2003 09 21.75315	18 11 25.22	+52 51 17.3		048
C/2001 K5	2003 09 18.16243	18 10 16.51	+53 10 54.1	15.9 N	H44	C/2001 K5	2003 09 21.75459	18 11 25.29	+52 51 15.9		048
C/2001 K5	2003 09 18.77405	18 10 27.25	+53 07 33.3		048	C/2001 K5	2003 09 21.75604	18 11 25.30	+52 51 15.4		048
C/2001 K5	2003 09 18.77553	18 10 27.32	+53 07 32.9		048	C/2001 K5	2003 09 21.75894	18 11 25.34	+52 51 14.8		048
C/2001 K5	2003 09 18.77699	18 10 27.32	+53 07 32.4		048	C/2001 K5	2003 09 21.79056	18 11 26.01	+52 51 04.3		A46
C/2001 K5	2003 09 18.77847	18 10 27.35	+53 07 31.6		048	C/2001 K5	2003 09 21.79167	18 11 26.01	+52 51 03.6		A46
C/2001 K5	2003 09 18.77993	18 10 27.40	+53 07 31.3		048	C/2001 K5	2003 09 21.79279	18 11 26.05	+52 51 03.5		A46
C/2001 K5	2003 09 18.81566	18 10 28.00	+53 07 20.2	16.6 T	215	C/2001 K5	2003 09 21.79391	18 11 26.06	+52 51 03.4		A46
C/2001 K5	2003 09 18.81630	18 10 28.00	+53 07 19.7	15.9 T	215	C/2001 K5	2003 09 21.79502	18 11 26.08	+52 51 02.8		A46
C/2001 K5	2003 09 18.81693	18 10 28.04	+53 07 20.1	16.6 T	215	C/2001 K5	2003 09 21.79615	18 11 26.12	+52 51 02.7		A46
C/2001 K5	2003 09 18.84434	18 10 28.50	+53 07 10.1	16.2 N	213	C/2001 K5	2003 09 23.07514	18 11 53.88	+52 44 03.4	16.0 N	H44
C/2001 K5	2003 09 18.84530	18 10 28.56	+53 07 10.3	16.2 N	213	C/2001 K5	2003 09 23.18521	18 11 56.17	+52 43 25.7	15.7 T	H41
C/2001 K5	2003 09 18.84638	18 10 28.62	+53 07 10.2	16.2 N	213	C/2001 K5	2003 09 23.19043	18 11 56.31	+52 43 23.8	15.8 T	H41
C/2001 K5	2003 09 18.84759	18 10 28.56	+53 07 08.9		A46	C/2001 K5	2003 09 24.86168	18 12 35.47	+52 34 14.7		A46
C/2001 K5	2003 09 18.84872	18 10 28.57	+53 07 08.2		A46	C/2001 K5	2003 09 24.86510	18 12 35.56	+52 34 13.5		A46
C/2001 K5	2003 09 18.84984	18 10 28.58	+53 07 08.2		A46	C/2001 K5	2003 09 24.86623	18 12 35.55	+52 34 13.0		A46
C/2001 K5	2003 09 18.85097	18 10 28.59	+53 07 07.8		A46	C/2001 K5	2003 09 24.86736	18 12 35.62	+52 34 12.3		A46
C/2001 K5	2003 09 18.85209	18 10 28.60	+53 07 07.5		A46	C/2001 K5	2003 09 24.86848	18 12 35.65	+52 34 12.4		A46
C/2001 K5	2003 09 18.85322	18 10 28.68	+53 07 07.0		A46	C/2001 K5	2003 09 24.86962	18 12 35.65	+52 34 11.9		A46
C/2001 K5	2003 09 18.87006	18 10 29.02	+53 07 00.0	16.3 N	A18	C/2001 K5	2003 09 25.08946	18 12 41.02	+52 33 01.8	17.2 N	H44
C/2001 K5	2003 09 18.88762	18 10 29.24	+53 06 52.1	16.1 N	458	C/2001 K5	2003 09 25.10265	18 12 41.33	+52 32 57.4	17.1 N	H44
C/2001 K5	2003 09 18.89442	18 10 29.44	+53 06 52.1	16.1 N	458	C/2001 K5	2003 09 25.78203	18 12 58.24	+52 29 12.6	16.0 N	235
C/2001 K5	2003 09 18.89620	18 10 29.46	+53 06 52.3	16.1 N	166	C/2001 K5	2003 09 26.76240	18 13 23.30	+52 23 51.6		A46
C/2001 K5	2003 09 18.89826	18 10 29.48	+53 06 52.6	16.6 N	166	C/2001 K5	2003 09 26.76352	18 13 23.37	+52 23 50.6		A46

2003 OCT. 10

M.P.C. 49735

C/2001 K5	2003 09 26.76579	18 13 23.38	+52 23 50.2		A46
C/2001 K5	2003 09 26.76691	18 13 23.43	+52 23 49.6		A46
C/2001 K5	2003 09 26.76803	18 13 23.47	+52 23 48.8		A46
C/2001 K5	2003 09 26.76916	18 13 23.48	+52 23 49.2		A46
C/2001 K5	2003 09 27.09579	18 13 32.09	+52 22 01.6	15.8 T	H41
C/2001 K5	2003 09 27.10866	18 13 32.40	+52 21 58.1	15.8 T	H41
C/2001 K5	2003 09 27.10880	18 13 32.37	+52 21 58.9	15.6 N	H44
C/2001 K5	2003 09 27.13839	18 13 33.16	+52 21 49.2	15.4 N	H44
C/2001 K5	2003 09 27.49447	18 13 42.67	+52 19 50.8		340
C/2001 K5	2003 09 27.49686	18 13 42.73	+52 19 49.6		340
C/2001 K5	2003 09 27.49884	18 13 42.80	+52 19 50.0	15.5 T	340
C/2001 K5	2003 09 27.79432	18 13 50.72	+52 18 14.0	16.8 N	118
C/2001 K5	2003 09 27.79644	18 13 50.83	+52 18 13.4	16.6 N	118
C/2001 K5	2003 09 27.79963	18 13 50.91	+52 18 12.4	16.5 N	118
C/2001 K5	2003 09 28.13935	18 14 00.08	+52 16 19.5	15.7 T	H41
C/2001 K5	2003 09 28.14306	18 14 00.17	+52 16 18.5	15.7 T	H41
C/2001 K5	2003 09 28.47065	18 14 09.35	+52 14 31.0	16.3 T	900
C/2001 K5	2003 09 28.48168	18 14 09.63	+52 14 26.7	16.3 T	900
C/2001 K5	2003 09 29.13241	18 14 27.93	+52 10 55.4	15.9 T	H41
C/2001 K5	2003 09 29.13587	18 14 28.06	+52 10 54.7	15.9 T	H41
C/2001 K5	2003 09 30.90773	18 15 19.96	+52 01 16.8		A46
C/2001 K5	2003 09 30.90885	18 15 20.03	+52 01 17.0		A46
C/2001 K5	2003 09 30.90999	18 15 20.09	+52 01 16.6		A46
C/2001 K5	2003 09 30.91110	18 15 20.11	+52 01 15.7		A46
C/2001 K5	2003 09 30.91225	18 15 20.12	+52 01 15.4		A46
C/2001 K5	2003 09 30.91336	18 15 20.14	+52 01 15.1		A46
C/2001 K5	2003 10 01.46022	18 15 36.73	+51 58 19.4	16.0 T	360
C/2001 K5	2003 10 01.46252	18 15 36.82	+51 58 18.7		360
C/2001 K5	2003 10 02.09376	18 15 56.39	+51 54 55.1		H44
C/2001 K5	2003 10 03.80927	18 16 51.57	+51 45 40.2	16.2 T	232
C/2001 K5	2003 10 03.81693	18 16 51.72	+51 45 38.1	16.2 T	232
C/2001 K5	2003 10 03.82459	18 16 52.00	+51 45 35.6	16.2 T	232
C/2001 K5	2003 10 03.83948	18 16 52.47	+51 45 31.9	15.9 N	442
C/2001 K5	2003 10 03.84032	18 16 52.49	+51 45 30.8	15.9 N	442
C/2001 K5	2003 10 03.84466	18 16 52.56	+51 45 29.9	15.9 N	442
C/2001 K5	2003 10 03.84716	18 16 52.69	+51 45 28.4	15.9 N	442
C/2001 K5	2003 10 03.85102	18 16 52.75	+51 45 27.4	16.0 N	442
C/2001 K5	2003 10 04.84551	18 17 26.04	+51 40 08.8	16.1 N	939
C/2001 K5	2003 10 04.85037	18 17 26.17	+51 40 06.2	16.1 N	939
C/2001 K5	2003 10 04.85520	18 17 26.32	+51 40 04.7	16.1 N	939

C/2001 Q4 (NEAT)

C/2001 Q4	2003 01 23.10623	01 48 54.27	-38 32 15.1	16.8 N	921
C/2001 Q4	2003 08 16.32603	04 16 43.57	-45 46 09.3		834
C/2001 Q4	2003 09 03.22407	04 30 13.54	-51 42 42.9		834
C/2001 Q4	2003 09 03.25491	04 30 14.73	-51 43 24.1		834
C/2001 Q4	2003 09 03.28002	04 30 15.63	-51 43 57.3		834
C/2001 Q4	2003 09 06.32804	04 32 09.48	-52 50 43.6	14.2 N	859
C/2001 Q4	2003 09 06.33387	04 32 09.68	-52 50 51.3	14.3 N	859
C/2001 Q4	2003 09 06.33874	04 32 09.80	-52 50 57.2	14.4 N	859
C/2001 Q4	2003 09 09.22507	04 33 49.30	-53 55 32.8		834
C/2001 Q4	2003 09 09.24186	04 33 49.95	-53 55 56.1		834
C/2001 Q4	2003 09 09.26272	04 33 50.58	-53 56 24.4		834

C/2001 Q4	2003 09 13.24444	04 35 52.34	-55 27 34.2		834
C/2001 Q4	2003 09 16.27272	04 37 11.20	-56 38 19.0		834
C/2001 Q4	2003 09 20.26657	04 38 34.68	-58 13 13.3		834
C/2001 Q4	2003 09 20.30095	04 38 35.24	-58 14 02.9		834
C/2001 Q4	2003 09 21.28063	04 38 51.68	-58 37 34.2		834
C/2001 Q4	2003 09 21.28982	04 38 51.79	-58 37 48.3	14.1 N	859
C/2001 Q4	2003 09 21.29316	04 38 51.84	-58 37 52.5	14.3 N	859
C/2001 Q4	2003 09 21.29438	04 38 51.85	-58 37 54.2	14.2 N	859
C/2001 Q4	2003 09 21.73881	04 38 58.74	-58 48 35.3	14.2 N	E14
C/2001 Q4	2003 09 21.74610	04 38 58.82	-58 48 45.8	14.1 N	E14
C/2001 Q4	2003 09 21.74900	04 38 58.87	-58 48 50.1	14.3 N	E14
C/2001 Q4	2003 09 23.62218	04 39 23.99	-59 34 05.0	14.2 N	428
C/2001 Q4	2003 09 23.62384	04 39 24.01	-59 34 07.4	14.0 N	428
C/2001 Q4	2003 09 23.62551	04 39 24.02	-59 34 10.0	11.5 T	428
C/2001 Q4	2003 09 24.20914	04 39 30.61	-59 48 19.2	14.2 N	I31
C/2001 Q4	2003 09 24.21328	04 39 30.56	-59 48 25.3	14.2 N	I31
C/2001 Q4	2003 09 24.21781	04 39 30.59	-59 48 31.6	14.1 N	I31
C/2001 Q4	2003 09 24.28678	04 39 31.04	-59 50 13.0		834
C/2001 Q4	2003 09 24.30449	04 39 31.17	-59 50 39.3		834
C/2001 Q4	2003 09 29.20562	04 39 54.97	-61 50 12.8		834
C/2001 Q4	2003 09 29.23488	04 39 54.91	-61 50 55.7		834
C/2001 Q4	2003 09 29.27045	04 39 54.79	-61 51 48.2		834

P/2002 BV (Yeung)

P/2002 BV	2003 10 01.55543	22 51 14.34	-20 45 38.9	19.8 N	360
P/2002 BV	2003 10 01.56131	22 51 14.16	-20 45 39.4		360
P/2002 BV	2003 10 01.56757	22 51 13.93	-20 45 39.5		360
P/2002 BV	2003 10 02.57333	22 50 39.95	-20 45 28.6	20.2 N	360
P/2002 BV	2003 10 02.57808	22 50 39.79	-20 45 28.8		360
P/2002 BV	2003 10 02.58222	22 50 39.58	-20 45 29.2		360

C/2002 CE₁₀ (LINEAR)

C/2002 CE ₁₀	2002 03 06.51589	08 37 24.61	+31 32 41.4	19.6 N	1 413
C/2002 CE ₁₀	2002 03 06.51819	08 37 24.42	+31 32 42.0	19.9 N	1 413
C/2002 CE ₁₀	2002 03 06.52051	08 37 24.25	+31 32 42.7	19.8 N	1 413
C/2002 CE ₁₀	2002 04 02.46180	08 09 47.86	+33 11 31.4	20.0 N	1 413
C/2002 CE ₁₀	2003 08 20.94954	23 54 34.17	+26 53 56.1		127
C/2002 CE ₁₀	2003 08 20.95515	23 54 32.66	+26 53 45.1		127
C/2002 CE ₁₀	2003 08 20.96175	23 54 30.90	+26 53 31.6		127
C/2002 CE ₁₀	2003 08 20.96815	23 54 29.15	+26 53 18.6		127
C/2002 CE ₁₀	2003 08 20.97312	23 54 27.78	+26 53 08.2		127
C/2002 CE ₁₀	2003 08 25.89127	23 31 43.21	+23 46 50.1		127
C/2002 CE ₁₀	2003 08 25.89538	23 31 42.03	+23 46 40.0		127
C/2002 CE ₁₀	2003 08 25.89934	23 31 40.89	+23 46 30.0		127
C/2002 CE ₁₀	2003 08 25.90367	23 31 39.67	+23 46 19.3		127
C/2002 CE ₁₀	2003 09 02.88968	22 53 26.12	+17 29 22.8		127
C/2002 CE ₁₀	2003 09 02.89258	22 53 25.27	+17 29 13.7		127
C/2002 CE ₁₀	2003 09 02.89612	22 53 24.26	+17 29 02.6		127
C/2002 CE ₁₀	2003 09 02.89929	22 53 23.34	+17 28 52.8		127
C/2002 CE ₁₀	2003 09 07.02757	22 34 05.25	+13 48 36.8		A46
C/2002 CE ₁₀	2003 09 07.02846	22 34 04.99	+13 48 34.2		A46
C/2002 CE ₁₀	2003 09 07.02936	22 34 04.76	+13 48 30.9		A46
C/2002 CE ₁₀	2003 09 07.03027	22 34 04.50	+13 48 28.2		A46
C/2002 CE ₁₀	2003 09 07.03116	22 34 04.26	+13 48 25.3		A46

C/2002 CE ₁₀	2003 09 07.03206	22 34 04.00	+13 48 22.2		A46	C/2002 CE ₁₀	2003 09 13.99628	22 03 54.15	+07 26 47.4	15.6 N	A18
C/2002 CE ₁₀	2003 09 07.11227	22 33 42.21	+13 44 08.1	15.2 N	859	C/2002 CE ₁₀	2003 09 14.00286	22 03 52.52	+07 26 27.1	15.7 N	A18
C/2002 CE ₁₀	2003 09 07.11345	22 33 41.83	+13 44 03.7	15.1 N	859	C/2002 CE ₁₀	2003 09 14.53626	22 01 43.83	+06 57 41.9	16.0 N	379
C/2002 CE ₁₀	2003 09 07.11461	22 33 41.50	+13 43 59.8	15.3 N	859	C/2002 CE ₁₀	2003 09 14.53706	22 01 43.67	+06 57 39.1	15.9 N	379
C/2002 CE ₁₀	2003 09 09.57304	22 22 38.91	+11 29 01.1	15.6 N	379	C/2002 CE ₁₀	2003 09 14.53786	22 01 43.45	+06 57 36.1	16.0 N	379
C/2002 CE ₁₀	2003 09 09.57464	22 22 38.42	+11 28 55.6	15.5 N	379	C/2002 CE ₁₀	2003 09 14.53866	22 01 43.23	+06 57 33.9	15.9 N	379
C/2002 CE ₁₀	2003 09 09.58191	22 22 36.54	+11 28 31.7	15.3 N	379	C/2002 CE ₁₀	2003 09 14.53946	22 01 43.07	+06 57 31.6	15.9 N	379
C/2002 CE ₁₀	2003 09 09.58351	22 22 36.03	+11 28 26.5	15.1 N	379	C/2002 CE ₁₀	2003 09 14.54025	22 01 42.83	+06 57 29.1	15.9 N	379
C/2002 CE ₁₀	2003 09 09.58648	22 22 35.28	+11 28 17.1	15.1 N	379	C/2002 CE ₁₀	2003 09 14.59329	22 01 30.08	+06 54 38.0	15.7 T	300
C/2002 CE ₁₀	2003 09 09.58728	22 22 35.01	+11 28 14.6	15.1 N	379	C/2002 CE ₁₀	2003 09 14.59696	22 01 29.11	+06 54 25.6		300
C/2002 CE ₁₀	2003 09 09.79831	22 21 39.60	+11 16 35.6	15 T	461	C/2002 CE ₁₀	2003 09 14.60060	22 01 28.29	+06 54 13.7		300
C/2002 CE ₁₀	2003 09 09.79912	22 21 39.35	+11 16 32.9		461	C/2002 CE ₁₀	2003 09 14.60426	22 01 27.39	+06 54 02.2		300
C/2002 CE ₁₀	2003 09 09.79992	22 21 39.13	+11 16 29.8		461	C/2002 CE ₁₀	2003 09 14.87144	22 00 23.66	+06 39 39.4		048
C/2002 CE ₁₀	2003 09 09.80074	22 21 38.94	+11 16 27.3		461	C/2002 CE ₁₀	2003 09 14.87220	22 00 23.46	+06 39 37.3		048
C/2002 CE ₁₀	2003 09 09.80168	22 21 38.70	+11 16 24.3		461	C/2002 CE ₁₀	2003 09 14.87448	22 00 22.93	+06 39 29.7		048
C/2002 CE ₁₀	2003 09 10.17325	22 20 00.73	+10 55 56.5	15.6 T	785	C/2002 CE ₁₀	2003 09 14.87604	22 00 22.54	+06 39 24.9		048
C/2002 CE ₁₀	2003 09 10.20469	22 19 52.49	+10 54 12.5	15.6 T	785	C/2002 CE ₁₀	2003 09 14.87759	22 00 22.20	+06 39 20.0		048
C/2002 CE ₁₀	2003 09 10.21632	22 19 49.49	+10 53 35.2	15.7 T	785	C/2002 CE ₁₀	2003 09 15.26395	21 58 50.37	+06 18 42.5	15.1 T	H41
C/2002 CE ₁₀	2003 09 10.50501	22 18 34.30	+10 37 41.6	15.9 N	379	C/2002 CE ₁₀	2003 09 15.26845	21 58 49.30	+06 18 28.1	15.2 T	H41
C/2002 CE ₁₀	2003 09 10.50684	22 18 33.84	+10 37 36.0	15.5 N	379	C/2002 CE ₁₀	2003 09 15.53602	21 57 46.47	+06 04 11.4	16.2 N	379
C/2002 CE ₁₀	2003 09 10.50775	22 18 33.60	+10 37 33.7	15.7 N	379	C/2002 CE ₁₀	2003 09 15.53682	21 57 46.28	+06 04 08.8	16.1 N	379
C/2002 CE ₁₀	2003 09 10.50980	22 18 33.05	+10 37 26.5	15.4 N	379	C/2002 CE ₁₀	2003 09 15.53762	21 57 46.10	+06 04 06.0	15.9 N	379
C/2002 CE ₁₀	2003 09 10.51072	22 18 32.80	+10 37 23.3	15.4 N	379	C/2002 CE ₁₀	2003 09 15.53841	21 57 45.91	+06 04 03.6	16.0 N	379
C/2002 CE ₁₀	2003 09 10.94806	22 16 39.20	+10 13 18.6	15.1 N	213	C/2002 CE ₁₀	2003 09 15.84520	21 56 34.28	+05 47 44.8	15.8 N	J93
C/2002 CE ₁₀	2003 09 10.94992	22 16 38.75	+10 13 12.6	15.1 N	213	C/2002 CE ₁₀	2003 09 15.84804	21 56 33.60	+05 47 35.5	15.6 N	J93
C/2002 CE ₁₀	2003 09 10.95196	22 16 38.19	+10 13 05.9	15.1 N	213	C/2002 CE ₁₀	2003 09 15.84947	21 56 33.35	+05 47 31.5	15.7 N	J93
C/2002 CE ₁₀	2003 09 11.52406	22 14 11.23	+09 41 39.9	15.6 N	379	C/2002 CE ₁₀	2003 09 15.84975	21 56 33.15	+05 47 30.3		048
C/2002 CE ₁₀	2003 09 11.59336	22 13 53.35	+09 37 51.9	15.6 N	379	C/2002 CE ₁₀	2003 09 15.85052	21 56 32.94	+05 47 27.4		048
C/2002 CE ₁₀	2003 09 12.51326	22 10 00.64	+08 47 28.7	16.1 N	379	C/2002 CE ₁₀	2003 09 15.85206	21 56 32.58	+05 47 22.4		048
C/2002 CE ₁₀	2003 09 12.51486	22 10 00.31	+08 47 23.2	15.8 N	379	C/2002 CE ₁₀	2003 09 15.85282	21 56 32.44	+05 47 20.4		048
C/2002 CE ₁₀	2003 09 12.90390	22 08 23.09	+08 26 08.2	14.9 N	213	C/2002 CE ₁₀	2003 09 15.85358	21 56 32.25	+05 47 17.7		048
C/2002 CE ₁₀	2003 09 12.90557	22 08 22.71	+08 26 02.8	14.9 N	213	C/2002 CE ₁₀	2003 09 15.85928	21 56 31.00	+05 47 00.2		A30
C/2002 CE ₁₀	2003 09 12.90667	22 08 22.34	+08 25 58.5	14.9 N	213	C/2002 CE ₁₀	2003 09 15.86252	21 56 30.21	+05 46 49.8		A30
C/2002 CE ₁₀	2003 09 12.92405	22 08 17.99	+08 25 03.3	15.2 N	458	C/2002 CE ₁₀	2003 09 15.86446	21 56 29.72	+05 46 43.7		A30
C/2002 CE ₁₀	2003 09 12.92682	22 08 17.31	+08 24 53.1	15.4 N	J87	C/2002 CE ₁₀	2003 09 15.86703	21 56 29.16	+05 46 35.4		A30
C/2002 CE ₁₀	2003 09 12.92829	22 08 16.98	+08 24 48.7	15.1 N	J87	C/2002 CE ₁₀	2003 09 15.86969	21 56 28.55	+05 46 27.1		A30
C/2002 CE ₁₀	2003 09 12.92839	22 08 16.87	+08 24 47.3	15.3 N	458	C/2002 CE ₁₀	2003 09 16.15313	21 55 22.82	+05 31 29.5	15.3 T	H41
C/2002 CE ₁₀	2003 09 12.92976	22 08 16.62	+08 24 43.9	15.2 N	J87	C/2002 CE ₁₀	2003 09 16.15601	21 55 22.12	+05 31 19.8	15.2 T	H41
C/2002 CE ₁₀	2003 09 12.98214	22 08 03.37	+08 21 52.8	15.5 T	939	C/2002 CE ₁₀	2003 09 16.16260	21 55 20.45	+05 30 57.1	15.5 T	H44
C/2002 CE ₁₀	2003 09 12.98319	22 08 03.12	+08 21 49.5	15.5 T	939	C/2002 CE ₁₀	2003 09 16.16647	21 55 19.70	+05 30 47.0	15.2 T	H41
C/2002 CE ₁₀	2003 09 12.98620	22 08 02.40	+08 21 39.3	15.5 T	939	C/2002 CE ₁₀	2003 09 16.16881	21 55 19.16	+05 30 39.5	15.3 T	H41
C/2002 CE ₁₀	2003 09 13.49230	22 05 57.59	+07 54 07.3		349	C/2002 CE ₁₀	2003 09 16.51603	21 53 59.24	+05 12 22.8	16.0 T	300
C/2002 CE ₁₀	2003 09 13.49634	22 05 56.60	+07 53 54.6		349	C/2002 CE ₁₀	2003 09 16.51949	21 53 58.37	+05 12 10.8		300
C/2002 CE ₁₀	2003 09 13.49804	22 05 56.18	+07 53 48.8		349	C/2002 CE ₁₀	2003 09 16.52125	21 53 58.02	+05 12 05.9		300
C/2002 CE ₁₀	2003 09 13.50036	22 05 55.61	+07 53 41.1	15.5 T	349	C/2002 CE ₁₀	2003 09 16.52297	21 53 57.64	+05 12 00.6		300
C/2002 CE ₁₀	2003 09 13.50293	22 05 55.01	+07 53 33.0	15.6 N	379	C/2002 CE ₁₀	2003 09 16.77515	21 53 00.21	+04 58 44.6		246
C/2002 CE ₁₀	2003 09 13.50532	22 05 54.43	+07 53 26.0	15.7 N	379	C/2002 CE ₁₀	2003 09 16.77564	21 53 00.08	+04 58 42.9		246
C/2002 CE ₁₀	2003 09 13.65619	22 05 17.03	+07 45 13.7	15.6 N	347	C/2002 CE ₁₀	2003 09 16.77624	21 52 59.96	+04 58 41.1		246
C/2002 CE ₁₀	2003 09 13.65858	22 05 16.46	+07 45 05.4	16.0 N	347	C/2002 CE ₁₀	2003 09 16.77696	21 52 59.78	+04 58 38.8		246
C/2002 CE ₁₀	2003 09 13.66237	22 05 15.49	+07 44 53.6	15.8 N	347	C/2002 CE ₁₀	2003 09 16.77752	21 52 59.66	+04 58 37.1		246
C/2002 CE ₁₀	2003 09 13.66462	22 05 14.93	+07 44 45.9	15.6 N	347	C/2002 CE ₁₀	2003 09 16.77825	21 52 59.50	+04 58 35.0		246
C/2002 CE ₁₀	2003 09 13.94256	22 04 07.27	+07 29 42.1	15.4 N	A18	C/2002 CE ₁₀	2003 09 16.86454	21 52 39.77	+04 54 03.0		048
C/2002 CE ₁₀	2003 09 13.94840	22 04 05.77	+07 29 22.0	15.6 N	A18	C/2002 CE ₁₀	2003 09 16.86530	21 52 39.54	+04 54 00.6		048

2003 OCT. 10

M.P.C. 49737

C/2002 CE ₁₀	2003 09 16.86606	21 52 39.38	+04 53 58.2		048
C/2002 CE ₁₀	2003 09 16.86682	21 52 39.22	+04 53 55.7		048
C/2002 CE ₁₀	2003 09 16.87213	21 52 38.00	+04 53 39.4		048
C/2002 CE ₁₀	2003 09 16.90697	21 52 30.31	+04 51 54.2	16.5 N	A03
C/2002 CE ₁₀	2003 09 16.91238	21 52 29.13	+04 51 26.7	16.4 N	A03
C/2002 CE ₁₀	2003 09 17.01193	21 52 06.07	+04 46 20.7		A46
C/2002 CE ₁₀	2003 09 17.01418	21 52 05.56	+04 46 14.4		A46
C/2002 CE ₁₀	2003 09 17.01530	21 52 05.39	+04 46 11.0		A46
C/2002 CE ₁₀	2003 09 17.01642	21 52 05.05	+04 46 07.0		A46
C/2002 CE ₁₀	2003 09 17.01756	21 52 04.77	+04 46 03.9		A46
C/2002 CE ₁₀	2003 09 17.01868	21 52 04.50	+04 46 00.0		A46
C/2002 CE ₁₀	2003 09 17.12525	21 51 40.91	+04 40 28.0	14.2 T	699
C/2002 CE ₁₀	2003 09 17.14193	21 51 37.11	+04 39 35.8		699
C/2002 CE ₁₀	2003 09 17.14321	21 51 36.72	+04 39 32.3	15.1 T	H41
C/2002 CE ₁₀	2003 09 17.14759	21 51 35.70	+04 39 18.6	15.3 T	H41
C/2002 CE ₁₀	2003 09 17.15017	21 51 35.13	+04 39 10.4	15.3 T	H41
C/2002 CE ₁₀	2003 09 17.15857	21 51 33.34	+04 38 44.7		699
C/2002 CE ₁₀	2003 09 17.17529	21 51 29.53	+04 37 51.4		699
C/2002 CE ₁₀	2003 09 17.49814	21 50 16.99	+04 21 05.9	15.8 N	379
C/2002 CE ₁₀	2003 09 17.49894	21 50 16.85	+04 21 02.4	16.3 N	379
C/2002 CE ₁₀	2003 09 17.49973	21 50 16.68	+04 21 01.1	15.7 N	379
C/2002 CE ₁₀	2003 09 17.50133	21 50 16.28	+04 20 55.8	16.4 N	379
C/2002 CE ₁₀	2003 09 17.81605	21 49 06.35	+04 04 38.4		127
C/2002 CE ₁₀	2003 09 17.81805	21 49 05.92	+04 04 32.3	15.5 T	204
C/2002 CE ₁₀	2003 09 17.81924	21 49 05.65	+04 04 28.6	15.6 T	204
C/2002 CE ₁₀	2003 09 17.81962	21 49 05.56	+04 04 27.0		127
C/2002 CE ₁₀	2003 09 17.82045	21 49 05.38	+04 04 24.9		204
C/2002 CE ₁₀	2003 09 17.82164	21 49 05.11	+04 04 21.4	15.7 T	204
C/2002 CE ₁₀	2003 09 17.82284	21 49 04.86	+04 04 17.8	15.7 T	204
C/2002 CE ₁₀	2003 09 17.82292	21 49 04.80	+04 04 17.3		127
C/2002 CE ₁₀	2003 09 17.82648	21 49 04.01	+04 04 06.1		127
C/2002 CE ₁₀	2003 09 17.82916	21 49 03.44	+04 03 57.9	15.5 T	204
C/2002 CE ₁₀	2003 09 17.83219	21 49 02.80	+04 03 48.2	15.7 T	143
C/2002 CE ₁₀	2003 09 17.83359	21 49 02.47	+04 03 43.6	15.7 T	143
C/2002 CE ₁₀	2003 09 17.83499	21 49 02.14	+04 03 39.2	15.7 T	143
C/2002 CE ₁₀	2003 09 17.83638	21 49 01.82	+04 03 34.9	15.5 T	143
C/2002 CE ₁₀	2003 09 17.83748	21 49 01.58	+04 03 32.4	15.5 T	108
C/2002 CE ₁₀	2003 09 17.83778	21 49 01.52	+04 03 30.7	15.7 T	143
C/2002 CE ₁₀	2003 09 17.83917	21 49 01.21	+04 03 26.3	15.5 T	143
C/2002 CE ₁₀	2003 09 17.84057	21 49 00.92	+04 03 22.2	15.7 T	143
C/2002 CE ₁₀	2003 09 17.84063	21 49 00.88	+04 03 23.3		108
C/2002 CE ₁₀	2003 09 17.84197	21 49 00.59	+04 03 17.9	15.6 T	143
C/2002 CE ₁₀	2003 09 17.84336	21 49 00.27	+04 03 13.6	15.6 T	143
C/2002 CE ₁₀	2003 09 17.84433	21 49 00.05	+04 03 12.1		108
C/2002 CE ₁₀	2003 09 17.84476	21 48 59.93	+04 03 09.2	15.6 T	143
C/2002 CE ₁₀	2003 09 17.84618	21 48 59.62	+04 03 05.8		108
C/2002 CE ₁₀	2003 09 17.86000	21 48 56.63	+04 02 22.6	15.6 N	213
C/2002 CE ₁₀	2003 09 17.86274	21 48 56.01	+04 02 14.3	15.6 N	213
C/2002 CE ₁₀	2003 09 17.86387	21 48 55.75	+04 02 10.7	15.7 N	213
C/2002 CE ₁₀	2003 09 18.19563	21 47 42.65	+03 45 08.9	15.3 T	644
C/2002 CE ₁₀	2003 09 18.21785	21 47 37.72	+03 44 00.6	15.3 T	644
C/2002 CE ₁₀	2003 09 18.23956	21 47 32.91	+03 42 53.8	15.4 T	644
C/2002 CE ₁₀	2003 09 18.28009	21 47 23.82	+03 40 49.1	15.4 T	H41

C/2002 CE ₁₀	2003 09 18.28339	21 47 23.10	+03 40 39.3	15.5 T	H41
C/2002 CE ₁₀	2003 09 18.28609	21 47 22.50	+03 40 30.9	15.4 T	H41
C/2002 CE ₁₀	2003 09 18.52124	21 46 31.46	+03 28 30.4	16.3 N	379
C/2002 CE ₁₀	2003 09 18.52572	21 46 30.53	+03 28 15.7	16.7 N	379
C/2002 CE ₁₀	2003 09 18.55645	21 46 23.76	+03 26 42.3	16.5 N	379
C/2002 CE ₁₀	2003 09 18.57189	21 46 20.39	+03 25 55.5	16.1 N	360
C/2002 CE ₁₀	2003 09 18.57454	21 46 19.81	+03 25 47.3		360
C/2002 CE ₁₀	2003 09 18.83045	21 45 24.62	+03 12 45.8		127
C/2002 CE ₁₀	2003 09 18.83418	21 45 23.80	+03 12 34.5		127
C/2002 CE ₁₀	2003 09 18.83552	21 45 23.52	+03 12 30.5	15.6 T	215
C/2002 CE ₁₀	2003 09 18.83591	21 45 23.43	+03 12 29.5	15.6 T	215
C/2002 CE ₁₀	2003 09 18.83631	21 45 23.35	+03 12 28.2	15.6 T	215
C/2002 CE ₁₀	2003 09 18.83670	21 45 23.26	+03 12 27.0	15.6 T	215
C/2002 CE ₁₀	2003 09 18.83708	21 45 23.17	+03 12 25.9	15.7 T	215
C/2002 CE ₁₀	2003 09 18.83748	21 45 23.08	+03 12 24.7	15.7 T	215
C/2002 CE ₁₀	2003 09 18.83771	21 45 23.04	+03 12 23.6		127
C/2002 CE ₁₀	2003 09 18.84064	21 45 22.39	+03 12 14.7		127
C/2002 CE ₁₀	2003 09 18.84889	21 45 20.59	+03 11 49.4		048
C/2002 CE ₁₀	2003 09 18.84966	21 45 20.45	+03 11 47.5		048
C/2002 CE ₁₀	2003 09 18.85043	21 45 20.23	+03 11 45.0		048
C/2002 CE ₁₀	2003 09 18.85199	21 45 19.89	+03 11 40.3		048
C/2002 CE ₁₀	2003 09 18.85434	21 45 19.39	+03 11 33.1		048
C/2002 CE ₁₀	2003 09 18.90638	21 45 08.39	+03 08 58.1	15.5 N	945
C/2002 CE ₁₀	2003 09 18.90843	21 45 07.76	+03 08 49.4	15.5 N	945
C/2002 CE ₁₀	2003 09 18.91003	21 45 07.41	+03 08 44.4	15.5 N	945
C/2002 CE ₁₀	2003 09 18.91185	21 45 07.01	+03 08 39.2	15.4 N	945
C/2002 CE ₁₀	2003 09 18.91324	21 45 06.74	+03 08 34.6	15.5 N	945
C/2002 CE ₁₀	2003 09 18.92468	21 45 04.12	+03 07 59.2	15.6 N	166
C/2002 CE ₁₀	2003 09 18.93157	21 45 02.65	+03 07 38.5	15.7 N	166
C/2002 CE ₁₀	2003 09 18.93615	21 45 01.66	+03 07 24.5	15.5 N	166
C/2002 CE ₁₀	2003 09 18.94069	21 45 00.69	+03 07 10.7	15.8 N	166
C/2002 CE ₁₀	2003 09 18.94984	21 44 58.66	+03 06 43.1	15.6 N	166
C/2002 CE ₁₀	2003 09 19.00786	21 44 46.14	+03 03 46.8		A46
C/2002 CE ₁₀	2003 09 19.00875	21 44 45.93	+03 03 44.4		A46
C/2002 CE ₁₀	2003 09 19.00965	21 44 45.73	+03 03 42.1		A46
C/2002 CE ₁₀	2003 09 19.01057	21 44 45.55	+03 03 39.1		A46
C/2002 CE ₁₀	2003 09 19.01147	21 44 45.35	+03 03 35.9		A46
C/2002 CE ₁₀	2003 09 19.01236	21 44 45.20	+03 03 33.9		A46
C/2002 CE ₁₀	2003 09 19.23419	21 43 57.91	+02 52 23.9	15.7 T	704
C/2002 CE ₁₀	2003 09 19.24374	21 43 55.80	+02 51 54.7	15.2 T	H41
C/2002 CE ₁₀	2003 09 19.24665	21 43 55.22	+02 51 45.7	16.1 T	704
C/2002 CE ₁₀	2003 09 19.24718	21 43 55.05	+02 51 44.5	15.3 T	H41
C/2002 CE ₁₀	2003 09 19.25256	21 43 53.99	+02 51 27.5	16.2 T	704
C/2002 CE ₁₀	2003 09 19.25889	21 43 52.59	+02 51 08.5	15.9 T	704
C/2002 CE ₁₀	2003 09 19.25943	21 43 52.39	+02 51 07.3	15.3 T	H41
C/2002 CE ₁₀	2003 09 19.26435	21 43 51.43	+02 50 52.2	16.0 T	704
C/2002 CE ₁₀	2003 09 19.27226	21 43 49.71	+02 50 28.9	16.1 T	704
C/2002 CE ₁₀	2003 09 19.27614	21 43 48.90	+02 50 16.8	16.2 T	704
C/2002 CE ₁₀	2003 09 19.28474	21 43 47.03	+02 49 50.4	15.9 T	704
C/2002 CE ₁₀	2003 09 19.77385	21 42 03.94	+02 25 21.0		246
C/2002 CE ₁₀	2003 09 19.77448	21 42 03.82	+02 25 19.3		246
C/2002 CE ₁₀	2003 09 19.77505	21 42 03.70	+02 25 17.7		246
C/2002 CE ₁₀	2003 09 19.77552	21 42 03.58	+02 25 15.9		246

C/2002 CE ₁₀	2003 09 19.77616	21 42 03.45	+02 25 14.3		246
C/2002 CE ₁₀	2003 09 19.89756	21 41 37.88	+02 19 10.7	16.0 T	232
C/2002 CE ₁₀	2003 09 19.90528	21 41 36.20	+02 18 49.5	15.9 T	232
C/2002 CE ₁₀	2003 09 19.91299	21 41 34.68	+02 18 25.7	16.0 T	232
C/2002 CE ₁₀	2003 09 19.94450	21 41 27.96	+02 16 51.4	15.4 N	939
C/2002 CE ₁₀	2003 09 19.94730	21 41 27.36	+02 16 43.4	15.5 N	939
C/2002 CE ₁₀	2003 09 19.95005	21 41 26.77	+02 16 35.4	15.5 N	939
C/2002 CE ₁₀	2003 09 19.96361	21 41 23.91	+02 15 54.7	16.2 N	A18
C/2002 CE ₁₀	2003 09 19.99161	21 41 17.97	+02 14 30.7		A46
C/2002 CE ₁₀	2003 09 19.99250	21 41 17.78	+02 14 27.8		A46
C/2002 CE ₁₀	2003 09 19.99340	21 41 17.59	+02 14 24.9		A46
C/2002 CE ₁₀	2003 09 19.99429	21 41 17.39	+02 14 22.4		A46
C/2002 CE ₁₀	2003 09 19.99519	21 41 17.20	+02 14 20.0		A46
C/2002 CE ₁₀	2003 09 19.99609	21 41 17.01	+02 14 17.5		A46
C/2002 CE ₁₀	2003 09 20.16809	21 40 41.56	+02 05 47.2	16.0 T	704
C/2002 CE ₁₀	2003 09 20.18102	21 40 38.85	+02 05 08.8	16.1 T	704
C/2002 CE ₁₀	2003 09 20.19387	21 40 36.14	+02 04 30.9	16.0 T	704
C/2002 CE ₁₀	2003 09 20.20614	21 40 33.57	+02 03 54.4	15.9 T	704
C/2002 CE ₁₀	2003 09 20.21855	21 40 30.98	+02 03 17.7	16.0 T	704
C/2002 CE ₁₀	2003 09 20.23178	21 40 28.14	+02 02 38.8	15.4 T	H41
C/2002 CE ₁₀	2003 09 20.23439	21 40 27.59	+02 02 31.2	15.3 T	H41
C/2002 CE ₁₀	2003 09 20.23819	21 40 26.78	+02 02 19.9	15.3 T	H41
C/2002 CE ₁₀	2003 09 20.85208	21 38 20.91	+01 32 11.0		108
C/2002 CE ₁₀	2003 09 20.85451	21 38 20.39	+01 32 03.9		108
C/2002 CE ₁₀	2003 09 20.85671	21 38 19.94	+01 31 53.8	15.8 T	108
C/2002 CE ₁₀	2003 09 20.87602	21 38 15.94	+01 31 00.4		048
C/2002 CE ₁₀	2003 09 20.87832	21 38 15.48	+01 30 53.5		048
C/2002 CE ₁₀	2003 09 20.88297	21 38 14.53	+01 30 39.7		048
C/2002 CE ₁₀	2003 09 20.88448	21 38 14.21	+01 30 35.5		048
C/2002 CE ₁₀	2003 09 20.88600	21 38 13.90	+01 30 31.1		048
C/2002 CE ₁₀	2003 09 20.90007	21 38 11.08	+01 29 50.1	16.4 N	A18
C/2002 CE ₁₀	2003 09 20.91120	21 38 08.78	+01 29 17.0	16.3 N	A18
C/2002 CE ₁₀	2003 09 20.97287	21 37 56.17	+01 26 16.8	16.2 N	A18
C/2002 CE ₁₀	2003 09 21.00973	21 37 48.70	+01 24 31.1	15.5 N	212
C/2002 CE ₁₀	2003 09 21.01250	21 37 48.09	+01 24 22.5	15.5 N	212
C/2002 CE ₁₀	2003 09 21.01528	21 37 47.48	+01 24 14.2	15.5 N	212
C/2002 CE ₁₀	2003 09 21.18681	21 37 13.10	+01 15 55.2	15.8 T	704
C/2002 CE ₁₀	2003 09 21.19908	21 37 10.61	+01 15 19.5	16.0 T	704
C/2002 CE ₁₀	2003 09 21.21153	21 37 08.04	+01 14 43.7	16.0 T	704
C/2002 CE ₁₀	2003 09 21.22394	21 37 05.51	+01 14 07.5	15.9 T	704
C/2002 CE ₁₀	2003 09 21.23640	21 37 03.00	+01 13 31.2	15.9 T	704
C/2002 CE ₁₀	2003 09 21.24000	21 37 02.19	+01 13 20.7	15.2 T	H41
C/2002 CE ₁₀	2003 09 21.24228	21 37 01.74	+01 13 14.4	15.1 T	H41
C/2002 CE ₁₀	2003 09 21.24512	21 37 01.16	+01 13 06.3	15.2 T	H41
C/2002 CE ₁₀	2003 09 21.83192	21 35 04.39	+00 44 51.3	15.9 T	A34
C/2002 CE ₁₀	2003 09 21.83312	21 35 04.16	+00 44 48.1	15.9 T	A34
C/2002 CE ₁₀	2003 09 21.83448	21 35 03.88	+00 44 44.2	15.8 T	A34
C/2002 CE ₁₀	2003 09 21.83559	21 35 03.67	+00 44 40.9	16.0 T	A34
C/2002 CE ₁₀	2003 09 21.85968	21 34 58.91	+00 43 32.0		127
C/2002 CE ₁₀	2003 09 21.86249	21 34 58.33	+00 43 23.9		127
C/2002 CE ₁₀	2003 09 21.86529	21 34 57.79	+00 43 16.2		127
C/2002 CE ₁₀	2003 09 21.86816	21 34 57.21	+00 43 07.9		127
C/2002 CE ₁₀	2003 09 21.87990	21 34 54.76	+00 42 34.8		048

C/2002 CE ₁₀	2003 09 21.88065	21 34 54.62	+00 42 32.7		048
C/2002 CE ₁₀	2003 09 21.88140	21 34 54.44	+00 42 30.4		048
C/2002 CE ₁₀	2003 09 21.88291	21 34 54.16	+00 42 26.6		048
C/2002 CE ₁₀	2003 09 21.88442	21 34 53.88	+00 42 22.2		048
C/2002 CE ₁₀	2003 09 21.96549	21 34 37.78	+00 38 29.5		A46
C/2002 CE ₁₀	2003 09 21.96662	21 34 37.55	+00 38 26.0		A46
C/2002 CE ₁₀	2003 09 21.96888	21 34 37.16	+00 38 19.6		A46
C/2002 CE ₁₀	2003 09 21.97112	21 34 36.71	+00 38 13.8		A46
C/2002 CE ₁₀	2003 09 21.97338	21 34 36.22	+00 38 06.9		A46
C/2002 CE ₁₀	2003 09 21.97450	21 34 36.04	+00 38 03.4		A46
C/2002 CE ₁₀	2003 09 22.55029	21 32 43.82	+00 10 49.4		340
C/2002 CE ₁₀	2003 09 22.55507	21 32 43.03	+00 10 35.6		340
C/2002 CE ₁₀	2003 09 22.55883	21 32 42.19	+00 10 24.8	16.5 T	340
C/2002 CE ₁₀	2003 09 22.58869	21 32 36.42	+00 09 01.3	16.3 T	900
C/2002 CE ₁₀	2003 09 22.60074	21 32 34.03	+00 08 28.1	16.2 T	900
C/2002 CE ₁₀	2003 09 22.65890	21 32 22.71	+00 05 42.7	15.8 N	347
C/2002 CE ₁₀	2003 09 22.66262	21 32 21.96	+00 05 32.8	15.9 N	347
C/2002 CE ₁₀	2003 09 22.66679	21 32 21.22	+00 05 21.0	16.4 N	347
C/2002 CE ₁₀	2003 09 22.97637	21 31 21.95	-00 09 08.1	15.9 N	166
C/2002 CE ₁₀	2003 09 22.97762	21 31 21.70	-00 09 11.5	15.9 N	166
C/2002 CE ₁₀	2003 09 22.97889	21 31 21.51	-00 09 15.0	16.0 N	166
C/2002 CE ₁₀	2003 09 22.98013	21 31 21.20	-00 09 18.3	16.0 N	166
C/2002 CE ₁₀	2003 09 22.98139	21 31 20.96	-00 09 22.1	15.9 N	166
C/2002 CE ₁₀	2003 09 23.16728	21 30 45.80	-00 17 58.5	15.6 T	H41
C/2002 CE ₁₀	2003 09 23.18016	21 30 43.34	-00 18 34.6	15.6 T	H41
C/2002 CE ₁₀	2003 09 23.18257	21 30 42.88	-00 18 40.8	15.6 T	H41
C/2002 CE ₁₀	2003 09 23.18281	21 30 42.94	-00 18 41.5	15.8 T	644
C/2002 CE ₁₀	2003 09 23.18424	21 30 42.68	-00 18 45.6	15.8 T	644
C/2002 CE ₁₀	2003 09 23.18568	21 30 42.39	-00 18 49.7	15.8 T	644
C/2002 CE ₁₀	2003 09 23.19420	21 30 40.76	-00 19 13.2	15.8 T	644
C/2002 CE ₁₀	2003 09 23.19566	21 30 40.48	-00 19 17.4	15.8 T	644
C/2002 CE ₁₀	2003 09 23.19708	21 30 40.19	-00 19 21.4	15.8 T	644
C/2002 CE ₁₀	2003 09 23.20545	21 30 38.61	-00 19 44.6	15.8 T	644
C/2002 CE ₁₀	2003 09 23.20689	21 30 38.34	-00 19 48.6	15.8 T	644
C/2002 CE ₁₀	2003 09 23.20833	21 30 38.04	-00 19 52.7	15.8 T	644
C/2002 CE ₁₀	2003 09 23.92731	21 28 23.44	-00 52 54.5	16.4 T	J93
C/2002 CE ₁₀	2003 09 23.93013	21 28 22.90	-00 53 02.6	16.4 T	J93
C/2002 CE ₁₀	2003 09 23.93294	21 28 22.34	-00 53 10.9	16.5 T	J93
C/2002 CE ₁₀	2003 09 24.14245	21 27 43.95	-01 02 41.6	15.8 N	642
C/2002 CE ₁₀	2003 09 24.14553	21 27 43.37	-01 02 50.0		642
C/2002 CE ₁₀	2003 09 24.14762	21 27 43.00	-01 02 55.6		642
C/2002 CE ₁₀	2003 09 24.21459	21 27 30.55	-01 05 53.7	15.7 T	H41
C/2002 CE ₁₀	2003 09 24.22785	21 27 28.10	-01 06 30.0	15.8 T	H41
C/2002 CE ₁₀	2003 09 24.23334	21 27 27.05	-01 06 44.6	15.8 T	H41
C/2002 CE ₁₀	2003 09 24.96259	21 25 14.90	-01 39 26.0		A46
C/2002 CE ₁₀	2003 09 24.96372	21 25 14.67	-01 39 29.7		A46
C/2002 CE ₁₀	2003 09 24.96485	21 25 14.53	-01 39 32.3		A46
C/2002 CE ₁₀	2003 09 24.96597	21 25 14.30	-01 39 36.0		A46
C/2002 CE ₁₀	2003 09 24.96824	21 25 13.90	-01 39 41.9		A46
C/2002 CE ₁₀	2003 09 24.96936	21 25 13.73	-01 39 44.8		A46
C/2002 CE ₁₀	2003 09 25.29478	21 24 15.85	-01 54 05.3	15.8 T	H41
C/2002 CE ₁₀	2003 09 25.29822	21 24 15.21	-01 54 14.7	15.7 T	H41
C/2002 CE ₁₀	2003 09 26.16565	21 21 44.39	-02 32 00.6		642

2003 OCT. 10

M.P.C. 49739

C/2002 CE ₁₀	2003 09 26.16874	21 21 43.85	-02 32 08.5		642
C/2002 CE ₁₀	2003 09 26.17186	21 21 43.30	-02 32 16.5		642
C/2002 CE ₁₀	2003 09 26.23089	21 21 32.95	-02 34 46.7	15.7 T	H41
C/2002 CE ₁₀	2003 09 26.23800	21 21 31.70	-02 35 05.0	15.6 T	H41
C/2002 CE ₁₀	2003 09 26.24341	21 21 30.75	-02 35 19.0	15.6 T	H41
C/2002 CE ₁₀	2003 09 26.53038	21 20 42.00	-02 47 32.8		340
C/2002 CE ₁₀	2003 09 26.53186	21 20 41.70	-02 47 39.9		340
C/2002 CE ₁₀	2003 09 26.53355	21 20 41.37	-02 47 43.7		340
C/2002 CE ₁₀	2003 09 26.53487	21 20 41.14	-02 47 47.3	16.5 T	340
C/2002 CE ₁₀	2003 09 26.93492	21 19 33.78	-03 04 44.6		A46
C/2002 CE ₁₀	2003 09 26.93603	21 19 33.59	-03 04 47.5		A46
C/2002 CE ₁₀	2003 09 26.93715	21 19 33.41	-03 04 50.2		A46
C/2002 CE ₁₀	2003 09 26.93826	21 19 33.20	-03 04 52.7		A46
C/2002 CE ₁₀	2003 09 26.93939	21 19 33.03	-03 04 56.0		A46
C/2002 CE ₁₀	2003 09 26.94050	21 19 32.83	-03 04 58.4		A46
C/2002 CE ₁₀	2003 09 27.10525	21 19 05.70	-03 11 53.1	16.0 T	699
C/2002 CE ₁₀	2003 09 27.11849	21 19 03.47	-03 12 26.3		699
C/2002 CE ₁₀	2003 09 27.13177	21 19 01.25	-03 12 59.6		699
C/2002 CE ₁₀	2003 09 27.14510	21 18 59.00	-03 13 33.1		699
C/2002 CE ₁₀	2003 09 27.18039	21 18 53.12	-03 15 03.0		642
C/2002 CE ₁₀	2003 09 27.18330	21 18 52.64	-03 15 10.4		642
C/2002 CE ₁₀	2003 09 27.18523	21 18 52.31	-03 15 15.0		642
C/2002 CE ₁₀	2003 09 27.52372	21 17 56.41	-03 29 19.6		340
C/2002 CE ₁₀	2003 09 27.52526	21 17 56.18	-03 29 23.2		340
C/2002 CE ₁₀	2003 09 27.52644	21 17 55.97	-03 29 26.4	16.5 T	340
C/2002 CE ₁₀	2003 09 27.92193	21 16 51.68	-03 45 44.6	16.7 N	J87
C/2002 CE ₁₀	2003 09 27.92340	21 16 51.44	-03 45 48.5	16.5 N	J87
C/2002 CE ₁₀	2003 09 27.92486	21 16 51.20	-03 45 51.9	16.4 N	J87
C/2002 CE ₁₀	2003 09 27.92632	21 16 50.96	-03 45 55.6	16.7 N	J87
C/2002 CE ₁₀	2003 09 28.08920	21 16 24.91	-03 52 33.8	15.9 T	H41
C/2002 CE ₁₀	2003 09 28.09561	21 16 23.89	-03 52 49.3	15.8 T	H41
C/2002 CE ₁₀	2003 09 28.09728	21 16 23.60	-03 52 53.4	15.8 T	H41
C/2002 CE ₁₀	2003 09 28.14266	21 16 16.33	-03 54 46.4		642
C/2002 CE ₁₀	2003 09 28.14740	21 16 15.57	-03 54 57.8		642
C/2002 CE ₁₀	2003 09 28.15047	21 16 15.09	-03 55 05.5		642
C/2002 CE ₁₀	2003 09 28.53931	21 15 13.06	-04 10 48.9	16.4 T	900
C/2002 CE ₁₀	2003 09 28.54833	21 15 11.61	-04 11 10.3	16.3 T	900
C/2002 CE ₁₀	2003 09 29.14272	21 13 38.95	-04 34 55.2		642
C/2002 CE ₁₀	2003 09 29.14559	21 13 38.52	-04 35 02.6		642
C/2002 CE ₁₀	2003 09 29.14851	21 13 38.12	-04 35 09.5		642
C/2002 CE ₁₀	2003 09 29.17380	21 13 34.02	-04 36 07.4	16.0 T	H41
C/2002 CE ₁₀	2003 09 29.19705	21 13 30.37	-04 37 02.6	16.1 T	H41
C/2002 CE ₁₀	2003 09 29.19987	21 13 29.96	-04 37 09.6	16.0 T	H41
C/2002 CE ₁₀	2003 09 30.16127	21 11 04.48	-05 14 38.9		642
C/2002 CE ₁₀	2003 09 30.16382	21 11 04.08	-05 14 44.2		642
C/2002 CE ₁₀	2003 09 30.16670	21 11 03.63	-05 14 50.6	16.5 T	704
C/2002 CE ₁₀	2003 09 30.16696	21 11 03.65	-05 14 52.2		642
C/2002 CE ₁₀	2003 09 30.17970	21 11 01.66	-05 15 19.8	16.8 T	704
C/2002 CE ₁₀	2003 09 30.19340	21 10 59.59	-05 15 51.5	16.8 T	704
C/2002 CE ₁₀	2003 09 30.20749	21 10 57.49	-05 16 23.9	16.9 T	704
C/2002 CE ₁₀	2003 09 30.22173	21 10 55.33	-05 16 56.9	17.5 T	704
C/2002 CE ₁₀	2003 09 30.52881	21 10 10.04	-05 28 39.4		340
C/2002 CE ₁₀	2003 09 30.53041	21 10 09.78	-05 28 43.8		340

C/2002 CE ₁₀	2003 09 30.53177	21 10 09.59	-05 28 46.7	16.6 T	340
C/2002 CE ₁₀	2003 10 01.51907	21 07 47.39	-06 05 44.5	16.6 N	360
C/2002 CE ₁₀	2003 10 01.52243	21 07 46.91	-06 05 51.8		360
C/2002 CE ₁₀	2003 10 01.97154	21 06 44.02	-06 22 17.4	15.4 N	945
C/2002 CE ₁₀	2003 10 01.97332	21 06 43.64	-06 22 22.6	15.4 N	945
C/2002 CE ₁₀	2003 10 01.97600	21 06 43.27	-06 22 27.6	15.4 N	945
C/2002 CE ₁₀	2003 10 01.97876	21 06 42.89	-06 22 34.6	15.4 N	945
C/2002 CE ₁₀	2003 10 01.98111	21 06 42.51	-06 22 39.8	15.4 N	945
C/2002 CE ₁₀	2003 10 02.84080	21 04 45.35	-06 53 31.1	16.4 N	213
C/2002 CE ₁₀	2003 10 02.84240	21 04 45.09	-06 53 34.9	16.4 N	213
C/2002 CE ₁₀	2003 10 02.84403	21 04 44.87	-06 53 38.4	16.4 N	213
C/2002 CE ₁₀	2003 10 04.84338	21 00 26.70	-08 02 16.2		048
C/2002 CE ₁₀	2003 10 04.84413	21 00 26.62	-08 02 17.0		048
C/2002 CE ₁₀	2003 10 04.84794	21 00 26.10	-08 02 24.7		048
C/2002 CE ₁₀	2003 10 04.84946	21 00 25.96	-08 02 28.1		048
C/2002 CE ₁₀	2003 10 04.85023	21 00 25.89	-08 02 29.1		048

C/2002 J5 (LINEAR)

C/2002 J5	2003 09 05.93973	16 37 39.31	+36 29 45.0	16.2 N	A32
C/2002 J5	2003 09 05.95002	16 37 39.11	+36 29 41.7	16.4 N	A32
C/2002 J5	2003 09 10.86902	16 35 53.61	+36 01 03.8	16.2 N	213
C/2002 J5	2003 09 10.87100	16 35 53.68	+36 01 03.0	16.2 N	213
C/2002 J5	2003 09 10.87299	16 35 53.46	+36 01 01.9	16.2 N	213
C/2002 J5	2003 09 18.80900	16 33 51.19	+35 16 04.4	16.2 T	215
C/2002 J5	2003 09 18.80940	16 33 51.27	+35 16 04.2	16.2 T	215
C/2002 J5	2003 09 18.80979	16 33 51.20	+35 16 03.9	16.6 T	215
C/2002 J5	2003 09 18.86655	16 33 50.54	+35 15 44.5	16.3 N	213
C/2002 J5	2003 09 18.86759	16 33 50.52	+35 15 43.2	16.3 N	213
C/2002 J5	2003 09 18.86865	16 33 50.47	+35 15 44.6	16.3 N	213
C/2002 J5	2003 09 19.47682	16 33 43.40	+35 12 23.2	17.2 T	360
C/2002 J5	2003 09 19.47922	16 33 43.37	+35 12 22.5		360
C/2002 J5	2003 09 19.82627	16 33 39.51	+35 10 28.2	17.2 N	118
C/2002 J5	2003 09 19.83791	16 33 39.37	+35 10 24.4	17.3 N	118
C/2002 J5	2003 09 19.85036	16 33 39.19	+35 10 21.3	16.3 T	939
C/2002 J5	2003 09 19.85273	16 33 39.21	+35 10 20.1	16.4 T	939
C/2002 J5	2003 09 19.86001	16 33 39.27	+35 10 16.7	16.4 T	939
C/2002 J5	2003 10 02.80677	16 32 23.80	+34 03 42.9	17.8 N	620
C/2002 J5	2003 10 02.81427	16 32 23.73	+34 03 41.1	17.6 N	620

C/2002 L9 (NEAT)

C/2002 L9	2003 09 03.54959	20 53 15.77	-55 40 15.3	16.5 N	E14
C/2002 L9	2003 09 03.55322	20 53 15.67	-55 40 15.7	16.7 N	E14
C/2002 L9	2003 09 03.55685	20 53 15.54	-55 40 16.4	16.7 N	E14
C/2002 L9	2003 09 18.48343	20 46 49.51	-56 04 22.6	16.5 N	428
C/2002 L9	2003 09 18.51528	20 46 48.85	-56 04 24.1	16.7 N	428

P/2002 O8 (NEAT)

P/2002 O8	2003 09 26.69935	02 06 48.28	-01 38 44.5	20.0 T	2 360
P/2002 O8	2003 09 26.70358	02 06 48.06	-01 38 46.5		2 360
P/2002 O8	2003 09 26.70908	02 06 47.86	-01 38 48.8		2 360
P/2002 O8	2003 09 30.68427	02 04 38.75	-01 51 02.0		360
P/2002 O8	2003 10 02.64083	02 03 31.27	-01 56 57.8	19.8 T	360
P/2002 O8	2003 10 02.64491	02 03 31.06	-01 56 58.7		360
P/2002 O8	2003 10 02.65041	02 03 30.89	-01 56 59.4		360

C/2002 P1 (NEAT)						
C/2002 P1	2003 09 03.85448	22 16 53.79	+13 03 32.7	18.7 T	215	
C/2002 P1	2003 09 18.84545	22 11 40.91	+12 54 09.5	19.5 T	215	
C/2002 P1	2003 09 28.12091	22 08 55.86	+12 44 18.3	16.1 N	H44	
C/2002 P1	2003 09 30.61410	22 08 16.55	+12 41 19.3	19.6 T	360	
C/2002 P1	2003 09 30.61872	22 08 16.44	+12 41 18.5		360	
C/2002 P1	2003 09 30.62329	22 08 16.39	+12 41 18.6		360	

C/2002 R3 (LONEOS)						
C/2002 R3	2003 09 05.97924	23 23 15.98	+19 37 27.4	15.7 N	A32	
C/2002 R3	2003 09 05.98071	23 23 15.78	+19 37 26.5	15.7 N	A32	
C/2002 R3	2003 09 05.98218	23 23 15.58	+19 37 25.8	15.7 N	A32	
C/2002 R3	2003 09 05.98365	23 23 15.38	+19 37 24.8	15.7 N	A32	
C/2002 R3	2003 09 06.91438	23 21 11.68	+19 28 21.2		A46	
C/2002 R3	2003 09 06.91558	23 21 11.58	+19 28 20.6		A46	
C/2002 R3	2003 09 06.91679	23 21 11.32	+19 28 19.1		A46	
C/2002 R3	2003 09 06.91919	23 21 11.03	+19 28 18.3		A46	
C/2002 R3	2003 09 06.92037	23 21 10.92	+19 28 17.8		A46	
C/2002 R3	2003 09 06.92153	23 21 10.69	+19 28 16.6		A46	
C/2002 R3	2003 09 07.13098	23 20 42.80	+19 26 16.0	16.6 N	859	
C/2002 R3	2003 09 07.13513	23 20 42.25	+19 26 14.5	16.9 N	859	
C/2002 R3	2003 09 07.14738	23 20 40.73	+19 26 05.3	16.8 N	859	
C/2002 R3	2003 09 10.96889	23 12 12.62	+18 46 16.9	17.2 N	213	
C/2002 R3	2003 09 10.97109	23 12 12.38	+18 46 13.2	17.2 N	213	
C/2002 R3	2003 09 10.97428	23 12 11.86	+18 46 12.6	17.2 N	213	
C/2002 R3	2003 09 13.51638	23 06 35.58	+18 17 49.8		349	
C/2002 R3	2003 09 13.51918	23 06 35.10	+18 17 47.6		349	
C/2002 R3	2003 09 13.52198	23 06 34.81	+18 17 46.0		349	
C/2002 R3	2003 09 13.52505	23 06 34.35	+18 17 43.3	15.5 T	349	
C/2002 R3	2003 09 13.96840	23 05 35.88	+18 12 37.0	16.9 N	A18	
C/2002 R3	2003 09 14.02179	23 05 28.77	+18 12 00.2	16.7 N	A18	
C/2002 R3	2003 09 14.89326	23 03 34.32	+18 01 51.7		048	
C/2002 R3	2003 09 14.89619	23 03 34.10	+18 01 49.2		048	
C/2002 R3	2003 09 14.90646	23 03 32.69	+18 01 41.7		048	
C/2002 R3	2003 09 15.04157	23 03 14.82	+18 00 07.2	16.7 N	620	
C/2002 R3	2003 09 15.04490	23 03 14.42	+18 00 04.9	16.7 N	620	
C/2002 R3	2003 09 15.04823	23 03 13.94	+18 00 02.9	16.6 N	620	
C/2002 R3	2003 09 15.28006	23 02 43.62	+17 57 18.3	15.8 T	H41	
C/2002 R3	2003 09 15.28707	23 02 42.68	+17 57 12.1	15.8 T	H41	
C/2002 R3	2003 09 15.30964	23 02 39.70	+17 56 58.2	16.0 T	H44	
C/2002 R3	2003 09 15.49868	23 02 15.08	+17 54 44.3	16.4 T	608	
C/2002 R3	2003 09 15.50899	23 02 13.68	+17 54 36.9	16.4 T	608	
C/2002 R3	2003 09 15.51931	23 02 12.32	+17 54 29.4	16.3 T	608	
C/2002 R3	2003 09 16.22071	23 00 40.76	+17 46 08.1	15.7 T	H41	
C/2002 R3	2003 09 16.22438	23 00 40.28	+17 46 04.8	15.7 T	H41	
C/2002 R3	2003 09 16.25565	23 00 36.35	+17 45 39.2	15.9 T	H44	
C/2002 R3	2003 09 16.79282	22 59 26.39	+17 39 13.7		246	
C/2002 R3	2003 09 16.79414	22 59 26.22	+17 39 12.6		246	
C/2002 R3	2003 09 16.79500	22 59 26.11	+17 39 12.0		246	
C/2002 R3	2003 09 16.79561	22 59 26.03	+17 39 11.6		246	
C/2002 R3	2003 09 16.79645	22 59 25.92	+17 39 11.1		246	
C/2002 R3	2003 09 16.84987	22 59 18.94	+17 38 31.8		A46	
C/2002 R3	2003 09 16.85100	22 59 18.81	+17 38 30.6		A46	

C/2002 R3	2003 09 16.85213	22 59 18.65	+17 38 29.7		A46	
C/2002 R3	2003 09 16.85325	22 59 18.48	+17 38 29.0		A46	
C/2002 R3	2003 09 16.85551	22 59 18.19	+17 38 27.8		A46	
C/2002 R3	2003 09 16.85661	22 59 18.02	+17 38 26.5		A46	
C/2002 R3	2003 09 16.88181	22 59 14.81	+17 38 08.6		048	
C/2002 R3	2003 09 16.88765	22 59 14.00	+17 38 04.1		048	
C/2002 R3	2003 09 16.89063	22 59 13.65	+17 38 02.6		048	
C/2002 R3	2003 09 16.89356	22 59 13.22	+17 38 00.6		048	
C/2002 R3	2003 09 16.89653	22 59 12.87	+17 37 57.9		048	
C/2002 R3	2003 09 17.81753	22 57 13.68	+17 26 43.4		143	
C/2002 R3	2003 09 17.82219	22 57 13.02	+17 26 40.3		143	
C/2002 R3	2003 09 17.82684	22 57 12.39	+17 26 36.7		143	
C/2002 R3	2003 09 17.83682	22 57 11.14	+17 26 29.6		A46	
C/2002 R3	2003 09 17.83795	22 57 11.00	+17 26 27.9		A46	
C/2002 R3	2003 09 17.83906	22 57 10.84	+17 26 27.3		A46	
C/2002 R3	2003 09 17.84020	22 57 10.76	+17 26 26.3		A46	
C/2002 R3	2003 09 17.84132	22 57 10.48	+17 26 27.3		A46	
C/2002 R3	2003 09 17.84358	22 57 10.19	+17 26 25.9		A46	
C/2002 R3	2003 09 17.86815	22 57 06.97	+17 26 06.9	16.0 N	213	
C/2002 R3	2003 09 17.87127	22 57 06.62	+17 26 04.6	16.0 N	213	
C/2002 R3	2003 09 17.87441	22 57 06.17	+17 26 02.3	16.0 N	213	
C/2002 R3	2003 09 17.88322	22 57 05.05	+17 25 55.5		127	
C/2002 R3	2003 09 17.89152	22 57 03.97	+17 25 49.4		127	
C/2002 R3	2003 09 17.89593	22 57 03.39	+17 25 46.3		127	
C/2002 R3	2003 09 17.90152	22 57 02.67	+17 25 42.0		127	
C/2002 R3	2003 09 18.20627	22 56 23.25	+17 21 57.4	16.2 T	H44	
C/2002 R3	2003 09 18.28962	22 56 12.53	+17 20 55.2	15.4 T	H41	
C/2002 R3	2003 09 18.29562	22 56 11.71	+17 20 50.6	15.4 T	H41	
C/2002 R3	2003 09 18.61514	22 55 30.61	+17 16 54.0	15.5 T	360	
C/2002 R3	2003 09 18.61729	22 55 30.33	+17 16 52.3		360	
C/2002 R3	2003 09 18.68100	22 55 22.05	+17 16 03.7		349	
C/2002 R3	2003 09 18.68322	22 55 21.80	+17 16 02.1		349	
C/2002 R3	2003 09 18.68544	22 55 21.53	+17 16 00.4		349	
C/2002 R3	2003 09 18.68767	22 55 21.23	+17 15 59.0	15.6 T	349	
C/2002 R3	2003 09 18.79307	22 55 07.96	+17 14 39.0		A46	
C/2002 R3	2003 09 18.79419	22 55 07.87	+17 14 38.6		A46	
C/2002 R3	2003 09 18.79531	22 55 07.67	+17 14 38.6		A46	
C/2002 R3	2003 09 18.79645	22 55 07.52	+17 14 37.0		A46	
C/2002 R3	2003 09 18.79757	22 55 07.33	+17 14 37.0		A46	
C/2002 R3	2003 09 18.79983	22 55 07.08	+17 14 35.3		A46	
C/2002 R3	2003 09 18.83332	22 55 02.71	+17 14 10.3	16.1 N	213	
C/2002 R3	2003 09 18.83487	22 55 02.55	+17 14 08.7	16.1 N	213	
C/2002 R3	2003 09 18.83591	22 55 02.39	+17 14 08.3	16.1 N	213	
C/2002 R3	2003 09 18.85723	22 54 59.64	+17 13 52.4	16.3 T	215	
C/2002 R3	2003 09 18.85763	22 54 59.57	+17 13 52.2	16.4 T	215	
C/2002 R3	2003 09 18.85802	22 54 59.49	+17 13 51.9	16.6 T	215	
C/2002 R3	2003 09 18.87698	22 54 57.27	+17 13 38.6	15.9 N	945	
C/2002 R3	2003 09 18.88056	22 54 56.80	+17 13 35.1	15.6 N	945	
C/2002 R3	2003 09 18.88069	22 54 56.56	+17 13 34.4		048	
C/2002 R3	2003 09 18.88266	22 54 56.42	+17 13 33.2		127	
C/2002 R3	2003 09 18.88549	22 54 56.20	+17 13 31.4	15.7 N	945	
C/2002 R3	2003 09 18.88831	22 54 55.69	+17 13 28.8		127	
C/2002 R3	2003 09 18.89333	22 54 55.03	+17 13 25.0		127	

2003 OCT. 10

M.P.C. 49741

C/2002 R3	2003 09 18.89431	22 54 54.84	+17 13 24.5		048
C/2002 R3	2003 09 18.89579	22 54 54.70	+17 13 23.2		048
C/2002 R3	2003 09 18.89726	22 54 54.45	+17 13 22.5		048
C/2002 R3	2003 09 18.89909	22 54 54.27	+17 13 20.9		127
C/2002 R3	2003 09 18.90022	22 54 54.03	+17 13 20.7		048
C/2002 R3	2003 09 18.90462	22 54 53.52	+17 13 16.6		170
C/2002 R3	2003 09 18.90620	22 54 53.31	+17 13 15.8		170
C/2002 R3	2003 09 18.90779	22 54 53.08	+17 13 14.7		170
C/2002 R3	2003 09 18.90937	22 54 52.91	+17 13 13.6		170
C/2002 R3	2003 09 18.96898	22 54 45.25	+17 12 30.1	15.6 N	442
C/2002 R3	2003 09 18.97095	22 54 44.99	+17 12 28.8	15.7 N	442
C/2002 R3	2003 09 18.97265	22 54 44.81	+17 12 27.8	15.7 N	442
C/2002 R3	2003 09 19.26575	22 54 07.17	+17 08 45.4	15.6 T	H41
C/2002 R3	2003 09 19.41614	22 53 48.08	+17 06 55.7	17.0 T	608
C/2002 R3	2003 09 19.42711	22 53 46.71	+17 06 47.1	16.6 T	608
C/2002 R3	2003 09 19.43809	22 53 45.23	+17 06 39.1	17.0 T	608
C/2002 R3	2003 09 19.92241	22 52 43.37	+17 00 31.2	16.4 N	A18
C/2002 R3	2003 09 19.93146	22 52 42.23	+17 00 25.7	16.3 T	232
C/2002 R3	2003 09 19.93400	22 52 41.95	+17 00 23.5	16.4 T	232
C/2002 R3	2003 09 19.95378	22 52 39.28	+17 00 07.6	16.2 N	939
C/2002 R3	2003 09 19.95926	22 52 38.65	+17 00 03.4	16.1 N	939
C/2002 R3	2003 09 19.96381	22 52 38.08	+16 59 59.1		A46
C/2002 R3	2003 09 19.96475	22 52 38.06	+16 59 59.1	16.1 N	939
C/2002 R3	2003 09 19.96719	22 52 37.62	+16 59 57.4		A46
C/2002 R3	2003 09 19.96832	22 52 37.48	+16 59 56.6		A46
C/2002 R3	2003 09 19.96944	22 52 37.29	+16 59 55.9		A46
C/2002 R3	2003 09 19.97058	22 52 37.11	+16 59 55.3		A46
C/2002 R3	2003 09 19.97170	22 52 37.00	+16 59 54.1		A46
C/2002 R3	2003 09 20.01274	22 52 31.75	+16 59 22.4	16.5 N	A18
C/2002 R3	2003 09 20.24089	22 52 02.76	+16 56 30.2	15.7 T	H41
C/2002 R3	2003 09 20.24938	22 52 01.65	+16 56 23.3	15.7 T	H41
C/2002 R3	2003 09 20.86551	22 50 43.62	+16 48 34.5		108
C/2002 R3	2003 09 20.86986	22 50 43.07	+16 48 29.6		108
C/2002 R3	2003 09 20.87731	22 50 42.03	+16 48 23.7	17.0 T	108
C/2002 R3	2003 09 20.90127	22 50 39.06	+16 48 06.0		048
C/2002 R3	2003 09 20.90420	22 50 38.71	+16 48 03.7		048
C/2002 R3	2003 09 20.90709	22 50 38.36	+16 48 01.3		048
C/2002 R3	2003 09 20.91000	22 50 37.98	+16 47 58.8		048
C/2002 R3	2003 09 20.91291	22 50 37.63	+16 47 56.5		048
C/2002 R3	2003 09 20.94060	22 50 34.07	+16 47 36.8	16.6 T	504
C/2002 R3	2003 09 20.94237	22 50 33.77	+16 47 34.7	16.3 T	504
C/2002 R3	2003 09 20.94421	22 50 33.59	+16 47 33.8	16.1 T	504
C/2002 R3	2003 09 20.94471	22 50 33.57	+16 47 31.6	16.5 N	A18
C/2002 R3	2003 09 20.94598	22 50 33.38	+16 47 32.5	16.0 T	504
C/2002 R3	2003 09 20.95198	22 50 32.63	+16 47 26.9		504
C/2002 R3	2003 09 20.99800	22 50 26.81	+16 46 51.5	15.8 N	A32
C/2002 R3	2003 09 20.99947	22 50 26.63	+16 46 50.6	15.7 N	A32
C/2002 R3	2003 09 21.00094	22 50 26.47	+16 46 49.0	15.8 N	A32
C/2002 R3	2003 09 21.00241	22 50 26.23	+16 46 47.7	15.7 N	A32
C/2002 R3	2003 09 21.00934	22 50 25.37	+16 46 43.1	16.7 N	A18
C/2002 R3	2003 09 21.04542	22 50 20.81	+16 46 15.3	16.2 N	212
C/2002 R3	2003 09 21.04840	22 50 20.40	+16 46 12.9	16.2 N	212
C/2002 R3	2003 09 21.05174	22 50 19.94	+16 46 10.5	16.2 N	212

C/2002 R3	2003 09 21.24970	22 49 55.04	+16 43 38.8	15.7 T	H41
C/2002 R3	2003 09 21.25516	22 49 54.41	+16 43 33.0	15.6 T	H41
C/2002 R3	2003 09 21.87633	22 48 36.37	+16 35 34.7		127
C/2002 R3	2003 09 21.88074	22 48 35.82	+16 35 31.2		127
C/2002 R3	2003 09 21.88644	22 48 35.10	+16 35 26.9		127
C/2002 R3	2003 09 21.89181	22 48 34.40	+16 35 22.6		127
C/2002 R3	2003 09 21.94846	22 48 27.23	+16 34 39.1		A46
C/2002 R3	2003 09 21.94958	22 48 27.10	+16 34 38.4		A46
C/2002 R3	2003 09 21.95296	22 48 26.58	+16 34 36.0		A46
C/2002 R3	2003 09 21.95410	22 48 26.50	+16 34 35.9		A46
C/2002 R3	2003 09 21.95522	22 48 26.32	+16 34 35.0		A46
C/2002 R3	2003 09 21.95635	22 48 26.28	+16 34 33.7		A46
C/2002 R3	2003 09 22.22579	22 47 52.62	+16 31 05.2	17.6 T	704
C/2002 R3	2003 09 22.23798	22 47 51.04	+16 30 55.6	17.5 T	704
C/2002 R3	2003 09 22.25014	22 47 49.55	+16 30 45.9	17.4 T	704
C/2002 R3	2003 09 22.26254	22 47 48.00	+16 30 36.0	17.6 T	704
C/2002 R3	2003 09 22.27547	22 47 46.41	+16 30 25.8	17.5 T	704
C/2002 R3	2003 09 22.61051	22 47 04.50	+16 26 05.8	16.8 T	900
C/2002 R3	2003 09 22.62594	22 47 02.55	+16 25 52.9	16.7 T	900
C/2002 R3	2003 09 22.68790	22 46 54.72	+16 25 05.4		349
C/2002 R3	2003 09 22.69014	22 46 54.42	+16 25 03.4		349
C/2002 R3	2003 09 22.69237	22 46 54.18	+16 25 01.6		349
C/2002 R3	2003 09 22.69461	22 46 53.89	+16 25 00.2	15.4 T	349
C/2002 R3	2003 09 22.94763	22 46 22.54	+16 21 41.4	16.6 N	166
C/2002 R3	2003 09 22.95156	22 46 21.94	+16 21 38.7	16.4 N	166
C/2002 R3	2003 09 22.95560	22 46 21.50	+16 21 35.8	16.4 N	166
C/2002 R3	2003 09 22.95778	22 46 21.16	+16 21 35.1	16.5 N	166
C/2002 R3	2003 09 23.14961	22 45 57.41	+16 19 04.5	17.6 N	H44
C/2002 R3	2003 09 23.18554	22 45 53.12	+16 18 35.0	17.2 N	642
C/2002 R3	2003 09 23.18863	22 45 52.67	+16 18 34.1		642
C/2002 R3	2003 09 23.19597	22 45 51.63	+16 18 28.0		642
C/2002 R3	2003 09 23.20618	22 45 50.37	+16 18 20.5	17.5 N	H44
C/2002 R3	2003 09 23.21950	22 45 48.76	+16 18 08.7	15.8 T	H41
C/2002 R3	2003 09 23.22318	22 45 48.29	+16 18 06.3	15.8 T	H41
C/2002 R3	2003 09 24.23890	22 43 43.10	+16 04 46.9	15.7 T	H41
C/2002 R3	2003 09 24.24433	22 43 42.44	+16 04 42.5	15.7 T	H41
C/2002 R3	2003 09 24.97605	22 42 12.81	+15 55 02.6		A46
C/2002 R3	2003 09 24.97718	22 42 12.65	+15 55 01.8		A46
C/2002 R3	2003 09 24.97943	22 42 12.41	+15 55 00.5		A46
C/2002 R3	2003 09 24.98056	22 42 12.30	+15 54 59.0		A46
C/2002 R3	2003 09 24.98394	22 42 11.91	+15 54 56.5		A46
C/2002 R3	2003 09 24.98506	22 42 11.78	+15 54 55.7		A46
C/2002 R3	2003 09 25.30280	22 41 33.05	+15 50 41.5	16.7 N	H41
C/2002 R3	2003 09 25.30788	22 41 32.52	+15 50 37.4	15.9 T	H41
C/2002 R3	2003 09 26.21491	22 39 43.03	+15 38 34.2		642
C/2002 R3	2003 09 26.21800	22 39 42.64	+15 38 31.3		642
C/2002 R3	2003 09 26.22110	22 39 42.39	+15 38 28.2		642
C/2002 R3	2003 09 26.22509	22 39 41.98	+15 38 26.1	17.5 T	704
C/2002 R3	2003 09 26.23759	22 39 40.50	+15 38 15.3	17.6 T	704
C/2002 R3	2003 09 26.24647	22 39 39.24	+15 38 08.4	15.8 T	H41
C/2002 R3	2003 09 26.25020	22 39 38.97	+15 38 06.1	17.6 T	704
C/2002 R3	2003 09 26.25270	22 39 38.46	+15 38 03.1	15.8 T	H41
C/2002 R3	2003 09 26.26295	22 39 37.39	+15 37 56.4	17.6 T	704

2003 OCT. 10

M.P.C. 49743

C/2002 T7	2003 09 09.72744	05 40 13.64	+31 55 59.1		349
C/2002 T7	2003 09 09.77117	05 40 13.76	+31 56 09.7		349
C/2002 T7	2003 09 09.77249	05 40 13.76	+31 56 10.2	13.4 T	349
C/2002 T7	2003 09 10.09025	05 40 14.81	+31 57 28.0	13.2 N	945
C/2002 T7	2003 09 10.10999	05 40 14.86	+31 57 33.2	13.2 N	945
C/2002 T7	2003 09 10.13388	05 40 14.91	+31 57 39.2	13.1 N	945
C/2002 T7	2003 09 10.28715	05 40 15.38	+31 58 17.5	13.1 T	785
C/2002 T7	2003 09 10.32941	05 40 15.45	+31 58 27.6	13.1 T	785
C/2002 T7	2003 09 10.34047	05 40 15.47	+31 58 30.6	13.1 T	785
C/2002 T7	2003 09 10.39671	05 40 15.62	+31 58 45.0	13.2 T	785
C/2002 T7	2003 09 11.09020	05 40 17.18	+32 01 37.6	13.6 N	945
C/2002 T7	2003 09 11.09222	05 40 17.24	+32 01 37.8	13.3 N	945
C/2002 T7	2003 09 11.09488	05 40 17.20	+32 01 38.4	13.6 N	945
C/2002 T7	2003 09 11.77812	05 40 18.12	+32 04 31.7	13.9 N	379
C/2002 T7	2003 09 11.77892	05 40 18.11	+32 04 32.3	13.7 N	379
C/2002 T7	2003 09 11.78052	05 40 18.07	+32 04 32.5	13.8 N	379
C/2002 T7	2003 09 12.03675	05 40 18.33	+32 05 36.3	13.4 N	213
C/2002 T7	2003 09 12.03770	05 40 18.33	+32 05 36.6	13.4 N	213
C/2002 T7	2003 09 12.03881	05 40 18.31	+32 05 37.1	13.4 N	213
C/2002 T7	2003 09 13.64880	05 40 17.52	+32 12 32.6		349
C/2002 T7	2003 09 13.65047	05 40 17.53	+32 12 33.5		349
C/2002 T7	2003 09 13.65300	05 40 17.54	+32 12 33.9		349
C/2002 T7	2003 09 13.65469	05 40 17.54	+32 12 34.1	13.5 T	349
C/2002 T7	2003 09 13.73060	05 40 17.29	+32 12 54.5		300
C/2002 T7	2003 09 13.74206	05 40 17.18	+32 12 58.2		300
C/2002 T7	2003 09 13.74970	05 40 17.22	+32 13 00.1		300
C/2002 T7	2003 09 13.76655	05 40 17.30	+32 13 03.7	13.9 N	379
C/2002 T7	2003 09 13.76815	05 40 17.33	+32 13 04.5	14.0 N	379
C/2002 T7	2003 09 14.05172	05 40 16.74	+32 14 18.9	13.3 N	A18
C/2002 T7	2003 09 14.08447	05 40 16.67	+32 14 27.6	13.3 N	A18
C/2002 T7	2003 09 14.78617	05 40 14.82	+32 17 33.0	13.6 N	379
C/2002 T7	2003 09 14.79016	05 40 14.84	+32 17 34.3	13.6 N	379
C/2002 T7	2003 09 15.77894	05 40 11.01	+32 22 00.0	13.4 N	379
C/2002 T7	2003 09 15.78133	05 40 11.02	+32 22 00.3	13.6 N	379
C/2002 T7	2003 09 15.78213	05 40 10.97	+32 22 00.5	13.4 N	379
C/2002 T7	2003 09 15.78293	05 40 11.00	+32 22 00.8	13.5 N	379
C/2002 T7	2003 09 16.78933	05 40 05.67	+32 26 35.3	13.5 N	379
C/2002 T7	2003 09 16.79013	05 40 05.67	+32 26 35.7	13.6 N	379
C/2002 T7	2003 09 16.79172	05 40 05.68	+32 26 36.3	13.5 N	379
C/2002 T7	2003 09 16.79252	05 40 05.61	+32 26 36.3	13.6 N	379
C/2002 T7	2003 09 17.05066	05 40 04.04	+32 27 46.2		A46
C/2002 T7	2003 09 17.05178	05 40 04.04	+32 27 46.5		A46
C/2002 T7	2003 09 17.05292	05 40 04.03	+32 27 47.1		A46
C/2002 T7	2003 09 17.05519	05 40 04.04	+32 27 47.5		A46
C/2002 T7	2003 09 17.05631	05 40 04.03	+32 27 48.0		A46
C/2002 T7	2003 09 17.05856	05 40 04.02	+32 27 48.5		A46
C/2002 T7	2003 09 17.78365	05 39 58.93	+32 31 10.4	13.5 N	379
C/2002 T7	2003 09 17.78444	05 39 58.92	+32 31 10.6	13.4 N	379
C/2002 T7	2003 09 17.78524	05 39 58.94	+32 31 11.3	13.5 N	379
C/2002 T7	2003 09 17.78604	05 39 58.96	+32 31 11.6	13.5 N	379
C/2002 T7	2003 09 17.78684	05 39 58.90	+32 31 11.4	13.5 N	379
C/2002 T7	2003 09 18.36119	05 39 54.50	+32 33 53.1	12.6 T	H41
C/2002 T7	2003 09 18.36816	05 39 54.43	+32 33 54.7	12.6 T	H41

C/2002 T7	2003 09 18.71656	05 39 51.28	+32 35 32.6		349
C/2002 T7	2003 09 18.71909	05 39 51.26	+32 35 33.4		349
C/2002 T7	2003 09 18.77236	05 39 50.75	+32 35 48.5		349
C/2002 T7	2003 09 18.77492	05 39 50.71	+32 35 49.3	13.1 T	349
C/2002 T7	2003 09 19.10200	05 39 47.64	+32 37 21.2		048
C/2002 T7	2003 09 19.10277	05 39 47.65	+32 37 21.4		048
C/2002 T7	2003 09 19.10352	05 39 47.63	+32 37 21.6		048
C/2002 T7	2003 09 19.10428	05 39 47.63	+32 37 22.0		048
C/2002 T7	2003 09 19.10503	05 39 47.62	+32 37 22.3		048
C/2002 T7	2003 09 19.76031	05 39 41.08	+32 40 30.7	13.4 N	379
C/2002 T7	2003 09 19.76351	05 39 41.01	+32 40 31.3	13.3 N	379
C/2002 T7	2003 09 20.03145	05 39 38.09	+32 41 47.7		A46
C/2002 T7	2003 09 20.03262	05 39 38.07	+32 41 48.3		A46
C/2002 T7	2003 09 20.03374	05 39 38.06	+32 41 48.5		A46
C/2002 T7	2003 09 20.03487	05 39 38.05	+32 41 48.8		A46
C/2002 T7	2003 09 20.03601	05 39 38.04	+32 41 49.2		A46
C/2002 T7	2003 09 20.03714	05 39 38.02	+32 41 49.5		A46
C/2002 T7	2003 09 20.06594	05 39 37.72	+32 41 58.6	13.2 N	939
C/2002 T7	2003 09 20.07056	05 39 37.67	+32 42 00.2	12.4 T	108
C/2002 T7	2003 09 20.07076	05 39 37.65	+32 42 00.1	13.2 N	939
C/2002 T7	2003 09 20.07557	05 39 37.59	+32 42 01.6	13.2 N	939
C/2002 T7	2003 09 20.07691	05 39 37.59	+32 42 02.7	12.2 T	108
C/2002 T7	2003 09 20.08385	05 39 37.51	+32 42 04.5	12.4 T	108
C/2002 T7	2003 09 20.10226	05 39 37.25	+32 42 09.8	12.4 T	108
C/2002 T7	2003 09 20.96359	05 39 27.13	+32 46 19.6	13.2 N	235
C/2002 T7	2003 09 21.01922	05 39 26.38	+32 46 35.8	13.2 N	213
C/2002 T7	2003 09 21.02037	05 39 26.37	+32 46 36.2	13.2 N	213
C/2002 T7	2003 09 21.02133	05 39 26.36	+32 46 36.4	13.2 N	213
C/2002 T7	2003 09 21.02330	05 39 26.32	+32 46 37.3	13.1 N	232
C/2002 T7	2003 09 21.03359	05 39 26.21	+32 46 40.5	13.1 N	232
C/2002 T7	2003 09 21.04389	05 39 26.05	+32 46 43.4	13.1 N	232
C/2002 T7	2003 09 21.05212	05 39 25.89	+32 46 45.7	12.5 N	A32
C/2002 T7	2003 09 21.05359	05 39 25.86	+32 46 46.2	12.5 N	A32
C/2002 T7	2003 09 21.05507	05 39 25.84	+32 46 46.7	12.5 N	A32
C/2002 T7	2003 09 21.07659	05 39 25.64	+32 46 52.9	12.7 N	945
C/2002 T7	2003 09 21.07750	05 39 25.62	+32 46 53.3	12.8 N	945
C/2002 T7	2003 09 21.07927	05 39 25.59	+32 46 53.8	12.8 N	945
C/2002 T7	2003 09 21.08312	05 39 25.54	+32 46 55.2	12.8 N	945
C/2002 T7	2003 09 21.08635	05 39 25.50	+32 46 56.0	12.8 N	945
C/2002 T7	2003 09 21.09028	05 39 25.41	+32 46 57.0	13.2 N	A18
C/2002 T7	2003 09 21.10826	05 39 25.13	+32 47 01.6		048
C/2002 T7	2003 09 21.10903	05 39 25.12	+32 47 01.7		048
C/2002 T7	2003 09 21.10978	05 39 25.11	+32 47 02.0		048
C/2002 T7	2003 09 21.11130	05 39 25.10	+32 47 02.5		048
C/2002 T7	2003 09 21.11205	05 39 25.09	+32 47 02.8		048
C/2002 T7	2003 09 21.13721	05 39 24.76	+32 47 11.2	13.2 N	A18
C/2002 T7	2003 09 21.13803	05 39 24.81	+32 47 12.1	12.9 N	212
C/2002 T7	2003 09 21.14178	05 39 24.78	+32 47 13.0	12.9 N	212
C/2002 T7	2003 09 21.14537	05 39 24.74	+32 47 13.8	12.9 N	212
C/2002 T7	2003 09 21.14884	05 39 24.70	+32 47 14.8	12.9 N	212
C/2002 T7	2003 09 22.03053	05 39 12.58	+32 51 34.8		A46
C/2002 T7	2003 09 22.03166	05 39 12.56	+32 51 35.1		A46
C/2002 T7	2003 09 22.03279	05 39 12.55	+32 51 35.2		A46

C/2002 T7	2003 09 22.03505	05 39 12.51	+32 51 36.2		A46	C/2002 T7	2003 09 30.13678	05 36 12.72	+33 34 23.9	13.5 N	442
C/2002 T7	2003 09 22.03617	05 39 12.49	+32 51 36.4		A46	C/2002 T7	2003 09 30.13775	05 36 12.70	+33 34 24.3	13.5 N	442
C/2002 T7	2003 09 22.03730	05 39 12.45	+32 51 36.9		A46	C/2002 T7	2003 09 30.13939	05 36 12.64	+33 34 24.8	13.5 N	442
C/2002 T7	2003 09 22.10416	05 39 11.45	+32 51 57.0		048	C/2002 T7	2003 09 30.14108	05 36 12.60	+33 34 25.6	13.5 N	442
C/2002 T7	2003 09 22.10959	05 39 11.35	+32 51 58.7		048	C/2002 T7	2003 09 30.37441	05 36 05.91	+33 35 41.1	16.7 T	704
C/2002 T7	2003 09 22.11038	05 39 11.35	+32 51 58.9		048	C/2002 T7	2003 09 30.38738	05 36 05.59	+33 35 47.9	19.0 T	704
C/2002 T7	2003 09 22.11270	05 39 11.32	+32 51 59.7		048	C/2002 T7	2003 09 30.40047	05 36 04.59	+33 35 54.4	18.9 T	704
C/2002 T7	2003 09 22.11346	05 39 11.31	+32 51 59.8		048	C/2002 T7	2003 09 30.41376	05 36 04.16	+33 35 58.3	19.0 T	704
C/2002 T7	2003 09 22.81946	05 39 00.52	+32 55 32.7	13.2 T	349	C/2002 T7	2003 09 30.42658	05 36 03.16	+33 36 09.3	17.7 T	704
C/2002 T7	2003 09 22.82053	05 39 00.51	+32 55 33.0		349	C/2002 T7	2003 09 30.64958	05 35 56.92	+33 37 17.6		340
C/2002 T7	2003 09 22.82147	05 39 00.51	+32 55 33.1		349	C/2002 T7	2003 09 30.65212	05 35 56.83	+33 37 18.1		340
C/2002 T7	2003 09 22.82240	05 39 00.48	+32 55 33.4		349	C/2002 T7	2003 09 30.65432	05 35 56.77	+33 37 18.8	12.6 T	340
C/2002 T7	2003 09 25.05275	05 38 20.59	+33 06 57.2		A46	C/2002 T7	2003 09 30.77118	05 35 52.88	+33 37 58.9	13.3 N	379
C/2002 T7	2003 09 25.05388	05 38 20.55	+33 06 57.6		A46	C/2002 T7	2003 09 30.77542	05 35 52.79	+33 38 00.6	13.3 N	379
C/2002 T7	2003 09 25.05501	05 38 20.54	+33 06 57.8		A46	C/2002 T7	2003 09 30.81419	05 35 51.49	+33 38 13.2	13.4 N	379
C/2002 T7	2003 09 25.05615	05 38 20.51	+33 06 58.2		A46	C/2002 T7	2003 09 30.81867	05 35 51.37	+33 38 14.6	13.6 N	379
C/2002 T7	2003 09 25.05728	05 38 20.48	+33 06 58.4		A46	C/2002 T7	2003 10 01.00412	05 35 45.48	+33 39 16.8		A46
C/2002 T7	2003 09 25.05840	05 38 20.45	+33 06 58.7		A46	C/2002 T7	2003 10 01.00524	05 35 45.44	+33 39 17.2		A46
C/2002 T7	2003 09 25.08504	05 38 19.97	+33 07 06.7	13.4 N	235	C/2002 T7	2003 10 01.00639	05 35 45.41	+33 39 17.9		A46
C/2002 T7	2003 09 25.40204	05 38 13.57	+33 08 47.3	14.5 N	H41	C/2002 T7	2003 10 01.00751	05 35 45.36	+33 39 18.0		A46
C/2002 T7	2003 09 25.40483	05 38 13.49	+33 08 48.2	11.4 T	H41	C/2002 T7	2003 10 01.00865	05 35 45.33	+33 39 18.3		A46
C/2002 T7	2003 09 26.34957	05 37 53.01	+33 13 46.2	14.2 N	H41	C/2002 T7	2003 10 01.00978	05 35 45.28	+33 39 18.6		A46
C/2002 T7	2003 09 26.35458	05 37 52.90	+33 13 47.9	14.1 N	H41	C/2002 T7	2003 10 01.78255	05 35 19.31	+33 43 43.6	12.9 N	379
C/2002 T7	2003 09 26.35709	05 37 52.88	+33 13 49.0	11.3 T	H41	C/2002 T7	2003 10 01.78396	05 35 19.26	+33 43 43.5	13.0 N	379
C/2002 T7	2003 09 26.63197	05 37 46.61	+33 15 15.9		340	C/2002 T7	2003 10 02.33834	05 35 00.04	+33 46 54.5	13.7 T	730
C/2002 T7	2003 09 26.63507	05 37 46.57	+33 15 17.4		340	C/2002 T7	2003 10 02.37872	05 34 58.59	+33 47 09.3	13.5 N	H41
C/2002 T7	2003 09 26.63751	05 37 46.51	+33 15 18.2		340	C/2002 T7	2003 10 02.38441	05 34 58.38	+33 47 11.3	13.6 N	H41
C/2002 T7	2003 09 26.64058	05 37 46.42	+33 15 19.1	12.6 T	340	C/2002 T7	2003 10 02.38657	05 34 58.29	+33 47 12.1	11.2 T	H41
C/2002 T7	2003 09 26.77759	05 37 43.17	+33 16 03.5	12.5 T	360	C/2002 T7	2003 10 02.39948	05 34 57.82	+33 47 15.8	13.7 T	730
C/2002 T7	2003 09 26.78016	05 37 43.09	+33 16 04.3		360	C/2002 T7	2003 10 02.40118	05 34 57.78	+33 47 16.3	13.7 T	730
C/2002 T7	2003 09 27.00102	05 37 37.93	+33 17 13.9	13.9 N	130	C/2002 T7	2003 10 02.40390	05 34 57.65	+33 47 17.2	13.7 T	730
C/2002 T7	2003 09 27.00175	05 37 37.92	+33 17 13.8	14.1 N	130	C/2002 T7	2003 10 02.40560	05 34 57.58	+33 47 17.9	13.7 T	730
C/2002 T7	2003 09 27.00249	05 37 37.87	+33 17 13.9	14.0 N	130	C/2002 T7	2003 10 02.78529	05 34 43.85	+33 49 30.8	13.3 N	379
C/2002 T7	2003 09 27.00322	05 37 37.89	+33 17 14.3	14.3 N	130	C/2002 T7	2003 10 02.78670	05 34 43.87	+33 49 30.8	13.3 N	379
C/2002 T7	2003 09 27.01626	05 37 37.54	+33 17 18.8		A46	C/2002 T7	2003 10 02.78811	05 34 43.78	+33 49 31.2	13.2 N	379
C/2002 T7	2003 09 27.01807	05 37 37.50	+33 17 19.6		A46	C/2002 T7	2003 10 02.78953	05 34 43.70	+33 49 32.4	13.2 N	379
C/2002 T7	2003 09 27.01896	05 37 37.48	+33 17 19.7		A46	C/2002 T7	2003 10 02.79094	05 34 43.63	+33 49 32.5	13.2 N	379
C/2002 T7	2003 09 27.01984	05 37 37.45	+33 17 20.1		A46	C/2002 T7	2003 10 03.04391	05 34 34.37	+33 50 59.6	13.0 N	A33
C/2002 T7	2003 09 27.02162	05 37 37.40	+33 17 20.4		A46	C/2002 T7	2003 10 03.78529	05 34 06.05	+33 55 20.3	13.4 N	379
C/2002 T7	2003 09 27.02251	05 37 37.38	+33 17 21.1		A46	C/2002 T7	2003 10 03.78670	05 34 05.98	+33 55 21.0	13.4 N	379
C/2002 T7	2003 09 27.66007	05 37 21.81	+33 20 46.7		342	C/2002 T7	2003 10 03.78811	05 34 05.83	+33 55 21.6	13.3 N	379
C/2002 T7	2003 09 27.67049	05 37 21.50	+33 20 50.0		342	C/2002 T7	2003 10 03.78953	05 34 05.78	+33 55 22.0	13.4 N	379
C/2002 T7	2003 09 27.76137	05 37 19.16	+33 21 20.7	13.5 N	379	C/2002 T7	2003 10 04.75162	05 33 27.12	+34 01 03.6	13.4 N	379
C/2002 T7	2003 09 27.76286	05 37 19.09	+33 21 21.2	13.6 N	379	C/2002 T7	2003 10 04.75583	05 33 26.99	+34 01 04.2	13.4 N	379
C/2002 T7	2003 09 27.76435	05 37 19.05	+33 21 21.5	13.5 N	379	C/2002 T7	2003 10 04.76005	05 33 26.78	+34 01 06.3	13.2 N	379
C/2002 T7	2003 09 27.76584	05 37 19.07	+33 21 21.7	13.5 N	379	C/2002 T7	2003 10 05.05251	05 33 14.51	+34 02 49.6	13.3 N	213
C/2002 T7	2003 09 28.29491	05 37 05.33	+33 24 13.5	13.1 N	H44	C/2002 T7	2003 10 05.05315	05 33 14.51	+34 02 49.5	13.3 N	213
C/2002 T7	2003 09 28.32701	05 37 04.46	+33 24 24.5	12.9 N	H44	C/2002 T7	2003 10 05.05959	05 33 14.22	+34 02 52.3	13.3 N	213
C/2002 T7	2003 09 28.33027	05 37 04.50	+33 24 25.9	14.2 N	H41	C/2002 T7	2003 10 06.27345	05 32 21.01	+34 10 10.3	14.7 T	750
C/2002 T7	2003 09 28.33516	05 37 04.35	+33 24 27.5	11.7 T	H41	C/2002 T7	2003 10 06.27645	05 32 20.87	+34 10 11.4	14.5 T	750
C/2002 T7	2003 09 28.36541	05 37 03.40	+33 24 37.1	13.0 N	H44	C/2002 T7	2003 10 06.32367	05 32 18.68	+34 10 28.8	14.7 T	750
C/2002 T7	2003 09 28.70966	05 36 54.08	+33 26 30.0	13.4 T	900	C/2002 T7	2003 10 06.36792	05 32 16.94	+34 10 42.6	15.9 T	704
C/2002 T7	2003 09 28.71569	05 36 53.91	+33 26 32.0	13.4 T	900	C/2002 T7	2003 10 06.39480	05 32 15.46	+34 10 59.9	18.2 T	704

2003 OCT. 10

M.P.C. 49745

C/2002 T7	2003 10 06.40782	05 32 14.71	+34 11 04.0	18.7 T	704
C/2002 T7	2003 10 06.42139	05 32 13.45	+34 11 10.4	17.5 T	704
C/2002 T7	2003 10 07.24329	05 31 35.68	+34 16 04.5	14.4 N	750
C/2002 T7	2003 10 07.24863	05 31 35.42	+34 16 06.4	14.4 N	750
C/2002 T7	2003 10 07.25815	05 31 34.96	+34 16 09.9	14.5 N	750

C/2002 V1 (NEAT)

C/2002 V1	2003 01 23.09641	23 32 52.15	+09 01 45.4	10.5 N	3 921
C/2002 V1	2003 09 21.75861	05 22 28.06	-27 01 18.3	18.9 N	E14
C/2002 V1	2003 09 21.77370	05 22 27.62	-27 01 28.4	18.7 N	E14
C/2002 V1	2003 09 21.78847	05 22 27.34	-27 01 37.7	18.7 N	E14

C/2002 V2 (LINEAR)

C/2002 V2	2003 09 26.75082	04 04 00.11	+12 25 58.7	18.2 T	360
C/2002 V2	2003 09 26.75509	04 03 59.96	+12 25 58.1		360
C/2002 V2	2003 09 26.76054	04 03 59.72	+12 25 57.5		360
C/2002 V2	2003 09 28.35784	04 02 54.54	+12 22 23.8	19.6 T	704
C/2002 V2	2003 09 28.37131	04 02 54.02	+12 22 21.7	19.5 T	704
C/2002 V2	2003 09 28.38424	04 02 53.47	+12 22 18.8	19.5 T	704
C/2002 V2	2003 09 28.39688	04 02 53.01	+12 22 18.0	19.4 T	704
C/2002 V2	2003 09 28.40985	04 02 52.34	+12 22 15.4	20.0 T	704
C/2002 V2	2003 09 29.39925	04 02 11.22	+12 20 01.1	18.1 T	699
C/2002 V2	2003 09 29.41336	04 02 10.65	+12 19 59.2		699
C/2002 V2	2003 09 29.42753	04 02 10.07	+12 19 57.5		699
C/2002 V2	2003 09 29.44164	04 02 09.34	+12 19 56.2		699

C/2002 VQ₉₄ (LINEAR)

C/2002 VQ ₉₄	2003 09 10.36331	02 48 25.12	+59 52 11.4	18.1 T	785
C/2002 VQ ₉₄	2003 09 10.38032	02 48 24.65	+59 52 18.1	18.1 T	785
C/2002 VQ ₉₄	2003 09 18.89029	02 44 17.76	+60 42 24.3	18.7 T	215

C/2002 X1 (LINEAR)

C/2002 X1	2003 09 06.08177	05 19 59.55	+11 12 33.3	15.6 T	A32
C/2002 X1	2003 09 06.08402	05 19 59.41	+11 12 31.5		A32
C/2002 X1	2003 09 06.08626	05 19 59.27	+11 12 29.8		A32
C/2002 X1	2003 09 06.09075	05 19 58.96	+11 12 26.6		A32
C/2002 X1	2003 09 08.80125	05 16 46.96	+10 39 39.7	14.9 T	360
C/2002 X1	2003 09 08.80345	05 16 46.77	+10 39 38.1		360
C/2002 X1	2003 09 09.74267	05 15 35.75	+10 27 50.1		349
C/2002 X1	2003 09 09.74565	05 15 35.50	+10 27 48.1		349
C/2002 X1	2003 09 09.74845	05 15 35.20	+10 27 46.2		349
C/2002 X1	2003 09 09.75213	05 15 34.97	+10 27 43.2	15.3 T	349
C/2002 X1	2003 09 12.04630	05 12 30.97	+09 57 55.3	16.2 N	213
C/2002 X1	2003 09 12.04714	05 12 30.89	+09 57 53.6	16.2 N	213
C/2002 X1	2003 09 12.05197	05 12 30.44	+09 57 50.9	16.2 N	213
C/2002 X1	2003 09 13.10896	05 11 00.62	+09 43 37.8	16.0 N	939
C/2002 X1	2003 09 13.11375	05 11 00.18	+09 43 33.8	16.0 N	939
C/2002 X1	2003 09 13.11858	05 10 59.76	+09 43 29.8	16.0 N	939
C/2002 X1	2003 09 13.70841	05 10 08.22	+09 35 25.5		349
C/2002 X1	2003 09 13.71065	05 10 07.98	+09 35 23.3		349
C/2002 X1	2003 09 13.71288	05 10 07.78	+09 35 21.4		349
C/2002 X1	2003 09 13.71512	05 10 07.58	+09 35 19.8	14.9 T	349
C/2002 X1	2003 09 13.73571	05 10 05.82	+09 35 04.4	15.3 T	300
C/2002 X1	2003 09 13.74144	05 10 05.26	+09 34 58.7		300
C/2002 X1	2003 09 13.74718	05 10 04.77	+09 34 54.1		300

C/2002 X1	2003 09 14.07669	05 09 35.39	+09 30 19.2	16.2 N	A18
C/2002 X1	2003 09 14.09972	05 09 33.31	+09 30 00.8	16.2 N	A18
C/2002 X1	2003 09 18.35321	05 02 44.10	+08 28 18.6	15.0 T	H41
C/2002 X1	2003 09 18.35844	05 02 43.56	+08 28 13.5	15.1 T	H41
C/2002 X1	2003 09 18.75851	05 02 02.06	+08 22 07.7		349
C/2002 X1	2003 09 18.76075	05 02 01.83	+08 22 05.3		349
C/2002 X1	2003 09 18.76300	05 02 01.62	+08 22 03.5		349
C/2002 X1	2003 09 18.76747	05 02 01.12	+08 21 59.0	15.1 T	349
C/2002 X1	2003 09 19.10905	05 01 25.19	+08 16 44.0		048
C/2002 X1	2003 09 19.10985	05 01 25.12	+08 16 42.9		048
C/2002 X1	2003 09 19.11062	05 01 25.08	+08 16 42.2		048
C/2002 X1	2003 09 19.11218	05 01 24.89	+08 16 40.4		048
C/2002 X1	2003 09 19.11368	05 01 24.71	+08 16 38.4		048
C/2002 X1	2003 09 20.09516	04 59 39.53	+08 01 24.4	15.2 N	939
C/2002 X1	2003 09 20.10034	04 59 39.00	+08 01 20.1	15.3 N	939
C/2002 X1	2003 09 20.10566	04 59 38.45	+08 01 16.2	15.3 N	939
C/2002 X1	2003 09 20.41912	04 59 04.08	+07 56 18.3	16.5 T	704
C/2002 X1	2003 09 20.43135	04 59 02.48	+07 56 07.0	16.9 T	704
C/2002 X1	2003 09 20.44397	04 59 01.21	+07 55 55.5	16.7 T	704
C/2002 X1	2003 09 20.45615	04 58 59.85	+07 55 44.5	16.6 T	704
C/2002 X1	2003 09 20.46845	04 58 58.50	+07 55 32.4	16.4 T	704
C/2002 X1	2003 09 21.05868	04 57 53.07	+07 46 07.3	15.3 N	A32
C/2002 X1	2003 09 21.06015	04 57 52.92	+07 46 05.8	15.2 N	A32
C/2002 X1	2003 09 21.06162	04 57 52.73	+07 46 04.6	15.1 N	A32
C/2002 X1	2003 09 21.06309	04 57 52.55	+07 46 03.0	15.2 N	A32
C/2002 X1	2003 09 21.06456	04 57 52.42	+07 46 01.9	15.2 N	A32
C/2002 X1	2003 09 21.09980	04 57 48.45	+07 45 27.8		048
C/2002 X1	2003 09 21.10057	04 57 48.35	+07 45 27.1		048
C/2002 X1	2003 09 21.10287	04 57 48.09	+07 45 24.8		048
C/2002 X1	2003 09 21.10441	04 57 47.95	+07 45 23.5		048
C/2002 X1	2003 09 21.10516	04 57 47.83	+07 45 22.8		048
C/2002 X1	2003 09 21.10712	04 57 47.73	+07 45 21.6	15.4 N	212
C/2002 X1	2003 09 21.10990	04 57 47.40	+07 45 18.8	15.4 N	212
C/2002 X1	2003 09 21.11089	04 57 47.21	+07 45 18.0	15.5 T	232
C/2002 X1	2003 09 21.11285	04 57 47.08	+07 45 15.9	15.4 N	212
C/2002 X1	2003 09 21.11656	04 57 46.68	+07 45 12.2	15.5 N	212
C/2002 X1	2003 09 21.11868	04 57 46.33	+07 45 10.3	15.4 T	232
C/2002 X1	2003 09 21.12025	04 57 46.26	+07 45 08.4	15.5 N	212
C/2002 X1	2003 09 21.12770	04 57 45.35	+07 45 00.9	15.5 T	232
C/2002 X1	2003 09 21.12970	04 57 45.06	+07 44 59.4	15.5 N	A18
C/2002 X1	2003 09 21.15080	04 57 42.64	+07 44 39.2	15.4 N	A18
C/2002 X1	2003 09 21.34973	04 57 20.38	+07 41 27.9	16.5 T	704
C/2002 X1	2003 09 21.36184	04 57 18.94	+07 41 16.0	16.5 T	704
C/2002 X1	2003 09 21.37468	04 57 17.43	+07 41 03.6	16.7 T	704
C/2002 X1	2003 09 21.38680	04 57 16.12	+07 40 52.2	16.6 T	704
C/2002 X1	2003 09 21.39905	04 57 14.71	+07 40 40.4	16.6 T	704
C/2002 X1	2003 09 22.08723	04 55 55.84	+07 29 28.5		048
C/2002 X1	2003 09 22.08875	04 55 55.71	+07 29 27.6		048
C/2002 X1	2003 09 22.09102	04 55 55.39	+07 29 25.4		048
C/2002 X1	2003 09 22.09255	04 55 55.24	+07 29 23.9		048
C/2002 X1	2003 09 22.09407	04 55 55.04	+07 29 21.9		048
C/2002 X1	2003 09 22.78135	04 54 34.63	+07 18 04.8		349
C/2002 X1	2003 09 22.78359	04 54 34.38	+07 18 02.4		349

C/2002 X1	2003 09 22.78545	04 54 34.15	+07 18 00.8		349
C/2002 X1	2003 09 22.79009	04 54 33.59	+07 17 55.6	15.0 T	349
C/2002 X1	2003 09 23.04378	04 54 03.47	+07 13 41.8	15.8 N	166
C/2002 X1	2003 09 23.04572	04 54 03.26	+07 13 40.1	16.0 N	166
C/2002 X1	2003 09 23.04770	04 54 03.08	+07 13 38.2	15.5 N	166
C/2002 X1	2003 09 23.04966	04 54 02.84	+07 13 35.9	15.8 N	166
C/2002 X1	2003 09 25.10547	04 49 50.28	+06 38 40.4	15.5 N	235
C/2002 X1	2003 09 25.38561	04 49 14.60	+06 33 48.6	14.6 T	H41
C/2002 X1	2003 09 25.38919	04 49 14.16	+06 33 44.9	14.6 T	H41
C/2002 X1	2003 09 26.33084	04 47 12.33	+06 17 11.8	16.3 N	H41
C/2002 X1	2003 09 26.33823	04 47 11.39	+06 17 02.9	14.7 T	H41
C/2002 X1	2003 09 27.73993	04 44 03.82	+05 51 51.3		342
C/2002 X1	2003 09 27.75035	04 44 02.41	+05 51 40.0		342
C/2002 X1	2003 09 28.32220	04 42 43.80	+05 41 12.5	16.4 N	H41
C/2002 X1	2003 09 28.32663	04 42 43.18	+05 41 07.7	14.9 T	H41
C/2002 X1	2003 09 28.71873	04 41 48.46	+05 33 52.9	16.3 T	900
C/2002 X1	2003 09 28.72476	04 41 47.63	+05 33 46.1	16.1 T	900
C/2002 X1	2003 09 30.65978	04 37 09.41	+04 57 17.6		340
C/2002 X1	2003 09 30.66232	04 37 09.04	+04 57 14.2		340
C/2002 X1	2003 09 30.66443	04 37 08.75	+04 57 12.4	14.8 T	340
C/2002 X1	2003 09 30.75263	04 36 55.68	+04 55 30.7	14.8 T	360
C/2002 X1	2003 09 30.75497	04 36 55.33	+04 55 27.8		360
C/2002 X1	2003 10 02.36080	04 32 52.98	+04 24 13.7	15.7 N	H41
C/2002 X1	2003 10 02.36441	04 32 52.38	+04 24 09.7	14.9 T	H41
C/2002 X1	2003 10 05.06645	04 25 42.43	+03 29 47.5	15.8 N	213
C/2002 X1	2003 10 05.06744	04 25 42.31	+03 29 45.2	15.8 N	213
C/2002 X1	2003 10 05.06819	04 25 42.12	+03 29 44.4	15.8 N	213

C/2002 Y1 (Juels-Holvorcem)

C/2002 Y1	2003 09 16.06495	07 15 52.22	-82 24 06.5	16.7 T	844
C/2002 Y1	2003 09 16.06736	07 15 52.83	-82 24 08.8	17.0 T	844
C/2002 Y1	2003 09 16.07021	07 15 53.99	-82 24 12.4	17.0 T	844

C/2003 E1 (NEAT)

C/2003 E1	2003 07 17.90281	12 33 15.97	+25 16 04.4	17.4 N	442
-----------	------------------	-------------	-------------	--------	-----

C/2003 F1 (LINEAR)

C/2003 F1	2003 09 10.81510	15 53 33.17	+21 00 32.8	16.7 N	442
C/2003 F1	2003 09 10.81693	15 53 33.14	+21 00 26.9	16.7 N	442
C/2003 F1	2003 09 15.78538	15 56 28.51	+19 34 05.7	17.4 T	215
C/2003 F1	2003 09 18.05970	15 57 53.41	+18 55 24.6	16.9 T	H44
C/2003 F1	2003 09 18.07366	15 57 53.98	+18 55 11.5	17.3 T	H44
C/2003 F1	2003 09 18.80145	15 58 21.64	+18 42 52.8		118
C/2003 F1	2003 09 18.80439	15 58 21.80	+18 42 50.5		118
C/2003 F1	2003 09 18.80644	15 58 21.80	+18 42 48.9	17.7 N	118
C/2003 F1	2003 09 19.03734	15 58 30.44	+18 38 51.8		H72
C/2003 F1	2003 09 19.03931	15 58 30.99	+18 38 53.1		H72

C/2003 G1 (LINEAR)

C/2003 G1	2003 04 27.30144	17 39 02.11	+00 08 49.8	16.6 N	921
C/2003 G1	2003 04 27.30928	17 39 01.89	+00 08 54.1	16.7 N	921
C/2003 G1	2003 04 27.32051	17 39 01.45	+00 08 58.1	16.4 T	921
C/2003 G1	2003 04 27.32282	17 39 01.56	+00 09 04.2	15.9 T	921
C/2003 G1	2003 04 27.33900	17 39 01.40	+00 09 13.7	15.8 T	921
C/2003 G1	2003 04 27.34630	17 39 01.15	+00 09 22.6	16.4 T	921

C/2003 G1	2003 09 05.84990	16 51 21.44	+12 30 01.4	15.7 T	A32
C/2003 G1	2003 09 05.85214	16 51 21.52	+12 30 02.2	15.8 T	A32
C/2003 G1	2003 09 06.80051	16 51 35.64	+12 29 33.0		A46
C/2003 G1	2003 09 06.80278	16 51 35.68	+12 29 33.2		A46
C/2003 G1	2003 09 06.80954	16 51 35.70	+12 29 34.2		A46
C/2003 G1	2003 09 06.81067	16 51 35.72	+12 29 34.9		A46
C/2003 G1	2003 09 06.81179	16 51 35.67	+12 29 35.2		A46
C/2003 G1	2003 09 06.81293	16 51 35.70	+12 29 35.6		A46
C/2003 G1	2003 09 10.82384	16 52 41.85	+12 27 28.3	15.8 N	442
C/2003 G1	2003 09 10.84331	16 52 42.28	+12 27 28.0	16.3 N	442
C/2003 G1	2003 09 10.85840	16 52 42.34	+12 27 27.2	16.1 N	213
C/2003 G1	2003 09 10.85962	16 52 42.59	+12 27 25.5	16.1 N	213
C/2003 G1	2003 09 10.86078	16 52 42.50	+12 27 27.8	16.1 N	213
C/2003 G1	2003 09 12.89547	16 53 20.23	+12 26 20.2	15.8 T	939
C/2003 G1	2003 09 12.90303	16 53 20.41	+12 26 20.1	15.8 T	939
C/2003 G1	2003 09 12.91060	16 53 20.58	+12 26 19.8	15.8 T	939
C/2003 G1	2003 09 14.76523	16 53 57.45	+12 25 15.6		A46
C/2003 G1	2003 09 14.76635	16 53 57.37	+12 25 16.0		A46
C/2003 G1	2003 09 14.77169	16 53 57.50	+12 25 15.1		A46
C/2003 G1	2003 09 14.77395	16 53 57.55	+12 25 15.2		A46
C/2003 G1	2003 09 14.77619	16 53 57.53	+12 25 15.1		A46
C/2003 G1	2003 09 14.77733	16 53 57.54	+12 25 16.0		A46
C/2003 G1	2003 09 14.84551	16 53 58.94	+12 25 13.5	16.4 N	A18
C/2003 G1	2003 09 14.88689	16 53 59.61	+12 25 11.7	16.3 N	A18
C/2003 G1	2003 09 17.08524	16 54 46.47	+12 23 57.6	15.8 T	H41
C/2003 G1	2003 09 17.08819	16 54 46.44	+12 23 56.9	15.8 T	H41
C/2003 G1	2003 09 17.77378	16 55 01.61	+12 23 33.8		A46
C/2003 G1	2003 09 17.77603	16 55 01.63	+12 23 33.3		A46
C/2003 G1	2003 09 17.78166	16 55 01.88	+12 23 30.5		A46
C/2003 G1	2003 09 17.78391	16 55 01.84	+12 23 29.9		A46
C/2003 G1	2003 09 17.78505	16 55 01.90	+12 23 31.0		A46
C/2003 G1	2003 09 17.78617	16 55 02.03	+12 23 30.8		A46
C/2003 G1	2003 09 18.06745	16 55 08.22	+12 23 23.4	16.1 T	H44
C/2003 G1	2003 09 18.09417	16 55 08.77	+12 23 22.6	16.2 T	H44
C/2003 G1	2003 09 18.81199	16 55 25.16	+12 22 56.3	16.0 T	215
C/2003 G1	2003 09 18.81250	16 55 25.18	+12 22 56.2	15.7 T	215
C/2003 G1	2003 09 18.81289	16 55 25.15	+12 22 56.7	16.4 T	215
C/2003 G1	2003 09 18.82513	16 55 25.44	+12 22 56.2	17.0 N	A18
C/2003 G1	2003 09 18.83723	16 55 25.72	+12 22 56.3	16.5 N	166
C/2003 G1	2003 09 18.84472	16 55 25.87	+12 22 55.8	16.5 N	166
C/2003 G1	2003 09 18.84697	16 55 25.95	+12 22 55.3	16.2 N	166
C/2003 G1	2003 09 18.88771	16 55 27.09	+12 22 51.5	16.6 N	A18
C/2003 G1	2003 09 19.03008	16 55 30.10	+12 22 49.4		H72
C/2003 G1	2003 09 19.03270	16 55 30.22	+12 22 49.2	17.6 T	H72
C/2003 G1	2003 09 19.03528	16 55 30.29	+12 22 49.2	17.3 T	H72
C/2003 G1	2003 09 19.83113	16 55 48.90	+12 22 23.1	16.4 N	939
C/2003 G1	2003 09 19.83593	16 55 49.02	+12 22 22.6	16.3 N	939
C/2003 G1	2003 09 19.83620	16 55 48.96	+12 22 22.2	16.3 N	213
C/2003 G1	2003 09 19.83741	16 55 49.00	+12 22 21.2	16.3 N	213
C/2003 G1	2003 09 19.83911	16 55 49.03	+12 22 21.3	16.3 N	213
C/2003 G1	2003 09 19.84078	16 55 49.16	+12 22 22.4	16.4 N	939
C/2003 G1	2003 09 20.81778	16 56 12.45	+12 21 49.0	16.5 N	A18
C/2003 G1	2003 09 20.82900	16 56 12.71	+12 21 48.4	16.3 T	232

C/2003 G1	2003 09 20.83671	16 56 12.92	+12 21 47.8	16.3 T	232
C/2003 G1	2003 09 20.84443	16 56 13.12	+12 21 46.5	16.3 T	232
C/2003 G1	2003 09 20.86095	16 56 13.52	+12 21 47.6	16.6 N	A18
C/2003 G1	2003 09 20.87973	16 56 14.00	+12 21 46.2	16.0 T	A32
C/2003 G1	2003 09 20.89444	16 56 14.36	+12 21 45.7	16.1 T	A32
C/2003 G1	2003 09 20.90914	16 56 14.75	+12 21 45.0	16.1 T	A32
C/2003 G1	2003 09 21.08688	16 56 18.98	+12 21 40.5	16.7 N	H44
C/2003 G1	2003 09 21.14005	16 56 20.23	+12 21 37.0	18.2 T	704
C/2003 G1	2003 09 21.16456	16 56 20.89	+12 21 37.7	17.9 T	704
C/2003 G1	2003 09 21.17649	16 56 21.37	+12 21 36.0	18.0 T	704
C/2003 G1	2003 09 21.75921	16 56 35.58	+12 21 16.0		A46
C/2003 G1	2003 09 21.76034	16 56 35.66	+12 21 17.0		A46
C/2003 G1	2003 09 21.76258	16 56 35.73	+12 21 16.8		A46
C/2003 G1	2003 09 21.76370	16 56 35.71	+12 21 17.5		A46
C/2003 G1	2003 09 23.08726	16 57 08.95	+12 20 33.8	15.9 N	H44
C/2003 G1	2003 09 24.81889	16 57 54.08	+12 19 37.8		A46
C/2003 G1	2003 09 24.82115	16 57 54.18	+12 19 37.6		A46
C/2003 G1	2003 09 24.82228	16 57 54.20	+12 19 37.3		A46
C/2003 G1	2003 09 24.82340	16 57 54.25	+12 19 37.4		A46
C/2003 G1	2003 09 24.82566	16 57 54.32	+12 19 37.5		A46
C/2003 G1	2003 09 24.82679	16 57 54.34	+12 19 37.4		A46
C/2003 G1	2003 09 25.77308	16 58 19.72	+12 19 08.6	16.2 N	235
C/2003 G1	2003 09 26.78612	16 58 47.52	+12 18 37.5		118
C/2003 G1	2003 09 26.79300	16 58 47.76	+12 18 37.8		118
C/2003 G1	2003 09 26.79513	16 58 47.83	+12 18 38.2	16.5 N	118
C/2003 G1	2003 09 27.09903	16 58 56.20	+12 18 29.2	17.1 N	H41
C/2003 G1	2003 09 27.10653	16 58 56.44	+12 18 29.5	15.7 T	H41
C/2003 G1	2003 09 28.13111	16 59 25.25	+12 17 57.2	16.5 N	H41
C/2003 G1	2003 09 28.13370	16 59 25.37	+12 17 58.8	16.4 N	H41
C/2003 G1	2003 10 04.79961	17 02 47.45	+12 15 19.2		232
C/2003 G1	2003 10 04.80728	17 02 47.49	+12 15 21.9		232

C/2003 G2 (LINEAR)

C/2003 G2	2003 05 26.38059	09 25 57.99	-26 22 07.0	19.6 N	428
-----------	------------------	-------------	-------------	--------	-----

C/2003 H1 (LINEAR)

C/2003 H1	2003 09 05.83838	14 42 38.36	+08 04 50.0	15.1 N	A32
C/2003 H1	2003 09 05.84063	14 42 38.26	+08 04 48.2	15.0 N	A32
C/2003 H1	2003 09 05.84287	14 42 38.15	+08 04 47.0	15.2 N	A32
C/2003 H1	2003 09 06.78197	14 42 20.17	+07 52 34.8		A46
C/2003 H1	2003 09 06.78309	14 42 20.24	+07 52 34.6		A46
C/2003 H1	2003 09 06.78531	14 42 20.20	+07 52 32.4		A46
C/2003 H1	2003 09 06.78644	14 42 20.20	+07 52 30.4		A46
C/2003 H1	2003 09 06.78866	14 42 20.11	+07 52 29.0		A46
C/2003 H1	2003 09 06.79089	14 42 20.07	+07 52 27.1		A46
C/2003 H1	2003 09 10.79309	14 41 13.82	+07 01 06.1	14.9 N	442
C/2003 H1	2003 09 10.79382	14 41 13.63	+07 01 05.8	15.0 N	442
C/2003 H1	2003 09 13.42334	14 40 38.63	+06 27 49.8		349
C/2003 H1	2003 09 13.42483	14 40 38.71	+06 27 48.8	15.5 T	349
C/2003 H1	2003 09 13.42916	14 40 38.68	+06 27 45.3		349

C/2003 H3 (NEAT)

C/2003 H3	2003 09 05.90961	18 52 28.61	+11 02 33.3	16.6 T	A32
C/2003 H3	2003 09 10.89300	18 53 16.31	+11 05 54.2		442

C/2003 H3	2003 09 10.91223	18 53 16.96	+11 05 55.2	15.6 N	442
C/2003 H3	2003 09 13.86731	18 53 59.63	+11 07 07.2	16.7 N	A18
C/2003 H3	2003 09 13.91147	18 54 00.39	+11 07 09.0	16.2 N	A18
C/2003 H3	2003 09 14.85743	18 54 16.19	+11 07 24.8	16.9 N	A18
C/2003 H3	2003 09 14.89457	18 54 16.87	+11 07 25.6	17.3 N	A18
C/2003 H3	2003 09 17.13003	18 54 58.35	+11 07 54.7	17.0 T	H41
C/2003 H3	2003 09 17.13987	18 54 58.55	+11 07 54.3	17.0 T	H41
C/2003 H3	2003 09 18.10531	18 55 18.34	+11 08 03.3	16.6 T	H44
C/2003 H3	2003 09 18.12499	18 55 18.72	+11 08 03.2	16.4 T	H44
C/2003 H3	2003 09 18.84038	18 55 34.06	+11 08 07.0	15.7 N	A18
C/2003 H3	2003 09 18.90161	18 55 35.41	+11 08 06.9		A18
C/2003 H3	2003 09 20.11665	18 56 02.70	+11 08 14.0	18.0 T	704
C/2003 H3	2003 09 20.12936	18 56 02.99	+11 08 14.0	18.1 T	704
C/2003 H3	2003 09 20.14177	18 56 03.27	+11 08 14.5	18.0 T	704
C/2003 H3	2003 09 20.15434	18 56 03.58	+11 08 14.5	18.0 T	704
C/2003 H3	2003 09 20.16705	18 56 03.90	+11 08 14.1	18.0 T	704
C/2003 H3	2003 09 20.77781	18 56 18.34	+11 08 16.0		048
C/2003 H3	2003 09 20.78363	18 56 18.47	+11 08 15.6		048
C/2003 H3	2003 09 20.78654	18 56 18.54	+11 08 15.9		048
C/2003 H3	2003 09 20.79235	18 56 18.60	+11 08 15.9		048
C/2003 H3	2003 09 20.80544	18 56 18.91	+11 08 16.4		048
C/2003 H3	2003 09 20.83066	18 56 19.51	+11 08 16.1	16.8 N	A18
C/2003 H3	2003 09 20.84363	18 56 19.80	+11 08 15.5	16.2 T	A32
C/2003 H3	2003 09 20.85550	18 56 20.19	+11 08 16.0	16.2 T	A32
C/2003 H3	2003 09 20.86735	18 56 20.39	+11 08 16.8	16.1 T	A32
C/2003 H3	2003 09 20.87433	18 56 20.48	+11 08 15.0	16.6 N	A18
C/2003 H3	2003 09 21.13516	18 56 26.87	+11 08 17.2	16.0 N	H44
C/2003 H3	2003 09 23.20700	18 57 19.40	+11 08 20.8	17.7 N	H41
C/2003 H3	2003 09 25.13427	18 58 12.39	+11 08 11.8	16.7 N	H44
C/2003 H3	2003 09 25.85484	18 58 33.24	+11 08 08.9	17.3 T	A41
C/2003 H3	2003 09 25.88563	18 58 34.17	+11 08 09.4	20.3 T	A41
C/2003 H3	2003 09 25.90200	18 58 34.63	+11 08 10.2	18.2 T	A41
C/2003 H3	2003 09 27.11194	18 59 10.81	+11 08 05.0	17.2 N	H41
C/2003 H3	2003 09 27.11667	18 59 11.01	+11 08 04.6	17.2 N	H41
C/2003 H3	2003 09 28.45648	18 59 52.88	+11 07 59.9		349
C/2003 H3	2003 09 28.46322	18 59 52.99	+11 07 59.2		349
C/2003 H3	2003 09 28.47868	18 59 53.48	+11 07 59.4		349
C/2003 H3	2003 09 28.48287	18 59 53.70	+11 07 58.7	16.3 T	349
C/2003 H3	2003 09 28.49625	18 59 54.16	+11 07 58.4	17.7 T	900
C/2003 H3	2003 09 28.50066	18 59 54.23	+11 07 57.6	18.1 T	900
C/2003 H3	2003 10 01.48201	19 01 33.81	+11 07 44.2	16.3 T	360
C/2003 H3	2003 10 01.48470	19 01 33.90	+11 07 44.1		360
C/2003 H3	2003 10 02.10977	19 01 55.93	+11 07 41.6		H44
C/2003 H3	2003 10 02.13120	19 01 56.60	+11 07 41.1		H44

P/2003 HT₁₅ (LINEAR)

P/2003 HT ₁₅	2003 07 10.87726	14 11 03.15	+05 11 19.1		2 204
P/2003 HT ₁₅	2003 07 10.88338	14 11 03.15	+05 11 13.7	19.7 N	2 204
P/2003 HT ₁₅	2003 07 10.89201	14 11 03.35	+05 11 09.1		2 204

C/2003 J1 (NEAT)

C/2003 J1	2003 09 03.53696	19 43 41.28	-34 49 44.1	17.9 N	E14
C/2003 J1	2003 09 03.54058	19 43 41.30	-34 49 44.1	18.4 N	E14
C/2003 J1	2003 09 03.54419	19 43 41.08	-34 49 47.7	17.6 N	E14

P/2003 K2 (Christensen)
P/2003 K2 2003 07 02.12132 11 02 07.01 +15 39 22.0 18.1 T H41
P/2003 K2 2003 07 02.12490 11 02 07.54 +15 39 17.3 17.9 T H41

C/2003 K4 (LINEAR)
C/2003 K4 2003 09 05.92576 19 41 25.73 +29 31 49.2 15.2 T A32
C/2003 K4 2003 09 05.92803 19 41 25.59 +29 31 47.5 15.1 T A32
C/2003 K4 2003 09 05.93030 19 41 25.50 +29 31 46.4 15.2 T A32
C/2003 K4 2003 09 05.93257 19 41 25.37 +29 31 45.8 15.2 T A32
C/2003 K4 2003 09 06.87736 19 40 31.09 +29 24 00.0 A46
C/2003 K4 2003 09 06.87858 19 40 30.97 +29 23 59.4 A46
C/2003 K4 2003 09 06.87973 19 40 30.89 +29 23 59.0 A46
C/2003 K4 2003 09 06.88208 19 40 30.72 +29 23 57.4 A46
C/2003 K4 2003 09 06.88444 19 40 30.54 +29 23 56.1 A46
C/2003 K4 2003 09 06.88558 19 40 30.53 +29 23 55.0 A46
C/2003 K4 2003 09 09.80362 19 37 47.65 +28 59 18.7 16 T 461
C/2003 K4 2003 09 09.80512 19 37 47.56 +28 59 17.6 461
C/2003 K4 2003 09 09.80664 19 37 47.52 +28 59 17.2 461
C/2003 K4 2003 09 09.80816 19 37 47.42 +28 59 15.9 461
C/2003 K4 2003 09 09.80966 19 37 47.31 +28 59 15.2 461
C/2003 K4 2003 09 10.85027 19 36 51.10 +28 50 14.7 15.4 N 445
C/2003 K4 2003 09 10.85519 19 36 50.84 +28 50 12.5 15.4 N 445
C/2003 K4 2003 09 10.85994 19 36 50.47 +28 50 10.6 15.4 N 442
C/2003 K4 2003 09 10.86455 19 36 50.13 +28 50 05.9 15.4 N 442
C/2003 K4 2003 09 10.89089 19 36 48.96 +28 49 52.7 15.4 N 445
C/2003 K4 2003 09 10.89505 19 36 48.73 +28 49 49.3 15.5 N 445
C/2003 K4 2003 09 10.91999 19 36 47.37 +28 49 38.1 15.7 N 213
C/2003 K4 2003 09 10.92472 19 36 47.16 +28 49 34.0 15.7 N 213
C/2003 K4 2003 09 10.93022 19 36 46.85 +28 49 30.6 15.7 N 213
C/2003 K4 2003 09 12.81854 19 35 07.61 +28 32 53.6 16.1 N A50
C/2003 K4 2003 09 12.82126 19 35 07.44 +28 32 51.9 16.4 N A50
C/2003 K4 2003 09 12.82242 19 35 07.38 +28 32 51.2 16.7 N A50
C/2003 K4 2003 09 12.82359 19 35 07.34 +28 32 50.8 16.1 N A50
C/2003 K4 2003 09 12.82552 19 35 07.22 +28 32 49.6 16.4 N A50
C/2003 K4 2003 09 12.82745 19 35 07.12 +28 32 48.5 16.6 N A50
C/2003 K4 2003 09 12.82823 19 35 07.08 +28 32 48.1 16.7 N A50
C/2003 K4 2003 09 12.82940 19 35 07.06 +28 32 47.5 15.7 N A50
C/2003 K4 2003 09 12.83017 19 35 06.98 +28 32 46.6 16.0 N A50
C/2003 K4 2003 09 12.83094 19 35 06.92 +28 32 46.3 17.0 N A50
C/2003 K4 2003 09 13.44285 19 34 35.58 +28 27 19.0 349
C/2003 K4 2003 09 13.44595 19 34 35.43 +28 27 17.5 349
C/2003 K4 2003 09 13.48159 19 34 33.56 +28 26 57.5 349
C/2003 K4 2003 09 13.48439 19 34 33.41 +28 26 56.0 15.6 T 349
C/2003 K4 2003 09 13.64285 19 34 25.30 +28 25 29.8 15.7 N 347
C/2003 K4 2003 09 13.64915 19 34 24.97 +28 25 26.4 16.9 N 347
C/2003 K4 2003 09 13.85899 19 34 14.36 +28 23 34.2 A18
C/2003 K4 2003 09 13.90161 19 34 12.25 +28 23 11.8 15.8 N A18
C/2003 K4 2003 09 14.51914 19 33 41.10 +28 17 37.4 15 T 300
C/2003 K4 2003 09 14.52647 19 33 40.76 +28 17 33.1 300
C/2003 K4 2003 09 14.53013 19 33 40.46 +28 17 30.9 300
C/2003 K4 2003 09 14.79574 19 33 27.31 +28 15 05.6 048
C/2003 K4 2003 09 14.79867 19 33 27.18 +28 15 03.8 048
C/2003 K4 2003 09 14.82082 19 33 26.05 +28 14 51.0 048

C/2003 K4 2003 09 14.82814 19 33 25.72 +28 14 47.6 048
C/2003 K4 2003 09 14.83108 19 33 25.57 +28 14 46.2 048
C/2003 K4 2003 09 14.86911 19 33 23.50 +28 14 23.3 A18
C/2003 K4 2003 09 14.88726 19 33 22.78 +28 14 16.2 16.1 N 213
C/2003 K4 2003 09 14.89044 19 33 22.62 +28 14 14.4 16.1 N 213
C/2003 K4 2003 09 14.89375 19 33 22.42 +28 14 12.0 A46
C/2003 K4 2003 09 14.89406 19 33 22.42 +28 14 12.6 16.1 N 213
C/2003 K4 2003 09 14.89488 19 33 22.39 +28 14 11.8 A46
C/2003 K4 2003 09 14.89602 19 33 22.33 +28 14 10.9 A46
C/2003 K4 2003 09 14.89715 19 33 22.24 +28 14 09.7 A46
C/2003 K4 2003 09 14.89830 19 33 22.18 +28 14 09.3 A46
C/2003 K4 2003 09 14.89943 19 33 22.12 +28 14 08.5 A46
C/2003 K4 2003 09 14.90655 19 33 21.77 +28 14 04.8 16.0 N A18
C/2003 K4 2003 09 15.79088 19 32 38.27 +28 06 00.6 048
C/2003 K4 2003 09 15.79380 19 32 38.19 +28 05 59.5 048
C/2003 K4 2003 09 16.21020 19 32 17.78 +28 02 10.0 16.6 T H44
C/2003 K4 2003 09 16.79703 19 31 49.65 +27 56 44.9 048
C/2003 K4 2003 09 16.80293 19 31 49.35 +27 56 42.5 048
C/2003 K4 2003 09 16.80589 19 31 49.23 +27 56 41.2 048
C/2003 K4 2003 09 16.80887 19 31 49.13 +27 56 39.1 048
C/2003 K4 2003 09 16.81331 19 31 48.91 +27 56 36.5 048
C/2003 K4 2003 09 16.87885 19 31 45.78 +27 55 59.6 A46
C/2003 K4 2003 09 16.87998 19 31 45.72 +27 55 59.2 A46
C/2003 K4 2003 09 16.88111 19 31 45.68 +27 55 58.6 A46
C/2003 K4 2003 09 16.88225 19 31 45.62 +27 55 58.1 A46
C/2003 K4 2003 09 16.88338 19 31 45.56 +27 55 57.1 A46
C/2003 K4 2003 09 16.88451 19 31 45.49 +27 55 56.3 A46
C/2003 K4 2003 09 16.97729 19 31 41.06 +27 55 04.8 16.0 N A03
C/2003 K4 2003 09 16.98451 19 31 40.71 +27 55 01.7 16.0 N A03
C/2003 K4 2003 09 17.88928 19 30 58.09 +27 46 36.7 A46
C/2003 K4 2003 09 17.89155 19 30 57.89 +27 46 34.9 A46
C/2003 K4 2003 09 17.89269 19 30 57.80 +27 46 34.4 A46
C/2003 K4 2003 09 18.11325 19 30 47.65 +27 44 32.8 15.6 T H44
C/2003 K4 2003 09 18.79736 19 30 16.13 +27 38 07.5 048
C/2003 K4 2003 09 18.80028 19 30 15.99 +27 38 05.6 048
C/2003 K4 2003 09 18.80318 19 30 15.84 +27 38 04.2 048
C/2003 K4 2003 09 18.81346 19 30 15.32 +27 37 58.1 048
C/2003 K4 2003 09 18.81637 19 30 15.21 +27 37 56.7 048
C/2003 K4 2003 09 18.85872 19 30 13.35 +27 37 32.5 A18
C/2003 K4 2003 09 18.88524 19 30 12.08 +27 37 17.8 A46
C/2003 K4 2003 09 18.88638 19 30 12.01 +27 37 16.9 A46
C/2003 K4 2003 09 18.88751 19 30 11.94 +27 37 16.4 A46
C/2003 K4 2003 09 18.88865 19 30 11.88 +27 37 15.7 A46
C/2003 K4 2003 09 18.88978 19 30 11.83 +27 37 15.1 A46
C/2003 K4 2003 09 18.89091 19 30 11.78 +27 37 14.5 A46
C/2003 K4 2003 09 18.91301 19 30 10.82 +27 37 02.4 15.9 N A18
C/2003 K4 2003 09 19.51966 19 29 43.23 +27 31 20.6 15.7 T 360
C/2003 K4 2003 09 19.52405 19 29 43.02 +27 31 17.9 360
C/2003 K4 2003 09 19.85723 19 29 28.15 +27 28 08.8 15.9 N 442
C/2003 K4 2003 09 19.86067 19 29 28.03 +27 28 07.6 15.9 N 442
C/2003 K4 2003 09 19.86374 19 29 27.92 +27 28 05.9 15.9 N 442
C/2003 K4 2003 09 19.88332 19 29 26.91 +27 27 53.3 A46
C/2003 K4 2003 09 19.88741 19 29 26.82 +27 27 52.2 15.8 N A03

2003 OCT. 10

M.P.C. 49749

C/2003 K4	2003 09 19.88786	19 29 26.74	+27 27 51.0		A46
C/2003 K4	2003 09 19.88899	19 29 26.66	+27 27 50.4		A46
C/2003 K4	2003 09 19.89013	19 29 26.64	+27 27 49.8		A46
C/2003 K4	2003 09 19.89098	19 29 26.75	+27 27 50.4	15.8 N	A03
C/2003 K4	2003 09 19.89126	19 29 26.56	+27 27 49.2		A46
C/2003 K4	2003 09 19.89238	19 29 26.56	+27 27 48.4		A46
C/2003 K4	2003 09 20.81115	19 28 45.98	+27 19 06.2		048
C/2003 K4	2003 09 20.81404	19 28 45.79	+27 19 04.1		048
C/2003 K4	2003 09 20.86123	19 28 43.79	+27 18 37.3		048
C/2003 K4	2003 09 20.86416	19 28 43.69	+27 18 35.8		048
C/2003 K4	2003 09 20.86711	19 28 43.53	+27 18 33.5		048
C/2003 K4	2003 09 20.88764	19 28 42.69	+27 18 22.7	15.6 N	A18
C/2003 K4	2003 09 20.89189	19 28 42.45	+27 18 20.2	15.6 N	A18
C/2003 K4	2003 09 20.89734	19 28 42.29	+27 18 17.8	15.9 T	504
C/2003 K4	2003 09 20.89891	19 28 42.16	+27 18 17.1	15.6 T	504
C/2003 K4	2003 09 20.90288	19 28 42.04	+27 18 13.9	15.7 T	504
C/2003 K4	2003 09 20.90465	19 28 41.88	+27 18 13.3	15.8 T	504
C/2003 K4	2003 09 20.91939	19 28 41.27	+27 18 05.1		504
C/2003 K4	2003 09 20.92029	19 28 41.24	+27 18 04.3		504
C/2003 K4	2003 09 20.92206	19 28 41.15	+27 18 03.3		504
C/2003 K4	2003 09 20.92295	19 28 41.12	+27 18 01.9		504
C/2003 K4	2003 09 21.00950	19 28 37.38	+27 17 13.0	15.6 T	A32
C/2003 K4	2003 09 21.01098	19 28 37.34	+27 17 11.8	15.7 T	A32
C/2003 K4	2003 09 21.01245	19 28 37.26	+27 17 11.3	15.7 T	A32
C/2003 K4	2003 09 21.02101	19 28 36.82	+27 17 07.0	15.1 N	212
C/2003 K4	2003 09 21.02488	19 28 36.68	+27 17 04.9	15.0 N	212
C/2003 K4	2003 09 21.02905	19 28 36.54	+27 17 02.6	15.0 N	212
C/2003 K4	2003 09 21.09602	19 28 33.63	+27 16 24.0	15.5 N	H44
C/2003 K4	2003 09 21.18137	19 28 30.05	+27 15 37.5	15.5 N	H44
C/2003 K4	2003 09 21.80053	19 28 03.26	+27 09 39.5		048
C/2003 K4	2003 09 21.80345	19 28 03.16	+27 09 38.6		048
C/2003 K4	2003 09 21.81648	19 28 02.56	+27 09 31.3		048
C/2003 K4	2003 09 21.82950	19 28 02.01	+27 09 24.1		048
C/2003 K4	2003 09 21.83095	19 28 01.90	+27 09 22.6		048
C/2003 K4	2003 09 21.90584	19 27 58.75	+27 08 39.7		A46
C/2003 K4	2003 09 21.90924	19 27 58.59	+27 08 37.7		A46
C/2003 K4	2003 09 21.91037	19 27 58.54	+27 08 37.2		A46
C/2003 K4	2003 09 21.91150	19 27 58.51	+27 08 36.6		A46
C/2003 K4	2003 09 21.91264	19 27 58.45	+27 08 36.0		A46
C/2003 K4	2003 09 21.91377	19 27 58.41	+27 08 35.5		A46
C/2003 K4	2003 09 22.53352	19 27 32.32	+27 02 39.2		340
C/2003 K4	2003 09 22.53745	19 27 32.13	+27 02 36.9		340
C/2003 K4	2003 09 22.54181	19 27 31.94	+27 02 34.6		340
C/2003 K4	2003 09 22.54442	19 27 31.82	+27 02 32.7	16.5 T	340
C/2003 K4	2003 09 22.57027	19 27 30.74	+27 02 18.8	16.0 T	900
C/2003 K4	2003 09 22.58381	19 27 30.23	+27 02 10.2	16.4 T	900
C/2003 K4	2003 09 23.09692	19 27 08.84	+26 57 15.5	16.1 N	H44
C/2003 K4	2003 09 23.11353	19 27 08.15	+26 57 05.8	15.8 N	H44
C/2003 K4	2003 09 23.19485	19 27 04.76	+26 56 18.6	15.0 T	H41
C/2003 K4	2003 09 23.19961	19 27 04.56	+26 56 15.9	15.1 T	H41
C/2003 K4	2003 09 24.89347	19 25 56.39	+26 39 52.9		A46
C/2003 K4	2003 09 24.89466	19 25 56.32	+26 39 51.9		A46
C/2003 K4	2003 09 24.89579	19 25 56.26	+26 39 51.2		A46

C/2003 K4	2003 09 24.89806	19 25 56.16	+26 39 49.7		A46
C/2003 K4	2003 09 24.89921	19 25 56.12	+26 39 48.7		A46
C/2003 K4	2003 09 24.90035	19 25 56.07	+26 39 48.2		A46
C/2003 K4	2003 09 25.10826	19 25 47.88	+26 37 49.2	15.9 N	H44
C/2003 K4	2003 09 25.17009	19 25 45.47	+26 37 12.9	15.9 N	H44
C/2003 K4	2003 09 25.85694	19 25 18.88	+26 30 32.8	17.5 T	A41
C/2003 K4	2003 09 25.88773	19 25 17.70	+26 30 13.9	15.6 T	A41
C/2003 K4	2003 09 25.90405	19 25 17.03	+26 30 04.7	15.6 T	A41
C/2003 K4	2003 09 26.82981	19 24 42.05	+26 21 03.4		A46
C/2003 K4	2003 09 26.83094	19 24 42.00	+26 21 03.0		A46
C/2003 K4	2003 09 26.83319	19 24 41.90	+26 21 01.7		A46
C/2003 K4	2003 09 26.83544	19 24 41.84	+26 20 59.9		A46
C/2003 K4	2003 09 26.83656	19 24 41.78	+26 20 59.2		A46
C/2003 K4	2003 09 26.83769	19 24 41.76	+26 20 58.6		A46
C/2003 K4	2003 09 27.12214	19 24 31.00	+26 18 13.5	15.7 T	H41
C/2003 K4	2003 09 27.12782	19 24 30.83	+26 18 09.8	15.7 T	H41
C/2003 K4	2003 09 27.14431	19 24 30.26	+26 17 59.8	14.7 N	H44
C/2003 K4	2003 09 27.50345	19 24 17.04	+26 14 29.8		340
C/2003 K4	2003 09 27.50558	19 24 17.02	+26 14 28.3		340
C/2003 K4	2003 09 27.50801	19 24 16.92	+26 14 27.1	15.9 T	340
C/2003 K4	2003 09 28.16269	19 23 53.06	+26 08 02.4	16.1 N	H41
C/2003 K4	2003 09 28.16718	19 23 52.90	+26 07 59.7	16.1 N	H41
C/2003 K4	2003 09 28.49538	19 23 41.28	+26 04 46.4		349
C/2003 K4	2003 09 28.49955	19 23 41.13	+26 04 44.4		349
C/2003 K4	2003 09 28.50247	19 23 41.00	+26 04 42.2		349
C/2003 K4	2003 09 28.50538	19 23 40.87	+26 04 40.6	15.6 T	349
C/2003 K4	2003 09 29.17978	19 23 17.04	+25 58 01.1	16.6 N	785
C/2003 K4	2003 09 30.89196	19 22 19.13	+25 41 15.4		A46
C/2003 K4	2003 09 30.89308	19 22 19.05	+25 41 14.6		A46
C/2003 K4	2003 09 30.89421	19 22 19.00	+25 41 13.4		A46
C/2003 K4	2003 09 30.89534	19 22 18.96	+25 41 12.8		A46
C/2003 K4	2003 09 30.89646	19 22 18.93	+25 41 12.3		A46
C/2003 K4	2003 09 30.89873	19 22 18.82	+25 41 11.8		A46
C/2003 K4	2003 10 01.49049	19 21 59.51	+25 35 22.0	15.5 T	360
C/2003 K4	2003 10 01.49280	19 21 59.44	+25 35 20.6		360
C/2003 K4	2003 10 02.10400	19 21 39.74	+25 29 19.1		H44
C/2003 K4	2003 10 02.11329	19 21 39.56	+25 29 15.1	16.1 T	750
C/2003 K4	2003 10 02.12091	19 21 39.33	+25 29 09.2	16.5 T	750
C/2003 K4	2003 10 02.12275	19 21 39.26	+25 29 08.4		H44
C/2003 K4	2003 10 02.12583	19 21 39.17	+25 29 06.4	16.6 T	750
C/2003 K4	2003 10 02.85966	19 21 16.23	+25 21 52.6	15.4 N	A33
C/2003 K4	2003 10 02.93498	19 21 13.88	+25 21 08.0	15.6 N	A33
C/2003 K4	2003 10 03.18265	19 21 06.29	+25 18 42.3	15.7 T	785
C/2003 K4	2003 10 03.20307	19 21 05.68	+25 18 29.4	15.6 T	785
C/2003 K4	2003 10 03.89759	19 20 44.75	+25 11 40.6	15.3 N	442
C/2003 K4	2003 10 03.90331	19 20 44.49	+25 11 36.6	15.4 N	442
C/2003 K4	2003 10 04.09130	19 20 38.94	+25 09 41.2	16.1 N	785
C/2003 K4	2003 10 04.10853	19 20 38.92	+25 09 40.0	16.1 N	785
C/2003 K4	2003 10 04.89226	19 20 15.59	+25 01 53.1	15.4 T	939
C/2003 K4	2003 10 04.89708	19 20 15.46	+25 01 50.2	15.5 T	939
C/2003 K4	2003 10 04.90194	19 20 15.33	+25 01 47.1	15.5 T	939
C/2003 K4	2003 10 05.16490	19 20 07.85	+24 59 12.0	16.3 T	704
C/2003 K4	2003 10 05.17884	19 20 07.47	+24 59 03.7	16.3 T	704

M.P.C. 49750

2003 OCT. 10

C/2003 K4	2003 10 05.19277	19 20 07.10	+24 58 55.2	16.8 T	704
C/2003 K4	2003 10 05.20647	19 20 06.68	+24 58 47.0	16.4 T	704
C/2003 K4	2003 10 05.22061	19 20 06.41	+24 58 39.0	17.2 T	704
C/2003 K4	2003 10 05.80419	19 19 49.85	+24 52 54.6		170
C/2003 K4	2003 10 05.80676	19 19 49.76	+24 52 52.9		170

P/2003 L1 (Scotti)

P/2003 L1	2003 06 20.52574	14 44 01.96	-14 49 11.1	19.0 T	360
P/2003 L1	2003 06 20.53186	14 44 01.91	-14 49 10.2		360
P/2003 L1	2003 06 20.53630	14 44 01.86	-14 49 09.8		360

C/2003 L2 (LINEAR)

C/2003 L2	2003 09 06.82012	16 31 39.64	+64 24 23.2		A46
C/2003 L2	2003 09 06.82324	16 31 39.62	+64 24 23.7		A46
C/2003 L2	2003 09 06.82626	16 31 39.60	+64 24 22.8		A46
C/2003 L2	2003 09 06.83248	16 31 39.37	+64 24 20.8		A46
C/2003 L2	2003 09 06.83552	16 31 39.28	+64 24 17.7		A46
C/2003 L2	2003 09 09.83657	16 29 32.95	+64 07 41.1	18 N	461
C/2003 L2	2003 09 09.83993	16 29 32.92	+64 07 39.4		461
C/2003 L2	2003 09 09.84322	16 29 32.75	+64 07 38.2		461
C/2003 L2	2003 09 09.84649	16 29 32.71	+64 07 37.2		461
C/2003 L2	2003 09 10.20839	16 29 19.40	+64 05 35.0	17.6 T	785
C/2003 L2	2003 09 10.22235	16 29 18.82	+64 05 30.5	17.5 T	785
C/2003 L2	2003 09 10.88227	16 28 55.74	+64 01 58.9	16.9 N	442
C/2003 L2	2003 09 10.88382	16 28 55.06	+64 01 54.5	16.8 N	442
C/2003 L2	2003 09 11.86845	16 28 22.81	+63 56 29.8	16.8 N	213
C/2003 L2	2003 09 11.87133	16 28 22.69	+63 56 30.7	16.8 N	213
C/2003 L2	2003 09 11.87380	16 28 22.88	+63 56 28.4	16.8 N	213
C/2003 L2	2003 09 12.87112	16 27 52.38	+63 51 01.6	18.6 N	A50
C/2003 L2	2003 09 12.89368	16 27 51.48	+63 50 54.8	18.3 N	A50
C/2003 L2	2003 09 12.90970	16 27 51.27	+63 50 50.1	18.9 N	A50
C/2003 L2	2003 09 13.12628	16 27 45.23	+63 49 42.5	18.6 T	704
C/2003 L2	2003 09 13.13805	16 27 44.83	+63 49 37.7	19.4 T	704
C/2003 L2	2003 09 13.14986	16 27 44.27	+63 49 32.9	19.5 T	704
C/2003 L2	2003 09 13.16154	16 27 44.13	+63 49 29.1	19.4 T	704
C/2003 L2	2003 09 13.17322	16 27 43.85	+63 49 24.1	19.3 T	704
C/2003 L2	2003 09 14.78533	16 27 02.40	+63 40 45.8		A46
C/2003 L2	2003 09 14.78828	16 27 02.45	+63 40 43.0		A46
C/2003 L2	2003 09 14.79122	16 27 02.23	+63 40 43.3		A46
C/2003 L2	2003 09 14.79417	16 27 02.16	+63 40 41.0		A46
C/2003 L2	2003 09 14.79711	16 27 02.23	+63 40 40.5		A46
C/2003 L2	2003 09 14.80006	16 27 02.05	+63 40 40.0		A46
C/2003 L2	2003 09 17.09248	16 26 15.64	+63 28 38.1	17.5 T	H41
C/2003 L2	2003 09 17.09833	16 26 15.74	+63 28 35.0	17.6 T	H41
C/2003 L2	2003 09 17.79382	16 26 04.55	+63 24 57.7		A46
C/2003 L2	2003 09 17.79529	16 26 04.40	+63 24 57.4		A46
C/2003 L2	2003 09 17.79676	16 26 04.48	+63 24 55.9		A46
C/2003 L2	2003 09 17.79971	16 26 04.37	+63 24 55.4		A46
C/2003 L2	2003 09 18.76510	16 25 51.47	+63 19 57.2		A46
C/2003 L2	2003 09 18.76805	16 25 51.32	+63 19 56.8		A46
C/2003 L2	2003 09 18.77099	16 25 51.24	+63 19 56.7		A46
C/2003 L2	2003 09 18.77887	16 25 51.07	+63 19 53.8		A46
C/2003 L2	2003 09 18.78182	16 25 50.97	+63 19 53.6		A46
C/2003 L2	2003 09 18.78477	16 25 50.98	+63 19 52.4		A46

C/2003 L2	2003 09 18.80667	16 25 50.68	+63 19 46.6	17.4 T	215
C/2003 L2	2003 09 19.46181	16 25 43.07	+63 16 28.2	17.3 T	360
C/2003 L2	2003 09 19.46433	16 25 43.07	+63 16 27.4		360
C/2003 L2	2003 09 20.77674	16 25 31.32	+63 09 55.0		118
C/2003 L2	2003 09 20.79223	16 25 31.31	+63 09 50.5		118
C/2003 L2	2003 09 20.79694	16 25 31.24	+63 09 52.2	16.8 T	232
C/2003 L2	2003 09 20.80463	16 25 31.10	+63 09 49.3	16.8 T	232
C/2003 L2	2003 09 20.81231	16 25 31.21	+63 09 44.6	16.8 T	232
C/2003 L2	2003 09 21.77279	16 25 25.60	+63 05 03.2		A46
C/2003 L2	2003 09 21.77720	16 25 25.42	+63 05 02.4		A46
C/2003 L2	2003 09 21.77867	16 25 25.42	+63 05 02.3		A46
C/2003 L2	2003 09 21.78015	16 25 25.35	+63 05 01.4		A46
C/2003 L2	2003 09 21.78162	16 25 25.38	+63 05 01.1		A46
C/2003 L2	2003 09 21.78457	16 25 25.23	+63 05 00.5		A46
C/2003 L2	2003 09 24.84167	16 25 23.31	+62 50 45.0		A46
C/2003 L2	2003 09 24.84461	16 25 23.38	+62 50 43.7		A46
C/2003 L2	2003 09 24.84610	16 25 23.48	+62 50 42.5		A46
C/2003 L2	2003 09 24.84757	16 25 23.34	+62 50 41.7		A46
C/2003 L2	2003 09 24.84905	16 25 23.53	+62 50 41.1		A46
C/2003 L2	2003 09 24.85052	16 25 23.35	+62 50 41.3		A46
C/2003 L2	2003 10 01.44471	16 26 37.53	+62 23 34.6	17.1 T	360
C/2003 L2	2003 10 01.44894	16 26 37.55	+62 23 33.2		360
C/2003 L2	2003 10 01.45300	16 26 37.59	+62 23 32.8		360
C/2003 L2	2003 10 03.85748	16 27 30.21	+62 15 04.6	16.7 N	442
C/2003 L2	2003 10 03.86093	16 27 30.18	+62 15 04.4	16.8 N	442
C/2003 L2	2003 10 03.86157	16 27 30.23	+62 15 05.6	17.1 T	232
C/2003 L2	2003 10 03.86921	16 27 30.64	+62 15 03.9	17.1 T	232
C/2003 L2	2003 10 06.03810	16 28 29.04	+62 08 12.3	17.9 N	785

C/2003 O1 (LINEAR)

C/2003 O1	2003 09 05.26887	18 47 05.35	+36 20 56.2	16.5 T	785
C/2003 O1	2003 09 05.28437	18 47 04.72	+36 20 49.0	16.3 T	785
C/2003 O1	2003 09 09.84880	18 43 56.69	+35 55 18.2	18.1 T	213
C/2003 O1	2003 09 09.85168	18 43 56.53	+35 55 18.4	18.1 T	213
C/2003 O1	2003 09 09.85540	18 43 56.45	+35 55 17.3	18.1 T	213
C/2003 O1	2003 09 10.91392	18 43 15.29	+35 49 14.0	17.4 N	620
C/2003 O1	2003 09 10.92783	18 43 14.77	+35 49 08.1	17.5 N	620
C/2003 O1	2003 09 11.86771	18 42 39.12	+35 43 43.4	18.2 N	620
C/2003 O1	2003 09 11.87775	18 42 38.69	+35 43 39.8	17.3 N	620
C/2003 O1	2003 09 12.84031	18 42 03.19	+35 38 04.3	17.9 N	A50
C/2003 O1	2003 09 12.84675	18 42 02.86	+35 38 01.8	17.4 N	A50
C/2003 O1	2003 09 12.85175	18 42 02.60	+35 37 59.7	18.3 N	A50
C/2003 O1	2003 09 14.84252	18 40 51.45	+35 26 18.2	17.5 N	213
C/2003 O1	2003 09 14.84976	18 40 51.03	+35 26 17.4	17.5 N	213
C/2003 O1	2003 09 14.85894	18 40 50.90	+35 26 13.6	17.5 N	213
C/2003 O1	2003 09 15.79711	18 40 18.50	+35 20 41.5	17.5 T	215
C/2003 O1	2003 09 15.79871	18 40 18.42	+35 20 41.4	17.5 T	215
C/2003 O1	2003 09 15.99836	18 40 11.66	+35 19 29.8	18.0 N	A03
C/2003 O1	2003 09 17.10688	18 39 34.43	+35 12 55.9	17.8 T	H41
C/2003 O1	2003 09 17.10961	18 39 34.31	+35 12 54.9	17.8 T	H41
C/2003 O1	2003 09 18.82434	18 38 39.24	+35 02 40.1	18.1 N	118
C/2003 O1	2003 09 18.82729	18 38 39.12	+35 02 39.0		118
C/2003 O1	2003 09 18.84010	18 38 38.70	+35 02 33.9		118

2003 OCT. 10

M.P.C. 49751

C/2003 O1	2003 09 19.48644	18 38 18.53	+34 58 41.5	18.0 T	360
C/2003 O1	2003 09 19.49288	18 38 18.33	+34 58 39.5		360
C/2003 O1	2003 09 19.85137	18 38 07.32	+34 56 30.4	18.1 N	213
C/2003 O1	2003 09 19.85447	18 38 07.25	+34 56 29.3	18.1 N	213
C/2003 O1	2003 09 19.85693	18 38 07.20	+34 56 28.6	18.1 N	213
C/2003 O1	2003 09 20.88450	18 37 36.22	+34 50 16.7	17.7 N	A03
C/2003 O1	2003 09 20.88953	18 37 36.11	+34 50 15.3	17.7 N	A03
C/2003 O1	2003 09 25.08069	18 35 39.30	+34 24 58.6	16.8 N	H44
C/2003 O1	2003 09 27.09920	18 34 48.47	+34 12 47.3	16.7 N	H44
C/2003 O1	2003 09 27.13187	18 34 47.65	+34 12 35.4	17.0 N	H44
C/2003 O1	2003 09 28.14670	18 34 23.38	+34 06 28.5	18.3 T	H41
C/2003 O1	2003 09 28.15771	18 34 23.15	+34 06 24.6	18.4 T	H41
C/2003 O1	2003 10 01.46884	18 33 10.11	+33 46 31.9	18.0 T	360
C/2003 O1	2003 10 01.47317	18 33 09.98	+33 46 30.3		360
C/2003 O1	2003 10 01.83909	18 33 02.49	+33 44 18.6	18.0 T	213
C/2003 O1	2003 10 01.84286	18 33 02.42	+33 44 17.3	18.0 T	213
C/2003 O1	2003 10 06.10227	18 31 42.99	+33 19 05.0	18.5 T	704
C/2003 O1	2003 10 06.11531	18 31 42.73	+33 19 00.6	19.0 T	704
C/2003 O1	2003 10 06.12846	18 31 42.48	+33 18 56.4	19.4 T	704
C/2003 O1	2003 10 06.14184	18 31 42.34	+33 18 50.9	19.0 T	704
C/2003 O1	2003 10 06.15523	18 31 41.87	+33 18 45.3	19.1 T	704

P/2003 O2 (LINEAR)

P/2003 O2	2003 09 06.90247	03 27 37.04	+33 06 49.2		048
P/2003 O2	2003 09 06.91407	03 27 38.67	+33 07 08.5		048
P/2003 O2	2003 09 06.98645	03 27 48.18	+33 09 07.7		048
P/2003 O2	2003 09 07.00644	03 27 50.85	+33 09 41.3		A46
P/2003 O2	2003 09 07.00791	03 27 50.96	+33 09 43.6		A46
P/2003 O2	2003 09 07.01249	03 27 51.65	+33 09 51.1		048
P/2003 O2	2003 09 07.01529	03 27 51.99	+33 09 56.3		A46
P/2003 O2	2003 09 07.01677	03 27 52.12	+33 09 58.3		A46
P/2003 O2	2003 09 07.01683	03 27 52.16	+33 09 58.4		048
P/2003 O2	2003 09 07.01824	03 27 52.33	+33 10 00.8		A46
P/2003 O2	2003 09 07.02119	03 27 52.73	+33 10 05.7		A46
P/2003 O2	2003 09 07.04431	03 27 55.79	+33 10 43.9		048
P/2003 O2	2003 09 07.28595	03 28 27.48	+33 17 30.9	17.2 N	859
P/2003 O2	2003 09 07.28861	03 28 27.93	+33 17 35.7	16.9 N	859
P/2003 O2	2003 09 07.29124	03 28 28.36	+33 17 41.7	17.4 N	859
P/2003 O2	2003 09 08.73513	03 31 40.17	+33 56 46.0	16.2 T	360
P/2003 O2	2003 09 08.73757	03 31 40.50	+33 56 50.1		360
P/2003 O2	2003 09 10.37407	03 35 14.95	+34 40 54.2	17.7 T	785
P/2003 O2	2003 09 10.38345	03 35 16.05	+34 41 10.4	17.6 T	785
P/2003 O2	2003 09 11.09084	03 36 48.35	+35 00 05.9	17.0 N	620
P/2003 O2	2003 09 11.09528	03 36 49.02	+35 00 13.4	17.2 N	620
P/2003 O2	2003 09 12.02198	03 38 49.03	+35 24 53.1	17.0 N	213
P/2003 O2	2003 09 12.02539	03 38 49.61	+35 24 57.9	17.0 N	213
P/2003 O2	2003 09 12.02770	03 38 49.60	+35 25 02.4	17.0 N	213
P/2003 O2	2003 09 13.68030	03 42 20.77	+36 08 45.0		349
P/2003 O2	2003 09 13.68254	03 42 21.08	+36 08 48.5		349
P/2003 O2	2003 09 13.68480	03 42 21.43	+36 08 52.3		349
P/2003 O2	2003 09 13.68704	03 42 21.58	+36 08 55.9	16.2 T	349
P/2003 O2	2003 09 15.30703	03 45 45.51	+36 51 17.3	16.1 N	H41
P/2003 O2	2003 09 15.31700	03 45 46.87	+36 51 32.4	16.1 N	H41

P/2003 O2	2003 09 17.29745	03 49 51.18	+37 42 42.9	17.7 T	785
P/2003 O2	2003 09 17.31494	03 49 53.12	+37 43 06.4	17.8 T	785
P/2003 O2	2003 09 18.33198	03 51 56.80	+38 09 07.2	16.4 T	H41
P/2003 O2	2003 09 18.33765	03 51 57.41	+38 09 15.5	16.5 T	H41
P/2003 O2	2003 09 18.35805	03 51 59.96	+38 09 46.7	18.1 T	704
P/2003 O2	2003 09 18.36969	03 52 01.33	+38 10 03.9	18.3 T	704
P/2003 O2	2003 09 18.38137	03 52 02.58	+38 10 21.4	18.3 T	704
P/2003 O2	2003 09 18.39297	03 52 03.83	+38 10 39.4	18.0 T	704
P/2003 O2	2003 09 18.40471	03 52 05.17	+38 10 57.5	18.0 T	704
P/2003 O2	2003 09 18.89625	03 53 04.76	+38 23 20.3	17.6 T	215
P/2003 O2	2003 09 18.89664	03 53 04.78	+38 23 21.5	17.8 T	215
P/2003 O2	2003 09 18.98517	03 53 15.17	+38 25 37.3		048
P/2003 O2	2003 09 18.99109	03 53 16.00	+38 25 47.0		048
P/2003 O2	2003 09 19.01865	03 53 19.19	+38 26 29.0		048
P/2003 O2	2003 09 19.03748	03 53 21.37	+38 26 58.1		048
P/2003 O2	2003 09 19.03785	03 53 21.28	+38 26 58.7		A46
P/2003 O2	2003 09 19.03933	03 53 21.49	+38 27 00.1		A46
P/2003 O2	2003 09 19.04081	03 53 21.68	+38 27 03.6		A46
P/2003 O2	2003 09 19.04376	03 53 22.02	+38 27 08.2		A46
P/2003 O2	2003 09 19.04523	03 53 22.17	+38 27 09.6		A46
P/2003 O2	2003 09 19.04671	03 53 22.40	+38 27 12.2		A46
P/2003 O2	2003 09 19.05485	03 53 23.34	+38 27 25.0		048
P/2003 O2	2003 09 19.07947	03 53 26.22	+38 28 02.2		048
P/2003 O2	2003 09 19.13808	03 53 33.00	+38 29 32.5		118
P/2003 O2	2003 09 19.14140	03 53 33.35	+38 29 37.0		118
P/2003 O2	2003 09 19.14457	03 53 33.68	+38 29 41.7	17.6 N	118
P/2003 O2	2003 09 19.92012	03 55 06.46	+38 49 10.7		A46
P/2003 O2	2003 09 19.92159	03 55 06.64	+38 49 12.8		A46
P/2003 O2	2003 09 19.92306	03 55 06.74	+38 49 15.4		A46
P/2003 O2	2003 09 19.92454	03 55 06.96	+38 49 16.9		A46
P/2003 O2	2003 09 19.92748	03 55 07.28	+38 49 22.0		A46
P/2003 O2	2003 09 19.92896	03 55 07.27	+38 49 22.9		A46
P/2003 O2	2003 09 20.02693	03 55 18.94	+38 51 54.7	16.6 N	939
P/2003 O2	2003 09 20.03388	03 55 19.88	+38 52 05.0	16.7 N	939
P/2003 O2	2003 09 20.03963	03 55 20.65	+38 52 13.1	16.7 N	939
P/2003 O2	2003 09 20.33182	03 55 54.68	+38 59 35.0	16.1 T	H41
P/2003 O2	2003 09 20.33813	03 55 55.35	+38 59 44.0	16.1 T	H41
P/2003 O2	2003 09 20.98372	03 57 10.97	+39 15 47.2	16.9 N	213
P/2003 O2	2003 09 20.98493	03 57 11.10	+39 15 49.3		048
P/2003 O2	2003 09 20.98822	03 57 11.44	+39 15 54.4	16.9 N	213
P/2003 O2	2003 09 20.98940	03 57 11.55	+39 15 56.6		048
P/2003 O2	2003 09 20.98998	03 57 11.77	+39 15 56.8	16.9 N	213
P/2003 O2	2003 09 20.99495	03 57 12.15	+39 16 04.9		048
P/2003 O2	2003 09 20.99649	03 57 12.36	+39 16 06.0	16.9 T	232
P/2003 O2	2003 09 20.99716	03 57 12.50	+39 16 07.9		048
P/2003 O2	2003 09 21.00051	03 57 12.87	+39 16 13.0		048
P/2003 O2	2003 09 21.00416	03 57 13.43	+39 16 19.3	16.8 T	232
P/2003 O2	2003 09 21.01182	03 57 14.23	+39 16 30.0	16.9 T	232
P/2003 O2	2003 09 21.08062	03 57 21.85	+39 18 12.1	17.0 N	A18
P/2003 O2	2003 09 21.08804	03 57 22.94	+39 18 26.7	16.7 N	212
P/2003 O2	2003 09 21.09105	03 57 23.29	+39 18 31.0	16.7 N	212
P/2003 O2	2003 09 21.09514	03 57 23.75	+39 18 37.2	16.8 N	212
P/2003 O2	2003 09 21.09762	03 57 23.80	+39 18 40.6		108

P/2003 O2	2003 09 21.09942	03 57 23.96	+39 18 42.9		108
P/2003 O2	2003 09 21.10174	03 57 24.29	+39 18 44.6		108
P/2003 O2	2003 09 21.10260	03 57 24.62	+39 18 48.0	16.7 N	212
P/2003 O2	2003 09 21.10440	03 57 24.43	+39 18 50.0	16.2 T	108
P/2003 O2	2003 09 21.97978	03 59 05.75	+39 40 29.0		A46
P/2003 O2	2003 09 21.98272	03 59 06.13	+39 40 33.8		A46
P/2003 O2	2003 09 21.98420	03 59 06.29	+39 40 35.8		A46
P/2003 O2	2003 09 21.98568	03 59 06.38	+39 40 38.2		A46
P/2003 O2	2003 09 21.98716	03 59 06.61	+39 40 39.6		A46
P/2003 O2	2003 09 21.98863	03 59 06.77	+39 40 41.5		A46
P/2003 O2	2003 09 22.74176	04 00 32.18	+39 59 16.6		349
P/2003 O2	2003 09 22.74399	04 00 32.41	+39 59 19.7		349
P/2003 O2	2003 09 22.74625	04 00 32.70	+39 59 23.2		349
P/2003 O2	2003 09 22.74848	04 00 32.89	+39 59 26.4		349
P/2003 O2	2003 09 22.75071	04 00 33.14	+39 59 29.8	16.0 T	349
P/2003 O2	2003 09 24.31331	04 03 27.45	+40 37 27.9	17.1 T	785
P/2003 O2	2003 09 24.32315	04 03 28.64	+40 37 43.8	17.0 T	785
P/2003 O2	2003 09 25.02898	04 04 45.92	+40 54 41.4		A46
P/2003 O2	2003 09 25.03045	04 04 46.05	+40 54 42.5		A46
P/2003 O2	2003 09 25.03192	04 04 46.23	+40 54 45.1		A46
P/2003 O2	2003 09 25.03339	04 04 46.37	+40 54 47.3		A46
P/2003 O2	2003 09 25.03487	04 04 46.55	+40 54 49.6		A46
P/2003 O2	2003 09 25.03634	04 04 46.71	+40 54 51.3		A46
P/2003 O2	2003 09 25.04956	04 04 48.27	+40 55 11.9	16.8 N	235
P/2003 O2	2003 09 25.28144	04 05 13.43	+41 00 44.1	17.1 N	H44
P/2003 O2	2003 09 25.29373	04 05 14.74	+41 01 02.6	16.9 N	H44
P/2003 O2	2003 09 25.37876	04 05 23.60	+41 03 06.2	16.9 N	H41
P/2003 O2	2003 09 25.92500	04 06 22.66	+41 16 01.4	18.2 T	A41
P/2003 O2	2003 09 25.93346	04 06 23.47	+41 16 13.5	18.2 T	A41
P/2003 O2	2003 09 26.36354	04 07 08.87	+41 26 30.6	17.0 T	H41
P/2003 O2	2003 09 26.37918	04 07 10.54	+41 26 52.1	17.1 T	H41
P/2003 O2	2003 09 26.62075	04 07 36.42	+41 32 32.5		340
P/2003 O2	2003 09 26.62341	04 07 36.60	+41 32 34.9		340
P/2003 O2	2003 09 26.62593	04 07 37.05	+41 32 40.0	17.0 T	340
P/2003 O2	2003 09 26.67813	04 07 42.31	+41 33 54.1		342
P/2003 O2	2003 09 26.70938	04 07 45.44	+41 34 40.0		342
P/2003 O2	2003 09 26.74242	04 07 48.85	+41 35 27.7	16.2 T	360
P/2003 O2	2003 09 26.74471	04 07 49.08	+41 35 30.9		360
P/2003 O2	2003 09 26.91392	04 08 07.12	+41 39 24.2		A46
P/2003 O2	2003 09 26.91539	04 08 07.34	+41 39 25.7		A46
P/2003 O2	2003 09 26.91686	04 08 07.47	+41 39 27.7		A46
P/2003 O2	2003 09 26.91834	04 08 07.58	+41 39 29.8		A46
P/2003 O2	2003 09 26.92424	04 08 08.22	+41 39 38.8		A46
P/2003 O2	2003 09 26.92572	04 08 08.34	+41 39 40.6		A46
P/2003 O2	2003 09 28.28800	04 10 28.73	+42 11 32.9	16.6 N	H44
P/2003 O2	2003 09 28.30550	04 10 30.39	+42 11 56.9	16.6 T	H41
P/2003 O2	2003 09 28.31087	04 10 30.90	+42 12 04.3	16.4 T	H41
P/2003 O2	2003 09 28.31122	04 10 31.00	+42 12 05.8	16.6 N	H44
P/2003 O2	2003 09 29.20980	04 12 01.31	+42 32 49.4	17.7 N	785
P/2003 O2	2003 09 29.				

P/2003 O2	2003 09 29.72486	04 12 51.68	+42 44 35.1			349
P/2003 O2	2003 09 29.72708	04 12 51.92	+42 44 38.7	16.1	T	349
P/2003 O2	2003 10 02.36191	04 17 01.93	+43 43 46.1	18.2	T	704
P/2003 O2	2003 10 02.37475	04 17 03.17	+43 44 03.0	18.3	T	704
P/2003 O2	2003 10 02.38768	04 17 04.56	+43 44 22.2	19.2	T	704
P/2003 O2	2003 10 02.40077	04 17 05.16	+43 44 37.9	19.1	T	704
P/2003 O2	2003 10 02.41718	04 17 06.85	+43 45 01.6	18.4	T	704
P/2003 O2	2003 10 03.18638	04 18 16.90	+44 01 53.0	17.4	T	785
P/2003 O2	2003 10 03.20642	04 18 18.65	+44 02 17.8			785
P/2003 O2	2003 10 05.91556	04 22 10.81	+45 00 25.7	17.2	N	213
P/2003 O2	2003 10 05.91722	04 22 10.84	+45 00 26.0	17.2	N	213
P/2003 O2	2003 10 05.91889	04 22 11.04	+45 00 28.8	17.2	N	213
P/2003 O2	2003 10 07.21795	04 23 54.85	+45 27 38.8	18.3	T	750
P/2003 O2	2003 10 07.22542	04 23 55.24	+45 27 48.3	18.4	T	750
P/2003 O2	2003 10 07.23242	04 23 55.92	+45 27 57.7	18.6	T	750
P/2003 O3 (LINEAR)						
P/2003 O3	2003 09 01.98924	02 46 01.51	+23 09 24.0	19.1	T	561
P/2003 O3	2003 09 01.99323	02 46 01.68	+23 09 32.2	19.2	T	561
P/2003 O3	2003 09 08.74368	02 57 23.70	+26 18 16.0	18.0	T	360
P/2003 O3	2003 09 08.74770	02 57 24.02	+26 18 22.5			360
P/2003 O3	2003 09 10.37708	02 59 44.79	+27 00 52.2	18.2	T	785
P/2003 O3	2003 09 10.38657	02 59 45.58	+27 01 05.5	18.2	T	785
P/2003 O3	2003 09 11.07666	03 00 43.12	+27 18 44.7	18.5	N	620
P/2003 O3	2003 09 17.32211	03 07 55.94	+29 48 20.0	18.2	T	785
P/2003 O3	2003 09 17.33472	03 07 56.84	+29 48 34.3	18.2	T	785
P/2003 O3	2003 09 18.32530	03 08 51.48	+30 10 37.9	18.4	T	H41
P/2003 O3	2003 09 19.12030	03 09 32.04	+30 27 52.8			118
P/2003 O3	2003 09 19.12510	03 09 32.22	+30 27 58.5			118
P/2003 O3	2003 09 20.09601	03 10 18.94	+30 48 41.3			246
P/2003 O3	2003 09 20.09659	03 10 18.94	+30 48 41.7			246
P/2003 O3	2003 09 20.09737	03 10 18.97	+30 48 42.6			246
P/2003 O3	2003 09 20.09848	03 10 19.00	+30 48 44.3			246
P/2003 O3	2003 09 20.09939	03 10 19.05	+30 48 45.3			246
P/2003 O3	2003 09 20.32183	03 10 29.73	+30 53 28.6	18.2	T	H41
P/2003 O3	2003 09 20.32814	03 10 29.90	+30 53 37.9	18.3	T	H41
P/2003 O3	2003 09 20.95282	03 10 57.63	+31 06 32.6	18.1	N	213
P/2003 O3	2003 09 20.95484	03 10 57.72	+31 06 35.4	18.2	N	213
P/2003 O3	2003 09 20.95686	03 10 57.80	+31 06 37.8	18.2	N	213
P/2003 O3	2003 09 20.98654	03 10 58.84	+31 07 15.4	18.6	N	130
P/2003 O3	2003 09 20.99604	03 10 59.19	+31 07 27.4	18.5	N	130
P/2003 O3	2003 09 24.33058	03 12 55.65	+32 13 28.7	17.9	T	785
P/2003 O3	2003 09 24.34028	03 12 55.80	+32 13 40.2	18.2	T	785
P/2003 O3	2003 09 24.35042	03 12 55.94	+32 13 52.5	18.1	T	785
P/2003 O3	2003 09 25.36715	03 13 22.72	+32 32 51.0	18.6	T	H41
P/2003 O3	2003 09 25.37101	03 13 22.68	+32 32 56.0	18.5	T	H41
P/2003 O3	2003 09 25.37443	03 13 22.82	+32 32 59.6			

2003 OCT. 10

M.P.C. 49753

P/2003 O3	2003 09 26.36345	03 13 44.47	+32 50 52.9	18.7 T	704
P/2003 O3	2003 09 26.37593	03 13 44.65	+32 51 07.3	18.8 T	704
P/2003 O3	2003 09 26.38831	03 13 44.84	+32 51 20.8	19.2 T	704
P/2003 O3	2003 09 26.72959	03 13 51.18	+32 57 23.8	18.2 T	360
P/2003 O3	2003 09 26.73463	03 13 51.17	+32 57 29.5		360
P/2003 O3	2003 09 28.21307	03 14 14.09	+33 22 53.7	20.0 N	H44
P/2003 O3	2003 09 28.26649	03 14 14.46	+33 23 50.0	17.4 N	H44
P/2003 O3	2003 09 28.29675	03 14 14.65	+33 24 20.7	18.9 T	H41
P/2003 O3	2003 09 28.30199	03 14 14.57	+33 24 26.6	19.0 T	H41
P/2003 O3	2003 09 29.18638	03 14 23.35	+33 39 02.9	18.0 N	785
P/2003 O3	2003 09 29.20041	03 14 23.27	+33 39 13.7	18.1 N	785
P/2003 O3	2003 09 29.21455	03 14 23.55	+33 39 27.6	17.9 N	785
P/2003 O3	2003 09 29.22769	03 14 23.63	+33 39 42.7	18.2 N	785
P/2003 O3	2003 10 02.33902	03 14 26.82	+34 27 38.5	18.6 T	H41
P/2003 O3	2003 10 02.34515	03 14 26.71	+34 27 42.3	18.6 T	H41
P/2003 O3	2003 10 03.24159	03 14 21.02	+34 40 27.9	18.0 T	785
P/2003 O3	2003 10 03.25068	03 14 20.62	+34 40 36.0	18.0 T	785
P/2003 O3	2003 10 05.93596	03 13 44.17	+35 16 01.2		213

P/2003 QX₂₉ (NEAT)

P/2003 QX ₂₉	2003 09 13.15455	22 29 30.65	+05 50 59.6	20.1 N	715
P/2003 QX ₂₉	2003 09 13.16240	22 29 30.31	+05 50 57.6	20.5 N	715
P/2003 QX ₂₉	2003 09 13.17261	22 29 30.20	+05 50 56.7	20.2 N	715
P/2003 QX ₂₉	2003 09 14.91433	22 28 45.83	+05 45 39.5	19.8 T	213
P/2003 QX ₂₉	2003 09 14.91812	22 28 45.71	+05 45 38.6	19.8 T	213
P/2003 QX ₂₉	2003 09 14.92000	22 28 45.64	+05 45 38.2	19.7 T	213
P/2003 QX ₂₉	2003 09 14.92406	22 28 45.51	+05 45 37.6	19.7 T	213
P/2003 QX ₂₉	2003 09 16.99674	22 27 53.40	+05 39 11.5	17.3 N	A03
P/2003 QX ₂₉	2003 09 17.02439	22 27 53.40	+05 39 11.7	17.2 N	A03
P/2003 QX ₂₉	2003 09 18.90186	22 27 08.35	+05 33 11.2		204
P/2003 QX ₂₉	2003 09 18.90950	22 27 08.09	+05 33 09.8	20.1 N	204
P/2003 QX ₂₉	2003 09 18.92003	22 27 07.91	+05 33 08.1	19.6 T	204
P/2003 QX ₂₉	2003 09 27.16873	22 24 09.94	+05 06 19.7	18.9 N	H41
P/2003 QX ₂₉	2003 09 28.12713	22 23 51.70	+05 03 10.7	20.4 T	691
P/2003 QX ₂₉	2003 09 28.15367	22 23 51.18	+05 03 05.5	20.4 T	691
P/2003 QX ₂₉	2003 09 28.17995	22 23 50.61	+05 02 59.8	18.9 N	H41
P/2003 QX ₂₉	2003 09 28.18178	22 23 50.62	+05 03 00.6	20.6 T	691
P/2003 QX ₂₉	2003 09 28.19587	22 23 50.23	+05 02 55.9	19.0 N	H41
P/2003 QX ₂₉	2003 09 28.79415	22 23 39.28	+05 01 01.1		118
P/2003 QX ₂₉	2003 09 28.83187	22 23 38.49	+05 00 51.8		118
P/2003 QX ₂₉	2003 09 30.59531	22 23 07.05	+04 55 05.0	19.8 T	360
P/2003 QX ₂₉	2003 09 30.60120	22 23 06.92	+04 55 04.2		360
P/2003 QX ₂₉	2003 09 30.60632	22 23 06.89	+04 55 02.4		360
P/2003 QX ₂₉	2003 10 02.89318	22 22 29.71	+04 47 34.0	18.4 N	A33

C/2003 R1 (LINEAR)

C/2003 R1	2003 09 06.78492	03 13 00.30	-02 25 48.6	19.5 N	413
C/2003 R1	2003 09 06.78666	03 12 59.96	-02 25 49.9	19.2 N	413
C/2003 R1	2003 09 06.78839	03 12 59.62	-02 25 51.1	19.3 N	413
C/2003 R1	2003 09 08.76654	03 06 28.77	-02 51 58.7	19.2 T	360
C/2003 R1	2003 09 08.77049	03 06 27.99	-02 52 01.9		360
C/2003 R1	2003 09 11.12023	02 58 12.21	-03 24 21.1	17.9 N	620
C/2003 R1	2003 09 17.35926	02 33 30.15	-04 56 05.0	17.5 T	785
C/2003 R1	2003 09 17.36507	02 33 28.30	-04 56 12.8	17.9 T	785

C/2003 R1	2003 09 18.35017	02 29 13.50	-05 11 12.0	18.8 T	704
C/2003 R1	2003 09 18.36208	02 29 10.31	-05 11 23.9	18.5 T	704
C/2003 R1	2003 09 18.37396	02 29 07.17	-05 11 34.6	18.6 T	704
C/2003 R1	2003 09 18.38582	02 29 04.01	-05 11 45.4	18.2 T	704
C/2003 R1	2003 09 18.39790	02 29 00.81	-05 11 56.6	18.3 T	704
C/2003 R1	2003 09 19.09953	02 25 55.39	-05 22 44.0	18.5 N	118
C/2003 R1	2003 09 19.10793	02 25 53.07	-05 22 51.8		118
C/2003 R1	2003 09 20.03662	02 21 43.70	-05 37 09.3		246
C/2003 R1	2003 09 20.03928	02 21 42.97	-05 37 11.8		246
C/2003 R1	2003 09 20.03990	02 21 42.79	-05 37 12.2		246
C/2003 R1	2003 09 20.04112	02 21 42.46	-05 37 13.7		246
C/2003 R1	2003 09 20.04172	02 21 42.27	-05 37 14.1		246
C/2003 R1	2003 09 20.04373	02 21 41.74	-05 37 15.7		246
C/2003 R1	2003 09 21.00247	02 17 19.57	-05 52 01.5	17.8 N	213
C/2003 R1	2003 09 21.00373	02 17 19.03	-05 52 04.8	17.8 N	213
C/2003 R1	2003 09 21.00545	02 17 18.75	-05 52 06.1	17.8 N	213
C/2003 R1	2003 09 24.30387	02 01 41.92	-06 42 43.1	17.7 T	785
C/2003 R1	2003 09 24.31020	02 01 40.15	-06 42 48.4	17.6 T	785
C/2003 R1	2003 09 24.31980	02 01 37.24	-06 42 59.4	17.6 T	785
C/2003 R1	2003 09 25.86362	01 54 03.60	-07 06 16.8	18.0 T	215
C/2003 R1	2003 09 26.07170	01 53 01.44	-07 09 23.7		118
C/2003 R1	2003 09 26.07409	01 53 00.77	-07 09 26.4		118
C/2003 R1	2003 09 26.07762	01 52 59.76	-07 09 28.4		118
C/2003 R1	2003 09 26.07855	01 52 59.45	-07 09 30.7	17.5 N	118
C/2003 R1	2003 09 26.60521	01 50 22.64	-07 17 18.8		342
C/2003 R1	2003 09 26.61215	01 50 20.59	-07 17 24.6		342
C/2003 R1	2003 09 26.67480	01 50 01.69	-07 18 20.3	18.7 T	360
C/2003 R1	2003 09 26.67900	01 50 00.45	-07 18 23.9		360
C/2003 R1	2003 09 26.95058	01 48 39.19	-07 22 25.3	17.9 N	130
C/2003 R1	2003 09 26.95666	01 48 37.31	-07 22 30.5	18.2 N	130
C/2003 R1	2003 09 28.52814	01 40 42.28	-07 45 17.8	18.8 T	608
C/2003 R1	2003 09 28.53839	01 40 39.13	-07 45 27.0	18.4 T	608
C/2003 R1	2003 09 28.54950	01 40 35.72	-07 45 36.6	18.8 T	608
C/2003 R1	2003 10 01.23079	01 26 55.16	-08 22 46.6	17.9 T	699
C/2003 R1	2003 10 01.24745	01 26 49.92	-08 22 59.8		699
C/2003 R1	2003 10 01.26411	01 26 44.79	-08 23 13.2		699
C/2003 R1	2003 10 01.28076	01 26 39.65	-08 23 26.8		699
C/2003 R1	2003 10 02.30523	01 21 23.83	-08 36 53.1	17.0 T	H41
C/2003 R1	2003 10 02.31024	01 21 22.28	-08 36 56.8	17.1 T	H41
C/2003 R1	2003 10 02.62624	01 19 44.94	-08 41 01.1	18.5 T	360
C/2003 R1	2003 10 02.63008	01 19 43.76	-08 41 04.2		360
C/2003 R1	2003 10 02.63412	01 19 42.51	-08 41 07.1		360
C/2003 R1	2003 10 02.98241	01 17 55.11	-08 45 33.6	17.0 N	A33
C/2003 R1	2003 10 03.01206	01 17 45.94	-08 45 55.8	17.0 N	A33
C/2003 R1	2003 10 03.25848	01 16 29.88	-08 49 01.1	16.9 T	785
C/2003 R1	2003 10 03.26128	01 16 29.00	-08 49 03.0	16.9 T	785
C/2003 R1	2003 10 06.56048	00 59 36.76	-09 27 37.8	19.0 T	608
C/2003 R1	2003 10 06.57164	00 59 33.32	-09 27 44.3	19.7 T	608
C/2003 R1	2003 10 06.58258	00 59 30.02	-09 27 51.9	19.2 T	608

P/2003 S1 (NEAT)

P/2003 S1	2003 09 04.31396	00 44 00.98	+12 30 17.6	19.1 N	5 704
P/2003 S1	2003 09 04.32651	00 44 00.67	+12 30 16.1	20.1 N	5 704

P/2003 S1	2003 09 04.36423	00 43 59.99	+12 30 11.8	20.0 N	5 704
P/2003 S1	2003 09 20.29702	00 37 09.18	+11 50 28.6	18.9 N	5 704
P/2003 S1	2003 09 20.30950	00 37 08.75	+11 50 25.9	19.5 N	5 704
P/2003 S1	2003 09 20.32199	00 37 08.33	+11 50 22.5	19.8 N	5 704
P/2003 S1	2003 09 20.33472	00 37 07.85	+11 50 20.7	19.5 N	5 704
P/2003 S1	2003 09 20.34727	00 37 07.33	+11 50 17.6	19.5 N	5 704
P/2003 S1	2003 09 21.42856	00 36 32.11	+11 46 12.6	18.1 T	5 644
P/2003 S1	2003 09 21.45111	00 36 31.34	+11 46 07.5	18.0 T	5 644
P/2003 S1	2003 09 21.47755	00 36 30.42	+11 46 01.0	17.9 T	5 644
P/2003 S1	2003 09 22.32392	00 36 02.34	+11 42 41.0	18.0 T	5 699
P/2003 S1	2003 09 22.34056	00 36 01.86	+11 42 37.6		5 699
P/2003 S1	2003 09 22.35717	00 36 01.27	+11 42 32.2		5 699
P/2003 S1	2003 09 22.37369	00 36 00.71	+11 42 28.9		5 699
P/2003 S1	2003 09 23.60194	00 35 19.01	+11 37 32.4	18.8 T	608
P/2003 S1	2003 09 23.61324	00 35 18.64	+11 37 29.2	19.0 T	608
P/2003 S1	2003 09 23.62373	00 35 18.25	+11 37 26.6	18.9 T	608
P/2003 S1	2003 09 23.94531	00 35 07.57	+11 36 05.4	18.7 T	A50
P/2003 S1	2003 09 23.94883	00 35 07.42	+11 36 04.4	18.8 T	A50
P/2003 S1	2003 09 23.95186	00 35 07.45	+11 36 03.1	18.5 T	J95
P/2003 S1	2003 09 23.95672	00 35 07.20	+11 36 01.8	19.1 T	J95
P/2003 S1	2003 09 23.95928	00 35 07.31	+11 36 03.5	18.8 T	A50
P/2003 S1	2003 09 23.96155	00 35 07.07	+11 36 00.8	18.6 T	J95
P/2003 S1	2003 09 23.97648	00 35 06.52	+11 35 56.8	18.7 T	J95
P/2003 S1	2003 09 23.98304	00 35 06.31	+11 35 55.3	18.5 T	J95
P/2003 S1	2003 09 23.98995	00 35 06.08	+11 35 53.7	18.2 T	J95
P/2003 S1	2003 09 24.24438	00 34 57.32	+11 34 49.9		H59
P/2003 S1	2003 09 24.24712	00 34 57.11	+11 34 49.2	17.6 N	785
P/2003 S1	2003 09 24.25679	00 34 56.77	+11 34 47.0	17.6 N	785
P/2003 S1	2003 09 24.25755	00 34 56.86	+11 34 47.5	18.8 T	H59
P/2003 S1	2003 09 24.27244	00 34 56.31	+11 34 43.3	18.7 T	H59
P/2003 S1	2003 09 24.28229	00 34 55.90	+11 34 41.9	17.5 T	785
P/2003 S1	2003 09 24.28520	00 34 55.78	+11 34 38.7	18.4 T	H59
P/2003 S1	2003 09 24.50417	00 34 48.20	+11 33 44.6	19.0 T	608
P/2003 S1	2003 09 24.51496	00 34 47.83	+11 33 42.1	18.9 T	608
P/2003 S1	2003 09 24.52518	00 34 47.46	+11 33 39.3	18.8 T	608
P/2003 S1	2003 09 24.53647	00 34 46.99	+11 33 36.9	19.2 T	608
P/2003 S1	2003 09 24.54692	00 34 46.64	+11 33 34.5	18.9 T	608
P/2003 S1	2003 09 24.55723	00 34 46.26	+11 33 31.6	18.8 T	608
P/2003 S1	2003 09 24.83377	00 34 37.06	+11 32 18.7	17.9 N	151
P/2003 S1	2003 09 24.84636	00 34 36.61	+11 32 15.1	18.0 N	151
P/2003 S1	2003 09 24.85186	00 34 36.41	+11 32 13.5	17.9 N	151
P/2003 S1	2003 09 24.85226	00 34 36.37	+11 32 14.3		246
P/2003 S1	2003 09 24.85296	00 34 36.36	+11 32 15.0		246
P/2003 S1	2003 09 24.85463	00 34 36.31	+11 32 13.8		246
P/2003 S1	2003 09 24.85554	00 34 36.26	+11 32 13.5		246
P/2003 S1	2003 09 24.85619	00 34 36.32	+11 32 12.1	17.7 N	151
P/2003 S1	2003 09 24.85706	00 34 36.20	+11 32 13.0		246
P/2003 S1	2003 09 24.94001	00 34 33.22	+11 31 51.8		118
P/2003 S1	2003 09 24.94501	00 34 33.02	+11 31 50.2		118
P/2003 S1	2003 09 24.94597	00 34 33.05	+11 31 49.7		118
P/2003 S1	2003 09 24.95088	00 34 32.95	+11 31 48.9	18.4 N	118
P/2003 S1	2003 09 25.27716	00 34 21.46	+11 30 25.5	17.8 T	H41
P/2003 S1	2003 09 25.28757	00 34 21.03	+11 30 21.4	17.9 T	H41

P/2003 S1	2003 09 25.29022	00 34 21.02	+11 30 21.5	17.9 T	H41
P/2003 S1	2003 09 25.82946	00 34 02.24	+11 27 58.9	17.7 T	215
P/2003 S1	2003 09 25.83007	00 34 02.25	+11 27 58.7	17.7 T	215
P/2003 S1	2003 09 25.83068	00 34 02.25	+11 27 58.5	17.7 T	215
P/2003 S1	2003 09 25.91887	00 33 58.97	+11 27 36.2	18.3 T	A41
P/2003 S1	2003 09 25.92726	00 33 58.60	+11 27 33.0	19.1 T	A41
P/2003 S1	2003 09 26.03679	00 33 54.78	+11 27 04.3	18.0 N	118
P/2003 S1	2003 09 26.04297	00 33 54.50	+11 27 02.2	17.9 N	118
P/2003 S1	2003 09 26.04752	00 33 54.31	+11 27 01.2	18.2 N	118
P/2003 S1	2003 09 26.27125	00 33 46.64	+11 26 01.1	18.2 T	H41
P/2003 S1	2003 09 26.27553	00 33 46.45	+11 26 00.5	18.1 T	H41
P/2003 S1	2003 09 26.54340	00 33 36.97	+11 24 48.5		342
P/2003 S1	2003 09 26.55035	00 33 36.71	+11 24 46.9		342
P/2003 S1	2003 09 26.60035	00 33 34.92	+11 24 33.9	17.5 T	372
P/2003 S1	2003 09 26.62118	00 33 34.26	+11 24 28.3		372
P/2003 S1	2003 09 26.68668	00 33 31.77	+11 24 10.1	18.0 T	360
P/2003 S1	2003 09 26.69036	00 33 31.66	+11 24 09.0		360
P/2003 S1	2003 09 26.86462	00 33 25.69	+11 23 19.8	18.8 N	130
P/2003 S1	2003 09 26.86613	00 33 25.60	+11 23 18.8	18.8 N	130
P/2003 S1	2003 09 27.23510	00 33 12.52	+11 21 38.3		642
P/2003 S1	2003 09 27.23526	00 33 12.46	+11 21 40.3	18.6 T	704
P/2003 S1	2003 09 27.23995	00 33 12.35	+11 21 39.9		642
P/2003 S1	2003 09 27.24634	00 33 12.07	+11 21 36.0		642
P/2003 S1	2003 09 27.24831	00 33 12.00	+11 21 36.8	19.0 T	704
P/2003 S1	2003 09 27.26150	00 33 11.50	+11 21 32.9	18.6 T	704
P/2003 S1	2003 09 27.27435	00 33 10.98	+11 21 29.0	18.8 T	704
P/2003 S1	2003 09 27.28749	00 33 10.51	+11 21 25.9	18.7 T	704
P/2003 S1	2003 09 27.61979	00 32 58.58	+11 19 54.1	17.5 T	372
P/2003 S1	2003 09 27.64652	00 32 57.68	+11 19 47.4		372
P/2003 S1	2003 09 28.18691	00 32 38.43	+11 17 15.2	16.8 N	H44
P/2003 S1	2003 09 28.19540	00 32 38.08	+11 17 11.3		642
P/2003 S1	2003 09 28.20378	00 32 37.84	+11 17 08.8		642
P/2003 S1	2003 09 28.20995	00 32 37.64	+11 17 07.1		642
P/2003 S1	2003 09 28.22054	00 32 37.15	+11 17 05.9	16.7 N	H44
P/2003 S1	2003 09 28.22313	00 32 36.84	+11 17 04.2	17.8 T	H41
P/2003 S1	2003 09 28.22590	00 32 36.99	+11 17 04.2	18.0 T	H41
P/2003 S1	2003 09 28.63286	00 32 22.25	+11 15 09.4	18.0 T	900
P/2003 S1	2003 09 28.64007	00 32 21.87	+11 15 07.2	18.5 T	900
P/2003 S1	2003 09 29.15442	00 32 03.51	+11 12 38.7	17.8 T	699
P/2003 S1	2003 09 29.16269	00 32 03.24	+11 12 36.7		699
P/2003 S1	2003 09 29.17105	00 32 02.98	+11 12 34.4		699
P/2003 S1	2003 09 29.17935	00 32 02.64	+11 12 32.0		699
P/2003 S1	2003 09 29.19003	00 32 02.07	+11 12 30.0	17.7 N	785
P/2003 S1	2003 09 29.20219	00 32 01.87	+11 12 24.0		642
P/2003 S1	2003 09 29.20515	00 32 01.53	+11 12 22.4	17.9 N	785
P/2003 S1	2003 09 29.20906	00 32 01.49	+11 12 21.2		642
P/2003 S1	2003 09 29.24240	00 32 00.29	+11 12 13.3	17.3 T	H41
P/2003 S1	2003 09 29.27014	00 31 59.26	+11 12 06.2	17.2 T	H41
P/2003 S1	2003 09 29.83954	00 31 38.66	+11 09 20.8	19.1 T	A50
P/2003 S1	2003 09 29.84304	00 31 38.50	+11 09 19.6	19.1 T	A50
P/2003 S1	2003 09 29.84656	00 31 38.40	+11 09 18.5	19.0 T	A50
P/2003 S1	2003 09 30.62708	00 31 09.89	+11 05 29.6	18.0 T	372
P/2003 S1	2003 09 30.65572	00 31 08.82	+11 05 21.1	17.6 T	360

2003 OCT. 10

M.P.C. 49755

P/2003 S1	2003 09 30.66037	00 31 08.62	+11 05 19.7		360
P/2003 S1	2003 10 01.86471	00 30 24.87	+10 59 16.7	17.2 N	213
P/2003 S1	2003 10 01.86664	00 30 24.80	+10 59 16.0	17.2 N	213
P/2003 S1	2003 10 01.86847	00 30 24.64	+10 59 13.9	17.2 N	213
P/2003 S1	2003 10 02.31450	00 30 08.09	+10 57 00.8	17.7 T	H41
P/2003 S1	2003 10 02.31841	00 30 07.80	+10 56 59.0	17.7 T	H41
P/2003 S1	2003 10 02.63194	00 29 56.42	+10 55 23.3	18.0 T	372
P/2003 S1	2003 10 02.91837	00 29 46.09	+10 53 54.8	17.6 N	620
P/2003 S1	2003 10 02.92333	00 29 45.93	+10 53 52.8	18.3 N	620
P/2003 S1	2003 10 02.97503	00 29 43.88	+10 53 36.9	17.5 N	A33
P/2003 S1	2003 10 03.00498	00 29 42.75	+10 53 27.4	17.4 N	A33
P/2003 S1	2003 10 03.19008	00 29 35.94	+10 52 30.1	17.7 T	785
P/2003 S1	2003 10 03.20984	00 29 35.28	+10 52 24.7	17.4 T	785
P/2003 S1	2003 10 03.22664	00 29 34.76	+10 52 18.6	18.1 T	291
P/2003 S1	2003 10 03.23032	00 29 34.61	+10 52 18.1	18.1 T	291
P/2003 S1	2003 10 03.23417	00 29 34.46	+10 52 17.0	18.2 T	291
P/2003 S1	2003 10 04.09728	00 29 02.86	+10 47 44.8	17.7 N	785
P/2003 S1	2003 10 04.11289	00 29 02.21	+10 47 41.7	17.2 N	785
P/2003 S1	2003 10 04.95723	00 28 31.21	+10 43 14.4		213
P/2003 S1	2003 10 04.96574	00 28 30.87	+10 43 10.7		213
P/2003 S1	2003 10 04.97106	00 28 30.32	+10 43 09.3		213
P/2003 S1	2003 10 05.01387	00 28 29.00	+10 42 55.9		170

P/2003 S2 (NEAT)

P/2003 S2	2003 09 19.35725	02 02 24.81	+00 12 59.4	17.6 N	5 704
P/2003 S2	2003 09 19.38235	02 02 24.15	+00 12 54.3	19.5 N	5 704
P/2003 S2	2003 09 19.39461	02 02 24.07	+00 12 51.8	19.1 N	5 704
P/2003 S2	2003 09 19.40688	02 02 23.66	+00 12 47.2	18.6 N	5 704
P/2003 S2	2003 09 24.60807	02 00 41.55	-00 03 43.4	18.0 T	608
P/2003 S2	2003 09 24.61891	02 00 41.29	-00 03 45.6	18.1 T	608
P/2003 S2	2003 09 24.62988	02 00 41.01	-00 03 47.4	18.2 T	608
P/2003 S2	2003 09 24.93229	02 00 34.34	-00 04 49.2	17.8 T	198
P/2003 S2	2003 09 24.93807	02 00 34.20	-00 04 50.0	17.8 T	198
P/2003 S2	2003 09 24.94155	02 00 34.18	-00 04 50.8	17.9 T	J95
P/2003 S2	2003 09 24.94238	02 00 34.10	-00 04 50.6	17.7 T	198
P/2003 S2	2003 09 24.94497	02 00 34.00	-00 04 51.1	17.8 T	611
P/2003 S2	2003 09 24.94631	02 00 34.04	-00 04 51.8	17.4 T	J95
P/2003 S2	2003 09 24.94985	02 00 33.90	-00 04 52.0	17.7 T	611
P/2003 S2	2003 09 24.95105	02 00 33.92	-00 04 52.5	17.7 T	J95
P/2003 S2	2003 09 24.95418	02 00 33.75	-00 04 52.4	17.3 T	166
P/2003 S2	2003 09 24.98059	02 00 33.08	-00 04 57.8	17.3 T	118
P/2003 S2	2003 09 24.98884	02 00 32.89	-00 04 59.3	17.3 T	118
P/2003 S2	2003 09 24.99265	02 00 32.79	-00 05 00.8	16.9 T	166
P/2003 S2	2003 09 24.99949	02 00 32.66	-00 05 02.4	17.6 N	196
P/2003 S2	2003 09 25.04612	02 00 31.37	-00 05 11.3	16.9 T	166
P/2003 S2	2003 09 25.06169	02 00 31.05	-00 05 14.6	17.7 N	196
P/2003 S2	2003 09 25.10696	02 00 29.97	-00 05 23.0	17.9 T	J95
P/2003 S2	2003 09 25.11212	02 00 29.86	-00 05 23.9	17.7 T	J95
P/2003 S2	2003 09 25.11714	02 00 29.73	-00 05 24.9	18.0 T	J95
P/2003 S2	2003 09 25.26436	02 00 26.36	-00 05 52.8		H36
P/2003 S2	2003 09 25.30017	02 00 25.44	-00 05 59.7	17.7 T	H36
P/2003 S2	2003 09 25.38420	02 00 23.10	-00 06 15.9	17.1 R	H59
P/2003 S2	2003 09 25.39554	02 00 22.83	-00 06 18.8	17.6 R	H59

P/2003 S2	2003 09 25.40683	02 00 22.48	-00 06 20.7	17.7 R	H59
P/2003 S2	2003 09 25.41970	02 00 22.28	-00 06 22.3	17.4 R	H59
P/2003 S2	2003 09 25.53622	02 00 19.57	-00 06 44.6	18.0 T	608
P/2003 S2	2003 09 25.54758	02 00 19.23	-00 06 47.3	18.3 T	608
P/2003 S2	2003 09 25.55802	02 00 18.97	-00 06 49.3	18.4 T	608
P/2003 S2	2003 09 25.85096	02 00 12.09	-00 07 48.6	17.0 T	215
P/2003 S2	2003 09 25.85155	02 00 12.06	-00 07 48.3	17.0 T	215
P/2003 S2	2003 09 25.85214	02 00 12.01	-00 07 47.8	17.3 T	215
P/2003 S2	2003 09 25.87206	02 00 11.54	-00 07 52.4	17.4 T	240
P/2003 S2	2003 09 25.87655	02 00 11.41	-00 07 53.3	17.5 T	240
P/2003 S2	2003 09 25.88105	02 00 11.28	-00 07 54.3	17.4 T	240
P/2003 S2	2003 09 25.88864	02 00 11.10	-00 07 55.9	17.0 T	240
P/2003 S2	2003 09 25.90106	02 00 10.77	-00 07 58.2	17.3 T	240
P/2003 S2	2003 09 26.05662	02 00 06.67	-00 08 28.4		118
P/2003 S2	2003 09 26.06005	02 00 06.52	-00 08 28.6		118
P/2003 S2	2003 09 26.06387	02 00 06.41	-00 08 29.7	17.6 N	118
P/2003 S2	2003 09 26.29814	02 00 00.50	-00 09 13.8	17.6 T	H41
P/2003 S2	2003 09 26.30262	02 00 00.41	-00 09 14.8	17.7 T	H41
P/2003 S2	2003 09 26.30544	02 00 00.32	-00 09 15.0	17.7 T	H41
P/2003 S2	2003 09 26.57396	01 59 53.69	-00 10 09.6		342
P/2003 S2	2003 09 26.58090	01 59 53.46	-00 10 09.6		342
P/2003 S2	2003 09 26.64688	01 59 51.61	-00 10 24.0	18.0 T	372
P/2003 S2	2003 09 26.66387	01 59 51.20	-00 10 26.9	17.3 T	360
P/2003 S2	2003 09 26.66757	01 59 51.11	-00 10 27.5		360
P/2003 S2	2003 09 26.67049	01 59 51.00	-00 10 28.4		372
P/2003 S2	2003 09 26.93600	01 59 44.18	-00 11 21.2	18.1 N	130
P/2003 S2	2003 09 26.94208	01 59 44.03	-00 11 22.8	16.8 N	130
P/2003 S2	2003 09 27.02549	01 59 41.62	-00 11 38.8	17.3 N	166
P/2003 S2	2003 09 27.03135	01 59 41.41	-00 11 40.3	17.2 N	166
P/2003 S2	2003 09 27.03463	01 59 41.30	-00 11 40.8	17.3 N	166
P/2003 S2	2003 09 27.03775	01 59 41.29	-00 11 40.4	17.4 T	108
P/2003 S2	2003 09 27.03993	01 59 41.24	-00 11 41.6	17.0 N	166
P/2003 S2	2003 09 27.04427	01 59 41.15	-00 11 42.3	17.6 T	108
P/2003 S2	2003 09 27.04834	01 59 41.01	-00 11 44.1	17.1 N	166
P/2003 S2	2003 09 27.05160	01 59 40.96	-00 11 41.9	17.5 T	108
P/2003 S2	2003 09 27.05804	01 59 40.81	-00 11 43.7	17.6 T	108
P/2003 S2	2003 09 27.26235	01 59 35.58	-00 12 25.3		642
P/2003 S2	2003 09 27.26736	01 59 35.39	-00 12 25.7		642
P/2003 S2	2003 09 27.27209	01 59 35.17	-00 12 29.3		642
P/2003 S2	2003 09 27.72431	01 59 22.77	-00 13 54.3	18.0 T	372
P/2003 S2	2003 09 28.27683	01 59 07.78	-00 15 40.6		642
P/2003 S2	2003 09 28.27900	01 59 07.80	-00 15 45.8		642
P/2003 S2	2003 09 28.65440	01 58 56.97	-00 16 56.8	17.5 T	900
P/2003 S2	2003 09 28.67473	01 58 56.32	-00 17 00.8	17.9 T	900
P/2003 S2	2003 09 29.27410	01 58 39.19	-00 18 57.7	16.6 T	H41
P/2003 S2	2003 09 29.27972	01 58 39.04	-00 18 59.1	16.5 T	H41
P/2003 S2	2003 09 30.65521	01 57 57.72	-00 23 26.2	17.5 T	372
P/2003 S2	2003 09 30.66927	01 57 57.31	-00 23 29.8	17.3 T	360
P/2003 S2	2003 09 30.67309	01 57 57.17	-00 23 30.8		360
P/2003 S2	2003 10 01.30254	01 57 37.72	-00 25 32.1	17.5 T	673
P/2003 S2	2003 10 01.30590	01 57 37.58	-00 25 32.7		673
P/2003 S2	2003 10 01.31227	01 57 37.39	-00 25 33.8		673
P/2003 S2	2003 10 02.26951	01 57 06.64	-00 28 39.1	16.8 N	H41

P/2003 S2	2003 10 02.27821	01 57 06.34	-00 28 40.4	16.8 N	H41
P/2003 S2	2003 10 02.70069	01 56 52.37	-00 30 00.6	17.5 T	372
P/2003 S2	2003 10 02.99128	01 56 42.94	-00 30 57.1	16.7 N	A33
P/2003 S2	2003 10 03.01736	01 56 42.03	-00 31 02.2	16.6 N	A33
P/2003 S2	2003 10 03.22782	01 56 35.04	-00 31 41.5	16.7 T	785
P/2003 S2	2003 10 03.24448	01 56 34.47	-00 31 43.7	16.8 T	785
P/2003 S2	2003 10 03.25417	01 56 34.14	-00 31 47.3	16.9 T	785
P/2003 S2	2003 10 05.03162	01 55 33.04	-00 37 20.5		213
P/2003 S2	2003 10 05.03515	01 55 32.72	-00 37 21.8		213
P/2003 S2	2003 10 05.54975	01 55 14.47	-00 38 53.6	17.6 T	608
P/2003 S2	2003 10 05.56036	01 55 14.12	-00 38 55.8	18.7 T	608
P/2003 S2	2003 10 05.57108	01 55 13.69	-00 38 57.2	18.4 T	608

C/2003 S3 (LINEAR)

C/2003 S3	2003 09 27.37818	04 11 01.82	+28 54 42.2	20.1 T	704
C/2003 S3	2003 09 27.39175	04 11 01.26	+28 54 40.9	19.6 T	704
C/2003 S3	2003 09 27.40463	04 11 00.88	+28 54 40.5	19.4 T	704
C/2003 S3	2003 09 27.41877	04 11 00.41	+28 54 39.5	19.8 T	704
C/2003 S3	2003 09 27.98190	04 10 42.83	+28 53 26.6		246
C/2003 S3	2003 09 27.98260	04 10 42.77	+28 53 26.5		246
C/2003 S3	2003 09 27.98378	04 10 42.69	+28 53 26.3		246
C/2003 S3	2003 09 27.98478	04 10 42.68	+28 53 26.4		246
C/2003 S3	2003 09 27.98823	04 10 42.62	+28 53 26.4		246
C/2003 S3	2003 09 27.98940	04 10 42.57	+28 53 25.8		246
C/2003 S3	2003 09 28.43924	04 10 28.33	+28 52 27.9	19.0 T	673
C/2003 S3	2003 09 28.44282	04 10 28.20	+28 52 27.4	19.0 T	673
C/2003 S3	2003 09 28.44653	04 10 28.04	+28 52 26.8	19.0 T	673
C/2003 S3	2003 09 28.45487	04 10 27.80	+28 52 27.2	20.0 N	H36
C/2003 S3	2003 09 28.45683	04 10 27.71	+28 52 25.1	19.0 T	673
C/2003 S3	2003 09 28.46704	04 10 27.40	+28 52 24.8	20.1 N	H36
C/2003 S3	2003 09 28.47130	04 10 27.29	+28 52 23.9	19.0 T	673
C/2003 S3	2003 09 28.47477	04 10 27.17	+28 52 23.2	19.0 T	673
C/2003 S3	2003 09 28.89066	04 10 14.10	+28 51 29.9		2 118
C/2003 S3	2003 09 28.90438	04 10 13.35	+28 51 28.0		2 118
C/2003 S3	2003 09 29.43947	04 09 56.23	+28 50 17.9	19.0 T	673
C/2003 S3	2003 09 29.45139	04 09 55.78	+28 50 16.4		673
C/2003 S3	2003 09 29.45868	04 09 55.54	+28 50 15.2		673
C/2003 S3	2003 09 29.46435	04 09 55.42	+28 50 14.7		673
C/2003 S3	2003 09 29.46782	04 09 55.30	+28 50 14.2		673
C/2003 S3	2003 09 29.47118	04 09 55.17	+28 50 13.8		673
C/2003 S3	2003 09 30.73777	04 09 13.74	+28 47 25.9	19.4 T	360
C/2003 S3	2003 09 30.74167	04 09 13.45	+28 47 24.5	18.8 T	372
C/2003 S3	2003 09 30.74169	04 09 13.57	+28 47 25.5		360
C/2003 S3	2003 10 02.75000	04 08 05.65	+28 42 47.2	19.0 T	372
C/2003 S3	2003 10 05.11413	04 06 42.96	+28 37 07.1	20.1 N	4 J95
C/2003 S3	2003 10 05.12059	04 06 42.79	+28 37 06.3	19.5 N	4 J95
C/2003 S3	2003 10 05.12698	04 06 42.52	+28 37 04.6	20.1 N	4 J95

C/2003 S4 (LINEAR)

C/2003 S4	2003 09 26.16658	21 26 13.89	+33 15 41.1	19.4 N	5 704
C/2003 S4	2003 09 26.17875	21 26 13.97	+33 15 34.2	19.4 N	5 704
C/2003 S4	2003 09 26.20358	21 26 13.58	+33 15 22.9	19.3 N	5 704
C/2003 S4	2003 09 26.21588	21 26 13.65	+33 15 15.4	20.1 N	5 704
C/2003 S4	2003 09 27.16008	21 26 06.41	+33 07 10.6	19.3 N	704

C/2003 S4	2003 09 27.18462	21 26 06.17	+33 06 57.2	19.5 N	704
C/2003 S4	2003 09 27.19688	21 26 06.10	+33 06 50.6	19.3 N	704
C/2003 S4	2003 09 27.20913	21 26 05.99	+33 06 43.6	19.9 N	704
C/2003 S4	2003 09 28.14629	21 25 59.75	+32 58 37.0	19.2 N	704
C/2003 S4	2003 09 28.15863	21 25 59.48	+32 58 31.2	19.6 N	704
C/2003 S4	2003 09 28.17098	21 25 59.45	+32 58 24.7	19.3 N	704
C/2003 S4	2003 09 28.18345	21 25 59.42	+32 58 18.0	19.2 N	704
C/2003 S4	2003 09 28.19579	21 25 59.27	+32 58 10.9	19.3 N	704
C/2003 S4	2003 09 29.09800	21 25 54.10	+32 50 15.2	19.0 N	704
C/2003 S4	2003 09 29.11039	21 25 53.99	+32 50 09.0	19.5 N	704
C/2003 S4	2003 09 29.12355	21 25 53.89	+32 50 02.0	19.0 N	704
C/2003 S4	2003 09 29.13604	21 25 53.82	+32 49 56.4	19.6 N	704
C/2003 S4	2003 09 29.14886	21 25 53.75	+32 49 48.7	19.5 N	704
C/2003 S4	2003 09 30.05833	21 25 49.35	+32 41 46.0	19.9 N	850
C/2003 S4	2003 09 30.09757	21 25 49.05	+32 41 25.2	18.8 N	4 850
C/2003 S4	2003 09 30.12037	21 25 49.00	+32 41 11.8	18.5 T	673
C/2003 S4	2003 09 30.12500	21 25 48.98	+32 41 08.4	19.1 N	850
C/2003 S4	2003 09 30.12894	21 25 48.96	+32 41 07.3	18.5 T	673
C/2003 S4	2003 09 30.14363	21 25 48.85	+32 40 59.7	18.5 T	673
C/2003 S4	2003 09 30.16065	21 25 48.80	+32 40 50.2	18.5 T	673
C/2003 S4	2003 09 30.16530	21 25 48.67	+32 40 49.5	19.2 N	704
C/2003 S4	2003 09 30.17738	21 25 48.88	+32 40 38.9	20.1 N	704
C/2003 S4	2003 09 30.17798	21 25 48.65	+32 40 39.7	20.3 N	704
C/2003 S4	2003 09 30.19073	21 25 48.58	+32 40 33.4	19.5 N	704
C/2003 S4	2003 09 30.19252	21 25 48.59	+32 40 32.8	19.2 N	448
C/2003 S4	2003 09 30.19398	21 25 48.59	+32 40 32.6	18.5 T	673
C/2003 S4	2003 09 30.19609	21 25 48.58	+32 40 30.6	19.1 N	448
C/2003 S4	2003 09 30.19966	21 25 48.57	+32 40 28.7	19.0 N	448
C/2003 S4	2003 09 30.20509	21 25 48.54	+32 40 26.3	19.5 N	704
C/2003 S4	2003 09 30.21574	21 25 48.49	+32 40 20.7	18.5 T	673
C/2003 S4	2003 09 30.21583	21 25 48.37	+32 40 20.0	19.4 N	704
C/2003 S4	2003 09 30.21871	21 25 48.42	+32 40 19.2	19.2 N	704
C/2003 S4	2003 09 30.22064	21 25 48.46	+32 40 17.8	18.6 N	G90
C/2003 S4	2003 09 30.22511	21 25 48.45	+32 40 15.4	18.6 N	G90
C/2003 S4	2003 09 30.22952	21 25 48.38	+32 40 12.8	18.5 N	G90
C/2003 S4	2003 09 30.30676	21 25 48.01	+32 39 31.5	18.5 N	651
C/2003 S4	2003 09 30.31074	21 25 47.99	+32 39 29.7	18.6 N	651
C/2003 S4	2003 09 30.77095	21 25 46.32	+32 35 21.5		557
C/2003 S4	2003 09 30.81568	21 25 46.05	+32 34 58.0	18.2 T	106
C/2003 S4	2003 09 30.83513	21 25 45.96	+32 34 47.4	18.9 T	106
C/2003 S4	2003 09 30.89353	21 25 45.67	+32 34 16.0	18.1 T	106
C/2003 S4	2003 09 30.89369	21 25 45.71	+32 34 15.3		557
C/2003 S4	2003 10 01.11867	21 25 45.00	+32 32 15.0	18.7 N	G90
C/2003 S4	2003 10 01.12279	21 25 44.96	+32 32 12.7	18.6 N	G90
C/2003 S4	2003 10 01.12690	21 25 44.94	+32 32 11.1	18.9 N	G90
C/2003 S4	2003 10 01.14132	21 25 44.87	+32 32 03.3	18.5 T	673
C/2003 S4	2003 10 01.14953	21 25 44.84	+32 31 58.5		673
C/2003 S4	2003 10 01.18862	21 25 44.57	+32 31 36.1	19.9 N	448
C/2003 S4	2003 10 01.20139	21 25 44.59	+32 31 29.7		673
C/2003 S4	2003 10 01.23670	21 25 44.41	+32 31 12.2	18.8 T	651
C/2003 S4	2003 10 01.24012	21 25 44.41	+32 31 09.3	18.9 T	651
C/2003 S4	2003 10 01.24350	21 25 44.39	+32 31 07.5	18.9 T	651
C/2003 S4	2003 10 01.25079	21 25 44.36	+32 31 02.7	19.2 N	448

2003 OCT. 10

M.P.C. 49757

C/2003 S4	2003 10 01.25556	21 25 44.37	+32 31 01.4		673	2P	2003 09 18.75205	02 27 14.65	+30 35 51.6	17.4 T	349
C/2003 S4	2003 10 01.25831	21 25 44.29	+32 30 58.8	19.3 B	448	2P	2003 09 18.88632	02 27 12.25	+30 37 50.4	17.2 T	215
C/2003 S4	2003 10 01.26296	21 25 44.34	+32 30 57.1		673	2P	2003 09 18.88672	02 27 12.20	+30 37 50.3	17.5 T	215
C/2003 S4	2003 10 01.26545	21 25 44.29	+32 30 55.0	18.7 N	448	2P	2003 09 18.88712	02 27 12.21	+30 37 50.8	17.2 T	215
C/2003 S4	2003 10 01.26840	21 25 44.31	+32 30 54.5		673	2P	2003 09 18.90274	02 27 11.81	+30 38 04.8		A46
C/2003 S4	2003 10 02.15313	21 25 41.74	+32 22 53.5	19.6 N	850	2P	2003 09 18.90725	02 27 11.71	+30 38 09.9		A46
C/2003 S4	2003 10 02.19410	21 25 41.57	+32 22 30.9	19.5 N	850	2P	2003 09 18.90837	02 27 11.65	+30 38 11.1		A46
C/2003 S4	2003 10 02.28318	21 25 41.40	+32 21 42.7	18.6 T	H41	2P	2003 09 18.90949	02 27 11.69	+30 38 11.9		A46
C/2003 S4	2003 10 02.29007	21 25 41.32	+32 21 38.0	18.6 T	H41	2P	2003 09 18.91062	02 27 11.59	+30 38 12.8		A46
C/2003 S4	2003 10 02.29817	21 25 41.32	+32 21 34.4	18.5 T	H41	2P	2003 09 18.91176	02 27 11.60	+30 38 14.1		A46
C/2003 S4	2003 10 02.58611	21 25 40.61	+32 18 56.7	18.5 T	372	2P	2003 09 18.94431	02 27 10.92	+30 38 44.2		048
C/2003 S4	2003 10 02.59023	21 25 40.61	+32 18 54.6	18.6 T	360	2P	2003 09 18.94725	02 27 10.79	+30 38 47.0		048
C/2003 S4	2003 10 02.59485	21 25 40.61	+32 18 51.8		360	2P	2003 09 18.95020	02 27 10.66	+30 38 49.2		048
C/2003 S4	2003 10 02.59931	21 25 40.62	+32 18 49.3		360	2P	2003 09 18.95315	02 27 10.56	+30 38 52.1		048
C/2003 S4	2003 10 02.87130	21 25 40.12	+32 16 19.9	18.4 N	A33	2P	2003 09 18.95610	02 27 10.47	+30 38 55.6		048
C/2003 S4	2003 10 02.94419	21 25 39.93	+32 15 39.9	18.0 N	A33	2P	2003 09 18.98792	02 27 09.82	+30 39 21.3		235
C/2003 S4	2003 10 03.27831	21 25 39.27	+32 12 37.2	17.8 T	785	2P	2003 09 19.01968	02 27 08.97	+30 39 54.1		204
C/2003 S4	2003 10 05.00997	21 25 38.21	+31 56 35.6	19.0 N	J95	2P	2003 09 19.02192	02 27 08.93	+30 39 56.0		204
C/2003 S4	2003 10 05.01634	21 25 38.24	+31 56 31.1		J95	2P	2003 09 19.02415	02 27 08.88	+30 39 58.0	17.3 T	204
C/2003 S4	2003 10 05.87399	21 25 38.84	+31 48 31.9	18.6 T	213	2P	2003 09 19.89748	02 26 47.92	+30 53 20.7		A46
C/2003 S4	2003 10 05.88600	21 25 38.80	+31 48 26.1	18.6 T	213	2P	2003 09 19.90086	02 26 47.80	+30 53 24.6		A46
C/2003 S4	2003 10 05.88865	21 25 38.80	+31 48 24.5	18.6 T	213	2P	2003 09 19.90198	02 26 47.78	+30 53 25.6		A46
						2P	2003 09 19.90424	02 26 47.74	+30 53 27.5		A46
						2P	2003 09 19.90536	02 26 47.66	+30 53 28.4		A46
						2P	2003 09 19.90874	02 26 47.58	+30 53 31.7		A46
2P	2003 09 06.03233	02 27 57.86	+27 40 06.1	17.6 T	A32	2P	2003 09 19.98769	02 26 45.61	+30 54 46.9	17.3 T	939
2P	2003 09 06.03674	02 27 57.88	+27 40 10.0	17.7 T	A32	2P	2003 09 19.99811	02 26 45.21	+30 54 56.7	17.2 T	939
2P	2003 09 06.04115	02 27 57.95	+27 40 12.8	17.8 T	A32	2P	2003 09 20.00160	02 26 45.07	+30 54 59.9	17.3 T	939
2P	2003 09 06.04557	02 27 57.99	+27 40 16.6	17.9 T	A32	2P	2003 09 20.08940	02 26 42.39	+30 56 20.8		246
2P	2003 09 06.04998	02 27 58.03	+27 40 19.7	17.8 T	A32	2P	2003 09 20.09013	02 26 42.37	+30 56 21.3		246
2P	2003 09 07.24437	02 28 10.45	+27 55 39.1	17.6 N	859	2P	2003 09 20.09106	02 26 42.33	+30 56 22.2		246
2P	2003 09 07.25232	02 28 10.77	+27 55 47.4	18.1 N	859	2P	2003 09 20.09174	02 26 42.32	+30 56 22.8		246
2P	2003 09 07.26040	02 28 10.86	+27 55 51.7	17.5 N	859	2P	2003 09 20.09264	02 26 42.30	+30 56 23.6		246
2P	2003 09 11.98301	02 28 30.27	+28 58 18.4	17.2 N	213	2P	2003 09 20.09352	02 26 42.27	+30 56 24.5		246
2P	2003 09 11.99152	02 28 30.24	+28 58 26.5	17.2 N	213	2P	2003 09 20.22266	02 26 39.38	+30 58 25.9	17.4 N	H44
2P	2003 09 11.99807	02 28 30.15	+28 58 31.0	17.2 N	213	2P	2003 09 20.26465	02 26 38.08	+30 59 05.7	17.1 T	H41
2P	2003 09 12.97386	02 28 27.56	+29 11 58.6	17.5 N	J87	2P	2003 09 20.27111	02 26 37.94	+30 59 12.2	17.2 T	H41
2P	2003 09 12.97971	02 28 27.53	+29 12 03.5	17.6 N	J87	2P	2003 09 20.92537	02 26 19.42	+31 09 22.8	17.1 T	213
2P	2003 09 12.98558	02 28 27.47	+29 12 08.2	17.6 N	J87	2P	2003 09 20.92874	02 26 19.24	+31 09 26.9	17.1 T	213
2P	2003 09 17.84626	02 27 33.53	+30 22 09.3	17.5 T	235	2P	2003 09 20.93137	02 26 19.21	+31 09 28.8	17.1 T	213
2P	2003 09 17.90231	02 27 32.40	+30 22 59.5		A46	2P	2003 09 20.94444	02 26 18.67	+31 09 41.8	17.6 T	235
2P	2003 09 17.90570	02 27 32.31	+30 23 02.9		A46	2P	2003 09 20.95684	02 26 18.26	+31 09 52.9		048
2P	2003 09 17.90909	02 27 32.18	+30 23 06.4		A46	2P	2003 09 20.95879	02 26 18.27	+31 09 54.7	17.3 T	232
2P	2003 09 17.91247	02 27 32.10	+30 23 08.9		A46	2P	2003 09 20.95975	02 26 18.20	+31 09 55.9		048
2P	2003 09 17.91414	02 27 32.22	+30 23 09.9	16.6 N	213	2P	2003 09 20.96356	02 26 18.10	+31 09 59.1	17.8 N	130
2P	2003 09 17.91583	02 27 32.12	+30 23 11.9		A46	2P	2003 09 20.96653	02 26 18.12	+31 10 02.5	17.3 T	232
2P	2003 09 17.91659	02 27 32.16	+30 23 12.6	16.6 N	213	2P	2003 09 20.96760	02 26 17.97	+31 10 02.9	18.0 N	130
2P	2003 09 17.92174	02 27 32.10	+30 23 17.5	16.6 N	213	2P	2003 09 20.96998	02 26 17.85	+31 10 05.7		048
2P	2003 09 17.92257	02 27 31.99	+30 23 19.8		A46	2P	2003 09 20.97175	02 26 17.83	+31 10 07.6	17.9 N	130
2P	2003 09 18.00873	02 27 30.22	+30 24 34.9	17.2 N	967	2P	2003 09 20.97424	02 26 17.81	+31 10 11.0	17.3 T	232
2P	2003 09 18.01338	02 27 30.13	+30 24 40.0	16.8 N	967	2P	2003 09 20.97561	02 26 17.76	+31 10 11.2	17.5 T	504
2P	2003 09 18.73906	02 27 14.99	+30 35 39.7		349	2P	2003 09 20.97580	02 26 17.71	+31 10 12.0		048
2P	2003 09 18.74200	02 27 14.89	+30 35 42.5		349	2P	2003 09 20.97780	02 26 17.66	+31 10 13.4	17.6 T	504
2P	2003 09 18.74844	02 27 14.69	+30 35 49.3		349	2P					

2P	2003 09 20.97870	02 26 17.60	+31 10 14.2		048	2P	2003 09 26.61151	02 22 20.85	+32 43 17.9		340
2P	2003 09 20.98006	02 26 17.59	+31 10 15.7	17.2 T	504	2P	2003 09 26.61455	02 22 20.62	+32 43 21.3	16.0 T	340
2P	2003 09 20.98226	02 26 17.52	+31 10 17.3	17.4 T	504	2P	2003 09 26.71873	02 22 14.47	+32 45 10.5	15.1 T	360
2P	2003 09 20.99009	02 26 17.28	+31 10 24.9	17.5 T	504	2P	2003 09 26.72127	02 22 14.32	+32 45 13.0		360
2P	2003 09 21.02197	02 26 16.12	+31 10 55.6	17.3 T	A32	2P	2003 09 26.87280	02 22 06.31	+32 47 47.2		A46
2P	2003 09 21.02637	02 26 15.98	+31 11 00.0	17.2 T	A32	2P	2003 09 26.87573	02 22 06.10	+32 47 50.0		A46
2P	2003 09 21.03080	02 26 15.85	+31 11 04.3	17.1 T	A32	2P	2003 09 26.88456	02 22 05.57	+32 47 59.7		A46
2P	2003 09 21.03521	02 26 15.67	+31 11 08.4	17.1 T	A32	2P	2003 09 26.88603	02 22 05.49	+32 48 01.1		A46
2P	2003 09 21.05848	02 26 15.16	+31 11 31.2	16.9 N	212	2P	2003 09 26.89045	02 22 05.22	+32 48 05.9		A46
2P	2003 09 21.06111	02 26 15.06	+31 11 33.8	16.9 N	212	2P	2003 09 26.89486	02 22 04.95	+32 48 10.9		A46
2P	2003 09 21.06458	02 26 14.91	+31 11 37.9	16.9 N	212	2P	2003 09 27.25086	02 21 44.47	+32 54 22.4		642
2P	2003 09 21.23137	02 26 10.07	+31 14 14.9	16.9 N	H44	2P	2003 09 27.25399	02 21 44.25	+32 54 25.8		642
2P	2003 09 21.24029	02 26 09.77	+31 14 23.0	16.5 N	H44	2P	2003 09 27.25708	02 21 44.08	+32 54 29.2		642
2P	2003 09 21.87325	02 25 49.34	+31 24 23.8		A46	2P	2003 09 28.19726	02 20 46.48	+33 11 09.5	14.9 N	H44
2P	2003 09 21.87436	02 25 49.30	+31 24 25.7		A46	2P	2003 09 28.23138	02 20 44.29	+33 11 42.4		642
2P	2003 09 21.87994	02 25 49.08	+31 24 30.0		A46	2P	2003 09 28.23427	02 20 44.15	+33 11 45.6		642
2P	2003 09 21.88221	02 25 49.05	+31 24 32.1		A46	2P	2003 09 28.23715	02 20 43.93	+33 11 48.5		642
2P	2003 09 21.88333	02 25 48.99	+31 24 32.6		A46	2P	2003 09 28.24284	02 20 43.41	+33 11 59.5	16.4 T	H41
2P	2003 09 21.88560	02 25 48.94	+31 24 35.2		A46	2P	2003 09 28.24622	02 20 43.23	+33 12 03.6	16.5 T	H41
2P	2003 09 22.76007	02 25 17.38	+31 38 43.5		349	2P	2003 09 28.25997	02 20 42.25	+33 12 17.8	15.0 N	H44
2P	2003 09 22.76370	02 25 17.19	+31 38 47.3		349	2P	2003 09 28.68086	02 20 14.49	+33 19 50.6	17.1 T	900
2P	2003 09 22.76734	02 25 17.07	+31 38 51.1		349	2P	2003 09 28.69441	02 20 13.54	+33 20 05.4	16.9 T	900
2P	2003 09 22.77097	02 25 16.94	+31 38 54.0	16.7 T	349	2P	2003 09 29.22326	02 19 37.96	+33 29 32.6		642
2P	2003 09 23.21752	02 25 00.66	+31 46 07.0	17.3 N	642	2P	2003 09 29.22615	02 19 37.71	+33 29 36.4		642
2P	2003 09 23.22082	02 25 00.45	+31 46 09.3		642	2P	2003 09 29.22905	02 19 37.57	+33 29 39.9		642
2P	2003 09 23.22816	02 25 00.17	+31 46 16.4		642	2P	2003 09 29.70485	02 19 02.97	+33 38 25.3	16.1 T	349
2P	2003 09 23.99072	02 24 28.73	+31 58 50.8	16.6 N	967	2P	2003 09 29.70708	02 19 02.84	+33 38 27.2		349
2P	2003 09 23.99951	02 24 28.38	+31 58 59.3	16.6 N	967	2P	2003 09 29.70932	02 19 02.65	+33 38 29.7		349
2P	2003 09 24.21227	02 24 19.77	+32 02 27.6	17.0 N	642	2P	2003 09 30.55788	02 17 59.36	+33 54 07.7		340
2P	2003 09 24.21885	02 24 19.12	+32 02 36.4		642	2P	2003 09 30.56059	02 17 59.18	+33 54 11.6		340
2P	2003 09 24.22322	02 24 18.90	+32 02 40.6		642	2P	2003 09 30.56281	02 17 58.98	+33 54 14.3	16.4 T	340
2P	2003 09 24.94671	02 23 45.85	+32 14 48.0		A46	2P	2003 09 30.69988	02 17 47.69	+33 56 49.2		360
2P	2003 09 24.94784	02 23 45.82	+32 14 49.5		A46	2P	2003 09 30.70229	02 17 47.49	+33 56 51.9		360
2P	2003 09 24.94897	02 23 45.78	+32 14 51.5		A46	2P	2003 09 30.88775	02 17 33.24	+34 00 14.5	16.3 T	235
2P	2003 09 24.95009	02 23 45.70	+32 14 52.9		A46	2P	2003 09 30.92080	02 17 30.47	+34 00 53.8		A46
2P	2003 09 24.95123	02 23 45.63	+32 14 53.8		A46	2P	2003 09 30.92193	02 17 30.36	+34 00 54.3		A46
2P	2003 09 24.95348	02 23 45.51	+32 14 56.2		A46	2P	2003 09 30.92306	02 17 30.24	+34 00 55.8		A46
2P	2003 09 25.03712	02 23 41.45	+32 16 22.9	16.7 T	235	2P	2003 09 30.92418	02 17 30.17	+34 00 57.3		A46
2P	2003 09 25.23873	02 23 32.03	+32 19 47.1	16.9 N	H44	2P	2003 09 30.92532	02 17 30.07	+34 00 58.3		A46
2P	2003 09 25.24914	02 23 31.49	+32 19 57.4	17.2 N	H44	2P	2003 09 30.92645	02 17 29.93	+34 00 59.8		A46
2P	2003 09 25.31069	02 23 28.28	+32 21 00.7	17.0 N	H44	2P	2003 10 01.89260	02 16 09.43	+34 19 13.2	15.8 N	213
2P	2003 09 25.32961	02 23 27.27	+32 21 21.4	16.8 T	H41	2P	2003 10 01.89502	02 16 09.19	+34 19 14.8	15.8 N	213
2P	2003 09 25.33637	02 23 26.92	+32 21 28.2	16.7 T	H41	2P	2003 10 01.89638	02 16 09.08	+34 19 17.6	15.8 N	213
2P	2003 09 25.87719	02 23 00.17	+32 30 35.7	16.7 T	A41	2P	2003 10 02.25731	02 15 36.95	+34 26 13.5	16.1 T	750
2P	2003 09 25.91090	02 22 58.36	+32 31 11.3	16.8 T	A41	2P	2003 10 02.26075	02 15 36.61	+34 26 17.4	16.2 T	750
2P	2003 09 25.92100	02 22 57.83	+32 31 21.4	17.1 T	A41	2P	2003 10 02.26455	02 15 36.27	+34 26 21.3	16.4 T	750
2P	2003 09 26.24041	02 22 41.12	+32 36 48.4		642	2P	2003 10 02.29869	02 15 33.27	+34 27 02.8	16.2 T	704
2P	2003 09 26.24372	02 22 40.94	+32 36 52.4		642	2P	2003 10 02.32285	02 15 30.81	+34 27 32.1	16.1 T	H41
2P	2003 09 26.24703	02 22 40.74	+32 36 56.1		642	2P	2003 10 02.32756	02 15 30.31	+34 27 36.9	16.1 T	H41
2P	2003 09 26.28669	02 22 38.30	+32 37 42.6	16.6 T	H41	2P	2003 10 02.33963	02 15 29.38	+34 27 50.0	16.9 T	704
2P	2003 09 26.29192	02 22 38.04	+32 37 47.5	16.6 T	H41	2P	2003 10 02.35237	02 15 28.19	+34 28 05.1	16.7 T	704
2P	2003 09 26.60486	02 22 21.19	+32 43 10.6		340	2P	2003 10 04.39650	02 12 08.60	+35 08 04.4	16.5 T	683
2P	2003 09 26.60752	02 22 21.08	+32 43 13.2		340	2P	2003 10 04.40260	02 12 07.93	+35 08 11.7	16.5 T	683

2003 OCT. 10

M.P.C. 49759

2P	2003 10 04.40777	02 12 07.37	+35 08 17.8	16.5 T	683
2P	2003 10 04.41276	02 12 06.82	+35 08 24.0	16.8 T	691
2P	2003 10 04.44122	02 12 03.67	+35 08 57.6	16.8 T	691
2P	2003 10 04.46875	02 12 00.63	+35 09 30.0	16.8 T	691
2P	2003 10 04.62770	02 11 44.48	+35 12 41.0	17.0 N	379
2P	2003 10 04.68941	02 11 37.47	+35 13 53.7	17.4 N	379
2P	2003 10 04.69152	02 11 37.21	+35 13 56.2	17.3 N	379
2P	2003 10 04.69362	02 11 37.10	+35 13 59.3	17.5 N	379
2P	2003 10 04.91087	02 11 14.12	+35 18 18.3	16.3 N	213
2P	2003 10 04.91257	02 11 13.94	+35 18 20.3	16.4 T	232
2P	2003 10 04.92030	02 11 13.10	+35 18 30.1	16.3 T	232
2P	2003 10 04.92345	02 11 12.69	+35 18 33.5	16.3 N	213
2P	2003 10 04.92457	02 11 12.58	+35 18 34.8	16.3 N	213
2P	2003 10 04.92803	02 11 12.18	+35 18 39.4	16.4 T	232
2P	2003 10 06.16552	02 08 50.21	+35 43 47.1	16.2 T	750
2P	2003 10 06.17060	02 08 49.60	+35 43 53.5	16.0 T	750
2P	2003 10 06.17646	02 08 48.88	+35 44 00.7	16.0 T	750
22P/Kopff					
22P	2003 09 08.75605	03 04 28.49	+11 03 55.6	16.5 T	360
22P	2003 09 08.75990	03 04 28.46	+11 03 54.7		360
22P	2003 09 20.22963	03 01 45.13	+10 31 34.8	18.5 N	H44
22P	2003 09 20.36041	03 01 42.10	+10 31 09.6	18.8 T	704
22P	2003 09 20.37256	03 01 41.68	+10 31 07.9	19.3 T	704
22P	2003 09 20.38530	03 01 41.39	+10 31 04.4	19.7 T	704
22P	2003 09 20.39762	03 01 41.00	+10 31 03.3	19.9 T	704
22P	2003 09 20.40973	03 01 40.73	+10 30 55.9	19.5 T	704
22P	2003 09 21.05821	03 01 25.55	+10 28 43.0	16.4 N	A18
22P	2003 09 21.07406	03 01 25.15	+10 28 40.0	16.9 N	A18
22P	2003 09 21.09723	03 01 24.68	+10 28 36.6		118
22P	2003 09 21.10575	03 01 23.52	+10 28 34.7	16.5 N	A18
22P	2003 09 21.10714	03 01 24.31	+10 28 34.6		118
22P	2003 09 22.70676	03 00 44.06	+10 23 04.5		349
22P	2003 09 22.70968	03 00 43.86	+10 23 04.2		349
22P	2003 09 22.72148	03 00 43.56	+10 23 02.0		349
22P	2003 09 22.72510	03 00 43.40	+10 23 01.1		349
22P	2003 09 22.73024	03 00 43.39	+10 23 00.4	17.1 T	349
22P	2003 09 25.32076	02 59 30.21	+10 13 38.8	18.5 N	H41
22P	2003 09 25.32420	02 59 29.84	+10 13 34.7	18.4 N	H41
22P	2003 09 25.87159	02 59 13.42	+10 11 35.7	18.5 N	215
22P	2003 09 25.87282	02 59 13.36	+10 11 35.0	18.8 N	215
22P	2003 09 28.26830	02 57 55.87	+10 02 25.0	18.4 N	H41
22P	2003 09 28.27595	02 57 55.32	+10 02 20.1	18.5 N	H41
22P	2003 09 28.29911	02 57 54.66	+10 02 19.8	19.2 T	704
22P	2003 09 28.31211	02 57 54.04	+10 02 17.6	19.7 T	704
22P	2003 09 28.32495	02 57 53.48	+10 02 14.4	19.8 T	704
22P	2003 09 28.33806	02 57 53.14	+10 02 09.8	19.8 T	704
22P	2003 09 28.35111	02 57 52.52	+10 02 06.7	19.8 T	704
22P	2003 09 28.72816	02 57 39.58	+10 00 38.5	18.7 T	900
22P	2003 09 28.73478	02 57 39.39	+10 00 33.0	17.5 T	900
22P	2003 10 02.33162	02 55 27.04	+09 46 04.7	17.8 N	H41
22P	2003 10 02.33498	02 55 27.17	+09 46 01.4	17.7 N	H41
22P	2003 10 02.69615	02 55 12.49	+09 44 36.6	16.4 T	360

22P	2003 10 02.70087	02 55 12.29	+09 44 35.1		360
22P	2003 10 03.02913	02 54 59.45	+09 43 08.9	16.4 N	A33
28P/Neujmin					
28P	2003 09 05.14171	06 05 04.64	+36 50 49.4	18.6 T	204
28P	2003 09 05.14793	06 05 05.03	+36 50 51.0	18.4 T	204
28P	2003 09 19.03461	06 17 10.49	+37 40 11.1	18.3 T	204
28P	2003 09 19.04215	06 17 10.90	+37 40 12.5	18.6 T	204
28P	2003 09 19.04937	06 17 11.19	+37 40 14.2	18.4 T	204
28P	2003 09 26.80079	06 22 11.35	+38 09 04.7	18.5 N	360
28P	2003 09 26.80567	06 22 11.52	+38 09 05.6		360
29P/Schwassmann-Wachmann					
29P	2003 09 05.96417	22 30 22.74	-03 58 58.0	14.9 N	A32
29P	2003 09 05.97005	22 30 22.57	-03 58 58.5	14.8 N	A32
29P	2003 09 07.05345	22 29 53.11	-04 01 07.0		A46
29P	2003 09 07.05434	22 29 53.05	-04 01 07.7		A46
29P	2003 09 07.05524	22 29 53.02	-04 01 07.0		A46
29P	2003 09 07.05613	22 29 53.05	-04 01 06.6		A46
29P	2003 09 07.05882	22 29 52.98	-04 01 07.0		A46
29P	2003 09 07.06063	22 29 52.87	-04 01 08.3		A46
29P	2003 09 07.07115	22 29 52.72	-04 01 06.8	17.1 N	859
29P	2003 09 07.08653	22 29 52.26	-04 01 10.3	16.6 N	859
29P	2003 09 07.10589	22 29 51.77	-04 01 11.8	16.8 N	859
29P	2003 09 10.84645	22 28 11.36	-04 08 40.4	15.4 N	213
29P	2003 09 10.84954	22 28 11.40	-04 08 40.4	15.4 N	213
29P	2003 09 10.85184	22 28 11.24	-04 08 40.9	15.4 N	213
29P	2003 09 10.93491	22 28 08.77	-04 08 54.1	15.3 N	442
29P	2003 09 10.93844	22 28 08.64	-04 08 52.9	15.3 N	442
29P	2003 09 10.94028	22 28 08.82	-04 08 49.9	15.4 N	442
29P	2003 09 12.86179	22 27 18.35	-04 12 40.4	15.1 N	213
29P	2003 09 12.86346	22 27 18.30	-04 12 40.5	15.1 N	213
29P	2003 09 12.86578	22 27 18.31	-04 12 41.0	15.1 N	213
29P	2003 09 12.95235	22 27 15.99	-04 12 51.2	15.1 N	939
29P	2003 09 12.95997	22 27 15.78	-04 12 51.6	15.2 N	939
29P	2003 09 12.96759	22 27 15.56	-04 12 52.4	15.1 N	939
29P	2003 09 13.55273	22 27 00.39	-04 14 02.6		349
29P	2003 09 13.55523	22 27 00.36	-04 14 02.5		349
29P	2003 09 13.55718	22 27 00.27	-04 14 02.9		349
29P	2003 09 13.56227	22 27 00.10	-04 14 03.4	14.1 T	349
29P	2003 09 13.67293	22 26 57.25	-04 14 16.6	16.4 N	347
29P	2003 09 13.69291	22 26 56.62	-04 14 18.7	17.0 N	347
29P	2003 09 13.94154	22 26 50.29	-04 14 48.7	15.4 N	442
29P	2003 09 13.94240	22 26 50.34	-04 14 49.1	15.4 N	442
29P	2003 09 13.95612	22 26 49.92	-04 14 50.6	15.9 N	A18
29P	2003 09 14.01121	22 26 48.48	-04 14 57.0	15.9 N	A18
29P	2003 09 14.10507	22 26 46.11	-04 15 06.3		834
29P	2003 09 14.12968	22 26 45.49	-04 15 09.1		834
29P	2003 09 14.16199	22 26 44.62	-04 15 12.3		834
29P	2003 09 14.82402	22 26 27.82	-04 16 33.3		108
29P	2003 09 14.83207	22 26 27.55	-04 16 33.9		108
29P	2003 09 14.83762	22 26 27.39	-04 16 35.2		108
29P	2003 09 14.84005	22 26 27.28	-04 16 35.9	16.6 T	108
29P	2003 09 14.84284	22 26 27.23	-04 16 37.1		048

M.P.C. 49760

2003 OCT. 10

29P	2003 09 14.84575	22 26 27.16	-04 16 37.3		048	29P	2003 09 18.80785	22 24 48.02	-04 24 22.8	15.4 N	213
29P	2003 09 14.86219	22 26 26.75	-04 16 38.9		048	29P	2003 09 18.81105	22 24 47.94	-04 24 23.3	15.4 N	213
29P	2003 09 14.86331	22 26 26.71	-04 16 38.9		048	29P	2003 09 18.81215	22 24 47.91	-04 24 23.5	15.4 N	213
29P	2003 09 14.86556	22 26 26.62	-04 16 38.7		048	29P	2003 09 18.82955	22 24 47.58	-04 24 25.5		048
29P	2003 09 15.81953	22 26 02.35	-04 18 31.9	16.1 N	215	29P	2003 09 18.83521	22 24 47.44	-04 24 26.2		048
29P	2003 09 15.82003	22 26 02.32	-04 18 31.4	16.3 N	215	29P	2003 09 18.83742	22 24 47.37	-04 24 26.3		048
29P	2003 09 15.82056	22 26 02.32	-04 18 31.7	16.2 N	215	29P	2003 09 18.84029	22 24 47.21	-04 24 26.5		107
29P	2003 09 15.82674	22 26 02.17	-04 18 32.2		048	29P	2003 09 18.84074	22 24 47.29	-04 24 26.6		048
29P	2003 09 15.82784	22 26 02.17	-04 18 33.0		048	29P	2003 09 18.84296	22 24 47.24	-04 24 27.2		048
29P	2003 09 15.82894	22 26 02.14	-04 18 32.8		048	29P	2003 09 18.85164	22 24 47.00	-04 24 28.1	15.7 N	945
29P	2003 09 15.83115	22 26 02.12	-04 18 33.4		048	29P	2003 09 18.85172	22 24 46.93	-04 24 27.9		107
29P	2003 09 15.83337	22 26 02.03	-04 18 33.6		048	29P	2003 09 18.85567	22 24 46.95	-04 24 28.3	15.7 N	945
29P	2003 09 15.85936	22 26 01.32	-04 18 36.7		107	29P	2003 09 18.85799	22 24 46.87	-04 24 28.4	15.8 N	945
29P	2003 09 15.86508	22 26 01.18	-04 18 37.3		107	29P	2003 09 18.86602	22 24 46.58	-04 24 29.6		107
29P	2003 09 15.87080	22 26 01.02	-04 18 38.1		107	29P	2003 09 18.92748	22 24 44.97	-04 24 36.5	15.7 N	235
29P	2003 09 15.93128	22 25 59.52	-04 18 45.1	15.6 N	235	29P	2003 09 18.95285	22 24 44.49	-04 24 40.1	15.7 N	458
29P	2003 09 16.17873	22 25 53.18	-04 19 11.9		834	29P	2003 09 18.95753	22 24 44.24	-04 24 40.9	15.7 N	442
29P	2003 09 16.82830	22 25 36.81	-04 20 31.7		048	29P	2003 09 18.95889	22 24 44.28	-04 24 40.1	15.7 N	442
29P	2003 09 16.84765	22 25 36.47	-04 20 33.5		048	29P	2003 09 18.96089	22 24 44.26	-04 24 40.8	15.7 N	442
29P	2003 09 16.85104	22 25 36.39	-04 20 34.0		048	29P	2003 09 18.96514	22 24 44.13	-04 24 41.0	15.6 N	442
29P	2003 09 16.85328	22 25 36.34	-04 20 34.1		048	29P	2003 09 19.02120	22 24 42.65	-04 24 48.5		A46
29P	2003 09 16.85666	22 25 36.30	-04 20 34.1		048	29P	2003 09 19.02345	22 24 42.60	-04 24 48.5		A46
29P	2003 09 16.87477	22 25 35.69	-04 20 35.4	15.5 N	235	29P	2003 09 19.02457	22 24 42.66	-04 24 48.2		A46
29P	2003 09 16.96910	22 25 33.36	-04 20 47.4	16.7 N	J90	29P	2003 09 19.02571	22 24 42.69	-04 24 48.8		A46
29P	2003 09 16.97466	22 25 33.25	-04 20 48.7	16.9 N	J90	29P	2003 09 19.02795	22 24 42.65	-04 24 49.7		A46
29P	2003 09 16.97892	22 25 33.11	-04 20 48.9	16.8 N	J90	29P	2003 09 19.03132	22 24 42.57	-04 24 49.4		A46
29P	2003 09 16.98322	22 25 32.98	-04 20 48.7	17.0 N	J90	29P	2003 09 19.86755	22 24 22.47	-04 26 24.9	15.7 N	232
29P	2003 09 16.98753	22 25 32.89	-04 20 49.6	16.9 N	J90	29P	2003 09 19.87649	22 24 22.05	-04 26 26.2	15.7 N	232
29P	2003 09 16.99184	22 25 32.78	-04 20 50.7	17.0 N	J90	29P	2003 09 19.87907	22 24 22.11	-04 26 26.4	16.3 N	J87
29P	2003 09 17.03131	22 25 31.76	-04 20 55.9		A46	29P	2003 09 19.88216	22 24 22.05	-04 26 27.2	16.3 N	J87
29P	2003 09 17.03244	22 25 31.69	-04 20 57.1		A46	29P	2003 09 19.88414	22 24 21.87	-04 26 26.2	15.7 N	232
29P	2003 09 17.03582	22 25 31.74	-04 20 56.2		A46	29P	2003 09 19.88523	22 24 21.92	-04 26 27.9	16.3 N	J87
29P	2003 09 17.03696	22 25 31.73	-04 20 55.4		A46	29P	2003 09 19.88662	22 24 21.90	-04 26 27.5	15.7 N	442
29P	2003 09 17.03808	22 25 31.60	-04 20 55.2		A46	29P	2003 09 19.88834	22 24 21.77	-04 26 27.9	16.9 N	J87
29P	2003 09 17.04032	22 25 31.58	-04 20 56.3		A46	29P	2003 09 19.88910	22 24 21.80	-04 26 27.6	15.8 N	442
29P	2003 09 17.82853	22 25 12.09	-04 22 28.2	15.6 N	213	29P	2003 09 19.89644	22 24 21.63	-04 26 28.5	15.8 N	442
29P	2003 09 17.82956	22 25 12.03	-04 22 28.9	15.6 N	213	29P	2003 09 19.89751	22 24 21.61	-04 26 28.8	15.8 N	442
29P	2003 09 17.83367	22 25 11.95	-04 22 29.0	15.6 N	213	29P	2003 09 19.91663	22 24 21.14	-04 26 30.7	15.6 N	939
29P	2003 09 17.83861	22 25 11.80	-04 22 28.1	15.6 N	235	29P	2003 09 19.92144	22 24 21.02	-04 26 31.4	15.6 N	939
29P	2003 09 17.84332	22 25 11.69	-04 22 30.3		107	29P	2003 09 19.92627	22 24 20.89	-04 26 32.0	15.6 N	939
29P	2003 09 17.85328	22 25 11.44	-04 22 31.3		107	29P	2003 09 19.98377	22 24 19.53	-04 26 39.6		A18
29P	2003 09 17.86471	22 25 11.16	-04 22 32.7		107	29P	2003 09 19.99245	22 24 19.34	-04 26 40.3	14.5 N	967
29P	2003 09 17.96028	22 25 08.74	-04 22 43.7	16.2 N	204	29P	2003 09 20.00378	22 24 18.99	-04 26 41.8		A46
29P	2003 09 17.97162	22 25 08.47	-04 22 45.0	16.0 N	204	29P	2003 09 20.00414	22 24 19.02	-04 26 41.7	14.6 N	967
29P	2003 09 17.97631	22 25 08.35	-04 22 45.6	16.1 N	204	29P	2003 09 20.00491	22 24 19.04	-04 26 41.8		A46
29P	2003 09 18.23200	22 25 02.19	-04 23 14.7	18.2 T	704	29P	2003 09 20.00604	22 24 18.98	-04 26 41.6		A46
29P	2003 09 18.24381	22 25 01.79	-04 23 16.9	19.2 T	704	29P	2003 09 20.00716	22 24 18.98	-04 26 41.7		A46
29P	2003 09 18.25549	22 25 01.50	-04 23 18.5	19.1 T	704	29P	2003 09 20.00845	22 24 18.96	-04 26 42.1	14.7 N	967
29P	2003 09 18.27876	22 25 00.66	-04 23 21.3	18.4 T	704	29P	2003 09 20.00941	22 24 18.92	-04 26 41.9		A46
29P	2003 09 18.30885	22 25 00.17	-04 23 24.0	15.3 N	H41	29P	2003 09 20.01167	22 24 18.83	-04 26 42.2		A46
29P	2003 09 18.31225	22 25 00.07	-04 23 25.1	15.2 N	H41	29P	2003 09 20.01433	22 24 18.79	-04 26 43.4	15.0 N	967
29P	2003 09 18.58267	22 24 53.46	-04 23 56.2	13.3 T	360	29P	2003 09 20.04640	22 24 17.96	-04 26 46.3	15.2 N	967
29P	2003 09 18.58503	22 24 53.40	-04 23 56.6	16.4 N	360	29P	2003 09 20.12951	22 24 16.01	-04 26 53.3		834

2003 OCT. 10

M.P.C. 49761

29P	2003 09 20.15164	22 24 15.46	-04 26 55.7		834	29P	2003 09 24.24880	22 22 40.52	-04 34 40.9	15.7 N	H41
29P	2003 09 20.28366	22 24 12.28	-04 27 13.1	15.7 N	H41	29P	2003 09 24.25082	22 22 40.44	-04 34 41.2	15.7 N	H41
29P	2003 09 20.28546	22 24 12.22	-04 27 13.6	15.6 N	H41	29P	2003 09 24.99238	22 22 24.01	-04 36 04.0		A46
29P	2003 09 20.82753	22 23 59.45	-04 28 16.0		048	29P	2003 09 24.99352	22 22 24.00	-04 36 03.2		A46
29P	2003 09 20.82865	22 23 59.45	-04 28 16.1		048	29P	2003 09 24.99576	22 22 23.90	-04 36 03.7		A46
29P	2003 09 20.83536	22 23 59.29	-04 28 16.8		048	29P	2003 09 24.99802	22 22 23.89	-04 36 03.5		A46
29P	2003 09 20.83874	22 23 59.21	-04 28 17.0		048	29P	2003 09 25.00034	22 22 23.82	-04 36 04.4		A46
29P	2003 09 20.83986	22 23 59.23	-04 28 17.2		048	29P	2003 09 25.00145	22 22 23.84	-04 36 04.5		A46
29P	2003 09 20.88786	22 23 58.12	-04 28 23.7	15.2 N	445	29P	2003 09 25.81804	22 22 05.93	-04 37 32.8	15.8 N	235
29P	2003 09 20.89362	22 23 57.85	-04 28 23.2	15.6 N	232	29P	2003 09 25.86410	22 22 04.98	-04 37 38.6	16.0 T	A41
29P	2003 09 20.89470	22 23 57.83	-04 28 23.2	15.9 N	J87	29P	2003 09 25.90860	22 22 03.99	-04 37 43.3	16.1 T	A41
29P	2003 09 20.89778	22 23 57.76	-04 28 23.5	16.2 N	J87	29P	2003 09 26.19792	22 21 57.78	-04 38 14.2		642
29P	2003 09 20.90086	22 23 57.69	-04 28 23.9	16.5 N	J87	29P	2003 09 26.20389	22 21 57.64	-04 38 14.8		642
29P	2003 09 20.90125	22 23 57.65	-04 28 24.1	15.6 N	232	29P	2003 09 26.21031	22 21 57.50	-04 38 15.4		642
29P	2003 09 20.90355	22 23 57.61	-04 28 24.7	15.6 N	213	29P	2003 09 26.53986	22 21 50.43	-04 38 50.9		340
29P	2003 09 20.90394	22 23 57.60	-04 28 24.1	16.4 N	J87	29P	2003 09 26.54686	22 21 50.27	-04 38 51.7		340
29P	2003 09 20.90551	22 23 57.55	-04 28 25.0	15.6 N	213	29P	2003 09 26.55370	22 21 50.08	-04 38 52.6		340
29P	2003 09 20.90659	22 23 57.51	-04 28 24.7	15.6 N	235	29P	2003 09 26.55911	22 21 49.98	-04 38 52.9		340
29P	2003 09 20.90697	22 23 57.52	-04 28 24.9	15.6 N	213	29P	2003 09 26.58020	22 21 49.51	-04 38 55.1	13.7 T	340
29P	2003 09 20.90807	22 23 57.64	-04 28 24.8	15.2 N	445	29P	2003 09 26.64839	22 21 48.00	-04 39 02.6	12.2 T	360
29P	2003 09 20.90887	22 23 57.48	-04 28 25.2	15.6 N	232	29P	2003 09 26.65140	22 21 47.95	-04 39 02.8	14.0 N	360
29P	2003 09 20.91160	22 23 57.56	-04 28 25.0	15.2 N	445	29P	2003 09 26.82574	22 21 44.27	-04 39 21.2	13.5 N	235
29P	2003 09 20.92681	22 23 57.04	-04 28 27.6	15.7 N	A18	29P	2003 09 27.13658	22 21 37.81	-04 39 54.3	13.7 T	691
29P	2003 09 20.93951	22 23 56.74	-04 28 28.6	15.5 N	A32	29P	2003 09 27.16045	22 21 37.26	-04 39 56.8	12.1 T	H41
29P	2003 09 20.94539	22 23 56.61	-04 28 29.1	15.6 N	A32	29P	2003 09 27.16389	22 21 37.22	-04 39 57.0	12.0 T	H41
29P	2003 09 20.95273	22 23 56.41	-04 28 30.0	15.5 N	A32	29P	2003 09 27.16589	22 21 37.18	-04 39 57.4	13.7 T	691
29P	2003 09 20.96008	22 23 56.24	-04 28 30.8	15.5 N	A32	29P	2003 09 27.16743	22 21 37.23	-04 40 04.5	14.5 T	699
29P	2003 09 20.99131	22 23 55.51	-04 28 34.6	15.8 N	A18	29P	2003 09 27.18076	22 21 36.98	-04 40 05.8		699
29P	2003 09 20.99444	22 23 55.47	-04 28 34.7	15.6 N	212	29P	2003 09 27.19410	22 21 36.71	-04 40 09.3		699
29P	2003 09 20.99809	22 23 55.37	-04 28 35.0	15.6 N	212	29P	2003 09 27.19521	22 21 36.54	-04 40 01.2		642
29P	2003 09 21.00162	22 23 55.29	-04 28 35.4	15.6 N	212	29P	2003 09 27.19545	22 21 36.54	-04 40 00.5	13.7 T	691
29P	2003 09 21.00417	22 23 55.21	-04 28 35.8	15.6 N	212	29P	2003 09 27.20475	22 21 36.34	-04 40 01.9		642
29P	2003 09 21.39156	22 23 46.15	-04 29 17.9	16.7 N	E14	29P	2003 09 27.20741	22 21 36.38	-04 40 08.6		699
29P	2003 09 21.40884	22 23 45.73	-04 29 20.3	16.7 N	E14	29P	2003 09 27.53169	22 21 29.47	-04 40 36.5		340
29P	2003 09 21.41881	22 23 45.50	-04 29 21.1	16.8 N	E14	29P	2003 09 27.53436	22 21 29.43	-04 40 37.0		340
29P	2003 09 21.86093	22 23 35.16	-04 30 13.3		048	29P	2003 09 27.53629	22 21 29.36	-04 40 37.1	13.3 T	340
29P	2003 09 21.86422	22 23 35.07	-04 30 13.7		048	29P	2003 09 27.85725	22 21 22.74	-04 41 10.8	14.2 N	J87
29P	2003 09 21.86642	22 23 35.03	-04 30 14.0		048	29P	2003 09 27.85870	22 21 22.69	-04 41 11.1	14.2 N	J87
29P	2003 09 21.86972	22 23 34.94	-04 30 14.9		048	29P	2003 09 27.86163	22 21 22.64	-04 41 11.2	14.3 N	J87
29P	2003 09 21.87192	22 23 34.86	-04 30 15.1		048	29P	2003 09 27.86309	22 21 22.62	-04 41 11.2	14.3 N	J87
29P	2003 09 21.87456	22 23 34.79	-04 30 15.2		107	29P	2003 09 28.08051	22 21 18.11	-04 41 33.7	14.9 N	H41
29P	2003 09 21.88028	22 23 34.66	-04 30 15.9		107	29P	2003 09 28.08479	22 21 18.04	-04 41 34.2	15.0 N	H41
29P	2003 09 21.88600	22 23 34.53	-04 30 16.6		107	29P	2003 09 28.08644	22 21 18.01	-04 41 34.5	12.5 T	H41
29P	2003 09 23.19307	22 23 04.38	-04 32 43.2	16.6 N	H44	29P	2003 09 28.13260	22 21 17.02	-04 41 38.7	13.7 N	H44
29P	2003 09 23.90601	22 22 48.30	-04 34 02.8	16.3 N	967	29P	2003 09 28.14885	22 21 16.67	-04 41 40.6	14.0 N	H44
29P	2003 09 23.91341	22 22 48.15	-04 34 04.4	16.3 N	967	29P	2003 09 28.16688	22 21 16.30	-04 41 42.4	13.9 N	H44
29P	2003 09 23.92778	22 22 47.86	-04 34 05.6	16.4 N	967	29P	2003 09 28.20744	22 21 15.46	-04 41 47.2	14.8 N	H41
29P	2003 09 23.93545	22 22 47.63	-04 34 06.9	16.3 N	967	29P	2003 09 28.43413	22 21 10.86	-04 42 11.1	13.3 T	349
29P	2003 09 24.12117	22 22 43.42	-04 34 24.3		834	29P	2003 09 28.43660	22 21 10.77	-04 42 11.2		349
29P	2003 09 24.13444	22 22 43.07	-04 34 25.9		834	29P	2003 09 28.44386	22 21 10.67	-04 42 11.7		349
29P	2003 09 24.15897	22 22 42.62	-04 34 31.7	16.6 N	642	29P	2003 09 28.44567	22 21 10.63	-04 42 11.9		349
29P	2003 09 24.16992	22 22 42.34	-04 34 32.7		642	29P	2003 09 28.51927	22 21 09.04	-04 42 19.9	14.4 T	900
29P	2003 09 24.17483	22 22 42.24	-04 34 32.9		642	29P	2003 09 28.52831	22 21 08.86	-04 42 20.9	14.0 T	900

29P	2003 09 29.23500	22 20 54.51	-04 43 34.0	14.3 N	H41	43P	2003 09 05.99671	23 20 53.88	+28 41 22.4	15.5 N	A32
29P	2003 09 29.23946	22 20 54.42	-04 43 34.7	12.2 T	H41	43P	2003 09 06.89242	23 20 08.44	+28 42 09.5		A46
29P	2003 09 29.82668	22 20 42.67	-04 44 33.8	14.4 N	235	43P	2003 09 06.89358	23 20 08.35	+28 42 09.4		A46
29P	2003 09 30.53559	22 20 28.81	-04 45 46.2		340	43P	2003 09 06.89583	23 20 08.26	+28 42 09.9		A46
29P	2003 09 30.53787	22 20 28.75	-04 45 46.5		340	43P	2003 09 06.89696	23 20 08.17	+28 42 09.6		A46
29P	2003 09 30.53992	22 20 28.68	-04 45 46.6	13.5 T	340	43P	2003 09 06.89809	23 20 08.13	+28 42 09.9		A46
29P	2003 09 30.58701	22 20 27.71	-04 45 50.7	13.6 T	360	43P	2003 09 06.89921	23 20 08.08	+28 42 09.8		A46
29P	2003 09 30.58954	22 20 27.66	-04 45 50.9	15.3 N	360	43P	2003 09 07.11666	23 19 56.80	+28 42 25.2	13.9 N	859
29P	2003 09 30.84120	22 20 22.83	-04 46 15.6	14.6 N	235	43P	2003 09 07.12895	23 19 56.06	+28 42 25.5	13.9 N	859
29P	2003 10 01.11224	22 20 17.77	-04 46 49.8	15.0 T	699	43P	2003 09 07.14534	23 19 55.21	+28 42 26.3	13.6 N	859
29P	2003 10 01.12889	22 20 17.48	-04 46 50.2		699	43P	2003 09 10.98080	23 16 31.63	+28 41 58.0	15.4 N	213
29P	2003 10 01.14572	22 20 17.12	-04 46 50.8		699	43P	2003 09 10.98363	23 16 31.42	+28 41 58.2	15.4 N	213
29P	2003 10 01.16226	22 20 16.88	-04 46 55.7		699	43P	2003 09 10.98547	23 16 31.29	+28 41 58.0	15.4 N	213
29P	2003 10 01.79257	22 20 04.75	-04 47 50.8	14.8 N	213	43P	2003 09 13.00428	23 14 40.06	+28 39 31.8	15.3 N	939
29P	2003 10 01.79413	22 20 04.72	-04 47 51.0	14.8 N	213	43P	2003 09 13.00907	23 14 39.75	+28 39 31.5	15.3 N	939
29P	2003 10 01.79522	22 20 04.67	-04 47 51.7	14.8 N	213	43P	2003 09 13.01394	23 14 39.44	+28 39 31.3	15.3 N	939
29P	2003 10 01.98633	22 20 01.12	-04 48 08.7	14.2 N	945	43P	2003 09 13.53891	23 14 10.46	+28 38 37.7		349
29P	2003 10 01.99317	22 20 00.93	-04 48 10.1	14.2 N	945	43P	2003 09 13.54360	23 14 10.17	+28 38 37.4		349
29P	2003 10 01.99846	22 20 00.81	-04 48 11.3	14.2 N	945	43P	2003 09 13.54611	23 14 10.06	+28 38 36.6		349
29P	2003 10 02.00537	22 20 00.69	-04 48 10.9	14.2 N	945	43P	2003 09 13.54827	23 14 09.93	+28 38 37.0	15.2 T	349
29P	2003 10 02.82576	22 19 45.55	-04 49 31.5	14.2 N	213	43P	2003 09 13.80543	23 13 55.68	+28 38 06.8	15.6 T	201
29P	2003 10 02.82679	22 19 45.53	-04 49 31.6	14.2 N	213	43P	2003 09 13.81044	23 13 55.38	+28 38 05.9	15.4 T	201
29P	2003 10 02.82782	22 19 45.50	-04 49 31.9	14.2 N	213	43P	2003 09 13.81451	23 13 55.10	+28 38 05.6	16.3 T	201
29P	2003 10 02.90017	22 19 44.13	-04 49 38.6	14.2 N	A33	43P	2003 09 13.98549	23 13 45.27	+28 37 46.2	16.4 N	A18
29P	2003 10 02.91862	22 19 43.78	-04 49 40.4		A33	43P	2003 09 14.03791	23 13 42.22	+28 37 40.3	16.3 N	A18
29P	2003 10 03.88907	22 19 26.28	-04 51 13.3	14.5 N	213	43P	2003 09 14.81090	23 12 59.06	+28 35 59.4		A46
29P	2003 10 03.91402	22 19 25.93	-04 51 14.3	14.5 N	213	43P	2003 09 14.81314	23 12 58.95	+28 35 59.0		A46
29P	2003 10 04.83055	22 19 10.02	-04 52 39.9	14.6 N	232	43P	2003 09 14.81427	23 12 58.86	+28 35 58.9		A46
29P	2003 10 04.83809	22 19 09.87	-04 52 40.9	14.6 N	232	43P	2003 09 14.81539	23 12 58.83	+28 35 58.8		A46
29P	2003 10 04.84563	22 19 09.72	-04 52 41.5	14.6 N	232	43P	2003 09 14.81653	23 12 58.76	+28 35 59.6		A46
29P	2003 10 04.89738	22 19 08.80	-04 52 46.1	14.8 N	213	43P	2003 09 14.81991	23 12 58.57	+28 35 58.9		A46
29P	2003 10 04.90177	22 19 08.69	-04 52 47.0	14.8 N	213	43P	2003 09 15.05341	23 12 45.00	+28 35 26.9	15.8 N	620
29P	2003 10 04.90583	22 19 08.71	-04 52 47.1	14.7 N	939	43P	2003 09 15.05728	23 12 44.80	+28 35 26.3	15.8 N	620
29P	2003 10 04.91067	22 19 08.59	-04 52 47.7	14.6 N	939	43P	2003 09 15.06197	23 12 44.51	+28 35 25.5	15.7 N	620
29P	2003 10 04.91551	22 19 08.45	-04 52 48.2	14.7 N	939	43P	2003 09 15.29199	23 12 31.58	+28 34 53.0	15.0 T	H41
36P/Whipple						43P	2003 09 15.30145	23 12 31.04	+28 34 51.3	14.9 T	H41
36P	2003 09 26.32389	03 41 15.52	+11 23 07.1	19.0 T	H41	43P	2003 09 15.30157	23 12 31.01	+28 34 51.6	14.6 T	H44
36P	2003 10 02.70744	03 41 04.44	+10 54 55.6	19.2 T	360	43P	2003 09 16.10804	23 11 45.81	+28 32 36.3	14.2 T	H44
36P	2003 10 02.71322	03 41 04.39	+10 54 54.0		360	43P	2003 09 16.86584	23 11 02.41	+28 30 27.0		A46
43P/Wolf-Harrington						43P	2003 09 16.86697	23 11 02.34	+28 30 26.7		A46
43P	2003 08 20.93873	23 31 55.30	+27 42 16.3		127	43P	2003 09 16.86809	23 11 02.31	+28 30 26.1		A46
43P	2003 08 20.97707	23 31 54.06	+27 42 30.0		127	43P	2003 09 16.86922	23 11 02.25	+28 30 25.8		A46
43P	2003 08 20.98683	23 31 53.72	+27 42 33.8		127	43P	2003 09 16.87035	23 11 02.14	+28 30 26.0		A46
43P	2003 08 25.90929	23 29 06.75	+28 08 59.3		127	43P	2003 09 16.87148	23 11 02.08	+28 30 25.4		A46
43P	2003 08 25.93406	23 29 05.77	+28 09 06.5		127	43P	2003 09 16.92392	23 10 59.21	+28 30 16.7	15.3 N	458
43P	2003 08 25.94001	23 29 05.55	+28 09 08.3		127	43P	2003 09 16.93088	23 10 58.71	+28 30 15.7	15.2 N	458
43P	2003 09 02.90315	23 23 25.80	+28 36 29.2		127	43P	2003 09 17.80192	23 10 09.12	+28 27 20.8		143
43P	2003 09 02.90874	23 23 25.52	+28 36 29.7		127	43P	2003 09 17.80657	23 10 08.87	+28 27 20.1		143
43P	2003 09 02.91546	23 23 25.19	+28 36 30.4		127	43P	2003 09 17.81122	23 10 08.60	+28 27 18.8		143
43P	2003 09 02.92201	23 23 24.86	+28 36 31.4		127	43P	2003 09 17.84819	23 10 06.48	+28 27 12.1	15.5 N	213
43P	2003 09 05.99083	23 20 54.20	+28 41 22.3	15.6 N	A32	43P	2003 09 17.84963	23 10 06.37	+28 27 11.8	15.5 N	213
43P	2003 09 05.99377	23 20 54.05	+28 41 22.4	15.6 N	A32	43P	2003 09 17.84968	23 10 06.29	+28 27 11.6		A46
						43P	2003 09 17.85122	23 10 06.30	+28 27 11.8	15.5 N	213

2003 OCT. 10

M.P.C. 49763

43P	2003 09 17.85193	23 10 06.16	+28 27 11.2		A46	43P	2003 09 20.05645	23 07 59.64	+28 18 31.2	15.3 N	939
43P	2003 09 17.85307	23 10 06.09	+28 27 10.8		A46	43P	2003 09 20.06125	23 07 59.35	+28 18 30.1	15.3 N	939
43P	2003 09 17.85419	23 10 06.01	+28 27 10.7		A46	43P	2003 09 20.06197	23 07 59.25	+28 18 28.1	15.9 N	A18
43P	2003 09 17.85644	23 10 05.88	+28 27 10.5		A46	43P	2003 09 20.19451	23 07 52.00	+28 17 56.5	16.9 N	H44
43P	2003 09 17.85756	23 10 05.80	+28 27 09.9		A46	43P	2003 09 20.28838	23 07 46.47	+28 17 32.9	16.3 N	H41
43P	2003 09 17.91719	23 10 02.37	+28 26 58.4	16.1 T	108	43P	2003 09 20.29093	23 07 46.32	+28 17 31.5	14.9 T	H41
43P	2003 09 17.92234	23 10 02.03	+28 26 57.2	16.1 T	108	43P	2003 09 20.92497	23 07 10.06	+28 14 35.2	14.9 N	235
43P	2003 09 17.92523	23 10 01.83	+28 26 56.4	15.9 T	108	43P	2003 09 20.92848	23 07 10.02	+28 14 35.1	15.1 N	232
43P	2003 09 18.19779	23 09 46.25	+28 25 58.8	15.4 T	H44	43P	2003 09 20.93614	23 07 09.56	+28 14 32.6	15.1 N	232
43P	2003 09 18.31502	23 09 39.33	+28 25 33.0	16.5 N	H41	43P	2003 09 20.93867	23 07 09.34	+28 14 31.1		048
43P	2003 09 18.32207	23 09 38.91	+28 25 31.4	14.8 T	H41	43P	2003 09 20.94087	23 07 09.19	+28 14 30.2		048
43P	2003 09 18.60741	23 09 22.76	+28 24 27.9	14.9 T	360	43P	2003 09 20.94201	23 07 09.12	+28 14 29.8		048
43P	2003 09 18.60964	23 09 22.63	+28 24 27.4		360	43P	2003 09 20.94377	23 07 09.10	+28 14 30.3	15.1 N	232
43P	2003 09 18.65561	23 09 19.88	+28 24 15.9		349	43P	2003 09 20.94642	23 07 08.84	+28 14 28.4		048
43P	2003 09 18.66397	23 09 19.35	+28 24 14.3		349	43P	2003 09 20.94862	23 07 08.73	+28 14 27.9		048
43P	2003 09 18.67054	23 09 18.98	+28 24 12.4		349	43P	2003 09 20.95869	23 07 08.17	+28 14 24.8	15.4 N	A18
43P	2003 09 18.67278	23 09 18.85	+28 24 12.0	15.0 T	349	43P	2003 09 20.97247	23 07 07.34	+28 14 20.8	14.7 N	A32
43P	2003 09 18.80929	23 09 11.45	+28 23 39.1		A46	43P	2003 09 20.97689	23 07 07.08	+28 14 19.5	14.8 N	A32
43P	2003 09 18.81042	23 09 11.39	+28 23 39.1		A46	43P	2003 09 20.98130	23 07 06.82	+28 14 18.2	14.7 N	A32
43P	2003 09 18.81156	23 09 11.31	+28 23 38.8		A46	43P	2003 09 20.98718	23 07 06.48	+28 14 16.5	14.8 N	A32
43P	2003 09 18.81269	23 09 11.25	+28 23 38.3		A46	43P	2003 09 20.99160	23 07 06.23	+28 14 15.3	14.8 N	A32
43P	2003 09 18.81381	23 09 11.17	+28 23 38.1		A46	43P	2003 09 21.02418	23 07 04.31	+28 14 06.2	15.3 N	A18
43P	2003 09 18.81493	23 09 11.10	+28 23 37.6		A46	43P	2003 09 21.03409	23 07 03.74	+28 14 04.7	15.1 N	212
43P	2003 09 18.85980	23 09 08.50	+28 23 27.9	15.8 T	215	43P	2003 09 21.03727	23 07 03.52	+28 14 03.6	15.1 N	212
43P	2003 09 18.86031	23 09 08.48	+28 23 27.6	15.8 T	215	43P	2003 09 21.03993	23 07 03.39	+28 14 02.8	15.1 N	212
43P	2003 09 18.86071	23 09 08.46	+28 23 27.6	15.8 T	215	43P	2003 09 21.04144	23 07 03.25	+28 14 01.6	14.8 N	945
43P	2003 09 18.86354	23 09 08.31	+28 23 27.5		107	43P	2003 09 21.04920	23 07 02.83	+28 14 00.3	14.9 N	945
43P	2003 09 18.86581	23 09 08.16	+28 23 26.1		107	43P	2003 09 21.05594	23 07 02.48	+28 13 58.3	14.8 N	945
43P	2003 09 18.86960	23 09 07.97	+28 23 26.0		107	43P	2003 09 21.20258	23 06 54.28	+28 13 17.3	15.1 N	H44
43P	2003 09 18.89213	23 09 06.79	+28 23 20.3	15.4 N	945	43P	2003 09 21.21546	23 06 53.54	+28 13 13.2	15.3 N	H44
43P	2003 09 18.89392	23 09 06.65	+28 23 19.4	15.4 N	945	43P	2003 09 21.22417	23 06 52.99	+28 13 10.9	15.8 N	H44
43P	2003 09 18.89638	23 09 06.49	+28 23 19.2	15.4 N	945	43P	2003 09 21.80250	23 06 20.25	+28 10 17.1		A46
43P	2003 09 18.89869	23 09 06.35	+28 23 18.4	15.3 N	945	43P	2003 09 21.80363	23 06 20.16	+28 10 17.2		A46
43P	2003 09 18.90019	23 09 06.25	+28 23 17.9	15.4 N	945	43P	2003 09 21.80476	23 06 20.12	+28 10 16.5		A46
43P	2003 09 18.91235	23 09 05.39	+28 23 15.4		048	43P	2003 09 21.80588	23 06 20.03	+28 10 15.9		A46
43P	2003 09 18.91534	23 09 05.20	+28 23 14.8		048	43P	2003 09 21.80700	23 06 19.97	+28 10 15.7		A46
43P	2003 09 18.91829	23 09 05.03	+28 23 14.0		048	43P	2003 09 21.80814	23 06 19.94	+28 10 15.6		A46
43P	2003 09 18.92123	23 09 04.84	+28 23 13.2		048	43P	2003 09 22.64170	23 05 32.13	+28 05 57.1	15.8 T	900
43P	2003 09 18.93155	23 09 04.23	+28 23 11.0		048	43P	2003 09 22.65713	23 05 31.17	+28 05 51.4	15.5 T	900
43P	2003 09 18.99622	23 09 00.30	+28 22 54.2	15.9 N	166	43P	2003 09 22.67569	23 05 30.06	+28 05 45.4		349
43P	2003 09 19.00198	23 09 00.02	+28 22 53.9	15.6 N	166	43P	2003 09 22.67962	23 05 29.84	+28 05 44.3		349
43P	2003 09 19.00578	23 08 59.86	+28 22 54.0	15.9 N	166	43P	2003 09 22.68116	23 05 29.75	+28 05 43.6		349
43P	2003 09 19.00877	23 08 59.70	+28 22 52.7	15.6 N	166	43P	2003 09 22.68271	23 05 29.66	+28 05 43.4	14.4 T	349
43P	2003 09 19.95616	23 08 05.53	+28 18 58.9	14.9 T	108	43P	2003 09 22.74163	23 05 26.17	+28 05 23.8	16.4 N	347
43P	2003 09 19.95885	23 08 05.49	+28 18 57.5	14.8 T	108	43P	2003 09 22.74590	23 05 25.92	+28 05 21.8	16.8 N	347
43P	2003 09 19.96192	23 08 05.19	+28 18 57.1	15.0 T	108	43P	2003 09 22.74928	23 05 25.80	+28 05 20.4	16.7 N	347
43P	2003 09 20.04510	23 08 00.26	+28 18 33.5		A46	43P	2003 09 23.21616	23 04 59.62	+28 02 48.1	16.0 N	H44
43P	2003 09 20.04848	23 08 00.06	+28 18 32.6		A46	43P	2003 09 23.22666	23 04 58.99	+28 02 44.8	14.7 N	H41
43P	2003 09 20.04961	23 08 00.02	+28 18 32.5		A46	43P	2003 09 23.23242	23 04 58.66	+28 02 43.2	14.6 N	H41
43P	2003 09 20.05161	23 07 59.92	+28 18 32.4	15.3 N	939	43P	2003 09 23.38929	23 04 49.50	+28 01 47.5	15.5 T	730
43P	2003 09 20.05186	23 07 59.86	+28 18 31.5		A46	43P	2003 09 23.39198	23 04 49.42	+28 01 46.0	15.7 T	730
43P	2003 09 20.05299	23 07 59.80	+28 18 31.3		A46	43P	2003 09 24.19622	23 04 04.46	+27 57 06.0	16.2 N	642
43P	2003 09 20.05412	23 07 59.70	+28 18 31.0		A46	43P	2003 09 24.20103	23 04 04.17	+27 57 04.3		642

M.P.C. 49764

2003 OCT. 10

43P	2003 09 24.20601	23 04 03.89	+27 57 02.8		642	43P	2003 09 30.94532	22 57 58.40	+27 08 26.3		A46
43P	2003 09 24.26326	23 04 00.41	+27 56 44.5	14.4 T	H41	43P	2003 09 30.94645	22 57 58.35	+27 08 25.5		A46
43P	2003 09 25.00874	23 03 18.48	+27 52 07.4		A46	43P	2003 10 01.88019	22 57 11.02	+27 00 28.4	15.2 N	213
43P	2003 09 25.00987	23 03 18.44	+27 52 06.6		A46	43P	2003 10 01.88128	22 57 10.94	+27 00 27.7	15.2 N	213
43P	2003 09 25.01324	23 03 18.18	+27 52 05.4		A46	43P	2003 10 01.88243	22 57 10.88	+27 00 27.3	15.2 N	213
43P	2003 09 25.01437	23 03 18.20	+27 52 05.2		A46	43P	2003 10 02.01157	22 57 04.19	+26 59 19.2	15.7 N	945
43P	2003 09 25.01550	23 03 18.10	+27 52 04.2		A46	43P	2003 10 02.01325	22 57 04.08	+26 59 18.1	15.7 N	945
43P	2003 09 25.01663	23 03 18.09	+27 52 03.7		A46	43P	2003 10 02.01561	22 57 03.96	+26 59 17.2	15.7 N	945
43P	2003 09 25.79768	23 02 34.85	+27 47 02.7	14.9 N	235	43P	2003 10 02.18041	22 56 55.81	+26 57 52.0		H44
43P	2003 09 26.27902	23 02 07.90	+27 43 52.3	15.7 N	H41	43P	2003 10 02.19714	22 56 54.94	+26 57 42.2	16.0 N	750
43P	2003 09 26.28314	23 02 07.63	+27 43 50.4	14.8 T	H41	43P	2003 10 02.20264	22 56 54.65	+26 57 39.1	16.0 N	750
43P	2003 09 26.59221	23 01 50.83	+27 41 45.3		340	43P	2003 10 02.21244	22 56 54.13	+26 57 33.9	15.9 N	750
43P	2003 09 26.59492	23 01 50.61	+27 41 43.4		340	43P	2003 10 02.58417	22 56 35.63	+26 54 16.7	16.0 N	379
43P	2003 09 26.59704	23 01 50.53	+27 41 42.4	14.2 T	340	43P	2003 10 02.58558	22 56 35.57	+26 54 16.9	16.0 N	379
43P	2003 09 26.85514	23 01 36.44	+27 39 53.7		A46	43P	2003 10 02.58699	22 56 35.51	+26 54 15.7	16.4 N	379
43P	2003 09 26.85627	23 01 36.38	+27 39 53.0		A46	43P	2003 10 02.58840	22 56 35.36	+26 54 15.1	16.2 N	379
43P	2003 09 26.85740	23 01 36.31	+27 39 52.5		A46	43P	2003 10 02.88079	22 56 21.02	+26 51 35.9	14.9 N	A33
43P	2003 09 26.85853	23 01 36.23	+27 39 52.1		A46	43P	2003 10 02.95065	22 56 17.44	+26 50 58.1	15.3 N	A33
43P	2003 09 26.85965	23 01 36.17	+27 39 51.4		A46	43P	2003 10 03.56020	22 55 47.71	+26 45 26.7	16.2 N	379
43P	2003 09 26.86079	23 01 36.14	+27 39 51.4		A46	43P	2003 10 03.56441	22 55 47.48	+26 45 22.9	15.8 N	379
43P	2003 09 28.09374	23 00 29.21	+27 31 01.1	14.7 N	H44	43P	2003 10 03.56652	22 55 47.42	+26 45 22.9	15.8 N	379
43P	2003 09 28.16530	23 00 25.32	+27 30 27.5		642	43P	2003 10 04.55116	22 55 00.30	+26 36 08.0	16.0 N	379
43P	2003 09 28.17079	23 00 25.01	+27 30 24.9		642	43P	2003 10 04.55326	22 55 00.20	+26 36 07.1	16.0 N	379
43P	2003 09 28.17367	23 00 24.85	+27 30 23.9		642	43P	2003 10 04.55748	22 54 59.89	+26 36 05.4	16.3 N	379
43P	2003 09 28.18166	23 00 24.26	+27 30 22.6	14.8 N	H44	43P	2003 10 04.56169	22 54 59.75	+26 36 03.2	15.9 N	379
43P	2003 09 28.18723	23 00 24.14	+27 30 14.7	15.1 T	699	43P	2003 10 04.86034	22 54 45.86	+26 33 10.1	15.0 N	232
43P	2003 09 28.20023	23 00 23.41	+27 30 14.6	14.9 N	H41	43P	2003 10 04.86194	22 54 45.71	+26 33 07.9		048
43P	2003 09 28.20402	23 00 23.19	+27 30 08.7		699	43P	2003 10 04.86677	22 54 45.56	+26 33 06.5	15.0 N	232
43P	2003 09 28.20456	23 00 23.06	+27 30 12.4	14.8 N	H41	43P	2003 10 04.86731	22 54 45.45	+26 33 04.9		048
43P	2003 09 28.22087	23 00 22.26	+27 30 01.3		699	43P	2003 10 04.86808	22 54 45.42	+26 33 04.6		048
43P	2003 09 28.23763	23 00 21.32	+27 29 53.4		699	43P	2003 10 04.86883	22 54 45.39	+26 33 04.2		048
43P	2003 09 29.55313	22 59 11.07	+27 19 49.6	15.9 N	379	43P	2003 10 04.87035	22 54 45.28	+26 33 03.3		048
43P	2003 09 29.55454	22 59 10.97	+27 19 48.1	16.5 N	379	43P	2003 10 04.87194	22 54 45.30	+26 33 03.4	15.0 N	232
43P	2003 09 29.55595	22 59 10.92	+27 19 48.4	15.9 N	379	43P	2003 10 04.87863	22 54 45.02	+26 32 59.3	15.0 N	939
43P	2003 09 29.55736	22 59 10.82	+27 19 48.1	16.0 N	379	43P	2003 10 04.88352	22 54 44.79	+26 32 56.4	15.0 N	939
43P	2003 09 29.68205	22 59 03.98	+27 18 47.2		349	43P	2003 10 04.88837	22 54 44.54	+26 32 53.8	15.0 N	939
43P	2003 09 29.68663	22 59 03.73	+27 18 44.9		349	43P	2003 10 04.93007	22 54 42.43	+26 32 30.0	15.3 N	458
43P	2003 09 29.68876	22 59 03.63	+27 18 44.5		349	43P	2003 10 04.93588	22 54 42.16	+26 32 26.5	15.2 N	458
43P	2003 09 29.69075	22 59 03.50	+27 18 43.0	14.5 T	349	43P	2003 10 04.94147	22 54 42.00	+26 32 23.1	15.2 N	458
43P	2003 09 30.54725	22 58 19.12	+27 11 47.2		340	43P	2003 10 05.23890	22 54 28.19	+26 29 32.0	16.6 T	704
43P	2003 09 30.54946	22 58 18.98	+27 11 46.1		340	43P	2003 10 05.25341	22 54 27.30	+26 29 23.1	17.0 T	704
43P	2003 09 30.55140	22 58 18.91	+27 11 45.8	14.2 T	340	43P	2003 10 05.26660	22 54 26.67	+26 29 15.2	17.2 T	704
43P	2003 09 30.57372	22 58 17.70	+27 11 34.5	15.8 N	379	43P	2003 10 05.28023	22 54 26.04	+26 29 07.3	18.1 T	704
43P	2003 09 30.57513	22 58 17.65	+27 11 32.9	15.5 N	379	43P	2003 10 05.29351	22 54 25.24	+26 28 57.2	16.7 T	704
43P	2003 09 30.57654	22 58 17.57	+27 11 33.3	16.0 N	379	43P	2003 10 05.81439	22 54 01.84	+26 23 51.8		170
43P	2003 09 30.57795	22 58 17.53	+27 11 31.6	15.9 N	379	43P	2003 10 05.81749	22 54 01.70	+26 23 50.0		170
43P	2003 09 30.64046	22 58 14.04	+27 11 01.0	14.5 T	360	43P	2003 10 06.08645	22 53 49.46	+26 21 09.9	16.2 T	750
43P	2003 09 30.64274	22 58 13.92	+27 10 59.9		360	43P	2003 10 06.09442	22 53 49.05	+26 21 05.3	16.2 T	750
43P	2003 09 30.86113	22 58 02.97	+27 09 10.2	15.1 N	235	43P	2003 10 06.11229	22 53 48.27	+26 20 54.5	16.2 T	750
43P	2003 09 30.93970	22 57 58.74	+27 08 29.4		A46	43P	2003 10 06.13711	22 53 47.05	+26 20 39.8	15.8 T	750
43P	2003 09 30.94194	22 57 58.58	+27 08 28.5		A46	43P	2003 10 06.14029	22 53 46.91	+26 20 37.8	15.9 T	750
43P	2003 09 30.94307	22 57 58.55	+27 08 27.5		A46						
43P	2003 09 30.94420	22 57 58.46	+27 08 27.1		A46						

2003 OCT. 10

M.P.C. 49765

53P/Van Biesbroeck						
53P	2003 08 01.00647	15 50 44.30	-12 06 55.9			834
53P	2003 08 01.03598	15 50 45.38	-12 07 06.2			834
53P	2003 08 10.99333	15 58 27.70	-13 06 49.9			834
53P	2003 09 08.37468	16 31 35.45	-16 06 08.5	15.7 N		E14
53P	2003 09 08.37833	16 31 35.74	-16 06 09.8	15.9 N		E14
53P	2003 09 08.38196	16 31 36.07	-16 06 11.3	15.6 N		E14
53P	2003 09 14.81192	16 41 04.12	-16 44 48.7	15.7 N		A18
53P	2003 09 15.78088	16 42 32.78	-16 50 27.1	15.3 T		215
53P	2003 09 15.78175	16 42 32.89	-16 50 27.0	15.1 T		215
53P	2003 09 15.78231	16 42 32.92	-16 50 27.2	15.2 T		215
53P	2003 09 25.76308	16 58 33.88	-17 45 37.7	15.1 N		235
65P/Gunn						
65P	2003 07 02.22078	18 42 56.50	-32 15 58.6	13.4 T		921
65P	2003 07 02.22507	18 42 56.43	-32 16 00.1	13.5 T		921
65P	2003 07 02.23010	18 42 56.15	-32 16 02.1	14.2 N		921
65P	2003 07 02.23314	18 42 55.96	-32 16 03.3	13.5 T		921
65P	2003 07 02.23959	18 42 55.61	-32 16 05.6	13.1 T		921
65P	2003 07 02.24778	18 42 55.09	-32 16 09.1	13.8 T	4	921
65P	2003 07 30.12956	18 24 23.68	-33 45 42.2			834
65P	2003 07 30.15877	18 24 22.94	-33 45 44.4			834
65P	2003 08 16.08228	18 22 07.76	-33 52 58.8			834
65P	2003 09 08.45033	18 32 48.74	-33 27 24.3	15.3 N		E14
65P	2003 09 08.45396	18 32 48.88	-33 27 24.0	15.4 N		E14
65P	2003 09 08.45759	18 32 49.04	-33 27 23.5	15.4 N		E14
65P	2003 09 12.00876	18 35 41.93	-33 20 51.7			834
65P	2003 09 12.02419	18 35 42.72	-33 20 50.2			834
81P/Wild						
81P	2002 11 14.358421	04 42 06.147	+17 46 24.67	17.1 T		689
81P	2002 11 25.321350	04 32 24.464	+17 23 00.87	16.4 T		689
81P	2002 11 26.318475	04 31 26.952	+17 20 50.54	16.3 T		689
81P	2002 11 28.311796	04 29 30.213	+17 16 29.45	16.3 T		689
81P	2002 12 02.297736	04 25 31.903	+17 07 51.40	16.0 T		689
81P	2002 12 04.291141	04 23 31.252	+17 03 35.34	16.2 T		689
81P	2002 12 07.280339	04 20 29.878	+16 57 21.60	16.1 T		689
81P	2002 12 08.277429	04 19 29.555	+16 55 19.72	16.0 T		689
81P	2002 12 09.273618	04 18 29.435	+16 53 20.21	15.7 T		689
81P	2002 12 13.260344	04 14 32.047	+16 45 41.24	16.2 T		689
81P	2002 12 14.256813	04 13 33.743	+16 43 52.98	16.0 T		689
81P	2002 12 28.210132	04 01 21.441	+16 24 21.85	16.0 T		689
81P	2003 01 04.187830	03 56 39.537	+16 19 57.17	15.9 T		689
81P	2003 01 08.174975	03 54 31.110	+16 19 21.48	15.9 T		689
81P	2003 01 28.117991	03 50 28.256	+16 39 15.82	15.6 T		689
81P	2003 03 07.14956	04 12 56.78	+18 42 37.6	15.9 N		921
81P	2003 03 07.15697	04 12 57.18	+18 42 38.1	15.3 T		921
81P	2003 03 07.20029	04 12 59.98	+18 42 49.4	15.1 T		921
81P	2003 04 29.12421	05 34 45.86	+21 57 05.8			921
81P	2003 04 29.13605	05 34 47.03	+21 57 06.3	14.8 T		921
81P	2003 04 29.13832	05 34 47.22	+21 57 07.2	14.8 T		921
81P	2003 04 29.14416	05 34 47.96	+21 57 07.8	14.3 T		921
81P	2003 04 29.14878	05 34 48.51	+21 57 07.4	15.3 T		921

82P/Gehrels						
82P	2002 01 10.31253	09 01 13.91	+15 30 15.6	21 N		644
82P	2002 01 10.39749	09 01 11.16	+15 30 27.1			644
82P	2002 01 10.46490	09 01 08.72	+15 30 36.1			644
104P/Kowal						
104P	2003 08 31.19913	21 08 47.06	+08 17 31.1	21.7 T		291
104P	2003 08 31.20731	21 08 46.61	+08 17 28.5	21.6 T		291
104P	2003 08 31.21573	21 08 46.12	+08 17 24.9	21.0 T		291
104P	2003 09 21.13256	20 53 00.21	+06 02 33.1	21.8 T		291
104P	2003 09 21.14009	20 52 59.97	+06 02 30.0			291
104P	2003 09 21.14761	20 52 59.76	+06 02 26.4	21.1 T		291
104P	2003 09 28.15455	20 49 57.61	+05 10 41.3	21.1 T		291
104P	2003 09 28.16032	20 49 57.45	+05 10 38.9	21.7 T		291
104P	2003 09 28.16577	20 49 57.35	+05 10 35.7	21.5 T		291
115P/Maury						
115P	2003 09 20.37596	02 12 21.18	+05 55 00.2	19.1 T		699
115P	2003 09 20.38933	02 12 20.86	+05 54 54.6			699
115P	2003 09 20.40266	02 12 20.51	+05 54 49.8			699
115P	2003 09 20.41599	02 12 20.02	+05 54 44.6			699
115P	2003 09 28.29390	02 08 20.50	+04 58 29.7	20.0 T		704
115P	2003 09 28.30744	02 08 19.90	+04 58 22.9	20.4 T		704
115P	2003 09 28.33318	02 08 19.07	+04 58 09.4	20.3 T		704
115P	2003 09 28.34650	02 08 18.58	+04 58 04.2	20.1 T		704
115P	2003 10 02.65716	02 05 42.76	+04 26 24.6	19.1 T		360
115P	2003 10 02.66419	02 05 42.49	+04 26 21.4			360
116P/Wild						
116P	2003 07 31.98223	15 21 31.68	-22 14 19.4			834
116P	2003 08 01.01516	15 21 33.40	-22 14 24.9			834
116P	2003 08 10.95279	15 31 19.25	-22 42 51.1			834
116P	2003 08 10.97866	15 31 20.85	-22 42 56.1			834
116P	2003 09 08.42061	16 06 49.81	-24 13 57.4	16.7 N		E14
116P	2003 09 08.42424	16 06 50.12	-24 13 58.4	16.6 N		E14
116P	2003 09 08.42788	16 06 50.45	-24 13 58.9	16.5 N		E14
118P/Shoemaker-Levy						
118P	2003 09 09.79859	08 56 26.96	+13 32 36.5			349
118P	2003 09 09.80228	08 56 27.37	+13 32 35.3			349
118P	2003 09 09.80405	08 56 27.65	+13 32 33.0	15.3 T		349
118P	2003 09 13.78427	09 05 11.18	+13 01 38.8			349
118P	2003 09 13.78947	09 05 11.90	+13 01 35.4			349
118P	2003 09 13.79208	09 05 12.23	+13 01 35.0			349
118P	2003 09 13.79480	09 05 12.53	+13 01 33.6	15.0 T		349
118P	2003 09 18.80001	09 16 00.58	+12 21 25.2			349
118P	2003 09 18.81413	09 16 02.37	+12 21 16.7	15.4 T		349
118P	2003 09 22.80999	09 24 31.05	+11 48 24.4	14.9 T		349
118P	2003 09 22.81163	09 24 31.31	+11 48 23.8			349
118P	2003 09 22.81319	09 24 31.43	+11 48 23.3			349
118P	2003 09 22.81499	09 24 31.72	+11 48 22.2			349
118P	2003 09 25.13236	09 29 23.17	+11 29 02.5	15.8 N		235
118P	2003 09 29.81471	09 39 03.48	+10 49 24.5	15.0 T		349
118P	2003 09 29.81589	09 39 03.55	+10 49 24.4			349

118P	2003 09 29.81708	09 39 03.69	+10 49 24.1		349
118P	2003 09 29.81828	09 39 03.84	+10 49 23.2		349
121P/Shoemaker-Holt					
121P	2003 09 22.11016	03 02 15.60	-05 50 41.1	20 T	461
121P	2003 09 22.11352	03 02 15.56	-05 50 42.2		461
121P	2003 09 22.11689	03 02 15.52	-05 50 43.4		461
121P	2003 09 22.12023	03 02 15.48	-05 50 44.4		461
121P	2003 09 23.12166	03 02 05.28	-05 55 26.8	19.5 T	461
121P	2003 09 23.12478	03 02 05.24	-05 55 28.1		461
121P	2003 09 23.12789	03 02 05.21	-05 55 28.7		461
121P	2003 09 23.13102	03 02 05.17	-05 55 29.3		461
121P	2003 09 24.10956	03 01 53.97	-06 00 06.7	19.5 T	461
121P	2003 09 24.11245	03 01 53.97	-06 00 07.4		461
121P	2003 09 24.12208	03 01 53.88	-06 00 10.4		461
121P	2003 09 30.42833	03 00 13.72	-06 30 01.7	20.1 T	291
121P	2003 09 30.43576	03 00 13.57	-06 30 03.9	20.2 T	291
121P	2003 09 30.44310	03 00 13.41	-06 30 06.0	20.2 T	291
121P	2003 10 01.30439	02 59 56.25	-06 34 09.1	19.8 T	699
121P	2003 10 01.32025	02 59 55.83	-06 34 12.6		699
121P	2003 10 01.33622	02 59 55.52	-06 34 18.9		699
121P	2003 10 01.35222	02 59 55.16	-06 34 22.7		699
121P	2003 10 01.46624	02 59 52.61	-06 34 54.6	19.9 T	291
121P	2003 10 01.47366	02 59 52.46	-06 34 56.7	19.9 T	291
121P	2003 10 01.48101	02 59 52.29	-06 34 58.8	19.9 T	291
123P/West-Hartley					
123P	2003 09 04.12355	08 54 26.56	+28 24 51.7	17.0 T	235
123P	2003 09 19.15854	09 29 36.81	+26 40 11.3	16.7 T	204
123P	2003 09 21.16072	09 34 14.62	+26 24 47.9	18.0 N	204
123P	2003 09 25.11553	09 43 20.47	+25 53 31.6	16.7 N	235
123P	2003 09 29.79792	09 54 01.63	+25 15 05.9		349
123P	2003 09 29.80236	09 54 02.23	+25 15 03.5		349
123P	2003 09 29.80540	09 54 02.61	+25 15 03.1		349
123P	2003 09 29.80763	09 54 02.98	+25 15 01.7	16.3 T	349
123P	2003 09 30.78942	09 56 16.66	+25 06 47.5		349
123P	2003 09 30.79164	09 56 16.91	+25 06 46.6		349
123P	2003 09 30.79388	09 56 17.29	+25 06 45.6		349
123P	2003 09 30.79611	09 56 17.58	+25 06 44.1	16.2 T	349
127P/Holt-Olmstead					
127P	2003 09 05.11326	04 57 38.28	+31 53 02.5	19.7 T	204
127P	2003 09 05.12115	04 57 38.81	+31 53 09.4	19.4 T	204
127P	2003 09 22.12507	05 20 13.65	+34 31 50.6	20.5 T	461
127P	2003 09 22.12728	05 20 13.84	+34 31 52.5		461
127P	2003 09 22.12948	05 20 13.91	+34 31 52.8		461
127P	2003 09 22.13168	05 20 14.15	+34 31 54.0		461
152P/Helin-Lawrence					
152P	2003 09 28.09918	19 43 21.05	-28 16 36.8	17.9 T	704
152P	2003 09 28.11276	19 43 21.46	-28 16 35.6	19.1 T	704
152P	2003 09 28.12598	19 43 21.85	-28 16 33.3	19.1 T	704
152P	2003 09 28.13909	19 43 22.18	-28 16 32.4	18.4 T	704
152P	2003 09 28.15229	19 43 22.53	-28 16 31.6	18.2 T	704
152P	2003 09 29.09636	19 43 47.19	-28 15 15.0	18.0 T	704

152P	2003 09 29.10950	19 43 47.58	-28 15 15.3	18.9 T	704
152P	2003 09 29.12224	19 43 47.96	-28 15 13.8	19.0 T	704
152P	2003 09 29.13519	19 43 48.26	-28 15 12.2	18.8 T	704
152P	2003 09 29.14812	19 43 48.69	-28 15 11.3	18.4 T	704
157P/Tritton					
157P	2003 09 22.46438	08 24 16.30	+22 42 02.1	13.6 T	5 678
157P	2003 09 22.47741	08 24 18.44	+22 41 53.5	13.6 T	5 678
157P	2003 09 22.49065	08 24 21.07	+22 41 37.7	14.2 T	5 678
157P	2003 09 22.50745	08 24 24.62	+22 41 21.8	14.4 T	5 678
157P	2003 10 06.44284	09 08 52.72	+18 58 15.9	12.4 T	678
157P	2003 10 06.46027	09 08 55.94	+18 57 59.6	12.4 T	678
157P	2003 10 07.14208	09 11 00.32	+18 46 09.6	13.4 T	620
157P	2003 10 07.14647	09 11 01.11	+18 46 05.1	13.2 T	620
157P	2003 10 07.15084	09 11 01.89	+18 46 00.5	13.6 T	620
157P	2003 10 07.15523	09 11 02.69	+18 45 55.9	13.5 T	620
157P	2003 10 07.39279	09 11 45.81	+18 41 48.9	13.1 T	649
157P	2003 10 07.39572	09 11 46.34	+18 41 45.8	13.1 T	649
157P	2003 10 07.39806	09 11 46.76	+18 41 43.3	13.1 T	649
157P	2003 10 07.44792	09 11 55.72	+18 40 52.0	10.1 T	850
157P	2003 10 07.52888	09 12 10.59	+18 39 26.8	13.5 T	673
157P	2003 10 07.53403	09 12 11.58	+18 39 21.3		673
157P	2003 10 07.53634	09 12 11.94	+18 39 18.8		673
157P	2003 10 07.54051	09 12 12.71	+18 39 14.7		673
157P	2003 10 07.54479	09 12 13.46	+18 39 09.8		673
157P	2003 10 07.54630	09 12 13.73	+18 39 08.1		673

Note 1: these observations replace those given on *MPC* 49394 for the same dates.
 2: faint image. 3: poor configuration of reference stars. 4: involved with star.
 5: prediscovery (or prerediscovery) observation.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

- 304 Las Campanas Observatory. Observers M. Holman, D. Trilling, W. Fraser. Measurer M. Holman. Clay 6.5-m reflector + CCD.
- 309 Cerro Paranal. Observers J.-M. Petit, P. Rousselot, O. Mousis. Measurer B. Gladman. ESO 8.2-m UT3 Telescope + CCD.
- 568 Mauna Kea. Observers S. S. Sheppard, D. C. Jewitt, J. Kleyna, J. Kavelaars. Measurers S. S. Sheppard, M. Holman. Subaru 8.2-m reflector + CCD, Gemini 8.2-m reflector + CCD, 3.6-m Canada-France-Hawaii telescope + CCD.
- 608 Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano. 1.2-m reflector + CCD.
- 673 Table Mountain Observatory. Observer A. M. Sullivan, W. M. Owen, Jr. 0.61-m *f*/16 reflector + CCD.
- 675 Palomar Mountain. Observers P. Nicholson, C. Dumas. Measurer B. Gladman. 5-m Hale reflector + CCD.
- 807 Cerro Tololo. Observers M. Holman, J. Kavelaars. Measurers M. Holman, J. Kavelaars, T. Grav, W. Fraser, D. Milisavljevic. 4-m Blanco reflector + CCD.
- 950 La Palma. Observer T. Grav. Measurer M. Holman. 2.5-m Nordic Optical Telescope + CCD.

2003 OCT. 10

M.P.C. 49767

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.						
S/2001 U 2	2001 08 13.23319		21 40 52.96	-14 46 58.9	25.0 R	807	S/2002 N 4	2002 09 03.09607	20 45 40.12	-18 32 42.2	25.2 R	309
S/2001 U 2	2001 08 13.29446		21 40 52.36	-14 47 01.8	24.9 R	807	S/2002 N 4	2002 09 03.10150	20 45 40.08	-18 32 42.3		309
S/2001 U 2	2001 08 13.35711		21 40 51.75	-14 47 04.6	25.1 R	807	S/2002 N 4	2002 09 03.19134	20 45 39.59	-18 32 44.2	24.8 R	309
S/2001 U 2	2001 09 21.17200		21 35 14.43	-15 14 26.4	25 R	675	S/2002 N 4	2002 09 03.19677	20 45 39.54	-18 32 44.3		309
S/2001 U 2	2001 09 21.22091		21 35 14.10	-15 14 28.0	25.1 R	675	S/2002 N 4	2002 09 03.20221	20 45 39.51	-18 32 44.4		309
S/2001 U 2	2001 09 21.24238		21 35 13.94	-15 14 29.0		675	S/2002 N 4	2002 09 03.86540	20 45 35.96	-18 32 58.3		950
S/2001 U 2	2003 08 29.38944		22 09 32.88	-12 13 38.8		568	S/2002 N 4	2002 09 03.88504	20 45 35.86	-18 32 58.4		950
S/2001 U 2	2003 08 29.41209		22 09 32.66	-12 13 40.2		568	S/2002 N 4	2002 09 03.90715	20 45 35.73	-18 32 58.9		950
S/2001 U 2	2003 08 29.43328		22 09 32.42	-12 13 41.2		568	S/2002 N 4	2003 08 18.98238	20 56 44.91	-17 50 03.0		807
S/2001 U 2	2003 08 30.41824		22 09 23.49	-12 14 30.0	25.2 R	568	S/2002 N 4	2003 08 19.01812	20 56 44.70	-17 50 03.8	24.3 R	807
S/2001 U 2	2003 08 30.43948		22 09 23.30	-12 14 31.1	25.1 R	568	S/2002 N 4	2003 08 19.05980	20 56 44.40	-17 50 05.0		807
S/2001 U 2	2003 09 20.38884		22 06 23.61	-12 30 32.9		568	S/2002 N 4	2003 08 19.10626	20 56 44.12	-17 50 06.4		807
S/2001 U 2	2003 09 20.41457		22 06 23.45	-12 30 34.0		568	S/2002 N 4	2003 09 28.02620	20 53 21.86	-18 03 33.5		304
S/2001 U 2	2003 09 29.22684		22 05 19.13	-12 36 08.8		568	S/2002 N 4	2003 09 28.09679	20 53 21.62	-18 03 34.4		304
S/2001 U 2	2003 09 29.27012		22 05 18.82	-12 36 11.0		568	S/2002 N 4	2003 09 28.15159	20 53 21.48	-18 03 34.7		304
S/2001 U 2	2003 09 30.14790		22 05 12.87	-12 36 40.6	25.0 R	304	S/2002 N 4	2003 09 29.99016	20 53 15.69	-18 03 56.6		304
S/2001 U 2	2003 09 30.15166		22 05 12.85	-12 36 40.7		304	S/2002 N 4	2003 09 29.99408	20 53 15.69	-18 03 56.7		304
S/2001 U 2	2003 09 30.15542		22 05 12.82	-12 36 40.7		304	S/2002 N 4	2003 09 30.02188	20 53 15.59	-18 03 56.9	24.6 R	304
S/2001 U 3	2001 08 13.23319		21 41 51.63	-14 39 12.5	25.1 R	807	S/2002 N 4	2003 09 30.02564	20 53 15.58	-18 03 57.1		304
S/2001 U 3	2001 08 13.29446		21 41 51.05	-14 39 15.7	25.3 R	807	Jupiter VIII	2003 02 18.53008	08 46 16.75	+17 57 48.9	17.5	608
S/2001 U 3	2001 08 13.35711		21 41 50.46	-14 39 18.7	25.5 R	807	Jupiter VIII	2003 02 18.54057	08 46 16.46	+17 57 50.3	17.4	608
S/2001 U 3	2001 08 25.41067		21 39 59.66	-14 49 03.4		568	Jupiter VIII	2003 02 18.55092	08 46 16.15	+17 57 51.8	17.5	608
S/2001 U 3	2001 09 21.17887		21 36 24.32	-15 06 48.1		675	Saturn IX	2003 09 20.462983	06 50 07.420	+22 09 48.84		673
S/2001 U 3	2001 09 21.21562		21 36 24.07	-15 06 49.2		675	Saturn IX	2003 09 20.467551	06 50 07.484	+22 09 48.74		673
S/2001 U 3	2002 09 03.22766		21 55 19.75	-13 28 05.1		309	Saturn IX	2003 09 20.472164	06 50 07.548	+22 09 48.65		673
S/2001 U 3	2002 09 05.18925		21 55 02.60	-13 29 26.7	25.4 R	309	Saturn IX	2003 09 21.456622	06 50 22.049	+22 09 29.70		673
S/2001 U 3	2002 09 05.28653		21 55 01.74	-13 29 31.1		309	Saturn IX	2003 09 21.461228	06 50 22.119	+22 09 29.62		673
S/2002 N 1	2003 09 28.07685		20 51 27.33	-17 50 17.9	24.0 R	304	Saturn IX	2003 09 21.465751	06 50 22.178	+22 09 29.55		673
S/2002 N 1	2003 09 28.13221		20 51 27.17	-17 50 18.7		304	Uranus XX	2002 11 07.04066	21 50 07.23	-13 49 23.6		309
S/2002 N 1	2003 09 28.13598		20 51 27.13	-17 50 18.7		304	Uranus XX	2002 11 09.02120	21 50 08.84	-13 49 14.9		309
S/2002 N 2	2003 08 20.97688		20 54 55.79	-17 38 14.0	25.2 R	807	Uranus XXI	2002 11 07.04066	21 50 02.92	-13 52 14.2		309
S/2002 N 2	2003 08 21.05937		20 54 55.25	-17 38 16.3		807						
S/2002 N 2	2003 08 29.25633		20 54 06.88	-17 41 42.6	26 R	568						
S/2002 N 2	2003 08 29.28303		20 54 06.64	-17 41 44.6		568						
S/2002 N 2	2003 08 29.30897		20 54 06.56	-17 41 44.5		568						
S/2002 N 2	2003 08 30.31005		20 54 00.85	-17 42 09.9	25.5 R	568						
S/2002 N 2	2003 08 30.33675		20 54 00.79	-17 42 09.2		568						
S/2002 N 3	2003 08 29.25633		20 54 48.52	-17 18 02.8		568						
S/2002 N 3	2003 08 29.28303		20 54 48.37	-17 18 03.4		568						
S/2002 N 3	2003 08 30.31005		20 54 42.17	-17 18 28.5		568						
S/2002 N 3	2003 08 30.33675		20 54 42.04	-17 18 29.2	25.5 R	568						
S/2002 N 3	2003 09 30.00245		20 52 18.26	-17 28 15.6	25.4 R	304						
S/2002 N 3	2003 09 30.02989		20 52 18.18	-17 28 16.0		304						
S/2002 N 3	2003 09 30.03741		20 52 18.15	-17 28 16.1		304						
S/2002 N 4	2002 08 14.00655		20 47 41.38	-18 24 51.2	24.7 R	807	Pluto	2003 09 14.85826	17 08 10.46	-13 49 27.3		231
S/2002 N 4	2002 08 14.13779		20 47 40.51	-18 24 54.6		807	Pluto	2003 09 15.82881	17 08 12.60	-13 49 52.4		231
S/2002 N 4	2002 08 14.19312		20 47 40.15	-18 24 56.0		807						
S/2002 N 4	2002 08 16.03731		20 47 28.22	-18 25 44.3	24.6 R	807						
S/2002 N 4	2002 08 16.12087		20 47 27.69	-18 25 46.8		807						
S/2002 N 4	2002 08 16.18696		20 47 27.26	-18 25 48.6		807						
S/2002 N 4	2002 09 03.09063		20 45 40.15	-18 32 42.2	25.0 R	309						

OBSERVATIONS OF PLUTO

Observations are published here for the following observatory codes:

231 Vesqueville. Observer F. Vandenabeele. 0.20-m *f*/6.3 reflector + CCD.

	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Pluto	2003 09 14.85826		17 08 10.46	-13 49 27.3		231
Pluto	2003 09 15.82881		17 08 12.60	-13 49 52.4		231

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]

P/2002 O8 (NEAT)

Epoch 2002 May 6.0 TT = JDT 2452400.5

<i>T</i>	2002 May 8.6341 TT		MPC	
<i>q</i>	3.229392	(2000.0)	P	Q
<i>n</i>	0.1216809	ω 222.2838	+0.4500159	+0.8669367
<i>a</i>	4.033243	Ω 75.5020	−0.7486347	+0.4970400
<i>e</i>	0.199307	<i>i</i> 12.7857	−0.4868592	+0.0370413
<i>P</i>	8.10			

From 82 observations 2001 May 22–2003 Oct. 2, mean residual 0^{''}.5.

P/2002 T5 (LINEAR)

Epoch 2003 June 10.0 TT = JDT 2452800.5

<i>T</i>	2003 June 27.8626 TT		MPC	
<i>q</i>	3.934096	(2000.0)	P	Q
<i>n</i>	0.0533940	ω 326.7600	−0.0666166	−0.9007844
<i>a</i>	6.984589	Ω 123.3313	+0.9902348	−0.1124726
<i>e</i>	0.436746	<i>i</i> 30.9047	+0.1224633	+0.4194490
<i>P</i>	18.5			

From 322 observations 2002 Oct. 5–2003 Sept. 30, mean residual 0^{''}.6.

P/2003 O2 (LINEAR)

Epoch 2003 Aug. 29.0 TT = JDT 2452880.5

<i>T</i>	2003 Sept. 5.8087 TT		MPC	
<i>q</i>	1.505408	(2000.0)	P	Q
<i>n</i>	0.1124160	ω 32.7210	+0.9494224	−0.3067970
<i>a</i>	4.251909	Ω 344.7092	+0.2046601	+0.7661465
<i>e</i>	0.645945	<i>i</i> 14.6904	+0.2381413	+0.5647081
<i>P</i>	8.77			

From 384 observations 2003 July 29–Oct. 7, mean residual 0^{''}.7.

P/2003 O3 (LINEAR)

Epoch 2003 Aug. 29.0 TT = JDT 2452880.5

<i>T</i>	2003 Aug. 14.0639 TT		MPC	
<i>q</i>	1.246405	(2000.0)	P	Q
<i>n</i>	0.1801016	ω 0.7632	+0.9524323	+0.3012346
<i>a</i>	3.105449	Ω 341.5021	−0.2803680	+0.8067619
<i>e</i>	0.598639	<i>i</i> 8.3650	−0.1194424	+0.5083237
<i>P</i>	5.47			

From 226 observations 2003 July 30–Oct. 5, mean residual 0^{''}.6.

P/2003 QX₂₉ (NEAT)

T 2002 Oct. 27.5070 TT

<i>T</i>	2002 Oct. 27.5070 TT		MPC	
<i>q</i>	4.243650	(2000.0)	P	Q
<i>n</i>	0.0434738	ω 37.4770	+0.5184122	+0.8322041
<i>a</i>	8.010343	Ω 264.5522	−0.8245946	+0.4255809
<i>e</i>	0.470229	<i>i</i> 11.3953	−0.2264786	+0.3554113
<i>P</i>	22.7			

From 78 observations 2003 Aug. 23–Sept. 30.

C/2003 R1 (LINEAR)

T 2003 June 29.5876 TT

<i>T</i>	2003 June 29.5876 TT		MPC	
<i>q</i>	2.101742	(2000.0)	P	Q
<i>n</i>	0.0113542	ω 302.6817	+0.5808026	+0.8135074
<i>a</i>	19.604969	Ω 356.6908	+0.8050309	−0.5793822
<i>e</i>	0.892795	<i>i</i> 149.1936	−0.1208036	+0.0502194
<i>P</i>	86.8			

From 107 observations 2003 Sept. 2–Oct. 6.

P/2003 S1 (NEAT)

T 2004 Mar. 28.2771 TT

<i>T</i>	2004 Mar. 28.2771 TT		MPC	
<i>q</i>	2.593591	(2000.0)	P	Q
<i>n</i>	0.1010748	ω 176.0791	+0.5429070	−0.8348826
<i>a</i>	4.564300	Ω 241.0172	+0.7676477	+0.5371519
<i>e</i>	0.431766	<i>i</i> 5.9501	+0.3405420	+0.1201619
<i>P</i>	9.75			

From 123 observations 2003 Sept. 4–Oct. 5.

P/2003 S2 (NEAT)

T 2003 Sept. 10.894 TT

<i>T</i>	2003 Sept. 10.894 TT		MPC	
<i>q</i>	2.45981	(2000.0)	P	Q
<i>n</i>	0.131990	ω 285.478	+0.965481	−0.223972
<i>a</i>	3.82040	Ω 87.603	+0.259016	+0.879451
<i>e</i>	0.35614	<i>i</i> 7.648	−0.027503	+0.420002
<i>P</i>	7.47			

From 90 observations 2003 Sept. 19–Oct. 5.

C/2003 S3 (LINEAR)

T 2002 Aug. 3.481 TT

<i>T</i>	2002 Aug. 3.481 TT		MPC	
<i>q</i>	7.73921	(2000.0)	P	Q
		ω 138.744	+0.096798	+0.930874
		Ω 226.637	+0.737734	+0.170489
<i>e</i>	1.0	<i>i</i> 151.017	+0.668116	−0.323121

From 28 observations 2003 Sept. 27–Oct. 5.

C/2003 S4 (LINEAR)

T 2004 June 7.745 TT

<i>T</i>	2004 June 7.745 TT		MPC	
<i>q</i>	3.77020	(2000.0)	P	Q
		ω 158.829	+0.864098	−0.222637
		Ω 223.500	+0.313267	+0.939859
<i>e</i>	1.0	<i>i</i> 40.978	+0.393952	−0.259032

From 77 observations 2003 Sept. 26–Oct. 5.

104P/Kowal

Epoch 2004 Apr. 25.0 TT = JDT 2453120.5

T 2004 May 9.1929 TT

<i>T</i>	2004 May 9.1929 TT		MPC	
<i>q</i>	1.395950	(2000.0)	P	Q
<i>n</i>	0.1595225	ω 192.0435	+0.2126387	−0.9461402
<i>a</i>	3.367090	Ω 246.0854	+0.9172069	+0.2794186
<i>e</i>	0.585414	<i>i</i> 15.4897	+0.3369217	−0.1635355
<i>P</i>	6.18			

From 93 observations 1997–2003, mean residual 0^{''}.7.

157P/Tritton

Epoch 2003 Oct. 8.0 TT = JDT 2452920.5

<i>T</i>	2003 Sept. 24.3077 TT		MPC	
<i>q</i>	1.421098	(2000.0)	P	Q
<i>n</i>	0.1528328	ω 147.4233	+0.0286667	-0.9939015
<i>a</i>	3.464642	Ω 300.7297	+0.8885306	+0.0741364
<i>e</i>	0.589828	<i>i</i> 7.1157	+0.4579210	-0.0816311
<i>P</i>	6.45			

From 21 observations 1978–2003, mean residual 0''.8.

S/2001 U 2

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	213.67861	(2000.0)	P	Q
<i>n</i>	0.12895000	ω 164.68428	+0.49224121	+0.85595270
<i>a</i>	0.1366338	Ω 225.50487	+0.77350869	-0.34674471
<i>e</i>	0.4372267	<i>i</i> 167.18197	+0.39922788	-0.38355324
<i>P</i>	2791.78 d	<i>H</i> 12.5 <i>G</i> 0.15		

From 18 observations 2001 Aug. 13–2003 Sept. 30, mean residual 0''.36.

S/2001 U 3

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	186.19537	(2000.0)	P	Q
<i>n</i>	1.35049344	ω 123.18537	+0.81211730	-0.26117326
<i>a</i>	0.0285437	Ω 103.05787	-0.52101175	-0.72718320
<i>e</i>	0.1425279	<i>i</i> 147.61337	+0.26270180	-0.63481739
<i>P</i>	266.57 d	<i>H</i> 12.8 <i>G</i> 0.15		

From 9 observations 2001 Aug. 13–2002 Sept. 5, mean residual 0''.24.

S/2002 N 1

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	149.18089	(2000.0)	P	Q
<i>n</i>	0.19202021	ω 156.88577	+0.64097566	+0.51924737
<i>a</i>	0.1107166	Ω 217.49944	+0.47473948	+0.31049899
<i>e</i>	0.2599925	<i>i</i> 111.78660	+0.60313567	-0.79622393
<i>P</i>	1874.80 d	<i>H</i> 9.8 <i>G</i> 0.15		

From 39 observations 2001 Aug. 10–2003 Sept. 28, mean residual 0''.41.

S/2002 N 2

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	192.25552	(2000.0)	P	Q
<i>n</i>	0.12310062	ω 63.92077	-0.27190335	-0.65857924
<i>a</i>	0.1489146	Ω 61.83613	+0.30670644	-0.75042397
<i>e</i>	0.1374235	<i>i</i> 52.74081	+0.91214019	+0.05601109
<i>P</i>	2924.44 d	<i>H</i> 11.0 <i>G</i> 0.15		

From 30 observations 2001 July 23–2003 Aug. 30, mean residual 0''.44.

S/2002 N 3

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	321.08780	(2000.0)	P	Q
<i>n</i>	0.12085373	ω 138.04802	-0.85630538	+0.06429784
<i>a</i>	0.1507547	Ω 53.56893	-0.43755773	-0.61744437
<i>e</i>	0.4159347	<i>i</i> 39.56290	+0.27437989	-0.78398229
<i>P</i>	2978.81 d	<i>H</i> 10.7 <i>G</i> 0.15		

From 24 observations 2001 Aug. 11–2003 Sept. 30, mean residual 0''.25.

S/2002 N 4

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	253.86311	(2000.0)	P	Q
<i>n</i>	0.03997527	ω 89.76912	+0.60133725	-0.61091946
<i>a</i>	0.3151978	Ω 52.16877	-0.68309653	-0.72740497
<i>e</i>	0.6049199	<i>i</i> 139.30893	+0.41445463	-0.31250509
<i>P</i>	9005.57 d	<i>H</i> 10.4 <i>G</i> 0.15		

From 26 observations 2002 Aug. 14–2003 Sept. 30, mean residual 0''.49.

Uranus XX (Stephano)

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	307.59630	(2000.0)	P	Q
<i>n</i>	0.53191919	ω 30.43136	-0.91693485	+0.38521185
<i>a</i>	0.0531221	Ω 189.69207	+0.10215464	+0.47885383
<i>e</i>	0.1442209	<i>i</i> 141.79326	+0.38573942	+0.78886681
<i>P</i>	676.79 d	<i>H</i> 11.6 <i>G</i> 0.15		

From 36 observations 1999 July 18–2003 Aug. 29, mean residual 0''.51.

Uranus XXI (Trinculo)

Epoch 2003 Dec. 27.0 TT = JDT 2453000.5

<i>M</i>	162.58787	(2000.0)	P	Q
<i>n</i>	0.48137284	ω 161.22392	+0.79435160	+0.60252619
<i>a</i>	0.0567786	Ω 198.91252	+0.52235490	-0.61260355
<i>e</i>	0.2209452	<i>i</i> 166.21154	+0.31008208	-0.51154578
<i>P</i>	747.86 d	<i>H</i> 12.8 <i>G</i> 0.15		

From 27 observations 2001 Aug. 13–2003 Aug. 29, mean residual 0''.27.

NEW NAMES OF MINOR PLANETS**(19550) Samabates = 1999 JP₆₁**

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Samantha Lee Bates (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her biochemistry, medicine, health and microbiology project. She attends the Notre Dame Elementary School, Belmont, California.

(19551) Peterborden = 1999 JL₆₂

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Peter Young Borden (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his environmental sciences project. He attends the Canterbury School, Ft. Myers, Florida.

(19563) Brzezinska = 1999 JB₁₂₄

Discovered 1999 May 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bogna Natalia Brzezinska (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her environmental sciences project. She attends the Hastings Middle School, Upper Arlington, Ohio.

(19564) Ajburnetti = 1999 JP₁₂₆

Discovered 1999 May 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anthony James Burnetti (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry,

medicine, health and microbiology project. He attends the Takoma Park Middle School, Silver Spring, Maryland.

(19568) Rachelmarie = 1999 KY₁₄

Discovered 1999 May 18 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rachel Marie Clements (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her botany and zoology project. She attends the Clements Homeschool, Albuquerque, New Mexico.

(19572) Leahmarie = 1999 LE₁₁

Discovered 1999 June 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Leah Marie Crowder (b. 1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her botany and zoology project. She attends the Heights Homeschool Organization, Albuquerque, New Mexico.

(19573) Cummings = 1999 LW₁₃

Discovered 1999 June 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ian Douglas Cummings (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his computer science project. He attends the St. Olafs Catholic School, Bountiful, Utah.

(19574) Davedwards = 1999 LQ₂₁

Discovered 1999 June 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

David Kitzmiller Edwards V (b. 1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his environmental sciences project. He attends the Emily Gray Junior High School, Tucson, Arizona.

(19575) Feeny = 1999 LB₂₂

Discovered 1999 June 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Dana Anne Feeny (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her environmental sciences project. She attends the Woodside Elementary School, Woodside, California.

(19577) Bobbyfisher = 1999 LP₂₆

Discovered 1999 June 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bobby Drake Fisher (b.1992) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his botany and zoology project. He attends the Salesian Sisters Elementary School, Corralitos, California.

(19584) Sarahgerin = 1999 NZ₆

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah H. Gerin (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her botany and zoology project. She attends the Arthur I. Meyer Jewish Academy, West Palm Beach, Florida.

(19585) Zachopkins = 1999 NU₇

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zachary Harvey Hopkins (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Mountain Ridge Junior High School, Highland, Utah.

(19587) Keremane = 1999 NG₁₁

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shravya Ramadugu Keremane (b. 1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her biochemistry, medicine, health and microbiology project. She attends the Howard Bishop Middle School, Gainesville, Florida.

(19589) Kirkland = 1999 NZ₁₄

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tyler Hollis Kirkland (b. 1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his environmental sciences project. He attends the Emily Gray Junior High School, Tucson, Arizona.

(19591) Michaelklein = 1999 NW₂₁

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Aaron Klein (b. 1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his behavioral science project. He attends the Lawrence Middle School, Lawrence, New York.

(19593) Justinkoh = 1999 NZ₂₉

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Justin Koh (b. 1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Fruitvale Junior High School, Bakersfield, California.

(19595) Lafer-Sousa = 1999 NW₃₁

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Luis Lafer-Sousa (b. 1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Keystone Junior High School, San Antonio, Texas.

(19596) Spegorlarson = 1999 NX₃₁

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Spencer Gordon Larson (b.1991) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his botany and zoology project. He attends the Springville Middle School, Springville, Utah.

(19597) Ryanlee = 1999 NJ₃₂

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ryan Thomas Lee (b. 1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his earth and space science project. He attends the Fairfield Middle School, Fairfield, Ohio.

(19598) Luttrell = 1999 NL₃₉

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jeffrey Michael Luttrell (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his behavioral science project. He attends the Kyrene del Pueblo Middle School, Chandler, Arizona.

(19599) Brycemelton = 1999 NX₄₀

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bryce Michael Melton (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Honey Creek Middle School, Terre Haute, Indiana.

(19602) Austinminor = 1999 NK₄₂

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Austin Lee Minor (b.1991) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his environmental sciences project. He attends the Hazelgrove Elementary School, Lee's Summit, Missouri.

(19603) Monier = 1999 NF₄₈

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elizabeth Nicole Monier (b.1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her biochemistry, medicine, health and microbiology project. She attends the Keystone Junior High School, San Antonio, Texas.

(19614) Montelongo = 1999 OV₁

Discovered 1999 July 16 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael John Montelongo (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his botany and zoology project. He attends the Desert View Middle School, El Paso, Texas.

(19625) Ovaitt = 1999 RT₁₁

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elena Kurtz Ovaitt (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her biochemistry, medicine, health and microbiology project. She attends the West Platte Middle School, Weston, Missouri.

(19637) Presbrey = 1999 RU₄₈

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Scott Thomas Presbrey (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Canterbury School, Ft. Myers, Florida.

(19638) Johngeneroid = 1999 RH₅₇

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

John Gene Reid (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his botany and zoology project. He attends the Moore Middle School, Redlands, California.

(19640) Ethanroth = 1999 RP₈₉

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ethan Michael Roth (b.1992) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his behavioral science project. He attends the Barstow School, Kansas City, Missouri.

(19643) Jacobrucker = 1999 RA₉₅

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jacob Jeffrey Rucker (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his earth and space science project. He attends the Rhoades School for the Gifted, Encinitas, California.

(19652) Saris = 1999 RC₁₁₇

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Patrick J. G. Saris (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his engineering project. He attends the Viewpoint School, Calabasas, California.

(19656) Simpkins = 1999 RA₁₂₂

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Taylor Simpkins (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her environmental sciences project. She attends the Pegasus School, Huntington Beach, California.

(19658) Sloop = 1999 RM₁₂₅

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katie Michelle Sloop (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for her botany and zoology project. She attends the St. Mary's School, Oak Ridge, Tennessee.

(19660) Danielsteck = 1999 RQ₁₂₉

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Daniel D'Andrea Steck (b.1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his engineering project. He attends the Barbara Bush Middle School, San Antonio, Texas.

(19662) Stunzi = 1999 RG₁₃₂

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joseph Robert Stunzi (b.1990) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the St. Joseph School, Athens, Georgia.

(19663) Rykerwatts = 1999 RU₁₃₃

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ryker H. Watts (b. 1989) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his biochemistry, medicine, health and microbiology project. He attends the Mountain Ridge Junior High School, Highland, Utah.

(19664) Yancey = 1999 RV₁₃₅

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bryan D. Yancey (b. 1988) is a finalist in the 2003 Discovery Channel Young Scientist Challenge, a middle school science competition, for his environmental sciences project. He attends the Lawton Chiles Middle Academy, Lakeland, Florida.

(19676) Ofeliaguilar = 1999 RY₁₆₆

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ofelia Aguilar mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Desert View Middle School, El Paso, Texas.

(19678) Belczyk = 1999 RO₁₆₈

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pamela Belczyk mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Brentwood Middle School, Pittsburgh, Pennsylvania.

(19679) Gretabetteo = 1999 RF₁₇₉

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Greta Betteo mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Notre Dame Elementary School, Belmont, California.

(19738) Calinger = 2000 AS₉₇

Discovered 2000 Jan. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Manetta Calinger mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Mt. De Chantal Visitation Academy, Wheeling, West Virginia.

(19741) Callahan = 2000 AN₁₄₁

Discovered 2000 Jan. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Diane Callahan mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Fairfield Middle School, Fairfield, Ohio.

(19754) Paclements = 2000 CG₉₅

Discovered 2000 Feb. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pauline Clements mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Clements Homeschool, Albuquerque, New Mexico.

(19758) Janelcoulson = 2000 GH₁₀₀

Discovered 2000 Apr. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Janel Opal Coulson mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the West Platte Middle School, Weston, Missouri.

(19762) Lacrowder = 2000 JQ₅₇

Discovered 2000 May 6 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lee Ann Crowder mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Heights Homeschool Organization, Albuquerque, New Mexico.

(19766) Katiedavis = 2000 OH₄

Discovered 2000 July 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katie Davis mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Salesian Sisters Elementary School, Corralitos, California.

(19768) Ellendoane = 2000 OX₁₄

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ellen Doane mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Mountain Ridge Junior High School, Highland, Utah.

(19769) Dolyniuk = 2000 OP₁₈

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

William Dolyniuk mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Woodside Elementary School, Woodside, California.

(19775) Medmondson = 2000 PY

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew Edmondson mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Pegasus School, Huntington Beach, California.

(19778) Louisgarcia = 2000 QE₂₉

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Louis Garcia mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Viewpoint School, Calabasas, California.

(19787) Betsyglass = 2000 QV₁₁₄

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Betsy Glass mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Canterbury School, Ft. Myers, Florida.

(19788) Hunker = 2000 QV₁₁₆

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Roxanne Hunker mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Rhoades School for the Gifted, Encinitas, California.

(19789) Susanjohnson = 2000 QP₁₄₉

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Susan Johnson mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Moore Middle School, Redlands, California.

(19801) Karenlemmon = 2000 RZ₆₄

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karen Lemmon mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the St. Olafs Catholic School, Bountiful, Utah.

(19806) Domatthews = 2000 SX₁₁

Discovered 2000 Sept. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Donna Matthews mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Takoma Park Middle School, Silver Spring, Maryland.

(19808) Elainemccall = 2000 SN₈₅

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elaine McCall mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Howard Bishop Middle School, Gainesville, Florida.

(19809) Nancyowen = 2000 SC₈₆

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nancy Owen mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Hazelgrove Elementary School, Lee's Summit, Missouri.

(19810) Partridge = 2000 SP₁₁₂

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mary Partridge mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the St. Joseph School, Athens, Georgia.

(19811) Kimperkins = 2000 SY₁₁₄

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kimberly Perkins mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Kyrene del Pueblo Middle School, Chandler, Arizona.

(19813) Ericssands = 2000 SF₁₂₁

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eric Sands mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Fruitvale Junior High School, Bakersfield, California.

(19815) Marshasega = 2000 ST₁₂₇

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Marsha Sega mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the St. Mary's School, Oak Ridge, Tennessee.

(19816) Wayneseyfert = 2000 SO₁₂₈

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Wayne Seyfert mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Lawrence Middle School, Lawrence, New York.

(19817) Larashelton = 2000 SK₁₄₅

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lara Shelton mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Barstow School, Kansas City, Missouri.

(19818) Shotwell = 2000 SB₁₅₀

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Gary Shotwell mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Lawton Chiles Middle Academy, Lakeland, Florida.

(19820) Stowers = 2000 ST₁₅₃

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Josh Stowers mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Springville Middle School, Springville, Utah.

(19821) Caroltolin = 2000 SU₁₅₄

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carol Tolin mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Honey Creek Middle School, Terre Haute, Indiana.

(19822) Vonzielonka = 2000 SK₁₆₉

Discovered 2000 Sept. 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Beverley von Zielonka mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Hastings Middle School, Upper Arlington, Ohio.

(19826) Patwalker = 2000 SX₁₉₂

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pat Walker mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Arthur I. Meyer Jewish Academy, West Palm Beach, Florida.

(19833) Wickwar = 2000 SA₂₃₀

Discovered 2000 Sept. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Steve Wickwar mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. He teaches at the Barbara Bush Middle School, San Antonio, Texas.

(19835) Zreda = 2000 SQ₂₅₂

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Grazyna Zreda mentored a finalist in the 2003 Discovery Channel Youth Science Challenge, a middle school science competition. She teaches at the Emily Gray Junior High School, Tucson, Arizona.

EPHEMERIDES

C/2003 S4 (LINEAR)					Elements <i>MPC</i> 49768				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		21 25.72	+31 28.5	3.677	4.332	125.3	10.9	18.2	
2003 10 18		21 27.06	+29 51.5	3.703	4.290	120.1	11.6	18.2	
2003 10 28		21 30.09	+28 13.3	3.746	4.250	114.1	12.3	18.2	
2003 11 07		21 34.77	+26 38.3	3.803	4.211	107.7	13.0	18.1	
2003 11 17		21 41.00	+25 09.7	3.872	4.173	100.9	13.5	18.1	
2003 11 27		21 48.64	+23 50.1	3.950	4.137	93.9	13.8	18.1	
2003 12 07		21 57.56	+22 41.3	4.035	4.102	86.9	13.9	18.2	
2003 12 17		22 07.57	+21 44.4	4.124	4.069	79.9	13.8	18.2	
2003 12 27		22 18.53	+20 59.5	4.214	4.037	72.9	13.5	18.2	
2004 01 06		22 30.30	+20 26.7	4.303	4.006	66.1	13.0	18.2	
2004 01 16		22 42.74	+20 05.3	4.389	3.978	59.3	12.3	18.2	
2004 01 26		22 55.73	+19 54.5	4.469	3.951	52.7	11.4	18.2	
2004 02 05		23 09.17	+19 53.3	4.543	3.925	46.2	10.4	18.2	
2004 02 15		23 22.96	+20 00.5	4.607	3.902	40.0	9.4	18.2	
2004 02 25		23 37.02	+20 14.9	4.661	3.880	34.0	8.2	18.2	

P/2003 QX₂₉ (NEAT)					Elements <i>MPC</i> 49768				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		22 21.30	+04 31.3	3.836	4.667	142.3	7.5	18.1	19.8
2003 10 18		22 19.87	+04 01.7	3.957	4.690	132.7	9.0	18.2	19.9
2003 10 28		22 19.74	+03 36.9	4.097	4.713	123.0	10.2	18.3	20.1
2003 11 07		22 20.93	+03 18.3	4.253	4.737	113.6	11.1	18.4	20.2
2003 11 17		22 23.38	+03 06.9	4.419	4.761	104.3	11.6	18.5	20.3
2003 11 27		22 27.03	+03 03.2	4.593	4.786	95.3	11.8	18.6	20.4
2003 12 07		22 31.76	+03 07.5	4.770	4.810	86.5	11.8	18.7	20.5
2003 12 17		22 37.43	+03 19.4	4.946	4.836	77.9	11.5	18.8	20.6
2003 12 27		22 43.93	+03 38.7	5.118	4.861	69.5	10.9	18.9	20.7
2004 01 06		22 51.13	+04 04.8	5.283	4.887	61.3	10.2	19.0	20.7
2004 01 16		22 58.89	+04 37.2	5.438	4.914	53.3	9.2	19.1	20.7
2004 01 26		23 07.11	+05 15.1	5.581	4.940	45.5	8.2	19.2	20.8
2004 02 05		23 15.69	+05 58.0	5.709	4.967	37.8	7.0	19.2	20.8
2004 02 15		23 24.52	+06 45.0	5.821	4.995	30.4	5.7	19.3	20.8

P/2003 S1 (NEAT)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		00 26.67	+10 26.8	1.859	2.852	172.0	2.8	17.4	
2003 10 18		00 20.91	+09 29.9	1.856	2.825	163.1	5.9	17.4	
2003 10 28		00 16.27	+08 33.4	1.880	2.799	152.4	9.5	17.3	
2003 11 07		00 13.38	+07 43.8	1.928	2.774	141.7	12.8	17.4	
2003 11 17		00 12.64	+07 05.4	1.996	2.751	131.3	15.7	17.4	
2003 11 27		00 14.23	+06 41.4	2.080	2.729	121.5	18.0	17.5	
2003 12 07		00 18.12	+06 33.1	2.177	2.709	112.3	19.7	17.5	
2003 12 17		00 24.19	+06 40.1	2.283	2.690	103.6	20.8	17.6	
2003 12 27		00 32.22	+07 01.6	2.394	2.672	95.4	21.5	17.7	
2004 01 06		00 42.00	+07 36.0	2.508	2.657	87.7	21.7	17.7	
2004 01 16		00 53.30	+08 21.3	2.622	2.642	80.4	21.5	17.8	
2004 01 26		01 05.94	+09 15.8	2.735	2.630	73.4	21.0	17.9	
2004 02 05		01 19.73	+10 17.3	2.846	2.619	66.8	20.2	18.0	
2004 02 15		01 34.54	+11 23.8	2.951	2.610	60.5	19.2	18.0	
2004 02 25		01 50.23	+12 33.7	3.052	2.603	54.4	18.0	18.1	
2004 03 06		02 06.70	+13 45.0	3.147	2.598	48.5	16.6	18.1	
2004 03 16		02 23.86	+14 56.0	3.234	2.595	42.9	15.1	18.2	
2004 03 26		02 41.64	+16 05.2	3.315	2.594	37.4	13.5	18.2	
2004 04 05		02 59.94	+17 11.0	3.388	2.594	32.0	11.8	18.3	

C/2003 R1 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		00 52.36	-09 42.6	1.399	2.378	164.7	6.4	18.1	
2003 10 18		00 05.51	-10 55.2	1.510	2.430	150.9	11.5	18.5	
2003 10 28		23 28.04	-11 17.0	1.693	2.485	133.7	16.8	19.0	
2003 11 07		23 00.82	-11 04.1	1.924	2.544	117.9	20.1	19.5	
2003 11 17		22 42.20	-10 31.9	2.184	2.605	103.9	21.6	19.8	
2003 11 27		22 30.10	-09 49.3	2.456	2.668	91.3	21.7	20.1	
2003 12 07		22 22.75	-09 01.0	2.730	2.733	79.8	20.8	20.4	
2003 12 17		22 18.80	-08 09.1	2.997	2.800	69.0	19.2	20.6	
2003 12 27		22 17.30	-07 14.8	3.251	2.869	58.9	17.1	20.8	
2004 01 06		22 17.53	-06 18.3	3.487	2.939	49.1	14.7	20.9	
2004 01 16		22 18.99	-05 20.2	3.700	3.010	39.8	12.1	21.0	
2004 01 26		22 21.30	-04 20.5	3.888	3.083	30.7	9.4	21.0	

P/2003 S2 (NEAT)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		01 53.75	-00 46.2	1.492	2.466	163.4	6.6	17.3	
2003 10 18		01 47.01	-01 11.2	1.487	2.472	168.6	4.6	17.3	
2003 10 28		01 40.00	-01 24.3	1.508	2.479	164.2	6.3	17.3	
2003 11 07		01 33.79	-01 21.5	1.554	2.488	155.0	9.7	17.4	
2003 11 17		01 29.22	-01 01.1	1.624	2.498	144.9	13.2	17.5	
2003 11 27		01 26.83	-00 23.5	1.714	2.511	135.0	16.1	17.7	
2003 12 07		01 26.88	+00 29.6	1.822	2.524	125.5	18.5	17.8	
2003 12 17		01 29.36	+01 35.6	1.943	2.539	116.5	20.3	18.0	
2003 12 27		01 34.10	+02 51.7	2.075	2.556	108.0	21.5	18.2	
2004 01 06		01 40.88	+04 15.4	2.215	2.574	99.9	22.1	18.3	
2004 01 16		01 49.42	+05 44.3	2.360	2.593	92.3	22.3	18.5	
2004 01 26		01 59.49	+07 16.5	2.508	2.614	85.1	22.0	18.7	
2004 02 05		02 10.86	+08 50.2	2.656	2.636	78.1	21.5	18.8	
2004 02 15		02 23.33	+10 23.7	2.803	2.658	71.4	20.6	19.0	
2004 02 25		02 36.75	+11 55.7	2.947	2.682	65.0	19.5	19.1	

2003 OCT. 10

M.P.C. 49775

2004 03 06	02 50.97	+13 25.1	3.087	2.707	58.7	18.2	19.3
2004 03 16	03 05.86	+14 50.6	3.221	2.733	52.6	16.8	19.4
2004 03 26	03 21.34	+16 11.6	3.349	2.760	46.6	15.2	19.5
2004 04 05	03 37.29	+17 27.0	3.468	2.788	40.7	13.5	19.7
2004 04 15	03 53.62	+18 36.2	3.579	2.816	34.9	11.8	19.8

C/2003 S3 (LINEAR)Elements *MPC* 49768

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		04 04.96	+28 29.8	7.513	8.180	129.1	5.4	19.0	
2003 10 18		03 58.33	+28 01.3	7.408	8.200	140.4	4.4	19.0	
2003 10 28		03 50.96	+27 27.5	7.331	8.220	151.8	3.3	19.0	
2003 11 07		03 43.11	+26 48.7	7.288	8.241	163.0	2.0	19.0	
2003 11 17		03 35.06	+26 05.6	7.281	8.262	172.5	0.9	19.0	
2003 11 27		03 27.10	+25 19.1	7.312	8.284	169.4	1.3	19.0	
2003 12 07		03 19.52	+24 30.8	7.380	8.306	158.7	2.5	19.0	
2003 12 17		03 12.59	+23 42.2	7.484	8.328	147.1	3.7	19.1	
2003 12 27		03 06.48	+22 55.1	7.620	8.350	135.6	4.7	19.1	
2004 01 06		03 01.35	+22 10.7	7.782	8.373	124.1	5.6	19.2	
2004 01 16		02 57.25	+21 30.2	7.965	8.397	112.9	6.2	19.2	
2004 01 26		02 54.18	+20 54.4	8.162	8.420	101.9	6.6	19.3	
2004 02 05		02 52.13	+20 23.4	8.366	8.444	91.2	6.7	19.4	
2004 02 15		02 51.00	+19 57.5	8.572	8.469	80.7	6.6	19.4	
2004 02 25		02 50.73	+19 36.2	8.773	8.493	70.5	6.3	19.5	
2004 03 06		02 51.19	+19 19.2	8.964	8.518	60.4	5.8	19.6	
2004 03 16		02 52.29	+19 06.1	9.140	8.544	50.7	5.2	19.6	
2004 03 26		02 53.92	+18 56.1	9.297	8.569	41.0	4.4	19.7	
2004 04 05		02 55.97	+18 48.7	9.431	8.595	31.6	3.5	19.7	

157P/TrittonElements *MPC* 49769

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 10 08		09 13.59	+18 31.3	1.657	1.429	59.1	36.9	12.6	
2003 10 18		09 42.61	+15 31.1	1.626	1.445	61.4	37.3	12.7	
2003 10 28		10 09.40	+12 23.8	1.598	1.469	64.2	37.5	12.7	
2003 11 07		10 33.92	+09 15.0	1.569	1.500	67.4	37.6	12.7	
2003 11 17		10 56.20	+06 09.6	1.538	1.538	71.2	37.5	12.8	
2003 11 27		11 16.17	+03 11.3	1.506	1.582	75.6	37.2	12.9	
2003 12 07		11 33.73	+00 23.5	1.470	1.630	80.6	36.6	13.0	
2003 12 17		11 48.75	-02 11.3	1.431	1.684	86.3	35.7	13.0	
2003 12 27		12 00.99	-04 30.9	1.390	1.740	92.7	34.4	13.1	
2004 01 06		12 10.14	-06 32.9	1.347	1.800	100.0	32.6	13.2	
2004 01 16		12 15.91	-08 15.2	1.305	1.862	108.1	30.1	13.3	
2004 01 26		12 17.99	-09 34.9	1.266	1.926	117.1	27.1	13.4	
2004 02 05		12 16.26	-10 29.3	1.234	1.991	127.1	23.3	13.4	
2004 02 15		12 10.91	-10 56.0	1.215	2.057	137.9	18.8	13.6	
2004 02 25		12 02.56	-10 54.2	1.212	2.124	149.3	13.8	13.7	
2004 03 06		11 52.35	-10 26.1	1.231	2.191	160.4	8.7	13.9	
2004 03 16		11 41.72	-09 38.3	1.275	2.259	168.6	5.0	14.1	
2004 03 26		11 32.07	-08 39.5	1.345	2.326	166.3	5.8	14.3	
2004 04 05		11 24.52	-07 39.9	1.440	2.393	157.0	9.4	14.6	
2004 04 15		11 19.61	-06 47.1	1.560	2.460	146.7	12.9	14.9	
2004 04 25		11 17.47	-06 06.2	1.699	2.527	136.7	15.9	15.2	
2004 05 05		11 17.96	-05 39.5	1.856	2.593	127.2	18.0	15.5	
2004 05 15		11 20.74	-05 27.4	2.026	2.659	118.3	19.6	15.8	
2004 05 25		11 25.45	-05 29.0	2.206	2.724	109.9	20.5	16.1	

2004 06 04	11 31.76	-05 43.0	2.394	2.788	102.0	20.8	16.3
2004 06 14	11 39.35	-06 07.8	2.587	2.852	94.4	20.8	16.6
2004 06 24	11 47.98	-06 41.8	2.782	2.914	87.2	20.4	16.9
2004 07 04	11 57.44	-07 23.6	2.977	2.976	80.1	19.7	17.1
2004 07 14	12 07.55	-08 11.9	3.170	3.038	73.3	18.7	17.3
2004 07 24	12 18.21	-09 05.4	3.358	3.098	66.6	17.5	17.5
2004 08 03	12 29.29	-10 03.0	3.541	3.158	60.0	16.2	17.7
2004 08 13	12 40.70	-11 03.9	3.716	3.216	53.4	14.7	17.9
2004 08 23	12 52.39	-12 07.1	3.881	3.274	46.9	13.0	18.1
2004 09 02	13 04.29	-13 11.9	4.035	3.331	40.4	11.3	18.3
2004 09 12	13 16.35	-14 17.4	4.176	3.387	33.9	9.5	18.4

C/2002 J5 (LINEAR)Elements *MPC* 46100

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 07		16 37.72	+32 10.2	6.247	5.737	55.1	8.1		19.3
2003 11 17		16 40.78	+32 01.3	6.271	5.742	53.8	8.0		19.3
2003 11 27		16 44.21	+32 04.5	6.276	5.748	53.7	8.0		19.3
2003 12 07		16 47.83	+32 20.5	6.265	5.755	54.9	8.1		19.4
2003 12 17		16 51.49	+32 49.8	6.236	5.762	57.2	8.3		19.4
2003 12 27		16 55.01	+33 32.9	6.192	5.771	60.4	8.5		19.4
2004 01 06		16 58.18	+34 30.0	6.134	5.780	64.5	8.8		19.3
2004 01 16		17 00.83	+35 41.2	6.065	5.790	69.3	9.1		19.3
2004 01 26		17 02.72	+37 06.1	5.987	5.801	74.4	9.4		19.3
2004 02 05		17 03.62	+38 44.0	5.906	5.813	79.8	9.6		19.3
2004 02 15		17 03.27	+40 33.6	5.823	5.825	85.3	9.7		19.3
2004 02 25		17 01.37	+42 32.8	5.743	5.839	90.6	9.8		19.3
2004 03 06		16 57.63	+44 38.8	5.671	5.853	95.7	9.7		19.2
2004 03 16		16 51.73	+46 47.7	5.610	5.869	100.2	9.6		19.2
2004 03 26		16 43.42	+48 54.8	5.564	5.885	103.9	9.5		19.2
2004 04 05		16 32.50	+50 54.4	5.536	5.901	106.7	9.3		19.2
2004 04 15		16 18.97	+52 40.4	5.527	5.919	108.3	9.3		19.2
2004 04 25		16 03.08	+54 07.0	5.540	5.937	108.6	9.2		19.2
2004 05 05		15 45.40	+55 09.2	5.574	5.957	107.6	9.3		19.2
2004 05 15		15 26.80	+55 44.1	5.628	5.977	105.4	9.4		19.3
2004 05 25		15 08.31	+55 51.1	5.702	5.997	102.1	9.5		19.3
2004 06 04		14 50.92	+55 32.0	5.792	6.019	98.1	9.6		19.3
2004 06 14		14 35.39	+54 50.8	5.895	6.041	93.4	9.7		19.4
2004 06 24		14 22.21	+53 52.3	6.009	6.064	88.3	9.6		19.4
2004 07 04		14 11.52	+52 41.5	6.128	6.088	83.0	9.5		19.5
2004 07 14		14 03.27	+51 23.1	6.250	6.112	77.6	9.3		19.5
2004 07 24		13 57.24	+50 01.2	6.371	6.137	72.2	9.1		19.6
2004 08 03		13 53.19	+48 39.0	6.487	6.163	67.1	8.7		19.6
2004 08 13		13 50.83	+47 19.0	6.595	6.189	62.3	8.3		19.6
2004 08 23		13 49.89	+46 03.4	6.693	6.216	58.0	7.9		19.7
2004 09 02		13 50.12	+44 53.6	6.778	6.244	54.4	7.5		19.7
2004 09 12		13 51.29	+43 51.0	6.847	6.272	51.6	7.2		19.7

C/1999 U4 (Catalina-Skiff)Elements *MPC* 45961

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 07		13 31.02	+14 19.5	8.170	7.388	35.7	4.5		17.7
2003 11 17		13 35.83	+13 41.9	8.139	7.440	42.5	5.2		17.8
2003 11 27		13 40.28	+13 10.1	8.088	7.492	50.0	5.8		17.8
2003 12 07		13 44.27	+12 44.3	8.020	7.545	58.0	6.4		17.8
2003 12 17		13 47.72	+12 24.5	7.939	7.597	66.3	6.8		17.8

M.P.C. 49776

2003 OCT. 10

2003 12 27	13 50.54	+12 10.8	7.846	7.650	75.0	7.1	17.8
2004 01 06	13 52.65	+12 02.8	7.745	7.703	83.9	7.3	17.8
2004 01 16	13 53.97	+12 00.3	7.642	7.756	93.0	7.3	17.8
2004 01 26	13 54.44	+12 02.7	7.539	7.809	102.3	7.1	17.8
2004 02 05	13 54.02	+12 09.1	7.443	7.862	111.8	6.7	17.8
2004 02 15	13 52.73	+12 18.6	7.358	7.915	121.3	6.1	17.8
2004 02 25	13 50.58	+12 30.0	7.288	7.969	130.7	5.4	17.8
2004 03 06	13 47.65	+12 41.7	7.238	8.022	139.9	4.6	17.8
2004 03 16	13 44.07	+12 52.4	7.213	8.076	148.3	3.7	17.9
2004 03 26	13 39.97	+13 00.7	7.214	8.130	155.1	3.0	17.9
2004 04 05	13 35.57	+13 05.1	7.244	8.184	158.6	2.6	17.9
2004 04 15	13 31.07	+13 04.6	7.304	8.238	157.1	2.7	18.0
2004 04 25	13 26.66	+12 58.7	7.393	8.292	151.6	3.3	18.0
2004 05 05	13 22.56	+12 46.7	7.510	8.346	143.9	4.1	18.1
2004 05 15	13 18.91	+12 28.9	7.652	8.400	135.3	4.9	18.2
2004 05 25	13 15.86	+12 05.4	7.816	8.454	126.3	5.5	18.2
2004 06 04	13 13.48	+11 36.8	7.998	8.509	117.2	6.1	18.3
2004 06 14	13 11.83	+11 03.6	8.194	8.563	108.1	6.5	18.4
2004 06 24	13 10.93	+10 26.5	8.399	8.618	99.0	6.7	18.5
2004 07 04	13 10.75	+09 46.3	8.610	8.672	90.1	6.7	18.6
2004 07 14	13 11.28	+09 03.7	8.822	8.727	81.3	6.6	18.6
2004 07 24	13 12.45	+08 19.2	9.030	8.781	72.7	6.3	18.7
2004 08 03	13 14.22	+07 33.5	9.232	8.836	64.1	5.9	18.8
2004 08 13	13 16.51	+06 47.1	9.423	8.891	55.6	5.4	18.9
2004 08 23	13 19.26	+06 00.5	9.600	8.946	47.3	4.8	18.9
2004 09 02	13 22.40	+05 14.2	9.761	9.000	39.1	4.1	19.0
2004 09 12	13 25.86	+04 28.5	9.903	9.055	31.0	3.3	19.0

C/2000 SV ₇₄ (LINEAR)					Elements MPC 45961				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 07		13 50.52	+10 50.9	6.801	5.966	30.3	4.8	17.4	
2003 11 17		13 55.31	+09 59.3	6.794	6.030	36.6	5.6	17.5	
2003 11 27		13 59.72	+09 14.3	6.767	6.094	43.9	6.4	17.5	
2003 12 07		14 03.64	+08 36.1	6.720	6.158	51.7	7.2	17.5	
2003 12 17		14 06.96	+08 04.6	6.655	6.222	60.0	7.9	17.6	
2003 12 27		14 09.58	+07 39.8	6.576	6.286	68.7	8.4	17.6	
2004 01 06		14 11.36	+07 21.6	6.487	6.350	77.7	8.7	17.6	
2004 01 16		14 12.23	+07 09.5	6.390	6.415	87.0	8.8	17.6	
2004 01 26		14 12.09	+07 03.3	6.291	6.479	96.7	8.7	17.6	
2004 02 05		14 10.88	+07 02.1	6.195	6.544	106.5	8.3	17.6	
2004 02 15		14 08.57	+07 05.1	6.108	6.609	116.6	7.7	17.6	
2004 02 25		14 05.18	+07 11.0	6.034	6.673	126.7	6.8	17.6	
2004 03 06		14 00.80	+07 18.4	5.979	6.738	136.9	5.8	17.7	
2004 03 16		13 55.55	+07 25.9	5.949	6.803	146.8	4.6	17.7	
2004 03 26		13 49.65	+07 31.8	5.946	6.867	155.7	3.4	17.7	
2004 04 05		13 43.34	+07 34.6	5.973	6.932	162.1	2.5	17.8	
2004 04 15		13 36.89	+07 33.2	6.033	6.997	162.6	2.5	17.9	
2004 04 25		13 30.59	+07 26.5	6.125	7.062	157.0	3.2	17.9	
2004 05 05		13 24.69	+07 14.1	6.247	7.127	148.5	4.2	18.0	
2004 05 15		13 19.41	+06 56.0	6.397	7.191	139.1	5.3	18.1	
2004 05 25		13 14.91	+06 32.3	6.572	7.256	129.3	6.2	18.2	
2004 06 04		13 11.29	+06 03.4	6.766	7.321	119.6	6.9	18.3	
2004 06 14		13 08.60	+05 30.0	6.977	7.386	110.0	7.4	18.4	

2004 06 24	13 06.83	+04 52.7	7.197	7.450	100.5	7.7	18.5
2004 07 04	13 05.97	+04 12.1	7.424	7.515	91.2	7.8	18.6
2004 07 14	13 05.94	+03 29.0	7.652	7.580	82.1	7.6	18.7
2004 07 24	13 06.68	+02 43.8	7.877	7.644	73.1	7.3	18.8
2004 08 03	13 08.10	+01 57.2	8.095	7.709	64.3	6.8	18.9
2004 08 13	13 10.13	+01 09.6	8.301	7.774	55.6	6.2	19.0
2004 08 23	13 12.67	+00 21.3	8.494	7.838	46.9	5.4	19.1
2004 09 02	13 15.64	-00 27.1	8.669	7.902	38.4	4.5	19.2

P/2001 YX ₁₂₇ (LINEAR)				Elements MPC 47292					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 17		13 11.66	−04 56.3	4.319	3.565	35.8	9.3		21.1
2003 11 27		13 22.77	−06 10.7	4.235	3.575	42.9	10.8		21.1
2003 12 07		13 33.39	−07 20.7	4.137	3.586	50.1	12.2		21.1
2003 12 17		13 43.40	−08 25.6	4.028	3.597	57.6	13.4		21.1
2003 12 27		13 52.67	−09 25.0	3.908	3.608	65.2	14.3		21.1
2004 01 06		14 01.04	−10 18.4	3.780	3.620	73.2	15.1		21.0
2004 01 16		14 08.35	−11 05.4	3.646	3.632	81.4	15.5		21.0
2004 01 26		14 14.41	−11 45.5	3.509	3.644	90.0	15.7		20.9
2004 02 05		14 19.02	−12 18.4	3.372	3.656	98.9	15.5		20.8
2004 02 15		14 22.02	−12 43.7	3.239	3.668	108.2	14.8		20.7
2004 02 25		14 23.26	−13 01.2	3.113	3.681	117.9	13.7		20.6
2004 03 06		14 22.65	−13 10.7	3.000	3.694	128.0	12.2		20.5
2004 03 16		14 20.22	−13 12.3	2.903	3.707	138.5	10.2		20.3
2004 03 26		14 16.10	−13 06.5	2.827	3.720	149.4	7.8		20.2
2004 04 05		14 10.60	−12 54.3	2.775	3.734	160.6	5.1		20.0
2004 04 15		14 04.20	−12 37.4	2.751	3.748	172.0	2.1		19.8
2004 04 25		13 57.44	−12 18.0	2.757	3.761	176.5	0.9		19.7
2004 05 05		13 50.94	−11 58.9	2.791	3.775	165.2	3.9		20.0
2004 05 15		13 45.24	−11 42.8	2.854	3.789	154.2	6.7		20.2
2004 05 25		13 40.76	−11 31.9	2.942	3.804	143.4	9.1		20.4
2004 06 04		13 37.79	−11 27.9	3.052	3.818	133.2	11.2		20.5
2004 06 14		13 36.46	−11 31.8	3.180	3.833	123.3	12.8		20.7
2004 06 24		13 36.79	−11 43.8	3.321	3.847	113.9	14.0		20.8
2004 07 04		13 38.71	−12 03.8	3.473	3.862	104.9	14.7		21.0
2004 07 14		13 42.11	−12 30.9	3.630	3.877	96.4	15.1		21.1
2004 07 24		13 46.85	−13 04.6	3.790	3.891	88.1	15.1		21.2
2004 08 03		13 52.80	−13 43.9	3.950	3.906	80.1	14.8		21.3
2004 08 13		13 59.82	−14 27.8	4.107	3.921	72.4	14.3		21.3
2004 08 23		14 07.79	−15 15.5	4.258	3.936	64.9	13.4		21.4
2004 09 02		14 16.58	−16 05.9	4.401	3.951	57.5	12.4		21.4
2004 09 12		14 26.09	−16 58.3	4.534	3.966	50.2	11.2		21.5
2004 09 22		14 36.25	−17 51.8	4.655	3.982	43.1	9.9		21.5
2004 10 02		14 46.94	−18 45.7	4.763	3.997	36.0	8.5		21.5

C/2002 J4 (NEAT)					Elements MPC 48380				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 27		19 52.42	−55 52.5	4.163	3.667	53.8	12.5	14.2	
2003 12 07		20 14.67	−55 09.8	4.243	3.681	49.5	11.7	14.3	
2003 12 17		20 37.25	−54 19.6	4.316	3.696	45.7	11.0	14.4	
2003 12 27		20 59.92	−53 22.2	4.380	3.713	42.4	10.3	14.4	
2004 01 06		21 22.43	−52 18.3	4.437	3.733	39.7	9.7	14.5	
2004 01 16		21 44.61	−51 08.7	4.485	3.754	37.6	9.2	14.5	
2004 01 26		22 06.33	−49 54.5	4.525	3.778	36.4	8.9	14.6	

2003 OCT. 10

M.P.C. 49777

2004 02 05	22 27.49	−48 37.0	4.557	3.803	35.9	8.7	14.6
2004 02 15	22 48.02	−47 17.6	4.582	3.830	36.3	8.8	14.6
2004 02 25	23 07.88	−45 57.7	4.598	3.860	37.4	9.0	14.7
2004 03 06	23 27.03	−44 38.8	4.608	3.890	39.2	9.3	14.7
2004 03 16	23 45.48	−43 22.3	4.610	3.923	41.7	9.7	14.8
2004 03 26	00 03.20	−42 09.7	4.605	3.957	44.6	10.2	14.8
2004 04 05	00 20.19	−41 02.3	4.594	3.993	47.9	10.7	14.8
2004 04 15	00 36.44	−40 01.2	4.576	4.030	51.6	11.2	14.9
2004 04 25	00 51.93	−39 07.7	4.553	4.069	55.5	11.8	14.9
2004 05 05	01 06.61	−38 22.8	4.524	4.109	59.7	12.2	14.9
2004 05 15	01 20.46	−37 47.2	4.490	4.150	64.1	12.7	14.9
2004 05 25	01 33.41	−37 21.8	4.452	4.193	68.8	13.0	15.0
2004 06 04	01 45.40	−37 07.1	4.410	4.237	73.6	13.3	15.0
2004 06 14	01 56.34	−37 03.2	4.366	4.282	78.6	13.4	15.0
2004 06 24	02 06.13	−37 10.4	4.320	4.329	83.7	13.5	15.0
2004 07 04	02 14.64	−37 28.2	4.274	4.376	89.0	13.4	15.1
2004 07 14	02 21.76	−37 55.9	4.229	4.424	94.4	13.2	15.1
2004 07 24	02 27.32	−38 32.4	4.187	4.474	99.8	12.9	15.1
2004 08 03	02 31.21	−39 15.8	4.151	4.524	105.2	12.5	15.1
2004 08 13	02 33.29	−40 03.7	4.122	4.575	110.5	12.0	15.2
2004 08 23	02 33.47	−40 53.0	4.102	4.627	115.4	11.4	15.2
2004 09 02	02 31.74	−41 39.9	4.094	4.680	119.9	10.8	15.3
2004 09 12	02 28.18	−42 20.3	4.101	4.734	123.7	10.2	15.3
2004 09 22	02 22.98	−42 50.0	4.123	4.788	126.4	9.7	15.4
2004 10 02	02 16.51	−43 05.0	4.164	4.843	127.8	9.4	15.4
2004 10 12	02 09.23	−43 02.5	4.223	4.898	127.8	9.3	15.5
2004 10 22	02 01.68	−42 40.7	4.302	4.954	126.1	9.3	15.6
2004 11 01	01 54.43	−41 59.4	4.400	5.011	123.1	9.5	15.7
2004 11 11	01 47.97	−40 59.9	4.516	5.068	118.8	9.9	15.8
2004 11 21	01 42.67	−39 44.4	4.649	5.126	113.7	10.2	15.9
2004 12 01	01 38.76	−38 16.0	4.797	5.184	107.8	10.4	16.1
2004 12 11	01 36.34	−36 37.8	4.957	5.243	101.5	10.6	16.2
2004 12 21	01 35.40	−34 52.9	5.127	5.302	94.9	10.7	16.3
2004 12 31	01 35.87	−33 04.2	5.304	5.361	88.1	10.6	16.4
2005 01 10	01 37.61	−31 14.1	5.484	5.421	81.2	10.3	16.5
2005 01 20	01 40.49	−29 24.3	5.664	5.481	74.4	10.0	16.7
2005 01 30	01 44.34	−27 36.7	5.841	5.542	67.6	9.5	16.8
2005 02 09	01 49.02	−25 52.4	6.014	5.603	61.0	8.9	16.9
2005 02 19	01 54.40	−24 12.3	6.178	5.664	54.6	8.2	17.0

P/2000 Y3 (Scotti)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 27		13 45.12	−11 50.4	6.115	5.344	35.6	6.2	20.2	
2003 12 07		13 52.34	−12 33.0	6.024	5.358	43.9	7.3	20.2	
2003 12 17		13 59.06	−13 12.3	5.916	5.371	52.3	8.3	20.2	
2003 12 27		14 05.17	−13 47.8	5.794	5.384	60.9	9.2	20.1	
2004 01 06		14 10.53	−14 19.0	5.659	5.397	69.6	9.8	20.1	
2004 01 16		14 15.04	−14 45.7	5.516	5.409	78.7	10.3	20.0	
2004 01 26		14 18.56	−15 07.3	5.368	5.422	87.9	10.5	20.0	
2004 02 05		14 21.00	−15 23.4	5.219	5.434	97.4	10.4	19.9	
2004 02 15		14 22.26	−15 33.8	5.073	5.447	107.2	10.0	19.9	
2004 02 25		14 22.28	−15 38.1	4.935	5.459	117.2	9.3	19.8	
2004 03 06		14 21.06	−15 36.3	4.810	5.471	127.6	8.3	19.8	

Elements MPC 44030

2004 03 16	14 18.66	−15 28.4	4.702	5.483	138.1	7.0	19.8
2004 03 26	14 15.21	−15 14.8	4.617	5.495	148.9	5.4	19.7
2004 04 05	14 10.93	−14 56.2	4.557	5.507	159.8	3.6	19.7
2004 04 15	14 06.09	−14 33.7	4.526	5.519	170.8	1.7	19.7
2004 04 25	14 01.03	−14 08.9	4.525	5.531	177.4	0.5	19.7
2004 05 05	13 56.08	−13 43.6	4.555	5.542	166.9	2.4	19.7
2004 05 15	13 51.56	−13 19.4	4.614	5.553	156.1	4.2	19.8
2004 05 25	13 47.75	−12 58.2	4.700	5.565	145.5	5.9	19.8
2004 06 04	13 44.87	−12 41.3	4.810	5.576	135.2	7.4	19.9
2004 06 14	13 43.02	−12 29.8	4.940	5.587	125.2	8.5	19.9
2004 06 24	13 42.29	−12 24.1	5.086	5.597	115.4	9.4	20.0
2004 07 04	13 42.68	−12 24.7	5.243	5.608	106.0	10.0	20.1
2004 07 14	13 44.16	−12 31.2	5.407	5.619	96.8	10.3	20.2
2004 07 24	13 46.66	−12 43.5	5.574	5.629	87.9	10.4	20.2
2004 08 03	13 50.11	−13 01.0	5.740	5.639	79.3	10.2	20.3
2004 08 13	13 54.42	−13 23.1	5.901	5.650	70.8	9.7	20.4
2004 08 23	13 59.50	−13 49.3	6.055	5.660	62.5	9.1	20.4
2004 09 02	14 05.27	−14 18.9	6.199	5.670	54.3	8.3	20.5
2004 09 12	14 11.63	−14 51.1	6.329	5.679	46.2	7.4	20.5
2004 09 22	14 18.50	−15 25.4	6.443	5.689	38.2	6.3	20.6
2004 10 02	14 25.80	−16 01.2	6.540	5.698	30.3	5.1	20.6

C/2003 E1 (NEAT)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 11 27		15 32.33	+08 00.1	4.124	3.310	30.4	8.7	18.8	
2003 12 07		15 48.46	+07 15.1	4.070	3.295	33.6	9.5	18.8	
2003 12 17		16 04.57	+06 39.0	4.008	3.282	37.4	10.5	18.8	
2003 12 27		16 20.57	+06 12.5	3.939	3.270	41.6	11.5	18.8	
2004 01 06		16 36.32	+05 55.9	3.864	3.261	46.2	12.6	18.7	
2004 01 16		16 51.70	+05 49.2	3.782	3.254	51.0	13.6	18.7	
2004 01 26		17 06.59	+05 52.5	3.695	3.249	56.0	14.6	18.7	
2004 02 05		17 20.83	+06 05.3	3.602	3.246	61.3	15.4	18.7	
2004 02 15		17 34.28	+06 27.1	3.506	3.245	66.7	16.2	18.7	
2004 02 25		17 46.77	+06 56.9	3.406	3.246	72.4	16.9	18.6	
2004 03 06		17 58.15	+07 33.5	3.304	3.250	78.2	17.4	18.6	
2004 03 16		18 08.25	+08 15.4	3.200	3.256	84.3	17.7	18.5	
2004 03 26		18 16.91	+09 00.7	3.097	3.263	90.6	17.8	18.5	
2004 04 05		18 23.95	+09 47.0	2.996	3.273	97.1	17.7	18.4	
2004 04 15		18 29.25	+10 31.7	2.898	3.285	103.8	17.3	18.3	
2004 04 25		18 32.69	+11 11.6	2.806	3.299	110.7	16.6	18.2	
2004 05 05		18 34.20	+11 43.1	2.723	3.315	117.7	15.6	18.1	
2004 05 15		18 33.83	+12 02.5	2.651	3.333	124.8	14.4	18.0	
2004 05 25		18 31.69	+12 06.0	2.592	3.353	131.7	13.0	18.0	
2004 06 04		18 28.07	+11 50.3	2.551	3.374	138.0	11.6	17.9	
2004 06 14		18 23.37	+11 13.4	2.530	3.398	143.2	10.3	17.8	
2004 06 24		18 18.11	+10 14.5	2.530	3.423	146.3	9.5	17.8	
2004 07 04		18 12.89	+08 55.1	2.555	3.450	146.7	9.3	17.8	
2004 07 14		18 08.26	+07 18.5	2.603	3.478	144.1	9.9	17.9	
2004 07 24		18 04.68	+05 29.0	2.676	3.509	139.3	10.9	18.0	
2004 08 03		18 02.51	+03 31.8	2.771	3.540	132.9	12.1	18.2	
2004 08 13		18 01.94	+01 31.7	2.887	3.573	125.7	13.3	18.3	
2004 08 23		18 03.06	−00 27.1	3.021	3.608	118.0	14.3	18.5	
2004 09 02		18 05.85	−02 21.2	3.170	3.644	110.2	15.1	18.7	

Elements MPC 49276

M.P.C. 49778

2003 OCT. 10

2004 09 12	18 10.19	−04 08.3	3.331	3.681	102.4	15.5	18.8
2004 09 22	18 15.98	−05 46.8	3.500	3.719	94.7	15.6	18.9
2004 10 02	18 23.06	−07 15.6	3.676	3.759	87.0	15.4	19.0
2004 10 12	18 31.25	−08 34.3	3.854	3.799	79.4	15.0	19.2
2004 10 22	18 40.42	−09 42.9	4.032	3.841	71.9	14.3	19.3
2004 11 01	18 50.39	−10 41.3	4.207	3.883	64.5	13.3	19.3
2004 11 11	19 01.03	−11 30.0	4.376	3.927	57.1	12.2	19.4
2004 11 21	19 12.20	−12 09.2	4.537	3.971	49.7	10.9	19.5
2004 12 01	19 23.76	−12 39.6	4.688	4.017	42.5	9.5	19.5
2004 12 11	19 35.60	−13 01.7	4.827	4.063	35.2	8.0	19.5

58P/Jackson-Neujmin

Elements MPC 42666

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 12 07		20 24.98	−18 18.2	1.871	1.445	49.8	31.4	19.3	22.5
2003 12 17		20 57.91	−17 33.9	1.885	1.417	47.4	30.7	19.1	22.5
2003 12 27		21 31.76	−16 22.2	1.904	1.399	45.3	30.0	19.1	22.4
2004 01 06		22 06.07	−14 44.3	1.927	1.389	43.5	29.1	19.1	22.4
2004 01 16		22 40.44	−12 43.4	1.958	1.390	41.9	28.2	19.1	22.4
2004 01 26		23 14.53	−10 23.7	1.997	1.402	40.4	27.1	19.2	22.5
2004 02 05		23 48.07	−07 50.5	2.045	1.422	39.1	25.9	19.3	22.5

C/2003 H1 (LINEAR)

Elements MPC 49277

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 12 07		14 49.74	−08 44.0	3.181	2.409	32.5	12.7	12.8	
2003 12 17		14 50.24	−10 25.8	3.014	2.369	41.6	16.0	12.6	
2003 12 27		14 49.39	−12 11.4	2.821	2.335	51.2	19.2	12.4	
2004 01 06		14 46.51	−14 03.4	2.607	2.305	61.5	22.0	12.2	
2004 01 16		14 40.69	−16 04.7	2.377	2.281	72.4	24.3	12.0	
2004 01 26		14 30.56	−18 18.3	2.139	2.262	84.2	25.7	11.7	
2004 02 05		14 14.13	−20 45.8	1.902	2.249	97.1	25.8	11.4	
2004 02 15		13 48.66	−23 23.2	1.682	2.241	111.5	24.2	11.1	
2004 02 25		13 10.97	−25 50.8	1.497	2.240	127.3	20.6	10.9	
2004 03 06		12 19.76	−27 23.0	1.373	2.244	142.6	15.6	10.7	
2004 03 16		11 19.86	−27 02.1	1.334	2.254	150.7	12.5	10.7	
2004 03 26		10 22.52	−24 38.1	1.388	2.270	143.8	15.1	10.8	
2004 04 05		09 36.92	−21 10.7	1.523	2.292	129.3	19.7	11.0	
2004 04 15		09 04.72	−17 46.2	1.716	2.319	114.5	23.2	11.3	
2004 04 25		08 43.38	−14 55.9	1.941	2.351	101.0	24.8	11.7	
2004 05 05		08 29.81	−12 45.6	2.182	2.388	89.0	25.0	12.0	
2004 05 15		08 21.58	−11 10.7	2.424	2.429	78.2	24.0	12.3	
2004 05 25		08 17.02	−10 05.2	2.659	2.475	68.5	22.4	12.6	
2004 06 04		08 14.99	−09 23.8	2.881	2.524	59.6	20.3	12.8	
2004 06 14		08 14.70	−09 02.0	3.083	2.577	51.5	18.0	13.1	
2004 06 24		08 15.60	−08 57.0	3.264	2.634	44.3	15.6	13.3	
2004 07 04		08 17.27	−09 06.3	3.421	2.693	38.0	13.4	13.5	
2004 07 14		08 19.39	−09 28.5	3.551	2.755	33.0	11.6	13.7	

155P/Shoemaker

Elements MPC 47729

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 12 07		14 53.16	−11 46.6	4.652	3.834	30.3	7.5	20.3	
2003 12 17		15 03.49	−12 28.6	4.633	3.902	37.8	8.9	20.4	
2003 12 27		15 13.14	−13 04.7	4.597	3.970	45.5	10.2	20.5	
2004 01 06		15 21.96	−13 34.6	4.545	4.037	53.4	11.3	20.6	
2004 01 16		15 29.85	−13 58.4	4.479	4.104	61.6	12.2	20.6	

2004 01 26	15 36.65	−14 16.3	4.402	4.171	70.1	12.8	20.7
2004 02 05	15 42.22	−14 28.2	4.316	4.237	78.9	13.2	20.7
2004 02 15	15 46.45	−14 34.4	4.224	4.303	87.9	13.3	20.7
2004 02 25	15 49.19	−14 35.2	4.130	4.368	97.3	13.0	20.8
2004 03 06	15 50.36	−14 30.8	4.039	4.433	107.0	12.4	20.8
2004 03 16	15 49.92	−14 21.6	3.956	4.497	117.1	11.4	20.8
2004 03 26	15 47.89	−14 08.1	3.885	4.561	127.5	10.0	20.9
2004 04 05	15 44.37	−13 51.1	3.831	4.625	138.1	8.3	20.9
2004 04 15	15 39.58	−13 31.6	3.799	4.688	149.0	6.3	21.0
2004 04 25	15 33.83	−13 10.5	3.793	4.750	159.9	4.2	21.0
2004 05 05	15 27.51	−12 49.4	3.816	4.812	170.1	2.1	21.1
2004 05 15	15 21.05	−12 29.8	3.868	4.874	173.4	1.4	21.2
2004 05 25	15 14.88	−12 13.0	3.952	4.935	164.5	3.1	21.3
2004 06 04	15 09.37	−12 00.4	4.064	4.996	154.1	5.1	21.4
2004 06 14	15 04.82	−11 52.9	4.203	5.056	143.6	6.8	21.6
2004 06 24	15 01.41	−11 50.9	4.365	5.116	133.3	8.3	21.7
2004 07 04	14 59.25	−11 54.6	4.546	5.176	123.4	9.4	21.9
2004 07 14	14 58.36	−12 03.7	4.742	5.235	113.8	10.2	22.0
2004 07 24	14 58.71	−12 17.8	4.949	5.293	104.4	10.7	22.2
2004 08 03	15 00.23	−12 36.4	5.161	5.351	95.3	10.9	22.3
2004 08 13	15 02.81	−12 58.6	5.376	5.409	86.5	10.8	22.4
2004 08 23	15 06.36	−13 23.8	5.590	5.467	77.8	10.4	22.6
2004 09 02	15 10.77	−13 51.2	5.798	5.523	69.3	9.8	22.7
2004 09 12	15 15.92	−14 20.2	5.998	5.580	61.0	9.1	22.8
2004 09 22	15 21.72	−14 50.1	6.187	5.636	52.7	8.1	23.0
2004 10 02	15 28.06	−15 20.4	6.361	5.691	44.5	7.1	23.1
2004 10 12	15 34.85	−15 50.4	6.519	5.747	36.4	5.9	23.2

C/2001 G1 (LONEOS)

Elements MPC 45334

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2003 12 07		15 11.09	−00 43.3	10.283	9.471	32.9	3.2	18.3	
2003 12 17		15 15.83	−00 36.9	10.221	9.499	40.9	3.9	18.3	
2003 12 27		15 20.28	−00 26.3	10.139	9.528	49.4	4.5	18.3	
2004 01 06		15 24.36	−00 11.4	10.041	9.557	58.1	5.0	18.3	
2004 01 16		15 27.99	+00 07.9	9.930	9.587	66.9	5.4	18.3	
2004 01 26		15 31.10	+00 31.4	9.809	9.617	75.9	5.7	18.3	
2004 02 05		15 33.64	+00 59.1	9.682	9.646	85.0	5.8	18.3	
2004 02 15		15 35.55	+01 30.6	9.554	9.677	94.2	5.8	18.3	
2004 02 25		15 36.79	+02 05.3	9.429	9.707	103.4	5.7	18.2	
2004 03 06		15 37.36	+02 42.7	9.312	9.737	112.6	5.4	18.2	
2004 03 16		15 37.26	+03 21.9	9.208	9.768	121.8	5.0	18.2	
2004 03 26		15 36.51	+04 01.9	9.120	9.799	130.7	4.4	18.2	
2004 04 05		15 35.18	+04 41.7	9.053	9.830	139.1	3.8	18.2	
2004 04 15		15 33.36	+05 20.0	9.009	9.862	146.6	3.2	18.2	
2004 04 25		15 31.15	+05 55.8	8.991	9.893	152.4	2.7	18.2	
2004 05 05		15 28.69	+06 27.9	9.000	9.925	155.3	2.4	18.2	
2004 05 15		15 26.11	+06 55.7	9.037	9.957	154.2	2.5	18.3	
2004 05 25		15 23.57	+07 18.3	9.102	9.989	149.7	2.9	18.3	
2004 06 04		15 21.19	+07 35.4	9.193	10.022	143.1	3.5	18.3	
2004 06 14		15 19.11	+07 46.9	9.307	10.054	135.3	4.1	18.4	
2004 06 24		15 17.44	+07 52.9	9.442	10.087	127.1	4.6	18.4	
2004 07 04		15 16.25	+07 53.8	9.594	10.120	118.6	5.1	18.5	
2004 07 14		15 15.60	+07 50.0	9.759	10.153	110.1	5.4	18.5	

2004 07 24	15 15.53	+07 42.1	9.935	10.187	101.5	5.6	18.6
2004 08 03	15 16.06	+07 31.0	10.116	10.220	93.1	5.7	18.6
2004 08 13	15 17.18	+07 17.3	10.298	10.254	84.7	5.6	18.7
2004 08 23	15 18.88	+07 01.7	10.478	10.288	76.4	5.5	18.7
2004 09 02	15 21.11	+06 45.1	10.652	10.322	68.3	5.2	18.8
2004 09 12	15 23.84	+06 28.1	10.817	10.356	60.4	4.8	18.8
2004 09 22	15 27.02	+06 11.3	10.968	10.390	52.6	4.4	18.9
2004 10 02	15 30.60	+05 55.4	11.105	10.425	45.3	3.9	18.9
2004 10 12	15 34.51	+05 41.1	11.223	10.459	38.4	3.4	18.9
2004 10 22	15 38.70	+05 28.7	11.322	10.494	32.3	2.9	19.0

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2001 BK ₃₆	2003 09 26.0	00 09.03	+09 28.1	19.4	-0.92	- 3.0	2.6/28.6	13806
2000 YY ₇₈	2003 09 26.0	00 09.06	-12 58.0	18.8	-0.96	- 6.1	5.2/21.4	11017
2001 AW ₂₀	2003 09 26.0	00 09.07	+04 58.8	19.7	-0.91	- 8.8	1.5/27.4	19917
2002 EZ ₆₂	2003 09 26.0	00 09.07	+00 19.8	19.9	-0.87	- 7.2	0.2/25.8	30003
1997 EN ₅	2003 09 26.0	00 09.12	+00 40.0	18.4	-0.87	- 4.6	0.1/25.9	50377
2000 AY ₈₉	2003 09 26.0	00 09.13	+03 41.7	18.5	-0.76	- 6.5	0.9/27.0	50452
2002 CU ₉	2003 09 26.0	00 09.13	+10 38.7	17.1	-1.78	+10.4	5.5/27.2	50589
1978 VO ₂	2003 09 26.0	00 09.14	+11 36.8	17.8	-0.83	- 6.5	3.7/29.7	50365
1999 YF ₅	2003 09 26.0	00 09.14	-24 46.3	18.4	-0.76	- 3.7	6.9/16.8	50449
2001 DP ₂₁	2003 09 26.0	00 09.15	-14 07.3	18.4	-0.74	- 5.6	4.4/20.7	50523
2002 EC ₆₃	2003 09 26.0	00 09.21	+03 50.8	20.0	-1.09	- 3.3	1.2/26.9	30712
1998 DT ₈	2003 09 26.0	00 09.21	-04 55.2	22.0	-0.88	- 7.0	1.9/24.1	31223
1998 WV ₂₇	2003 09 26.0	00 09.25	+16 15.3	19.4	-0.72	- 8.7	4.8/02.0	47758
2000 AZ ₉₆	2003 09 26.0	00 09.30	+13 32.5	18.5	-0.89	- 1.6	3.7/29.8	50452
1999 KF ₉	2003 09 26.0	00 09.33	-09 29.1	18.7	-0.97	- 6.3	4.4/22.7	49665
2001 DX ₂₂	2003 09 26.0	00 09.35	-03 14.3	21.9	-0.73	- 4.7	1.0/24.6	48010
1999 TB ₁₆₈	2003 09 26.0	00 09.39	+07 08.1	19.0	-0.86	- 6.5	2.1/28.1	50427
2001 AN ₁₅	2003 09 26.0	00 09.40	-05 12.8	18.9	-0.90	- 7.8	2.3/23.9	50516
1999 TN ₁₃₈	2003 09 26.0	00 09.43	+03 39.4	17.9	-0.85	- 5.8	1.0/27.0	33830
2000 VL ₁₂	2003 09 26.1	00 09.42	-08 45.8	18.8	-1.00	- 5.1	3.6/23.1	50501
1999 AB	2003 09 26.1	00 09.43	+34 01.5	18.1	-0.89	- 1.7	9.4/08.0	50401
2001 CR ₃₂	2003 09 26.1	00 09.43	-13 51.1	19.5	-0.97	- 1.8	4.9/21.8	17547
2002 CH ₂₄₅	2003 09 26.1	00 09.46	+02 25.0	18.1	-0.87	- 9.9	0.5/26.6	50594
2001 DQ ₂₄	2003 09 26.1	00 09.54	-12 10.1	19.2	-0.74	- 6.4	3.9/21.5	50523
2001 CY ₃₅	2003 09 26.1	00 09.56	-07 51.1	19.6	-0.80	- 5.5	2.9/23.2	50522
2000 SF ₂₇₅	2003 09 26.1	00 09.57	-08 31.2	18.5	-1.03	- 4.5	3.6/23.3	50495
2002 JK ₁₀₅	2003 09 26.1	00 09.57	-03 33.1	18.4	-0.75	- 5.1	1.6/24.6	50610
1998 VG ₂₆	2003 09 26.1	00 09.59	-01 51.4	18.1	-0.80	- 3.7	1.0/25.2	232
1999 VM ₁₆₄	2003 09 26.1	00 09.60	+17 11.1	18.5	-0.80	- 7.7	6.2/02.0	2687
1999 JD ₂₁	2003 09 26.1	00 09.62	-01 34.5	19.0	-1.03	- 5.5	1.0/25.4	50408
2002 FV ₃₃	2003 09 26.1	00 09.66	-09 57.0	18.4	-0.96	- 3.3	4.6/22.9	31493
2000 EF ₁₇₀	2003 09 26.1	00 09.67	-04 56.6	18.0	-0.98	+ 0.4	1.9/24.6	50467
2000 CQ ₆	2003 09 26.1	00 09.76	+39 18.6	19.0	-0.91	- 2.2	9.7/11.3	33199
2000 US ₇₄	2003 09 26.1	00 09.79	-03 45.7	19.1	-1.02	- 4.5	1.8/24.8	50500
2000 DT ₆₈	2003 09 26.1	00 09.79	+07 27.0	19.1	-0.86	- 2.3	2.0/28.1	19524
1999 XH ₃₆	2003 09 26.1	00 09.80	-14 46.0	17.8	-0.83	- 3.3	5.1/21.0	50442
2003 OM ₃₁	2003 09 26.2	00 09.74	+10 01.5	17.8	-1.00	- 2.9	3.9/28.9	50274
2000 AP ₁₇₂	2003 09 26.2	00 09.92	-14 19.7	18.1	-0.78	- 7.8	5.6/20.5	50454

1999 JD ₅₇	2003 09 26.2	00 09.97	-10 05.1	18.5	-0.93	- 6.5	4.8/22.6	50409
1999 TX ₁₉₅	2003 09 26.2	00 10.02	+12 01.7	18.4	-0.86	- 3.6	4.9/29.8	49718
1998 BR ₃₅	2003 09 26.2	00 10.04	-08 27.0	19.3	-0.88	- 7.4	3.6/23.0	50381
2000 BD ₁₈	2003 09 26.2	00 10.09	-00 02.5	19.0	-0.77	- 3.6	0.3/25.9	33860
2002 GP ₉₅	2003 09 26.2	00 10.12	+06 06.1	18.7	-0.92	- 4.4	1.8/27.9	50604
2002 JM ₁₂	2003 09 26.2	00 10.16	+06 28.0	19.4	-0.92	- 6.9	1.9/28.1	33996
2000 WX ₄₁	2003 09 26.3	00 10.11	-03 00.5	18.7	-0.94	- 5.6	1.6/25.0	34973
2002 JK ₄₉	2003 09 26.3	00 10.12	+11 04.3	19.4	-0.96	- 6.0	3.6/29.6	32021
2000 YA ₁₁	2003 09 26.3	00 10.19	-18 43.5	19.1	-0.88	- 4.8	6.6/19.6	33888
1999 VA ₉₄	2003 09 26.3	00 10.21	-04 08.4	18.7	-0.91	- 3.7	2.2/24.7	50436
2000 WB ₁₇₈	2003 09 26.3	00 10.22	+11 16.0	18.4	-0.93	- 7.7	4.0/29.8	50509
1999 TN ₁₃₄	2003 09 26.3	00 10.24	+01 21.8	18.8	-0.93	- 4.2	0.1/26.4	31868
2002 JL ₁₃₂	2003 09 26.3	00 10.25	-10 55.0	20.8	-1.00	- 1.6	4.2/23.0	31748
1998 FV ₁₀₈	2003 09 26.3	00 10.27	+09 11.4	18.6	-0.97	- 5.5	3.1/28.9	31813
2000 XV ₆	2003 09 26.3	00 10.29	+11 07.7	18.4	-1.02	- 4.2	4.0/29.4	50509
2000 YL ₄₉	2003 09 26.3	00 10.29	+11 35.7	18.0	-0.95	- 5.2	4.1/29.7	50512
2001 CC ₁₀	2003 09 26.3	00 10.30	+11 35.8	20.0	-0.81	- 6.9	3.4/30.1	35007
2001 FC ₁₄	2003 09 26.3	00 10.39	-01 07.0	18.4	-0.77	- 3.5	0.6/25.6	50527
2001 BA ₁₇	2003 09 26.3	00 10.44	-17 30.8	19.2	-0.88	- 3.6	6.0/20.3	31390
2001 AT ₉	2003 09 26.3	00 10.52	-16 21.3	19.9	-0.80	- 7.4	5.3/20.1	33891
2000 CB ₄₁	2003 09 26.4	00 10.47	+11 02.1	20.2	-0.77	- 3.2	2.6/29.6	2736
2001 BW ₁₄	2003 09 26.4	00 10.49	+01 32.3	19.6	-0.87	- 5.6	0.1/26.5	50518
2002 JJ ₉₄	2003 09 26.4	00 10.50	-01 35.9	20.3	-0.89	- 4.7	0.9/25.5	48236
2000 VC ₄₂	2003 09 26.4	00 10.51	+00 23.1	18.5	-1.04	- 3.7	0.4/26.2	31921
1999 WV ₁₄	2003 09 26.4	00 10.52	+08 33.2	18.6	-0.80	- 6.5	2.5/29.0	1545
2002 BD ₂	2003 09 26.4	00 10.55	+24 07.1	19.2	-1.55	+ 2.4	10.7/01.8	30629
2002 GD ₁₀₂	2003 09 26.4	00 10.61	-03 27.2	18.0	-0.76	-11.1	1.6/24.7	31574
2001 EG ₁₂	2003 09 26.4	00 10.61	-06 47.7	19.9	-0.90	- 5.5	2.6/23.8	15095
1993 FU ₄₉	2003 09 26.4	00 10.62	+03 25.6	18.2	-0.85	- 6.0	0.8/27.2	50368
2001 BM ₇₇	2003 09 26.4	00 10.63	-12 46.9	18.5	-0.67	- 9.1	3.8/21.1	50520
2001 DD ₄₄	2003 09 26.4	00 10.73	+12 43.0	18.9	-1.01	- 1.9	4.0/29.8	12299
2001 FT ₁₅	2003 09 26.4	00 10.75	-01 26.7	20.1	-1.03	- 2.2	0.9/25.7	15096
2001 FD ₁₇₉	2003 09 26.4	00 10.75	-17 22.4	18.3	-0.77	- 4.7	5.5/20.0	13387
2000 VJ ₂₈	2003 09 26.4	00 10.76	-12 40.0	18.8	-0.96	- 5.3	4.7/22.0	33885
1999 BH ₂	2003 09 26.4	00 10.79	-18 23.6	17.5	-0.80	-24.8	8.4/17.5	50402
1999 RR ₈₉	2003 09 26.4	00 10.81	-02 27.3	18.0	-0.94	- 2.9	1.6/25.4	50416
2002 EL ₆₀	2003 09 26.4	00 10.81	+03 08.5	19.7	-0.91	- 8.3	0.8/27.2	50597
2000 AK ₁₃₄	2003 09 26.4	00 10.84	+07 33.4	19.9	-0.78	- 3.9	1.8/28.6	27658
1999 JR ₄	2003 09 26.4	00 10.87	-10 58.8	18.8	-1.09	- 2.7	5.0/23.1	29030
2000 XB ₂₁	2003 09 26.4	00 10.90	-01 47.3	18.1	-1.06	- 3.0	1.2/25.7	29611
2001 BG ₆₉	2003 09 26.5	00 10.83	-17 22.8	18.6	-0.77	- 8.8	6.3/19.4	50520
2002 CD ₁₅₂	2003 09 26.5	00 10.92	-00 51.3	18.4	-0.96	- 4.3	0.9/25.9	50593
2003 QB ₁₁	2003 09 26.5	00 10.96	-07 28.2	17.6	-0.71	-10.6	3.1/23.2	50293
1999 VG ₂₁₅	2003 09 26.5	00 10.97	+19 56.2	18.6	-1.03	- 0.5	8.1/02.1	50440
2002 FX ₃₈	2003 09 26.5	00 10.97	-10 45.7	19.5	-1.42	+ 3.4	4.9/24.2	31990
2001 BX ₇₄	2003 09 26.5	00 10.98	+00 58.4	18.7	-0.99	- 1.7	0.1/26.5	50520
2000 VR ₁₄	2003 09 26.5	00 11.01	-09 58.9	17.9	-0.96	- 4.7	5.3/23.1	50501
2001 DP	2003 09 26.5	00 11.05	+02 39.1	18.8	-0.76	- 5.0	0.5/27.0	50522
2001 HY ₃₂	2003 09 26.5	00 11.07	-03 08.0	19.4	-0.75	- 3.6	1.2/25.2	48029
2002 HH	2003 09 26.5	00 11.08	-03 47.4	19.1	-0.82	- 6.9	1.7/24.9	30157
2002 AB ₆₂	2003 09 26.5	00 11.16	+00 51.2	18.6	-0.96	- 7.0	0.1/26.5	50586

2000 VC ₃₈	2003 09 26.5	00 11.26 -16 37.2 18.4	-1.00 - 5.0	7.5/20.6	50502	1998 RF ₂₀	2003 09 26.9	00 12.50 -10 12.6 18.2	-0.66 -11.4	4.2/22.3	50390
2003 QK ₆₀	2003 09 26.6	00 11.20 -08 02.8 19.0	-0.74 - 9.2	3.6/23.2	50316	2001 AQ	2003 09 26.9	00 12.51 -08 57.5 20.0	-0.92 - 6.6	4.1/23.5	12267
2000 YU ₂₂	2003 09 26.6	00 11.22 -11 00.2 19.1	-0.88 - 7.4	5.1/22.3	50511	2002 JN ₁₁₅	2003 09 26.9	00 12.52 +06 28.0 19.4	-0.88 - 8.2	1.9/28.7	31740
2131 P-L	2003 09 26.6	00 11.24 +03 39.0 18.1	-0.91 - 4.7	1.1/27.4	33735	1999 XL ₁₉₀	2003 09 26.9	00 12.54 +11 39.4 18.4	-0.89 - 3.3	3.9/30.2	49768
1998 FH ₆₈	2003 09 26.6	00 11.37 +00 28.8 19.5	-0.95 - 5.1	0.3/26.4	9069	1998 JS ₂	2003 09 26.9	00 12.61 -11 32.7 18.9	-0.91 - 5.5	4.1/22.7	50386
2002 GV ₁₀₂	2003 09 26.6	00 11.38 -04 55.7 20.0	-0.78 - 9.9	2.1/24.4	50604	2001 CO	2003 09 26.9	00 12.64 +00 48.5 19.1	-0.88 - 8.3	0.2/26.8	50520
2002 CR ₁₆₈	2003 09 26.6	00 11.38 -11 01.8 20.3	-0.95 - 6.2	4.3/22.7	48208	2002 DK ₁₈	2003 09 26.9	00 12.66 -07 06.1 18.0	-1.60 + 4.7	4.0/25.5	31976
1999 TV ₁₄₁	2003 09 26.6	00 11.44 +03 30.3 19.1	-0.80 - 8.1	0.9/27.5	33104	2001 FV ₁₉₀	2003 09 26.9	00 12.67 -11 50.8 19.7	-0.81 - 6.1	4.4/22.4	48027
2000 AC ₁₄₈	2003 09 26.6	00 11.47 +12 58.3 18.9	-0.76 - 4.2	3.2/30.6	50454	2000 WZ ₇₄	2003 09 27.0	00 12.65 +01 02.6 18.1	-1.02 - 4.6	0.1/26.9	50506
2002 JY ₁₁₈	2003 09 26.6	00 11.52 -21 01.4 19.0	-0.96 - 3.1	7.9/19.7	50611	2001 FV ₅₁	2003 09 27.0	00 12.66 +01 09.2 19.5	-0.71 - 5.3	0.1/26.9	35546
2000 AF ₁₆	2003 09 26.6	00 11.53 +27 15.4 17.3	-0.83 - 2.4	11.6/05.9	49774	1999 XJ ₁₇	2003 09 27.0	00 12.78 +49 14.2 18.9	-1.20 + 3.3	19.0/12.8	38833
1998 BO ₄₁	2003 09 26.6	00 11.56 +13 43.1 20.2	-1.04 - 3.7	4.1/30.5	33764	1999 VN ₈₂	2003 09 27.0	00 12.81 +09 54.9 18.8	-0.78 - 9.9	2.9/30.2	11652
2001 HL ₁₅	2003 09 26.6	00 11.58 +18 06.3 18.3	-0.93 - 2.7	5.8/02.0	31947	1999 TP ₂₉	2003 09 27.0	00 12.86 +02 54.3 18.0	-0.83 - 6.3	0.6/27.6	50423
1998 CE ₅	2003 09 26.6	00 11.61 +02 19.8 19.1	-0.95 - 5.3	0.4/27.0	50381	1999 VR ₆₉	2003 09 27.0	00 12.88 -11 03.9 17.9	-0.96 - 1.3	5.3/23.4	50435
2001 CZ ₂₇	2003 09 26.6	00 11.62 +02 09.9 18.6	-0.86 - 2.1	0.3/27.0	49898	2002 JU ₄₈	2003 09 27.0	00 12.89 -02 04.9 20.1	-0.96 - 4.9	1.2/26.0	32021
2001 FZ ₂₉	2003 09 26.7	00 11.55 +18 08.4 18.8	-0.75 - 5.2	4.7/02.8	50528	1999 RA ₁₁₁	2003 09 27.0	00 12.90 +03 30.4 18.4	-1.25 + 2.2	0.7/27.5	50417
2002 GB ₁	2003 09 26.7	00 11.55 -10 29.1 19.5	-0.88 - 6.5	4.3/22.8	31990	1999 XE ₂₅	2003 09 27.0	00 12.95 -00 23.9 18.4	-0.80 - 6.1	0.6/26.5	50441
1993 TO ₂₉	2003 09 26.7	00 11.56 +01 22.4 18.5	-0.81 -10.5	0.1/26.7	50369	2001 DP ₄₈	2003 09 27.0	00 12.97 -12 53.7 19.2	-0.89 - 4.9	4.8/22.4	12299
2000 AQ ₂₄₃	2003 09 26.7	00 11.58 -20 38.2 20.0	-0.72 - 7.0	6.2/18.2	50456	1996 RM ₁₅	2003 09 27.0	00 12.98 +02 56.3 21.1	-0.97 - 5.9	0.5/27.6	6739
1999 VG ₁₈₈	2003 09 26.7	00 11.64 -03 26.3 18.7	-0.81 - 5.9	1.6/25.1	50439	1999 SO ₂	2003 09 27.0	00 12.99 +29 45.0 17.3	-1.61 +14.4	14.9/29.1	49695
1999 XN ₄₁	2003 09 26.7	00 11.68 -03 13.7 19.1	-0.80 - 6.1	1.6/25.2	50442	2002 CW ₁₀₂	2003 09 27.0	00 12.99 -00 01.9 19.8	-0.99 - 5.2	0.5/26.6	48203
2002 EN ₁₃₈	2003 09 26.7	00 11.80 -01 15.5 19.6	-0.91 - 6.6	1.0/25.9	48223	1998 XF ₂₆	2003 09 27.0	00 13.02 -00 24.5 19.5	-0.72 - 4.9	0.5/26.5	47760
2001 AT ₄₄	2003 09 26.7	00 11.81 -06 27.4 18.3	-0.90 - 7.2	3.4/24.1	49884	2000 WF ₁₆₇	2003 09 27.0	00 13.06 -11 17.3 18.3	-0.98 - 5.3	5.6/23.0	50508
1999 RY ₁₁₂	2003 09 26.7	00 11.81 +05 28.0 18.5	-0.88 - 4.3	1.9/28.1	49682	1999 TD ₁₉₇	2003 09 27.1	00 12.98 -13 07.2 18.1	-1.05 + 2.3	6.6/23.6	50428
2002 FW ₂	2003 09 26.7	00 11.81 -02 48.2 19.2	-1.04 - 3.7	1.6/25.6	30091	2000 DK ₃₅	2003 09 27.1	00 13.00 -05 20.4 19.0	-0.71 - 6.1	2.2/24.7	49790
2001 AD	2003 09 26.7	00 11.81 -00 38.7 20.2	-0.98 - 5.8	0.8/26.2	48003	2001 FG ₁₆₉	2003 09 27.1	00 13.06 -03 26.4 19.3	-0.65 - 6.9	1.1/25.4	35551
2001 DN ₆₃	2003 09 26.7	00 11.82 +07 04.7 19.4	-0.86 - 4.2	2.0/28.6	50524	2002 EP ₁₄₆	2003 09 27.1	00 13.06 -02 47.7 20.3	-0.95 - 4.6	1.4/25.8	33974
1999 VG ₉₀	2003 09 26.7	00 11.87 -03 22.5 18.3	-0.90 - 2.9	2.0/25.4	50436	2001 DK ₃₆	2003 09 27.1	00 13.07 -00 22.3 19.6	-0.82 - 6.4	0.6/26.5	13814
2001 FR ₁₇₅	2003 09 26.7	00 11.88 -15 59.4 19.0	-0.76 - 4.2	5.1/20.9	50532	2002 LN ₅₃	2003 09 27.1	00 13.07 +18 28.0 19.6	-0.69 - 9.7	4.9/04.0	34018
1999 TX ₂₅	2003 09 26.7	00 11.89 +16 34.4 18.6	-0.75 -12.8	5.2/03.0	50423	2000 VK ₃₁	2003 09 27.1	00 13.11 -02 10.0 19.4	-0.98 - 6.0	1.5/26.0	50502
2001 AP ₃₅	2003 09 26.7	00 11.90 -05 04.9 19.5	-0.96 - 4.4	2.2/24.8	43396	2000 DS ₉₄	2003 09 27.1	00 13.12 +20 42.6 18.1	-0.98 + 0.3	5.8/02.7	40469
2000 CZ ₄₈	2003 09 26.7	00 11.91 -04 31.4 19.9	-0.73 - 7.7	1.7/24.7	47850	1999 XL ₂₃₉	2003 09 27.1	00 13.16 +26 37.1 18.4	-0.91 - 4.5	9.2/06.5	50448
2002 JE ₁₅	2003 09 26.7	00 11.93 -20 15.2 20.0	-0.93 - 2.2	7.2/20.2	50607	2001 BZ ₇	2003 09 27.1	00 13.20 -05 10.5 19.7	-0.97 - 4.5	2.7/25.1	48005
2001 BO ₇₆	2003 09 26.7	00 11.95 +19 35.5 20.0	-0.80 - 5.8	5.2/03.4	18311	2002 JH ₁₅	2003 09 27.1	00 13.22 -17 33.9 18.1	-0.84 - 3.3	7.4/20.9	50607
2002 KF	2003 09 26.8	00 11.91 -15 50.9 19.7	-0.85 - 6.1	5.3/21.0	34009	1996 TK ₂₉	2003 09 27.1	00 13.27 +02 08.3 20.2	-0.93 - 6.2	0.2/27.4	50376
2000 YZ ₆₇	2003 09 26.8	00 11.96 -24 37.8 19.9	-0.77 - 8.8	7.5/16.5	12263	1999 XY ₈₄	2003 09 27.1	00 13.27 +03 06.3 17.9	-0.79 - 5.8	0.7/27.7	50443
2002 JW ₁	2003 09 26.8	00 11.98 -00 16.4 19.4	-0.88 - 5.1	0.6/26.3	48232	2912 T-2	2003 09 27.1	00 13.28 +02 13.8 18.9	-0.94 - 4.8	0.4/27.4	50811
2000 CE ₉₂	2003 09 26.8	00 12.05 +00 00.2 18.3	-0.75 - 3.8	0.4/26.4	50459	1999 XJ ₁₅₁	2003 09 27.1	00 13.29 -04 11.4 19.1	-0.98 - 3.7	2.0/25.5	47833
2000 YP ₃₂	2003 09 26.8	00 12.14 -46 03.3 17.7	-0.59 - 5.4	29.0/21.0	50512	2001 AN ₂₃	2003 09 27.1	00 13.35 -07 40.5 20.0	-0.83 - 6.6	3.0/24.1	48004
2001 DV ₁	2003 09 26.8	00 12.17 +01 14.0 20.4	-0.85 - 5.3	0.0/26.8	48010	2000 VC ₂	2003 09 27.1	00 13.35 -32 26.6 19.5	-1.25 - 2.1	11.4/15.4	14417
2000 AQ ₁₈₅	2003 09 26.8	00 12.20 +02 21.2 17.7	-0.77 - 9.9	0.3/27.2	50454	2001 FS ₅₂	2003 09 27.1	00 13.40 -00 53.1 19.4	-0.95 - 2.4	0.7/26.5	13831
2000 WR ₁₁₈	2003 09 26.8	00 12.23 -09 58.2 19.9	-0.93 - 4.5	3.9/23.3	47991	2001 BY ₄	2003 09 27.2	00 13.34 -19 54.7 18.0	-0.86 - 6.2	7.1/19.5	12272
2000 AJ ₈₄	2003 09 26.8	00 12.24 +03 23.1 18.3	-0.73 - 5.8	0.6/27.6	13645	2002 JP ₂₈	2003 09 27.2	00 13.37 +00 53.0 18.8	-0.88 - 7.0	0.2/27.0	50608
2001 DV ₇₁	2003 09 26.8	00 12.25 +06 41.3 19.3	-0.94 - 3.5	1.8/28.5	13816	1998 AC ₁	2003 09 27.2	00 13.37 +08 51.0 17.8	-1.08 - 3.4	3.0/29.3	50380
2002 CG ₂₁₇	2003 09 26.8	00 12.28 -07 24.4 20.1	-0.92 - 7.3	3.2/24.0	31970	2000 VT ₄₉	2003 09 27.2	00 13.37 -08 56.2 18.3	-1.03 - 3.7	4.3/24.1	50503
1999 UW ₃	2003 09 26.8	00 12.29 -02 35.4 18.7	-0.81 - 6.1	1.7/25.6	50431	1999 VY ₁₇₀	2003 09 27.2	00 13.38 +09 58.7 18.8	-0.83 - 5.0	2.9/30.0	50438
2000 YE ₉₇	2003 09 26.8	00 12.29 +01 00.3 18.2	-0.93 - 5.4	0.1/26.8	50514	2000 YC ₇	2003 09 27.2	00 13.40 -10 50.5 19.4	-0.94 - 4.7	4.4/23.3	31929
2000 YR ₁₂₈	2003 09 26.8	00 12.33 +02 30.3 20.0	-0.90 - 4.6	0.4/27.3	50515	2002 CV ₉₇	2003 09 27.2	00 13.43 +04 18.6 17.6	-1.11 - 1.3	1.4/28.0	49987
2002 GQ ₁₆₄	2003 09 26.9	00 12.40 +00 23.5 20.6	-0.81 - 6.9	0.3/26.6	31607	1999 TM ₁₂₀	2003 09 27.2	00 13.46 +01 07.3 17.9	-1.14 + 2.1	0.1/27.1	50426
2000 WY ₁₈₀	2003 09 26.9	00 12.45 +12 30.9 18.9	-0.98 - 5.9	4.3/30.6	50509	1999 VB ₆₉	2003 09 27.2	00 13.46 +13 29.5 18.0	-0.76 -10.1	4.6/01.9	50435
2000 AD ₁₂₄	2003 09 26.9	00 12.49 -19 22.8 19.4	-0.70 - 5.9	4.9/19.2	2718	2001 DX ₇	2003 09 27.2	00 13.47 -12 25.8 20.5	-0.82 - 8.0	4.2/22.2	12293

2003 OCT. 10

M.P.C. 49781

1999 RL ₆₇	2003 09 27.2	00 13.50 +04 02.7 18.2	-0.91 - 6.3	0.9/28.1	50416
2001 FA ₄₅	2003 09 27.2	00 13.60 -01 25.0 18.7	-0.77 - 5.7	0.9/26.3	50528
2001 FR ₁₂₆	2003 09 27.2	00 13.60 -03 44.3 19.2	-0.68 - 9.0	1.5/25.3	50531
5727 T-3	2003 09 27.2	00 13.61 -20 28.4 19.1	-0.91 - 2.9	6.6/20.2	50813
2002 JC ₈₃	2003 09 27.2	00 13.67 +03 51.5 19.7	-0.94 - 6.3	0.9/28.0	50610
1999 TL ₂₁₂	2003 09 27.2	00 13.67 -02 06.9 18.8	-1.03 - 1.2	1.4/26.3	50429
1998 WK ₃₁	2003 09 27.2	00 13.67 +14 39.2 17.6	-0.70 - 7.4	4.6/02.2	50399
2000 AX ₉₉	2003 09 27.2	00 13.71 +04 13.9 18.5	-0.81 - 7.8	1.1/28.2	50452
2000 WJ ₁₁	2003 09 27.2	00 13.74 -12 06.6 18.1	-0.99 - 2.7	6.0/23.2	33305
2000 YW ₉₉	2003 09 27.2	00 13.77 +02 28.8 19.3	-0.93 - 5.3	0.4/27.6	49873
2000 SU ₂₃₀	2003 09 27.3	00 13.71 -02 26.8 18.6	-1.01 - 4.1	1.9/26.1	50493
1997 MB ₆	2003 09 27.3	00 13.73 +11 29.9 19.5	-0.71 - 6.6	2.9/30.9	47713
2001 BN ₁₄	2003 09 27.3	00 13.75 -00 51.6 18.4	-0.91 - 7.5	0.9/26.5	12273
1999 RN ₂₀₇	2003 09 27.3	00 13.75 +13 45.6 19.2	-0.99 - 3.5	3.9/01.1	50420
1999 VX ₂₁₀	2003 09 27.3	00 13.77 +07 58.7 18.0	-0.86 - 4.9	2.5/29.4	33841
2002 JU ₁₂	2003 09 27.3	00 13.77 -07 40.6 19.7	-0.87 - 4.9	3.2/24.4	31625
2002 GD ₇₅	2003 09 27.3	00 13.82 +05 11.6 18.2	-0.94 - 6.0	1.6/28.5	50603
1999 TE ₂₉₃	2003 09 27.3	00 13.83 +16 16.3 19.7	-0.86 - 6.7	4.8/02.4	17064
1999 VM ₁₉₅	2003 09 27.3	00 13.86 -04 38.1 18.7	-0.86 - 4.3	2.6/25.4	50439
1998 WW ₁₄	2003 09 27.3	00 13.87 -36 06.1 18.2	-1.00 + 2.8	14.3/15.1	47757
1998 FX ₃₂	2003 09 27.3	00 13.90 +01 16.8 18.9	-0.93 - 5.2	0.1/27.3	31812
2001 DX ₂₉	2003 09 27.3	00 13.94 -02 02.0 19.9	-0.89 - 4.9	1.2/26.2	12296
2001 DZ ₈₉	2003 09 27.3	00 13.94 +09 54.5 18.3	-0.77 - 7.5	2.7/30.4	50525
2000 EQ ₁₂₂	2003 09 27.3	00 13.96 -03 28.9 17.8	-0.66 - 9.5	1.6/25.4	50466
1996 NN ₁	2003 09 27.3	00 13.99 +47 01.1 18.4	-1.44 + 0.7	19.0/18.3	49641
3381 T-3	2003 09 27.3	00 14.01 -02 15.8 18.0	-0.96 - 4.5	1.6/26.2	50812
2000 YC ₉₅	2003 09 27.3	00 14.02 -04 06.0 20.5	-0.91 - 6.3	2.0/25.5	9530
1998 RL ₆₈	2003 09 27.3	00 14.04 +03 11.9 18.3	-0.98 + 0.5	0.7/27.8	50391
2002 GW ₁₆₈	2003 09 27.3	00 14.05 -04 11.1 19.4	-1.07 - 3.2	2.3/25.7	33558
2001 CQ ₄₄	2003 09 27.3	00 14.14 -12 48.3 19.4	-1.00 - 2.4	4.9/23.1	13812
2000 WG ₁₃₂	2003 09 27.4	00 14.11 -37 21.7 19.2	-1.03 - 7.0	13.1/11.0	33887
1999 VC ₁₈	2003 09 27.4	00 14.11 +01 07.7 20.6	-0.90 - 4.1	0.1/27.3	12976
1999 TR ₂₈₂	2003 09 27.4	00 14.13 -01 45.1 18.6	-0.82 - 7.2	1.2/26.3	50431
1999 WC ₂₆	2003 09 27.4	00 14.15 -10 05.3 19.3	-0.84 - 4.1	3.9/23.7	33842
2001 BU ₆₆	2003 09 27.4	00 14.16 -03 43.8 20.1	-0.96 - 2.3	1.6/25.9	14418
2001 FL ₁₅₂	2003 09 27.4	00 14.20 -09 00.9 18.2	-0.75 - 4.4	3.4/23.9	50531
2000 YO ₅₈	2003 09 27.4	00 14.30 +03 17.7 18.3	-0.93 - 6.2	0.8/28.0	50513
2000 AQ ₈	2003 09 27.4	00 14.30 -02 18.5 19.5	-0.92 - 3.5	1.5/26.3	12223
1999 TZ ₆₆	2003 09 27.4	00 14.40 +11 07.5 19.8	-0.79 - 8.8	3.0/31.0	15050
1999 TT ₅₅	2003 09 27.4	00 14.42 -07 55.5 18.6	-0.99 - 1.4	3.1/24.8	30319
4039 T-2	2003 09 27.4	00 14.47 -00 45.8 19.3	-0.90 - 6.8	0.8/26.7	50811
1999 RN ₁₃₈	2003 09 27.4	00 14.47 +24 55.1 18.3	-1.03 - 4.6	8.7/05.8	50418
2001 DL ₆	2003 09 27.4	00 14.47 -17 04.2 19.9	-0.83 - 6.2	5.6/20.9	50523
2001 DA ₃₄	2003 09 27.5	00 14.47 -01 35.1 19.8	-0.88 - 4.4	1.0/26.5	11878
1999 RK ₁₁₀	2003 09 27.5	00 14.48 +22 12.7 18.0	-0.99 - 2.8	7.7/04.2	50417
2000 YQ ₈₈	2003 09 27.5	00 14.49 +12 35.8 16.9	-0.93 - 3.9	5.4/01.0	50514
2002 JC ₁₇	2003 09 27.5	00 14.54 -10 38.5 19.7	-0.97 - 3.9	4.5/23.8	31631
2002 JR ₆₈	2003 09 27.5	00 14.58 -17 02.2 19.5	-1.00 - 2.1	6.2/22.2	35577
1999 YP ₁	2003 09 27.5	00 14.62 -10 50.9 18.7	-0.76 -11.3	4.7/22.6	50449
2000 WK ₄₈	2003 09 27.5	00 14.69 -24 39.3 18.5	-0.94 - 5.8	10.4/17.8	50505
2002 GB ₁₂₇	2003 09 27.5	00 14.70 -02 42.1 18.9	-0.88 - 5.5	1.7/26.2	50605

2000 PV ₆	2003 09 27.5	00 14.81 +38 03.2 17.9	-1.26 - 2.6	15.9/10.6	50479
2002 LW ₂₆	2003 09 27.5	00 14.82 +00 17.5 18.2	-0.68 - 7.6	0.4/27.1	50613
2002 EU ₆₈	2003 09 27.5	00 14.82 +03 57.6 19.4	-0.94 - 9.1	0.9/28.4	50597
1999 UN ₁₂	2003 09 27.5	00 14.83 +07 51.9 18.6	-0.91 - 5.0	2.5/29.6	49731
2000 AW ₁₀₀	2003 09 27.5	00 14.86 -25 02.3 17.7	-0.92 - 2.0	11.0/18.4	1562
2001 CV ₄₄	2003 09 27.6	00 14.80 -24 36.5 18.8	-0.88 - 4.0	9.0/18.3	50522
2002 MU ₃	2003 09 27.6	00 14.81 +01 04.8 17.6	-0.71 -14.4	0.2/27.4	50613
2002 GC ₆₀	2003 09 27.6	00 14.85 -15 27.1 19.0	-0.78 - 7.5	5.3/21.5	31531
2000 DF ₆₉	2003 09 27.6	00 14.88 +00 50.8 18.9	-0.70 - 6.2	0.2/27.4	31900
2000 YW ₃₈	2003 09 27.6	00 14.90 -07 02.4 16.8	-0.83 - 7.3	4.1/24.6	49864
1999 XY ₁₆₃	2003 09 27.6	00 14.94 +07 11.4 17.7	-0.84 - 5.1	1.8/29.5	50446
2001 DR ₁₃	2003 09 27.6	00 14.99 -09 16.7 18.8	-0.73 - 4.6	3.0/24.0	13254
1998 ER ₁₂	2003 09 27.6	00 15.05 -02 53.1 20.0	-0.93 - 6.7	1.6/26.2	47724
2000 YW ₉₀	2003 09 27.6	00 15.05 +02 32.2 19.6	-0.93 - 6.4	0.4/28.0	48001
2000 ES ₃₅	2003 09 27.6	00 15.10 +04 30.8 18.3	-0.70 - 7.0	0.9/28.7	50464
1999 XE ₂₀₆	2003 09 27.6	00 15.15 -12 42.7 19.0	-0.81 - 2.8	4.1/23.1	50447
2002 CA ₈₂	2003 09 27.6	00 15.16 -02 04.3 19.8	-0.98 - 7.5	1.5/26.5	33529
2001 FZ ₁₆	2003 09 27.6	00 15.17 -01 34.9 19.9	-0.70 - 4.8	0.8/26.6	35036
2001 BQ ₄	2003 09 27.6	00 15.17 -19 05.6 19.5	-0.88 - 4.4	6.4/20.7	12272
2000 YG ₁₂₄	2003 09 27.6	00 15.17 -08 26.1 19.7	-0.97 - 5.6	3.8/24.5	50515
2002 LA ₂₃	2003 09 27.7	00 15.15 +00 37.9 18.1	-0.76 - 4.2	0.3/27.4	48239
2002 QC ₁₁	2003 09 27.7	00 15.15 +32 32.9 21.2	-0.89 - 1.9	7.1/08.8	35352
2001 DA ₄₃	2003 09 27.7	00 15.18 -04 36.9 19.5	-0.78 - 7.2	2.1/25.5	33898
2000 WE ₁₂₃	2003 09 27.7	00 15.21 -04 36.5 19.3	-0.92 - 5.3	2.2/25.7	9428
2002 LR ₄	2003 09 27.7	00 15.24 -11 57.2 20.9	-0.78 - 5.2	3.9/23.1	50612
2001 AK ₁₅	2003 09 27.7	00 15.25 +24 31.6 18.5	-0.98 - 3.9	8.6/05.3	50516
1999 VH ₃₃	2003 09 27.7	00 15.32 +20 17.4 18.2	-0.75 - 8.9	7.4/05.2	34802
2001 BE ₄₁	2003 09 27.7	00 15.51 +11 12.5 18.5	-0.93 - 5.1	4.2/30.8	50519
1999 UV ₉	2003 09 27.7	00 15.57 +06 18.9 18.2	-1.38 + 3.6	1.8/28.7	49730
1998 FS ₅₄	2003 09 27.7	00 15.58 +01 56.4 17.7	-1.03 - 3.2	0.1/27.9	50383
1981 EZ ₄	2003 09 27.8	00 15.50 +15 02.2 19.5	-0.96 - 3.5	4.7/02.0	47679
1999 XG ₁₀₉	2003 09 27.8	00 15.51 +04 02.8 18.8	-0.81 - 7.2	0.8/28.6	1554
2001 FE ₁₈₆	2003 09 27.8	00 15.57 -17 28.1 19.3	-0.72 - 5.9	5.3/20.9	18315
2000 CH ₃₃	2003 09 27.8	00 15.68 -00 06.2 19.5	-0.72 - 4.9	0.5/27.2	47849
2001 BR ₃₆	2003 09 27.8	00 15.68 -03 27.3 21.2	-0.81 - 6.9	1.5/26.1	11035
2002 GK ₁₁₄	2003 09 27.8	00 15.71 -12 00.7 16.9	-0.88 - 0.6	6.1/24.0	50063
2000 WC ₁₆₉	2003 09 27.8	00 15.73 +09 00.6 18.3	-0.88 - 6.7	2.6/30.3	12257
2002 JA ₁₂₈	2003 09 27.8	00 15.73 -05 02.7 19.4	-0.84 - 6.0	2.4/25.6	31747
1999 WA ₁₂	2003 09 27.8	00 15.74 -07 24.2 18.9	-0.82 - 4.7	3.0/24.9	37851
2002 EA ₂₆	2003 09 27.8	00 15.75 +06 14.3 18.1	-0.95 - 5.7	2.0/29.3	50018
2000 CL ₇₉	2003 09 27.8	00 15.77 +01 49.8 19.2	-0.75 - 5.0	0.0/27.9	47851
2000 YC ₁₅	2003 09 27.8	00 15.78 +00 24.0 19.2	-0.89 - 6.8	0.5/27.4	47998
2001 HL ₄₆	2003 09 27.8	00 15.79 -01 29.2 20.0	-0.75 - 4.1	0.9/26.8	50534
2000 UN ₁₀₄	2003 09 27.8	00 15.84 +08 16.4 17.8	-1.02 - 4.4	2.6/29.9	50501
2000 DO ₅₇	2003 09 27.8	00 15.88 +03 47.1 19.1	-0.78 - 5.5	0.7/28.6	47857
2002 HH ₁₁	2003 09 27.9	00 15.91 -16 56.3 20.4	-0.84 - 6.6	6.3/21.4	48232
2002 JD ₂₅	2003 09 27.9	00 15.95 -01 23.9 18.5	-0.82 - 6.7	1.2/26.9	50608
2001 FA ₇₂	2003 09 27.9	00 16.01 -01 48.8 18.7	-0.70 - 8.0	1.0/26.6	50529
2000 CU ₈₁	2003 09 27.9	00 16.03 +00 28.0 19.9	-0.72 - 4.4	0.3/27.5	47852
2002 HB	2003 09 27.9	00 16.06 -01 34.7 16.8	-1.64 + 8.8	1.6/27.5	50070
1999 RJ ₆₂	2003 09 27.9	00 16.11 -03 13.1 18.8	-0.89 - 3.8	2.3/26.4	47789

2003 QS ₆₀	2003 09 27.9	00 16.16 -05 58.0 18.4	-0.71 - 5.8	2.7/25.3	50316
2002 CV ₁₁₅	2003 09 27.9	00 16.23 +01 36.0 18.2	-0.87 -24.4	0.1/27.9	49990
2000 SJ ₁₂₃	2003 09 27.9	00 16.23 -06 26.1 19.3	-0.97 - 7.7	3.3/25.2	50491
2002 JA ₁₁	2003 09 27.9	00 16.26 -51 07.1 17.3	-0.72 + 4.8	31.5/21.0	50607
2000 YV ₈₇	2003 09 27.9	00 16.29 -04 06.1 20.0	-0.93 - 6.5	2.2/26.1	48000
2001 BN ₂₈	2003 09 27.9	00 16.30 -00 28.6 19.1	-0.92 - 7.4	0.9/27.2	49888
1999 RW ₆₃	2003 09 28.0	00 16.26 -02 35.8 18.8	-0.79 - 9.0	1.8/26.4	50416
1998 WE ₃₈	2003 09 28.0	00 16.27 -07 49.1 19.2	-0.82 - 2.9	3.3/25.1	50399
2001 FQ ₅	2003 09 28.0	00 16.27 +07 26.5 18.7	-0.89 - 3.2	1.8/29.7	50527
2002 ER ₆₉	2003 09 28.0	00 16.37 +03 15.9 18.5	-0.87 - 9.1	0.6/28.6	50026
2000 YJ ₁₂	2003 09 28.0	00 16.37 -44 33.9 20.6	-1.22 - 0.4	17.8/11.0	9895
2002 HZ ₁₃	2003 09 28.0	00 16.38 -36 28.9 18.6	-0.79 - 5.0	10.9/12.9	33995
1999 XG ₁₆	2003 09 28.0	00 16.41 -62 46.3 17.2	-1.71 +17.0	32.9/06.1	33843
2000 AO ₇₀	2003 09 28.0	00 16.43 -06 46.3 18.6	-0.78 - 6.5	3.2/25.1	50451
1999 XM ₃₆	2003 09 28.0	00 16.47 -08 07.9 16.6	-1.09 + 1.2	4.0/25.6	50442
1998 WO ₄	2003 09 28.0	00 16.47 +06 29.4 17.5	-0.86 -24.2	2.0/30.1	50398
2002 JK ₄₃	2003 09 28.0	00 16.48 +03 10.0 18.7	-1.01 - 3.2	0.5/28.5	50608
2002 EN ₆₆	2003 09 28.0	00 16.49 +01 31.2 19.3	-0.90 - 7.9	0.1/28.0	50597
2000 YK ₉₇	2003 09 28.0	00 16.49 -04 42.9 19.3	-0.89 - 6.2	2.8/25.9	50514
2002 CK ₁₂	2003 09 28.0	00 16.49 +31 43.4 19.3	-1.67 + 4.6	14.5/04.9	49972
2001 CO ₃₃	2003 09 28.0	00 16.52 -08 29.1 19.5	-0.91 - 2.0	3.1/25.1	48009
2002 JD ₁₁₉	2003 09 28.0	00 16.53 -10 38.3 18.5	-0.87 - 9.5	4.5/23.6	32032
1999 VH ₁₉₆	2003 09 28.0	00 16.54 +11 44.3 18.7	-0.72 -16.4	3.4/02.2	14378
5077 T-3	2003 09 28.0	00 16.58 -05 07.9 18.7	-0.69 - 8.8	2.1/25.5	50813
2001 FR ₁₄₇	2003 09 28.0	00 16.59 +12 52.8 19.0	-0.81 - 3.1	3.2/01.7	50531
2000 DH ₁₄	2003 09 28.0	00 16.60 +02 21.7 19.5	-0.76 - 4.6	0.2/28.3	40461
2001 AG ₈	2003 09 28.0	00 16.66 -18 48.0 18.8	-0.87 - 4.4	9.3/21.1	50516
2002 JO ₂₉	2003 09 28.1	00 16.59 +10 02.7 20.4	-0.84 - 8.6	2.7/01.1	32018
1999 VQ ₁₂₁	2003 09 28.1	00 16.59 -02 07.0 19.8	-0.89 - 4.2	1.4/26.9	31877
2000 YD ₁₄₃	2003 09 28.1	00 16.62 -01 42.7 18.2	-0.85 - 9.3	1.4/26.9	50516
1998 RH ₄₉	2003 09 28.1	00 16.64 +03 00.7 19.6	-0.81 - 4.9	0.4/28.5	49652
2001 DQ ₂₁	2003 09 28.1	00 16.68 -21 18.7 17.5	-0.78 - 9.8	8.5/18.7	33897
2000 XF ₈	2003 09 28.1	00 16.72 +07 24.3 17.5	-1.04 - 0.1	2.9/29.6	50509
2002 BC ₁₇	2003 09 28.1	00 16.74 +11 19.3 18.1	-1.01 - 6.2	3.7/01.2	50589
1998 HA ₂₂	2003 09 28.1	00 16.74 +06 40.8 19.2	-0.87 - 7.5	1.8/29.8	50384
1999 XN ₁₁₃	2003 09 28.1	00 16.82 +22 26.7 17.6	-1.01 - 0.4	8.7/04.1	40417
1999 JO ₇₀	2003 09 28.1	00 16.84 -10 18.4 18.6	-1.02 - 4.6	5.0/24.5	50409
1995 FU ₂₀	2003 09 28.1	00 16.96 -08 31.5 19.7	-0.68 - 5.9	2.6/24.5	33757
1999 VA ₁₇₈	2003 09 28.1	00 16.96 -34 48.5 20.1	-1.40 + 2.4	12.3/17.0	2688
1998 YG ₃	2003 09 28.1	00 16.96 -20 27.3 17.8	-0.87 - 5.9	8.5/20.6	50384
1999 TZ ₁₅₃	2003 09 28.1	00 16.99 -08 09.5 18.6	-0.80 - 2.2	4.9/25.1	49713
1999 YW ₈	2003 09 28.1	00 16.99 -16 23.4 19.4	-0.75 - 4.0	5.1/22.0	14384
2001 CB ₃₄	2003 09 28.2	00 16.95 -12 56.7 20.2	-0.94 - 3.1	4.7/23.6	17547
1998 TU ₃₀	2003 09 28.2	00 16.96 -06 55.3 18.0	-0.81 - 2.5	2.4/25.5	50396
2001 FG ₆₉	2003 09 28.2	00 17.02 -05 37.7 18.0	-0.75 - 4.4	2.5/25.7	50529
2000 WO ₄₅	2003 09 28.2	00 17.02 -05 17.1 18.6	-0.94 - 6.7	3.0/25.9	50505
1998 WE ₁₄	2003 09 28.2	00 17.03 -02 53.0 18.4	-0.76 - 4.1	1.7/26.7	50399
2002 JB ₆₃	2003 09 28.2	00 17.16 -05 00.9 18.5	-0.82 - 6.4	2.0/25.9	33999
1999 TU ₁₅₃	2003 09 28.2	00 17.17 -03 22.2 18.7	-0.82 - 7.1	2.0/26.4	50427
2002 LJ ₁₄	2003 09 28.2	00 17.17 -12 35.2 19.5	-0.94 - 3.1	5.0/23.8	50612
1996 XK ₅	2003 09 28.2	00 17.25 +25 52.3 18.0	-1.00 - 3.9	8.9/06.2	10836

2001 EJ ₂	2003 09 28.2	00 17.29 -17 39.6 19.5	-0.83 - 7.2	5.8/21.1	12306
2000 YJ ₅₂	2003 09 28.3	00 17.38 -00 55.7 20.5	-0.89 - 5.3	1.0/27.4	47999
1999 XH ₁₂₄	2003 09 28.3	00 17.40 -16 18.7 18.6	-1.07 + 1.9	8.4/23.4	1555
2001 FR ₂₅	2003 09 28.3	00 17.42 +02 02.5 20.4	-0.72 - 4.8	0.0/28.4	50527
2001 DU	2003 09 28.3	00 17.49 +00 34.5 19.5	-0.87 - 5.1	0.5/27.9	12292
2002 JB ₃₂	2003 09 28.3	00 17.53 -00 49.5 18.3	-0.85 - 5.9	1.0/27.5	31649
1999 TW ₂₃₂	2003 09 28.3	00 17.56 +00 48.9 19.2	-0.93 - 3.1	0.4/28.0	50429
2002 KS ₂	2003 09 28.3	00 17.63 +03 00.0 20.6	-0.97 - 7.0	0.4/28.7	50612
1999 XP ₈₄	2003 09 28.3	00 17.66 -15 03.0 19.0	-0.73 - 4.4	4.2/22.5	33846
1999 TO ₁₉₂	2003 09 28.3	00 17.69 +15 00.4 18.8	-0.87 - 5.3	4.8/02.8	50428
1999 TF ₁₄₁	2003 09 28.3	00 17.74 -11 32.7 19.1	-1.03 - 0.8	4.6/24.7	50426
2001 EX ₁₄	2003 09 28.4	00 17.74 -17 35.6 19.3	-0.70 - 6.5	5.3/21.2	33900
2001 FO ₁₁	2003 09 28.4	00 17.75 -03 21.9 19.4	-0.69 - 7.0	1.5/26.5	50527
2001 DJ ₃₅	2003 09 28.4	00 17.77 -03 09.5 19.6	-0.77 - 6.8	1.6/26.7	50523
1999 NQ ₅₁	2003 09 28.4	00 17.79 -06 53.4 19.4	-0.84 -11.7	3.4/25.2	50413
1999 XQ ₂₀₉	2003 09 28.4	00 17.79 +02 22.4 18.2	-0.97 - 0.7	0.2/28.6	47835
1999 TQ ₁₁₅	2003 09 28.4	00 17.86 +07 56.8 18.3	-0.91 - 5.0	2.4/30.4	50425
1997 EU ₂₆	2003 09 28.4	00 17.87 +01 37.7 21.2	-0.88 - 4.5	0.1/28.4	47710
2001 BF ₅₀	2003 09 28.4	00 17.93 +24 17.1 18.7	-0.95 - 3.7	7.9/05.8	41677
2001 FL ₆₆	2003 09 28.4	00 17.93 -03 39.5 19.9	-0.75 - 7.0	1.5/26.5	13834
1999 TW ₁₂₂	2003 09 28.4	00 17.94 +07 30.6 18.8	-0.78 -11.3	2.0/30.6	50426
2002 KE ₁₄	2003 09 28.4	00 17.95 -19 43.8 19.9	-0.83 - 6.0	6.6/20.9	34011
1998 HQ ₁₀₆	2003 09 28.4	00 17.95 -16 58.6 17.9	-0.78 - 8.5	7.5/21.5	50385
2001 CB ₃₇	2003 09 28.4	00 17.95 -02 45.2 19.0	-0.82 - 5.4	1.5/26.9	33896
2000 AF ₁₅	2003 09 28.4	00 17.95 -23 13.6 19.3	-0.75 - 3.5	6.1/19.6	33853
2002 ED ₁₀₀	2003 09 28.4	00 17.96 -02 55.9 18.3	-1.04 - 3.8	2.2/27.0	50598
1999 RC ₂₆	2003 09 28.4	00 17.97 -03 27.3 18.1	-0.77 - 6.7	2.4/26.6	50414
2002 JY ₄₀	2003 09 28.4	00 17.98 +08 08.7 19.4	-0.89 - 8.6	2.4/30.6	50608
1998 HV ₁₀₇	2003 09 28.4	00 17.99 -13 04.7 19.1	-1.03 - 3.7	5.5/23.9	50385
1999 VO ₂₆	2003 09 28.4	00 18.06 -03 49.2 17.6	-0.85 - 4.4	2.2/26.6	50434
2001 DH ₆	2003 09 28.4	00 18.10 +03 56.3 19.6	-0.93 - 2.4	0.6/29.1	13812
2002 GO ₁₆₂	2003 09 28.5	00 18.13 -05 20.3 18.8	-0.91 - 4.1	2.8/26.3	50068
2000 YP ₁₂₀	2003 09 28.5	00 18.14 -21 34.0 18.1	-0.90 - 5.5	8.4/20.0	50515
1993 LE ₁	2003 09 28.5	00 18.18 +10 06.9 19.3	-1.01 - 1.7	2.8/30.8	50368
2001 FB ₃₈	2003 09 28.5	00 18.18 +10 32.9 18.9	-0.78 - 3.4	2.3/01.3	50528
2000 YY ₈₅	2003 09 28.5	00 18.25 -21 01.3 19.3	-0.86 - 5.6	7.2/20.5	33890
2001 CP ₄₃	2003 09 28.5	00 18.26 -18 42.6 18.7	-1.01 - 3.0	7.1/21.9	13252
2002 GS ₁₀₀	2003 09 28.5	00 18.32 +04 48.0 18.7	-0.78 -10.0	1.1/29.6	31573
1999 VF ₁₁	2003 09 28.5	00 18.33 +17 37.9 18.4	-0.69 -12.1	6.3/05.1	50433
2000 AC ₅	2003 09 28.5	00 18.41 -05 45.2 19.7	-0.72 - 4.5	2.1/26.0	50449
2002 JM	2003 09 28.5	00 18.42 +04 26.5 19.6	-0.77 - 9.5	0.8/29.5	32013
2001 ED ₁₄	2003 09 28.5	00 18.43 -20 08.6 18.2	-0.79 - 4.2	6.9/20.9	50526
2000 EY ₆₆	2003 09 28.5	00 18.43 +00 30.6 18.6	-0.62 - 9.1	0.4/28.0	50464
1998 HS ₁₀₇	2003 09 28.6	00 18.47 -07 46.4 18.5	-0.88 - 5.5	3.7/25.5	31229
1999 RM ₁₂₇	2003 09 28.6	00 18.48 +15 25.5 18.4	-0.88 - 5.8	5.8/03.2	50418
2000 AT ₁₅₄	2003 09 28.6	00 18.48 -00 44.1 18.6	-0.86 - 4.2	1.0/27.8	50454
2000 UQ ₆₃	2003 09 28.6	00 18.51 -00 19.4 17.8	-1.07 - 3.8	0.9/28.0	50500
2001 CT ₄₂	2003 09 28.6	00 18.57 -04 26.4 18.6	-0.86 - 7.9	2.6/26.4	50522
2000 AF ₃₀	2003 09 28.6	00 18.61 -03 18.6 18.2	-0.79 - 4.8	1.8/26.9	50450
1999 VJ ₈₃	2003 09 28.6	00 18.61 -04 44.6 19.4	-0.84 - 4.7	2.3/26.5	31876
2000 YM ₇	2003 09 28.6	00 18.66 +08 33.3 19.1	-0.96 - 4.4	2.3/30.7	35537

2003 OCT. 10

M.P.C. 49783

2003 QA ₆₁	2003 09 28.6	00 18.72 -04 15.1 17.7	-0.91 - 0.7	1.9/26.9	50316
1999 VQ ₁₁₄	2003 09 28.6	00 18.73 +06 15.8 18.1	-1.06 - 1.2	1.6/29.8	50437
2002 EC ₉₀	2003 09 28.6	00 18.74 +00 08.3 21.3	-0.96 - 6.4	0.7/28.1	35173
2002 HC ₁	2003 09 28.6	00 18.76 -05 53.7 18.1	-1.05 - 2.1	3.3/26.5	50070
1999 VH ₁₄₄	2003 09 28.6	00 18.81 -09 55.4 19.5	-1.02 - 0.9	4.4/25.4	3463
2000 WU ₁₈	2003 09 28.7	00 18.76 +12 46.0 17.8	-0.93 - 7.0	4.0/02.4	50504
2000 VJ ₂	2003 09 28.7	00 18.78 -44 52.7 17.2	-1.03 - 1.8	19.7/11.0	31920
1998 YP ₉	2003 09 28.7	00 18.92 +00 14.9 17.8	-0.70 - 6.3	0.6/28.1	50401
1995 VY ₁₁	2003 09 28.7	00 18.94 -06 43.0 19.4	-0.85 - 5.4	3.4/25.9	50374
2001 KC ₁	2003 09 28.7	00 18.96 -06 09.0 19.7	-0.73 - 3.7	2.2/26.0	35555
2001 AZ ₃₉	2003 09 28.7	00 18.99 +05 06.1 18.5	-0.98 - 4.6	1.1/29.7	11027
2002 BS ₂₁	2003 09 28.7	00 19.00 -32 47.0 19.2	-1.67 + 5.6	16.3/20.9	31964
2000 UU ₃₃	2003 09 28.7	00 19.01 +03 41.0 17.2	-0.84 - 9.5	0.8/29.3	50499
1999 TJ ₅₆	2003 09 28.7	00 19.07 -00 36.8 18.9	-0.88 - 4.4	0.9/27.9	33097
1999 TD ₁₆₁	2003 09 28.7	00 19.10 +06 21.4 19.3	-0.87 - 5.9	1.5/30.2	33831
2002 JH ₅₆	2003 09 28.7	00 19.13 -08 51.8 19.6	-0.88 - 3.4	3.4/25.4	32022
2002 CW ₁₀	2003 09 28.8	00 19.10 -35 58.8 19.0	-1.35 + 2.3	13.4/18.5	30636
2002 JF ₆₅	2003 09 28.8	00 19.16 -07 18.5 20.2	-0.86 - 4.7	2.8/25.8	48235
2002 CX ₁₅	2003 09 28.8	00 19.17 -07 07.2 18.2	-0.83 - 9.9	3.9/25.5	50590
2001 FX ₁₂₆	2003 09 28.8	00 19.20 -13 08.4 18.2	-0.95 + 0.3	4.5/24.7	50531
2001 FA ₃₆	2003 09 28.8	00 19.21 +05 29.6 18.5	-0.94 - 2.4	1.2/29.8	50528
2000 AU ₁	2003 09 28.8	00 19.31 -07 29.4 18.6	-0.78 - 6.1	3.1/25.5	50449
2002 GP ₉₄	2003 09 28.8	00 19.35 +01 58.5 17.6	-1.06 - 0.3	0.0/28.8	50604
1993 TE ₁₆	2003 09 28.8	00 19.42 -00 10.9 17.5	-0.98 - 4.8	1.1/28.2	9675
2001 CG ₂₉	2003 09 28.8	00 19.45 +05 57.2 18.7	-0.95 - 3.0	1.3/30.0	12289
2000 YC ₁₁₈	2003 09 28.8	00 19.46 +11 15.9 20.0	-0.94 - 3.6	3.0/01.7	48002
1999 UF ₄₀	2003 09 28.8	00 19.52 +06 46.7 19.3	-0.89 - 5.0	1.7/30.4	31873
2003 QT ₃₂	2003 09 28.9	00 19.46 -03 26.8 16.7	-1.68 +12.9	2.9/28.4	50304
1999 TW ₁₃₉	2003 09 28.9	00 19.48 +12 07.2 18.4	-0.67 -13.3	4.0/03.0	47807
1998 SP ₁₅	2003 09 28.9	00 19.49 +03 09.0 20.5	-0.78 - 5.5	0.3/29.3	16849
1994 WA ₈	2003 09 28.9	00 19.54 +04 16.9 17.9	-0.71 - 9.2	0.9/29.7	50371
1999 VK ₃₇	2003 09 28.9	00 19.69 +07 32.2 19.0	-0.81 - 5.9	1.7/30.8	13621
2000 AC ₂₂₇	2003 09 28.9	00 19.70 +02 19.0 20.9	-0.72 - 4.8	0.1/29.0	47845
1996 GA ₁	2003 09 28.9	00 19.78 +00 22.3 19.9	-0.73 - 4.5	0.5/28.4	33759
1998 HT ₇	2003 09 28.9	00 19.80 +07 37.4 18.8	-0.86 -13.7	1.8/31.0	50384
2000 CQ ₁₂	2003 09 28.9	00 19.88 +00 10.8 18.6	-0.71 - 7.1	0.6/28.3	50457
1998 WL ₁₀	2003 09 29.0	00 19.88 +02 28.6 18.3	-0.72 - 6.2	0.1/29.1	50398
2001 HJ ₅₇	2003 09 29.0	00 19.89 -21 26.8 18.9	-0.89 - 5.6	7.9/20.4	13482
2001 EN ₅	2003 09 29.0	00 20.02 -03 02.7 18.4	-0.90 - 2.8	1.9/27.5	50526
1999 TF ₂₅₇	2003 09 29.0	00 20.02 +10 16.0 18.8	-0.95 - 5.1	2.9/01.6	50430
1999 XD ₃₇	2003 09 29.0	00 20.09 -22 10.5 17.5	-0.87 - 4.5	9.3/20.2	50442
1999 VS ₃	2003 09 29.0	00 20.12 +02 32.4 19.7	-0.81 - 6.5	0.1/29.2	14147
1999 XE ₁₁₃	2003 09 29.0	00 20.14 -06 38.4 19.1	-1.18 + 2.3	3.3/27.1	50444
2002 EV ₃₀	2003 09 29.0	00 20.15 -03 20.8 19.3	-0.94 - 6.2	2.1/27.3	50596
2002 EW ₆₇	2003 09 29.0	00 20.27 +03 53.4 19.6	-0.94 - 6.8	0.6/29.7	31979
2001 BJ ₄₄	2003 09 29.1	00 20.20 +08 10.1 18.9	-0.84 - 7.6	2.1/31.0	12277
1995 FX ₁₀	2003 09 29.1	00 20.25 +00 14.5 19.6	-0.82 - 2.7	0.5/28.5	32945
2001 FM ₁₀₂	2003 09 29.1	00 20.29 +02 19.0 19.4	-0.69 - 5.6	0.0/29.2	48023
1996 AE ₁₃	2003 09 29.1	00 20.32 -01 40.9 19.0	-0.86 - 3.7	1.4/27.9	50375
2002 FJ ₁₇	2003 09 29.1	00 20.33 -08 24.3 20.0	-0.97 - 5.8	3.7/25.8	31988
2000 YG ₁₃₃	2003 09 29.1	00 20.33 +04 18.4 19.0	-1.00 - 6.0	0.8/29.8	13803

2000 EQ ₁₅₆	2003 09 29.1	00 20.39 -11 56.9 19.2	-0.86 - 2.0	4.0/24.8	50466
2002 EQ ₃₉	2003 09 29.1	00 20.40 +05 41.8 17.9	-1.06 - 2.0	1.6/30.1	50597
1999 TK ₁₇₁	2003 09 29.1	00 20.45 +05 29.1 19.0	-0.78 - 7.9	1.4/30.3	47808
2000 WW ₃₅	2003 09 29.1	00 20.46 -12 16.0 18.4	-0.94 - 6.8	6.0/24.2	9870
2000 WX ₁₈	2003 09 29.1	00 20.53 +14 55.3 18.2	-0.93 - 7.0	5.5/03.5	31352
1995 FH ₁₉	2003 09 29.1	00 20.59 -02 06.6 18.4	-0.76 - 4.8	1.5/27.7	50372
1999 LY ₃₄	2003 09 29.1	00 20.59 -06 24.8 18.0	-0.98 - 4.7	3.4/26.6	50411
2000 AM ₁₈₀	2003 09 29.1	00 20.61 -06 48.4 18.4	-0.71 - 7.3	2.7/25.9	50454
1998 SD ₁₂₅	2003 09 29.1	00 20.62 -06 26.7 18.3	-0.87 - 2.2	2.7/26.6	50394
2001 BX ₄₂	2003 09 29.2	00 20.56 +12 52.4 19.0	-0.85 - 6.8	3.7/02.9	48006
1999 XM ₅₅	2003 09 29.2	00 20.57 -03 44.7 19.0	-0.82 - 4.6	1.9/27.3	50442
2002 EU ₆₁	2003 09 29.2	00 20.57 +01 02.9 19.9	-0.94 - 7.5	0.5/28.8	50024
2001 BT ₆₃	2003 09 29.2	00 20.59 -01 09.3 20.2	-0.86 - 6.3	1.1/28.1	14921
2000 AU ₄₉	2003 09 29.2	00 20.60 -16 04.5 21.6	-0.89 - 7.2	5.4/22.5	39569
1999 XQ ₃₇	2003 09 29.2	00 20.63 -30 40.4 17.5	-0.86 - 1.6	14.1/16.5	38837
2000 YL ₄₅	2003 09 29.2	00 20.67 -11 42.6 16.4	-0.71 - 7.8	6.8/24.0	50512
2002 DB ₁	2003 09 29.2	00 20.70 -08 54.6 19.9	-0.95 - 4.4	3.6/25.8	31975
1998 SH ₁₀₀	2003 09 29.2	00 20.73 +07 57.9 18.4	-0.86 - 2.7	1.8/01.0	50394
2000 AE ₂₃	2003 09 29.2	00 20.74 -19 42.8 17.9	-0.81 - 4.0	7.1/21.7	13094
2002 JG ₅	2003 09 29.2	00 20.74 -04 55.4 20.3	-1.03 - 4.4	2.7/27.1	32014
2002 HV ₄	2003 09 29.2	00 20.79 +02 43.9 20.0	-1.00 - 4.6	0.2/29.4	50070
1999 TA ₂₁₆	2003 09 29.2	00 20.94 +04 43.5 19.5	-0.77 - 9.4	0.8/30.2	50429
1999 TQ ₂₆	2003 09 29.2	00 20.99 +03 36.5 18.0	-0.86 - 5.2	0.5/29.7	50423
1999 TV ₁₁₄	2003 09 29.2	00 21.01 +05 02.7 18.5	-1.01 - 2.0	0.9/30.1	50425
2001 AJ ₄	2003 09 29.3	00 20.92 -08 37.7 18.5	-0.87 - 8.2	4.4/25.5	50516
2002 JR ₂₉	2003 09 29.3	00 20.95 +05 46.2 19.9	-0.88 - 8.3	1.3/30.5	48233
2001 DP ₈₆	2003 09 29.3	00 20.96 -06 22.4 18.5	-0.81 - 5.8	3.3/26.4	50525
2000 AH ₆₂	2003 09 29.3	00 21.15 -03 47.3 17.4	-0.73 - 5.6	2.0/27.3	50451
1997 YA ₁₈	2003 09 29.3	00 21.20 +10 02.1 19.7	-1.03 - 4.9	3.0/01.8	47721
1998 VV ₂₅	2003 09 29.3	00 21.20 -01 26.7 17.6	-0.74 - 3.4	1.6/28.2	49659
2000 AF ₁₂₄	2003 09 29.3	00 21.21 +18 50.2 17.8	-0.82 - 4.0	5.7/05.0	50453
2002 JZ ₈₈	2003 09 29.3	00 21.21 +03 22.8 19.2	-0.88 - 6.3	0.4/29.7	31722
2000 AB ₁₃₃	2003 09 29.3	00 21.29 +22 52.0 18.5	-0.95 - 1.2	6.5/05.6	35505
2002 FP ₂₈	2003 09 29.3	00 21.32 -07 19.5 19.4	-0.96 - 4.0	3.5/26.5	31489
1999 VQ ₈	2003 09 29.3	00 21.33 -23 46.2 17.3	-0.89 + 2.1	13.0/21.2	40389
2002 GZ ₂₀	2003 09 29.4	00 21.30 +03 20.8 19.9	-0.92 - 5.6	0.4/29.7	31992
2000 YV ₅₀	2003 09 29.4	00 21.33 -08 29.1 19.3	-0.87 - 6.9	3.8/25.7	12262
2000 EH ₇₈	2003 09 29.4	00 21.37 -00 09.0 20.5	-0.72 - 4.3	0.6/28.6	27661
1999 TW ₂₄₂	2003 09 29.4	00 21.38 -08 19.5 18.5	-0.64 - 8.0	5.0/25.4	49722
2001 DS ₅₉	2003 09 29.4	00 21.41 -04 33.4 18.7	-0.89 - 0.9	1.9/27.5	50524
2001 GQ	2003 09 29.4	00 21.42 -15 53.5 18.1	-0.85 - 2.2	6.0/23.8	50532
4659 P-L	2003 09 29.4	00 21.45 +01 36.8 18.1	-0.68 - 8.4	0.2/29.2	50810
1999 TD ₁₂₂	2003 09 29.4	00 21.53 +03 29.8 17.5	-0.97 - 3.3	0.4/29.8	50426
2000 XO ₃₈	2003 09 29.4	00 21.55 +10 31.8 18.4	-1.23 + 2.1	2.9/01.3	50510
2001 DE ₃₃	2003 09 29.4	00 21.66 +00 07.9 19.8	-0.87 - 4.4	0.7/28.8	48011
2002 JQ ₁₆	2003 09 29.4	00 21.68 -08 05.2 17.8	-0.77 - 9.3	3.8/25.7	32016
1999 TR ₁₆₁	2003 09 29.4	00 21.69 -01 24.9 18.8	-0.84 - 6.2	1.3/28.2	50427
2002 EQ ₇₃	2003 09 29.4	00 21.71 +02 37.7 19.5	-1.00 - 4.1	0.1/29.6	30715
2001 FW ₁₇₅	2003 09 29.5	00 21.63 -12 33.6 19.3	-0.81 - 2.7	4.5/24.8	50532
2001 CN ₈	2003 09 29.5	00 21.63 -11 49.3 20.6	-0.70 - 5.6	3.4/24.5	35007
1999 JJ ₁₁	2003 09 29.5	00 21.64 +07 01.2 18.7	-0.93 - 6.2	2.2/01.0	50408

1999 US ₈	2003 09 29.5	00 21.66 -13 05.6 19.2	-0.99 - 1.6	5.2/25.0	13616	2001 BN ₁₅	2003 09 29.9	00 23.26 +06 04.6 19.7	-0.88 - 4.3	1.1/31.0	13805
2001 FD ₄₆	2003 09 29.5	00 21.74 +01 24.2 19.5	-0.82 - 7.1	0.3/29.2	50528	2002 JS ₁₁₂	2003 09 29.9	00 23.35 +04 34.2 20.1	-1.00 - 5.3	0.8/30.6	50610
2002 GQ ₇₀	2003 09 29.5	00 21.76 -07 38.7 19.0	-0.71 - 7.0	3.1/26.0	33982	1981 WL ₂	2003 09 29.9	00 23.36 -46 01.5 17.3	-2.26 +16.2	26.5/23.6	30240
2002 JM ₂₈	2003 09 29.5	00 21.79 -08 39.9 19.3	-0.98 - 4.1	4.1/26.2	33997	2001 FO ₉₆	2003 09 29.9	00 23.37 -11 00.2 20.5	-0.72 - 5.7	3.8/25.2	48023
2000 WW ₁₄₃	2003 09 29.5	00 21.82 -07 08.1 19.7	-0.87 - 4.8	2.8/26.5	12256	1999 XX ₁₀₃	2003 09 29.9	00 23.40 -10 42.6 18.7	-0.97 - 1.9	4.7/26.1	50444
2002 JH ₂₈	2003 09 29.5	00 21.82 -15 00.9 18.9	-0.95 - 1.9	5.9/24.5	31645	1999 TN ₁₃₃	2003 09 29.9	00 23.47 +04 00.5 19.3	-0.91 - 4.5	0.6/30.4	12954
2001 BM ₅₁	2003 09 29.5	00 21.85 +05 57.4 18.9	-0.87 - 6.6	1.6/30.7	50519	1998 TG ₂₈	2003 09 29.9	00 23.49 -05 32.2 18.7	-0.86 - 1.8	2.5/27.6	50396
2001 FO ₆₅	2003 09 29.5	00 21.87 -04 19.6 20.6	-0.78 - 4.9	1.9/27.3	33903	1996 PQ ₉	2003 09 29.9	00 23.53 +36 26.3 17.1	-1.59 +14.3	18.7/02.9	50375
2001 FN ₅	2003 09 29.5	00 21.87 +06 20.1 18.4	-1.11 + 1.0	1.3/30.5	50527	1999 VY ₆₀	2003 09 30.0	00 23.45 -16 09.4 18.6	-0.91 - 2.1	5.4/24.3	50435
2002 GF ₁₀₇	2003 09 29.5	00 21.89 -08 05.5 18.2	-0.87 - 7.4	4.4/26.0	50604	2001 EE ₆	2003 09 30.0	00 23.46 -03 17.8 20.3	-0.77 - 3.1	1.6/28.2	16092
1999 TU ₁₉₈	2003 09 29.5	00 21.89 +05 48.6 17.6	-0.87 - 0.8	1.8/30.5	49719	1999 TH ₁₉₇	2003 09 30.0	00 23.52 +00 58.3 18.1	-0.98 - 1.5	0.5/29.6	50428
2001 AC ₃₅	2003 09 29.5	00 21.90 +17 52.0 18.3	-0.99 - 3.0	5.2/04.4	11027	2001 DR ₉	2003 09 30.0	00 23.58 +05 45.8 17.9	-0.89 - 1.6	0.9/01.0	50523
2001 FQ ₈₂	2003 09 29.5	00 21.91 +08 53.4 19.8	-0.79 - 8.4	1.9/01.9	13324	2001 FD ₁₄₆	2003 09 30.0	00 23.59 +16 08.6 17.8	-0.89 - 3.5	4.7/04.4	50531
1981 ER ₃₃	2003 09 29.5	00 21.95 +05 19.7 19.9	-0.91 - 8.0	1.1/30.6	50366	1998 TE ₁₉	2003 09 30.0	00 23.60 -02 49.7 18.7	-0.90 - 1.1	1.9/28.5	50396
2000 AH ₂₃₀	2003 09 29.5	00 22.01 -07 15.6 19.7	-0.75 - 3.9	2.6/26.4	50455	2000 XH ₄₉	2003 09 30.0	00 23.68 +04 30.4 17.9	-1.01 - 3.0	0.7/30.6	50511
2000 WQ ₁₃₇	2003 09 29.5	00 22.03 -04 06.6 19.1	-0.96 - 4.8	2.3/27.6	11004	2002 CE ₂₂₁	2003 09 30.0	00 23.75 -02 10.4 18.8	-0.99 - 4.7	1.8/28.6	50594
2002 JZ ₁₂₉	2003 09 29.5	00 22.03 -07 01.0 18.2	-0.80 - 7.4	3.5/26.3	50611	2001 CG ₁₃	2003 09 30.0	00 23.75 -03 48.0 20.5	-0.81 - 4.7	1.9/28.0	48008
2002 LG ₁	2003 09 29.5	00 22.04 +11 03.6 18.5	-0.69 - 8.5	3.1/02.9	50612	1998 KE ₅₈	2003 09 30.1	00 23.82 -10 57.0 18.3	-0.75 - 8.2	5.3/25.2	50387
2001 CU ₄₉	2003 09 29.5	00 22.07 +08 22.2 19.8	-0.86 - 2.1	1.7/01.4	49899	1999 TH ₂₂₀	2003 09 30.1	00 23.83 +01 16.1 18.8	-1.09 0.0	0.5/29.8	50429
1999 RJ ₁₅₇	2003 09 29.6	00 22.02 -08 07.3 18.2	-0.79 - 8.5	4.4/25.8	50419	1992 EW ₄	2003 09 30.1	00 23.85 +05 05.0 21.6	-0.86 - 3.5	0.7/30.9	50367
2002 GK ₇	2003 09 29.6	00 22.04 -17 08.1 18.3	-1.10 + 1.9	8.4/24.8	31991	1999 TM ₁₆₄	2003 09 30.1	00 23.86 +13 33.8 18.8	-0.82 - 8.5	3.8/04.1	33831
1999 XL ₂₀₃	2003 09 29.6	00 22.06 -27 30.0 18.0	-0.82 - 2.0	8.6/19.5	50447	1999 TR ₁₃	2003 09 30.1	00 23.88 -01 06.6 17.3	-1.05 - 0.9	1.3/29.1	50423
1996 JQ ₆	2003 09 29.6	00 22.10 +09 15.2 19.8	-0.69 - 8.6	2.2/02.2	47703	2002 JS ₄₃	2003 09 30.1	00 23.88 +08 23.0 19.7	-0.94 - 6.0	2.0/02.0	31665
2000 YR ₃₉	2003 09 29.6	00 22.12 -08 31.4 18.8	-0.89 - 7.1	4.2/25.9	50512	1999 KC ₁₀	2003 09 30.1	00 23.99 -07 05.3 18.6	-1.07 - 2.8	4.1/27.5	50411
2001 FO ₃₄	2003 09 29.6	00 22.17 +05 43.0 19.2	-0.84 - 4.2	1.1/30.7	48019	2002 EZ ₈	2003 09 30.1	00 24.02 +17 17.3 17.9	-1.78 +11.1	8.4/01.9	30702
2000 BU ₁₈	2003 09 29.6	00 22.26 +02 51.2 20.5	-0.75 - 4.5	0.1/29.8	49785	2000 WG ₁₁₅	2003 09 30.1	00 24.02 +12 42.9 18.5	-1.03 - 4.6	4.2/03.2	9878
2001 AR ₄₄	2003 09 29.6	00 22.28 -01 45.2 17.1	-0.95 - 4.2	1.8/28.4	41677	2002 ED ₁₄₁	2003 09 30.1	00 24.05 -04 29.5 18.9	-0.92 - 5.5	3.2/27.9	50038
2001 BN ₄₇	2003 09 29.6	00 22.31 +01 58.7 19.7	-0.84 - 6.3	0.1/29.5	12277	2003 QM ₇₉	2003 09 30.1	00 24.06 +08 36.9 17.8	-1.03 - 0.5	3.1/01.8	50323
2001 HM ₂₉	2003 09 29.7	00 22.50 +19 43.0 19.3	-0.71 - 7.9	4.7/06.3	16095	2001 FE ₁₇₉	2003 09 30.1	00 24.09 -15 32.7 18.5	-0.81 - 3.5	5.7/24.2	50532
1999 RL ₈₁	2003 09 29.7	00 22.53 -00 07.2 18.4	-0.76 - 9.5	1.1/28.8	50416	1995 UN ₄₀	2003 09 30.1	00 24.13 +02 48.0 20.2	-0.95 - 3.4	0.1/30.2	14743
2002 LG ₂₅	2003 09 29.7	00 22.63 -08 56.4 19.3	-0.73 - 7.0	3.2/25.7	34014	1999 RQ ₁₆₀	2003 09 30.1	00 24.15 -02 11.4 17.6	-0.92 - 4.5	2.0/28.7	50419
2002 LD ₅₂	2003 09 29.7	00 22.63 -00 48.9 19.3	-0.80 - 6.8	1.1/28.6	34018	2001 FU ₁₄₇	2003 09 30.1	00 24.22 +16 31.8 19.4	-0.78 - 5.1	4.1/05.0	33906
2002 JY ₄	2003 09 29.7	00 22.74 -04 59.4 19.3	-1.03 - 0.7	2.8/27.8	50607	1998 HQ ₁₃₆	2003 09 30.1	00 24.23 -01 37.5 19.9	-0.98 - 4.1	1.5/28.9	32331
1999 VG ₅₈	2003 09 29.7	00 22.75 -15 08.4 18.5	-0.97 - 1.1	6.7/24.6	1525	1997 CM ₁	2003 09 30.2	00 24.21 +01 26.3 18.9	-0.88 - 4.1	0.4/29.8	47709
2002 JX ₁₈	2003 09 29.7	00 22.77 -00 30.4 19.5	-0.83 - 7.2	1.0/28.8	32016	4918 P-L	2003 09 30.2	00 24.21 -01 49.7 18.0	-0.76 -10.2	1.5/28.6	32042
2001 BX ₇₇	2003 09 29.7	00 22.77 -03 27.7 18.2	-0.70 - 7.5	1.7/27.7	50520	2212 P-L	2003 09 30.2	00 24.26 +03 31.5 18.1	-0.84 - 8.4	0.4/30.5	18099
2002 JY ₂₈	2003 09 29.8	00 22.73 +04 31.4 19.0	-0.87 - 8.2	0.8/30.5	32018	2000 YD ₁₁₀	2003 09 30.2	00 24.26 -01 14.7 19.8	-0.87 - 4.7	1.2/29.0	48001
1995 OA ₄	2003 09 29.8	00 22.77 +04 55.0 20.0	-0.92 - 5.4	0.8/30.6	50372	2000 YN ₄₅	2003 09 30.2	00 24.31 -18 26.0 19.7	-0.85 - 6.2	6.6/22.8	34986
2000 ES ₁₆₆	2003 09 29.8	00 22.81 -16 58.6 20.3	-0.73 - 5.3	5.3/22.8	47870	2001 AV ₄₄	2003 09 30.2	00 24.31 -08 12.5 19.4	-0.93 - 6.7	4.1/26.6	12271
2001 DJ ₁₅	2003 09 29.8	00 22.82 -16 04.4 19.7	-0.78 - 6.8	5.9/23.1	33897	1998 RC ₄₇	2003 09 30.2	00 24.44 +05 40.0 18.8	-0.68 -11.2	1.0/01.4	41542
1999 VY ₇₃	2003 09 29.8	00 22.82 +02 27.9 18.5	-0.79 - 8.3	0.0/29.8	50436	1998 HS ₆₉	2003 09 30.2	00 24.47 -01 29.0 18.0	-1.01 - 3.2	1.6/29.1	50385
1997 CV ₄	2003 09 29.8	00 22.88 +25 26.3 17.5	-1.12 + 2.0	10.7/05.9	50377	4818 P-L	2003 09 30.2	00 24.47 +03 27.2 18.7	-0.79 - 3.6	0.2/30.5	50810
1997 BA	2003 09 29.8	00 22.89 -16 34.5 19.5	-0.84 - 6.1	5.6/23.2	31808	2000 VX ₂₇	2003 09 30.2	00 24.53 +01 49.0 18.6	-0.92 - 8.7	0.3/30.0	50502
1999 VG ₁₉₈	2003 09 29.8	00 22.97 -16 21.9 19.4	-0.92 - 4.4	7.3/23.4	30336	2002 LE ₈	2003 09 30.2	00 24.55 -04 58.5 18.7	-0.79 - 6.1	2.7/27.7	50612
1997 SF ₃₂	2003 09 29.8	00 22.99 +04 10.4 19.4	-0.69 - 6.2	0.5/30.5	16764	2003 QD ₆₁	2003 09 30.2	00 24.59 -03 24.6 18.4	-0.81 - 5.9	2.5/28.3	50316
1998 WK ₂₅	2003 09 29.8	00 23.11 -06 06.4 20.4	-0.81 - 3.1	2.5/27.2	16874	2000 ES ₁₁₇	2003 09 30.3	00 24.54 +02 45.1 17.6	-0.92 - 0.3	0.0/30.3	2759
2002 JR ₁₂	2003 09 29.8	00 23.16 -07 22.1 19.3	-0.96 - 5.6	3.8/26.8	50607	1999 VT ₁₃₃	2003 09 30.3	00 24.55 +12 10.0 20.0	-0.80 - 7.7	2.8/03.7	13000
2000 WV ₈₈	2003 09 29.9	00 23.08 -06 42.3 18.7	-0.98 - 4.8	3.4/27.0	12255	1999 TB ₁₂₂	2003 09 30.3	00 24.55 +06 58.7 18.9	-0.88 - 5.5	1.6/01.7	50426
2002 JV ₆₉	2003 09 29.9	00 23.14 -12 00.6 20.8	-0.96 - 4.6	5.0/25.4	48235	2002 ES ₆₆	2003 09 30.3	00 24.58 +03 56.5 19.2	-0.94 - 6.2	10.3/21.0	50597
1999 XX ₂	2003 09 29.9	00 23.15 -10 08.2 19.2	-0.99 - 1.7	4.4/26.3	47827	1998 WP ₁₅	2003 09 30.3	00 24.61 -23 31.2 17.9	-0.81 - 2.2	7.5/21.5	50399
2002 GN ₂₁	2003 09 29.9	00 23.16 +00 29.4 19.7	-0.97 - 5.5	0.8/29.3	50602	1998 SG ₁₄₉	2003 09 30.3	00 24.69 +07 30.5 19.0	-0.98 - 1.7	1.8/01.7	50395

2003 OCT. 10

M.P.C. 49785

1999 TX ₂₂₇	2003 09 30.3	00 24.77 +12 01.2 18.6	-0.78	- 8.4	2.8/03.8	13615
1999 VW ₅₀	2003 09 30.3	00 24.88 -07 01.6 18.2	-0.90	- 3.0	3.3/27.4	50435
2002 FY ₅	2003 09 30.3	00 24.89 -16 36.7 19.1	-0.85	- 6.7	6.6/23.7	31986
1999 XG ₅₂	2003 09 30.3	00 24.92 +04 57.9 18.8	-0.84	- 5.0	0.9/01.1	49758
1998 WO ₂₅	2003 09 30.3	00 24.93 -06 42.3 18.6	-0.83	- 2.3	3.1/27.6	49661
2001 BX ₅₉	2003 09 30.3	00 24.94 -05 40.3 18.2	-0.68	- 6.7	2.2/27.4	50519
2001 FP ₉₆	2003 09 30.4	00 24.94 -12 18.0 18.0	-0.84	- 1.4	4.4/25.9	50530
1999 XT ₂₃₉	2003 09 30.4	00 24.94 +30 01.4 18.3	-0.65	- 0.9	14.3/11.2	49771
2002 GH ₂₃	2003 09 30.4	00 24.96 +00 19.0 18.6	-1.04	- 4.4	0.9/29.7	31993
2002 GT ₁₉	2003 09 30.4	00 24.99 +11 32.4 19.1	-0.89	- 7.7	3.1/03.5	31992
2001 CE ₃₄	2003 09 30.4	00 25.00 -37 11.3 18.7	-0.81	- 3.5	10.7/15.1	33896
1993 FA ₃₈	2003 09 30.4	00 25.06 -01 35.8 20.1	-0.95	- 2.3	1.4/29.2	47686
1997 FJ	2003 09 30.4	00 25.09 -20 16.5 18.7	-0.84	- 3.8	6.7/22.8	50378
2001 FO ₁₄₀	2003 09 30.4	00 25.11 -07 40.6 19.9	-0.83	- 5.7	3.6/27.0	13349
2000 AG ₇₉	2003 09 30.4	00 25.13 -02 03.6 18.7	-0.73	- 5.7	2.1/28.8	50452
2002 GR ₁₇	2003 09 30.4	00 25.14 -08 43.3 18.8	-1.00	- 1.8	3.9/27.3	33978
1999 VZ ₆₂	2003 09 30.4	00 25.16 -03 29.2 18.9	-0.91	- 3.8	2.7/28.5	1525
2000 YT ₁₂₅	2003 09 30.4	00 25.19 -21 04.3 19.0	-0.87	- 3.2	7.1/22.7	33891
2002 LJ ₄₅	2003 09 30.4	00 25.21 -04 36.0 20.2	-0.89	- 4.0	2.5/28.2	31786
1999 XH ₂₀	2003 09 30.4	00 25.23 -09 58.0 17.7	-0.90	- 3.3	4.2/26.6	50441
1994 SF ₁₁	2003 09 30.4	00 25.24 -01 17.7 18.3	-1.00	- 0.8	1.4/29.4	50371
2001 AB ₉	2003 09 30.4	00 25.25 +15 22.7 19.1	-0.91	- 6.7	5.0/04.8	17526
1999 TR ₁₄₀	2003 09 30.4	00 25.26 +05 25.0 19.3	-0.87	- 5.0	1.1/01.3	47807
2001 FV ₈₀	2003 09 30.4	00 25.29 +09 34.1 19.2	-0.86	- 4.6	2.0/02.7	13323
2000 EJ ₁₀₃	2003 09 30.4	00 25.30 -25 32.2 18.4	-0.90	- 1.6	8.1/20.9	50465
2000 AE ₁₆₁	2003 09 30.5	00 25.28 -07 57.4 19.9	-0.74	- 3.7	2.8/27.0	14390
2132 T-2	2003 09 30.5	00 25.36 +03 26.6 19.3	-0.70	- 8.8	0.2/30.8	50811
2000 LU ₂₃	2003 09 30.5	00 25.47 -46 26.3 19.9	-1.48	+ 2.2	20.5/14.1	22191
1999 RL ₁₆₄	2003 09 30.5	00 25.48 +02 38.4 18.0	-0.77	- 9.8	0.1/30.5	12935
1998 FK ₆₁	2003 09 30.5	00 25.54 +03 38.8 20.5	-0.91	- 5.9	8.8/21.0	47726
2002 HV ₂	2003 09 30.5	00 25.56 -04 37.4 18.3	-0.81	- 9.0	3.2/27.9	50606
2000 XM ₇	2003 09 30.5	00 25.56 +13 33.6 16.8	-1.05	- 1.4	5.4/03.6	50509
2001 FO ₅₈	2003 09 30.5	00 25.58 +22 27.6 19.4	-0.81	- 3.6	5.5/07.4	19927
1999 JF ₇₂	2003 09 30.5	00 25.68 -04 19.6 19.1	-0.98	- 7.3	2.8/28.3	50409
2002 LP ₅₀	2003 09 30.6	00 25.62 -14 04.7 18.9	-0.85	- 5.9	6.0/24.9	33628
2002 EL ₄₄	2003 09 30.6	00 25.63 +04 43.3 18.6	-0.99	- 3.9	0.7/01.2	50597
2002 EP ₇₄	2003 09 30.6	00 25.63 +03 09.1 19.8	-0.91	- 6.5	8.9/21.0	30022
2000 AH ₈₆	2003 09 30.6	00 25.63 +03 24.8 18.9	-0.71	- 4.7	0.2/30.8	50452
1999 RN ₇₄	2003 09 30.6	00 25.66 -05 40.6 18.5	-0.82	- 7.1	3.5/27.7	50416
2001 DA ₁₈	2003 09 30.6	00 25.67 -06 37.4 19.9	-0.88	- 3.5	3.0/27.7	16091
2000 WX ₄₉	2003 09 30.6	00 25.74 -44 23.6 18.3	-0.73	- 3.5	21.6/11.0	50505
2001 BB ₂₇	2003 09 30.6	00 25.76 -15 14.2 19.1	-0.80	- 6.3	5.4/24.3	33892
1999 RK ₁₆₆	2003 09 30.6	00 25.76 +02 25.9 17.7	-1.00	- 2.2	0.1/30.5	50419
1999 TG ₂₂₃	2003 09 30.6	00 25.76 -04 31.0 19.8	-0.99	- 1.3	2.5/28.6	47811
2001 AD ₃₅	2003 09 30.6	00 25.78 -07 37.6 18.5	-0.97	- 3.8	3.8/27.5	33892
2002 JA ₈₁	2003 09 30.6	00 25.78 +06 36.4 20.1	-0.84	- 6.5	1.3/01.9	30217
2000 DS ₆₄	2003 09 30.6	00 25.79 +04 47.7 18.3	-0.74	- 4.6	0.6/01.3	50462
1999 VX ₂₉	2003 09 30.6	00 25.81 +07 16.9 18.2	-0.82	- 5.8	1.9/02.1	49740
1997 AE ₅	2003 09 30.6	00 25.85 +26 38.5 17.3	-1.07	- 0.4	10.4/08.0	50377
1998 RL ₂₀	2003 09 30.6	00 25.88 -09 58.5 18.0	-0.81	- 5.2	4.4/26.4	50390
1996 XX ₂₂	2003 09 30.6	00 25.90 -03 03.0 18.9	-0.86	- 8.0	2.1/28.7	33760

1999 TJ ₁₄₃	2003 09 30.6	00 25.90 +02 14.2 18.4	-0.63	-12.0	0.3/30.4	49711
1999 TW ₂₇₂	2003 09 30.6	00 25.94 -01 16.1 18.6	-1.11	+ 1.1	1.7/29.7	50430
1999 UJ ₄₅	2003 09 30.7	00 26.06 +25 30.4 18.3	-0.80	- 8.5	9.0/09.7	49735
2000 YN ₃₄	2003 09 30.7	00 26.08 -05 20.2 19.3	-0.78	- 6.8	2.2/27.9	33337
1998 MD ₁₇	2003 09 30.7	00 26.09 +18 51.8 20.5	-0.94	- 3.6	5.2/05.8	12869
1999 TX ₃₁₁	2003 09 30.7	00 26.15 -08 21.9 19.1	-1.08	+ 1.9	4.9/28.1	33118
1999 XQ ₁₉₄	2003 09 30.7	00 26.18 -13 42.8 19.0	-0.82	- 2.7	4.9/25.5	50447
2001 BF ₇₈	2003 09 30.7	00 26.20 +06 25.9 18.5	-0.77	- 9.0	1.3/02.1	50520
2000 DC ₅₀	2003 09 30.7	00 26.24 -00 17.0 17.5	-0.73	- 4.9	1.2/29.7	50461
2002 CS ₁₁₅	2003 09 30.7	00 26.25 -10 51.3 19.7	-0.89	-15.0	4.8/25.5	30662
2002 EG ₇₉	2003 09 30.7	00 26.29 +08 53.7 18.1	-0.76	-12.8	2.2/03.2	50598
2002 EN ₇₂	2003 09 30.7	00 26.32 +05 38.7 19.3	-0.97	- 5.3	1.1/01.7	48220
1999 TM ₅₃	2003 09 30.7	00 26.33 -00 56.9 18.5	-1.09	- 0.2	1.4/29.8	50424
2000 CR ₅₄	2003 09 30.7	00 26.37 -07 35.7 20.0	-0.69	- 6.7	2.6/27.0	707
2001 BQ ₄₃	2003 09 30.7	00 26.39 +20 39.5 20.5	-0.92	- 4.5	5.5/06.6	12277
2002 JT ₁₂₀	2003 09 30.7	00 26.40 -16 03.1 18.6	-0.82	- 5.2	6.4/24.4	34005
1998 HR	2003 09 30.7	00 26.40 -05 54.2 19.2	-0.97	- 5.1	3.2/28.0	50384
2002 JM ₃₉	2003 09 30.7	00 26.42 -23 14.2 20.3	-0.97	- 1.9	9.0/22.7	50608
1996 PG ₈	2003 09 30.8	00 26.36 +09 12.8 18.2	-1.01	- 5.9	2.4/02.8	50375
1999 XG ₂₃₁	2003 09 30.8	00 26.43 -27 52.7 17.5	-0.88	- 1.6	9.3/20.1	50448
1998 UR ₇	2003 09 30.8	00 26.49 +09 13.2 17.7	-0.65	- 9.7	2.4/03.3	50396
2000 CY ₉₁	2003 09 30.8	00 26.50 +08 54.5 18.7	-0.88	- 2.4	1.9/02.6	15682
2000 YV ₁₃₃	2003 09 30.8	00 26.55 -11 06.6 16.7	-0.67	- 1.6	7.8/26.3	48003
2000 AE ₁₉₉	2003 09 30.8	00 26.64 -25 18.8 17.6	-0.89	- 4.8	10.6/20.2	50455
1998 RA ₃	2003 09 30.8	00 26.64 +02 21.0 18.9	-0.78	- 5.8	0.2/30.7	50389
2002 FW ₃₅	2003 09 30.8	00 26.68 -28 30.0 18.2	-0.75	-15.7	11.5/16.8	50045
2002 JO ₃₂	2003 09 30.8	00 26.74 -21 03.9 18.6	-0.99	- 0.6	8.7/23.9	31649
2002 JD ₁₂₂	2003 09 30.9	00 26.70 +22 54.4 18.0	-0.87	- 6.4	7.8/08.4	33580
2000 WO ₅₅	2003 09 30.9	00 26.71 -18 24.2 18.6	-0.89	- 4.8	6.8/23.7	12254
2001 FX ₇₇	2003 09 30.9	00 26.71 -00 19.6 19.2	-0.69	- 7.4	0.9/29.7	13836
1999 VK ₁₉₃	2003 09 30.9	00 26.71 -15 17.0 18.9	-0.94	- 2.1	6.5/25.4	2690
2002 LJ ₇	2003 09 30.9	00 26.72 +01 41.2 19.0	-0.81	- 6.9	0.4/30.5	31771
2002 JL ₄	2003 09 30.9	00 26.83 -27 00.0 19.1	-0.73	- 7.3	8.5/19.4	35576
2001 HR ₁	2003 09 30.9	00 26.88 +00 23.1 19.0	-0.82	- 4.2	0.8/30.1	50533
1999 TH ₅₅	2003 09 30.9	00 26.88 +01 36.9 19.6	-0.92	- 4.3	0.5/30.5	12948
2458 T-3	2003 09 30.9	00 26.99 +05 06.2 18.7	-0.81	- 3.6	0.7/01.7	11067
2002 HW ₁₆	2003 10 01.0	00 27.11 +11 29.6 18.1	-0.93	- 2.6	3.4/03.6	50606
1999 RW ₁₁	2003 10 01.0	00 27.13 +00 38.0 19.7	-0.90	- 6.7	0.9/30.3	50414
2002 LQ ₃₂	2003 10 01.0	00 27.15 +14 12.5 17.5	-0.62	-15.5	3.7/06.0	50094
1995 UN ₃₁	2003 10 01.0	00 27.18 -02 18.6 21.0	-0.96	- 3.0	1.8/29.5	4329
2000 AR ₁₀₂	2003 10 01.0	00 27.23 -20 20.0 18.9	-0.83	- 4.4	7.1/22.9	13646
2002 JU ₁₀₂	2003 10 01.0	00 27.25 -20 22.1 18.2	-0.89	- 1.6	7.9/23.9	31731
2003 ON ₃₁	2003 10 01.0	00 27.28 +09 13.9 17.4	-0.91	- 3.9	2.9/03.0	50274
2002 JX ₆₈	2003 10 01.0	00 27.29 -07 56.7 18.8	-0.89	- 7.8	4.2/27.4	50609
2002 CO ₁₁₂	2003 10 01.0	00 27.39 +01 00.6 19.5	-1.04	- 4.4	0.7/30.5	31968
2000 XT ₄₄	2003 10 01.0	00 27.44 -35 52.5 21.0	-1.09	- 0.3	9.9/18.3	9892
2002 FS ₂	2003 10 01.1	00 27.44 -05 13.9 18.8	-1.03	- 0.6	3.2/29.0	50600
1999 XG ₈₈	2003 10 01.1	00 27.45 +04 24.7 18.3	-0.79	- 5.4	0.5/01.6	47831
1998 FP ₅₃	2003 10 01.1	00 27.46 +05 01.3 18.3	-0.95	- 9.5	0.8/01.8	50383
6729 P-L	2003 10 01.1	00 27.51 +05 06.8 19.5	-0.91	- 1.0	0.6/01.7	13874
2002 JZ ₃₀	2003 10 01.1	00 27.52 -14 57.0 19.3	-0.98	- 2.2	6.1/25.9	32018

1999 UB ₅₁	2003 10 01.1	00 27.53 -25 48.9 18.2	-0.84 - 2.7	12.0/20.9	50433
1999 NL ₃₂	2003 10 01.1	00 27.53 -02 32.7 18.4	-0.95 - 6.4	2.0/29.4	50412
1998 FN ₇₁	2003 10 01.1	00 27.55 +00 24.9 19.2	-1.00 - 3.2	0.9/30.4	50383
1999 XU ₆₀	2003 10 01.1	00 27.65 +06 59.6 18.7	-0.79 - 6.6	1.5/02.5	50443
1999 XM ₁₈₉	2003 10 01.1	00 27.66 +06 35.6 18.3	-0.87 - 3.8	1.3/02.3	50446
1999 VR ₄	2003 10 01.1	00 27.69 -17 52.8 18.7	-0.96 - 2.3	7.9/24.5	13618
2001 CC ₃₉	2003 10 01.1	00 27.70 -08 08.7 17.5	-1.00 - 3.3	4.5/27.8	33896
1999 TB ₂₆₀	2003 10 01.1	00 27.70 -25 47.9 17.5	-0.87 + 5.2	15.1/23.6	49724
2002 ED ₉₉	2003 10 01.1	00 27.73 +05 28.1 18.8	-1.05 - 4.2	0.9/01.9	31981
1999 VK ₁₄₉	2003 10 01.1	00 27.74 +07 20.5 19.4	-0.79 - 7.3	1.5/02.7	47824
2002 EG ₇₁	2003 10 01.1	00 27.76 +07 45.9 18.3	-1.07 - 3.2	2.0/02.5	50027
2003 QC ₆₁	2003 10 01.1	00 27.81 -08 22.0 17.9	-0.78 - 5.2	4.5/27.4	50316
1996 XD ₂₄	2003 10 01.2	00 27.83 -01 55.7 18.9	-0.90 - 4.5	2.3/29.7	50377
2001 AN ₄₅	2003 10 01.2	00 27.88 -09 07.7 16.9	-1.03 - 1.6	5.6/27.8	50517
2002 FX ₃₁	2003 10 01.2	00 27.91 -01 46.2 17.8	-1.11 - 1.6	2.2/30.0	50044
1999 TC ₁₉₇	2003 10 01.2	00 27.98 -02 22.7 18.4	-0.91 - 3.1	1.9/29.6	50428
1999 YU ₁₃	2003 10 01.2	00 28.00 -02 59.4 18.5	-0.73 - 4.7	1.6/29.2	50449
1999 UR ₄₅	2003 10 01.2	00 28.02 +12 15.3 18.2	-0.80 - 2.0	4.7/04.1	49735
2000 GL ₁₆₇	2003 10 01.2	00 28.05 +20 43.6 18.2	-0.91 - 1.9	5.6/06.6	33874
1998 FY ₅₂	2003 10 01.2	00 28.07 +02 46.6 18.7	-1.05 - 3.8	0.1/01.2	50383
2002 EQ ₇	2003 10 01.2	00 28.11 +04 47.0 17.1	-1.94 +12.7	1.0/01.4	50014
2001 DD ₃₅	2003 10 01.2	00 28.11 +04 55.0 19.3	-0.90 - 6.3	0.7/01.9	50523
2000 YH ₇	2003 10 01.2	00 28.11 +10 43.2 18.7	-0.98 - 4.3	3.2/03.6	50511
2001 BM ₆₃	2003 10 01.2	00 28.14 -00 38.6 18.7	-0.85 - 8.3	1.3/30.0	14921
2000 YQ ₈₄	2003 10 01.2	00 28.15 +08 44.5 18.1	-0.93 - 7.1	2.4/03.2	50514
2000 CE ₅₇	2003 10 01.2	00 28.16 +10 19.3 19.1	-0.95 - 1.2	2.6/03.3	30350
1998 HW ₅₁	2003 10 01.2	00 28.20 -04 15.9 20.6	-0.96 - 4.6	2.4/29.0	47730
1998 DQ ₁	2003 10 01.2	00 28.21 -00 21.2 20.6	-0.95 - 6.5	1.2/30.2	47723
2002 GB ₈	2003 10 01.3	00 28.18 -04 06.7 20.2	-0.92 - 6.3	2.6/29.0	30127
2000 WG ₁₅₇	2003 10 01.3	00 28.18 -02 24.5 18.3	-0.98 - 3.6	2.0/29.7	50508
2000 XN ₁₁	2003 10 01.3	00 28.23 -25 23.7 18.8	-1.00 - 1.8	8.9/22.2	35537
2002 JP ₄₆	2003 10 01.3	00 28.24 +11 04.0 18.7	-0.89 - 5.3	2.7/04.0	33998
2002 JW ₄₉	2003 10 01.3	00 28.29 +05 21.5 20.9	-0.91 - 6.1	0.8/02.1	50609
1998 SJ ₁₀	2003 10 01.3	00 28.30 +03 39.1 18.5	-0.76 - 5.4	0.2/01.5	50392
2000 YS ₆₈	2003 10 01.3	00 28.32 -07 51.3 19.6	-0.77 - 5.9	3.1/27.6	12263
2002 FK ₂₂	2003 10 01.3	00 28.33 -15 40.0 19.3	-0.96 - 4.2	6.6/25.5	31486
2001 BY ₄₇	2003 10 01.3	00 28.35 +06 16.9 18.3	-0.97 - 4.9	1.3/02.3	12277
1999 TO ₁₇₃	2003 10 01.3	00 28.37 +08 22.1 19.4	-0.90 - 5.2	2.1/03.1	50427
2001 AU ₃₇	2003 10 01.3	00 28.45 -19 02.6 18.9	-0.93 - 3.2	7.2/24.2	13804
2002 FC ₂	2003 10 01.3	00 28.49 +01 50.6 20.0	-0.89 - 7.8	0.4/31.0	31986
2001 AT ₁₆	2003 10 01.3	00 28.53 +23 33.7 18.0	-1.05 - 3.0	8.4/07.6	12268
1999 UY ₅₂	2003 10 01.3	00 28.55 -25 08.9 18.0	-0.89 - 2.5	11.2/21.4	2679
2002 EF ₉₁	2003 10 01.3	00 28.55 -02 06.9 19.4	-0.95 - 6.6	1.9/29.7	30718
2001 FP ₆₂	2003 10 01.3	00 28.57 -02 10.6 18.2	-0.89 - 2.9	2.0/29.8	13312
2000 VL ₅₂	2003 10 01.3	00 28.60 +08 36.0 18.3	-1.02 - 4.3	2.7/03.1	50503
1999 CZ ₁	2003 10 01.3	00 28.64 +32 00.2 17.7	-1.48 + 1.7	13.2/08.8	50402
2002 FV ₁₆	2003 10 01.4	00 28.53 -04 09.2 18.4	-1.04 - 2.6	2.7/29.4	50043
1999 VH ₅₁	2003 10 01.4	00 28.63 +25 37.4 18.0	-0.62 - 9.2	10.3/11.2	675
1999 VN ₁₁₄	2003 10 01.4	00 28.64 +19 03.3 18.5	-0.91 - 4.7	6.3/06.8	50437
2000 XG ₂	2003 10 01.4	00 28.64 +10 52.2 18.6	-1.02 - 3.9	3.0/03.7	50509
2001 EU ₂₁	2003 10 01.4	00 28.75 +12 04.4 21.1	-0.77 - 4.9	2.3/04.5	48016

2001 FK ₇₉	2003 10 01.4	00 28.77 -02 34.0 20.1	-0.78 - 4.9	1.7/29.6	48022
1996 EB ₈	2003 10 01.4	00 28.77 +01 44.7 19.2	-0.77 - 5.1	0.4/01.0	50375
2002 LU ₁₅	2003 10 01.4	00 28.81 +02 18.6 19.3	-0.93 - 4.8	0.3/01.2	50612
2000 AY ₁₃₄	2003 10 01.4	00 28.81 +08 53.8 19.2	-0.77 - 3.7	1.5/03.3	35505
2002 JF ₉₄	2003 10 01.4	00 28.84 -05 21.5 19.1	-1.00 - 3.8	3.2/29.0	34002
2002 EW ₁	2003 10 01.4	00 28.85 +07 49.3 17.9	-1.44 + 2.5	2.0/02.4	50595
2002 FM ₃₄	2003 10 01.4	00 28.87 -05 44.4 17.6	-0.75 - 9.7	3.0/28.2	50601
2002 JR ₁₁₄	2003 10 01.5	00 28.87 -04 13.1 18.9	-0.85 - 8.5	2.6/28.9	31739
2002 JE ₆₉	2003 10 01.5	00 28.90 -13 45.4 19.8	-0.88 - 4.6	5.9/26.1	31700
2000 WP ₂₉	2003 10 01.5	00 28.92 +31 27.9 19.1	-0.95 - 9.5	9.0/12.8	33886
1999 TK ₁₃₉	2003 10 01.5	00 28.95 +06 16.9 18.9	-0.82 - 6.5	1.0/02.6	47807
2000 YM ₂₀	2003 10 01.5	00 28.96 +12 29.7 18.4	-0.97 - 6.3	4.1/04.5	50511
2002 ES ₉₇	2003 10 01.5	00 28.97 -03 45.5 19.3	-0.99 - 6.6	2.9/29.3	48222
2001 CZ ₄₃	2003 10 01.5	00 29.05 -19 06.3 19.7	-0.82 - 4.0	6.3/24.0	14923
1993 FM ₁₇	2003 10 01.5	00 29.06 -04 09.7 18.1	-0.85 - 5.8	2.4/29.1	11464
1999 TU ₃₀₄	2003 10 01.5	00 29.09 -06 51.1 19.8	-0.95 - 2.2	3.0/28.7	47814
2002 GM ₁₇₀	2003 10 01.5	00 29.10 +03 45.9 19.0	-0.88 - 4.1	0.2/01.7	50605
1999 VO ₉₆	2003 10 01.5	00 29.10 -01 16.3 19.3	-0.87 - 4.6	1.5/30.2	50437
1999 RN ₂₀₈	2003 10 01.5	00 29.11 +14 13.1 18.1	-0.80 - 8.0	4.7/05.5	40372
1999 VJ ₁₈₃	2003 10 01.5	00 29.15 -10 34.5 19.0	-1.05 - 2.2	5.1/27.5	1541
1999 NX ₃₄	2003 10 01.5	00 29.20 +05 21.8 19.0	-0.96 - 6.6	0.8/02.3	47785
2002 CJ ₁₆	2003 10 01.5	00 29.29 +05 07.7 18.2	-1.66 + 4.7	1.0/01.9	50590
2002 EZ ₁₁₄	2003 10 01.6	00 29.26 -09 34.1 18.3	-0.95 - 4.2	5.0/27.7	33972
2001 DF ₁₁	2003 10 01.6	00 29.39 +01 09.9 19.3	-0.95 - 5.2	0.8/31.0	14265
2002 LU ₂₉	2003 10 01.6	00 29.42 -13 56.6 19.8	-0.92 - 5.6	5.7/26.0	33611
2001 BA ₁₁	2003 10 01.6	00 29.50 +17 09.2 20.6	-0.82 - 9.2	4.5/06.8	50518
2000 AV ₉₀	2003 10 01.6	00 29.54 -13 29.5 19.0	-0.72 - 5.4	4.9/25.8	50452
2001 DZ ₇₁	2003 10 01.6	00 29.55 +10 18.2 19.8	-0.91 - 3.4	2.3/03.8	13816
1999 SE ₂₇	2003 10 01.6	00 29.56 +12 32.1 18.1	-0.86 - 7.1	3.6/04.9	50422
2001 FE ₁₅₇	2003 10 01.6	00 29.57 -06 59.3 19.2	-0.90 - 2.8	3.3/28.6	18315
1999 VL ₁₉₉	2003 10 01.6	00 29.62 -16 19.9 18.8	-0.90 - 3.6	6.1/25.4	50439
1999 XM ₃₉	2003 10 01.6	00 29.62 +11 15.4 18.6	-0.76 - 8.1	3.0/04.6	49756
1806 T-2	2003 10 01.6	00 29.62 +05 24.5 17.9	-0.89 - 4.7	1.0/02.4	50811
1999 VX ₉₁	2003 10 01.6	00 29.67 -03 36.5 18.6	-1.17 + 3.2	3.1/30.2	50436
2000 AY ₃₃	2003 10 01.7	00 29.72 +17 59.8 18.8	-0.80 - 3.2	3.9/06.6	35501
2001 FZ ₇₅	2003 10 01.7	00 29.72 -04 39.6 18.3	-0.69 - 7.1	2.4/28.9	50529
2001 DM ₁₀₁	2003 10 01.7	00 29.75 -22 13.3 18.4	-0.78 - 5.3	8.5/22.6	33899
1998 FD ₅₂	2003 10 01.7	00 29.76 +01 50.4 17.9	-1.03 - 3.8	0.5/01.3	50383
2002 KP ₄	2003 10 01.7	00 29.76 -07 24.7 21.6	-0.88 - 4.4	3.1/28.4	31758
2001 DA ₆₀	2003 10 01.7	00 29.77 +03 20.3 19.6	-0.86 - 6.4	0.0/01.8	50524
1998 XU ₂₅	2003 10 01.7	00 29.78 +02 04.2 19.2	-0.76 - 4.9	0.4/01.4	47760
2000 YH ₁₂₆	2003 10 01.7	00 29.80 -07 04.6 19.4	-0.94 - 3.1	3.4/28.7	12266
1998 HF ₁₄₉	2003 10 01.7	00 29.84 +18 20.8 19.2	-0.85 - 8.4	5.1/07.3	31816
2001 CK ₂₇	2003 10 01.7	00 29.86 -11 21.1 18.6	-0.91 - 4.3	5.0/27.1	50521
2002 EN ₈₈	2003 10 01.7	00 29.92 -01 36.3 18.9	-1.01 - 3.1	1.8/30.4	50598
2002 JJ ₄₉	2003 10 01.7	00 29.95 +19 49.3 18.6	-0.75 - 7.1	5.8/08.1	48234
2000 WO ₁₁₅	2003 10 01.7	00 30.03 +04 05.5 19.1	-1.00 - 4.9	0.3/02.1	33887
1999 UW ₂₆	2003 10 01.8	00 30.11 -02 07.5 18.5	-1.12 + 1.3	2.2/30.6	50432
2001 AW ₂₂	2003 10 01.8	00 30.11 -01 20.6 20.2	-1.01 - 4.9	1.8/30.4	9591
2002 JL ₁₁₀	2003 10 01.8	00 30.14 +11 53.3 18.8	-1.02 - 5.1	3.2/04.5	50610
1999 TL ₁₅₂	2003 10 01.8	00 30.18 +00 14.8 18.6	-0.80 - 5.7	1.3/30.8	50427

2003 OCT. 10

M.P.C. 49787

2002 JB ₉₅	2003 10 01.8	00 30.25 +01 03.1 20.0	-0.95	- 5.2	0.8/01.2	31725
2000 CK ₁₁₅	2003 10 01.8	00 30.29 +02 47.2 19.9	-0.70	- 4.7	0.1/01.7	33864
2002 BB ₃₀	2003 10 01.8	00 30.32 -20 06.5 19.8	-0.93	- 2.8	7.2/24.8	35150
1999 XB ₇₈	2003 10 01.8	00 30.38 +11 22.4 17.0	-0.82	- 5.9	3.5/04.6	50443
2002 JE ₄₅	2003 10 01.9	00 30.34 +06 39.5 19.6	-0.92	- 6.2	1.1/03.0	31667
2000 YV ₇₂	2003 10 01.9	00 30.39 +01 23.6 19.6	-0.91	- 6.4	0.7/01.3	11816
2001 BA ₂₄	2003 10 01.9	00 30.45 -02 47.8 20.0	-0.86	- 7.0	2.2/29.9	48006
2001 BA ₄₆	2003 10 01.9	00 30.46 +08 21.1 20.8	-0.80	- 7.2	1.5/03.7	48006
2002 FF ₂₂	2003 10 01.9	00 30.51 -15 56.2 18.9	-0.89	- 3.9	6.8/26.0	50044
2002 GX ₁₄₆	2003 10 01.9	00 30.52 -03 34.5 19.4	-0.97	- 5.4	2.6/29.8	35576
1067 T-2	2003 10 01.9	00 30.56 +06 23.1 18.4	-0.93	- 6.0	1.2/02.9	50810
2001 FW ₁₂₈	2003 10 01.9	00 30.61 -07 54.5 19.0	-0.82	- 7.5	3.9/28.0	50531
2000 YA ₁₁₃	2003 10 01.9	00 30.63 -02 46.3 18.3	-0.96	- 5.3	2.4/30.1	50515
2001 CZ ₃₉	2003 10 01.9	00 30.68 -10 55.8 19.3	-0.91	- 3.6	4.5/27.6	12291
2000 BE ₃₄	2003 10 01.9	00 30.72 -10 37.7 18.2	-0.71	- 6.4	4.5/27.0	13653
2001 FV ₅₇	2003 10 02.0	00 30.70 +11 48.0 19.7	-0.86	- 3.1	2.2/04.6	13832
1999 SB ₂₁	2003 10 02.0	00 30.71 +09 49.4 19.3	-1.04	- 2.5	2.3/03.9	25761
1999 RT ₁₃₆	2003 10 02.0	00 30.71 +04 44.1 18.9	-0.89	- 6.0	0.6/02.5	33821
2001 FD ₄₉	2003 10 02.0	00 30.75 +09 56.7 17.8	-0.84	- 2.6	1.9/04.1	50528
1999 RT ₁₂₅	2003 10 02.0	00 30.79 +12 36.3 17.8	-0.98	- 4.5	3.5/04.9	50418
1999 AT ₃₀	2003 10 02.0	00 30.84 -09 33.3 19.6	-0.66	- 5.5	3.4/27.4	50401
2002 GT ₁₃₅	2003 10 02.0	00 30.84 +03 42.9 20.5	-0.98	- 4.5	0.1/02.2	48230
2000 DX ₁₀	2003 10 02.0	00 30.89 +02 03.7 20.8	-0.75	- 5.0	0.4/01.6	2377
2001 FY ₄₄	2003 10 02.0	00 30.91 +01 26.4 20.7	-0.67	- 8.0	0.5/01.4	13830
2002 EO ₇₂	2003 10 02.0	00 30.91 +04 35.1 18.7	-0.91	- 7.2	0.5/02.5	31979
2001 FQ ₅₁	2003 10 02.0	00 30.96 +03 22.5 18.6	-0.65	-10.9	0.0/02.1	49912
2001 FB ₁₁₇	2003 10 02.0	00 30.96 +23 27.5 19.7	-0.99	- 3.0	7.3/08.4	17586
2002 EE ₁₀₂	2003 10 02.0	00 31.01 -17 25.1 19.7	-0.92	- 5.6	7.3/25.3	33971
2001 FM ₁₀₃	2003 10 02.0	00 31.02 +04 49.2 20.1	-0.75	- 5.2	0.4/02.6	48023
1999 TC ₃₇	2003 10 02.0	00 31.02 -14 32.2 18.5	-0.94	- 2.1	5.7/26.7	50424
1999 UT ₈	2003 10 02.0	00 31.03 +25 31.9 19.1	-0.82	- 9.0	6.4/10.5	50432
1999 TU ₂₁₃	2003 10 02.0	00 31.04 +01 30.2 18.6	-0.78	- 3.3	0.9/01.5	47810
2002 EE ₃₀	2003 10 02.0	00 31.09 +00 52.0 18.7	-1.05	- 3.9	0.9/01.4	29970
2002 JZ ₆₅	2003 10 02.0	00 31.10 -10 15.8 19.3	-0.99	- 4.1	4.8/27.9	34000
2000 YP ₉₀	2003 10 02.0	00 31.12 -06 32.8 17.9	-0.88	- 4.1	4.7/29.0	48001
2003 NE	2003 10 02.1	00 31.07 -19 42.7 17.3	-0.32	- 2.5	13.8/22.0	50770
2000 YD ₆₀	2003 10 02.1	00 31.08 +09 44.8 19.5	-0.87	- 6.0	2.0/04.2	47999
1999 VQ ₄₇	2003 10 02.1	00 31.12 +08 40.6 17.4	-0.99	- 1.8	2.1/03.6	50435
2000 YP ₆₃	2003 10 02.1	00 31.17 -01 41.5 18.9	-0.91	- 6.1	1.8/30.5	50513
2002 HT ₉	2003 10 02.1	00 31.22 +04 29.1 18.8	-0.84	- 8.8	0.4/02.5	50606
2002 HR ₅	2003 10 02.1	00 31.24 -03 02.7 19.2	-0.78	-10.1	2.0/29.8	32011
1999 RH ₁₁₈	2003 10 02.1	00 31.36 +02 50.7 18.5	-0.84	- 7.6	0.2/02.0	50417
2000 YM ₁₃₉	2003 10 02.1	00 31.44 +09 10.4 19.2	-0.87	- 5.7	1.8/04.1	33891
1999 YG ₆	2003 10 02.2	00 31.44 +52 59.5 18.5	-1.28	+ 2.2	18.7/21.7	2707
1999 VY ₁₆₇	2003 10 02.2	00 31.52 -13 20.2 19.8	-0.92	- 2.8	4.9/27.0	2688
1999 UP ₁₈	2003 10 02.2	00 31.54 -07 10.9 20.1	-1.00	- 1.9	3.7/29.2	12969
1999 VT ₁₂₅	2003 10 02.2	00 31.54 -07 39.0 19.5	-0.91	- 2.8	3.5/29.0	31877
2002 GD ₂₆	2003 10 02.2	00 31.76 +06 16.1 19.3	-1.00	- 6.3	1.1/03.2	30738
2002 CZ ₁₃	2003 10 02.2	00 31.77 +10 04.2 18.8	-1.09	- 3.6	2.8/04.2	49972
2001 BY ₆₃	2003 10 02.2	00 31.77 -08 48.8 18.7	-0.76	- 8.5	3.8/27.8	50520
3418 T-3	2003 10 02.2	00 31.83 +00 10.9 18.9	-0.76	- 4.9	1.0/01.2	13519

1993 FK ₈	2003 10 02.3	00 31.79 -01 29.6 20.7	-0.89	- 4.7	1.6/30.8	47686
1999 TX ₃₀₈	2003 10 02.3	00 31.89 +02 42.2 17.6	-0.88	- 5.2	0.3/02.1	50431
2000 SC ₂₇₈	2003 10 02.3	00 31.93 +01 16.6 18.5	-1.05	- 4.0	1.0/01.7	50495
2001 FW ₇	2003 10 02.3	00 31.96 +31 23.4 18.5	-0.98	- 4.5	9.1/12.0	50527
2002 GP ₃₄	2003 10 02.3	00 31.99 -01 20.7 16.5	-1.24	+ 4.2	2.5/01.4	50602
1999 RU ₅₅	2003 10 02.3	00 32.02 -20 36.8 19.0	-0.85	-10.1	8.4/23.3	50415
1999 JU ₆₄	2003 10 02.3	00 32.02 +09 04.8 19.0	-0.95	- 8.5	2.2/04.3	50409
1999 VZ ₇₉	2003 10 02.3	00 32.02 -06 58.6 19.0	-1.01	- 0.8	3.7/29.6	50436
2002 GO ₅₆	2003 10 02.3	00 32.07 +07 31.7 17.5	-1.05	- 1.9	1.8/03.5	50052
1998 FC ₁₁	2003 10 02.3	00 32.08 -14 18.9 19.8	-0.98	- 2.2	5.7/27.3	31811
2002 ES ₇	2003 10 02.3	00 32.09 +12 20.0 19.6	-1.11	- 4.0	3.6/05.0	30702
2001 DS ₄₈	2003 10 02.3	00 32.11 -11 52.8 19.0	-0.85	- 3.8	4.8/27.5	31400
1999 TE ₅₉	2003 10 02.3	00 32.15 +02 43.9 20.0	-0.80	- 6.7	0.2/02.1	47803
2000 WQ ₄₃	2003 10 02.3	00 32.22 -12 24.0 18.7	-1.01	- 2.8	5.7/27.9	50504
1998 TN ₁₂	2003 10 02.4	00 32.16 +04 14.3 19.5	-0.76	- 5.0	0.3/02.7	47751
2002 JO ₁₇	2003 10 02.4	00 32.16 +04 25.7 20.7	-0.92	- 5.7	0.3/02.7	32016
1999 WM ₁₇	2003 10 02.4	00 32.23 +16 39.5 17.9	-0.60	-12.8	5.9/08.0	40403
1999 XS ₂₂₀	2003 10 02.4	00 32.23 -22 50.5 18.6	-0.93	- 1.8	9.1/24.0	50447
2000 YN ₁₆	2003 10 02.4	00 32.27 +05 25.7 19.7	-0.94	- 5.0	0.7/03.0	9896
2001 DT ₁₀₀	2003 10 02.4	00 32.27 +24 07.2 19.8	-0.95	- 1.7	5.4/09.0	13818
1999 XY ₁₅₅	2003 10 02.4	00 32.30 +05 17.2 18.5	-0.78	- 6.7	0.6/03.1	50445
1997 NW ₂	2003 10 02.4	00 32.34 +15 44.7 19.6	-0.80	- 4.3	3.8/06.5	13553
1999 TP ₁₈₅	2003 10 02.4	00 32.44 +23 33.5 18.0	-1.15	- 0.8	8.5/08.5	50428
1999 VE ₁₆₅	2003 10 02.4	00 32.44 -12 07.2 20.2	-0.96	- 1.4	5.0/28.0	47824
1999 NQ ₇	2003 10 02.4	00 32.51 +15 42.4 18.0	-0.95	- 4.7	5.3/06.4	50412
1999 VE ₁₈₀	2003 10 02.4	00 32.52 -11 21.0 18.6	-0.93	- 3.1	6.0/27.8	50439
2001 DZ ₄₅	2003 10 02.4	00 32.56 -01 28.5 19.7	-0.86	- 5.7	1.7/30.9	11884
2002 JA ₆₉	2003 10 02.5	00 32.49 -19 11.2 18.4	-1.03	+ 0.1	8.7/26.4	32024
2001 KM ₅₆	2003 10 02.5	00 32.50 -27 09.5 19.6	-0.89	- 0.5	7.8/22.8	48034
1999 TY ₂₇	2003 10 02.5	00 32.51 +03 28.3 16.9	-0.84	- 2.5	0.0/02.5	49699
2002 JN ₁₂₂	2003 10 02.5	00 32.56 -30 10.1 18.1	-0.84	- 2.7	10.7/21.0	34006
2000 WK ₁₂₄	2003 10 02.5	00 32.58 -25 31.6 19.7	-1.26	+ 0.2	10.0/24.3	8553
1999 TL ₂₉₀	2003 10 02.5	00 32.59 +01 23.6 19.3	-0.82	- 7.5	0.8/01.8	50431
1999 LS ₃₃	2003 10 02.5	00 32.63 +06 35.7 19.1	-0.93	- 8.3	1.3/03.6	29045
2000 CC ₁₁₂	2003 10 02.5	00 32.66 +18 24.7 19.5	-0.76	- 5.8	4.5/07.8	33209
1992 QC	2003 10 02.5	00 32.67 -23 52.0 16.2	-1.78	+25.2	16.4/03.9	47685
1999 XR ₁₈₄	2003 10 02.5	00 32.69 -07 07.1 18.8	-0.93	- 2.7	3.9/29.3	17108
2000 YZ ₆₁	2003 10 02.5	00 32.74 +08 24.5 20.3	-0.87	- 5.2	1.4/04.1	47999
1998 XN ₂₈	2003 10 02.5	00 32.75 -08 37.6 16.9	-0.79	- 2.4	3.7/28.8	50400
1999 TC ₁₅₀	2003 10 02.5	00 32.82 -02 02.5 19.1	-0.85	- 6.9	1.9/30.7	47808
1999 XW ₁₈₂	2003 10 02.5	00 32.84 +07 29.3 17.5	-0.99	+ 1.4	1.9/03.6	50446
1998 BQ ₄₆	2003 10 02.5	00 32.85 +07 16.6 18.9	-0.98	- 5.3	1.4/03.7	30260
1999 TA ₉₅	2003 10 02.5	00 32.93 -10 49.2 17.8	-0.94	- 0.3	6.7/28.6	1482
1999 VG ₁₇₄	2003 10 02.6	00 32.92 -10 13.5 16.4	-1.00	+ 0.9	5.6/29.0	50438
2001 FR ₈₇	2003 10 02.6	00 33.00 -05 45.2 18.5	-0.84	- 4.1	3.3/29.7	13325
1999 XJ ₁₉	2003 10 02.6	00 33.06 -03 00.0 18.0	-0.76	- 3.2	3.3/30.6	50441
2001 BB ₅₁	2003 10 02.6	00 33.11 -28 45.0 18.7	-0.82	- 7.9	10.9/19.2	12278
2001 FH ₁₇	2003 10 02.6	00 33.15 +04 03.1 19.0	-0.81	- 4.7	0.2/02.8	50527
2002 AA ₁₈₀	2003 10 02.6	00 33.15 -42 49.5 19.6	-1.38	- 0.1	18.4/16.0	30627
2001 CT ₂₆	2003 10 02.6	00 33.24 +18 06.7 19.5	-0.95	- 2.9	4.7/07.2	17546
1999 GS ₆₀	2003 10 02.6	00 33.27 +03 44.6 18.9	-1.01	- 7.1	0.1/02.7	50407

2000 AU ₁₉₉	2003 10 02.6	00 33.28 -33 49.4 18.3	-0.97 - 1.9	11.5/19.0	13651
1999 TE ₁₉₂	2003 10 02.7	00 33.24 +09 41.3 17.9	-1.09 + 1.5	2.7/04.2	49717
2000 WK ₆₀	2003 10 02.7	00 33.34 +08 44.0 17.7	-0.90 - 8.4	2.3/04.5	9873
1999 UL ₅	2003 10 02.7	00 33.36 +56 06.1 18.2	-1.43 + 1.3	16.0/22.9	35485
1998 KR ₅₇	2003 10 02.7	00 33.38 -07 59.3 19.4	-0.87 - 5.6	4.1/29.0	50387
2002 GC ₁₄₇	2003 10 02.7	00 33.40 -04 35.2 17.8	-0.66 -13.3	3.4/29.5	50067
2002 GO ₁₅₄	2003 10 02.7	00 33.44 -05 34.3 19.2	-0.86 - 8.9	3.9/29.6	31603
2001 HD ₅₀	2003 10 02.7	00 33.44 -12 42.2 19.6	-0.73 - 4.5	4.6/27.2	13475
1999 UZ ₅₁	2003 10 02.7	00 33.46 -14 53.4 20.1	-0.93 - 2.1	5.8/27.2	11621
1999 TN ₉₄	2003 10 02.7	00 33.55 -04 03.6 18.2	-0.92 - 4.1	2.8/30.4	50424
2001 EQ ₁	2003 10 02.7	00 33.60 -25 15.2 18.1	-0.79 - 8.5	9.5/21.1	33379
2000 AU ₁₃₈	2003 10 02.7	00 33.65 -02 40.3 18.6	-0.84 - 7.0	2.3/30.7	50453
2001 FL ₆₃	2003 10 02.8	00 33.64 -01 24.3 19.7	-0.76 - 5.1	1.5/01.1	48021
1998 WV	2003 10 02.8	00 33.68 -13 25.5 18.5	-0.79 - 2.6	5.2/27.3	50398
2000 YA ₁	2003 10 02.8	00 33.69 +05 41.2 18.8	-0.93 - 6.1	0.7/03.5	9893
2001 CH ₉	2003 10 02.8	00 33.70 -01 57.6 21.1	-0.86 - 4.2	1.8/01.1	48008
2001 FJ ₄₀	2003 10 02.8	00 33.72 +05 35.4 17.4	-0.87 - 2.1	0.6/03.4	50528
1998 VE ₁₂	2003 10 02.8	00 33.79 -08 32.1 18.1	-0.70 - 4.4	5.2/28.7	46347
1999 VF ₅₂	2003 10 02.8	00 33.80 -14 36.3 19.1	-1.08 0.0	7.4/27.7	1524
1998 KS ₆₁	2003 10 02.8	00 33.82 +12 41.1 19.3	-0.82 - 8.8	2.8/06.1	47732
2000 YV ₃₅	2003 10 02.8	00 33.85 -06 12.5 18.6	-0.89 - 6.6	3.2/29.6	50512
2002 JP ₇₁	2003 10 02.8	00 33.85 -02 56.6 19.3	-0.92 - 8.0	2.3/30.7	48235
2002 AQ ₁₈₇	2003 10 02.8	00 33.88 -39 54.8 19.7	-1.11 - 6.6	18.1/16.0	30628
2001 FZ ₇	2003 10 02.8	00 33.98 -00 56.2 19.4	-0.78 - 9.2	1.5/01.2	48017
2000 AK ₆₀	2003 10 02.8	00 34.00 -15 17.0 18.1	-0.71 - 5.8	5.7/26.1	13105
2002 JK ₉₀	2003 10 02.8	00 34.01 +01 39.8 20.1	-0.96 - 5.1	0.7/02.3	48236
1999 XZ ₁₆₁	2003 10 02.9	00 33.95 -06 13.9 17.0	-1.03 + 0.4	4.1/30.3	50446
2000 AW ₇₆	2003 10 02.9	00 33.97 -01 06.6 17.8	-0.79 - 5.4	1.6/01.3	50452
2001 HK ₃₂	2003 10 02.9	00 33.98 +09 42.9 20.2	-0.79 - 7.4	1.9/05.0	16095
1998 FH ₂₀	2003 10 02.9	00 34.02 -09 37.5 20.3	-0.83 -10.8	4.1/28.0	31812
1998 HV ₉₀	2003 10 02.9	00 34.02 -07 45.1 18.8	-0.95 - 4.3	4.0/29.4	50385
1998 VD ₁₉	2003 10 02.9	00 34.04 -08 09.6 18.3	-0.85 - 1.8	4.2/29.4	31842
2000 CT ₂₅	2003 10 02.9	00 34.07 +08 42.0 19.4	-0.72 - 4.6	1.3/04.6	47849
2001 CX ₄₄	2003 10 02.9	00 34.07 -09 48.7 19.6	-0.97 - 2.6	4.5/28.9	15825
1999 VH ₁₂₂	2003 10 02.9	00 34.11 -04 43.0 19.2	-0.84 - 4.5	2.8/30.3	13624
2000 XN ₄₄	2003 10 02.9	00 34.18 -01 33.9 16.8	-1.00 - 2.4	2.7/01.5	50510
2000 YG ₁₄₀	2003 10 02.9	00 34.21 -21 13.2 18.6	-0.98 - 1.7	8.6/25.2	12267
2001 FJ ₄₄	2003 10 02.9	00 34.24 +15 03.0 18.4	-1.09 - 0.5	4.4/05.9	50528
1998 HG ₁₄₆	2003 10 02.9	00 34.35 -03 53.5 20.1	-0.90 - 4.9	2.6/30.6	30270
2000 GW ₅₉	2003 10 02.9	00 34.35 +01 14.6 17.6	-0.78 - 5.8	0.9/02.2	1273
1999 VV ₂₂₈	2003 10 02.9	00 34.35 +18 34.2 18.6	-0.95 - 3.5	5.7/07.7	17093
1998 WV ₂₂	2003 10 02.9	00 34.36 -11 27.6 19.0	-0.79 - 2.9	4.7/28.1	50399
2000 WP ₁₁₈	2003 10 02.9	00 34.37 -25 59.4 17.9	-1.05 + 2.3	13.4/25.3	50507
1999 LP ₉	2003 10 02.9	00 34.38 +00 55.3 19.2	-0.90 - 9.0	1.2/02.0	47783
1999 TO ₁₂₇	2003 10 03.0	00 34.35 +04 30.6 18.8	-0.72 -11.5	0.3/03.3	50426
1999 TU ₂₉₀	2003 10 03.0	00 34.39 -10 23.5 18.7	-0.81 - 4.8	4.0/28.3	33834
2000 YF ₁₀₅	2003 10 03.0	00 34.40 +12 53.9 18.1	-0.97 - 0.2	2.7/05.6	49874
2002 LP ₁₆	2003 10 03.0	00 34.44 +21 24.8 18.0	-0.78 - 6.5	5.9/09.6	41766
2002 CS ₂₄₁	2003 10 03.0	00 34.45 +11 34.1 18.7	-1.05 - 6.0	3.5/05.5	50594
2002 JZ ₅₀	2003 10 03.0	00 34.51 +04 34.2 20.2	-0.95 - 5.4	0.3/03.3	31676
2002 KD ₄	2003 10 03.0	00 34.52 +46 35.9 19.3	-1.13 - 2.0	11.8/20.0	34010

1998 WC ₂₈	2003 10 03.0	00 34.68 +00 28.2 18.2	-0.78 - 4.1	1.2/02.0	18182
2001 BD ₄₁	2003 10 03.0	00 34.68 -15 19.8 18.9	-0.72 - 6.1	5.0/26.4	33893
2003 PO ₉	2003 10 03.0	00 34.68 +12 50.3 17.4	-1.02 - 1.3	4.4/05.6	50287
1998 FJ ₃₀	2003 10 03.0	00 34.69 +06 07.7 19.9	-0.93 - 6.1	0.8/03.9	33765
2002 GF ₁₂	2003 10 03.0	00 34.70 -04 34.8 19.9	-0.91 - 4.8	2.9/30.5	31991
1998 KF ₁	2003 10 03.0	00 34.72 +04 59.8 18.9	-0.89 - 6.5	0.4/03.5	50386
2002 JF ₆₁	2003 10 03.0	00 34.72 -01 22.1 19.0	-0.97 - 5.8	1.9/01.5	33999
2001 AD ₄₇	2003 10 03.0	00 34.77 -34 12.5 19.6	-1.35 + 1.5	14.5/20.6	14418
2001 CO ₄	2003 10 03.1	00 34.66 +05 40.1 19.2	-1.00 - 4.0	0.7/03.7	12284
2002 GH ₁₁	2003 10 03.1	00 34.70 -07 40.9 19.8	-1.03 - 3.1	4.5/29.8	30131
1999 QM ₂	2003 10 03.1	00 34.71 +05 58.6 17.7	-0.98 - 3.5	0.9/03.8	50413
2002 BP ₉	2003 10 03.1	00 34.72 -01 18.2 20.6	-0.93 - 6.5	1.6/01.5	47161
2000 SK ₂₇₁	2003 10 03.1	00 34.75 -02 38.0 18.9	-1.01 - 6.1	2.5/01.1	31916
1999 VD ₁₇₆	2003 10 03.1	00 34.83 -32 09.2 19.7	-1.37 + 2.3	12.1/22.5	13006
1996 SA ₄	2003 10 03.1	00 34.89 +10 38.4 18.0	-1.08 + 0.1	3.5/04.9	50376
1998 SM ₅₇	2003 10 03.1	00 34.91 -01 21.7 18.0	-0.79 - 5.2	1.7/01.5	50392
1999 RQ ₁₃₃	2003 10 03.2	00 35.09 +13 35.9 18.5	-0.90 - 7.5	3.8/06.6	29082
1999 XJ ₁₀₆	2003 10 03.2	00 35.17 -14 08.8 19.4	-0.76 - 3.9	5.1/27.2	47831
2002 JH ₉₇	2003 10 03.2	00 35.29 -23 50.8 18.6	-0.91 - 1.0	10.4/24.8	33571
1998 SB ₁₀₂	2003 10 03.2	00 35.31 +03 03.1 18.6	-0.70 - 9.0	0.3/03.0	50394
1999 XW ₁₇₇	2003 10 03.2	00 35.32 -09 57.4 19.9	-0.75 - 3.9	3.8/28.7	13638
2002 ED ₉₇	2003 10 03.2	00 35.32 -02 52.1 20.3	-0.88 - 6.7	2.0/01.1	31981
2001 BR ₇₄	2003 10 03.2	00 35.36 +02 47.5 19.4	-0.88 - 4.9	0.3/03.0	10735
2001 EX ₁₃	2003 10 03.2	00 35.39 -06 42.3 20.0	-0.95 - 3.0	3.3/30.1	13271
1997 GH ₃₆	2003 10 03.2	00 35.42 -08 03.9 17.7	-0.96 - 1.9	3.9/29.9	50378
2000 QA ₃₄	2003 10 03.2	00 35.53 +37 42.5 19.4	-1.58 + 2.0	15.6/12.9	47912
2000 BY ₂₉	2003 10 03.3	00 35.46 -10 48.3 18.5	-0.75 - 5.1	4.4/28.3	50457
2000 DK ₄₅	2003 10 03.3	00 35.50 +02 22.1 18.3	-0.74 - 6.5	0.5/02.8	31323
2001 FV ₁₂₈	2003 10 03.3	00 35.53 +06 46.3 18.7	-1.19 + 2.0	1.1/04.0	17587
1999 YL ₄	2003 10 03.3	00 35.53 -01 18.8 18.7	-0.78 - 4.8	1.7/01.7	47837
1999 VD ₁₉₈	2003 10 03.3	00 35.54 +02 30.3 17.8	-0.55 -15.8	0.6/02.8	49751
1998 XW ₂₆	2003 10 03.3	00 35.57 -36 46.0 17.6	-1.54 + 4.8	17.7/23.1	30289
1999 TE ₂₉	2003 10 03.3	00 35.64 +06 11.2 18.7	-0.75 - 8.8	1.0/04.2	49700
1999 XT ₁₀₆	2003 10 03.3	00 35.67 +16 08.7 19.1	-0.82 - 7.3	3.8/07.7	47832
1996 VO ₁₅	2003 10 03.3	00 35.69 +03 30.8 19.4	-0.92 - 6.3	0.1/03.3	31808
2001 DO ₃₈	2003 10 03.3	00 35.77 -13 14.6 18.2	-0.79 - 8.6	5.6/27.1	33897
2001 ET ₁	2003 10 03.3	00 35.77 -14 18.0 20.8	-0.75 - 4.3	4.7/27.3	48014
2000 BL ₂₆	2003 10 03.4	00 35.75 +03 28.2 19.6	-0.71 - 4.5	0.1/03.3	50457
2001 HJ ₅₄	2003 10 03.4	00 35.78 +02 35.9 20.0	-0.69 - 5.7	0.3/03.0	17606
2002 HV ₁	2003 10 03.4	00 35.87 -04 44.5 17.4	-1.05 - 2.0	3.6/01.1	50070
2002 AV ₈	2003 10 03.4	00 36.16 +05 00.8 18.7	-1.06 - 4.4	0.5/03.8	35569
1999 EH ₈	2003 10 03.5	00 36.13 -10 20.2 19.9	-0.97 - 5.7	5.9/29.1	29027
2001 DV ₄₉	2003 10 03.5	00 36.13 +00 29.9 17.7	-1.02 - 2.1	1.5/02.6	50524
1999 XB ₂₃	2003 10 03.5	00 36.23 -18 23.0 18.2	-1.09 + 2.7	9.9/27.8	1548
2001 BN	2003 10 03.5	00 36.29 -09 00.7 19.9	-0.87 - 4.3	4.2/29.4	12272
1998 HL ₄₆	2003 10 03.5	00 36.31 +02 29.0 19.5	-0.90 - 6.6	0.5/03.1	47730
1999 TP ₂₀₉	2003 10 03.5	00 36.34 +24 43.0 19.7	-0.97 - 3.1	6.9/10.4	47810
2002 EN ₈₆	2003 10 03.5	00 36.37 -00 56.6 18.5	-1.00 - 4.4	1.8/02.1	31980
1999 VD ₁₉₁	2003 10 03.5	00 36.41 -06 21.3 19.2	-0.98 - 1.6	3.8/30.7	31879
2002 JH ₉₅	2003 10 03.5	00 36.46 +03 04.5 19.9	-0.93 - 4.8	0.3/03.3	31725
2002 JJ ₂₀	2003 10 03.5	00 36.46 -26 22.4 18.2	-0.90 + 1.1	11.4/24.8	32016

2003 OCT. 10

M.P.C. 49789

1999 XM ₆₇	2003 10 03.5	00 36.51 +22 37.2 17.5	-0.75 - 8.5	7.6/11.0	50443
1998 TX ₂₂	2003 10 03.5	00 36.55 -05 47.9 18.5	-0.85 - 2.2	3.1/30.7	50396
1997 CX ₂₁	2003 10 03.5	00 36.55 +11 21.9 18.7	-0.92 - 6.5	2.7/06.0	13550
1999 AB ₂₂	2003 10 03.5	00 36.57 +05 57.7 17.1	-1.81 +11.5	1.2/03.8	50401
1999 XP ₁₈₈	2003 10 03.6	00 36.48 +25 36.0 17.1	-0.92 - 3.6	8.2/10.8	40424
2000 RS ₁₀	2003 10 03.6	00 36.54 -10 27.7 17.8	-0.96 - 5.4	5.7/29.0	50485
2000 YH ₁₁₈	2003 10 03.6	00 36.55 +13 37.5 18.9	-0.88 - 3.9	3.0/06.7	50515
1996 AF ₁₈	2003 10 03.6	00 36.56 +06 45.1 18.4	-0.81 - 6.0	1.2/04.6	50375
2002 EV ₇₂	2003 10 03.6	00 36.65 +04 47.9 18.8	-0.93 - 7.1	0.3/03.9	48220
2000 AH ₁₁₆	2003 10 03.6	00 36.67 -12 23.7 20.0	-0.70 - 5.4	3.9/27.9	39574
1999 NP ₂₅	2003 10 03.6	00 36.72 +01 02.5 18.3	-0.96 - 4.0	1.3/02.8	50412
2000 DW ₆₁	2003 10 03.6	00 36.78 +00 07.4 18.2	-0.71 - 7.0	1.3/02.3	33215
2001 BT ₄₇	2003 10 03.6	00 36.82 +20 20.7 18.2	-0.95 - 2.6	5.2/08.7	12277
2001 CX	2003 10 03.6	00 36.84 +05 55.4 18.7	-0.94 - 4.8	0.7/04.3	13809
2001 FH ₁₁	2003 10 03.7	00 36.83 +00 00.8 19.3	-0.66 - 9.0	1.2/02.2	50527
1999 TD ₁₈₈	2003 10 03.7	00 36.83 +21 57.1 18.6	-0.94 - 4.2	5.8/09.6	41582
1998 UN ₁₁	2003 10 03.7	00 36.86 +04 56.1 19.5	-0.74 - 5.9	0.3/04.0	13583
2002 EY ₈	2003 10 03.7	00 36.89 +09 38.4 19.7	-1.07 - 4.8	2.2/05.4	30702
2002 JA ₂₂	2003 10 03.7	00 36.89 -01 12.1 19.2	-0.89 - 7.4	1.8/02.0	32017
2000 DF ₆	2003 10 03.7	00 36.95 +05 53.1 17.5	-0.84 - 2.5	0.6/04.3	50460
2001 FX ₆₅	2003 10 03.7	00 36.96 -00 15.5 19.8	-0.79 - 4.5	1.3/02.4	48021
2002 PN ₁₄	2003 10 03.7	00 36.96 +16 39.9 19.9	-0.74 - 4.8	3.4/08.1	35598
2002 JQ ₆₃	2003 10 03.7	00 36.99 +03 36.6 19.7	-0.92 - 6.6	0.1/03.6	31691
2002 GH ₆₈	2003 10 03.7	00 37.06 -08 39.9 19.2	-0.70 - 8.3	3.8/29.1	50603
1999 VB ₂₃	2003 10 03.7	00 37.10 +14 38.3 19.3	-0.83 - 7.2	3.5/07.5	47819
2002 JM ₁₂₁	2003 10 03.7	00 37.19 -09 08.0 19.3	-0.76 - 9.2	4.6/29.0	50611
2000 YB ₈₀	2003 10 03.7	00 37.24 +18 38.8 19.0	-0.98 - 5.7	6.5/08.5	18308
1999 VG ₈₉	2003 10 03.7	00 37.25 +16 33.8 18.3	-0.75 -10.0	4.8/08.6	33839
1999 SD ₂₂	2003 10 03.7	00 37.27 -03 05.7 18.4	-0.89 - 3.1	3.2/01.6	50422
2003 QZ ₇₇	2003 10 03.8	00 37.25 +11 17.2 17.4	-0.89 - 1.9	3.5/06.0	50322
2002 KB ₂	2003 10 03.8	00 37.27 -06 27.7 19.4	-0.89 - 3.8	3.8/30.6	32033
2001 BF ₅₉	2003 10 03.8	00 37.27 +21 30.0 20.0	-1.00 - 2.6	5.8/09.1	12279
2002 GN ₄	2003 10 03.8	00 37.27 +14 17.3 18.4	-0.82 -23.4	4.4/08.2	48226
2002 JW ₆₁	2003 10 03.8	00 37.30 -07 55.0 19.5	-0.97 - 5.4	4.3/30.1	32023
1999 RH ₈₁	2003 10 03.8	00 37.31 +04 00.7 18.2	-1.03 - 2.4	0.0/03.8	33819
1999 XR ₄₇	2003 10 03.8	00 37.34 -21 00.0 18.6	-1.03 - 0.7	10.1/25.9	40411
2002 GS ₈₈	2003 10 03.8	00 37.35 -14 53.3 20.9	-0.95 - 4.5	6.3/27.9	32002
1999 VL ₁₄₀	2003 10 03.8	00 37.38 +13 16.1 20.0	-0.80 - 7.8	2.8/07.1	47823
2000 DV ₆₆	2003 10 03.8	00 37.38 +04 24.8 18.1	-0.76 - 4.8	0.1/04.0	50462
2002 LQ	2003 10 03.8	00 37.39 +02 59.2 18.2	-0.64 -15.7	0.3/03.4	50092
1999 VW ₆₂	2003 10 03.8	00 37.39 -07 32.7 17.4	-0.95 - 0.9	5.3/30.5	38118
2002 JT ₈₃	2003 10 03.8	00 37.42 -07 56.1 18.8	-0.98 - 1.0	4.5/30.6	32027
1999 RY ₂₀₇	2003 10 03.8	00 37.42 +13 34.9 16.9	-0.53 -16.5	4.3/08.1	50420
2000 CF ₉₉	2003 10 03.8	00 37.48 +04 22.0 19.4	-0.77 - 4.8	0.1/04.0	40458
1997 GZ ₃₂	2003 10 03.8	00 37.49 +06 15.7 19.8	-0.82 - 5.2	0.7/04.6	9690
2000 YU ₉₅	2003 10 03.8	00 37.59 -13 00.5 18.2	-0.89 - 4.6	8.0/28.3	31380
2000 AO ₁₇₀	2003 10 03.8	00 37.61 -22 07.0 16.9	-0.73 - 5.8	10.9/23.6	50454
2002 DS ₂	2003 10 03.8	00 37.68 -41 45.3 19.2	-1.41 + 1.5	18.9/17.6	30697
1998 WJ ₁₄	2003 10 03.9	00 37.57 +04 02.1 18.7	-0.76 - 5.1	0.0/03.9	47757
1999 TD ₁₃	2003 10 03.9	00 37.58 +08 38.8 17.8	-0.59 - 9.4	2.3/05.7	40378
2000 YQ ₆₈	2003 10 03.9	00 37.60 +14 24.9 18.6	-0.87 - 4.2	3.2/07.2	48000

2001 FD ₁₇₆	2003 10 03.9	00 37.62 -13 27.1 18.8	-0.77 - 4.7	5.8/28.0	31946
1998 SD ₅₉	2003 10 03.9	00 37.71 +02 21.6 18.0	-0.76 - 5.8	0.6/03.4	50393
2002 JG ₁₂	2003 10 03.9	00 37.75 +03 32.8 20.6	-0.94 - 5.5	0.2/03.8	48232
1999 TM ₁₂₁	2003 10 03.9	00 37.78 -00 52.6 18.0	-0.85 - 6.4	1.8/02.3	33829
2002 JP ₁₁₄	2003 10 03.9	00 37.81 -19 26.1 18.0	-0.87 - 2.7	8.5/26.4	50611
2002 CQ ₁₁₀	2003 10 03.9	00 37.93 +02 09.2 19.9	-1.06 - 4.2	0.8/03.4	48204
1999 RV ₁₁₀	2003 10 03.9	00 38.00 +17 54.0 17.5	-1.10 - 0.5	5.3/07.8	50417
2002 JD ₃₈	2003 10 04.0	00 37.98 -06 42.2 19.1	-0.77 - 5.1	3.5/30.5	50077
2001 EP ₁₃	2003 10 04.0	00 38.03 -00 08.1 19.2	-0.78 - 5.4	1.4/02.6	48015
2001 BG ₉	2003 10 04.0	00 38.06 +04 05.9 19.0	-0.99 - 5.2	0.0/04.0	12273
2001 FF ₁₀₂	2003 10 04.0	00 38.06 +09 22.5 19.4	-0.85 - 7.5	1.8/05.8	12070
1999 XC ₁₅₂	2003 10 04.0	00 38.11 -06 42.5 20.5	-0.85 - 3.7	3.2/30.6	47833
2002 GO ₁₁	2003 10 04.0	00 38.11 -19 19.0 19.9	-0.93 - 2.6	7.6/26.9	33977
2001 DP ₇₉	2003 10 04.0	00 38.17 +23 57.0 19.1	-0.86 - 6.6	6.1/11.1	20837
2002 CY ₁₀	2003 10 04.0	00 38.17 -32 24.6 19.2	-1.14 - 0.8	11.5/22.8	33960
1999 TP ₂₅₄	2003 10 04.0	00 38.26 -19 55.1 18.5	-0.92 - 2.6	8.0/26.5	50430
1999 RT ₁₆₈	2003 10 04.0	00 38.30 +02 40.1 19.1	-0.89 - 6.6	0.5/03.6	31861
1998 VX ₅₁	2003 10 04.0	00 38.31 -23 58.8 18.3	-0.84 - 1.9	8.9/24.6	31844
1999 XM ₂₄₁	2003 10 04.0	00 38.31 -14 57.4 17.5	-0.84 - 4.0	7.0/27.8	49771
2000 AP ₁₈₈	2003 10 04.0	00 38.33 -07 49.9 18.5	-0.72 -10.8	4.8/29.4	49783
1995 BQ ₈	2003 10 04.0	00 38.34 -01 05.9 18.4	-0.77 - 4.8	1.7/02.4	50371
2000 WW ₅₅	2003 10 04.0	00 38.35 -01 57.0 19.6	-0.88 - 4.6	1.8/02.2	33886
2001 BO ₆₄	2003 10 04.0	00 38.37 +11 48.5 18.6	-0.91 - 3.7	2.6/06.5	50520
1991 TT ₆	2003 10 04.1	00 38.31 +07 59.7 18.3	-0.86 - 6.7	1.3/05.4	50367
1998 HV ₁₃	2003 10 04.1	00 38.32 +12 20.7 18.7	-0.92 - 7.5	3.1/06.9	50384
2002 GM ₁₆₃	2003 10 04.1	00 38.37 +00 02.6 20.2	-0.93 - 5.6	1.5/02.8	48231
2000 BB ₇	2003 10 04.1	00 38.46 -07 23.8 18.7	-0.87 - 1.2	3.3/30.8	50456
2001 FQ ₁₆₀	2003 10 04.1	00 38.46 -33 23.7 18.3	-0.85 - 1.7	10.6/20.3	14425
2002 FK ₄	2003 10 04.1	00 38.52 +00 18.3 19.3	-0.93 - 6.8	1.3/02.9	50600
1996 XC ₁₂	2003 10 04.1	00 38.55 +15 39.2 18.6	-0.95 - 4.1	4.9/07.7	35933
1999 VD ₁₈₆	2003 10 04.1	00 38.65 -01 03.9 18.8	-0.84 - 4.9	1.7/02.5	12200
2000 AY ₆₅	2003 10 04.1	00 38.69 -15 31.3 19.1	-0.76 - 4.7	5.9/27.3	50451
2002 FL ₂₆	2003 10 04.1	00 38.70 -06 07.0 19.2	-1.09 - 3.2	3.7/01.3	31989
2002 GG ₇	2003 10 04.1	00 38.73 -07 00.8 19.7	-1.02 - 2.4	4.4/01.1	30124
2001 CH ₃₀	2003 10 04.2	00 38.80 +00 15.4 20.5	-0.88 - 4.2	1.2/03.0	12289
2001 FY ₅₀	2003 10 04.2	00 38.81 +02 39.5 17.3	-0.91 - 0.4	0.4/03.8	50529
4863 P-L	2003 10 04.2	00 38.82 +02 34.3 18.6	-0.78 - 7.6	0.6/03.7	50810
2003 QE ₆₁	2003 10 04.2	00 38.83 -10 58.1 18.4	-0.60 -14.2	6.3/27.9	50316
2002 JM ₂₆	2003 10 04.2	00 38.87 -06 27.1 19.2	-0.87 - 4.9	3.5/30.9	32018
2000 CP ₅₀	2003 10 04.2	00 38.88 +04 38.3 20.4	-0.72 - 5.0	0.1/04.4	47850
2000 AZ ₈₆	2003 10 04.2	00 38.91 -08 22.4 19.1	-0.69 - 5.0	3.2/29.9	50452
2001 BW ₁	2003 10 04.2	00 38.92 +43 18.5 20.0	-1.07 - 2.6	9.4/18.5	12272
5114 T-2	2003 10 04.2	00 38.96 +17 51.8 19.5	-0.82 - 7.7	4.7/09.2	12344
2000 AU ₆₆	2003 10 04.2	00 38.97 +08 08.4 17.3	-0.87 - 1.9	1.3/05.4	50451
2000 CU ₅₆	2003 10 04.2	00 39.05 +25 46.2 17.2	-0.92 - 1.1	6.9/11.1	40452
2002 EF ₇₈	2003 10 04.2	00 39.06 +04 25.8 19.5	-0.87 - 9.1	0.1/04.4	31980
1999 XS ₂₆	2003 10 04.2	00 39.09 +08 37.1 18.3	-0.82 - 6.6	1.9/05.8	1548
2000 XX ₂₇	2003 10 04.3	00 39.05 +10 28.4 18.8	-1.10 - 2.4	2.4/06.0	50510
2000 XS ₃₀	2003 10 04.3	00 39.07 +11 34.7 18.6	-1.03 - 4.2	2.8/06.5	33331
2000 CU ₅₉	2003 10 04.3	00 39.10 -09 13.0 19.2	-0.70 - 7.2	4.0/29.4	2737
2003 QJ ₆₁	2003 10 04.3	00 39.13 -08 37.4 18.8	-0.76 - 6.3	5.8/29.9	50316

1999 RE ₁₈₁	2003 10 04.3	00 39.17 +04 00.4 17.8	-1.02 - 3.2	0.1/04.3	50419
2000 BB ₁₀	2003 10 04.3	00 39.26 +01 01.2 18.6	-0.73 - 5.1	1.1/03.3	16047
2002 EE ₇₉	2003 10 04.3	00 39.27 +09 30.6 19.3	-0.93 - 7.5	2.0/06.1	35574
2000 EM ₁₁₉	2003 10 04.3	00 39.28 +07 00.0 18.5	-0.86 - 1.5	0.8/05.2	731
2002 HG ₃	2003 10 04.3	00 39.29 -00 43.0 18.0	-1.01 - 1.8	2.2/03.0	50606
2001 AX ₄₆	2003 10 04.3	00 39.35 +03 56.6 18.1	-1.41 + 3.6	0.1/04.3	50517
2001 FG ₆₇	2003 10 04.3	00 39.36 -01 36.7 19.0	-0.85 - 6.1	2.0/02.4	48021
2001 BM ₆₄	2003 10 04.3	00 39.47 +34 00.4 19.9	-1.27 + 1.0	10.4/12.5	48007
1998 VV ₃	2003 10 04.4	00 39.42 +11 45.3 20.0	-0.71 - 5.9	2.0/07.0	47754
1999 RP	2003 10 04.4	00 39.46 -02 13.7 18.6	-0.90 - 3.5	2.9/02.5	35473
1998 FE ₂₆	2003 10 04.4	00 39.54 +01 54.2 20.2	-0.93 - 6.9	0.9/03.7	50382
2001 CL ₄₅	2003 10 04.4	00 39.56 -13 18.0 19.3	-0.99 - 1.6	5.9/29.3	13252
2002 GH ₈₇	2003 10 04.4	00 39.60 -04 22.4 18.7	-0.86 - 8.0	3.6/01.5	50604
2000 YD ₃₄	2003 10 04.4	00 39.60 -10 12.6 19.8	-0.95 - 8.4	5.2/29.4	12261
1981 ED ₁₀	2003 10 04.4	00 39.61 +07 28.3 20.4	-0.98 - 5.7	1.1/05.4	47680
2002 JE ₇₁	2003 10 04.4	00 39.72 +02 53.2 17.9	-0.74 -11.4	0.5/03.9	50082
1999 VZ ₃₂	2003 10 04.4	00 39.79 +12 08.2 19.3	-0.79 - 6.0	2.2/07.2	47819
1998 FT ₁₈	2003 10 04.4	00 39.80 +05 22.2 19.3	-0.90 - 7.0	0.4/04.9	31812
2001 FB ₆₉	2003 10 04.5	00 39.79 -00 28.1 19.3	-0.79 - 5.4	1.6/02.9	14422
2000 YM ₉₈	2003 10 04.5	00 39.85 +08 19.1 19.3	-0.84 - 5.1	1.2/05.8	31932
2001 FZ ₆₂	2003 10 04.5	00 39.88 -03 14.4 19.4	-0.70 - 7.9	2.3/01.8	49912
2002 CS ₁₅₂	2003 10 04.5	00 40.01 -04 19.5 18.0	-0.99 - 6.7	3.8/01.9	50593
2002 GK ₇₅	2003 10 04.5	00 40.01 -16 52.1 17.8	-0.76 - 8.1	7.4/26.8	32000
2001 FR ₁₃₆	2003 10 04.5	00 40.07 -12 33.7 21.6	-0.73 - 3.9	4.1/28.9	18314
2001 BB ₄₄	2003 10 04.5	00 40.12 -04 57.9 19.2	-0.86 - 6.1	3.0/01.5	13807
1999 XZ ₁₈₈	2003 10 04.5	00 40.16 +09 18.1 19.0	-0.91 - 2.8	1.6/06.0	33850
1998 RU ₇₁	2003 10 04.6	00 40.12 +01 57.4 18.2	-0.82 - 4.1	0.8/03.9	47742
2000 XA ₂₆	2003 10 04.6	00 40.16 +08 28.0 17.2	-1.10 - 1.3	2.0/05.7	49857
2003 QN ₆₁	2003 10 04.6	00 40.27 +03 05.7 18.5	-1.00 - 0.3	0.6/04.3	50317
2002 GT ₈₇	2003 10 04.6	00 40.39 -03 08.4 19.9	-0.86 - 7.7	2.8/02.1	48229
1999 VU ₄₅	2003 10 04.6	00 40.43 +12 31.4 18.7	-0.91 - 4.6	3.3/07.3	50434
1990 ST ₁₄	2003 10 04.6	00 40.44 -05 12.1 17.3	-0.90 - 1.5	4.3/01.9	50367
2002 FD ₃₃	2003 10 04.6	00 40.50 -06 22.7 18.8	-0.96 - 3.5	4.0/01.6	50601
2002 FR ₂₂	2003 10 04.7	00 40.48 -08 05.2 18.7	-0.81 - 7.2	3.7/30.4	31988
2002 JL ₈	2003 10 04.7	00 40.50 -08 44.2 18.5	-0.89 - 6.0	5.2/30.4	32014
2000 VY ₃₃	2003 10 04.7	00 40.51 -08 19.1 18.3	-1.00 - 4.3	4.7/30.9	33885
2001 DF ₆₇	2003 10 04.7	00 40.54 +14 20.1 19.1	-0.97 - 3.1	3.6/07.7	11895
2000 DQ ₁₈	2003 10 04.7	00 40.55 +00 37.3 20.9	-0.70 - 5.5	0.9/03.4	47855
2002 HK ₁	2003 10 04.7	00 40.56 -07 24.6 19.2	-0.92 - 5.2	4.4/01.0	35576
1999 TX ₁₁	2003 10 04.7	00 40.59 +02 29.0 19.0	-0.99 - 2.0	0.6/04.2	50423
2002 JK ₆₇	2003 10 04.7	00 40.63 -02 59.8 19.2	-0.83 - 6.0	2.2/02.3	34000
2002 JM ₅	2003 10 04.7	00 40.64 -11 25.9 20.8	-0.85 - 4.2	4.6/29.7	33996
2001 DZ ₉₉	2003 10 04.7	00 40.65 -02 15.2 19.2	-0.76 - 8.6	2.1/02.4	50525
1999 TE ₉₂	2003 10 04.7	00 40.70 -05 52.7 18.9	-0.60 - 7.8	5.1/30.9	49703
1999 XX ₁₀₈	2003 10 04.7	00 40.76 +13 22.1 19.1	-0.78 - 8.9	3.1/08.0	34832
2002 JL ₅	2003 10 04.7	00 40.82 -02 21.7 19.8	-0.94 - 3.9	2.2/02.8	32014
2000 YY ₉₇	2003 10 04.7	00 40.82 +05 42.4 18.2	-0.96 - 5.8	0.6/05.2	50514
2002 EL ₆₈	2003 10 04.7	00 40.87 +03 01.8 18.6	-0.91 - 7.7	0.5/04.3	48220
2000 YV ₆₃	2003 10 04.7	00 40.89 -05 36.3 18.4	-0.87 - 7.2	4.0/01.4	50513
2002 CA ₁₅₃	2003 10 04.8	00 40.90 +09 24.4 18.1	-1.68 + 5.1	2.4/05.6	30671
2000 WN ₅₄	2003 10 04.8	00 40.92 -02 15.9 18.4	-0.96 - 5.1	2.5/02.8	50505

2437 T-3	2003 10 04.8	00 40.93 +08 40.8 19.0	-0.90 - 4.4	1.4/06.0	13877
2001 DN ₅₁	2003 10 04.8	00 40.95 -11 40.6 20.9	-0.82 - 4.5	4.4/29.5	12300
2000 UN ₅₆	2003 10 04.8	00 40.98 +02 21.6 17.8	-0.90 - 8.9	0.9/04.1	50499
2000 YP ₄₁	2003 10 04.8	00 40.99 -01 22.2 19.5	-0.98 - 6.1	2.5/03.0	23616
1999 XC ₈₈	2003 10 04.8	00 41.01 +18 17.5 16.4	-0.72 - 6.7	6.2/09.9	34829
2000 AR ₁₁₅	2003 10 04.8	00 41.03 +31 54.0 19.4	-0.81 - 4.4	7.1/15.2	50453
2000 WN ₆₁	2003 10 04.8	00 41.08 -06 24.2 18.6	-0.95 - 5.8	4.8/01.4	50505
1999 LM ₂₅	2003 10 04.8	00 41.09 +00 15.2 18.3	-0.94 - 7.3	1.7/03.5	50411
2001 DT ₂₇	2003 10 04.8	00 41.13 -12 04.5 20.9	-0.79 - 7.0	4.7/29.0	12296
2000 AP ₁₄₃	2003 10 04.8	00 41.15 +34 57.1 19.4	-0.91 - 2.7	9.3/15.8	34866
1999 TN ₁₀	2003 10 04.8	00 41.16 +06 52.4 17.5	-0.74 - 9.2	1.1/06.0	40378
2000 WY ₁₅₅	2003 10 04.8	00 41.20 +17 41.1 18.6	-1.04 - 5.0	5.2/09.0	50508
1999 UK	2003 10 04.8	00 41.20 +06 44.3 17.8	-0.84 - 5.6	1.0/05.6	50431
1999 XK ₂	2003 10 04.8	00 41.25 +00 50.5 19.5	-0.71 - 4.6	0.9/03.7	35491
2001 HR ₆₀	2003 10 04.9	00 41.19 -34 10.2 18.5	-0.85 - 1.3	10.7/20.5	14436
2001 FE ₁₀₂	2003 10 04.9	00 41.20 +20 02.5 18.6	-0.87 - 3.0	4.5/09.9	50530
2002 EH ₇₃	2003 10 04.9	00 41.21 +07 38.4 19.3	-0.95 - 6.3	1.1/06.0	31979
1999 XE ₂₅₆	2003 10 04.9	00 41.22 +05 29.9 18.8	-0.77 - 7.3	0.4/05.3	12222
2000 YY ₄₇	2003 10 04.9	00 41.23 +17 20.6 18.5	-0.89 - 6.2	4.4/09.3	31930
2002 GZ ₁₄₃	2003 10 04.9	00 41.28 +01 38.0 19.5	-0.92 - 8.5	1.1/04.0	31597
2000 WT ₅	2003 10 04.9	00 41.31 +14 56.3 17.7	-1.04 - 3.3	5.0/08.0	50503
2002 GX ₄₄	2003 10 04.9	00 41.34 +09 58.2 18.0	-0.80 -10.8	2.6/07.0	31518
2002 JT ₂₅	2003 10 04.9	00 41.43 +00 38.4 20.3	-0.85 - 6.1	1.2/03.7	32018
2002 JB ₃₅	2003 10 04.9	00 41.47 -04 19.3 19.8	-0.99 - 5.8	3.3/02.2	33997
1999 TU ₂₂	2003 10 04.9	00 41.51 +00 42.4 18.7	-0.79 - 6.7	1.6/03.7	1117
2002 JT ₂₆	2003 10 04.9	00 41.52 -06 17.6 19.5	-0.95 - 5.9	3.9/01.6	32018
2000 BL ₆	2003 10 04.9	00 41.61 +63 07.9 19.4	-1.65 + 6.4	22.8/26.0	2334
1998 KE ₉	2003 10 04.9	00 41.61 -03 22.3 18.7	-0.79 - 9.8	2.7/02.2	50386
1998 NP	2003 10 04.9	00 41.61 +25 50.6 19.2	-0.95 - 4.6	7.0/12.3	33769
1999 KH ₁₀	2003 10 04.9	00 41.64 -08 36.9 18.1	-0.94 - 3.4	6.2/01.1	50411
2002 JV ₁₁₃	2003 10 05.0	00 41.64 +09 54.8 20.2	-1.01 - 4.7	1.9/06.7	33575
1999 XH ₁₀₁	2003 10 05.0	00 41.71 -12 49.3 17.0	-0.78 - 3.4	5.2/29.4	50444
2001 FU ₄₂	2003 10 05.0	00 41.74 +02 09.8 19.3	-0.75 - 4.5	0.6/04.3	38294
1999 XS ₁₃₄	2003 10 05.0	00 41.80 -22 50.6 18.3	-0.85 - 4.6	11.0/24.7	18220
1999 XB ₅₆	2003 10 05.0	00 41.83 -05 04.5 18.3	-0.85 - 3.9	3.3/02.1	10936
1999 RW ₁₁₁	2003 10 05.0	00 41.85 +14 23.9 18.5	-0.93 - 8.6	3.4/08.5	50417
1995 DN ₇	2003 10 05.0	00 41.90 +05 15.1 18.7	-0.78 - 3.3	0.2/05.3	50372
2001 BG ₈₂	2003 10 05.0	00 42.00 +17 46.6 19.3	-1.06 - 1.2	4.7/08.8	50520
1999 XJ ₂₅₂	2003 10 05.1	00 42.01 +01 03.6 20.4	-0.73 - 4.7	0.9/04.0	33851
1999 TV ₂₁₉	2003 10 05.1	00 42.01 +07 16.6 18.7	-0.96 - 3.0	0.9/06.0	47811
2002 MH ₂	2003 10 05.1	00 42.02 +15 46.3 18.5	-0.65 - 4.5	3.2/09.1	48240
2002 GQ ₁₁	2003 10 05.1	00 42.05 -08 15.4 19.4	-0.80 - 7.0	4.4/30.7	50601
2002 EW ₇₄	2003 10 05.1	00 42.05 +06 11.1 19.2	-0.95 - 6.8	0.6/05.7	35574
1999 UQ ₃₆	2003 10 05.1	00 42.08 +08 13.0 19.4	-0.94 - 5.1	1.3/06.3	12184
4783 P-L	2003 10 05.1	00 42.13 +04 53.5 18.8	-0.88 - 6.1	0.1/05.3	48387
2003 QS ₇₇	2003 10 05.1	00 42.15 +20 16.6 17.6	-1.14 + 2.5	5.3/08.8	50322
2002 JH ₆₂	2003 10 05.1	00 42.19 -06 46.6 19.6	-0.98 - 5.1	4.2/01.7	32023
1999 KN ₁₇	2003 10 05.1	00 42.22 -10 15.9 17.8	-0.98 - 2.6	7.1/30.9	50411
2001 FH ₉₇	2003 10 05.1	00 42.23 -06 44.3 19.0	-0.78 - 4.8	3.5/01.4	13331
1998 RD ₁₃	2003 10 05.1	00 42.24 +03 56.0 17.9	-0.77 - 5.6	0.2/05.0	50390
2001 BW ₇₂	2003 10 05.1	00 42.25 +05 27.3 18.7	-0.77 -10.3	0.3/05.5	10732

2003 OCT. 10

M.P.C. 49791

2000 DY ₃	2003 10 05.1	00 42.29 +11 11.0	17.7	-0.84	- 2.0	1.9/07.2	50460
2001 CD ₄₂	2003 10 05.1	00 42.29 -06 08.8	17.3	-0.94	- 0.1	3.5/02.4	50522
2001 FA ₈₈	2003 10 05.1	00 42.31 -06 13.2	18.5	-0.85	- 2.0	3.3/02.0	50530
1999 VS ₁₅₆	2003 10 05.1	00 42.32 +03 57.0	19.1	-0.85	- 4.6	0.2/05.0	47824
2000 UY ₇₈	2003 10 05.1	00 42.36 -03 18.5	18.5	-1.08	- 3.2	3.2/03.0	31345
2001 FX ₁₆₃	2003 10 05.1	00 42.37 +17 08.3	19.4	-1.15	0.0	5.2/08.3	50532
1999 RP ₅₈	2003 10 05.2	00 42.28 +13 14.2	19.0	-0.99	- 4.7	3.3/07.9	50415
2001 AC ₁₃	2003 10 05.2	00 42.31 +13 06.2	18.8	-0.95	- 6.8	3.3/08.0	12268
1997 GR ₉	2003 10 05.2	00 42.33 +06 33.1	20.2	-0.90	- 3.4	0.6/05.8	13551
2000 VU ₄₅	2003 10 05.2	00 42.37 -04 17.8	20.2	-1.03	- 4.5	3.4/02.6	47986
2002 GA ₈₄	2003 10 05.2	00 42.40 -00 20.2	19.4	-0.90	- 7.6	1.7/03.6	32001
2002 EW ₃₀	2003 10 05.2	00 42.42 -01 27.6	19.3	-0.96	- 6.2	2.2/03.3	29973
2000 YV ₁₃₁	2003 10 05.2	00 42.42 -19 10.2	19.6	-0.82	- 5.5	7.4/26.9	48003
2001 CA ₄₀	2003 10 05.2	00 42.43 -25 29.7	18.1	-0.90	- 2.8	11.4/24.9	33896
2000 AX ₂₃₅	2003 10 05.2	00 42.47 -14 16.0	18.9	-0.75	- 5.6	5.8/28.6	50455
1999 XN ₃₄	2003 10 05.2	00 42.47 +31 47.8	18.8	-0.81	- 3.4	6.1/14.8	38225
2002 ER ₇₄	2003 10 05.2	00 42.47 +05 26.8	18.5	-0.99	- 5.3	0.3/05.5	50597
1998 DH ₁₂	2003 10 05.2	00 42.47 -01 15.6	20.8	-0.91	- 5.6	2.1/03.4	47723
2001 BF ₃₃	2003 10 05.2	00 42.52 +04 14.2	17.6	-0.94	- 5.6	0.1/05.1	12276
2001 AY ₃₄	2003 10 05.2	00 42.53 -18 06.7	18.8	-0.84	- 6.5	7.3/27.1	49882
2001 FK ₆₄	2003 10 05.2	00 42.56 -07 05.6	17.9	-0.65	-12.4	3.6/30.6	50529
2001 DJ ₁₃	2003 10 05.2	00 42.56 -17 45.2	18.5	-0.69	- 8.5	5.9/26.7	33897
2002 GD ₈₉	2003 10 05.2	00 42.58 -15 45.9	21.1	-0.91	- 4.0	6.4/28.9	48229
4809 P-L	2003 10 05.2	00 42.63 +00 59.3	18.8	-0.95	- 3.9	1.7/04.2	8592
1999 JN ₁₀₂	2003 10 05.2	00 42.70 -06 19.7	19.9	-1.04	- 4.7	4.2/02.1	33812
1999 XO ₂₂₀	2003 10 05.2	00 42.71 -20 37.5	17.5	-0.93	- 2.9	9.5/26.8	13639
2001 FR ₃	2003 10 05.3	00 42.65 +10 59.2	19.0	-0.78	- 4.7	1.8/07.4	35544
2001 FV ₈₁	2003 10 05.3	00 42.70 +22 16.6	18.1	-1.03	- 1.3	6.2/10.4	50530
2001 FM ₃₇	2003 10 05.3	00 42.75 +11 15.4	18.2	-1.11	+ 0.2	2.7/07.0	13828
2002 DV ₁	2003 10 05.3	00 42.76 -39 42.5	19.2	-1.14	- 5.1	18.2/16.2	38333
2002 JM ₆₇	2003 10 05.3	00 42.77 +14 14.3	18.6	-0.70	- 9.1	2.8/09.0	50609
2002 EW ₇	2003 10 05.3	00 42.83 -09 30.5	18.0	-0.79	-16.2	5.0/29.7	50596
2002 JU ₄₂	2003 10 05.3	00 42.85 -06 56.6	18.8	-0.91	- 6.0	4.2/01.6	31665
2000 WB ₅₅	2003 10 05.3	00 42.87 +12 05.4	17.8	-1.01	- 3.8	3.0/07.6	50505
2001 CS ₄₃	2003 10 05.3	00 42.87 -25 21.1	19.8	-0.79	- 2.3	7.4/25.3	13812
1999 JO ₂₉	2003 10 05.3	00 42.94 -01 45.2	18.7	-1.06	- 3.3	2.8/03.6	50408
2002 JN ₉₉	2003 10 05.3	00 42.98 -11 58.0	18.6	-0.82	- 7.7	5.5/29.6	31727
2000 WV ₁₀₆	2003 10 05.3	00 43.01 -01 35.1	18.2	-0.99	- 0.3	3.3/03.7	50506
1998 MZ ₁	2003 10 05.3	00 43.03 -10 59.7	18.5	-0.90	- 4.0	5.3/30.7	30272
2002 BQ ₁	2003 10 05.3	00 43.03 -05 43.8	18.8	-1.03	- 4.4	4.0/02.3	50588
2001 BZ ₇₂	2003 10 05.3	00 43.05 +12 12.2	19.4	-0.78	- 5.9	2.2/08.0	48008
2001 FQ ₈₆	2003 10 05.3	00 43.09 -08 39.2	18.9	-0.87	- 6.2	4.5/30.9	50530
1995 OO ₂	2003 10 05.3	00 43.09 +13 19.3	20.0	-0.90	- 7.2	3.1/08.3	47696
1999 TY ₁₇₃	2003 10 05.4	00 43.10 +00 00.3	18.5	-0.84	- 5.2	1.9/03.9	50427
1998 SW ₁₅₇	2003 10 05.4	00 43.12 +09 50.9	18.4	-0.78	- 5.7	1.8/07.2	46346
2002 JA ₄₄	2003 10 05.4	00 43.14 +10 23.4	19.1	-0.94	- 6.5	2.0/07.3	31666
2001 CE ₄₅	2003 10 05.4	00 43.19 -22 49.4	17.8	-0.88	- 4.4	9.7/25.6	50522
2001 DJ ₁₂	2003 10 05.4	00 43.20 -03 32.9	19.1	-0.84	- 6.8	2.8/02.7	50523
1999 VL ₁₆₆	2003 10 05.4	00 43.25 +03 35.3	19.9	-0.92	- 3.7	0.4/05.1	8462
2001 DK ₆	2003 10 05.4	00 43.30 +02 19.8	18.4	-1.02	- 3.1	0.9/04.8	12292
2002 KA ₄	2003 10 05.4	00 43.33 -26 30.1	20.6	-0.83	- 7.3	8.2/23.9	34010

2001 FG ₁₀₄	2003 10 05.4	00 43.37 +10 52.2	19.4	-0.88	- 4.8	2.2/07.4	50530
2002 JV ₁₂₂	2003 10 05.4	00 43.42 -07 46.0	19.7	-0.78	- 6.8	4.6/01.2	50611
2000 DW ₇₇	2003 10 05.5	00 43.53 +00 03.8	19.1	-0.71	- 5.9	1.4/03.9	50462
2000 WS ₁₇₉	2003 10 05.5	00 43.53 +14 00.1	19.2	-0.83	- 8.4	3.0/08.8	47994
2000 YM ₁₄₂	2003 10 05.5	00 43.54 +18 02.8	19.3	-0.87	- 6.1	3.9/10.0	34993
2002 GU ₂₁	2003 10 05.5	00 43.57 +15 36.7	19.3	-0.81	-10.9	3.8/09.7	48227
2000 AF ₂₄₈	2003 10 05.5	00 43.57 +31 35.0	16.9	-0.99	- 1.8	11.0/14.5	50456
2002 FY ₄	2003 10 05.5	00 43.60 +02 18.5	18.1	-1.47	+ 4.2	1.0/05.1	50041
2000 YU ₁₂₃	2003 10 05.5	00 43.69 -01 59.2	19.5	-0.85	- 5.4	2.3/03.4	31383
1994 WC ₁₃	2003 10 05.5	00 43.69 +06 52.4	19.0	-0.79	- 6.5	0.9/06.3	50371
2000 BQ ₁₄	2003 10 05.5	00 43.71 -20 11.7	19.3	-0.81	- 3.0	6.3/27.1	50456
1999 TW ₄₄	2003 10 05.5	00 43.71 +08 50.0	19.0	-0.85	- 6.6	1.6/07.0	30319
2002 GG ₁₂₁	2003 10 05.5	00 43.73 -07 07.5	20.2	-0.86	- 5.4	4.0/01.8	31588
1993 RM ₁₆	2003 10 05.5	00 43.76 +02 01.6	18.8	-0.72	- 6.9	1.1/04.6	34503
1999 XV ₂₀₅	2003 10 05.5	00 43.76 -44 25.4	19.9	-0.90	- 1.1	10.9/16.0	47835
1999 WK ₁	2003 10 05.5	00 43.77 -02 50.1	17.5	-0.87	- 3.2	2.8/03.3	50440
2002 JC ₅₅	2003 10 05.5	00 43.80 +03 52.9	20.0	-0.86	- 4.9	0.3/05.3	33999
2000 SD ₂₄₀	2003 10 05.5	00 43.80 +11 31.1	18.9	-0.91	-20.2	2.7/08.3	47961
2000 XS ₃₅	2003 10 05.6	00 43.84 -01 30.0	18.2	-1.28	+ 1.1	2.2/04.2	50510
2000 RD ₅₁	2003 10 05.6	00 43.84 +05 16.4	17.5	-0.98	- 4.9	12.4/16.0	50486
2000 WL ₁₀₈	2003 10 05.6	00 43.86 +07 03.7	17.5	-1.07	- 3.0	1.1/06.0	9878
1999 UR ₈	2003 10 05.6	00 43.88 +08 52.3	18.5	-0.84	- 6.0	1.4/07.0	13616
2002 GO ₁₄₃	2003 10 05.6	00 43.93 +03 43.3	17.7	-1.03	- 2.0	0.5/05.4	31597
1999 WT ₁₁	2003 10 05.6	00 44.00 -09 01.5	18.1	-1.15	+ 3.3	6.2/02.6	50440
2000 EV ₅₀	2003 10 05.6	00 44.01 +07 31.1	19.5	-0.76	- 5.7	0.9/06.6	47863
2002 CJ ₅₉	2003 10 05.6	00 44.04 +05 10.8	19.0	-1.02	- 5.5	10.1/26.0	30648
1999 UJ ₅	2003 10 05.6	00 44.08 +42 54.0	17.8	-1.71	+ 8.2	16.1/14.4	50431
2001 FT ₁₄₃	2003 10 05.6	00 44.11 -05 09.2	17.5	-0.74	- 4.3	3.3/02.4	50531
2000 CU ₈₆	2003 10 05.6	00 44.12 +25 17.6	17.6	-1.01	+ 0.3	6.3/11.5	40456
2002 EZ ₂₁	2003 10 05.6	00 44.13 +04 50.6	20.3	-0.88	- 8.0	8.5/26.0	29957
1998 RP ₄₁	2003 10 05.6	00 44.15 +16 49.9	19.4	-0.98	- 1.6	4.0/09.2	47739
2001 FX ₁₃₇	2003 10 05.7	00 44.13 -05 07.0	19.7	-0.66	- 7.2	2.6/02.1	33906
1995 UE ₁₂	2003 10 05.7	00 44.13 +05 24.2	19.5	-0.92	- 4.6	9.5/16.0	15018
2001 FR ₂₇	2003 10 05.7	00 44.14 +07 54.6	18.1	-0.84	- 4.5	1.1/06.7	50528
1994 UH ₇	2003 10 05.7	00 44.16 +13 49.5	18.0	-0.78	- 7.7	3.2/08.9	47694
1993 TU ₂₇	2003 10 05.7	00 44.17 +00 40.2	18.2	-0.74	- 5.3	1.6/04.4	35436
2002 GL ₁₀₇	2003 10 05.7	00 44.18 -03 27.3	18.8	-0.85	- 7.6	3.7/03.0	50604
3045 T-2	2003 10 05.7	00 44.19 -00 25.8	19.3	-0.72	- 8.0	1.7/03.9	34058
2002 GH ₉	2003 10 05.7	00 44.20 -02 42.4	19.9	-0.90	- 5.1	2.7/03.4	30129
2002 EU ₁₃₅	2003 10 05.7	00 44.22 +03 11.4	19.9	-1.05	- 5.6	0.7/05.3	48223
2000 AP ₈₃	2003 10 05.7	00 44.24 -00 27.2	18.5	-0.78	- 5.1	1.7/04.0	50452
2001 FR ₉₀	2003 10 05.7	00 44.33 +01 24.6	20.6	-0.73	- 4.7	0.9/04.6	14423
2002 JQ ₃₀	2003 10 05.7	00 44.34 +01 50.4	20.2	-0.86	- 6.3	1.0/04.8	31648
2001 CU ₁₉	2003 10 05.7	00 44.36 -13 15.5	20.0	-0.79	- 3.2	5.4/30.0	48009
2001 BA ₃₂	2003 10 05.7	00 44.37 -04 40.9	18.4	-0.87	- 7.6	4.4/02.5	50519
2001 FX ₇₁	2003 10 05.7	00 44.47 -02 26.3	18.2	-0.85	- 1.8	2.4/03.7	31944
2000 AS ₃₆	2003 10 05.7	00 44.47 +03 51.3	20.0	-0.73	- 4.5	0.2/05.5	47839
2001 CG ₂₀	2003 10 05.7	00 44.49 +03 58.5	19.6	-0.90	- 2.7	0.3/05.6	48009
2002 FJ ₂₉	2003 10 05.7	00 44.50 -04 45.6	19.1	-0.99	- 4.0	3.7/03.0	41765
1999 VL ₁₉₇	2003 10 05.8	00 44.47 -16 42.5	18.8	-1.06	+ 0.9	9.0/29.9	17087
2001 FJ ₉₀	2003 10 05.8	00 44.49 +05 46.2	18.7	-0.78	- 4.1	0.3/06.1	35548

1998 VP ₂₆	2003 10 05.8	00 44.54 -01 27.7 18.0	-0.86 - 1.8	2.1/04.0	31843	2000 ED ₁₆₉	2003 10 06.1	00 45.79 -08 53.1 19.5	-0.82 - 2.7	3.9/01.9	18245
1999 VE ₇₁	2003 10 05.8	00 44.57 +17 33.1 18.8	-0.80 - 9.1	4.5/10.5	50436	2000 AJ ₁₃	2003 10 06.1	00 45.80 +06 02.7 17.6	-0.87 - 3.8	0.4/06.5	50449
1999 XD ₁₆₆	2003 10 05.8	00 44.62 -02 10.9 18.0	-1.04 - 0.9	2.7/04.0	50446	2001 FC ₇₇	2003 10 06.1	00 45.99 -00 10.3 18.9	-0.78 - 7.7	1.6/04.4	15096
2002 LM ₄₁	2003 10 05.8	00 44.63 -10 11.8 19.5	-0.71 - 6.1	4.6/30.6	35205	2002 CV ₄₃	2003 10 06.1	00 46.01 +26 54.1 18.2	-1.70 + 6.3	11.3/10.3	30644
1999 VL ₁₅₆	2003 10 05.8	00 44.66 -06 39.6 18.7	-0.91 - 2.4	4.0/02.5	50438	2000 YJ ₃₉	2003 10 06.1	00 46.01 +20 57.3 17.4	-0.97 - 4.4	7.7/11.0	50512
1999 TK ₂₈₄	2003 10 05.8	00 44.73 -17 00.3 18.5	-0.99 - 1.6	7.9/29.2	12965	1992 ON	2003 10 06.2	00 46.02 +39 17.5 18.7	-2.00 + 4.4	15.6/14.9	50367
2000 WQ ₁₇₈	2003 10 05.8	00 44.79 -00 18.2 18.9	-0.96 - 5.6	1.8/04.3	12257	2001 CV ₃₇	2003 10 06.2	00 46.08 -32 25.3 18.7	-0.97 - 1.2	11.9/23.3	20836
2001 AE ₃₁	2003 10 05.8	00 44.88 +12 59.0 19.2	-0.95 - 4.9	2.7/08.4	49881	2000 CT ₃₇	2003 10 06.2	00 46.20 +01 14.1 19.7	-0.74 - 4.8	1.1/05.0	50458
1999 VS ₁₆₃	2003 10 05.8	00 44.89 +06 13.3 18.6	-0.85 - 5.1	0.6/06.3	33840	2002 JO ₁₃	2003 10 06.2	00 46.21 -07 26.8 19.6	-0.91 - 6.8	4.7/02.1	48232
2002 JR ₆₄	2003 10 05.9	00 44.88 -09 08.3 19.5	-0.85 - 4.0	4.4/01.6	35577	2002 JG ₃₀	2003 10 06.2	00 46.22 +05 06.7 19.0	-0.79 - 5.7	0.0/06.3	33563
1995 UJ ₃₇	2003 10 05.9	00 44.92 -05 28.1 18.9	-0.91 - 3.7	4.0/02.8	50373	2001 DK ₈₁	2003 10 06.2	00 46.25 -07 24.8 18.1	-0.81 - 4.6	4.2/02.3	50525
2001 BF ₃₆	2003 10 05.9	00 44.92 +01 47.6 19.1	-0.93 - 5.4	1.1/05.0	11035	2002 HG ₈	2003 10 06.2	00 46.28 -08 16.5 18.3	-1.01 - 1.0	4.4/02.7	32011
1999 TW ₂₅₈	2003 10 05.9	00 44.95 +02 47.9 19.0	-0.93 - 3.9	0.7/05.3	33833	2001 FO ₁₂	2003 10 06.2	00 46.28 +02 50.8 19.9	-0.98 - 2.1	0.7/05.7	13824
2002 JL ₁₀₂	2003 10 05.9	00 44.98 +01 59.8 19.0	-0.76 - 5.1	0.9/05.0	50610	1999 XE ₇₁	2003 10 06.2	00 46.31 +17 14.5 17.5	-0.75 - 8.1	5.2/10.8	1552
2000 AK ₁₆₁	2003 10 05.9	00 44.99 +23 59.9 19.3	-0.88 - 2.6	5.4/12.0	37275	2002 JY ₇₅	2003 10 06.2	00 46.33 +09 35.7 18.7	-0.90 - 7.8	1.8/07.8	31710
1999 VR ₁₄₇	2003 10 05.9	00 45.07 +10 51.5 19.4	-0.87 - 5.7	1.9/07.9	50438	2000 YZ ₁₂₆	2003 10 06.2	00 46.36 +18 37.3 20.1	-0.92 - 3.5	3.8/10.6	37532
1999 VZ ₂₄	2003 10 05.9	00 45.26 -11 55.1 17.6	-0.88 - 3.5	5.7/30.6	50434	2001 FT ₁₉₂	2003 10 06.3	00 46.34 +03 48.6 18.8	-0.75 - 6.7	0.4/05.9	48027
2000 WA ₁₆	2003 10 05.9	00 45.27 -04 04.3 18.7	-1.04 - 2.4	4.3/03.6	47987	1999 TU ₉₆	2003 10 06.3	00 46.35 -09 09.5 18.0	-0.87 - 5.3	5.8/01.6	13611
2002 ED ₁₀	2003 10 05.9	00 45.31 +20 05.9 18.6	-1.39 + 1.3	6.2/09.7	50014	1997 LJ ₁	2003 10 06.3	00 46.38 +03 57.1 20.5	-0.75 - 7.6	0.3/06.0	47713
2002 FA	2003 10 06.0	00 45.24 +06 54.3 22.5	-0.95 - 7.6	0.6/06.7	30728	2002 BS ₂₀	2003 10 06.3	00 46.43 +13 18.5 18.5	-0.95 -21.0	3.5/09.7	35149
2000 EC ₁₁₈	2003 10 06.0	00 45.32 -19 50.3 18.4	-0.76 - 3.9	7.7/27.3	50466	2001 AN ₁₉	2003 10 06.3	00 46.44 +00 54.4 20.2	-0.86 - 6.0	1.4/05.0	30445
2002 GA ₈	2003 10 06.0	00 45.32 -05 07.7 18.6	-0.87 - 7.4	4.0/02.7	50601	2002 JZ ₈₅	2003 10 06.3	00 46.44 +12 17.6 18.7	-0.85 - 6.4	2.7/08.8	50083
1997 GS ₃₅	2003 10 06.0	00 45.35 +11 31.0 19.6	-0.78 - 7.1	2.0/08.3	47712	2002 PE ₇₂	2003 10 06.3	00 46.46 +35 27.7 18.6	-0.82 - 3.8	7.8/17.7	50618
1999 VC ₂₁	2003 10 06.0	00 45.38 +01 19.6 19.1	-0.86 - 5.1	1.2/04.9	50433	2001 CU ₄₇	2003 10 06.3	00 46.52 +03 40.9 18.7	-0.95 - 5.2	0.5/05.9	14924
2001 BH ₂₂	2003 10 06.0	00 45.39 -00 16.6 19.7	-0.94 - 6.1	1.9/04.4	9626	2002 JE ₇₆	2003 10 06.3	00 46.54 +06 19.2 19.3	-0.98 - 5.1	0.5/06.8	32026
1999 TY ₁₁₉	2003 10 06.0	00 45.42 +11 49.0 19.1	-1.08 - 1.1	2.3/07.9	50426	2002 GP ₁₃	2003 10 06.3	00 46.55 +02 30.9 19.5	-0.91 - 4.6	0.9/05.6	30136
1999 TM ₁₄₁	2003 10 06.0	00 45.43 +05 39.3 19.5	-0.88 - 5.3	0.3/06.3	47807	2003 QQ ₆₁	2003 10 06.3	00 46.65 -06 02.4 17.8	-0.71 - 7.8	3.7/02.4	50317
1999 WD ₁₆	2003 10 06.0	00 45.44 +01 28.2 19.3	-0.86 - 5.0	1.3/05.0	31880	2002 KC	2003 10 06.3	00 46.67 -20 47.4 19.1	-0.84 - 4.6	8.3/27.8	31754
2000 YS ₁₁₁	2003 10 06.0	00 45.52 +00 44.7 19.1	-0.96 - 5.1	1.5/04.8	11020	1999 NV ₆	2003 10 06.3	00 46.72 +05 48.8 18.2	-0.92 - 6.0	0.3/06.6	50412
2000 EU ₁₇₀	2003 10 06.0	00 45.52 -04 19.8 19.1	-0.73 - 2.8	2.2/03.2	737	2000 OR ₈	2003 10 06.3	00 46.74 -33 38.9 18.1	-1.02 - 9.1	15.8/21.0	30358
1998 HH ₉₆	2003 10 06.0	00 45.53 -03 45.6 19.5	-0.91 - 4.8	3.0/03.4	47730	2001 KR ₅	2003 10 06.4	00 46.73 +18 08.1 18.1	-0.69 - 8.6	4.0/11.4	41684
1989 GK ₂	2003 10 06.0	00 45.57 +05 31.5 18.4	-0.92 - 3.6	0.2/06.3	10825	2000 WR ₉₀	2003 10 06.4	00 46.78 -09 22.5 18.3	-1.05 - 2.2	5.6/02.5	50506
2000 WN ₁₄₃	2003 10 06.0	00 45.58 +26 33.2 19.2	-1.01 - 3.9	7.1/13.1	50508	2000 YR ₁₂₃	2003 10 06.4	00 46.81 +05 05.7 18.9	-0.91 - 5.6	0.0/06.5	48002
2002 GK ₈₂	2003 10 06.0	00 45.62 -06 11.8 17.9	-0.94 - 4.0	4.7/02.8	50056	2001 AD ₃₈	2003 10 06.4	00 46.85 -14 27.8 20.2	-0.89 - 2.8	5.9/30.4	49883
2000 YA ₁₂₁	2003 10 06.0	00 45.62 +15 24.8 19.0	-0.98 - 6.1	3.9/09.5	50515	1994 SE ₈	2003 10 06.4	00 46.88 +05 47.8 20.2	-0.85 - 4.6	0.2/06.7	47693
2002 FF ₁₀	2003 10 06.0	00 45.70 +14 02.3 16.3	-1.87 +14.9	5.0/06.8	50600	1999 TT ₂₁₅	2003 10 06.4	00 46.97 +00 30.0 18.5	-0.85 - 7.0	1.7/04.9	13615
2002 GZ ₇₃	2003 10 06.1	00 45.61 -05 04.4 19.2	-0.99 - 6.6	4.1/03.0	33982	1999 RX ₂₉	2003 10 06.4	00 46.99 +36 52.8 18.8	-1.35 + 0.6	10.3/15.4	13604
1998 FE ₁₁₆	2003 10 06.1	00 45.61 +11 22.6 19.2	-0.99 - 4.5	2.3/08.1	9071	2000 YP ₅₁	2003 10 06.4	00 47.03 +07 01.3 20.1	-0.91 - 5.8	0.7/07.1	9499
2000 UJ ₃₃	2003 10 06.1	00 45.65 -02 41.9 19.1	-1.01 - 5.3	3.1/03.8	31918	2001 BB ₄₉	2003 10 06.4	00 47.04 +23 30.8 19.2	-0.87 - 5.9	5.6/12.9	33893
2002 JT ₁₁₆	2003 10 06.1	00 45.65 -19 08.8 20.4	-0.88 - 4.6	7.8/28.3	35196	2000 YG ₅	2003 10 06.4	00 47.09 +16 38.8 16.3	-0.87 - 3.4	6.2/10.2	50511
1998 HA ₉₀	2003 10 06.1	00 45.66 -05 20.8 18.6	-1.00 - 2.5	4.0/03.2	14760	1999 VV ₈₅	2003 10 06.4	00 47.10 +01 11.9 17.8	-0.99 - 1.7	1.7/05.4	50436
2000 AK ₁₆₂	2003 10 06.1	00 45.67 +10 20.1 18.7	-0.81 - 3.9	1.6/07.8	39580	6772 P-L	2003 10 06.5	00 47.04 +03 21.5 19.2	-0.88 - 6.4	0.6/06.0	11064
2002 JR ₅₃	2003 10 06.1	00 45.67 -07 58.7 19.4	-1.03 - 1.1	4.8/02.7	50609	2001 FD ₁₁₁	2003 10 06.5	00 47.06 +01 14.2 19.6	-0.78 - 5.4	1.2/05.3	14424
1999 XR ₂₅₆	2003 10 06.1	00 45.70 -11 57.8 19.1	-1.00 - 1.4	5.9/01.2	18223	2002 LS ₈	2003 10 06.5	00 47.09 +15 22.9 19.2	-0.83 - 9.1	3.7/10.2	50612
1999 XU ₂₃₂	2003 10 06.1	00 45.72 +04 18.5 20.8	-0.73 - 4.3	0.2/05.9	47836	1999 XC ₁₂₂	2003 10 06.5	00 47.12 +18 20.2 18.4	-0.97 - 2.7	5.1/10.5	13061
4051 P-L	2003 10 06.1	00 45.72 +08 11.7 17.5	-0.80 - 5.7	1.4/07.2	50809	2002 JO ₆₀	2003 10 06.5	00 47.21 -03 40.0 19.6	-1.05 - 1.2	3.3/04.3	30207
1999 XC ₇	2003 10 06.1	00 45.73 +03 15.9 19.1	-0.89 - 4.5	0.6/05.6	12204	1997 AG ₇	2003 10 06.5	00 47.23 +05 36.7 19.0	-0.90 - 7.6	0.2/06.7	47708
1998 QW ₁₄	2003 10 06.1	00 45.73 +23 57.7 18.5	-0.92 - 4.3	6.7/12.6	16835	1999 VF ₆₆	2003 10 06.5	00 47.27 -17 06.7 17.9	-1.05 + 1.3	8.9/30.7	38119
2002 ES ₁₄₅	2003 10 06.1	00 45.75 +04 48.0 18.9	-1.00 - 5.1	0.0/06.1	31985	2001 DY ₂₉	2003 10 06.5	00 47.30 -11 16.5 19.5	-0.81 - 7.8	5.0/30.7	12296
2001 BE ₄₄	2003 10 06.1	00 45.76 -09 00.5 19.2	-0.83 - 7.1	4.7/01.3	13807	2000 AX ₄₅	2003 10 06.5	00 47.34 -04 34.8 18.6	-0.81 - 4.9	3.3/03.4	50450
2000 AN ₂₁₇	2003 10 06.1	00 45.79 +41 14.5 21.3	-0.88 - 3.3	8.1/20.4	38240	2001 DV ₉₈	2003 10 06.5	00 47.37 +13 43.1 18.8	-0.75 - 5.3	2.2/09.5	50525

2003 OCT. 10

M.P.C. 49793

1999 RK ₁₅₆	2003 10 06.5	00 47.43 +09 54.1 17.5	-0.88	- 5.6	2.1/08.1	50418
1999 VJ ₁₂₄	2003 10 06.6	00 47.42 +08 38.3 19.5	-0.86	- 6.6	1.3/07.8	38222
2000 XV ₇	2003 10 06.6	00 47.42 +42 19.8 18.1	-1.19	- 3.1	12.8/19.9	33888
1992 DV	2003 10 06.6	00 47.43 -03 09.5 20.0	-0.81	- 6.5	2.3/03.8	47684
2001 BM ₅₄	2003 10 06.6	00 47.47 +14 39.1 18.9	-0.91	- 3.5	3.3/09.6	48007
2000 AD ₂₂₄	2003 10 06.6	00 47.59 +13 34.8 18.6	-0.83	- 5.3	3.0/09.4	49784
1997 GR ₂	2003 10 06.6	00 47.59 +05 52.3 20.4	-0.92	- 3.0	0.3/06.9	47710
2000 YG ₁₀₄	2003 10 06.6	00 47.59 -18 36.3 18.0	-0.79	- 6.9	8.7/27.8	50514
2002 GZ ₁₈	2003 10 06.6	00 47.62 +04 28.3 19.8	-0.95	- 5.0	0.2/06.5	31501
2000 AQ ₉₀	2003 10 06.6	00 47.65 -12 42.5 17.8	-0.74	- 5.7	6.2/30.4	35503
1999 UF ₁₇	2003 10 06.6	00 47.67 +16 43.9 18.8	-0.82	- 8.6	3.8/10.8	50432
2002 EH ₃₀	2003 10 06.6	00 47.74 -00 29.8 18.9	-0.97	- 5.1	2.1/05.0	31977
1999 UC ₄₇	2003 10 06.7	00 47.75 +14 25.7 18.6	-0.82	- 8.1	3.7/10.0	50433
2000 DK ₆₈	2003 10 06.7	00 47.75 +07 35.0 18.0	-0.80	- 3.5	0.8/07.5	50462
1999 RL ₂₃₈	2003 10 06.7	00 47.77 -11 24.4 18.7	-0.65	-11.6	7.1/30.0	49693
1993 FJ ₆₀	2003 10 06.7	00 47.77 +05 01.0 19.7	-0.84	- 6.1	0.0/06.7	33754
2002 FC ₃₈	2003 10 06.7	00 47.99 -01 26.4 17.8	-1.04	- 2.4	3.0/05.0	50601
2000 WB ₁₅₃	2003 10 06.7	00 48.01 +14 24.5 19.2	-0.95	- 7.5	3.8/09.8	47993
1999 NH ₂₀	2003 10 06.7	00 48.04 -08 21.1 19.2	-0.90	- 5.2	5.8/02.5	50412
2002 JB ₂₅	2003 10 06.7	00 48.09 +10 47.5 17.4	-0.72	-11.8	2.2/09.0	31641
2000 WU ₆₀	2003 10 06.7	00 48.11 -10 14.5 16.8	-0.86	- 5.7	7.0/01.7	50505
2002 GT ₁₄₃	2003 10 06.7	00 48.11 +12 06.1 18.4	-0.81	- 9.3	3.0/09.3	50605
1999 VZ ₁₅₈	2003 10 06.7	00 48.14 -04 19.0 19.2	-0.99	- 2.2	3.2/04.1	16043
2002 JO ₆₅	2003 10 06.8	00 48.12 -08 34.6 18.4	-0.90	- 3.9	4.6/02.6	34000
2000 YN ₇₈	2003 10 06.8	00 48.12 +01 50.7 20.1	-0.94	- 5.1	1.1/05.8	9521
2000 AQ ₂₄₇	2003 10 06.8	00 48.13 -03 28.7 19.4	-0.79	- 2.6	2.5/04.2	50456
2001 GZ ₃	2003 10 06.8	00 48.15 -16 18.5 19.9	-0.84	- 5.7	6.5/29.2	13849
2002 EX ₈₃	2003 10 06.8	00 48.20 +04 29.9 19.5	-1.00	- 5.2	0.3/06.6	30717
1998 SB ₇₁	2003 10 06.8	00 48.26 -01 38.2 17.8	-0.86	- 2.1	2.1/04.8	50393
2001 FA ₄₇	2003 10 06.8	00 48.26 +07 06.7 19.0	-0.72	- 7.6	0.6/07.5	48020
1998 SA ₆₁	2003 10 06.8	00 48.31 +02 50.8 17.8	-0.82	- 4.2	0.8/06.1	47746
2001 FW ₁₆₈	2003 10 06.8	00 48.31 +18 07.5 20.0	-0.84	- 3.4	3.7/11.0	35062
2000 AV ₁₆₆	2003 10 06.8	00 48.32 +19 35.3 17.9	-0.75	- 7.9	5.0/12.2	47844
1041 T-3	2003 10 06.8	00 48.34 +15 44.4 17.4	-0.94	- 1.7	4.6/09.9	50812
2001 CE ₁₉	2003 10 06.8	00 48.36 +02 52.5 19.9	-0.86	- 6.6	0.8/06.1	48009
2001 FE ₂₆	2003 10 06.8	00 48.37 +01 21.6 18.4	-0.75	- 3.5	1.0/05.6	33386
2002 BC ₃₀	2003 10 06.8	00 48.38 -12 18.0 19.3	-1.01	- 3.6	6.6/01.8	50589
2002 JP ₂₇	2003 10 06.8	00 48.39 +04 12.0 19.9	-0.90	- 7.1	0.4/06.5	48233
2001 DD ₃₁	2003 10 06.8	00 48.43 -05 42.5 20.9	-0.79	- 6.3	3.0/03.2	12296
1999 UH ₁₆	2003 10 06.8	00 48.45 +01 30.1 18.0	-0.91	- 0.5	1.8/05.9	1515
2001 CH ₁₄	2003 10 06.8	00 48.46 -00 22.0 17.5	-0.84	- 5.1	2.7/05.1	33366
2001 DW ₂₇	2003 10 06.8	00 48.46 +00 29.0 19.8	-0.83	- 5.3	1.5/05.4	50523
2001 FP ₆₁	2003 10 06.8	00 48.48 +05 49.4 20.0	-1.02	- 1.7	0.2/07.0	48020
1999 RD ₂₄₀	2003 10 06.8	00 48.51 -11 04.3 18.3	-1.03	- 0.7	6.4/02.5	50421
2002 LD ₄₀	2003 10 06.8	00 48.52 +08 00.9 17.0	-0.69	- 9.1	0.9/07.9	35205
1996 XM ₁	2003 10 06.8	00 48.52 -00 41.6 18.9	-0.92	- 5.6	2.1/05.0	13548
2002 GT ₁₂	2003 10 06.9	00 48.52 +04 06.5 18.6	-0.94	- 6.2	0.4/06.6	33977
1999 VB ₁₆₇	2003 10 06.9	00 48.60 +13 27.6 19.2	-0.83	- 6.3	3.4/09.7	49749
2002 GZ ₂₁	2003 10 06.9	00 48.68 +01 31.9 19.3	-0.99	- 4.5	1.4/05.9	50602
2002 JF ₇₃	2003 10 06.9	00 48.71 -20 48.7 18.5	-0.88	- 3.5	8.5/28.4	50610
1996 BW ₆	2003 10 06.9	00 48.71 +00 39.7 19.1	-0.84	- 4.7	1.5/05.5	47701

2001 EF ₁	2003 10 06.9	00 48.71 +09 23.6 19.3	-0.97	- 2.7	1.4/08.1	11926
1999 VY ₈₆	2003 10 06.9	00 48.72 -08 01.1 18.2	-0.72	-11.2	5.2/01.8	50436
2000 WL ₁₅₉	2003 10 06.9	00 48.75 -03 06.7 17.5	-1.05	- 1.3	3.9/04.7	50508
1993 FH ₃₄	2003 10 06.9	00 48.75 +00 20.8 18.7	-0.92	- 3.5	1.8/05.5	50368
2002 OV ₅	2003 10 06.9	00 48.81 +28 29.0 19.2	-0.79	- 4.7	6.5/15.3	35232
1999 XE ₂₄₃	2003 10 06.9	00 48.90 +11 36.5 19.4	-1.00	- 0.9	2.3/08.7	50448
2001 CE ₁₆	2003 10 06.9	00 48.91 -04 17.2 19.4	-0.85	- 4.1	3.1/04.0	31938
2000 AW ₂₄₉	2003 10 07.0	00 48.90 +17 45.2 19.4	-0.82	- 3.9	3.9/11.1	34873
1999 VR ₅₃	2003 10 07.0	00 48.92 +04 34.1 18.7	-0.87	- 4.8	0.3/06.8	50435
2001 EO ₂₁	2003 10 07.0	00 48.98 +17 03.3 20.2	-0.88	- 5.0	3.7/10.9	48016
2001 CR	2003 10 07.0	00 49.03 -01 08.3 17.1	-0.85	-10.5	2.8/04.7	50520
2000 XF ₉	2003 10 07.0	00 49.07 +45 11.9 19.6	-1.29	- 1.2	13.3/20.5	11008
1999 XK ₁₁₁	2003 10 07.0	00 49.13 -30 17.3 19.4	-1.59	+ 5.6	13.9/28.0	40417
2000 CA	2003 10 07.0	00 49.21 -15 24.2 18.4	-0.77	- 3.4	5.9/30.2	33861
1999 VB ₁₀₉	2003 10 07.1	00 49.25 +04 50.9 18.9	-0.84	- 5.0	0.2/07.0	47822
2000 XM ₄₄	2003 10 07.1	00 49.27 -10 55.8 17.6	-1.26	0.0	5.8/03.0	50510
1999 XC ₁₅₉	2003 10 07.1	00 49.30 -11 56.9 18.4	-0.80	- 4.6	5.4/01.4	33849
2002 GY ₁₇	2003 10 07.1	00 49.34 +08 05.0 19.1	-0.92	- 8.0	1.0/08.1	50601
2001 AL ₄₁	2003 10 07.1	00 49.35 +17 04.0 19.7	-0.95	- 4.9	4.1/10.8	12270
2000 AF ₁₆₉	2003 10 07.1	00 49.38 -17 46.9 18.8	-0.81	- 5.2	7.4/29.0	50454
2002 CD ₂₂₀	2003 10 07.1	00 49.38 -05 58.9 19.1	-0.90	- 8.3	4.5/03.4	50593
2000 WD ₅₆	2003 10 07.1	00 49.47 -08 51.5 18.9	-0.97	- 5.0	5.5/02.7	11001
1999 WW ₁₆	2003 10 07.1	00 49.48 -05 52.6 18.4	-1.19	+ 2.9	4.9/04.8	50440
2001 HE ₅₈	2003 10 07.1	00 49.63 -10 58.1 18.8	-0.82	- 4.5	5.0/01.8	13483
2001 LH	2003 10 07.2	00 49.59 -20 25.8 19.9	-0.74	- 3.5	6.3/28.3	48035
2002 GA ₈₀	2003 10 07.2	00 49.64 -00 57.5 19.6	-0.97	- 4.7	2.2/05.3	35575
1998 VS ₄₉	2003 10 07.2	00 49.65 +13 09.9 19.6	-0.73	- 6.1	2.3/09.9	50398
2000 AZ ₄₆	2003 10 07.2	00 49.67 +16 48.8 18.0	-0.83	- 3.1	3.4/10.8	50450
2001 BN ₆₉	2003 10 07.2	00 49.76 -02 42.8 19.2	-0.92	- 5.3	3.4/04.7	48007
1998 HJ ₇₇	2003 10 07.2	00 49.80 +03 15.0 18.8	-1.01	- 4.3	0.7/06.6	10852
2002 JT ₁₂₉	2003 10 07.2	00 49.81 -12 23.8 19.0	-0.91	- 1.9	7.0/02.1	50611
2000 BG ₁₆	2003 10 07.2	00 49.84 +26 01.1 18.1	-0.93	- 4.3	6.8/14.0	33860
1996 XG ₂₃	2003 10 07.2	00 49.90 +00 54.3 19.3	-0.86	- 8.4	1.6/05.8	33760
2002 KK ₁₂	2003 10 07.2	00 49.92 -05 59.7 19.3	-0.82	- 7.0	3.7/03.5	34010
1999 TS ₃₅	2003 10 07.3	00 49.94 +02 26.7 17.9	-0.76	-14.2	1.0/06.2	50424
2000 AV ₁₀₄	2003 10 07.3	00 49.94 -28 02.3 17.4	-0.87	- 1.4	12.3/26.1	50453
1999 VX ₂₁₂	2003 10 07.3	00 49.94 -03 24.8 19.3	-0.84	- 5.6	3.3/04.4	7514
1999 YU ₂₀	2003 10 07.3	00 49.95 +18 18.8 19.1	-0.81	- 3.9	3.7/11.5	33176
2001 DU ₅₀	2003 10 07.3	00 49.97 +03 58.5 19.3	-0.98	- 2.7	0.5/06.9	11888
2002 JK ₁₈	2003 10 07.3	00 49.99 -11 27.1 19.0	-1.01	- 0.6	6.2/02.9	32016
1999 VC ₄₁	2003 10 07.3	00 50.00 +12 03.3 19.1	-0.75	- 9.5	2.8/09.8	49741
1998 UM ₄₄	2003 10 07.3	00 50.00 +11 19.9 18.8	-0.71	- 8.1	2.0/09.5	49659
1999 VK ₁₈	2003 10 07.3	00 50.00 +04 02.7 19.7	-0.92	- 1.4	0.6/06.9	47818
2002 JF ₄₁	2003 10 07.3	00 50.01 +06 02.6 20.0	-0.95	- 5.3	0.2/07.5	31663
1999 TS ₂₈₃	2003 10 07.3	00 50.09 +02 22.3 18.6	-0.80	- 8.8	1.0/06.3	13616
2000 CJ ₂₆	2003 10 07.3	00 50.15 +25 55.7 19.6	-0.82	- 2.8	5.0/14.0	37305
2000 DM ₄₂	2003 10 07.3	00 50.25 +02 42.6 19.5	-0.76	- 5.1	0.8/06.5	47856
2000 RB ₃₉	2003 10 07.3	00 50.29 -04 48.9 18.4	-1.00	- 4.8	3.8/04.3	50486
1999 RE ₁₇₀	2003 10 07.3	00 50.31 +04 45.6 18.4	-0.90	- 6.9	0.2/07.2	35479
2002 EC ₅₅	2003 10 07.3	00 50.35 +07 44.9 18.0	-1.00	- 2.6	0.8/08.1	30711
1998 FM ₃₁	2003 10 07.4	00 50.34 +03 13.2 19.8	-0.94	- 5.0	0.7/06.7	50382

1998 FR ₇₅	2003 10 07.4	00 50.35 -02 16.0 17.3	-1.04 - 2.7	3.2/05.3	50383
2000 WN ₅₉	2003 10 07.4	00 50.37 +02 30.5 17.6	-0.83 - 6.9	1.5/06.4	50505
2001 DV ₄₈	2003 10 07.4	00 50.45 -07 47.8 21.7	-0.81 - 4.4	3.6/03.2	48011
2001 BW ₄₇	2003 10 07.4	00 50.49 +20 30.8 18.5	-0.99 - 2.3	5.4/12.0	50519
2002 ME ₂	2003 10 07.4	00 50.50 +29 50.1 17.7	-0.80 - 4.3	7.4/16.2	50613
2001 EO ₁₃	2003 10 07.4	00 50.51 -08 59.7 19.1	-0.73 -12.3	4.8/01.8	49908
2002 LP ₃₄	2003 10 07.4	00 50.62 +13 31.7 19.2	-0.87 - 6.3	2.7/10.2	33614
2000 VR ₁₇	2003 10 07.4	00 50.64 +07 12.0 18.0	-0.91 - 8.8	0.8/08.1	50502
2002 FO ₅	2003 10 07.4	00 50.66 +00 36.9 19.2	-1.06 - 4.6	1.9/06.1	35180
2124 P-L	2003 10 07.4	00 50.67 +12 35.3 18.2	-0.90 - 1.6	2.4/09.5	50809
2001 AJ ₃₁	2003 10 07.4	00 50.67 -11 46.1 19.0	-0.93 - 3.2	5.5/02.3	50517
1999 JE ₆₁	2003 10 07.4	00 50.74 -08 56.8 18.1	-0.99 - 4.9	5.8/03.1	30297
2002 JJ ₆₁	2003 10 07.5	00 50.71 -02 32.6 19.9	-0.94 - 3.8	2.6/05.2	31688
1999 TS ₂₄₀	2003 10 07.5	00 50.77 -09 43.3 19.0	-0.88 - 4.5	5.5/02.7	47812
2001 AJ ₂₇	2003 10 07.5	00 50.81 -00 24.5 20.2	-0.82 - 4.0	1.5/05.7	13804
2001 CF ₃₄	2003 10 07.5	00 50.84 -17 53.6 19.2	-0.93 - 3.2	7.6/30.1	18311
2002 FE ₁₀	2003 10 07.5	00 50.88 +12 05.4 19.0	-1.00 - 6.4	2.6/09.7	48225
1999 TU ₂₇	2003 10 07.5	00 50.92 -06 20.6 18.1	-1.09 + 2.3	5.1/04.9	50423
2001 FT ₂	2003 10 07.5	00 50.96 +06 06.2 20.0	-0.83 - 6.5	0.2/07.8	48017
2001 BH ₇₆	2003 10 07.5	00 50.97 +10 11.6 18.2	-0.76 - 8.4	1.4/09.3	31937
1999 XA ₁₁	2003 10 07.5	00 50.98 -04 25.1 18.2	-1.01 - 0.5	3.4/05.0	50441
2001 CL ₈	2003 10 07.5	00 51.06 -02 41.9 21.2	-0.81 - 5.1	2.2/04.9	12285
2002 GT ₁₅₂	2003 10 07.6	00 51.09 -08 39.8 18.3	-0.75 - 8.2	5.3/02.6	50067
1999 RR ₁₀₇	2003 10 07.6	00 51.13 +10 47.5 19.3	-0.87 - 8.1	2.1/09.4	47791
2001 FD ₁₅₄	2003 10 07.6	00 51.14 -06 28.1 19.0	-0.79 - 4.6	3.8/03.7	48026
1999 RT ₁₅₆	2003 10 07.6	00 51.18 +05 41.1 18.0	-0.79 - 7.1	0.1/07.7	50419
1998 BJ ₂₅	2003 10 07.6	00 51.20 +02 00.9 18.1	-1.01 - 5.4	1.4/06.6	50381
1999 TA ₂₃₆	2003 10 07.6	00 51.23 -03 54.4 19.0	-0.86 - 4.9	3.9/04.7	47812
2001 FL ₁₇	2003 10 07.6	00 51.26 +04 50.2 19.7	-0.76 - 5.2	0.2/07.4	48018
2001 HL ₃₄	2003 10 07.6	00 51.31 +10 46.2 19.7	-0.70 - 6.5	1.5/09.5	50533
1998 RA ₆₅	2003 10 07.6	00 51.33 +04 55.5 18.8	-0.78 - 5.6	0.2/07.5	50391
2000 FZ ₃₇	2003 10 07.6	00 51.33 -08 12.2 18.2	-1.03 + 1.2	4.3/04.2	47873
2000 ER ₁₁₃	2003 10 07.6	00 51.35 +07 18.1 19.4	-0.75 - 4.6	0.5/08.3	47868
2000 EX ₇	2003 10 07.6	00 51.35 -08 50.2 19.1	-0.84 - 1.7	4.1/03.4	47861
2002 JV ₉₃	2003 10 07.6	00 51.36 +08 28.9 18.5	-0.88 - 5.6	1.0/08.6	34002
2000 YS ₇₉	2003 10 07.6	00 51.38 +07 26.4 19.6	-0.94 - 6.1	0.7/08.3	48000
2002 JB ₁₀₁	2003 10 07.6	00 51.39 -07 22.2 18.6	-0.70 -10.8	3.8/02.8	34003
2002 EH ₉₈	2003 10 07.6	00 51.44 +14 21.0 18.9	-1.00 - 6.9	3.3/10.5	30054
1999 TX ₂₁₁	2003 10 07.7	00 51.46 -03 43.8 19.3	-0.91 - 4.6	3.5/04.8	12960
2002 LK ₄₅	2003 10 07.7	00 51.48 +03 33.4 20.4	-0.89 - 4.5	0.7/07.1	48239
2002 KN ₈	2003 10 07.7	00 51.51 -27 13.4 18.5	-0.84 - 1.3	10.7/27.1	50612
2001 CO ₁₇	2003 10 07.7	00 51.53 -10 16.0 20.0	-0.79 - 6.2	4.8/02.3	11842
1994 TA ₁	2003 10 07.7	00 51.58 -04 25.3 16.4	-1.73 +11.3	4.3/06.7	50371
2000 WN ₅	2003 10 07.7	00 51.67 +11 13.7 18.0	-1.06 - 4.2	2.2/09.4	50503
1999 XK ₂₃₄	2003 10 07.7	00 51.69 +10 47.7 18.4	-0.75 -11.2	1.9/09.7	15652
1998 TM ₁₉	2003 10 07.7	00 51.77 +14 54.9 18.9	-0.76 - 6.1	2.9/11.0	13582
1999 XP ₁₇₈	2003 10 07.7	00 51.78 +17 25.1 17.9	-0.92 - 2.6	4.5/11.3	49767
1999 JU ₂₇	2003 10 07.7	00 51.82 -03 04.0 18.7	-1.07 - 3.7	3.5/05.4	47778
1998 HV ₁₂₉	2003 10 07.8	00 51.79 +05 31.1 19.2	-0.99 - 5.3	0.0/07.8	9708
1999 TQ ₁₆	2003 10 07.8	00 51.80 +01 30.2 18.5	-1.11 + 1.0	1.6/06.9	49699
1997 EA ₃₆	2003 10 07.8	00 51.81 +01 47.4 18.7	-0.88 - 5.8	1.3/06.6	50377

2000 AY ₁₃₅	2003 10 07.8	00 51.82 +03 52.9 20.0	-0.68 - 4.0	0.4/07.3	47843
1998 WG ₃₁	2003 10 07.8	00 51.88 -40 26.4 19.3	-1.34 + 0.1	19.9/21.0	30288
2002 GJ ₄₅	2003 10 07.8	00 51.91 +06 54.4 19.5	-1.05 - 3.6	0.5/08.2	31518
2000 VM ₄₇	2003 10 07.8	00 51.92 +03 42.8 18.0	-1.06 - 3.0	0.7/07.3	50503
1999 VX ₉₆	2003 10 07.8	00 51.94 +07 54.6 18.4	-0.84 - 6.4	0.8/08.6	12193
2001 EH ₁₄	2003 10 07.8	00 51.95 -02 08.1 19.7	-0.83 - 1.7	2.0/05.6	13821
1996 TD ₂	2003 10 07.8	00 51.96 +02 24.2 18.3	-1.03 - 3.0	1.4/07.0	50376
2002 CJ ₂₃₄	2003 10 07.8	00 51.99 +03 11.3 19.6	-0.86 - 8.2	0.9/07.0	31971
1998 HS ₁₃₂	2003 10 07.8	00 52.06 -00 43.8 19.1	-0.99 - 5.3	2.3/05.9	10324
2002 JP	2003 10 07.8	00 52.08 -02 16.1 19.6	-0.90 - 7.5	2.7/05.3	33995
2001 FG ₁₃₆	2003 10 07.8	00 52.09 -12 33.2 19.0	-0.71 - 4.9	5.0/01.7	33906
1999 RK ₈	2003 10 07.8	00 52.11 +13 44.8 18.1	-1.02 - 2.7	3.3/10.2	50414
1998 VC ₁₉	2003 10 07.8	00 52.18 +05 32.4 18.1	-0.75 - 5.9	0.0/07.9	31842
1998 UX ₁₇	2003 10 07.8	00 52.19 +11 29.6 17.9	-0.88 - 2.3	1.9/09.6	47753
2002 JK ₃₅	2003 10 07.8	00 52.20 +01 23.0 19.6	-0.82 - 5.4	1.3/06.5	33997
2002 GQ ₁₄	2003 10 07.9	00 52.13 +17 58.8 17.5	-1.76 + 9.0	6.6/09.6	50047
2000 WB ₈₇	2003 10 07.9	00 52.14 -06 07.5 19.6	-1.04 - 3.4	4.7/04.5	47990
1995 WT ₃₆	2003 10 07.9	00 52.20 +04 01.7 20.6	-0.81 - 6.5	0.5/07.4	10308
2002 EJ ₈₅	2003 10 07.9	00 52.22 +01 03.4 19.3	-0.93 - 6.7	1.9/06.5	50598
1999 XZ ₁₈	2003 10 07.9	00 52.25 +04 01.0 17.2	-1.22 + 4.2	0.8/07.6	50441
2000 DT ₇₇	2003 10 07.9	00 52.28 -03 43.2 18.5	-0.69 - 7.6	2.9/04.6	50462
2001 GY ₄	2003 10 07.9	00 52.30 -22 04.8 20.1	-0.86 - 0.9	6.8/29.4	13849
2002 EL ₁₆	2003 10 07.9	00 52.34 -03 54.1 19.3	-0.89 -20.7	3.9/04.1	29950
2002 BT ₄	2003 10 07.9	00 52.34 -41 20.8 18.8	-1.37 + 2.7	20.6/22.5	27819
1999 VE ₅	2003 10 07.9	00 52.35 -15 15.9 18.0	-1.01 - 0.7	7.9/02.0	13618
2002 GC ₁₂	2003 10 07.9	00 52.35 +00 07.9 20.4	-0.91 - 8.0	2.0/06.1	31500
1999 TA ₂₃₃	2003 10 07.9	00 52.38 -12 21.2 18.5	-0.76 - 9.3	6.5/01.1	50429
2001 CV ₁₇	2003 10 07.9	00 52.38 +17 29.7 19.3	-0.93 - 2.7	3.5/11.5	12286
2002 HK ₇	2003 10 07.9	00 52.39 -07 27.2 19.4	-0.80 - 7.2	4.6/03.5	50606
2001 BQ ₃₁	2003 10 07.9	00 52.42 +08 44.9 18.7	-0.96 - 6.1	1.3/08.9	13243
2002 BK ₂₁	2003 10 07.9	00 52.45 -14 47.6 18.0	-1.67 + 5.9	9.8/04.5	30633
2001 CK ₂₃	2003 10 07.9	00 52.46 +05 34.4 20.0	-0.91 - 5.7	0.0/08.0	15095
1998 SF ₁₁₂	2003 10 08.0	00 52.52 +00 15.3 19.2	-0.79 - 4.8	1.8/06.3	50394
2002 EO ₆₉	2003 10 08.0	00 52.53 +07 12.9 19.3	-0.91 - 8.4	0.6/08.5	50597
2000 DV ₃₃	2003 10 08.0	00 52.58 +10 49.7 20.5	-0.74 - 4.2	1.4/09.7	35515
2001 CU ₄₂	2003 10 08.0	00 52.60 +03 15.7 20.0	-0.93 - 6.2	0.9/07.3	48009
1999 XV ₁₂₈	2003 10 08.0	00 52.64 -06 12.0 17.3	-1.01 - 0.0	4.7/04.9	50445
2002 GP ₆₈	2003 10 08.0	00 52.68 -03 56.8 19.6	-0.78 - 9.5	3.0/04.6	35575
1995 WB ₁₄	2003 10 08.0	00 52.70 -07 29.6 19.5	-0.81 - 3.9	6.0/03.8	34693
1999 RH ₂₄₁	2003 10 08.0	00 52.71 -08 35.8 18.6	-0.89 - 5.6	5.2/03.5	50421
2001 AH ₂₆	2003 10 08.0	00 52.79 +13 58.5 17.1	-1.04 + 1.0	4.5/10.2	50517
1999 UU ₁₆	2003 10 08.0	00 52.80 +02 23.6 18.8	-0.95 - 3.3	1.2/07.1	50432
1999 VF ₂₁₁	2003 10 08.0	00 52.87 +12 15.6 19.3	-0.92 - 5.0	2.4/10.1	26924
1999 TW ₂₆₅	2003 10 08.0	00 52.94 +25 21.9 19.1	-0.91 - 7.7	6.9/15.2	50430
2000 YY ₁₂₉	2003 10 08.1	00 52.88 +22 23.1 18.7	-0.96 - 7.6	6.6/13.9	33891
2002 LQ ₁₆	2003 10 08.1	00 52.90 +06 00.3 20.2	-0.83 - 5.0	0.1/08.2	35202
2001 FF ₆₁	2003 10 08.1	00 52.91 -02 13.3 19.4	-0.79 - 7.9	2.7/05.4	12031
1995 SX ₂₃	2003 10 08.1	00 52.97 +01 49.6 19.3	-0.86 - 6.6	1.4/06.9	31806
2000 AS ₁₆₉	2003 10 08.1	00 53.02 +40 53.5 19.1	-0.89 - 9.9	11.8/23.2	20747
2001 BJ ₂	2003 10 08.1	00 53.04 +24 07.4 18.1	-0.86 - 7.3	6.0/14.9	50518
1999 VM ₆₈	2003 10 08.1	00 53.07 -14 42.8 17.6	-1.00 + 2.4	9.2/03.2	50435

2003 OCT. 10

M.P.C. 49795

2001 FD ₃₆	2003 10 08.1	00 53.11 +03 30.2 19.3	-0.78 - 7.0	0.7/07.4	13296
2001 FB ₁₁₅	2003 10 08.1	00 53.11 -03 42.9 18.9	-0.82 - 4.6	3.1/05.2	48024
1997 HA ₁	2003 10 08.1	00 53.14 -12 20.2 19.5	-0.98 - 1.5	5.8/03.0	13552
1999 RH ₁₉₉	2003 10 08.1	00 53.15 +17 23.4 17.7	-0.85 -11.5	4.3/12.6	50420
2002 LM ₈	2003 10 08.1	00 53.15 +08 44.0 19.1	-0.91 - 8.7	1.1/09.2	31772
1993 FN ₅	2003 10 08.1	00 53.19 +00 46.4 19.0	-0.83 - 6.9	1.6/06.5	12107
2000 AB ₂₃₈	2003 10 08.1	00 53.19 -19 16.3 18.6	-0.89 - 3.7	8.4/29.7	13652
2002 DE ₄	2003 10 08.1	00 53.22 -40 09.5 20.1	-1.15 - 3.9	18.9/21.0	30697
2001 DX ₄₅	2003 10 08.1	00 53.24 +00 46.5 20.2	-0.71 - 5.9	1.3/06.5	48011
2000 BE ₃₈	2003 10 08.1	00 53.26 +02 47.9 19.2	-0.76 - 5.0	0.9/07.2	47848
1995 MG ₄	2003 10 08.1	00 53.30 +02 02.3 19.9	-0.86 - 8.1	1.3/07.0	31218
2002 GA ₆₄	2003 10 08.2	00 53.25 +02 36.2 19.0	-0.97 - 4.2	1.2/07.3	31533
1998 HE ₁₂₇	2003 10 08.2	00 53.27 +09 13.6 19.2	-1.01 - 4.0	1.3/09.2	50386
2001 CZ ₄₈	2003 10 08.2	00 53.27 -10 07.8 18.0	-0.97 - 1.2	5.3/03.9	50522
2001 BE ₅₂	2003 10 08.2	00 53.29 -01 02.9 19.4	-0.85 - 5.5	2.3/06.1	31937
1998 XX ₄₀	2003 10 08.2	00 53.35 +26 37.0 17.9	-0.83 - 3.3	6.5/15.2	50400
2002 HE ₂	2003 10 08.2	00 53.37 -05 26.4 19.0	-1.00 - 4.0	4.1/05.0	32010
1999 RW ₁₄	2003 10 08.2	00 53.46 +04 13.4 18.9	-0.91 - 6.8	0.6/07.8	30304
2003 QQ ₁₃	2003 10 08.2	00 53.47 -04 25.5 17.6	-0.80 - 8.7	4.6/04.7	50295
2001 CM ₄₅	2003 10 08.2	00 53.58 -16 18.2 19.5	-0.75 - 2.9	5.4/01.2	35010
2001 DQ ₄₀	2003 10 08.2	00 53.59 +01 49.5 20.5	-0.90 - 4.9	1.4/07.1	48011
2000 AZ ₁₀₀	2003 10 08.2	00 53.60 +03 02.3 16.7	-0.59 -10.9	1.3/07.2	50452
2002 GJ ₁₀₃	2003 10 08.2	00 53.64 -04 33.3 18.2	-1.43 +10.3	4.7/07.1	50060
2000 CK ₆₄	2003 10 08.2	00 53.64 +06 24.3 20.5	-0.77 - 4.3	0.2/08.5	47851
2000 DJ ₉₃	2003 10 08.2	00 53.67 +17 06.2 18.1	-0.88 - 2.1	3.8/11.7	50463
2000 WL ₁₆₇	2003 10 08.3	00 53.60 -02 47.9 19.0	-0.96 - 6.4	3.2/05.6	50508
1999 TQ ₂₃	2003 10 08.3	00 53.62 +00 58.8 19.0	-0.91 - 4.8	1.7/06.9	31865
2001 AN ₃₆	2003 10 08.3	00 53.62 +09 25.6 16.6	-1.03 - 0.2	1.9/09.3	50517
2000 WY ₁₂₁	2003 10 08.3	00 53.67 +01 35.6 18.1	-0.90 - 5.1	2.1/07.0	27162
2000 WN ₉₈	2003 10 08.3	00 53.69 -07 50.0 17.9	-0.98 - 4.5	5.6/04.1	50506
2000 CL ₁₈	2003 10 08.3	00 53.77 +04 41.9 18.2	-0.71 - 6.2	0.3/08.0	47848
1999 AV ₁₀	2003 10 08.3	00 53.78 -01 58.3 18.3	-0.87 - 2.9	2.6/06.1	50401
2000 AH ₁₅	2003 10 08.3	00 53.85 +13 11.4 17.7	-0.85 - 4.9	2.7/10.7	50449
2001 HL ₄₈	2003 10 08.3	00 53.85 +30 20.7 18.4	-0.94 - 4.5	8.2/16.7	50534
2000 WW ₈₇	2003 10 08.3	00 53.88 -03 03.6 17.9	-1.00 - 3.6	3.6/05.8	50506
1996 RX ₁₂	2003 10 08.3	00 53.92 +05 03.1 20.6	-0.99 - 6.5	0.3/08.1	33759
2001 AZ ₃₁	2003 10 08.3	00 53.95 +13 24.2 17.3	-1.02 - 3.1	3.5/10.6	50517
2001 BN ₂₆	2003 10 08.3	00 53.98 +05 04.6 19.5	-0.93 - 6.0	0.2/08.2	17536
2002 CH ₁₄₁	2003 10 08.3	00 54.05 +20 13.2 17.3	-1.08 - 7.0	6.1/13.2	50592
1998 XB ₇	2003 10 08.4	00 53.97 +14 27.0 19.8	-0.71 - 6.5	2.4/11.5	47759
2001 CP ₃₁	2003 10 08.4	00 54.06 -03 24.0 20.1	-0.89 - 7.4	3.6/05.3	48009
2001 GJ ₁₁	2003 10 08.4	00 54.06 -09 18.7 20.0	-0.79 - 7.7	4.6/03.0	48028
1999 TE ₂₇	2003 10 08.4	00 54.06 -01 17.6 16.9	-1.14 + 3.5	3.3/06.9	2659
1998 HG ₁₄₅	2003 10 08.4	00 54.09 -04 46.1 19.1	-0.91 - 4.8	3.9/05.2	50386
2001 HF ₃	2003 10 08.4	00 54.17 -00 23.5 19.2	-0.81 - 2.7	1.8/06.6	50533
1999 VB ₅₆	2003 10 08.4	00 54.25 +12 09.5 18.4	-0.75 -10.1	2.5/10.8	17073
2001 FF ₁₀₄	2003 10 08.4	00 54.34 +14 31.0 19.8	-0.85 - 4.1	2.5/11.2	48023
1999 TW ₆₄	2003 10 08.4	00 54.35 +06 22.3 20.6	-0.91 - 5.9	0.2/08.7	6930
2002 LK ₉	2003 10 08.5	00 54.36 +03 59.7 19.6	-0.91 - 8.1	0.7/07.9	35201
1996 HE ₁₆	2003 10 08.5	00 54.38 +02 14.7 19.8	-0.76 - 3.9	0.9/07.4	47703
2002 JX ₂₄	2003 10 08.5	00 54.47 -12 55.2 19.4	-0.97 - 0.9	6.5/03.4	32017

2000 YW ₅₂	2003 10 08.5	00 54.50 -15 43.2 20.0	-0.84 - 4.3	6.1/01.5	11015
2001 DE ₆₅	2003 10 08.5	00 54.53 +01 30.8 19.8	-0.90 - 6.5	1.6/07.2	48012
2003 QS ₆₁	2003 10 08.5	00 54.62 -08 27.5 19.0	-0.73 - 7.1	6.2/03.5	50317
2000 DH ₄₉	2003 10 08.5	00 54.65 -01 21.2 20.7	-0.71 - 5.4	1.9/06.1	12238
2000 AF ₆₇	2003 10 08.5	00 54.66 +05 15.5 19.6	-0.71 - 4.3	0.1/08.4	13644
1998 BP ₁₇	2003 10 08.5	00 54.68 -00 27.9 20.6	-0.93 - 6.2	2.1/06.6	31223
2002 JK ₇₁	2003 10 08.5	00 54.73 -04 55.3 20.0	-0.96 - 6.1	3.9/05.2	48235
2001 DA	2003 10 08.5	00 54.73 +08 25.8 19.0	-1.02 - 0.6	0.8/09.3	13812
2002 EK ₆	2003 10 08.5	00 54.74 +08 47.5 18.6	-1.07 - 4.4	1.3/09.4	30701
2001 AW ₂₄	2003 10 08.5	00 54.78 +00 13.7 19.4	-0.91 - 8.0	2.1/06.7	13804
2001 AV ₃₃	2003 10 08.6	00 54.75 -05 31.8 17.8	-1.00 - 3.0	5.2/05.3	31934
1999 XW ₁₀₁	2003 10 08.6	00 54.77 -02 00.6 16.9	-0.86 - 3.3	3.4/06.2	40415
2000 AD ₃₉	2003 10 08.6	00 54.78 -10 36.6 18.3	-0.83 - 4.0	6.9/03.1	49775
2002 JK ₇₃	2003 10 08.6	00 54.85 -00 22.1 19.1	-0.83 - 6.9	1.9/06.6	34001
1995 SR ₁₃	2003 10 08.6	00 54.86 +07 10.8 19.4	-0.93 - 5.0	0.4/09.0	33757
2001 FA ₉₀	2003 10 08.6	00 54.92 +04 08.5 20.6	-0.78 - 4.2	0.5/08.1	41680
2002 JK ₄₇	2003 10 08.6	00 54.93 +08 02.0 18.7	-0.82 - 4.9	0.8/09.3	50609
2002 JM ₄₇	2003 10 08.6	00 54.95 -05 51.8 18.2	-0.97 - 0.9	4.0/05.6	32021
2003 QM ₅₁	2003 10 08.6	00 54.97 +13 50.7 17.6	-1.02 - 0.7	3.4/11.0	50312
4141 T-1	2003 10 08.6	00 54.99 +02 58.7 19.5	-0.94 - 6.0	1.1/07.8	13874
2001 BE ₄₂	2003 10 08.6	00 55.14 -08 15.6 19.5	-0.86 - 4.1	4.5/04.3	33893
2000 YW ₇₂	2003 10 08.7	00 55.07 -03 30.8 18.0	-0.80 - 6.0	4.9/05.6	50513
2002 JB ₃₆	2003 10 08.7	00 55.08 +08 36.0 19.6	-0.89 - 8.3	1.0/09.6	48233
2000 WC ₁₁₇	2003 10 08.7	00 55.10 -05 06.9 17.5	-1.04 - 0.7	5.3/05.8	30429
2000 YP ₉₂	2003 10 08.7	00 55.10 +11 41.3 18.6	-0.90 - 8.5	2.5/10.7	34990
2002 GT ₉₁	2003 10 08.7	00 55.13 -00 05.4 19.0	-1.00 - 3.4	2.3/07.0	31564
1999 TO ₂₀₄	2003 10 08.7	00 55.17 +09 01.5 19.1	-0.93 - 3.5	1.3/09.7	9762
1998 WC ₃₃	2003 10 08.7	00 55.17 -17 18.4 17.4	-0.86 - 0.9	8.0/01.6	50399
2001 FC ₉₆	2003 10 08.7	00 55.20 -05 56.9 20.3	-0.78 - 7.8	3.4/04.6	14424
1998 FZ ₆₉	2003 10 08.7	00 55.21 +00 11.8 19.5	-0.92 - 7.8	2.0/06.9	8034
2000 AA ₂₉	2003 10 08.7	00 55.22 -11 54.5 19.2	-0.77 - 3.6	5.0/02.9	50450
1999 TK ₁₅₁	2003 10 08.7	00 55.22 -04 40.0 18.2	-0.94 - 2.8	3.8/05.7	33831
2001 FV ₄₂	2003 10 08.7	00 55.24 +08 56.9 19.7	-0.93 - 1.9	0.9/09.6	13829
2001 FR ₁₅₆	2003 10 08.7	00 55.29 -05 06.9 20.0	-0.87 - 3.6	3.2/05.4	13845
1999 RL ₆₂	2003 10 08.7	00 55.33 -00 33.8 18.0	-0.85 - 4.2	3.0/06.8	30306
1999 VP ₉₉	2003 10 08.7	00 55.33 +09 55.7 18.8	-0.76 - 8.2	1.7/10.2	50437
1999 JA ₁₄	2003 10 08.7	00 55.33 -09 32.7 18.5	-1.03 - 2.7	6.9/04.5	33075
2001 FS ₆₄	2003 10 08.7	00 55.34 -01 38.0 18.7	-0.85 - 7.5	2.6/06.2	13833
1999 VS ₁₃	2003 10 08.7	00 55.42 -18 05.3 18.4	-1.68 + 8.7	10.5/04.8	673
2002 JZ ₅₁	2003 10 08.7	00 55.49 +01 26.6 18.4	-0.93 - 3.6	1.6/07.5	33999
1999 XJ ₂₈	2003 10 08.7	00 55.49 +15 56.6 19.9	-0.78 - 9.9	3.6/12.5	47828
2001 BC ₂₉	2003 10 08.8	00 55.50 +03 24.5 17.7	-0.87 - 6.3	1.2/08.0	48006
2001 FH ₃₉	2003 10 08.8	00 55.54 +17 37.7 19.0	-0.88 - 3.4	3.5/12.5	18314
2001 FW ₆₈	2003 10 08.8	00 55.57 +01 04.9 18.6	-1.01 - 0.1	1.8/07.6	50529
2002 JD ₂₃	2003 10 08.8	00 55.62 +02 13.1 20.7	-0.92 - 6.5	1.3/07.7	48233
2000 WS ₁₅₇	2003 10 08.8	00 55.66 -12 33.4 18.2	-1.07 + 0.7	8.6/04.0	50508
1999 TA ₂₄₆	2003 10 08.8	00 55.66 -08 19.7 18.3	-0.65 -12.5	5.9/03.0	49722
2001 FT ₁₈₉	2003 10 08.8	00 55.75 +05 54.3 18.6	-0.81 - 6.2	0.0/08.9	27195
2001 FQ ₁₆	2003 10 08.8	00 55.77 +03 15.7 19.8	-0.75 - 4.3	0.7/08.0	14421
2002 CW ₃₀₄	2003 10 08.8	00 55.83 -02 33.4 20.4	-0.84 - 7.4	2.8/06.0	31975
2002 GG ₃₅	2003 10 08.8	00 55.84 +01 59.6 20.4	-0.93 - 5.9	1.4/07.7	31508

2002 EA ₂₉	2003 10 08.9	00 55.80 -00 02.0 17.5	-0.95 - 4.9	2.8/07.1	35573
1999 XV ₂₁₃	2003 10 08.9	00 55.81 -24 51.7 18.4	-0.85 - 0.9	13.0/28.4	50447
2002 GD ₃	2003 10 08.9	00 55.81 +01 32.2 19.1	-0.97 - 4.4	1.6/07.6	30120
1999 XJ ₃	2003 10 08.9	00 55.81 -04 12.1 19.6	-0.83 - 4.9	3.0/05.6	33842
2002 PA ₁₅₄	2003 10 08.9	00 55.83 +43 46.8 18.4	-1.16 + 1.1	11.1/20.8	48250
2000 YS ₁₆	2003 10 08.9	00 55.85 +19 08.4 17.9	-0.89 - 2.8	7.0/13.0	49861
1999 TW ₁₂₁	2003 10 08.9	00 55.87 +11 13.0 18.4	-0.94 - 4.2	1.7/10.5	31868
1997 CK ₁₂	2003 10 08.9	00 55.88 +08 05.7 18.8	-0.94 - 4.7	0.9/09.6	50377
2002 EC ₁₅₂	2003 10 08.9	00 55.97 +05 03.0 18.7	-0.92 - 7.1	0.4/08.6	30084
2000 YV ₆₆	2003 10 08.9	00 56.01 +08 53.8 20.1	-0.93 - 5.4	0.9/09.8	11017
1999 XL ₇₃	2003 10 08.9	00 56.04 +11 30.5 18.3	-0.81 - 6.3	1.9/10.8	11702
2002 JX ₄₆	2003 10 08.9	00 56.05 +09 18.2 19.8	-1.02 - 6.2	1.3/10.0	31670
2001 FV ₉₃	2003 10 08.9	00 56.10 -10 54.9 17.9	-0.80 - 2.9	5.4/03.8	50530
2000 BG ₁₇	2003 10 08.9	00 56.12 -11 28.4 18.8	-0.75 - 4.8	5.4/03.1	47847
2000 WY ₄₉	2003 10 08.9	00 56.13 -00 19.4 20.2	-1.00 - 4.4	2.3/07.1	31354
1999 VT ₈₁	2003 10 08.9	00 56.19 +08 26.5 18.3	-0.79 - 9.9	0.9/09.9	50436
1999 VH ₂	2003 10 08.9	00 56.19 +10 33.2 16.7	-0.88 - 4.3	1.9/10.4	50433
2002 JG ₂₈	2003 10 08.9	00 56.23 +05 51.5 19.0	-0.87 - 6.7	0.1/08.9	33997
2001 HN ₄₉	2003 10 08.9	00 56.23 +16 47.1 18.6	-0.85 - 2.7	3.1/12.3	35554
2000 WN ₂₂	2003 10 09.0	00 56.16 -27 00.9 18.5	-1.12 - 0.7	9.7/29.4	50504
1999 XF ₁₂₉	2003 10 09.0	00 56.18 +04 45.1 17.0	-0.94 - 0.1	0.6/08.7	1556
2002 JU ₇₆	2003 10 09.0	00 56.21 +03 34.2 19.5	-1.06 - 3.5	1.0/08.3	32026
2002 LR ₁₂	2003 10 09.0	00 56.24 -17 55.0 18.2	-0.80 - 2.9	8.1/01.2	34013
2001 FK ₁₇₅	2003 10 09.0	00 56.30 -13 24.4 19.0	-0.84 - 1.3	5.2/03.3	13847
2000 YL ₈₅	2003 10 09.0	00 56.34 -06 31.6 18.3	-0.91 - 6.0	4.6/05.0	35538
1999 WG ₂₀	2003 10 09.0	00 56.36 +12 56.5 18.2	-0.89 - 5.2	2.8/11.0	1546
2002 GY ₁	2003 10 09.0	00 56.39 -06 17.0 19.0	-0.93 - 6.4	4.8/05.2	50601
1999 TJ ₂₈₉	2003 10 09.0	00 56.56 -02 31.4 18.7	-0.85 - 5.7	3.2/06.3	13616
1999 UX ₁₄	2003 10 09.0	00 56.56 -04 18.6 19.1	-0.97 - 1.9	3.4/06.2	50432
2001 AZ ₄₉	2003 10 09.1	00 56.52 +25 51.4 19.6	-0.94 - 5.3	6.2/15.9	33892
1995 FF ₆	2003 10 09.1	00 56.53 -05 24.4 19.5	-0.70 - 8.0	3.4/04.9	47696
2002 KC ₁₄	2003 10 09.1	00 56.54 -02 31.4 18.2	-0.75 -10.7	2.9/05.9	33594
2001 CF ₁	2003 10 09.1	00 56.55 +08 51.7 17.2	-0.98 - 1.6	1.4/09.9	50520
2002 LY ₄₉	2003 10 09.1	00 56.57 -03 06.5 20.3	-0.97 - 4.5	3.3/06.4	33627
2002 CC ₅₂	2003 10 09.1	00 56.57 +02 54.3 19.0	-0.95 - 7.3	1.3/08.1	50590
1999 VO ₁₈₄	2003 10 09.1	00 56.62 -02 08.3 17.7	-0.92 - 2.8	3.5/06.7	1541
1999 VA ₁₆₇	2003 10 09.1	00 56.63 +12 33.0 18.8	-0.84 - 6.3	2.4/11.3	47824
2810 P-L	2003 10 09.1	00 56.63 +04 57.9 18.2	-0.88 - 7.5	0.5/08.8	32042
1999 VL ₁₅₁	2003 10 09.1	00 56.64 +09 39.7 20.3	-0.83 - 5.3	1.1/10.3	11665
2000 WT ₉₁	2003 10 09.1	00 56.67 +06 12.7 18.7	-0.99 - 5.3	0.1/09.2	31925
2000 CK ₇₆	2003 10 09.1	00 56.68 -09 54.4 18.9	-0.71 - 5.8	5.0/03.6	50459
2002 BP ₂₁	2003 10 09.1	00 56.70 -33 00.0 17.6	-1.56 + 7.0	18.3/01.3	48196
1987 BB ₂	2003 10 09.1	00 56.70 +08 30.8 17.2	-0.96 - 6.9	1.0/09.9	13531
2000 AO ₈₁	2003 10 09.1	00 56.72 +01 59.8 18.8	-0.79 - 6.0	1.4/07.8	50452
1998 FV ₁₀₃	2003 10 09.1	00 56.73 +11 25.5 18.3	-0.91 - 8.2	2.0/10.9	47727
1999 JZ ₃₅	2003 10 09.1	00 56.90 -03 34.7 20.0	-1.04 - 4.6	4.0/06.4	35469
1999 RJ ₁₆₀	2003 10 09.2	00 56.89 -05 19.0 18.4	-0.82 - 5.0	5.2/05.5	50419
2001 FM ₅₆	2003 10 09.2	00 56.94 +07 18.8 18.6	-0.71 - 7.7	0.4/09.6	48020
2001 FZ ₄₄	2003 10 09.2	00 56.95 +03 52.4 19.3	-0.82 - 5.6	0.7/08.5	48019
1999 NO ₁₉	2003 10 09.2	00 56.96 +06 14.1 17.6	-0.91 - 7.0	0.1/09.3	50412
2000 AT ₁₂₆	2003 10 09.2	00 56.99 +21 00.4 18.4	-0.83 - 4.3	4.8/14.1	50453

2000 CE ₈₃	2003 10 09.2	00 57.05 +06 24.3 19.7	-0.75 - 4.2	0.1/09.3	47852
2000 WS ₁₄₃	2003 10 09.2	00 57.09 -03 20.6 19.3	-0.88 - 4.9	2.9/06.3	33887
2002 HZ ₁	2003 10 09.2	00 57.10 -00 58.3 19.6	-1.01 - 4.3	2.7/07.2	31608
2001 EM ₈	2003 10 09.2	00 57.15 +03 18.7 19.2	-0.87 - 4.3	1.0/08.4	48015
1999 TQ ₁₅₄	2003 10 09.2	00 57.20 -00 38.8 18.6	-0.87 - 4.3	2.9/07.2	30323
2000 VL ₅₄	2003 10 09.2	00 57.28 +07 23.6 18.2	-1.07 - 4.1	0.5/09.6	31922
1998 QC ₆₇	2003 10 09.2	00 57.30 +13 04.2 18.0	-0.76 - 9.5	2.3/11.8	50388
1981 EW ₆	2003 10 09.3	00 57.28 +16 48.7 20.1	-1.00 - 6.1	4.1/12.7	26916
2002 AC ₁₂₉	2003 10 09.3	00 57.30 -31 17.3 19.8	-0.96 - 7.3	14.1/25.4	33525
2001 CQ ₄₉	2003 10 09.3	00 57.30 -21 42.5 20.2	-0.76 - 8.6	8.1/28.5	48010
2001 ES ₉	2003 10 09.3	00 57.30 +08 00.6 19.3	-0.94 - 3.3	0.6/09.9	13820
2001 FZ ₁₃₄	2003 10 09.3	00 57.35 +25 21.4 18.5	-0.92 - 6.2	6.6/15.9	13347
2001 HN ₄₈	2003 10 09.3	00 57.37 -13 13.8 19.9	-0.68 - 5.5	4.7/02.5	35554
2000 DH ₂₁	2003 10 09.3	00 57.37 +02 18.4 17.5	-0.72 - 5.4	1.2/08.1	50460
1998 QS ₉₆	2003 10 09.3	00 57.41 +18 46.6 19.5	-0.87 - 6.8	4.7/13.8	50389
1998 MD ₃	2003 10 09.3	00 57.41 -05 12.2 19.5	-0.86 - 4.9	4.5/05.8	47732
2000 YY ₁₀₁	2003 10 09.3	00 57.51 -00 21.7 18.0	-0.86 - 8.8	2.5/07.1	31932
2002 EK ₂₇	2003 10 09.3	00 57.51 +04 23.5 20.7	-0.92 - 4.7	0.5/08.8	30705
2000 CG ₁₁₂	2003 10 09.3	00 57.63 +22 56.4 18.9	-0.79 - 4.6	5.1/15.1	47853
2000 OS ₈	2003 10 09.3	00 57.68 +44 02.3 19.2	-1.53 + 0.6	17.7/22.2	29222
1999 RW ₂₁₂	2003 10 09.3	00 57.69 +19 30.9 18.3	-1.08 - 1.7	5.0/13.2	50421
2001 DM ₄₅	2003 10 09.3	00 57.69 +09 25.7 19.4	-0.86 - 5.6	1.1/10.4	48011
1999 UB ₅	2003 10 09.4	00 57.67 +15 55.1 19.1	-0.86 - 6.9	3.8/12.7	12181
1995 CP ₅	2003 10 09.4	00 57.68 +08 10.2 18.9	-0.75 - 5.9	0.8/10.1	46323
1997 CW ₁₂	2003 10 09.4	00 57.70 +03 59.4 20.6	-0.92 - 3.7	0.8/08.8	47709
1998 WJ ₂	2003 10 09.4	00 57.76 +22 05.9 18.8	-0.78 - 4.7	4.6/14.8	47757
1999 VC ₃₃	2003 10 09.4	00 57.77 +10 32.2 18.3	-0.81 - 5.5	1.9/10.9	38109
2002 LB ₅₃	2003 10 09.4	00 57.77 +13 01.0 19.7	-0.75 - 6.8	2.2/11.8	48240
2001 FP ₄₀	2003 10 09.4	00 57.79 +11 45.5 18.5	-1.03 - 0.9	2.0/10.9	50528
2000 CL ₈₉	2003 10 09.4	00 57.81 +05 35.3 17.2	-0.86 - 2.2	0.2/09.3	50459
3322 T-3	2003 10 09.4	00 57.85 +04 47.2 17.4	-0.74 -11.1	0.5/08.9	50812
1999 UO ₅₀	2003 10 09.4	00 57.87 -03 25.2 18.1	-0.80 - 4.9	4.4/06.4	50433
2001 FM ₃₄	2003 10 09.4	00 57.87 +02 39.7 18.3	-0.72 - 7.7	1.1/08.2	33902
1999 RG ₁₇₅	2003 10 09.4	00 57.98 +10 22.7 18.1	-0.98 - 2.3	1.9/10.7	49688
1020 T-2	2003 10 09.4	00 58.00 +03 41.3 18.5	-0.80 - 9.4	1.1/08.6	50810
2000 YQ ₆₂	2003 10 09.4	00 58.01 +16 55.0 19.0	-0.96 - 5.3	4.0/12.8	47999
2000 CP ₆₂	2003 10 09.4	00 58.04 +13 36.7 19.0	-0.77 - 5.8	2.3/12.0	47851
2001 DP ₈₃	2003 10 09.5	00 58.00 +05 19.9 21.4	-0.75 - 4.1	0.2/09.2	46524
2001 FC ₄₀	2003 10 09.5	00 58.08 +08 34.6 18.6	-0.84 - 4.5	0.8/10.3	50528
2001 AN ₄₁	2003 10 09.5	00 58.09 +29 47.0 18.5	-1.03 - 3.1	8.1/17.1	12270
2002 JY ₇	2003 10 09.5	00 58.21 -06 32.2 19.0	-0.95 - 5.0	4.8/05.7	50607
2001 DD ₉₉	2003 10 09.5	00 58.27 +03 47.3 18.4	-0.96 - 4.6	1.0/08.8	11918
2001 BD ₅₇	2003 10 09.5	00 58.31 +33 12.7 17.9	-0.93 - 6.5	9.8/20.0	50519
2000 YC ₁₀₂	2003 10 09.5	00 58.34 -12 34.4 18.8	-0.77 - 5.8	5.0/03.2	33890
2002 LE ₂₅	2003 10 09.5	00 58.35 +05 36.1 18.8	-0.81 - 7.5	0.2/09.4	50613
2001 FQ ₁₄₇	2003 10 09.5	00 58.39 +19 12.2 18.8	-0.80 - 5.6	3.9/14.0	33906
2001 DO ₂₃	2003 10 09.5	00 58.39 -02 48.9 19.9	-0.80 - 5.4	2.8/06.7	11870
1999 UB ₅₂	2003 10 09.5	00 58.40 -14 16.9 18.5	-0.73 - 7.6	8.7/01.9	50433
2000 VY ₁₀	2003 10 09.5	00 58.41 +04 44.1 18.1	-1.02 - 4.5	0.7/09.2	31920
2001 HC ₅₈	2003 10 09.5	00 58.43 -15 52.5 18.7	-0.91 - 0.9	6.9/03.2	13483
2002 JF ₁₁₅	2003 10 09.6	00 58.36 -08 00.0 19.3	-0.73 - 5.7	4.2/04.9	34004

2003 OCT. 10

M.P.C. 49797

2001 EW ₂	2003 10 09.6	00 58.43 -17 28.9 18.9	-0.91 - 3.0	7.4/02.1	13819
1999 VP ₁₄₇	2003 10 09.6	00 58.43 +10 09.5 19.0	-0.92 - 5.4	1.3/10.8	13624
1998 SY ₂₂	2003 10 09.6	00 58.43 +09 33.7 18.9	-0.71 - 8.6	1.1/10.8	47743
2002 GA ₈₉	2003 10 09.6	00 58.45 +10 15.1 17.1	-0.59 -27.5	1.6/11.5	50604
2002 EL	2003 10 09.6	00 58.48 -45 10.2 18.0	-1.37 + 6.5	24.8/22.5	30700
2002 JY ₁₁₄	2003 10 09.6	00 58.55 -23 46.5 19.4	-0.81 - 2.3	9.0/30.0	50086
1999 TU ₂₀₈	2003 10 09.6	00 58.57 +17 27.6 19.2	-1.09 - 0.4	4.2/12.5	19460
1999 RR ₁₁	2003 10 09.6	00 58.64 +03 12.7 18.9	-0.90 - 9.0	1.1/08.6	50414
1978 VF ₅	2003 10 09.6	00 58.66 -04 37.8 18.0	-0.99 - 3.8	4.1/06.5	50365
1998 HH ₃₇	2003 10 09.6	00 58.70 +08 25.9 19.4	-0.93 - 5.7	0.7/10.3	31229
2001 DK ₅₀	2003 10 09.6	00 58.75 +13 41.7 18.6	-1.06 - 1.1	2.6/11.7	11887
2001 DD ₄₅	2003 10 09.7	00 58.84 +01 05.7 18.4	-0.90 - 7.0	2.2/08.0	12299
2001 FB ₁₉₄	2003 10 09.7	00 58.90 +06 40.3 19.4	-0.89 - 3.5	0.1/09.9	27195
2000 WQ ₈₃	2003 10 09.7	00 58.95 +13 07.3 18.8	-1.05 - 5.0	2.9/11.8	31357
2001 FQ ₁₅	2003 10 09.7	00 58.98 +03 44.2 18.7	-0.72 - 7.2	0.8/08.9	33901
2000 AR ₂₅₀	2003 10 09.7	00 58.99 +06 03.4 21.1	-0.75 - 4.8	0.1/09.7	47846
2002 JX ₁	2003 10 09.7	00 59.01 -00 46.0 18.9	-0.91 - 2.6	2.4/07.8	32013
2002 GT ₆₈	2003 10 09.7	00 59.01 -10 10.0 18.4	-0.81 - 7.0	5.2/04.1	33982
1999 XB ₆₅	2003 10 09.7	00 59.03 +09 11.1 19.4	-0.81 - 6.6	1.1/10.7	47830
1997 CJ ₂₃	2003 10 09.7	00 59.08 +00 18.6 20.2	-0.87 - 5.9	2.1/07.9	47709
2001 GY ₅	2003 10 09.7	00 59.13 +03 58.5 19.4	-0.77 - 5.3	0.7/09.0	48027
1998 SG ₅₇	2003 10 09.8	00 59.16 +04 35.4 19.1	-0.83 - 4.2	0.6/09.3	47746
2002 EA ₁₁₅	2003 10 09.8	00 59.20 -06 58.3 19.0	-1.03 - 3.0	5.4/06.1	50599
2002 JF ₂₅	2003 10 09.8	00 59.23 -01 41.7 19.0	-0.86 - 5.3	2.7/07.3	32017
6284 P-L	2003 10 09.8	00 59.24 +04 59.3 18.2	-0.85 - 6.9	0.5/09.4	32042
2002 JS	2003 10 09.8	00 59.32 -02 14.4 19.1	-0.76 - 8.8	3.0/06.8	50606
2002 GU ₈	2003 10 09.8	00 59.33 -00 05.1 18.5	-1.00 - 1.6	2.1/08.2	31991
1998 SZ ₃₈	2003 10 09.8	00 59.33 +06 57.0 19.7	-0.83 - 5.5	0.2/10.1	47744
1999 XY ₁₁₂	2003 10 09.8	00 59.38 +23 35.6 16.8	-1.08 + 5.9	9.3/13.5	49761
2000 YM ₄₅	2003 10 09.8	00 59.38 +00 36.5 19.4	-0.90 - 7.1	2.2/08.0	47999
2002 JK ₂₂	2003 10 09.8	00 59.45 -06 16.1 18.1	-1.04 + 1.4	5.2/06.9	50607
2002 JU ₁₁₃	2003 10 09.8	00 59.48 +24 12.8 19.4	-0.90 -10.1	6.8/16.6	48237
2002 BB ₂₁	2003 10 09.8	00 59.49 -20 54.5 18.3	-1.63 + 7.6	13.3/05.7	50589
2000 BV ₁₄	2003 10 09.8	00 59.50 -04 37.9 18.4	-0.80 - 2.4	3.2/06.6	50456
2002 JM ₄₄	2003 10 09.9	00 59.47 +15 36.2 19.1	-0.97 - 6.3	3.3/12.9	48234
2000 YP ₁₄₂	2003 10 09.9	00 59.48 -03 00.4 20.0	-0.87 - 5.0	3.1/07.0	27762
2002 AS ₉₀	2003 10 09.9	00 59.49 -32 52.1 18.4	-0.80 -17.4	17.1/21.0	50586
2001 CO ₁₁	2003 10 09.9	00 59.51 +06 11.0 18.8	-0.97 - 4.6	0.1/09.9	48008
2000 AK ₁₂₄	2003 10 09.9	00 59.55 -24 36.0 18.0	-0.71 - 5.6	8.9/28.1	50453
2001 FH ₆₂	2003 10 09.9	00 59.65 -00 36.8 20.1	-0.73 - 6.7	2.1/07.6	13833
1998 RB ₅₈	2003 10 09.9	00 59.68 +03 53.8 19.3	-0.78 - 5.6	0.8/09.1	47741
2002 GX ₁₂₃	2003 10 09.9	00 59.69 -00 15.4 18.7	-0.90 -20.6	2.7/07.3	33988
1994 PU ₃₀	2003 10 09.9	00 59.80 +04 53.0 18.9	-0.77 - 9.0	0.6/09.4	50370
2000 DJ ₂₉	2003 10 09.9	00 59.88 -07 57.8 19.3	-0.69 - 7.2	4.4/04.8	50461
2000 YV ₁₂₅	2003 10 09.9	00 59.92 +12 48.0 20.2	-1.07 - 3.0	2.5/11.8	13802
2002 JN ₁₂	2003 10 10.0	00 59.82 +06 46.3 20.8	-0.93 - 6.7	0.1/10.1	32015
2002 GG ₁₆₉	2003 10 10.0	00 59.84 +09 37.1 20.0	-0.87 - 6.7	1.1/11.1	48231
2001 FT ₉₀	2003 10 10.0	00 59.85 +01 13.7 18.4	-0.78 - 4.6	1.5/08.4	41680
2002 LC ₄₄	2003 10 10.0	00 59.87 +15 01.5 20.1	-1.03 - 5.6	3.1/12.7	33624
2000 BO ₁₅	2003 10 10.0	00 59.89 -16 05.1 17.2	-0.89 - 0.8	7.5/03.4	50456
1999 RZ ₁₆₅	2003 10 10.0	00 59.95 +04 19.4 18.6	-0.93 - 6.3	0.8/09.4	13607

2002 JK ₁₅	2003 10 10.0	01 00.03 -06 08.3 19.4	-0.94 - 5.9	4.7/06.1	50607
2001 BD ₄₀	2003 10 10.0	01 00.10 -28 49.3 17.5	-0.65 -14.2	14.8/22.2	10707
2001 FW ₁₃	2003 10 10.0	01 00.11 +02 41.3 18.5	-0.72 - 5.8	1.1/08.8	50527
2000 YJ ₉₈	2003 10 10.0	01 00.15 +07 10.2 18.0	-0.95 - 5.5	0.3/10.3	12264
1999 TH ₃₁₅	2003 10 10.0	01 00.15 +04 27.8 19.6	-0.92 - 4.8	0.7/09.5	17065
2000 DP ₃₈	2003 10 10.0	01 00.17 -08 02.1 18.6	-0.67 - 7.6	4.2/04.8	23515
1998 QU ₃₂	2003 10 10.0	01 00.21 +22 20.9 19.0	-0.97 - 2.8	5.1/15.0	50388
1999 RZ ₂₁₃	2003 10 10.0	01 00.26 +02 26.2 19.1	-0.93 - 6.8	1.5/08.8	47797
1999 TJ ₁₁₃	2003 10 10.0	01 00.28 +17 26.7 19.3	-1.11 - 1.0	3.9/13.0	12171
1998 SA ₁₄₁	2003 10 10.1	01 00.19 +06 55.1 18.9	-0.80 - 4.4	0.2/10.3	12142
2002 JC ₆₆	2003 10 10.1	01 00.27 +03 49.5 20.3	-0.81 - 6.1	0.8/09.3	48235
1999 TK ₂₆	2003 10 10.1	01 00.37 +07 56.7 19.0	-0.89 - 5.1	0.5/10.6	11569
2000 YW ₃₉	2003 10 10.1	01 00.42 +04 27.0 20.1	-0.91 - 6.4	0.7/09.5	46521
1995 XY ₄	2003 10 10.1	01 00.47 +01 05.1 19.7	-0.83 - 6.3	1.8/08.4	47700
2001 BQ ₁₅	2003 10 10.1	01 00.47 +26 40.9 18.1	-1.03 - 2.1	6.6/16.3	13805
2002 FH ₃	2003 10 10.1	01 00.48 +05 30.2 18.1	-0.91 -21.7	0.4/09.8	50600
2229 T-3	2003 10 10.1	01 00.50 +11 29.3 19.5	-0.95 - 2.5	1.5/11.6	48392
2001 EY ₃	2003 10 10.1	01 00.52 -08 06.8 18.1	-0.79 -11.2	6.2/04.6	49907
2001 FL ₁₄₂	2003 10 10.1	01 00.56 +11 11.5 20.5	-0.73 - 5.2	1.3/11.8	48025
1999 VA ₁₆₂	2003 10 10.1	01 00.57 -01 44.9 19.1	-0.92 - 2.2	2.4/07.9	13625
1999 XD ₁₈₂	2003 10 10.1	01 00.63 -04 53.4 18.7	-1.08 + 1.6	4.5/07.5	50446
2001 AF ₂₁	2003 10 10.2	01 00.55 -06 40.1 18.8	-0.88 - 6.8	5.0/05.8	50516
1999 VD ₉₉	2003 10 10.2	01 00.56 +05 52.1 18.9	-0.86 - 5.6	0.2/10.0	47822
1999 TW ₁₅₄	2003 10 10.2	01 00.58 +01 35.0 18.2	-0.86 - 5.8	1.8/08.6	50427
2000 DZ ₁	2003 10 10.2	01 00.61 +08 12.4 19.7	-0.79 - 4.4	0.5/10.8	50460
2002 JC ₂₁	2003 10 10.2	01 00.63 +15 21.9 19.3	-0.91 - 7.3	3.4/13.2	31635
1999 VL ₁₆₂	2003 10 10.2	01 00.64 +07 39.7 19.1	-0.89 - 4.4	0.4/10.6	50438
1995 GW ₂	2003 10 10.2	01 00.64 +01 11.1 20.0	-0.81 - 2.3	1.3/08.7	40308
1999 XV ₁₂₉	2003 10 10.2	01 00.65 -04 48.3 17.3	-1.05 + 2.0	4.9/07.6	50445
2001 CQ ₅	2003 10 10.2	01 00.75 -06 00.8 19.6	-0.84 - 5.8	4.0/06.2	12284
2000 ET ₁₂	2003 10 10.2	01 00.78 -04 58.0 18.5	-0.77 - 2.5	3.2/06.8	50463
1999 XQ ₁₅₂	2003 10 10.2	01 00.83 -01 00.3 18.3	-0.81 - 6.6	2.6/07.8	50445
2001 AM ₃₃	2003 10 10.2	01 00.85 +07 31.4 19.3	-0.94 - 4.6	0.3/10.6	50517
1999 TM ₂₃₈	2003 10 10.2	01 00.87 -02 55.5 19.5	-1.01 - 1.3	4.0/07.7	47812
2002 JH ₁₃₄	2003 10 10.2	01 00.91 +13 46.7 19.4	-0.82 - 9.7	2.5/12.9	31750
1981 EF ₄₆	2003 10 10.2	01 00.97 +12 54.1 19.5	-1.03 - 5.2	2.5/12.2	31212
1999 XW ₉₉	2003 10 10.2	01 00.99 -10 01.2 18.4	-0.91 - 2.6	6.3/05.3	50444
2001 BH ₃₆	2003 10 10.2	01 01.00 -15 13.6 21.0	-0.83 - 4.9	6.8/03.1	33893
2001 FS ₈₁	2003 10 10.3	01 01.03 +21 24.7 20.0	-0.93 - 2.7	4.6/14.9	48022
2000 YE ₁₁₅	2003 10 10.3	01 01.06 -01 12.4 20.5	-0.86 - 5.1	2.3/07.9	48002
2000 DH ₉₃	2003 10 10.3	01 01.08 +14 12.3 18.6	-0.87 - 2.5	2.5/12.6	7005
1997 MO	2003 10 10.3	01 01.17 +02 36.3 20.4	-0.71 - 7.5	1.1/09.0	32967
1999 XA ₄₅	2003 10 10.3	01 01.21 +26 10.2 17.8	-0.73 -10.6	8.2/18.4	8465
2002 GK ₉₆	2003 10 10.3	01 01.24 +08 39.2 20.9	-0.94 - 5.7	0.7/11.0	48229
1999 TX ₁₉	2003 10 10.3	01 01.31 +07 02.7 19.0	-0.91 - 4.6	0.2/10.5	47800
2127 T-3	2003 10 10.3	01 01.31 +10 46.1 17.2	-1.01 - 1.6	1.5/11.5	50812
2001 GW ₄	2003 10 10.3	01 01.34 -09 08.4 19.8	-0.78 - 3.2	4.3/05.5	35063
2001 FP ₉₄	2003 10 10.4	01 01.33 -03 21.3 19.2	-0.76 - 3.6	2.8/07.3	50530
2000 AM ₁₇₀	2003 10 10.4	01 01.35 +17 45.0 17.4	-0.72 -11.9	4.3/14.8	50454
2001 FF ₁₇₆	2003 10 10.4	01 01.36 -07 00.0 19.0	-0.82 - 2.6	4.3/06.4	50532
2000 DP ₁₁₆	2003 10 10.4	01 01.40 -16 36.5 19.1	-0.69 - 6.5	6.3/01.9	35518

1999 TH ₁₉	2003 10 10.4	01 01.43 -02 07.3 17.5	-1.16 + 4.1	4.0/08.7	50423	1999 TC ₁₅	2003 10 10.7	01 02.73 +01 32.0 19.4	-0.89 - 5.9	1.5/09.2	11565
2001 FU ₃₃	2003 10 10.4	01 01.43 +01 55.6 19.3	-0.78 - 8.0	1.4/08.8	14421	2001 BU ₂₁	2003 10 10.7	01 02.75 -35 56.2 18.9	-1.11 - 2.5	15.5/23.6	11032
2000 EN ₇₅	2003 10 10.4	01 01.57 +09 39.6 19.0	-0.69 - 8.8	0.8/11.6	50464	1999 XE ₂₄₉	2003 10 10.7	01 02.75 +11 08.2 17.6	-0.73 - 9.0	1.9/12.4	18222
2002 BE ₁₇	2003 10 10.4	01 01.62 -18 57.1 20.5	-0.85 - 8.7	7.2/01.4	30632	1998 RX ₁₅	2003 10 10.8	01 02.77 +08 19.2 18.3	-0.81 - 4.9	0.6/11.3	50390
2002 JT ₁₃₁	2003 10 10.4	01 01.62 +07 23.4 18.8	-0.87 - 6.0	0.4/10.7	48237	1998 FD ₄₃	2003 10 10.8	01 02.81 +06 19.2 19.0	-0.91 - 6.6	0.1/10.7	50382
2000 AE ₁₅₃	2003 10 10.4	01 01.69 +12 46.7 18.8	-0.73 - 4.6	1.6/12.5	35506	1995 YO ₇	2003 10 10.8	01 02.82 +21 41.2 17.6	-0.78 -10.1	6.0/16.5	50374
2002 GW ₈₂	2003 10 10.4	01 01.71 -03 26.7 19.7	-0.91 - 7.2	3.8/07.2	31554	1999 VC ₅	2003 10 10.8	01 02.84 +02 45.2 18.0	-0.94 - 3.4	1.6/09.7	14147
1999 TH ₂₂₆	2003 10 10.5	01 01.67 +10 24.7 19.7	-0.95 - 5.2	1.4/11.7	30326	2001 FU ₁₈₀	2003 10 10.8	01 02.87 +04 40.4 19.0	-0.79 - 4.3	0.6/10.2	48027
2000 FA ₁₃	2003 10 10.5	01 01.71 -11 27.8 18.1	-0.87 - 0.7	5.5/05.3	17230	2000 AK ₉₉	2003 10 10.8	01 02.93 -13 57.8 18.3	-0.97 - 1.9	7.3/04.7	50452
1998 FT ₆₀	2003 10 10.5	01 01.71 +04 04.7 18.3	-0.89 - 8.4	0.9/09.7	31225	1999 VV ₁₆₆	2003 10 10.8	01 02.94 +08 33.6 18.7	-0.87 - 4.4	0.6/11.4	50438
1999 TV ₆₅	2003 10 10.5	01 01.75 +05 11.0 18.1	-0.92 - 6.3	0.6/10.1	47803	1999 SK ₂₁	2003 10 10.8	01 02.97 +08 39.9 20.0	-0.92 - 4.6	0.7/11.4	12161
2001 AC ₄₇	2003 10 10.5	01 01.90 -15 42.8 19.1	-1.21 - 0.6	7.6/04.5	13805	2001 HQ ₅₃	2003 10 10.8	01 02.99 -02 43.3 20.2	-0.71 - 4.2	2.4/07.8	14435
2002 JQ ₃₉	2003 10 10.5	01 01.93 -32 42.7 18.6	-1.02 + 2.5	11.8/30.3	35577	1998 FJ ₇₆	2003 10 10.8	01 02.99 -00 50.9 19.8	-1.05 - 3.5	2.9/08.7	47727
2002 GB ₂₁	2003 10 10.5	01 01.97 +07 06.1 19.1	-0.96 - 4.9	9.1/31.0	31503	2002 JQ ₇₁	2003 10 10.8	01 03.00 -02 29.8 20.1	-0.87 - 6.0	3.0/07.9	48235
2001 AO ₂₉	2003 10 10.5	01 02.00 -02 06.8 18.5	-1.03 - 3.2	3.4/08.1	50517	2001 FM ₁₅₂	2003 10 10.8	01 03.00 -00 41.1 19.0	-0.78 - 3.5	2.1/08.6	48026
2001 FZ ₇₇	2003 10 10.5	01 02.05 -03 46.3 18.2	-0.89 - 0.8	3.1/07.8	50529	1999 VC ₂₀₅	2003 10 10.8	01 03.11 +07 00.1 19.5	-0.83 - 5.8	8.9/21.0	47826
1999 VZ ₈	2003 10 10.5	01 02.07 -18 38.4 16.8	-0.98 - 2.3	10.5/02.3	50433	2002 GE ₁₆₆	2003 10 10.8	01 03.11 -10 01.5 19.0	-0.80 - 7.7	6.2/05.1	50605
2001 AP ₃₉	2003 10 10.5	01 02.08 +11 31.1 18.7	-0.95 - 7.1	1.9/12.2	31935	2002 EV ₈₄	2003 10 10.8	01 03.14 -01 47.3 19.1	-0.89 - 6.8	3.2/08.2	35172
2001 FM ₁₈₉	2003 10 10.6	01 02.02 +12 47.0 18.8	-0.91 - 3.6	2.2/12.4	17597	2000 EO ₁₁₀	2003 10 10.8	01 03.15 +03 55.6 18.3	-0.81 - 3.0	0.8/10.0	16058
1999 VB ₂₅	2003 10 10.6	01 02.04 -19 17.8 18.1	-0.89 - 2.0	10.3/02.2	50434	2002 GR ₂₅	2003 10 10.8	01 03.16 +12 14.0 17.7	-0.99 - 2.7	2.0/12.5	31993
1999 VT ₁₆₉	2003 10 10.6	01 02.05 +01 38.7 18.9	-0.89 - 3.3	1.7/09.1	13625	2001 CU ₂₇	2003 10 10.8	01 03.16 -12 40.5 18.7	-0.92 - 4.0	6.5/04.8	13811
1999 XM ₁₇₈	2003 10 10.6	01 02.07 -13 29.0 17.8	-0.81 - 2.8	6.3/04.3	50446	2002 FE ₅	2003 10 10.8	01 03.29 -06 33.5 17.8	-1.69 + 8.3	6.9/09.1	50600
2001 AP ₃	2003 10 10.6	01 02.07 -12 02.9 19.6	-0.92 - 6.7	6.5/04.3	48003	2000 EV ₂₇	2003 10 10.9	01 03.15 -17 06.9 20.0	-0.66 - 4.3	5.6/02.6	14836
2000 UD ₄₆	2003 10 10.6	01 02.07 +11 32.3 18.3	-1.01 - 6.9	2.2/12.2	50499	2001 AM ₅₀	2003 10 10.9	01 03.15 +10 46.3 19.7	-0.93 - 4.7	1.3/12.1	48005
2001 BG ₄	2003 10 10.6	01 02.07 -05 46.7 19.0	-0.90 - 4.0	3.8/06.8	34997	2001 BC ₃₃	2003 10 10.9	01 03.21 -00 26.6 19.1	-0.91 - 6.5	2.7/08.6	12276
2001 EP ₂₁	2003 10 10.6	01 02.09 +05 51.5 19.4	-0.72 - 7.1	0.2/10.4	50526	1998 UN ₁₆	2003 10 10.9	01 03.21 -08 30.0 17.6	-0.87 - 1.7	4.6/06.4	2636
1999 XA ₂₈	2003 10 10.6	01 02.10 +13 26.8 18.6	-0.88 - 6.3	2.4/12.8	13629	1998 KC ₅₈	2003 10 10.9	01 03.27 -04 24.8 19.0	-0.82 - 7.1	3.7/07.2	50387
2001 HU ₄₁	2003 10 10.6	01 02.11 +01 01.1 18.9	-0.86 - 1.9	1.8/09.0	27197	2002 GJ ₁₅	2003 10 10.9	01 03.31 +03 44.4 18.7	-1.06 - 3.5	1.2/10.1	30137
2000 XU ₄₇	2003 10 10.6	01 02.27 +13 55.2 18.1	-1.08 - 3.8	2.9/12.7	50510	2001 AH ₂₅	2003 10 10.9	01 03.34 -10 00.6 18.4	-0.83 - 4.2	5.2/05.7	33891
2001 HQ ₅₈	2003 10 10.6	01 02.27 +20 01.2 18.7	-0.78 - 5.7	3.9/15.2	35554	2001 CD ₄₀	2003 10 10.9	01 03.35 +02 28.9 20.5	-0.91 - 4.0	1.3/09.7	12291
2001 FW ₁₀	2003 10 10.6	01 02.29 +03 27.8 18.6	-0.68 - 7.6	0.9/09.5	33901	2000 CL ₅₅	2003 10 10.9	01 03.38 +00 10.4 18.9	-0.73 - 8.1	2.2/08.6	50458
1978 VZ ₈	2003 10 10.6	01 02.30 +01 42.9 18.1	-0.89 - 3.9	2.0/09.2	12102	1999 XG ₅₀	2003 10 10.9	01 03.42 +08 31.2 18.5	-0.83 - 5.9	0.7/11.5	47829
2001 DL ₇₁	2003 10 10.6	01 02.30 -00 03.8 19.8	-0.80 - 6.5	2.1/08.4	13815	2001 BT ₆₇	2003 10 10.9	01 03.43 +07 44.7 19.6	-0.90 - 4.4	0.3/11.3	12281
2002 LN ₁₆	2003 10 10.6	01 02.32 +03 21.7 20.3	-1.01 - 4.0	1.2/09.7	48239	2002 JX ₂₂	2003 10 10.9	01 03.47 +12 17.3 20.4	-0.84 - 9.0	1.7/12.9	48233
1998 HE ₃₇	2003 10 10.6	01 02.33 +10 04.1 18.9	-0.90 - 6.7	1.2/11.8	33766	2000 CP ₁₉	2003 10 10.9	01 03.48 +19 21.6 18.7	-0.80 - 4.8	4.0/15.1	19499
2001 BH ₆₄	2003 10 10.6	01 02.33 -05 06.6 20.3	-0.75 - 6.5	3.2/06.7	48007	2001 FT ₁₀₁	2003 10 10.9	01 03.50 +07 28.3 19.3	-0.75 - 8.6	0.2/11.2	33905
2001 FK ₁₀₆	2003 10 10.6	01 02.40 -04 44.5 18.6	-0.81 - 5.2	3.8/07.0	13333	2002 GK ₈₄	2003 10 10.9	01 03.52 -06 23.1 18.9	-0.88 - 5.4	5.3/06.9	31555
2000 WV ₄₈	2003 10 10.6	01 02.42 +04 50.1 18.3	-0.94 - 7.4	0.6/10.1	12253	2001 AG ₂₈	2003 10 10.9	01 03.55 -01 33.1 18.1	-1.10 - 0.5	3.6/08.9	12269
1999 XM ₁₁	2003 10 10.6	01 02.42 +15 51.6 17.1	-0.77 - 2.8	4.7/13.6	49754	1999 VB ₃₀	2003 10 10.9	01 03.56 +08 48.4 18.7	-0.83 - 5.9	0.6/11.7	50434
2000 CB ₉₈	2003 10 10.6	01 02.43 -03 07.9 19.8	-0.72 - 4.6	2.6/07.5	33864	1996 XC ₂₆	2003 10 11.0	01 03.49 +09 18.0 18.4	-0.94 - 5.6	1.1/11.8	47707
2002 BH ₂₁	2003 10 10.6	01 02.43 -25 51.2 19.7	-1.64 + 5.8	15.5/04.1	48196	1981 EQ ₃₈	2003 10 11.0	01 03.52 +02 27.8 20.7	-0.80 - 9.4	1.4/09.5	50366
2000 WQ ₁₂₆	2003 10 10.6	01 02.47 +13 47.6 19.3	-0.95 - 8.0	2.5/13.0	33887	1995 FJ ₂₀	2003 10 11.0	01 03.54 +03 46.1 20.7	-1.00 - 5.8	1.1/10.1	35438
2001 DL ₁₆	2003 10 10.7	01 02.39 +12 57.9 20.1	-0.93 - 2.8	1.8/12.5	13813	2001 FH ₁₃	2003 10 11.0	01 03.57 +03 56.4 19.4	-0.82 - 5.1	1.0/10.1	48017
2001 FO ₁₈₉	2003 10 10.7	01 02.41 +09 17.1 19.9	-0.85 - 5.0	0.9/11.5	48027	2002 EC ₁₀₄	2003 10 11.0	01 03.58 -09 09.3 19.9	-0.90 - 6.4	5.6/06.0	31982
2002 HX ₁	2003 10 10.7	01 02.45 -00 58.1 17.4	-1.05 + 0.2	3.2/08.9	32010	1998 KL ₁₆	2003 10 11.0	01 03.61 -06 14.8 20.1	-0.98 - 2.1	4.7/07.5	50386
2135 P-L	2003 10 10.7	01 02.51 +10 32.4 18.8	-0.98 - 4.4	2.0/11.9	7400	2001 CJ ₂₇	2003 10 11.0	01 03.63 +17 20.9 19.9	-1.08 - 2.2	3.8/13.9	11844
2000 UK ₄₂	2003 10 10.7	01 02.53 +00 52.4 18.4	-1.04 - 5.0	2.3/09.0	35536	2002 LF	2003 10 11.0	01 03.68 +00 49.4 18.7	-0.91 - 8.4	2.3/09.1	35579
1996 XP ₉	2003 10 10.7	01 02.54 +11 45.9 19.8	-1.05 - 3.2	2.2/12.1	16745	2001 FQ ₇₁	2003 10 11.0	01 03.69 -00 09.6 20.7	-0.78 - 5.6	2.0/08.8	48021
1999 TN ₁₉₃	2003 10 10.7	01 02.57 +10 22.0 18.3	-1.03 - 1.5	1.3/11.7	50428	1999 XD ₁₈₃	2003 10 11.0	01 03.73 +08 00.4 17.9	-0.89 - 0.3	0.6/11.4	18221
2000 WX ₇₈	2003 10 10.7	01 02.66 +02 45.8 18.7	-1.09 - 3.1	1.6/09.7	50506	2003 RT ₈	2003 10 11.0	01 03.74 -17 24.9 18.3	-0.65 - 9.9	10.5/31.0	50326
1999 RK ₁₈₁	2003 10 10.7	01 02.67 +08 11.6 17.5	-1.01 - 2.9	0.6/11.0	50419	1999 UE ₄₈	2003 10 11.0	01 03.76 +11 33.1 19.1	-0.95 - 3.8	1.5/12.5	9237

2003 OCT. 10

M.P.C. 49799

2001 FG ₁₆₆	2003 10 11.0	01 03.79 +04 32.0 20.8	-0.74 - 4.2	0.6/10.3	48026
1998 DW ₂₅	2003 10 11.0	01 03.79 +04 56.1 20.9	-0.96 - 5.2	0.7/10.5	47724
2000 AY ₇₈	2003 10 11.0	01 03.82 +13 45.1 17.0	-0.79 - 7.5	2.6/13.5	47841
1999 XT ₆₀	2003 10 11.0	01 03.90 +15 44.3 19.0	-0.83 - 6.7	2.7/14.1	35493
2000 YB ₇₇	2003 10 11.0	01 03.90 -08 37.4 18.8	-0.96 - 3.9	6.5/06.5	31931
2002 JS ₆₀	2003 10 11.0	01 03.93 -00 00.4 20.0	-0.82 - 7.8	2.3/08.8	50609
2001 BC ₆₀	2003 10 11.0	01 03.93 +05 34.8 18.9	-0.91 - 6.8	0.5/10.7	48007
2002 LT ₂₀	2003 10 11.0	01 03.94 +36 06.0 17.4	-1.04 - 2.7	10.2/20.8	50613
2000 YM ₅₅	2003 10 11.1	01 03.86 +14 13.8 19.0	-0.95 - 6.7	2.6/13.5	9503
1998 XG ₇	2003 10 11.1	01 03.88 +00 35.9 19.4	-0.76 - 4.1	1.8/09.1	16877
1999 RQ ₈₂	2003 10 11.1	01 03.89 +21 36.0 18.5	-1.07 - 3.0	4.9/15.4	35476
2000 CX ₈₉	2003 10 11.1	01 03.92 -09 03.7 19.6	-0.74 - 4.3	4.3/05.9	33863
2002 JD ₈₁	2003 10 11.1	01 03.92 +07 58.5 19.2	-0.96 - 3.8	0.5/11.5	31717
2002 KO ₄	2003 10 11.1	01 03.93 +05 53.0 20.5	-0.93 - 6.2	0.3/10.8	48238
2002 GZ ₅₃	2003 10 11.1	01 03.99 -06 00.4 18.3	-0.82 - 9.1	4.9/06.6	50603
2000 YC ₆₄	2003 10 11.1	01 04.01 +07 18.4 19.9	-0.87 - 6.1	0.2/11.3	48000
2001 FH ₁₁₇	2003 10 11.1	01 04.01 -00 37.6 17.3	-1.21 + 2.3	2.8/09.5	50531
2000 CR ₁₁₆	2003 10 11.1	01 04.16 -12 28.6 18.1	-0.77 - 3.9	6.4/04.8	50459
2000 WU ₉	2003 10 11.1	01 04.16 +01 46.1 20.8	-0.99 - 4.4	1.8/09.7	47987
2000 EM ₁₆₆	2003 10 11.1	01 04.17 -14 49.2 17.6	-0.77 - 3.8	7.3/03.9	50467
1998 SQ ₈₁	2003 10 11.1	01 04.18 +04 39.9 17.9	-0.79 - 5.6	0.7/10.5	47747
1994 AR ₅	2003 10 11.1	01 04.20 +04 21.5 20.2	-0.94 - 5.5	0.8/10.4	47690
1999 VG ₈₄	2003 10 11.1	01 04.23 +06 53.5 19.0	-0.98 - 4.1	0.0/11.2	33135
1999 NW ₂₀	2003 10 11.1	01 04.29 -05 06.7 18.0	-0.98 - 4.5	4.8/07.7	50412
2002 GL ₁₂	2003 10 11.2	01 04.36 +02 17.1 19.4	-1.04 - 2.4	1.5/10.0	31991
1994 AE ₇	2003 10 11.2	01 04.46 -00 19.7 19.7	-0.94 - 5.7	2.6/09.1	35436
2001 BD ₄₄	2003 10 11.2	01 04.46 -12 09.9 19.6	-0.77 - 6.9	5.6/04.6	35001
2001 FA ₁₃₅	2003 10 11.2	01 04.49 +19 19.7 18.7	-0.78 - 7.9	3.7/15.7	50531
2000 CY ₈₄	2003 10 11.2	01 04.52 +16 44.0 18.9	-0.83 - 2.7	2.7/14.2	47852
1998 EV ₁₃	2003 10 11.2	01 04.54 +04 40.8 18.9	-0.99 - 4.9	0.8/10.6	47724
1997 GC ₂	2003 10 11.2	01 04.56 +06 35.0 19.1	-0.83 - 6.1	0.1/11.2	50378
2000 DW ₁₇	2003 10 11.2	01 04.63 +22 05.7 18.5	-0.81 - 4.9	4.8/16.4	50460
1998 KK ₂₆	2003 10 11.2	01 04.64 +26 43.8 19.1	-0.93 - 5.4	6.2/18.0	10855
2002 LR ₇	2003 10 11.2	01 04.68 -08 25.7 20.0	-0.96 - 5.6	5.5/06.5	31771
2000 AY ₁₈₇	2003 10 11.3	01 04.62 -15 50.7 19.6	-0.81 - 6.3	7.8/03.1	50455
1999 VC ₈₈	2003 10 11.3	01 04.75 -12 13.9 18.5	-0.98 - 0.6	6.8/06.0	1528
2002 JK ₂₁	2003 10 11.3	01 04.82 +07 32.9 19.1	-0.90 - 4.3	0.2/11.5	50607
1998 SX ₅	2003 10 11.3	01 04.85 +01 14.1 18.4	-0.77 - 7.1	1.9/09.4	47742
1997 AE ₂₂	2003 10 11.3	01 04.87 +05 01.6 18.6	-0.92 - 5.9	0.8/10.8	47708
2001 AF ₄₆	2003 10 11.3	01 04.87 -37 02.5 21.4	-0.99 - 2.1	10.8/26.0	12271
1996 GS ₁₈	2003 10 11.3	01 04.88 +02 53.8 18.8	-0.80 - 3.7	1.3/10.1	27585
2000 XO ₃₃	2003 10 11.3	01 04.96 +21 51.3 17.0	-1.09 - 2.5	6.9/15.6	9891
2002 JS ₆₉	2003 10 11.3	01 04.99 -07 12.0 19.0	-0.93 - 4.9	5.5/07.1	32025
2001 CG	2003 10 11.3	01 04.99 -06 42.8 18.9	-0.94 - 4.3	4.7/07.2	12283
1027 T-2	2003 10 11.3	01 04.99 +02 38.1 19.4	-0.74 - 7.5	1.4/09.9	50810
2002 EX ₁₄₄	2003 10 11.3	01 05.01 -05 55.4 19.8	-0.88 - 4.6	4.3/07.5	31985
1999 VU ₁₂₈	2003 10 11.3	01 05.06 +03 50.2 19.6	-0.98 - 4.1	1.3/10.5	34809
2000 WS ₈₀	2003 10 11.3	01 05.06 +04 09.7 18.9	-1.04 - 4.1	1.1/10.6	31924
2001 DN ₂₈	2003 10 11.4	01 04.97 +06 17.4 19.2	-0.86 - 3.7	0.2/11.2	12296
1999 RW ₂₂	2003 10 11.4	01 05.01 +13 06.1 19.1	-0.90 - 4.9	2.7/13.3	47787
2000 XP ₄₅	2003 10 11.4	01 05.02 -00 30.7 18.6	-1.26 + 0.2	2.7/09.7	12260

1998 HY ₁₁₉	2003 10 11.4	01 05.03 -03 20.4 19.2	-0.85 - 8.1	3.6/07.9	50386
1999 XL ₁₀₆	2003 10 11.4	01 05.05 +23 02.9 17.7	-0.82 - 9.9	6.0/17.4	50444
2000 FF ₁₅	2003 10 11.4	01 05.09 -03 51.7 20.5	-0.89 - 1.0	2.6/08.4	1585
2002 CX ₂₅	2003 10 11.4	01 05.25 +14 01.9 17.6	-1.32 + 0.4	2.6/13.1	49975
2001 BV ₄₂	2003 10 11.4	01 05.26 +19 37.2 18.2	-0.89 - 6.4	4.2/15.7	12277
1999 XQ ₁₇₂	2003 10 11.4	01 05.28 -09 22.9 19.7	-0.80 - 2.7	4.7/06.5	47834
1998 FM ₁₄₁	2003 10 11.4	01 05.30 +09 49.3 19.8	-0.92 - 6.4	1.0/12.4	30267
2000 CC ₂₄	2003 10 11.4	01 05.31 -09 16.8 19.2	-0.71 - 5.7	4.5/05.9	35510
2001 FD ₁₁₇	2003 10 11.4	01 05.31 -02 07.9 20.1	-0.67 - 9.9	2.3/08.1	13841
1999 VS ₁₇₆	2003 10 11.5	01 05.35 +14 47.8 17.8	-0.87 - 8.1	3.0/14.2	50439
1999 TN ₁₈₇	2003 10 11.5	01 05.36 +24 07.7 18.9	-1.02 - 3.1	6.6/16.6	12958
1998 RR ₄₉	2003 10 11.5	01 05.43 +04 09.6 18.7	-0.83 - 4.2	0.9/10.7	47740
2001 BT ₃	2003 10 11.5	01 05.46 +24 34.3 17.7	-1.13 + 2.8	9.4/15.8	49886
2002 FO	2003 10 11.5	01 05.48 -06 44.5 18.9	-0.82 -28.0	6.2/05.5	48224
2002 EQ ₁₂₉	2003 10 11.5	01 05.54 +14 18.2 18.6	-1.03 - 5.4	3.2/13.8	30075
2001 DR ₄₃	2003 10 11.5	01 05.54 +05 23.1 17.4	-0.86 - 6.2	0.7/11.0	50524
1999 XD ₁₁₉	2003 10 11.5	01 05.56 +19 29.8 17.7	-0.83 - 6.2	5.4/16.0	47832
2001 BL ₅₈	2003 10 11.5	01 05.57 +19 10.5 19.9	-0.94 - 4.4	3.9/15.3	35002
2002 JS ₂₀	2003 10 11.5	01 05.61 -00 53.8 19.0	-0.78 - 7.5	2.8/08.9	50607
2001 KK ₆₂	2003 10 11.5	01 05.62 +06 08.1 18.7	-0.71 - 7.3	0.3/11.3	33912
2002 HO ₉	2003 10 11.5	01 05.67 +01 45.0 19.4	-1.05 - 4.5	2.1/10.1	32012
2000 AM ₉₅	2003 10 11.5	01 05.73 -06 05.1 19.6	-0.69 - 4.8	3.1/07.2	697
2001 BJ ₇₁	2003 10 11.5	01 05.77 +08 08.9 18.8	-0.94 - 5.0	0.4/11.9	48007
2002 JB ₂₄	2003 10 11.6	01 05.73 +04 30.8 19.7	-0.87 - 6.5	0.9/10.8	48233
2002 LP ₂	2003 10 11.6	01 05.75 +11 51.4 19.8	-0.85 - 7.8	1.5/13.3	48238
2001 DA ₃₂	2003 10 11.6	01 05.77 +04 33.2 20.8	-0.82 - 4.4	0.7/10.9	11876
2000 DO ₆₀	2003 10 11.6	01 05.84 +10 43.7 19.2	-0.77 - 3.6	1.0/12.8	46396
2001 FK ₁₁₂	2003 10 11.6	01 05.85 +14 12.7 19.9	-0.73 - 5.1	1.8/14.0	33398
1992 BM ₄	2003 10 11.6	01 05.89 +05 56.5 19.0	-0.89 - 4.3	0.4/11.3	47684
2002 EG ₉₈	2003 10 11.6	01 05.93 -04 46.9 18.2	-0.96 - 5.8	4.6/08.0	30720
1999 UC ₁₈	2003 10 11.6	01 05.97 +01 23.0 19.1	-1.04 - 1.2	2.2/10.2	17066
2002 CU ₂₁₇	2003 10 11.6	01 05.98 +03 36.8 19.7	-1.02 - 5.8	1.5/10.7	48210
2001 EP	2003 10 11.6	01 06.02 -09 44.3 18.4	-0.79 - 3.2	5.2/06.5	50526
2001 BK ₄₄	2003 10 11.6	01 06.04 -14 35.1 18.7	-0.79 - 9.2	7.4/03.5	12277
2001 BQ	2003 10 11.6	01 06.04 +07 42.0 19.0	-0.97 - 3.8	0.2/11.9	13805
2000 WR ₈	2003 10 11.6	01 06.05 +16 14.9 18.6	-1.05 - 4.0	3.9/14.4	47987
2000 AV ₁₀₁	2003 10 11.6	01 06.07 -01 59.2 17.9	-0.83 - 7.3	3.5/08.6	2716
2002 NM ₅₀	2003 10 11.6	01 06.08 +15 53.5 18.9	-0.84 - 2.8	2.7/14.4	48242
2002 JQ ₁₂	2003 10 11.6	01 06.08 +11 09.5 19.1	-1.06 - 3.4	1.6/12.8	48232
2001 FX ₁₇₆	2003 10 11.6	01 06.10 -13 50.7 19.4	-0.87 - 4.2	6.8/04.9	18315
1996 XX ₁₆	2003 10 11.6	01 06.10 +04 05.1 20.0	-0.96 - 4.9	1.1/10.8	50377
2000 DL ₅₂	2003 10 11.6	01 06.10 +16 18.8 18.4	-0.83 - 2.7	2.8/14.5	26932
1996 XO ₁	2003 10 11.6	01 06.12 +16 26.7 17.9	-0.95 - 5.6	3.6/14.6	50376
2002 JR ₁₉	2003 10 11.7	01 06.09 +02 56.2 18.5	-0.91 - 9.8	1.6/10.3	31633
2000 OP ₈	2003 10 11.7	01 06.10 -34 04.6 20.1	-1.06 - 6.5	17.0/26.0	30358
1994 AE ₃	2003 10 11.7	01 06.11 +10 05.5 19.5	-0.97 - 5.3	1.1/12.6	31804
2001 BQ ₆₂	2003 10 11.7	01 06.15 +18 58.0 18.3	-1.01 - 5.3	4.7/15.3	12280
2001 FK ₂₅	2003 10 11.7	01 06.17 +27 20.4 20.7	-1.01 - 0.5	5.3/17.6	14421
2000 DB ₆₂	2003 10 11.7	01 06.20 -00 53.7 19.7	-0.67 - 6.0	2.0/09.0	34903
1998 FX ₈₇	2003 10 11.7	01 06.27 -01 36.4 19.1	-0.94 - 5.7	3.1/09.1	33765
2002 CC ₄₃	2003 10 11.7	01 06.28 +03 42.1 17.5	-1.09 - 3.1	1.4/10.9	50590

2353 T-3	2003 10 11.7	01 06.30 +11 35.1 19.9	-0.83 - 6.7	1.5/13.2	12344
2001 JT ₆	2003 10 11.7	01 06.36 +18 43.6 18.6	-0.76 - 5.1	3.3/15.7	14282
2002 JT ₁₁₅	2003 10 11.7	01 06.43 -14 43.6 20.8	-0.97 - 0.4	7.4/06.0	33576
2001 HU ₅₈	2003 10 11.7	01 06.44 +18 23.9 19.0	-0.78 - 5.4	3.5/15.6	33910
2002 EP ₉₀	2003 10 11.7	01 06.49 +08 15.5 17.7	-1.08 - 2.3	0.6/12.1	50031
1999 UE ₁₅	2003 10 11.8	01 06.50 +00 02.9 17.8	-0.94 0.0	3.4/10.0	50432
2001 DW ₂₀	2003 10 11.8	01 06.53 -14 30.0 19.9	-0.71 - 5.0	5.2/04.5	33372
1998 FJ ₄₂	2003 10 11.8	01 06.74 +10 11.7 19.0	-0.94 - 6.2	1.0/12.8	47726
2000 YZ ₆	2003 10 11.8	01 06.79 +13 27.8 19.6	-1.00 - 5.0	2.3/13.8	47997
2000 CL ₉₃	2003 10 11.8	01 06.82 -02 10.7 19.5	-0.73 - 5.9	2.6/08.8	47852
2000 CY ₉₃	2003 10 11.8	01 06.84 +01 53.5 19.7	-0.70 - 4.7	1.3/10.2	47852
2002 LA ₃₅	2003 10 11.9	01 06.80 -03 22.1 19.2	-0.72 - 7.4	3.4/08.3	48239
2001 BE ₄₀	2003 10 11.9	01 06.81 -09 11.5 18.8	-0.87 - 3.1	5.1/07.1	33893
1999 XY ₉₅	2003 10 11.9	01 06.82 +06 04.3 18.1	-0.91 - 2.9	0.4/11.6	50444
2001 BO ₁₄	2003 10 11.9	01 06.83 +00 11.4 19.8	-0.85 - 6.1	2.1/09.7	13805
2002 ES ₅₄	2003 10 11.9	01 06.85 +12 52.3 16.6	-0.72 -13.1	2.7/14.2	50597
2002 JV ₁₂₁	2003 10 11.9	01 06.86 -11 02.8 18.8	-0.80 - 7.2	6.2/05.7	34006
2002 GX ₈	2003 10 11.9	01 06.90 +10 36.5 18.8	-0.87 -14.3	1.2/13.2	48226
1999 RK ₂₀₃	2003 10 11.9	01 06.93 +33 29.5 18.9	-1.06 - 2.8	10.6/20.3	17039
2003 NE ₅	2003 10 11.9	01 06.93 +65 53.2 18.3	-1.08 - 7.2	23.7/05.0	50239
2001 BT ₁₂	2003 10 11.9	01 06.94 -13 49.1 20.2	-0.85 - 6.0	7.2/04.9	33356
2000 YN ₁₁₅	2003 10 11.9	01 06.96 +05 36.3 19.1	-0.91 - 4.8	0.5/11.5	13802
2001 AR ₄₇	2003 10 11.9	01 07.05 -18 50.2 19.3	-1.09 + 0.8	7.8/05.2	13805
1999 RZ ₈₅	2003 10 11.9	01 07.10 -03 00.0 17.9	-0.82 - 7.4	4.2/08.5	35476
2001 CJ ₁₁	2003 10 11.9	01 07.11 +02 39.1 19.8	-1.00 - 5.6	1.9/10.6	48008
2002 GT ₅₃	2003 10 11.9	01 07.13 +02 38.9 20.2	-0.81 - 9.6	1.5/10.4	50603
2001 BR ₁₅	2003 10 11.9	01 07.18 +01 48.5 20.0	-0.88 - 5.6	1.8/10.3	12273
1999 XL ₁₁₉	2003 10 11.9	01 07.26 +03 04.8 18.1	-0.96 - 1.9	1.5/10.9	50444
1998 VF ₂₅	2003 10 12.0	01 07.19 +00 26.0 18.5	-0.82 - 3.0	2.5/10.0	47755
1999 TF ₁₇₉	2003 10 12.0	01 07.23 +12 11.9 20.5	-0.83 - 8.3	1.8/13.7	12174
1999 VK ₁₉₇	2003 10 12.0	01 07.26 -06 12.7 18.6	-1.15 + 3.2	5.9/09.2	31304
1999 VO ₉₀	2003 10 12.0	01 07.27 +10 08.5 18.8	-0.78 -10.8	1.2/13.1	47822
2002 JU ₆₆	2003 10 12.0	01 07.30 -14 23.4 18.3	-1.01 + 0.4	8.3/06.4	50609
1999 WU ₁₈	2003 10 12.0	01 07.40 +04 33.5 20.3	-0.88 - 4.7	0.9/11.3	47827
2002 JJ ₉₇	2003 10 12.0	01 07.41 -18 46.9 18.6	-0.97 - 0.7	9.2/04.9	32028
1996 AX ₈	2003 10 12.0	01 07.49 +03 21.0 20.1	-0.81 - 5.8	1.3/10.8	47701
2002 JS ₂₉	2003 10 12.0	01 07.49 -02 01.3 19.0	-0.89 - 4.1	3.6/09.3	48233
2002 LN ₁₄	2003 10 12.0	01 07.50 +13 12.9 18.9	-0.84 - 5.8	2.2/14.0	33601
2001 FD ₈₁	2003 10 12.0	01 07.50 +19 44.6 20.2	-0.88 - 6.1	4.3/16.2	48022
1996 XF ₁₆	2003 10 12.0	01 07.52 -01 10.9 20.1	-1.01 - 3.3	3.2/09.8	47707
2002 RN ₂₀₃	2003 10 12.0	01 07.57 +39 47.0 19.7	-1.15 - 0.3	9.2/22.0	40996
1995 FV ₇	2003 10 12.0	01 07.57 +01 13.8 18.7	-1.08 - 2.3	2.4/10.5	47696
2002 JT ₁₅	2003 10 12.0	01 07.58 +09 07.6 19.6	-0.87 - 9.0	0.6/12.7	32016
2002 JJ ₂₄	2003 10 12.1	01 07.59 -04 10.6 18.1	-1.01 - 3.2	4.4/08.9	50607
1996 XS ₁₃	2003 10 12.1	01 07.65 +05 32.0 19.2	-0.95 - 4.9	0.7/11.6	47707
1999 TU ₂₁₆	2003 10 12.1	01 07.66 +08 11.0 18.6	-0.96 - 2.5	0.4/12.4	47810
2737 P-L	2003 10 12.1	01 07.74 +02 37.6 19.0	-0.93 - 3.7	1.9/10.8	35664
1999 VW ₂₁₉	2003 10 12.1	01 07.81 +08 09.9 18.1	-0.73 -12.2	0.4/12.5	47826
2002 CL ₅₈	2003 10 12.1	01 07.82 -25 57.5 18.8	-0.76 -18.6	14.9/26.2	30647
2000 WB ₅₆	2003 10 12.1	01 07.85 -00 34.7 18.0	-0.96 - 4.1	3.0/09.9	33886
2001 HK ₄₀	2003 10 12.1	01 07.86 -10 21.1 18.6	-0.71 - 4.2	4.7/06.4	50534

1999 TP ₂₈₈	2003 10 12.1	01 07.89 +04 07.9 18.7	-0.78 - 6.1	1.4/11.2	49727
2000 UK ₁₀₃	2003 10 12.1	01 07.92 +13 55.2 18.0	-1.06 - 4.8	2.7/14.1	50501
2002 LT ₆	2003 10 12.2	01 07.94 +05 00.0 18.2	-0.79 - 7.2	0.8/11.5	50612
2000 DS ₉₅	2003 10 12.2	01 07.96 -15 39.9 20.0	-0.71 - 6.7	6.4/03.8	20753
2567 P-L	2003 10 12.2	01 08.00 +07 08.3 18.2	-0.84 - 4.2	0.0/12.2	50809
1998 SE ₁₅₆	2003 10 12.2	01 08.04 +06 57.6 19.0	-0.82 - 4.3	0.1/12.1	47750
2001 BJ ₅₆	2003 10 12.2	01 08.12 -17 08.8 19.5	-0.83 - 5.5	7.8/03.9	12278
1997 MT ₄	2003 10 12.2	01 08.13 -16 56.0 18.7	-0.81 - 3.0	7.4/04.6	50378
1999 TV ₂₄₈	2003 10 12.2	01 08.14 +10 03.4 17.5	-0.69 -12.4	1.2/13.3	50430
2001 HE ₁₉	2003 10 12.2	01 08.16 +10 05.2 19.7	-0.75 - 6.2	0.9/13.2	48028
2002 GX ₇₇	2003 10 12.2	01 08.17 +10 20.3 19.1	-1.07 - 3.9	1.2/13.1	32000
2001 FH ₁₂₃	2003 10 12.2	01 08.18 +10 36.6 18.2	-0.82 - 6.1	1.2/13.4	14424
1999 WH ₂	2003 10 12.2	01 08.28 -01 15.6 18.7	-1.02 + 1.0	4.0/10.2	49752
2001 FU ₅₀	2003 10 12.2	01 08.29 +09 21.2 18.8	-0.78 - 3.7	0.6/12.9	33903
1999 UQ ₄₄	2003 10 12.2	01 08.29 -02 24.8 17.7	-0.71 - 5.4	4.7/09.1	49734
2000 CH ₂₀	2003 10 12.2	01 08.33 -07 14.7 18.2	-0.72 - 6.6	4.9/07.2	50457
1999 XU ₁₂₈	2003 10 12.2	01 08.38 +22 51.6 19.1	-1.09 - 0.6	5.8/16.4	17103
2002 JA ₁₂₁	2003 10 12.3	01 08.31 -19 13.5 19.0	-0.99 - 1.0	9.2/04.9	50611
2002 GQ ₂	2003 10 12.3	01 08.32 -45 06.7 17.7	-1.15 + 5.8	17.8/30.6	33977
2000 AG ₁₇₃	2003 10 12.3	01 08.36 +13 08.0 17.7	-0.79 - 8.2	2.1/14.3	13649
2002 JF ₁₂₄	2003 10 12.3	01 08.39 -19 07.7 19.5	-0.98 0.0	10.2/05.1	31746
1999 XV ₂₀₆	2003 10 12.3	01 08.41 -14 57.5 19.2	-0.91 - 1.9	7.3/05.5	14172
2001 DQ ₄₈	2003 10 12.3	01 08.42 +07 04.5 19.5	-1.05 - 3.0	0.1/12.3	48011
2002 GG ₁₃₄	2003 10 12.3	01 08.46 +11 18.7 18.6	-0.89 - 9.1	1.8/13.7	48230
1998 RE ₂₄	2003 10 12.3	01 08.48 +09 25.4 18.1	-0.88 - 3.5	0.8/13.0	27609
1999 TD ₂₀₂	2003 10 12.3	01 08.54 +10 13.1 19.1	-0.90 - 5.4	1.2/13.3	47810
2000 YO ₁₁₁	2003 10 12.3	01 08.55 -07 34.0 17.3	-0.92 - 2.9	7.0/08.0	50515
2001 EG ₁₀	2003 10 12.3	01 08.58 +13 05.0 18.8	-1.05 - 0.5	2.1/13.8	11942
1999 JM ₉₃	2003 10 12.3	01 08.60 -00 41.7 18.7	-0.91 - 8.8	3.4/09.7	41577
2000 CN ₇	2003 10 12.3	01 08.63 +19 09.8 18.1	-0.90 - 2.3	4.1/16.0	49787
2001 BL ₂₉	2003 10 12.3	01 08.68 +32 37.2 18.7	-1.02 - 4.8	8.3/21.3	17537
2002 JS ₁₂₈	2003 10 12.3	01 08.71 +02 32.4 20.2	-0.85 - 6.2	1.6/10.9	48237
1998 HB ₁₀₁	2003 10 12.3	01 08.71 +10 47.6 20.2	-0.90 - 7.8	1.2/13.5	10323
1999 NA ₁₆	2003 10 12.4	01 08.71 +18 50.2 18.7	-0.98 - 6.4	4.9/16.2	33814
1999 VK ₁₈₁	2003 10 12.4	01 08.71 +09 44.3 19.1	-0.85 - 6.0	1.0/13.2	20744
2000 CE ₉₉	2003 10 12.4	01 08.73 +02 11.3 18.6	-0.75 - 5.3	1.7/10.8	47852
2001 HQ ₁₆	2003 10 12.4	01 08.75 +02 20.9 17.7	-0.76 -10.1	1.8/10.6	33908
2000 AR ₁₂₅	2003 10 12.4	01 08.86 +13 22.0 19.5	-0.74 - 4.5	1.5/14.4	37267
1999 RV ₄₀	2003 10 12.4	01 08.93 +25 23.1 18.6	-1.26 0.0	5.9/17.0	47788
2002 HX ₂	2003 10 12.4	01 08.99 -00 18.2 19.6	-0.88 - 7.3	2.9/10.0	31608
2000 EM ₆₃	2003 10 12.4	01 09.03 +04 30.9 18.8	-0.78 - 4.7	0.9/11.6	31902
2001 CN ₄₄	2003 10 12.5	01 09.08 -10 48.4 19.3	-0.83 - 2.2	4.9/07.1	12291
2001 DS ₇₃	2003 10 12.5	01 09.13 +06 25.9 18.8	-0.81 - 6.1	0.3/12.2	11903
2001 BG ₄₃	2003 10 12.5	01 09.14 +07 52.7 17.7	-0.90 - 9.2	0.2/12.7	12277
2002 GB ₇₀	2003 10 12.5	01 09.15 +01 31.5 19.9	-0.86 - 6.0	2.2/10.7	48228
2001 DJ ₉₈	2003 10 12.5	01 09.17 +08 46.1 18.4	-0.93 - 2.9	0.5/12.9	33899
2001 AY ₃₁	2003 10 12.5	01 09.17 -02 23.7 20.2	-1.01 - 3.4	3.9/09.8	48004
1999 TX ₁₂₀	2003 10 12.5	01 09.19 +10 19.9 18.3	-0.89 - 4.1	1.3/13.4	50426
1999 XW ₄	2003 10 12.5	01 09.20 +05 02.7 18.2	-0.80 - 6.1	1.0/11.8	50441
2001 FS ₆₂	2003 10 12.5	01 09.23 -00 39.0 20.3	-0.88 - 5.4	2.6/10.0	12032
2002 GX ₁₆	2003 10 12.5	01 09.28 +04 52.3 18.9	-0.95 - 5.9	0.9/11.8	35575

4252 P-L	2003 10 12.5	01 09.29 +13 07.7 19.0	-1.10 - 5.8	2.7/14.3	48386	1999 TM ₈₁	2003 10 12.9	01 10.77 +13 47.5 18.7	-1.01 - 2.8	2.6/14.7	47804
2002 GX ₁₉	2003 10 12.5	01 09.30 +10 06.3 20.4	-0.94 - 7.1	0.9/13.4	48227	2000 CR ₂₆	2003 10 12.9	01 10.77 +23 53.4 18.1	-0.88 - 3.2	4.9/18.0	50458
2002 FZ ₇	2003 10 12.5	01 09.35 +08 05.7 18.6	-1.13 - 2.4	0.3/12.8	31986	1997 QS ₂	2003 10 12.9	01 10.81 -01 16.7 17.5	-0.79 - 3.4	2.8/10.3	616
2001 EY ₂₃	2003 10 12.5	01 09.37 -00 34.0 20.4	-0.78 - 7.1	2.4/09.9	14420	1999 VP ₇₁	2003 10 12.9	01 10.95 -06 54.4 19.6	-0.96 - 1.5	4.8/09.0	12992
2002 LD ₁₉	2003 10 12.5	01 09.40 +00 05.7 19.9	-0.90 - 3.7	2.4/10.5	31779	1997 SY ₃₁	2003 10 13.0	01 10.90 +15 34.0 18.5	-0.85 - 2.4	2.5/15.4	47715
2001 JT ₃	2003 10 12.5	01 09.46 -12 29.7 17.6	-0.84 - 2.1	6.0/06.5	50534	2002 LE ₂₈	2003 10 13.0	01 10.91 -03 10.5 18.5	-0.75 - 4.8	3.8/09.6	50613
1359 T-2	2003 10 12.6	01 09.42 +09 33.1 18.6	-1.09 - 3.8	0.9/13.2	32043	1999 XY ₁₄₀	2003 10 13.0	01 10.91 +03 27.5 19.4	-0.79 - 4.9	1.4/11.7	47833
2002 OH ₁₆	2003 10 12.6	01 09.43 +27 31.3 19.7	-0.85 - 5.7	5.8/19.6	33708	1999 RL ₈₉	2003 10 13.0	01 10.92 +08 41.4 18.4	-0.95 - 4.8	0.4/13.4	18211
2002 JD ₁₁₀	2003 10 12.6	01 09.51 -01 05.7 19.3	-1.02 - 0.5	2.9/10.5	48236	1999 RQ ₂₄₉	2003 10 13.0	01 10.94 +28 58.7 17.8	-0.91 - 5.0	9.9/20.2	2657
2002 LS ₁₄	2003 10 12.6	01 09.56 +21 35.0 18.9	-0.92 - 6.6	4.5/17.4	34013	2000 WH	2003 10 13.0	01 10.97 +07 02.7 19.1	-0.98 - 6.2	0.2/12.9	47986
2001 FH ₉₄	2003 10 12.6	01 09.61 -08 58.4 19.5	-0.74 - 5.6	5.2/07.2	50530	1999 VF ₁₉	2003 10 13.0	01 10.97 +10 56.1 18.3	-0.85 - 6.5	1.3/14.1	40390
2000 AP ₁₀₂	2003 10 12.6	01 09.65 -18 52.7 18.4	-0.89 - 3.4	9.6/03.8	50452	4656 P-L	2003 10 13.0	01 10.98 +08 24.0 19.2	-1.08 - 3.0	0.4/13.3	50810
2002 JP ₁₀₀	2003 10 12.6	01 09.66 +04 28.1 21.0	-0.83 - 8.4	0.9/11.7	48236	1993 FC ₅₀	2003 10 13.0	01 10.99 +01 31.8 19.6	-0.78 -10.5	1.9/10.9	19234
1999 CZ ₁₃	2003 10 12.6	01 09.67 -01 33.3 19.5	-0.62 - 2.9	1.8/09.8	35465	2001 AR ₄₆	2003 10 13.0	01 11.01 +05 20.4 18.0	-1.21 + 0.6	0.7/12.5	50517
2001 BD ₁₃	2003 10 12.6	01 09.68 +00 43.7 20.5	-0.84 - 5.9	2.0/10.5	11031	1999 VL ₁₆₀	2003 10 13.0	01 11.07 +13 47.2 18.1	-0.85 - 8.3	2.1/15.2	33840
1999 UG ₂₂	2003 10 12.6	01 09.75 +05 01.1 19.4	-0.91 - 4.6	0.9/12.0	11617	2002 JU ₅₂	2003 10 13.0	01 11.12 +19 02.2 21.1	-0.87 - 8.5	3.8/17.1	48234
2002 JC ₁₂	2003 10 12.6	01 09.78 +00 25.5 19.3	-0.95 - 2.2	2.4/10.8	32015	1997 GN ₁₃	2003 10 13.0	01 11.14 +09 53.4 18.7	-1.00 - 2.4	0.8/13.7	12858
1999 NU ₄₅	2003 10 12.6	01 09.83 +11 04.1 19.1	-0.96 - 8.4	1.4/13.9	29053	2000 YQ ₉₉	2003 10 13.0	01 11.16 -19 27.3 17.9	-0.84 - 4.9	9.5/04.0	50514
2001 FF ₁₆₀	2003 10 12.7	01 09.77 +07 10.3 20.5	-0.80 - 8.7	0.1/12.6	13846	2002 LF ₂₁	2003 10 13.0	01 11.16 +22 16.2 18.5	-0.79 - 5.3	4.2/18.1	34014
2002 GC ₈₁	2003 10 12.7	01 09.78 -00 01.0 18.5	-0.93 - 4.8	3.2/10.5	31551	1998 KD ₅₅	2003 10 13.0	01 11.24 -00 01.0 20.1	-0.87 - 5.9	2.4/10.7	33769
1999 XL ₂₃₁	2003 10 12.7	01 09.88 -10 00.9 17.4	-0.92 - 2.5	6.9/07.4	2705	2002 JL ₁₃₅	2003 10 13.0	01 11.25 +06 37.4 20.4	-0.93 - 6.1	0.3/12.8	48237
1999 TR ₁₃₁	2003 10 12.7	01 09.92 +09 10.0 18.8	-0.93 - 5.2	0.6/13.3	37181	2001 DB ₆₃	2003 10 13.0	01 11.26 -09 36.1 18.5	-0.78 - 7.4	5.6/07.1	33375
2000 AX ₆₆	2003 10 12.7	01 09.93 +16 29.3 18.9	-0.90 - 2.4	2.8/15.4	34860	1999 TJ ₂₆₃	2003 10 13.0	01 11.29 +08 53.3 19.6	-0.86 - 6.4	0.4/13.5	47813
2001 EE ₂₂	2003 10 12.7	01 09.93 +08 35.3 19.8	-0.85 - 6.3	0.4/13.1	48016	2001 AU ₂₇	2003 10 13.0	01 11.32 +21 17.1 18.1	-1.08 - 2.5	4.8/16.9	23617
1999 XB ₁₃	2003 10 12.7	01 09.94 +14 23.9 17.9	-0.76 -11.0	2.8/15.3	47828	1999 NX ₁₅	2003 10 13.1	01 11.31 -07 32.4 19.1	-0.96 - 5.4	5.8/08.6	31855
2001 FF ₅₁	2003 10 12.7	01 09.96 +09 33.0 19.1	-0.87 - 2.2	0.7/13.4	13831	1999 RM ₄₂	2003 10 13.1	01 11.32 -05 27.8 18.4	-1.04 - 1.0	4.7/09.7	50415
1999 VN ₅	2003 10 12.7	01 09.98 +13 58.8 17.1	-0.76 - 9.0	2.8/15.1	11627	1998 UL ₃₀	2003 10 13.1	01 11.37 -11 54.2 17.9	-0.79 - 2.9	6.2/07.1	50397
2001 BC ₃₁	2003 10 12.7	01 10.02 +02 19.0 19.0	-0.95 - 6.2	2.0/11.2	13806	1994 PC ₉	2003 10 13.1	01 11.37 +07 29.5 17.8	-0.86 - 5.3	0.0/13.1	50370
2002 LY ₂₄	2003 10 12.7	01 10.12 +00 28.4 20.3	-0.87 - 5.5	2.4/10.6	33608	2000 EQ ₂₂	2003 10 13.1	01 11.39 +05 06.6 19.1	-0.76 - 5.3	0.8/12.3	26935
2001 DT ₆₆	2003 10 12.7	01 10.15 +04 53.1 18.3	-0.92 - 6.8	1.0/12.0	33898	2002 JZ ₁₅	2003 10 13.1	01 11.46 +05 56.4 19.9	-0.93 - 6.5	0.6/12.6	48233
2002 CL ₁₂	2003 10 12.8	01 10.13 -30 09.2 20.6	-1.00 -11.1	15.8/26.6	27825	2002 LV ₁₈	2003 10 13.1	01 11.51 +08 40.5 19.4	-0.77 - 5.0	0.3/13.5	33603
1998 HX ₁₄₀	2003 10 12.8	01 10.17 +01 12.2 19.7	-0.86 - 8.9	2.1/10.7	35447	2000 WY ₉₉	2003 10 13.1	01 11.63 +01 40.3 18.1	-1.00 - 4.8	2.3/11.5	33887
2002 CK ₁₀₅	2003 10 12.8	01 10.28 +08 27.9 18.6	-1.03 - 5.2	0.4/13.1	29818	2000 WO ₈₇	2003 10 13.1	01 11.66 +19 26.9 18.2	-1.06 - 4.8	5.1/16.6	12254
2002 CG ₁₂	2003 10 12.8	01 10.31 -27 27.0 18.9	-1.00 -10.8	14.9/28.6	30637	2000 RF ₉₁	2003 10 13.2	01 11.65 +33 40.1 19.9	-1.47 + 0.1	11.3/20.0	33882
1999 VK ₃₃	2003 10 12.8	01 10.38 +05 37.7 18.7	-0.91 - 5.2	0.7/12.3	13620	2001 FM ₄₉	2003 10 13.2	01 11.68 +09 50.2 18.7	-0.82 - 4.9	0.7/13.9	48020
1999 VJ ₉₀	2003 10 12.8	01 10.38 +05 29.3 19.0	-0.89 - 5.3	0.7/12.2	47822	2002 EK ₁₁	2003 10 13.2	01 11.70 -19 17.3 18.4	-0.94 -15.9	11.2/02.2	30703
2178 T-3	2003 10 12.8	01 10.38 +13 42.4 18.2	-0.67 -10.4	2.4/15.2	50812	2002 JF ₇₅	2003 10 13.2	01 11.71 +13 31.8 18.8	-0.79 - 6.1	1.8/15.2	34001
2001 BB ₄₃	2003 10 12.8	01 10.39 +25 11.4 18.1	-0.98 - 5.3	7.8/18.5	12277	2002 EV ₉₁	2003 10 13.2	01 11.76 +03 04.6 20.1	-1.01 - 4.7	1.6/11.9	50032
1999 XY ₅₈	2003 10 12.8	01 10.45 +24 23.7 19.2	-0.84 - 7.2	5.4/18.8	33845	2000 AG ₂₂₇	2003 10 13.2	01 11.79 +35 07.1 19.1	-0.96 - 1.4	7.6/22.0	46392
2002 PX ₆₄	2003 10 12.8	01 10.46 -10 07.6 19.7	-0.67 - 8.5	4.6/06.3	37772	2001 BM ₄₉	2003 10 13.2	01 11.79 +01 06.8 17.7	-0.84 - 8.6	2.9/11.0	12278
2000 DA ₂	2003 10 12.8	01 10.48 +06 24.6 19.5	-0.74 - 4.5	0.3/12.5	47854	2001 GN ₇	2003 10 13.2	01 11.84 -10 01.1 18.9	-0.75 - 4.3	5.0/07.5	33908
2000 AR ₁₅₈	2003 10 12.8	01 10.49 -02 58.0 18.5	-0.80 - 4.1	3.7/09.6	47843	1999 VY ₉₀	2003 10 13.2	01 11.88 -01 57.2 19.1	-1.03 - 0.7	3.6/10.8	47822
2001 AJ ₁₃	2003 10 12.8	01 10.52 +07 18.4 18.1	-0.95 - 7.2	0.1/12.8	12268	1999 NO ₄₇	2003 10 13.2	01 11.88 -02 31.5 19.1	-0.91 - 7.1	4.1/10.1	50413
2002 JV ₆₈	2003 10 12.8	01 10.57 -06 40.8 20.1	-0.98 - 4.1	4.7/08.8	32024	1999 TZ ₂₉₀	2003 10 13.2	01 11.91 +00 01.7 17.7	-0.64 - 9.1	3.6/10.5	49728
1999 XH ₂₃₁	2003 10 12.9	01 10.53 -15 41.1 18.3	-0.86 - 1.0	6.8/06.0	50448	1999 TH ₅₈	2003 10 13.2	01 11.93 +05 04.8 19.5	-0.86 - 5.7	0.8/12.5	31866
2002 GB ₁₀₇	2003 10 12.9	01 10.56 -00 47.8 20.4	-0.99 - 5.6	3.0/10.5	31579	1998 FM ₅₃	2003 10 13.2	01 11.99 +06 07.4 17.0	-0.86 - 9.6	0.6/12.8	33765
2000 YB ₄₅	2003 10 12.9	01 10.61 -08 50.4 18.4	-0.94 - 3.6	7.5/08.0	33338	2001 KM ₅₅	2003 10 13.2	01 12.01 -17 28.9 18.8	-0.78 - 2.2	6.8/05.3	48034
2000 VE ₃₈	2003 10 12.9	01 10.66 +07 27.2 17.6	-0.95 - 7.8	0.0/12.9	31921	1999 TH ₁₆₃	2003 10 13.2	01 12.02 -00 17.0 19.0	-0.94 - 3.1	3.1/11.1	31869
2002 GX ₈₁	2003 10 12.9	01 10.68 -01 00.5 18.3	-0.84 - 8.6	3.6/10.1	31552	1999 RV ₁₃₄	2003 10 13.2	01 12.03 +08 28.0 17.2	-0.81 - 7.1	0.4/13.6	50418
1997 CJ ₁₆	2003 10 12.9	01 10.69 +04 11.2 20.8	-0.88 - 5.7	1.2/11.9	47709	1999 RK ₁₂₄	2003 10 13.2	01 12.05 +21 59.9 19.6	-1.03 - 5.2	4.9/17.8	31263
2000 AV ₁₀₂	2003 10 12.9	01 10.75 -06 04.7 18.5	-0.82 - 4.4	4.0/08.7	50452	2002 GM ₁₀₅	2003 10 13.3	01 11.99 -08 48.8 19.2	-0.93 - 4.6	7.2/08.3	50604

2001 BS ₂₈	2003 10 13.3	01 12.03 +10 07.8 19.1	-0.97 - 5.3	0.9/14.1	12275
1995 TT ₈	2003 10 13.3	01 12.04 +07 32.2 20.1	-0.92 - 4.7	0.0/13.3	47698
1996 TX ₆₂	2003 10 13.3	01 12.10 +07 17.0 18.4	-1.05 - 3.5	0.1/13.2	33759
1999 XY ₂₅₃	2003 10 13.3	01 12.11 +05 26.4 20.2	-0.78 - 4.8	0.7/12.6	23511
2001 GD ₁	2003 10 13.3	01 12.19 -44 36.1 19.2	-1.21 + 1.5	15.5/26.0	13848
2002 KQ ₁₄	2003 10 13.3	01 12.22 -14 16.6 18.3	-0.81 - 6.4	7.3/05.9	34011
1999 XC ₁₃₇	2003 10 13.3	01 12.28 +28 19.9 17.2	-0.75 - 3.9	10.4/20.5	40419
2002 GO ₇	2003 10 13.3	01 12.35 -03 55.3 18.6	-1.01 - 2.4	4.9/10.3	30735
2001 CQ ₂₆	2003 10 13.3	01 12.37 -04 34.8 18.3	-0.80 - 6.3	5.9/09.3	49898
1999 TS ₁₅	2003 10 13.3	01 12.41 +05 35.4 18.3	-0.92 - 4.0	0.8/12.8	31864
1999 XQ ₁₈₃	2003 10 13.3	01 12.42 +08 18.5 18.9	-0.92 - 2.5	0.2/13.6	47834
1999 VQ ₂₂	2003 10 13.4	01 12.35 +19 32.0 16.8	-0.84 - 9.4	4.4/17.6	50434
2000 WY ₁₁₄	2003 10 13.4	01 12.36 +15 46.4 19.2	-1.01 - 4.9	3.8/15.8	9878
2001 FA ₃₀	2003 10 13.4	01 12.43 +30 52.3 19.7	-0.99 - 3.3	7.7/20.9	19926
1999 VY ₄₆	2003 10 13.4	01 12.44 -09 49.9 17.6	-1.17 + 3.5	7.1/09.9	50435
1999 RP ₇₁	2003 10 13.4	01 12.47 +03 17.6 18.8	-0.93 - 5.2	1.9/12.1	47789
1999 TY ₃₂₂	2003 10 13.4	01 12.49 -02 25.6 18.6	-1.00 + 2.2	5.0/11.1	25764
1999 XS ₆₆	2003 10 13.4	01 12.49 +12 11.7 19.1	-0.84 - 5.9	1.7/14.9	47830
1999 NE ₂₅	2003 10 13.4	01 12.50 -01 20.0 19.3	-1.02 - 4.3	3.3/10.9	29050
2002 NU ₄₈	2003 10 13.4	01 12.51 +19 40.1 19.6	-0.77 - 4.6	3.3/17.4	48242
1999 RR ₂₄	2003 10 13.4	01 12.54 +17 58.1 17.6	-0.99 - 4.5	3.7/16.5	50414
2000 EC ₁₇₀	2003 10 13.4	01 12.64 -21 38.7 19.5	-0.69 - 7.2	7.1/02.1	37430
1999 VK ₁₂₅	2003 10 13.4	01 12.64 +03 52.1 21.2	-0.89 - 3.9	1.2/12.3	14795
1999 UL ₄₆	2003 10 13.4	01 12.80 +12 53.3 18.8	-0.98 - 3.0	1.8/14.9	33835
2000 EH ₁₁₈	2003 10 13.5	01 12.77 -03 21.5 18.2	-0.88 - 1.1	3.8/10.5	47868
2000 WQ ₈₅	2003 10 13.5	01 12.77 +05 36.2 18.8	-1.00 - 3.6	1.0/12.9	47990
1999 JN ₁₃₅	2003 10 13.5	01 12.79 -03 53.8 19.5	-0.96 - 7.4	4.4/09.9	41579
1999 XP ₉₆	2003 10 13.5	01 12.80 -05 31.1 18.1	-0.88 - 3.0	4.2/09.6	33846
2000 VF ₃₂	2003 10 13.5	01 12.83 -01 23.1 18.7	-1.05 - 3.1	4.0/11.0	47985
1999 XQ ₅	2003 10 13.5	01 12.92 +34 09.1 17.7	-0.90 - 6.2	9.4/23.2	50441
2001 EN ₁₈	2003 10 13.5	01 12.92 +18 08.3 19.1	-1.05 - 1.4	3.6/16.3	13274
1999 VD ₆₄	2003 10 13.5	01 12.93 -05 29.7 18.5	-1.03 - 0.8	5.0/10.1	50435
2002 EL ₂₀	2003 10 13.5	01 12.93 +05 33.3 20.4	-1.01 - 5.0	0.8/12.9	48216
2002 FE ₃₅	2003 10 13.5	01 12.95 -09 54.8 18.5	-0.91 - 1.7	6.1/08.8	50045
2000 YL ₁₃₈	2003 10 13.5	01 13.03 +01 35.3 17.7	-0.87 - 2.9	3.1/11.8	50515
2000 YF ₁₁₆	2003 10 13.5	01 13.04 +10 26.4 17.8	-0.94 - 3.7	1.3/14.4	49876
2002 PO ₁₆	2003 10 13.5	01 13.07 +19 58.7 19.5	-0.79 - 3.9	3.4/17.5	35598
1999 XA ₃₃	2003 10 13.5	01 13.07 +24 02.0 19.3	-0.82 - 4.1	4.3/18.8	47829
2001 DE ₂	2003 10 13.5	01 13.08 -08 41.7 19.5	-0.79 - 6.8	5.5/08.0	50523
2000 CD ₅₅	2003 10 13.5	01 13.08 +21 09.9 18.7	-0.82 - 4.6	4.0/17.9	33862
2000 DH ₁₀₆	2003 10 13.5	01 13.09 -00 21.2 19.0	-0.77 - 3.8	2.3/11.1	31901
2001 FF ₃₁	2003 10 13.5	01 13.09 -00 24.2 19.8	-0.76 - 3.4	2.3/11.1	48019
2002 GH ₇₂	2003 10 13.6	01 13.09 +02 36.2 17.2	-1.05 - 1.9	2.3/12.3	33982
1995 XH ₃	2003 10 13.6	01 13.10 +05 48.3 19.7	-0.84 - 6.8	0.7/13.0	47700
2002 GG ₉₀	2003 10 13.6	01 13.18 +07 31.8 19.3	-0.85 - 8.0	0.1/13.5	35183
2002 JF ₃₇	2003 10 13.6	01 13.21 -16 48.9 19.4	-0.88 - 3.5	8.0/06.2	32019
1994 PK ₁₄	2003 10 13.6	01 13.34 +20 07.7 17.6	-0.92 - 2.8	5.2/17.3	38032
1999 XY ₇₉	2003 10 13.6	01 13.34 -04 10.5 19.9	-0.83 - 3.8	3.6/10.0	13048
1999 VV ₁₃₄	2003 10 13.6	01 13.35 +07 07.3 20.7	-0.88 - 4.8	0.2/13.5	17079
1999 TC ₁₈₁	2003 10 13.6	01 13.38 +05 13.5 17.3	-0.69 - 8.6	1.2/12.8	50428
1999 XV ₁₃₇	2003 10 13.6	01 13.38 -08 44.2 18.0	-0.94 - 1.1	4.9/09.2	50445

1999 XN ₁₅₃	2003 10 13.6	01 13.38 +20 36.4 16.7	-0.81 - 6.8	5.0/18.0	50445
2001 DG ₅₄	2003 10 13.6	01 13.38 +06 15.2 18.9	-0.88 - 4.0	0.5/13.2	48011
1999 XB ₁₀₉	2003 10 13.6	01 13.42 +07 22.0 18.5	-0.79 - 7.1	0.2/13.5	49761
2000 EB ₁₄₃	2003 10 13.6	01 13.50 +39 16.8 18.1	-0.93 - 2.4	8.7/24.7	38261
2001 FA ₉₁	2003 10 13.6	01 13.50 +03 36.1 19.8	-0.80 - 8.8	1.3/12.3	13838
1999 UN ₄	2003 10 13.6	01 13.54 +05 33.4 16.5	-1.11 + 0.3	0.9/13.2	50431
2000 BE ₄₆	2003 10 13.7	01 13.51 +06 33.0 17.6	-0.76 - 4.7	0.5/13.3	50457
2000 HY ₉₀	2003 10 13.7	01 13.55 -32 15.2 19.9	-0.86 - 1.1	9.7/29.4	18267
2001 GB ₈	2003 10 13.7	01 13.55 -07 10.6 18.4	-0.82 - 2.3	4.7/09.3	50533
2001 DT ₉₆	2003 10 13.7	01 13.57 +20 45.0 18.2	-0.90 - 7.1	5.5/18.1	33899
2002 AS ₁₈₄	2003 10 13.7	01 13.71 -41 32.0 20.0	-1.29 - 0.4	20.9/26.0	30628
2001 DV ₆	2003 10 13.7	01 13.72 +17 41.3 19.4	-0.83 - 5.3	2.7/17.0	33370
2001 DN ₅₃	2003 10 13.7	01 13.80 -03 08.7 20.4	-0.76 - 5.0	2.9/10.3	35018
1999 NX ₂₃	2003 10 13.7	01 13.85 -11 41.1 19.0	-0.96 - 4.4	7.5/08.0	50412
2000 OR ₂	2003 10 13.7	01 13.86 -33 40.5 20.0	-1.04 - 7.9	17.2/26.0	41660
2002 NR ₁₈	2003 10 13.7	01 13.88 +10 51.8 17.7	-0.74 - 5.6	0.9/14.8	35583
1993 RT ₆	2003 10 13.8	01 13.85 +09 16.3 18.6	-0.80 - 5.1	0.5/14.3	46320
1999 UH ₁₉	2003 10 13.8	01 13.90 +06 45.8 19.4	-0.89 - 5.2	0.4/13.5	47815
1998 SS ₁₅₄	2003 10 13.8	01 13.90 +09 22.9 18.2	-0.71 -11.9	0.5/14.4	31837
2129 P-L	2003 10 13.8	01 13.91 +08 04.5 18.3	-0.87 - 7.8	0.1/13.9	48385
1998 HN ₁₇	2003 10 13.8	01 13.93 +13 15.8 19.2	-0.99 - 5.5	1.9/15.5	9073
2002 JG ₅₁	2003 10 13.8	01 13.97 -04 12.0 19.0	-1.03 - 1.0	4.1/10.8	33998
2002 EU ₉	2003 10 13.8	01 14.01 +16 36.6 18.0	-1.08 - 6.8	3.8/16.6	41764
4765 P-L	2003 10 13.8	01 14.06 +07 47.1 19.3	-0.90 - 4.8	0.0/13.8	48387
1999 VW ₁₄₂	2003 10 13.8	01 14.12 +08 40.1 19.7	-0.93 - 3.9	0.3/14.1	13001
2002 AN ₁₃₁	2003 10 13.8	01 14.14 -38 23.5 19.9	-1.22 - 0.9	19.6/27.0	30620
1997 EM ₄₁	2003 10 13.8	01 14.19 +24 18.7 18.8	-1.03 - 3.1	5.6/18.7	12117
2000 CT ₅₆	2003 10 13.8	01 14.20 +02 07.4 18.3	-0.74 - 4.8	1.7/12.0	33863
1998 RB ₇₈	2003 10 13.9	01 14.27 +11 17.9 18.6	-1.09 + 1.9	1.3/14.7	50391
2002 EP ₁₅₂	2003 10 13.9	01 14.33 +09 07.4 17.4	-0.87 -10.8	0.5/14.4	50599
2000 CE ₅₃	2003 10 13.9	01 14.34 -08 06.8 19.6	-0.74 - 5.0	4.6/08.7	47850
2002 LD ₅₇	2003 10 13.9	01 14.35 +31 22.9 19.0	-0.86 - 3.7	6.4/22.0	35581
1999 XB ₁₃₀	2003 10 13.9	01 14.36 -09 51.3 17.8	-1.01 + 0.6	7.2/09.4	38157
1994 CH ₁₀	2003 10 13.9	01 14.43 +07 27.5 17.7	-0.80 - 2.9	0.1/13.8	50370
2000 YJ ₁₀₆	2003 10 13.9	01 14.51 +17 46.3 19.1	-1.04 - 5.8	4.1/16.9	48001
1999 XT ₂₁₂	2003 10 13.9	01 14.55 -05 04.3 17.7	-0.81 - 5.0	5.3/09.9	31314
2000 WD ₆₁	2003 10 13.9	01 14.56 -08 21.0 18.3	-0.97 - 5.3	6.3/08.9	47989
2001 KP ₃₇	2003 10 13.9	01 14.58 -08 40.4 19.5	-0.79 - 2.3	4.5/09.0	14307
1998 WS ₄₀	2003 10 13.9	01 14.60 +22 31.4 20.5	-0.73 - 7.5	3.9/19.3	47758
2000 YV ₁₀₄	2003 10 14.0	01 14.60 +39 58.5 19.3	-1.41 + 2.0	11.8/21.9	13802
1981 EB ₂₉	2003 10 14.0	01 14.71 +04 26.5 20.0	-0.83 - 8.3	1.1/12.9	47680
2002 LO ₁₅	2003 10 14.0	01 14.71 +13 26.4 20.1	-0.93 - 5.8	1.7/15.8	31777
2000 WN ₁₁	2003 10 14.0	01 14.76 +05 58.1 19.2	-0.93 - 6.5	0.8/13.4	34972
1995 GD ₄	2003 10 14.0	01 14.84 +01 48.2 18.8	-0.84 - 1.8	2.0/12.3	16005
1999 VA ₂₂₅	2003 10 14.0	01 14.86 -04 33.0 17.8	-0.76 - 3.5	6.0/10.2	49752
1999 TM ₃₉	2003 10 14.0	01 14.86 -04 56.7 18.7	-0.87 - 5.1	4.7/10.0	13611
2000 YA ₇₅	2003 10 14.0	01 14.92 -02 46.8 17.9	-0.98 - 5.1	4.2/10.9	33889
1999 RB ₄₀	2003 10 14.0	01 14.95 +09 52.9 18.6	-1.14 - 0.2	0.8/14.6	50415
2002 GL ₁₁₇	2003 10 14.0	01 14.95 -02 05.3 19.7	-0.94 - 3.9	3.9/11.2	48230
1981 EL ₃₁	2003 10 14.0	01 15.01 +02 23.9 18.4	-0.93 - 7.7	2.0/12.3	33750
2001 CY ₃₄	2003 10 14.0	01 15.02 -14 18.4 19.7	-0.92 - 3.2	7.4/07.3	18311

2003 OCT. 10

M.P.C. 49803

1999 TJ ₁₉	2003 10 14.1	01 14.94 +07 23.7 17.3	-0.89 - 2.9	0.2/14.0	50423
1999 TK ₉₉	2003 10 14.1	01 14.95 -10 51.3 18.4	-1.03 + 1.3	8.2/09.6	50425
2002 JQ ₅₉	2003 10 14.1	01 14.97 +13 37.7 19.6	-0.96 - 7.7	2.1/15.9	33567
2000 XS ₁₄	2003 10 14.1	01 15.00 -29 37.9 19.2	-0.98 - 7.1	12.9/28.9	50510
1999 VT ₉₄	2003 10 14.1	01 15.01 +06 33.9 18.5	-0.94 - 3.5	0.5/13.7	50436
1998 DA ₁₄	2003 10 14.1	01 15.05 +06 46.1 19.0	-0.96 - 6.6	0.4/13.8	9694
2002 GQ ₁₄₄	2003 10 14.1	01 15.14 -05 56.4 19.6	-0.86 - 6.7	4.6/09.7	32009
2001 BN ₅₉	2003 10 14.1	01 15.20 +11 59.7 19.1	-0.96 - 6.9	1.7/15.4	11038
2000 WJ ₁₂₂	2003 10 14.1	01 15.21 +07 46.8 20.0	-1.02 - 5.2	0.1/14.1	8280
2000 XV ₃₄	2003 10 14.1	01 15.23 +19 18.8 18.7	-1.15 - 1.9	4.3/17.1	11010
2002 FE ₁₃	2003 10 14.1	01 15.24 +02 32.6 19.2	-0.98 - 5.0	2.0/12.6	31987
2002 KK ₂	2003 10 14.1	01 15.34 +02 44.4 21.0	-0.97 - 6.2	1.8/12.6	34009
2001 AL ₂₈	2003 10 14.1	01 15.34 +01 27.8 16.1	-1.79 +15.0	3.5/13.7	50517
1999 XU ₂₃	2003 10 14.1	01 15.35 +16 12.7 17.6	-0.80 - 9.5	3.2/17.1	31881
1999 XU ₂₉	2003 10 14.2	01 15.54 -14 52.5 18.4	-0.85 - 3.3	7.0/07.0	35492
2001 AE ₂₅	2003 10 14.2	01 15.55 -08 54.0 19.7	-0.84 - 5.1	4.9/08.8	31934
1999 LR ₁₅	2003 10 14.2	01 15.62 -37 28.3 18.0	-1.03 - 0.5	17.8/29.3	27625
1996 WR	2003 10 14.2	01 15.73 +03 23.4 17.7	-0.98 - 2.4	2.2/13.0	50376
1999 XV ₁₇₈	2003 10 14.3	01 15.70 -15 03.0 18.7	-0.82 - 1.7	6.7/07.4	41588
1999 VJ ₂₀₈	2003 10 14.3	01 15.71 +05 43.7 19.1	-0.83 - 6.3	0.8/13.6	16043
2002 GU ₂₀	2003 10 14.3	01 15.75 +09 01.0 20.2	-0.96 - 5.7	0.4/14.6	31992
2002 JN ₁₀₂	2003 10 14.3	01 15.79 -09 55.1 19.9	-0.98 - 1.7	6.2/09.5	32030
2002 PA ₇₃	2003 10 14.3	01 15.82 -04 56.2 19.4	-0.67 - 7.7	3.7/09.7	50618
1999 VR ₇₂	2003 10 14.3	01 15.84 -05 23.9 17.3	-0.97 + 0.1	6.0/10.9	31876
2000 AF ₂₀₇	2003 10 14.3	01 15.84 +22 39.7 19.5	-0.84 - 4.0	4.2/19.0	35507
1998 WD ₆	2003 10 14.3	01 15.90 +08 49.7 17.4	-0.84 - 3.2	0.3/14.6	31845
2001 HC ₃₂	2003 10 14.3	01 15.96 +04 34.5 19.4	-0.77 - 5.2	1.0/13.3	35553
1979 MA	2003 10 14.3	01 15.96 +39 41.9 19.4	-1.08 - 4.7	8.6/25.5	35432
2002 GM ₉₅	2003 10 14.3	01 16.02 +13 24.0 19.6	-1.06 - 4.2	2.0/16.0	31567
2002 JB ₂₆	2003 10 14.3	01 16.02 -02 25.3 19.9	-0.93 - 4.3	3.7/11.3	32018
2000 DJ ₁₀₃	2003 10 14.3	01 16.11 +13 49.1 18.8	-0.88 - 1.6	1.7/16.0	40470
1999 TT ₁₆₃	2003 10 14.4	01 16.07 -14 05.3 18.5	-0.87 - 3.4	7.2/07.7	50427
1998 FF ₁₃₇	2003 10 14.4	01 16.08 +09 13.2 20.0	-0.92 - 6.2	0.4/14.8	31814
2000 VL ₂₄	2003 10 14.4	01 16.09 +05 58.0 18.9	-1.02 - 5.8	0.9/13.8	38287
1999 VF ₅₄	2003 10 14.4	01 16.14 +09 03.5 18.6	-0.84 - 6.0	0.4/14.7	50435
1999 RO ₁₆₉	2003 10 14.4	01 16.15 +18 14.4 18.8	-1.01 - 4.4	3.8/17.4	47795
2002 FF	2003 10 14.4	01 16.22 +03 13.9 22.3	-0.99 - 4.0	1.5/13.1	31986
1999 PO ₆	2003 10 14.4	01 16.23 +12 43.0 18.4	-0.96 - 6.1	2.0/16.0	31256
1999 UL ₅₂	2003 10 14.4	01 16.24 -17 52.6 18.7	-0.98 + 0.3	10.0/07.5	50433
1998 FT ₆₃	2003 10 14.4	01 16.34 +03 22.7 20.1	-0.95 - 6.1	1.6/13.0	47726
1998 QF ₆₄	2003 10 14.4	01 16.34 +25 59.2 17.5	-0.71 - 8.0	7.8/21.3	50388
1999 TS ₂₇₄	2003 10 14.4	01 16.35 +07 18.0 19.0	-0.92 - 6.8	0.3/14.2	30327
2002 EM ₇₄	2003 10 14.4	01 16.36 +07 04.8 19.4	-0.89 - 8.9	0.3/14.1	31979
1999 VP ₁₆₅	2003 10 14.4	01 16.38 +00 14.8 18.7	-1.00 - 1.0	2.9/12.4	11670
1999 VP ₃₂	2003 10 14.4	01 16.44 +21 19.2 19.8	-0.83 - 8.7	4.5/19.2	47819
2001 EV ₄	2003 10 14.4	01 16.45 +07 01.7 19.5	-0.98 - 4.6	0.4/14.2	11931
2000 CQ ₈₇	2003 10 14.4	01 16.47 +09 20.9 18.0	-0.79 - 4.1	0.4/14.9	33863
1998 KY ₆₃	2003 10 14.5	01 16.45 +14 09.9 19.3	-0.91 - 6.7	2.0/16.5	31817
2000 YU ₁₁₇	2003 10 14.5	01 16.48 +29 06.4 18.7	-1.10 - 3.0	7.8/20.7	13802
2001 FW ₁₅₉	2003 10 14.5	01 16.49 +07 05.1 18.9	-0.89 - 6.9	0.3/14.2	13367
1999 XW ₄₇	2003 10 14.5	01 16.49 -03 58.7 20.2	-0.93 - 3.5	3.9/11.0	47829

2001 KV ₅₁	2003 10 14.5	01 16.51 -09 23.9 19.6	-0.82 - 1.8	5.1/09.4	31948
2000 AW ₁₈₅	2003 10 14.5	01 16.51 -13 07.0 18.0	-0.87 - 4.2	6.8/07.7	33858
1999 RB ₁₂₅	2003 10 14.5	01 16.55 +11 16.7 18.3	-0.84 - 4.2	1.6/15.5	49683
1991 PU ₉	2003 10 14.5	01 16.59 -21 11.5 18.5	-0.74 - 6.1	7.9/04.3	50367
1999 JC ₆₃	2003 10 14.5	01 16.61 +09 56.4 19.1	-0.99 - 7.6	0.7/15.1	30297
2000 YC ₉₈	2003 10 14.5	01 16.61 +02 42.9 19.3	-0.93 - 5.4	1.9/12.9	12264
2002 LE ₅	2003 10 14.5	01 16.64 -22 51.7 19.1	-0.94 - 1.4	10.2/05.5	34012
2001 BR ₂₆	2003 10 14.5	01 16.70 +03 19.2 19.3	-0.95 - 6.2	1.8/13.1	12274
1998 SE ₁₃₀	2003 10 14.5	01 16.72 +07 37.0 18.0	-0.78 - 5.3	0.2/14.4	50394
1995 SS ₃₀	2003 10 14.5	01 16.73 +18 16.6 18.9	-1.11 - 1.7	4.0/17.2	13543
2000 YS ₆₂	2003 10 14.5	01 16.73 +16 14.1 19.8	-0.96 - 5.4	2.8/17.0	35537
1996 TE ₂₈	2003 10 14.5	01 16.74 -00 36.4 18.5	-0.97 - 5.1	3.6/12.0	47705
2000 AQ ₁₅₆	2003 10 14.5	01 16.80 +14 12.0 18.2	-0.91 - 3.9	2.3/16.4	12230
2001 BX ₁₂	2003 10 14.6	01 17.00 +17 25.1 18.5	-1.17 - 0.6	3.7/16.9	12273
2002 GW ₁₁₁	2003 10 14.6	01 17.01 -04 57.3 18.3	-0.84 - 7.3	5.8/10.3	50063
1999 TH ₂₅₂	2003 10 14.6	01 17.02 -07 58.2 18.1	-0.85 - 7.2	6.3/09.1	12964
2002 OJ ₁₅	2003 10 14.6	01 17.03 +13 36.5 18.7	-0.72 - 6.5	1.6/16.5	35593
1998 EF ₄	2003 10 14.6	01 17.06 +10 25.1 19.1	-1.08 - 2.8	1.0/15.3	47724
1999 UN ₈	2003 10 14.6	01 17.07 -01 26.8 17.9	-1.06 + 0.7	3.8/12.4	50431
2001 BM ₄₃	2003 10 14.6	01 17.09 +14 13.7 16.6	-0.74 -10.1	2.9/16.9	50519
2002 JQ	2003 10 14.6	01 17.12 -05 47.7 19.3	-0.82 - 5.6	4.6/10.3	33995
2001 DJ ₇₃	2003 10 14.6	01 17.15 +09 34.6 18.8	-0.86 - 4.6	0.5/15.1	48012
1999 XL ₂₃₀	2003 10 14.7	01 17.29 +00 10.0 17.6	-1.13 + 2.0	3.4/13.0	13640
2000 DS ₅₁	2003 10 14.7	01 17.30 +08 10.9 19.8	-0.74 - 4.2	0.0/14.7	46396
1999 RY ₅₁	2003 10 14.7	01 17.33 +06 27.0 17.5	-0.85 - 6.1	0.8/14.2	50415
1998 FK ₉₈	2003 10 14.7	01 17.39 +18 01.3 19.2	-1.02 - 6.1	3.9/17.7	9701
2000 YQ ₉₄	2003 10 14.7	01 17.46 +01 37.3 19.9	-0.95 - 6.6	2.7/12.7	33345
2000 AS ₅₆	2003 10 14.7	01 17.48 -11 46.6 19.9	-0.81 - 4.5	6.4/08.2	47840
2001 DG ₇₀	2003 10 14.8	01 17.57 -04 53.3 19.7	-0.79 - 8.1	4.1/10.3	13815
2000 BY ₄	2003 10 14.8	01 17.58 +26 55.6 17.6	-1.09 - 0.1	7.6/19.6	2728
2001 FV ₈₂	2003 10 14.8	01 17.59 +09 29.6 18.0	-0.68 -10.0	0.4/15.3	50530
1999 TG ₂₇₂	2003 10 14.8	01 17.59 +22 02.4 18.8	-0.81 -11.0	5.6/20.1	31291
2000 AV ₁₆₂	2003 10 14.8	01 17.65 -12 57.4 18.8	-0.98 - 1.3	8.2/08.8	50454
2001 BS ₆₆	2003 10 14.8	01 17.75 +06 09.1 18.4	-0.95 - 1.9	0.6/14.3	30448
2001 CQ ₂₀	2003 10 14.8	01 17.77 -29 36.0 19.5	-0.82 - 0.9	8.7/02.6	14264
1999 TR ₂₃₉	2003 10 14.8	01 17.78 -05 07.4 18.7	-0.91 - 5.0	4.8/10.7	33833
2001 DR ₈₇	2003 10 14.8	01 17.80 +10 45.5 19.0	-1.03 - 3.8	1.1/15.6	50525
1979 MA ₇	2003 10 14.8	01 17.87 +11 42.7 18.7	-0.82 - 5.9	1.2/16.0	12102
2002 ET ₂₈	2003 10 14.8	01 17.89 +10 08.4 21.2	-1.03 - 5.8	0.7/15.4	30706
2001 DA ₈₁	2003 10 14.8	01 17.91 +03 23.4 19.3	-0.95 - 3.8	1.7/13.5	13816
2000 DB ₂₉	2003 10 14.8	01 17.97 +19 32.3 18.0	-0.88 - 2.4	3.8/18.2	50461
1993 TD ₁₈	2003 10 14.9	01 17.93 +05 55.9 18.7	-0.90 - 1.8	0.8/14.3	50369
2002 CN ₁₁₂	2003 10 14.9	01 17.97 +04 20.6 18.6	-1.03 - 4.4	1.5/13.8	31968
2001 DR ₄₆	2003 10 14.9	01 18.03 -05 49.4 18.9	-0.79 - 9.2	4.8/10.0	12299
1999 RK ₁₉₅	2003 10 14.9	01 18.06 +46 46.5 19.4	-1.36 - 2.1	12.5/28.4	10899
1999 TR ₆₄	2003 10 14.9	01 18.17 +10 57.9 19.9	-0.97 - 4.4	1.1/15.7	12949
2000 YP ₄₃	2003 10 14.9	01 18.30 -00 43.0 18.7	-0.92 - 6.1	3.6/12.2	50512
2002 GU ₁₆	2003 10 15.0	01 18.27 +03 48.3 19.8	-0.95 - 5.3	1.7/13.7	31501
1996 XU ₁₉	2003 10 15.0	01 18.28 +09 49.7 17.6	-0.95 - 6.0	0.6/15.5	13548
2001 HX ₅₉	2003 10 15.0	01 18.30 +12 07.3 18.4	-0.79 - 8.4	1.3/16.3	15829
2001 AM ₃₉	2003 10 15.0	01 18.31 +05 10.8 20.3	-0.99 - 5.0	1.2/14.1	48004

1999 JC ₄₈	2003 10 15.0	01 18.41 +06 08.2 18.7	-1.12 - 3.0	0.9/14.5	38214
2002 JX ₂₁	2003 10 15.0	01 18.43 -03 25.2 19.6	-0.83 - 3.1	3.8/11.7	33997
3092 T-1	2003 10 15.0	01 18.43 +09 33.2 18.7	-0.83 - 3.7	0.4/15.4	34058
2001 HD ₄₂	2003 10 15.0	01 18.46 -02 04.3 17.5	-0.97 + 1.0	3.7/12.5	50534
2000 AQ ₁₅₅	2003 10 15.0	01 18.47 +13 44.2 17.7	-0.80 - 5.7	2.5/16.8	50454
2002 LH ₇	2003 10 15.0	01 18.47 +03 00.8 20.6	-0.93 - 7.3	2.0/13.4	48238
2002 JB ₁₁₂	2003 10 15.0	01 18.51 +13 19.4 19.3	-1.00 - 5.1	1.8/16.5	33575
1999 RM ₅₅	2003 10 15.0	01 18.53 +08 12.1 18.6	-0.99 - 4.6	0.0/15.0	33818
2002 LO ₁₆	2003 10 15.0	01 18.55 +13 37.1 18.5	-0.89 - 4.9	1.7/16.7	33602
2000 YN ₇₇	2003 10 15.0	01 18.60 -02 55.3 17.3	-1.01 - 3.2	4.9/12.0	29643
2000 AJ ₁₀₁	2003 10 15.0	01 18.61 +00 55.8 17.6	-0.78 - 6.3	3.3/12.6	49779
2001 CL ₃₉	2003 10 15.0	01 18.61 -09 38.1 20.0	-0.85 - 3.5	5.0/09.6	18312
2001 AZ ₁₈	2003 10 15.0	01 18.61 +08 55.4 19.1	-0.96 - 6.5	0.2/15.3	12269
2000 AL ₁₀₀	2003 10 15.0	01 18.63 +01 10.3 17.8	-0.85 - 6.4	2.9/12.8	50452
2002 GR ₁₀₃	2003 10 15.0	01 18.64 -06 00.1 20.0	-0.98 - 3.5	5.0/11.1	33985
2002 JD ₇₅	2003 10 15.0	01 18.70 +07 28.6 19.0	-0.89 - 4.1	0.3/14.9	34001
2000 HR ₇₇	2003 10 15.1	01 18.70 +20 28.0 20.5	-0.76 - 6.7	3.2/19.2	47890
1999 VM ₁₀	2003 10 15.1	01 18.73 -06 31.1 17.1	-0.95 - 4.0	6.0/10.6	50433
1998 RD ₁₂	2003 10 15.1	01 18.76 +06 59.4 18.7	-0.84 - 5.3	0.5/14.7	47738
1998 FN ₁₂₂	2003 10 15.1	01 18.80 +07 14.5 19.0	-0.89 - 7.4	0.4/14.8	31814
2000 CM ₇	2003 10 15.1	01 18.81 +06 28.9 19.0	-0.82 - 4.1	0.6/14.6	38894
2001 HE ₅₉	2003 10 15.1	01 18.87 +18 35.8 19.5	-0.76 - 5.1	2.6/18.5	35554
1998 RR ₇₂	2003 10 15.1	01 18.90 +04 35.1 17.6	-0.79 - 5.4	1.3/14.0	50391
2000 CQ ₁₁₆	2003 10 15.1	01 18.91 -13 51.8 19.4	-0.72 - 3.9	6.1/07.8	47853
2002 GL ₆	2003 10 15.1	01 18.92 -01 27.1 21.2	-1.05 - 0.2	3.2/12.8	30734
1999 XQ ₂₅	2003 10 15.1	01 18.93 -08 37.0 17.9	-0.94 - 0.2	7.6/10.6	38835
2002 LX ₄₈	2003 10 15.1	01 18.94 +24 16.8 17.8	-0.82 - 4.3	4.8/20.4	33627
2002 JF ₉	2003 10 15.1	01 18.96 +08 24.0 19.6	-0.98 - 7.0	0.0/15.2	31622
1998 FS ₆₂	2003 10 15.1	01 18.98 +08 08.3 18.7	-0.89 - 7.8	0.1/15.1	47726
2002 JU ₁₆	2003 10 15.1	01 19.02 -10 10.9 19.7	-0.95 - 2.2	6.5/10.1	32016
2002 GG ₂₁	2003 10 15.1	01 19.03 +11 10.5 18.9	-0.98 - 5.8	1.0/16.0	33978
1999 VY ₆₂	2003 10 15.1	01 19.05 -05 05.6 17.8	-1.09 + 2.6	5.9/12.3	47821
1999 VU ₈₀	2003 10 15.1	01 19.09 +04 38.4 18.2	-1.01 - 1.1	1.4/14.3	31299
1999 UU	2003 10 15.2	01 19.01 +14 22.1 17.4	-0.68 -14.6	2.5/17.6	50431
2002 JH ₁₄₀	2003 10 15.2	01 19.03 -01 16.8 22.6	-0.89 - 5.6	3.1/12.3	48237
2002 JH ₂₄	2003 10 15.2	01 19.06 -02 06.2 19.5	-1.01 - 3.6	4.2/12.3	33563
1999 XJ ₁₁₆	2003 10 15.2	01 19.07 -00 03.4 18.2	-1.04 - 0.2	3.1/13.1	13634
1999 VY ₁₃₇	2003 10 15.2	01 19.13 -31 59.5 18.9	-1.31 + 4.9	14.5/04.5	1534
2001 CG ₃₉	2003 10 15.2	01 19.15 +14 07.5 19.0	-1.03 - 1.6	1.9/16.8	11850
1998 HZ ₃₂	2003 10 15.2	01 19.17 +09 42.6 20.0	-0.96 - 6.3	0.5/15.6	9705
2002 FU ₃	2003 10 15.2	01 19.20 -06 52.1 20.6	-0.94 - 6.1	5.5/10.6	48224
2001 GH ₅	2003 10 15.2	01 19.33 +03 10.9 17.8	-1.13 + 1.5	1.8/14.1	50532
2000 BH ₂	2003 10 15.2	01 19.34 +11 31.0 19.2	-0.74 - 3.9	0.8/16.3	34873
2001 EE ₁	2003 10 15.2	01 19.47 +12 27.7 20.0	-0.98 - 2.2	1.3/16.4	13268
2001 FL ₁₄₉	2003 10 15.3	01 19.44 -00 53.6 19.8	-0.98 - 0.9	3.2/12.9	27194
2002 JK ₁₂₀	2003 10 15.3	01 19.48 -03 12.6 18.8	-1.00 - 4.7	4.7/11.9	31744
1999 TG ₃₉	2003 10 15.3	01 19.51 -04 47.4 18.6	-0.82 - 4.7	6.1/11.1	49701
2002 EN ₆₅	2003 10 15.3	01 19.55 +11 06.8 18.9	-0.99 - 6.5	1.2/16.2	31979
2002 GG ₂₄	2003 10 15.3	01 19.58 +03 18.0 19.6	-0.96 - 5.4	1.7/13.8	33978
2000 YB ₁₁₇	2003 10 15.3	01 19.69 +02 50.5 18.4	-0.98 - 5.2	2.2/13.7	48002
2001 FT ₁₄₇	2003 10 15.3	01 19.73 +08 18.8 20.0	-0.77 - 4.7	0.0/15.3	33906

2001 CK ₃₀	2003 10 15.3	01 19.75 +06 34.5 19.7	-0.87 - 5.2	0.6/14.8	13250
4041 T-2	2003 10 15.3	01 19.76 +07 54.8 18.6	-0.90 - 4.1	0.2/15.2	12343
1999 XM ₂₃₆	2003 10 15.3	01 19.82 +27 28.3 18.3	-0.96 - 4.6	6.0/21.6	12221
1999 VG ₁₈₆	2003 10 15.3	01 19.83 -08 31.2 19.1	-0.96 - 1.3	5.6/10.9	50439
2001 CW ₁₀	2003 10 15.4	01 19.78 +03 17.6 19.8	-0.99 - 5.1	2.0/13.9	48008
2000 EU ₁₂₀	2003 10 15.4	01 19.84 -06 56.4 19.7	-0.72 - 5.5	4.6/10.3	47868
1993 FM ₄₄	2003 10 15.4	01 19.85 +06 48.8 20.0	-0.84 - 6.6	0.5/14.9	47686
2002 GW ₁₇₇	2003 10 15.4	01 19.86 +14 10.8 17.7	-0.92 - 6.6	2.8/17.3	50069
1998 TR ₂₂	2003 10 15.4	01 19.87 +09 59.6 19.7	-0.79 - 5.2	0.5/15.9	47752
2000 YB ₉₃	2003 10 15.4	01 19.88 +08 35.5 20.1	-0.94 - 6.4	0.1/15.5	48001
2001 BC ₆₃	2003 10 15.4	01 20.03 +26 49.2 17.7	-1.08 - 1.6	6.3/20.6	50519
2001 EP ₁₇	2003 10 15.4	01 20.04 -27 34.2 19.9	-0.74 - 3.0	7.9/02.9	33900
2001 CJ ₄₃	2003 10 15.4	01 20.06 -09 00.2 19.2	-0.76 - 2.7	4.2/10.2	33896
1998 SS ₁₁₄	2003 10 15.4	01 20.07 +04 07.3 18.8	-0.82 - 4.0	1.5/14.2	47749
2000 EJ ₁₃₆	2003 10 15.4	01 20.11 +04 42.0 19.9	-0.76 - 5.0	1.1/14.3	47869
2000 YT ₄₁	2003 10 15.4	01 20.13 +04 19.1 17.6	-0.95 - 4.8	2.0/14.3	50512
2001 FR ₅₉	2003 10 15.4	01 20.17 +15 32.1 16.2	-1.11 + 1.9	3.2/17.1	50529
2000 AD ₃	2003 10 15.4	01 20.17 -03 50.8 18.7	-0.79 - 4.0	3.5/11.7	35500
2000 EZ ₁₁₁	2003 10 15.5	01 20.14 -08 20.1 19.4	-0.78 - 3.7	5.2/10.2	31903
2002 JO ₂₇	2003 10 15.5	01 20.18 -03 33.8 20.0	-0.99 - 5.1	4.7/12.0	31643
2002 EP ₈₆	2003 10 15.5	01 20.24 +02 00.1 20.4	-0.96 - 4.9	2.5/13.7	50598
1990 UU ₂	2003 10 15.5	01 20.26 +11 52.0 19.8	-1.02 - 7.3	1.5/16.6	47682
2001 CN ₂₂	2003 10 15.5	01 20.30 +04 58.6 19.5	-1.00 - 5.0	1.4/14.5	12287
1999 RM ₁₅₀	2003 10 15.5	01 20.37 +09 18.6 18.2	-0.85 - 4.2	12.0/05.0	646
2002 LX ₃₅	2003 10 15.5	01 20.42 +01 11.9 18.3	-0.79 - 6.4	2.5/13.2	50613
1999 HO ₁	2003 10 15.5	01 20.43 +06 17.6 17.5	-1.52 + 4.8	11.6/05.0	50407
1999 SS ₉	2003 10 15.5	01 20.52 +00 19.3 17.4	-0.95 - 3.0	3.6/13.3	50422
2001 DE ₈₇	2003 10 15.5	01 20.54 +46 44.0 18.2	-1.77 + 7.9	17.1/21.5	12304
2000 FJ ₃₃	2003 10 15.5	01 20.55 +06 03.8 18.5	-0.81 - 3.3	0.7/14.9	1587
2002 JV ₉₇	2003 10 15.5	01 20.59 -02 50.0 19.5	-0.93 - 2.7	3.9/12.5	32029
1996 TC ₆	2003 10 15.6	01 20.52 +08 24.6 17.8	-0.89 - 9.1	11.2/05.0	31220
1999 XP ₂₄	2003 10 15.6	01 20.63 +00 38.1 18.7	-0.92 - 4.3	2.9/13.3	33843
1999 TT ₂₉₀	2003 10 15.6	01 20.67 +00 44.0 18.5	-0.82 - 6.2	3.1/13.2	50431
1998 HQ ₅₄	2003 10 15.6	01 20.75 +14 07.8 20.0	-1.00 - 4.5	1.9/17.3	27602
1999 UN ₃₅	2003 10 15.6	01 20.77 -08 13.6 17.9	-0.79 - 7.5	6.6/09.8	50432
2000 AL ₄	2003 10 15.6	01 20.82 -08 05.0 19.1	-0.73 - 4.7	4.7/10.3	38233
2002 GP ₂₅	2003 10 15.6	01 20.84 +12 32.3 17.3	-0.90 - 9.1	1.7/17.0	30154
2000 AM ₂₄₁	2003 10 15.6	01 20.85 -03 40.6 18.1	-0.68 - 8.3	5.4/11.3	50456
1995 VA	2003 10 15.6	01 20.85 +18 59.8 18.2	-0.80 -11.6	3.9/19.6	33758
2000 CH ₉₀	2003 10 15.6	01 20.92 +04 09.4 19.0	-0.78 - 4.9	1.4/14.3	19509
2001 CE ₄₁	2003 10 15.6	01 20.93 -22 42.5 19.0	-0.89 - 2.0	11.5/05.7	50522
1999 TU ₂₁	2003 10 15.6	01 20.96 -06 55.5 18.3	-1.08 + 3.6	7.2/12.4	40380
1999 XC ₁₁₅	2003 10 15.7	01 20.92 +33 19.9 17.4	-1.03 - 4.6	9.0/24.2	50444
2001 DO ₆	2003 10 15.7	01 20.98 -00 48.8 18.3	-0.72 - 5.7	2.6/12.7	50523
2002 LP ₉	2003 10 15.7	01 20.98 +04 15.1 20.0	-0.90 - 6.2	1.4/14.4	34012
1999 XT ₃₂	2003 10 15.7	01 21.00 +19 20.9 19.7	-0.88 - 4.6	3.3/19.0	47829
2001 FZ ₁₃₉	2003 10 15.7	01 21.04 +20 53.4 19.2	-0.90 - 3.7	3.9/19.5	48025
2002 JK ₆₉	2003 10 15.7	01 21.14 -03 38.8 17.9	-0.91 - 6.2	4.7/12.0	32024
1990 SN	2003 10 15.7	01 21.19 +16 02.6 18.0	-0.84 + 6.4	4.8/17.3	50366
2000 FN ₄₄	2003 10 15.7	01 21.20 +03 07.7 19.1	-0.72 - 4.0	1.4/14.1	35526
2000 WH ₁₀₁	2003 10 15.7	01 21.22 +08 20.3 18.3	-1.02 - 5.1	10.6/26.0	12255

2003 OCT. 10

M.P.C. 49805

2001 JU ₁₀	2003 10 15.7	01 21.22 -06 59.1 19.2	-0.74 - 4.2	4.3/10.8	35555
1999 XZ ₂₄₇	2003 10 15.7	01 21.25 +00 02.5 21.0	-0.81 - 5.3	2.4/13.1	35499
2000 CO ₅₉	2003 10 15.7	01 21.28 +05 40.8 18.5	-0.72 - 6.9	0.9/14.8	50458
2000 WE ₁₁₄	2003 10 15.7	01 21.31 +22 29.2 18.8	-1.01 - 6.9	6.1/20.3	34976
2002 EP ₁₁₅	2003 10 15.7	01 21.33 -07 08.8 19.6	-1.02 - 3.3	5.5/11.4	48222
2000 AY ₄₉	2003 10 15.8	01 21.26 -11 47.4 17.6	-0.73 - 4.8	9.1/08.7	49775
2000 AJ ₆₉	2003 10 15.8	01 21.27 -19 08.4 19.3	-0.89 - 2.6	8.3/06.9	47840
2002 JY ₁₄	2003 10 15.8	01 21.27 -02 10.4 17.4	-0.98 - 1.9	4.7/12.9	32015
2001 CY ₂₀	2003 10 15.8	01 21.32 -35 10.0 21.7	-0.99 - 1.6	11.0/30.0	12287
2001 FY ₉₄	2003 10 15.8	01 21.35 -12 58.4 17.7	-0.68 - 8.0	7.0/08.0	50530
1999 VH ₄₀	2003 10 15.8	01 21.36 +08 58.6 17.9	-0.91 - 4.3	8.9/26.0	50434
2002 LB ₃₃	2003 10 15.8	01 21.38 -04 02.2 18.1	-0.71 - 8.1	3.8/11.5	50094
1999 TL ₁	2003 10 15.8	01 21.42 +07 24.3 17.3	-0.73 - 9.6	0.5/15.4	49697
2001 GH ₁₁	2003 10 15.8	01 21.43 -11 17.8 19.3	-0.86 - 3.6	6.6/09.6	33908
2002 NU ₁₄	2003 10 15.8	01 21.44 +20 46.2 18.1	-0.85 - 3.3	3.7/19.6	35583
2002 JU ₃₄	2003 10 15.8	01 21.60 +10 20.0 18.4	-0.94 - 7.3	0.6/16.4	41765
2001 FX ₃₆	2003 10 15.8	01 21.62 +19 39.5 18.4	-0.97 - 3.9	3.9/19.1	31943
2001 DR ₆₆	2003 10 15.8	01 21.66 +09 31.9 17.7	-0.93 - 5.8	11.1/26.0	48012
2001 CN ₄₇	2003 10 15.9	01 21.62 +11 37.5 18.7	-1.02 - 1.1	1.5/16.7	50522
1999 JA ₄₄	2003 10 15.9	01 21.62 +11 48.7 19.0	-1.11 - 4.0	1.3/16.8	47779
2002 JA ₇₉	2003 10 15.9	01 21.62 +12 05.2 20.4	-0.98 - 4.8	1.3/16.9	48235
1999 RW ₁₅₈	2003 10 15.9	01 21.68 +04 15.3 19.0	-0.92 - 5.8	1.8/14.6	49686
1999 XQ ₃	2003 10 15.9	01 21.72 +18 52.0 17.6	-0.72 -12.7	4.2/19.9	40403
1999 VN ₂₂₅	2003 10 15.9	01 21.76 +02 28.8 19.0	-0.68 -12.4	2.5/13.6	50440
2000 AC ₂₀₂	2003 10 15.9	01 21.79 -15 46.5 20.3	-0.86 - 4.9	9.0/07.6	50455
2002 GV ₁₀₄	2003 10 15.9	01 21.86 -06 59.5 18.0	-0.76 - 8.1	6.2/10.6	50061
2001 DE ₁₀₅	2003 10 15.9	01 21.87 +10 56.3 20.1	-0.89 - 5.5	0.7/16.7	48014
2000 WB ₂₅	2003 10 15.9	01 21.88 +07 02.4 16.7	-1.05 - 2.5	0.7/15.5	50504
2002 PA ₁₇	2003 10 15.9	01 21.99 +10 12.5 19.4	-0.74 - 5.3	0.4/16.5	35598
2000 XD ₂	2003 10 15.9	01 22.01 +26 07.6 17.7	-1.06 - 5.0	8.2/21.6	50509
1999 TX ₂₁₇	2003 10 15.9	01 22.03 +11 58.6 18.4	-0.59 -12.8	1.6/17.3	322
2001 CR ₄₄	2003 10 15.9	01 22.03 +00 09.7 19.3	-1.01 - 1.4	2.9/13.8	12291
2001 HP ₃₃	2003 10 15.9	01 22.04 +00 25.4 18.7	-0.88 - 1.6	2.6/13.7	48029
1999 TO ₁₂₄	2003 10 15.9	01 22.07 +23 04.7 19.7	-1.04 - 3.7	5.0/20.2	47806
2002 EF ₆₀	2003 10 16.0	01 22.01 +14 37.0 19.7	-1.07 - 5.5	2.5/17.8	30712
2000 AU ₁₃₅	2003 10 16.0	01 22.03 +28 02.8 18.4	-0.92 - 3.6	6.4/22.2	50453
2002 NK ₁₀	2003 10 16.0	01 22.13 +32 50.4 18.2	-0.87 - 4.3	7.3/24.4	50614
2001 BM ₄₅	2003 10 16.0	01 22.15 +23 29.0 19.7	-1.03 - 4.6	5.2/20.4	35001
2002 JV ₁₂	2003 10 16.0	01 22.17 -07 29.3 19.6	-0.97 - 0.8	5.8/11.9	32015
2001 DZ ₁₂	2003 10 16.0	01 22.23 +12 16.5 18.2	-0.92 - 4.6	1.7/17.1	33897
2002 JZ ₁₁₇	2003 10 16.0	01 22.27 -14 37.9 18.9	-0.91 - 2.5	8.1/09.3	34005
2002 PP ₇₁	2003 10 16.0	01 22.27 +17 12.8 19.5	-0.71 - 6.4	2.3/19.0	35284
2002 JO ₆₉	2003 10 16.0	01 22.30 -06 00.3 19.5	-0.97 - 4.4	5.9/11.8	50609
2000 DL ₄₈	2003 10 16.0	01 22.33 +17 44.8 18.4	-0.87 - 2.4	3.0/18.7	33213
2002 GB ₆₀	2003 10 16.0	01 22.33 -15 20.4 17.8	-0.91 - 2.4	8.4/09.1	50603
1996 UA ₃	2003 10 16.0	01 22.36 -03 53.9 18.3	-1.03 - 0.8	5.8/12.9	47706
1999 XX ₁₉₉	2003 10 16.0	01 22.39 +07 10.6 19.1	-0.91 - 2.9	0.5/15.7	17110
1998 SQ ₃₅	2003 10 16.0	01 22.42 +00 20.1 18.5	-0.86 - 1.4	2.3/13.8	50392
2001 ER ₄	2003 10 16.1	01 22.37 +04 01.0 19.9	-0.77 - 4.4	1.3/14.7	33380
1997 GY ₈	2003 10 16.1	01 22.41 +09 17.4 19.9	-0.88 - 6.0	0.2/16.3	47711
1999 SE ₁₂	2003 10 16.1	01 22.41 +40 48.8 18.7	-1.09 - 7.5	9.9/28.4	33825

2000 AU ₁₆₈	2003 10 16.1	01 22.45 -19 02.6 17.8	-0.89 - 2.5	10.0/07.3	13649
4901 P-L	2003 10 16.1	01 22.45 +05 14.8 19.1	-0.71 - 5.5	1.7/15.0	4862
2001 BL ₉	2003 10 16.1	01 22.47 +17 16.4 19.7	-0.94 - 3.7	2.5/18.6	13805
2000 AV ₁₃₈	2003 10 16.1	01 22.49 -11 00.4 18.2	-0.92 - 3.2	7.2/10.2	50453
2000 ER ₁₀	2003 10 16.1	01 22.52 +08 21.0 20.1	-0.79 - 4.7	0.1/16.0	47861
2001 FG ₁₄	2003 10 16.1	01 22.53 +03 09.7 20.8	-0.86 - 6.8	1.8/14.4	48017
2002 GD ₁₁₀	2003 10 16.1	01 22.56 +09 06.3 18.6	-0.95 - 6.8	0.2/16.3	48230
2000 WN ₁₆₈	2003 10 16.1	01 22.56 -16 39.7 18.7	-0.95 - 4.5	9.2/07.8	12257
1998 FN ₅₇	2003 10 16.1	01 22.60 +07 32.5 18.9	-0.93 - 8.2	0.4/15.8	9699
2001 BB ₇	2003 10 16.1	01 22.61 +16 42.1 19.3	-0.88 - 6.2	2.4/18.7	34997
2000 CT ₂₈	2003 10 16.1	01 22.65 +26 26.9 18.1	-0.90 - 3.1	5.7/21.6	35510
2002 JU ₅₀	2003 10 16.1	01 22.65 +01 26.6 19.8	-1.00 - 2.9	2.6/14.2	33998
2000 DB ₃₁	2003 10 16.1	01 22.65 -04 25.6 18.4	-0.71 - 6.1	4.2/11.8	49790
2001 CU ₃₃	2003 10 16.1	01 22.71 +11 51.0 18.3	-1.05 - 0.9	1.1/17.0	13250
2001 AQ ₄₃	2003 10 16.1	01 22.72 +05 53.2 18.3	-1.05 - 3.8	1.0/15.4	12271
1995 GU ₆	2003 10 16.1	01 22.75 +02 01.9 20.7	-0.72 - 5.2	1.8/14.0	2620
2001 HT ₆₅	2003 10 16.1	01 22.78 +21 51.1 18.6	-0.72 - 9.4	3.7/21.0	33910
2000 YA ₅₁	2003 10 16.1	01 22.79 -06 35.3 18.6	-0.86 - 5.4	7.0/11.4	50512
2000 DX ₆₆	2003 10 16.2	01 22.74 +05 25.2 20.3	-0.74 - 5.0	0.9/15.2	47857
1998 SN ₄₀	2003 10 16.2	01 22.77 +12 02.3 18.4	-0.90 - 3.0	1.1/17.2	47744
1996 HH ₂₁	2003 10 16.2	01 22.78 +04 55.6 18.5	-0.77 - 4.4	1.2/15.0	12113
2001 FP ₁₇₅	2003 10 16.2	01 22.80 -12 59.7 18.2	-0.81 - 3.4	7.1/09.4	13384
1998 FW ₄₀	2003 10 16.2	01 22.80 +09 22.3 19.9	-1.02 - 4.0	0.2/16.4	18160
2002 GC ₁₆₇	2003 10 16.2	01 22.81 +15 52.1 19.7	-0.99 - 9.1	2.7/18.6	33558
2001 GQ ₄	2003 10 16.2	01 22.88 -10 35.1 20.2	-0.88 - 3.1	5.6/10.4	13849
2001 CP ₃₉	2003 10 16.2	01 22.89 +10 08.7 17.0	-1.08 - 1.3	0.7/16.6	50522
2000 CM ₂₃	2003 10 16.2	01 23.00 +07 21.4 19.4	-0.76 - 6.3	0.4/15.8	31896
1998 KQ ₇	2003 10 16.2	01 23.01 +11 38.4 19.3	-0.89 - 8.1	0.9/17.2	16827
1995 FK ₉	2003 10 16.2	01 23.07 +05 56.3 20.5	-0.84 - 1.5	0.8/15.5	12848
1999 XG ₂₀	2003 10 16.2	01 23.08 -03 25.8 18.3	-0.98 - 1.8	4.1/13.0	33843
2002 JS ₁₁₁	2003 10 16.2	01 23.08 +13 00.4 20.0	-1.02 - 5.4	1.4/17.5	48236
2002 JM ₁₄₆	2003 10 16.2	01 23.09 +19 04.2 19.7	-0.99 - 6.3	3.8/19.5	33587
2001 CZ ₁₆	2003 10 16.2	01 23.10 +35 02.3 17.9	-1.23 + 4.3	13.8/23.2	49897
1999 YD ₁₇	2003 10 16.2	01 23.13 +00 49.5 18.2	-0.74 - 5.0	2.5/13.8	50449
1981 EG ₈	2003 10 16.2	01 23.13 +14 05.4 20.8	-0.90 - 5.3	1.6/17.9	26916
1998 HR ₁₄₄	2003 10 16.2	01 23.15 +11 04.3 18.0	-0.91 - 8.0	0.9/17.0	50386
1999 WJ ₆	2003 10 16.2	01 23.16 +04 23.6 18.7	-0.85 - 5.7	1.7/14.9	12203
2000 SM ₃₅₄	2003 10 16.2	01 23.22 +43 31.9 19.4	-1.36 - 5.2	14.6/28.9	47969
1999 RC ₁₃₄	2003 10 16.3	01 23.18 +22 17.6 18.5	-1.06 - 5.5	5.0/21.0	35477
2001 FR ₇₃	2003 10 16.3	01 23.19 +03 30.1 21.7	-0.93 - 4.4	1.7/14.8	48021
2001 HR ₅₈	2003 10 16.3	01 23.19 +20 44.2 18.5	-0.83 - 7.3	4.0/20.3	13483
2001 FE ₇₂	2003 10 16.3	01 23.22 +02 19.2 20.2	-0.79 - 2.4	1.7/14.5	13835
2002 GU ₆₈	2003 10 16.3	01 23.25 -03 05.0 19.0	-0.74 - 6.5	3.6/12.4	33982
2001 EJ ₁₆	2003 10 16.3	01 23.26 +10 36.3 19.7	-0.97 - 1.4	0.6/16.8	48015
2001 AH ₁₆	2003 10 16.3	01 23.27 +15 38.7 19.1	-0.96 - 6.1	2.4/18.4	13803
2002 EH ₉₂	2003 10 16.3	01 23.32 +14 36.3 18.9	-1.00 - 6.9	2.1/18.2	35173
1999 UJ ₁₅	2003 10 16.3	01 23.39 +00 09.2 18.5	-0.95 - 2.3	2.7/14.0	50432
2002 LM ₁	2003 10 16.3	01 23.40 +05 40.6 20.0	-0.85 - 6.5	1.0/15.4	31767
2002 EV ₈₂	2003 10 16.3	01 23.46 +11 44.4 19.6	-1.02 - 5.6	1.2/17.3	33970
2001 FA ₁₇₈	2003 10 16.3	01 23.46 -00 15.4 18.4	-0.71 - 6.8	2.8/13.3	50532
1998 HA ₈₉	2003 10 16.3	01 23.46 +02 25.0 18.7	-1.08 - 0.3	2.5/14.9	50385

1998 UA ₇	2003 10 16.3	01 23.47 -26 54.5 17.7	-0.85 - 0.6	10.8/04.9	50396	2001 FM ₁₁₅	2003 10 16.6	01 24.49 +09 33.5 20.1	-0.81 - 5.1	0.2/16.9	33398
2213 T-3	2003 10 16.3	01 23.47 +14 31.0 17.8	-0.90 - 7.7	2.3/18.2	16170	1998 HW ₁₆	2003 10 16.7	01 24.65 +01 42.1 19.4	-0.86 - 8.1	2.6/14.4	31228
2002 JX ₃₇	2003 10 16.3	01 23.48 +13 14.9 19.3	-1.10 - 3.9	1.8/17.6	33998	2002 GW ₁₅	2003 10 16.7	01 24.66 +06 13.6 16.9	-1.08 - 2.0	1.2/16.0	30737
2001 AY ₃₂	2003 10 16.3	01 23.48 -02 29.1 17.9	-1.02 - 1.9	5.2/13.4	50517	1999 JD ₁₅	2003 10 16.7	01 24.66 -39 57.9 16.9	-1.15 +12.8	25.4/12.5	41574
2000 AB ₁₆₁	2003 10 16.3	01 23.53 -09 37.7 18.4	-0.81 - 3.1	6.2/10.8	47844	1999 JH ₁₁₈	2003 10 16.7	01 24.68 -06 16.8 17.0	-0.95 - 1.4	7.7/12.6	50410
1998 HA ₁₉	2003 10 16.3	01 23.55 +10 46.6 19.5	-0.94 - 6.3	0.7/17.0	47729	2002 JP ₆₄	2003 10 16.7	01 24.70 +05 48.7 19.6	-0.95 - 5.0	1.1/15.8	31692
1999 RK ₈₄	2003 10 16.4	01 23.48 +07 46.3 18.5	-0.88 - 8.1	0.4/16.1	47790	2002 CX ₂₄₄	2003 10 16.7	01 24.76 +14 32.9 18.8	-1.08 - 4.6	2.1/18.3	30689
2001 DV ₆₄	2003 10 16.4	01 23.49 +02 43.3 19.6	-0.92 - 7.9	2.4/14.5	14419	2002 EK ₇₈	2003 10 16.7	01 24.81 +07 23.5 19.0	-0.89 - 6.5	0.6/16.3	30026
2002 JG ₆₇	2003 10 16.4	01 23.50 +04 36.1 19.9	-0.89 - 5.8	1.5/15.1	48235	2001 FL ₁₃₆	2003 10 16.7	01 24.92 -17 47.5 19.3	-0.98 + 1.4	7.7/10.0	14425
1998 WL ₉	2003 10 16.4	01 23.54 +15 15.6 19.2	-0.78 - 4.1	1.8/18.4	38204	1993 TK ₂₆	2003 10 16.7	01 24.93 +05 56.6 17.3	-1.05 + 2.3	1.2/16.1	6717
2002 JX ₁₂₁	2003 10 16.4	01 23.56 -15 14.1 18.2	-0.89 - 2.9	8.5/09.3	34006	2000 DM ₃₅	2003 10 16.7	01 24.97 +05 30.1 19.5	-0.75 - 5.3	1.0/15.7	12237
1998 DU ₃₆	2003 10 16.4	01 23.59 +15 47.1 18.9	-1.04 - 4.9	3.0/18.4	9063	2001 BP ₅₉	2003 10 16.7	01 25.00 +18 19.9 17.5	-0.92 - 6.4	4.3/19.7	50519
2000 YD ₄₆	2003 10 16.4	01 23.62 +09 04.1 19.7	-0.96 - 6.4	0.1/16.5	47999	1999 RV ₁₈₂	2003 10 16.7	01 25.04 +11 28.6 19.2	-0.96 - 5.2	0.9/17.5	47795
2002 AK ₁₂₅	2003 10 16.4	01 23.64 +40 37.7 19.1	-1.64 + 1.0	14.7/24.9	30618	1996 VV ₄	2003 10 16.8	01 24.97 +12 22.3 17.0	-0.86 - 5.6	1.7/17.9	50376
1998 VJ ₄	2003 10 16.4	01 23.66 +01 07.2 19.6	-0.85 - 1.9	2.3/14.3	16024	1998 ST ₆₀	2003 10 16.8	01 25.01 +04 57.1 18.0	-0.83 - 4.1	1.4/15.6	47746
2002 NW ₁₈	2003 10 16.4	01 23.67 +22 03.1 19.3	-0.78 - 5.2	3.8/20.8	48240	2002 JR ₆₇	2003 10 16.8	01 25.03 +30 14.5 18.5	-1.04 -14.5	9.1/24.9	31699
2000 EW ₈₂	2003 10 16.4	01 23.67 +01 07.1 18.1	-0.80 - 3.0	2.2/14.2	31903	2000 QU ₁₈₁	2003 10 16.8	01 25.16 +18 15.5 17.8	-0.95 - 4.9	4.7/19.7	50484
2002 KL ₈	2003 10 16.4	01 23.68 -18 26.3 20.1	-0.82 - 8.1	7.8/06.9	34010	1999 VB ₂₇	2003 10 16.8	01 25.17 +09 54.5 19.1	-0.87 - 5.6	0.3/17.1	47819
1996 TV ₉	2003 10 16.4	01 23.70 +01 42.2 18.6	-0.85 - 7.4	3.2/14.1	30251	1999 XR ₁₇₇	2003 10 16.8	01 25.17 -08 56.4 19.3	-0.82 - 2.9	5.3/11.5	50446
2000 YU ₉₆	2003 10 16.4	01 23.71 +03 57.9 17.7	-0.90 - 4.9	2.3/15.0	50514	2001 FC ₁₅₇	2003 10 16.8	01 25.19 +01 24.7 19.8	-0.86 - 3.7	2.3/14.6	48026
2002 CA ₁₁	2003 10 16.4	01 23.72 -29 04.8 20.3	-1.02 - 1.5	11.7/05.2	30637	2002 JG ₇₀	2003 10 16.8	01 25.19 -05 52.0 18.5	-0.83 - 5.1	5.3/12.3	32025
1999 NT ₃₆	2003 10 16.4	01 23.75 +32 44.1 17.7	-1.14 - 2.0	11.0/24.1	50412	4300 T-1	2003 10 16.8	01 25.20 +04 20.1 20.2	-0.91 - 5.6	1.5/15.5	32092
2001 KC ₄	2003 10 16.4	01 23.86 -03 34.2 20.1	-0.75 - 2.8	3.1/12.8	33910	2000 HE ₆₄	2003 10 16.8	01 25.21 +19 09.3 17.8	-0.84 - 4.7	3.2/20.0	33876
1999 RF ₁₉	2003 10 16.5	01 23.86 +06 19.9 18.4	-0.94 - 5.9	1.0/15.8	9110	1998 OA ₄	2003 10 16.8	01 25.21 +09 55.2 19.8	-0.84 - 6.0	0.3/17.2	47733
1999 VO ₆₈	2003 10 16.5	01 23.93 -05 46.9 17.3	-0.95 - 0.7	5.9/12.7	31876	1997 GH ₇	2003 10 16.8	01 25.29 +04 08.9 19.2	-0.87 - 4.5	1.6/15.4	47711
2002 HW ₆	2003 10 16.5	01 23.94 +14 56.6 18.6	-1.00 - 6.1	2.3/18.4	33994	1999 XZ ₆₀	2003 10 16.8	01 25.31 +20 30.2 17.2	-0.77 -10.2	4.7/21.1	50443
4367 T-3	2003 10 16.5	01 23.94 +00 36.5 18.9	-1.05 + 0.2	3.1/14.5	48393	1999 TO ₆₀	2003 10 16.8	01 25.32 +10 18.3 20.2	-0.95 - 5.8	0.5/17.3	47803
1999 UK ₁₄	2003 10 16.5	01 23.98 +05 09.5 19.3	-0.87 - 7.1	1.3/15.4	47815	1999 XT ₂₄₂	2003 10 16.8	01 25.33 +10 42.9 17.2	-1.08 + 1.4	0.7/17.3	50448
2000 YQ ₁₀₄	2003 10 16.5	01 23.99 -22 03.2 19.5	-0.72 - 5.1	7.4/05.7	50514	2000 WO ₁₃₆	2003 10 16.8	01 25.39 +09 02.5 19.2	-1.08 - 4.3	0.0/16.9	29584
2001 FL ₄₆	2003 10 16.5	01 24.05 +08 04.3 19.8	-0.88 - 3.9	0.2/16.3	33903	1999 SY ₂₇	2003 10 16.8	01 25.39 +45 49.0 18.1	-0.98 -12.2	13.3/02.6	50422
1996 PX	2003 10 16.5	01 24.05 +18 00.9 17.9	-1.08 - 5.4	3.6/19.2	50375	1994 AC ₁₃	2003 10 16.8	01 25.40 +07 16.7 21.1	-0.98 - 4.9	0.6/16.4	47690
1999 RK ₂₁₈	2003 10 16.5	01 24.05 +14 29.6 17.7	-0.94 - 7.1	2.3/18.3	13608	1999 XV ₂₅₈	2003 10 16.9	01 25.39 -00 20.8 20.2	-0.85 - 4.3	3.0/14.1	47837
1998 BC ₈	2003 10 16.5	01 24.08 +12 14.9 19.7	-1.00 - 5.1	1.2/17.5	47722	1998 RQ ₆₈	2003 10 16.9	01 25.47 +10 41.2 18.1	-0.83 - 4.5	0.6/17.4	50391
1996 EA ₃	2003 10 16.5	01 24.13 +07 30.7 19.1	-0.88 - 3.2	0.4/16.2	33758	2001 AW ₃₅	2003 10 16.9	01 25.47 +14 27.7 18.4	-1.05 - 3.2	2.1/18.4	11027
1999 XK ₁₂₉	2003 10 16.5	01 24.13 +14 18.9 18.7	-0.95 - 2.8	1.9/18.1	13635	1999 XK ₂₄₄	2003 10 16.9	01 25.48 -04 34.7 18.9	-0.75 -10.2	4.8/12.0	50448
2001 FC ₁₃₁	2003 10 16.5	01 24.18 +10 50.0 20.1	-0.86 - 4.9	0.7/17.2	48025	2000 QZ ₁₈₀	2003 10 16.9	01 25.57 +05 36.7 17.3	-1.12 - 2.1	1.4/16.1	47926
2001 DT ₁₄	2003 10 16.5	01 24.22 +01 20.7 19.7	-0.82 - 4.9	2.4/14.3	48010	1999 RL ₂₁₂	2003 10 16.9	01 25.76 +27 33.7 18.6	-0.98 - 6.8	6.0/23.2	50421
2000 CD ₅₂	2003 10 16.5	01 24.23 +07 41.5 19.2	-0.72 - 4.5	0.3/16.2	6268	1999 VX ₄₉	2003 10 16.9	01 25.78 +11 03.4 19.0	-0.88 - 5.3	0.8/17.6	12190
1999 UB ₁₅	2003 10 16.5	01 24.23 +04 23.1 18.2	-0.94 - 3.1	1.8/15.3	16042	1999 TY ₂₃₂	2003 10 16.9	01 25.79 -08 37.7 17.9	-0.86 - 4.9	6.3/11.5	50429
1998 SP ₅₃	2003 10 16.5	01 24.24 +16 48.4 17.3	-0.86 - 4.3	3.0/19.0	50392	2001 CT ₃₀	2003 10 16.9	01 25.79 +15 45.0 18.6	-1.06 - 0.8	2.4/18.7	14264
2000 AH ₃₀	2003 10 16.5	01 24.27 +27 48.7 18.8	-0.83 - 3.9	4.9/22.8	38233	1999 RS ₁₁₈	2003 10 16.9	01 25.79 +10 11.4 18.5	-0.90 - 8.6	0.5/17.4	50417
2001 FH ₁₀₁	2003 10 16.5	01 24.31 +27 27.0 19.6	-0.91 - 4.3	5.5/22.6	33397	5710 T-3	2003 10 16.9	01 25.80 -04 09.0 18.8	-0.99 - 0.9	4.5/13.6	11067
2002 GZ ₁₂₂	2003 10 16.6	01 24.26 +01 27.3 19.0	-0.89 - 5.2	2.9/14.4	31590	2000 YC ₁₆	2003 10 16.9	01 25.82 +11 17.9 18.5	-1.15 - 0.8	0.9/17.6	30439
1981 EL ₁₄	2003 10 16.6	01 24.30 +21 00.2 19.2	-0.95 - 1.8	4.1/20.0	16695	2000 CP ₃₄	2003 10 17.0	01 25.71 +07 09.8 18.8	-0.78 - 4.2	0.6/16.4	25770
2002 JN ₁₀₃	2003 10 16.6	01 24.32 -03 29.6 18.9	-1.00 - 2.2	5.1/13.3	35196	2000 EV ₁₃₂	2003 10 17.0	01 25.72 +06 22.6 19.2	-0.74 - 4.9	0.8/16.2	33870
2000 EK ₃₁	2003 10 16.6	01 24.39 +14 49.1 18.1	-0.84 - 2.2	1.7/18.3	34914	1999 VG ₇₀	2003 10 17.0	01 25.73 +10 27.7 19.6	-0.87 - 6.9	0.6/17.5	31298
1999 CS ₁₁	2003 10 16.6	01 24.42 +43 28.8 18.2	-1.55 + 0.4	15.5/26.4	31851	2002 NQ ₂₀	2003 10 17.0	01 25.80 +26 15.9 19.5	-0.92 - 6.3	5.4/22.7	48241
1998 FH ₁₉	2003 10 16.6	01 24.46 +17 30.3 19.3	-1.02 - 4.9	2.9/19.2	47725	2002 EP ₂₅	2003 10 17.0	01 25.85 +14 56.6 19.6	-1.10 - 3.5	2.2/18.6	48217
2000 YH ₄₉	2003 10 16.6	01 24.48 +19 15.9 19.2	-1.00 - 5.8	4.0/19.8	9495	1998 QO ₁₂	2003 10 17.0	01 25.86 +01 19.9 17.7	-0.74 - 8.5	3.0/14.4	50388
1999 VG ₁₆₄	2003 10 16.6	01 24.48 +21 58.9 18.5	-0.81 -11.0	5.0/21.5	31878	1999 XJ ₁₉₂	2003 10 17.0	01 25.90 +02 50.7 16.7	-0.92 - 1.9	2.3/15.4	50447
2001 FM ₁₁	2003 10 16.6	01 24.49 +02 29.0 18.8	-0.80 - 7.3	2.0/14.6	33901	2002 JE ₄₄	2003 10 17.0	01 25.93 +18 43.6 19.3	-0.99 - 7.9	3.7/20.2	31666

2003 OCT. 10

M.P.C. 49807

2000 CE ₈₁	2003 10 17.0	01 25.94 -13 39.5 20.5	-0.70 - 5.2	5.7/09.3	7520
2001 HN	2003 10 17.0	01 25.95 -09 17.5 18.1	-0.99 + 1.4	5.7/12.7	13850
1999 TK ₁₆₃	2003 10 17.0	01 25.99 +01 55.2 18.7	-0.86 - 5.8	2.3/14.9	31869
2002 JQ ₈₃	2003 10 17.0	01 26.03 +09 01.8 18.8	-0.91 - 5.5	0.0/17.1	32027
1996 JT ₇	2003 10 17.0	01 26.10 -02 24.1 18.0	-0.82 - 2.5	4.1/13.8	47703
1999 SK ₁₅	2003 10 17.0	01 26.13 +26 48.2 18.4	-0.94 -10.0	7.1/23.7	1470
2002 LQ ₁₄	2003 10 17.0	01 26.15 +27 47.7 18.3	-0.83 - 6.8	5.7/23.8	34013
2000 QQ ₁₈₀	2003 10 17.0	01 26.20 +35 02.6 19.2	-1.65 + 2.3	11.7/22.9	50484
2002 HP ₁₂	2003 10 17.1	01 26.20 -12 12.6 19.7	-0.91 - 3.3	6.4/11.1	32012
2000 EK ₁₈₃	2003 10 17.1	01 26.27 +01 49.0 18.2	-0.89 - 1.4	2.4/15.2	31905
1995 UQ ₂₃	2003 10 17.1	01 26.28 +07 01.3 19.7	-1.08 - 0.3	0.7/16.7	34691
1999 RG ₅₀	2003 10 17.1	01 26.28 +13 22.6 18.2	-0.94 - 6.4	1.9/18.5	50415
2001 ET	2003 10 17.1	01 26.29 +21 41.8 19.1	-0.98 - 2.3	3.8/20.7	48014
1995 WN ₂₄	2003 10 17.1	01 26.36 +02 54.7 21.4	-1.04 - 1.5	2.2/15.6	6732
2000 YO ₆₈	2003 10 17.1	01 26.38 -05 16.5 19.4	-0.84 - 6.3	4.5/12.5	48000
2001 DY ₁₆	2003 10 17.1	01 26.39 -01 23.5 18.9	-0.86 - 4.3	3.3/14.0	35014
2002 JS ₈₁	2003 10 17.1	01 26.42 +08 34.9 18.7	-1.09 - 2.7	0.2/17.0	32027
2001 CZ ₂₅	2003 10 17.1	01 26.46 +10 37.9 19.6	-0.86 - 4.1	0.5/17.6	33895
2000 DP ₈₄	2003 10 17.1	01 26.49 +05 53.2 18.4	-0.77 - 5.1	1.1/16.2	47859
1998 YK ₁₂	2003 10 17.1	01 26.49 +49 52.9 18.4	-1.25 - 5.3	19.6/04.1	3901
2001 FM ₄₆	2003 10 17.1	01 26.50 +09 53.0 18.2	-0.93 - 0.6	0.3/17.4	50528
2002 HR ₁₃	2003 10 17.1	01 26.51 +06 14.5 20.3	-0.80 - 8.1	0.8/16.3	32012
2002 JZ ₁₂	2003 10 17.2	01 26.49 -03 53.6 20.0	-0.91 - 2.2	4.4/13.7	32015
2000 AY ₂₃₇	2003 10 17.2	01 26.51 +18 54.4 17.4	-0.69 - 6.4	4.9/20.6	50455
2002 GJ ₃₅	2003 10 17.2	01 26.56 -37 12.7 18.8	-1.33 + 2.8	20.1/03.6	31994
2002 JP ₆₂	2003 10 17.2	01 26.57 +09 57.4 17.9	-0.81 - 9.6	0.3/17.5	32023
2001 CS ₂₃	2003 10 17.2	01 26.67 +12 54.3 19.2	-1.00 - 5.6	1.7/18.4	48009
2001 BA ₂₆	2003 10 17.2	01 26.67 +07 15.7 18.4	-0.94 - 6.8	0.7/16.7	12274
1999 XD ₇	2003 10 17.2	01 26.69 -05 09.5 20.1	-0.96 - 2.0	4.6/13.3	13024
1999 XW ₆₆	2003 10 17.2	01 26.70 -00 14.0 17.6	-0.89 - 2.7	4.0/14.6	1551
2001 DL ₆₆	2003 10 17.2	01 26.78 +07 35.3 19.4	-0.88 - 6.3	0.5/16.8	12301
2000 AN ₁₉₆	2003 10 17.2	01 26.79 -00 21.1 16.8	-0.64 -10.5	4.2/13.7	49783
1999 RK ₂₄₄	2003 10 17.2	01 26.79 +10 39.3 18.0	-0.90 - 5.1	0.7/17.7	50421
2001 FD ₇₁	2003 10 17.2	01 26.89 +02 26.6 20.6	-0.73 - 4.0	1.7/15.2	46526
2002 JN ₄₉	2003 10 17.3	01 26.86 +11 42.8 18.9	-1.06 - 4.9	1.0/18.0	31674
1999 VG ₁₉₆	2003 10 17.3	01 26.89 -17 17.8 18.0	-0.86 - 3.2	10.6/08.7	50439
2001 CG ₃₈	2003 10 17.3	01 26.96 +04 56.8 19.8	-0.85 - 5.8	1.3/16.0	48009
1999 JT ₄₉	2003 10 17.3	01 26.98 -00 38.6 18.1	-1.07 - 2.7	4.2/14.8	50408
1998 TN ₄	2003 10 17.3	01 27.02 +10 57.8 19.6	-0.84 - 4.6	0.6/17.9	27612
2002 JQ ₄₁	2003 10 17.3	01 27.03 +10 48.0 16.4	-0.89 - 8.5	0.7/17.9	50608
1991 TM ₁₁	2003 10 17.3	01 27.04 +08 09.2 19.5	-0.98 - 3.1	0.4/17.1	38172
2001 KF ₂₁	2003 10 17.3	01 27.05 -00 08.0 20.5	-0.71 - 4.2	2.4/14.4	48032
2002 JM ₃₃	2003 10 17.3	01 27.08 +08 04.9 20.0	-0.99 - 6.0	0.4/17.0	31651
2002 CS ₁₃₄	2003 10 17.3	01 27.13 +04 44.7 19.9	-0.95 - 6.8	1.5/16.0	31969
2001 DD ₁₀	2003 10 17.3	01 27.13 +02 51.5 20.6	-0.85 - 3.4	1.8/15.6	12293
1999 RO ₂₂₀	2003 10 17.3	01 27.14 +19 36.3 18.7	-0.97 - 6.7	4.1/21.0	47797
2002 DP ₂	2003 10 17.3	01 27.16 -39 22.5 18.5	-1.55 +12.5	25.9/09.2	27559
1999 RE ₁₃₉	2003 10 17.3	01 27.21 +12 04.9 18.8	-0.99 - 6.0	1.1/18.3	31860
1999 YY ₂₂	2003 10 17.3	01 27.21 +23 51.6 19.1	-0.89 - 4.6	5.6/22.0	47838
2001 CL ₂₃	2003 10 17.3	01 27.27 +26 08.2 19.0	-0.97 - 4.1	5.4/22.7	31395
2000 EC ₁₃₇	2003 10 17.4	01 27.21 +05 13.9 19.5	-0.77 - 4.4	1.1/16.2	47869

2002 GL ₄	2003 10 17.4	01 27.21 +06 22.4 17.7	-1.83 +10.4	1.5/17.1	50601
2001 AN ₃₃	2003 10 17.4	01 27.24 +00 04.1 19.2	-1.03 - 2.0	4.3/15.0	50517
2000 YM ₄₁	2003 10 17.4	01 27.30 +19 09.9 19.2	-0.98 - 6.3	3.7/20.5	9488
2001 AK ₃₄	2003 10 17.4	01 27.38 +18 14.1 17.8	-1.06 - 1.8	4.4/19.8	10680
2002 LU ₅₅	2003 10 17.4	01 27.40 +00 36.9 18.2	-0.75 - 9.7	2.8/14.5	50613
2000 XE ₂₉	2003 10 17.4	01 27.44 +04 32.6 18.0	-1.10 + 0.5	2.3/16.4	30437
2002 GG ₇₅	2003 10 17.4	01 27.49 +12 09.3 18.2	-1.00 - 3.8	1.4/18.3	50603
2000 YQ ₁₁₀	2003 10 17.4	01 27.58 -03 31.2 18.7	-0.97 - 3.1	5.5/14.0	48001
1993 TK ₆	2003 10 17.4	01 27.61 +12 47.4 19.3	-1.10 - 3.6	1.4/18.5	9031
2001 DA ₄₁	2003 10 17.4	01 27.61 +18 48.9 17.4	-1.18 + 1.8	3.9/19.6	50524
2001 FL ₁₂₁	2003 10 17.4	01 27.65 +28 11.2 20.3	-0.84 - 3.7	4.7/23.7	37582
2002 JB ₁₀₀	2003 10 17.5	01 27.62 -02 18.5 19.3	-0.69 - 9.3	3.8/13.4	31728
1999 XJ ₆₁	2003 10 17.5	01 27.62 +16 25.3 19.7	-0.85 - 6.5	2.1/19.8	14380
1999 ME ₁	2003 10 17.5	01 27.64 +11 10.3 18.5	-0.92 - 8.7	0.8/18.2	31855
2001 FX ₄₁	2003 10 17.5	01 27.65 +13 18.5 18.1	-0.87 - 2.1	1.2/18.7	50528
2000 BR ₄	2003 10 17.5	01 27.73 +04 29.9 19.3	-1.00 - 1.7	1.6/16.3	17146
2002 GH ₁₁₆	2003 10 17.5	01 27.74 -04 33.7 19.8	-0.93 - 5.0	5.7/13.5	48230
2002 JP ₅₈	2003 10 17.5	01 27.75 +10 21.2 17.6	-0.81 - 4.8	0.4/17.9	50609
2001 AS ₃₇	2003 10 17.5	01 27.83 +14 43.5 17.6	-1.16 + 0.5	2.4/18.8	50517
2002 GP ₇₅	2003 10 17.5	01 27.94 +15 27.3 18.8	-0.97 - 7.2	2.6/19.5	31545
2001 FC ₂₃	2003 10 17.5	01 27.95 +04 07.9 18.7	-0.93 - 2.3	1.7/16.2	33902
2001 AP ₂₄	2003 10 17.5	01 27.96 -05 46.3 19.1	-0.96 - 3.3	5.7/13.3	17528
1998 YW ₁₃	2003 10 17.5	01 28.01 +19 41.9 19.7	-0.75 - 6.1	2.9/21.1	33792
2001 FJ ₇₄	2003 10 17.6	01 27.95 -03 23.6 18.8	-0.73 - 6.5	4.0/13.4	50529
2002 KG ₆	2003 10 17.6	01 27.97 +44 53.4 18.0	-0.91 - 5.9	10.3/01.0	50612
1999 XM ₁₆₄	2003 10 17.6	01 27.99 -16 22.1 19.2	-0.75 - 3.0	6.3/09.4	33849
1999 XV ₁₂₀	2003 10 17.6	01 28.06 +22 19.4 18.2	-0.88 - 7.1	4.9/22.0	33848
2000 AE ₁₇₀	2003 10 17.6	01 28.13 +20 04.5 18.5	-0.78 -10.8	4.0/21.6	18226
2000 AU ₇₀	2003 10 17.6	01 28.14 +07 54.5 18.4	-0.81 - 7.0	0.5/17.2	50451
2002 JF ₅₅	2003 10 17.6	01 28.15 +06 18.6 20.0	-0.96 - 3.5	1.0/16.8	32022
2001 DA ₄	2003 10 17.6	01 28.20 +03 57.5 19.2	-0.89 - 4.0	1.7/16.1	35013
1997 CS ₂₁	2003 10 17.6	01 28.26 +10 26.7 19.8	-0.92 - 4.6	0.4/18.0	39919
2000 VR ₅₁	2003 10 17.6	01 28.26 +14 45.2 18.3	-1.16 - 3.4	2.4/19.1	31922
1998 SO ₆₀	2003 10 17.6	01 28.29 +05 18.9 18.5	-0.81 - 5.0	1.4/16.5	47746
2000 WW	2003 10 17.6	01 28.35 +05 35.3 18.0	-1.07 - 3.6	1.4/16.7	33886
2000 YG ₈₀	2003 10 17.6	01 28.38 +17 53.5 18.8	-1.02 - 6.0	3.3/20.3	35538
2001 LY ₅	2003 10 17.6	01 28.39 +03 25.7 18.1	-0.99 + 1.7	2.3/16.4	50536
1999 XU ₂₁₂	2003 10 17.6	01 28.39 +12 07.0 17.4	-0.81 - 9.3	1.1/18.7	1558
1999 VB ₇₀	2003 10 17.6	01 28.42 -01 40.0 19.5	-1.01 - 0.8	4.0/15.0	15647
2002 JS ₄₇	2003 10 17.7	01 28.38 +08 29.8 19.4	-1.11 - 2.4	0.3/17.5	33998
2000 YF ₁₄₀	2003 10 17.7	01 28.39 +00 06.8 19.0	-0.95 - 2.1	2.8/15.3	20835
1999 UH ₅₄	2003 10 17.7	01 28.46 +16 10.0 19.5	-0.90 - 5.5	2.3/19.8	47817
1999 VL ₂₆	2003 10 17.7	01 28.46 +04 43.3 18.2	-0.89 - 4.0	1.8/16.4	11634
2001 CX ₁₈	2003 10 17.7	01 28.48 +14 49.8 18.9	-0.99 - 4.7	2.0/19.3	13810
1999 RS ₂₀	2003 10 17.7	01 28.53 +12 23.5 18.2	-0.87 - 6.0	1.4/18.7	50414
1998 HR ₂₃	2003 10 17.7	01 28.61 +09 53.8 19.6	-0.92 - 5.9	0.2/17.9	47729
1998 FM ₁₁₉	2003 10 17.7	01 28.61 +11 27.8 20.9	-0.89 - 8.2	0.7/18.5	47727
1999 NT ₄₉	2003 10 17.7	01 28.66 +15 54.9 18.1	-0.98 - 7.0	2.6/19.8	50413
1998 YL ₃	2003 10 17.7	01 28.67 +09 38.1 18.0	-0.76 - 4.1	0.1/17.9	33791
1998 FA ₆₃	2003 10 17.7	01 28.70 +12 17.3 19.4	-1.04 - 3.8	1.1/18.6	47726
1999 XV ₁₃₄	2003 10 17.7	01 28.71 -21 53.5 17.7	-0.87 - 1.2	13.0/07.6	34836

2001 FP ₁₂₇	2003 10 17.7	01 28.71 +33 24.2 19.6	-1.05 - 0.3	7.0/24.7	35549
1999 NX ₃₃	2003 10 17.7	01 28.79 -02 20.8 18.8	-1.03 - 3.2	4.6/14.7	50412
1999 TD ₁₈	2003 10 17.8	01 28.71 +02 51.0 18.6	-0.94 - 3.6	2.6/16.0	30318
2002 JT ₆₁	2003 10 17.8	01 28.72 -04 04.1 19.0	-0.95 - 4.3	4.9/14.0	33999
1999 RM ₁₇₀	2003 10 17.8	01 28.73 +06 25.8 18.3	-0.84 - 6.6	1.3/16.9	50419
2000 WY ₅₄	2003 10 17.8	01 28.75 -01 41.6 18.9	-1.01 - 3.6	4.7/14.7	47989
2002 JP ₃₀	2003 10 17.8	01 28.81 +07 59.7 20.2	-0.86 - 7.1	0.4/17.4	31648
2001 GT ₄	2003 10 17.8	01 28.82 -07 12.3 15.7	-1.27 + 5.7	8.2/14.7	13849
2000 CV ₂₀	2003 10 17.8	01 28.85 +09 56.1 19.2	-0.80 - 5.0	0.2/18.0	47849
1998 SV ₁₆₆	2003 10 17.8	01 28.87 +16 03.9 19.5	-0.90 - 3.5	2.1/19.8	33785
2002 NH ₁₆	2003 10 17.8	01 28.88 +19 32.6 20.4	-0.99 - 5.7	3.3/21.0	48240
2000 ET ₃₇	2003 10 17.8	01 28.92 -01 01.4 18.7	-0.71 - 8.0	2.9/14.2	50464
2000 YV ₆	2003 10 17.8	01 28.92 +24 30.8 16.9	-1.02 - 4.6	7.2/22.5	50511
2001 CZ	2003 10 17.8	01 28.97 +06 09.9 19.4	-1.00 - 5.0	1.4/17.0	48008
2001 DS	2003 10 17.8	01 29.00 +02 24.8 20.3	-0.83 - 5.1	2.1/15.8	13812
2001 FQ ₉₆	2003 10 17.8	01 29.03 -06 02.8 18.7	-0.74 - 6.5	4.8/12.7	50530
1999 XR ₂₂₀	2003 10 17.8	01 29.09 -02 14.4 17.2	-0.68 - 4.6	5.9/14.1	50447
1999 TD ₁₇₈	2003 10 17.8	01 29.13 +13 01.8 17.5	-0.80 -10.1	1.2/19.2	35483
2000 EG ₂₈	2003 10 17.9	01 29.08 -08 10.7 18.4	-0.76 - 3.0	5.2/12.6	33868
2001 FQ ₆₇	2003 10 17.9	01 29.18 +02 11.2 19.9	-0.71 - 5.6	1.9/15.6	48021
1996 VZ ₅	2003 10 17.9	01 29.18 -23 21.8 18.9	-1.18 - 1.1	11.3/07.8	50376
1999 XZ ₄₀	2003 10 17.9	01 29.20 +23 34.2 17.9	-0.77 -10.7	6.0/23.3	1549
1998 SB ₁₅₄	2003 10 17.9	01 29.22 +02 40.4 19.4	-0.81 - 5.2	2.2/15.9	33054
1995 FY ₇	2003 10 17.9	01 29.28 +01 38.6 18.1	-1.06 - 2.4	3.4/16.0	50372
1994 PA ₁₃	2003 10 17.9	01 29.29 +11 42.1 19.6	-0.88 - 5.2	0.9/18.7	47692
2000 UL ₈₀	2003 10 17.9	01 29.32 +08 32.0 18.4	-1.08 - 4.5	0.3/17.7	31919
1999 NT ₂	2003 10 17.9	01 29.33 -31 09.5 18.5	-0.99 - 3.4	13.9/04.6	50412
2000 CV ₇₂	2003 10 17.9	01 29.33 +23 14.7 18.7	-0.83 - 4.6	4.0/22.4	35512
2001 FJ ₁₆	2003 10 17.9	01 29.38 +02 29.2 20.1	-0.77 - 8.4	2.1/15.6	13825
1999 UY ₄₉	2003 10 17.9	01 29.39 +04 17.1 19.4	-0.89 - 5.3	1.9/16.4	14376
2000 AG ₁₄₅	2003 10 18.0	01 29.53 -08 42.4 18.7	-0.74 - 4.4	5.0/12.2	35506
2802 P-L	2003 10 18.0	01 29.54 +13 33.9 17.8	-1.16 + 3.8	2.0/18.8	38004
2002 JH ₄₃	2003 10 18.0	01 29.54 +20 57.1 19.4	-0.88 - 9.1	3.9/22.1	32020
1999 XT ₁₂₅	2003 10 18.0	01 29.60 +00 21.4 19.9	-0.97 - 2.2	2.9/15.6	47832
2002 LU ₂₂	2003 10 18.0	01 29.61 +15 19.0 19.6	-0.82 - 9.6	2.1/20.1	38337
1992 EY ₂₄	2003 10 18.0	01 29.61 +02 29.3 18.8	-1.03 - 5.4	2.6/16.1	31802
2002 JG ₆₅	2003 10 18.0	01 29.63 -01 18.3 19.4	-1.00 - 3.5	4.0/15.1	48235
1999 YF ₁₀	2003 10 18.0	01 29.66 +02 14.8 19.9	-0.86 - 4.8	2.4/15.9	13087
2001 DB ₅₉	2003 10 18.0	01 29.68 -26 54.3 20.4	-0.74 - 2.8	8.2/05.8	13815
1999 VH ₁₉₅	2003 10 18.0	01 29.70 +02 54.3 18.9	-0.95 - 2.4	2.7/16.3	47826
2002 GH ₈₂	2003 10 18.0	01 29.73 +02 40.8 20.2	-1.06 - 3.8	2.4/16.3	31553
2001 CC ₃₆	2003 10 18.0	01 29.75 +06 56.4 20.4	-0.90 - 3.9	0.7/17.4	12290
1999 RT ₃₁	2003 10 18.0	01 29.79 +09 53.7 18.7	-0.96 - 5.7	0.2/18.2	41580
1999 TL ₁₀₇	2003 10 18.0	01 29.86 +20 46.7 19.4	-0.99 - 5.8	4.2/21.6	9758
2001 FF ₁₁₆	2003 10 18.0	01 29.87 +09 16.8 19.5	-0.79 -10.1	0.0/18.0	48024
2000 YP ₁₃₉	2003 10 18.0	01 29.87 +28 32.9 18.3	-0.92 - 7.7	6.6/24.7	33891
1994 EG ₅	2003 10 18.0	01 29.88 +21 55.3 19.3	-1.08 - 3.5	5.1/21.5	47691
2001 FW ₄₆	2003 10 18.0	01 29.89 +14 00.5 20.3	-0.76 - 4.1	1.1/19.5	37564
1999 VT ₁₄₄	2003 10 18.0	01 29.92 +35 45.4 17.7	-1.00 - 2.5	12.3/27.2	50437
1999 VT ₅₀	2003 10 18.1	01 29.88 +15 54.5 17.6	-0.66 - 7.0	3.3/20.4	49742
2002 JY ₅₀	2003 10 18.1	01 29.92 +09 32.7 19.9	-0.94 - 4.2	0.0/18.2	48234

2001 FG ₆₁	2003 10 18.1	01 29.95 +07 01.3 20.4	-0.77 - 4.0	0.6/17.4	48020
2000 AY ₂₃₉	2003 10 18.1	01 29.96 +09 44.5 18.2	-0.80 - 5.2	0.1/18.2	50456
1999 VQ ₉	2003 10 18.1	01 29.97 +12 09.6 16.7	-0.78 - 7.7	1.2/19.0	49738
2000 YX ₅₇	2003 10 18.1	01 30.00 +07 30.7 20.1	-0.96 - 5.8	0.7/17.6	47999
2000 WZ ₁₁₂	2003 10 18.1	01 30.04 +20 43.5 18.1	-1.07 - 5.3	4.5/21.4	50507
2002 GS ₁₈	2003 10 18.1	01 30.06 +09 38.6 19.3	-0.98 - 3.1	0.1/18.2	31992
1999 XR ₁₀₅	2003 10 18.1	01 30.10 +19 11.1 18.4	-0.83 - 8.2	3.1/21.4	14381
1999 XY ₃₆	2003 10 18.1	01 30.12 +04 12.4 17.7	-1.08 + 0.5	2.0/17.0	14380
2002 JK ₄₂	2003 10 18.1	01 30.22 +06 18.6 19.0	-0.95 - 3.9	1.0/17.3	32020
2002 LZ ₃₀	2003 10 18.1	01 30.22 +01 59.3 19.8	-0.96 - 6.2	2.8/16.0	33612
2001 BH ₄₀	2003 10 18.1	01 30.23 -15 42.9 19.0	-0.92 - 2.3	8.2/10.8	13807
1999 XJ ₁₆₈	2003 10 18.2	01 30.20 +12 26.5 18.0	-0.90 - 2.6	1.4/19.0	49767
2002 EA ₉₈	2003 10 18.2	01 30.26 +03 58.1 17.9	-1.07 - 3.2	2.2/16.8	31981
2001 HK ₁₁	2003 10 18.2	01 30.29 +09 27.3 18.7	-0.71 - 6.6	0.0/18.2	33408
1999 RZ ₇₁	2003 10 18.2	01 30.29 +11 19.2 18.3	-1.01 - 2.1	0.9/18.7	34773
1990 EC ₁	2003 10 18.2	01 30.30 +09 30.5 18.8	-0.87 - 8.7	0.0/18.2	47682
1996 AZ ₁₁	2003 10 18.2	01 30.31 +09 59.2 20.1	-0.81 - 7.1	0.2/18.4	11475
2001 DQ ₁₀₆	2003 10 18.2	01 30.32 -06 58.2 18.9	-0.69 - 7.7	4.8/12.5	50525
2000 AE ₁₈₆	2003 10 18.2	01 30.33 +00 51.0 18.0	-0.79 - 9.5	2.9/15.3	50454
2001 BP ₂₇	2003 10 18.2	01 30.34 -02 49.3 18.9	-0.92 - 5.7	4.6/14.5	12274
2000 WM ₁₁₆	2003 10 18.2	01 30.35 +16 23.0 17.7	-1.03 - 5.5	2.9/20.3	50507
2000 WH ₁₃	2003 10 18.2	01 30.36 -03 15.1 18.4	-0.91 - 2.5	6.9/14.8	49843
1999 RL ₈₆	2003 10 18.2	01 30.37 +01 29.9 18.3	-0.84 - 4.1	3.8/15.9	40361
2001 FD ₁₆	2003 10 18.2	01 30.37 +10 28.4 18.1	-0.84 - 2.5	0.3/18.5	48018
2000 YP ₄₀	2003 10 18.2	01 30.41 +02 37.1 18.8	-0.91 - 6.6	3.0/16.1	50512
2002 HY ₁₄	2003 10 18.2	01 30.50 +08 13.5 19.5	-0.96 - 6.0	0.5/17.9	33560
1999 XQ ₂₀₄	2003 10 18.2	01 30.55 +30 15.3 17.8	-1.04 - 1.6	7.6/24.1	35498
1999 TZ ₈₆	2003 10 18.2	01 30.57 +04 05.8 19.3	-0.95 - 6.7	1.9/16.7	33828
1995 FO ₁₂	2003 10 18.2	01 30.59 +07 29.8 18.7	-0.73 - 6.3	0.7/17.6	13543
2002 KJ ₁₃	2003 10 18.2	01 30.60 +15 23.3 19.8	-0.97 - 7.3	2.2/20.1	48238
1997 HL ₁₀	2003 10 18.2	01 30.62 +08 26.1 19.2	-0.85 - 5.9	0.4/18.0	47712
2001 BQ ₅₀	2003 10 18.3	01 30.60 +31 30.8 18.9	-1.04 - 4.0	7.7/25.4	50519
1999 TO ₂₄₈	2003 10 18.3	01 30.61 +10 10.2 17.1	-0.52 -17.4	0.3/18.6	2671
2000 BJ ₂	2003 10 18.3	01 30.64 +31 04.9 19.2	-1.24 + 1.4	6.8/23.4	12234
1999 TE ₂₄₄	2003 10 18.3	01 30.75 +12 17.9 18.9	-1.03 - 3.2	1.1/19.1	31871
2000 CF ₁₃	2003 10 18.3	01 30.78 +25 53.3 17.9	-0.87 - 4.6	5.8/23.6	50457
2002 JP ₂₄	2003 10 18.3	01 30.80 +00 04.5 18.9	-1.03 - 4.4	3.4/15.7	31640
2001 AZ ₁₄	2003 10 18.3	01 30.80 -11 11.8 19.9	-0.82 - 5.8	6.3/11.7	50516
1993 FP ₄₈	2003 10 18.3	01 30.81 +10 29.5 19.5	-0.89 - 5.4	0.3/18.7	47687
2002 EO ₉₁	2003 10 18.3	01 30.87 +06 12.2 20.4	-1.01 - 4.5	1.2/17.4	48221
2002 JC ₁₄₀	2003 10 18.3	01 30.92 +08 33.2 19.9	-1.08 - 2.9	0.4/18.1	31751
2001 BU ₅₉	2003 10 18.3	01 30.93 -05 11.8 19.3	-0.81 - 7.6	4.7/13.5	50519
1998 RD ₅₀	2003 10 18.3	01 30.94 +16 38.6 18.1	-0.97 - 1.8	2.2/20.3	30279
1999 TY ₁₉₆	2003 10 18.3	01 30.99 +05 51.5 18.9	-1.00 - 1.4	1.3/17.5	50428
2001 AG ₅	2003 10 18.3	01 31.03 +09 05.6 18.8	-0.93 - 6.5	0.1/18.3	31933
1999 JN ₆₁	2003 10 18.4	01 30.99 +11 31.5 17.5	-0.98 - 8.1	0.8/19.0	30297
1997 GU ₁₂	2003 10 18.4	01 31.00 +09 32.0 19.8	-0.97 - 3.6	0.0/18.4	47711
1999 TW ₄	2003 10 18.4	01 31.01 +11 29.1 16.5	-1.33 + 6.6	0.9/18.7	49697
2002 JG ₇₃	2003 10 18.4	01 31.01 -11 49.6 18.0	-0.80 - 2.5	6.7/12.2	34001
1987 DA ₇	2003 10 18.4	01 31.07 +17 09.5 17.8	-1.21 - 5.9	3.0/20.5	33751
2001 FZ ₁₇₆	2003 10 18.4	01 31.13 -12 28.7 18.8	-0.75 - 3.4	6.3/11.6	13848

2003 OCT. 10

M.P.C. 49809

2001 FH₄₆ 2003 10 18.4 01 31.13 +14 45.4 19.2 -0.98 - 1.3 1.5/19.8 13830
 1999 VA₁₁₆ 2003 10 18.4 01 31.16 +05 37.2 20.1 -0.87 - 5.0 1.4/17.3 17078
 1998 KD₅₈ 2003 10 18.4 01 31.19 +16 01.4 17.9 -0.78 -13.0 2.5/20.9 33769
 2000 YQ₁₁₅ 2003 10 18.4 01 31.20 +12 12.0 19.0 -1.01 - 5.1 1.0/19.2 13802
 2001 ES₇ 2003 10 18.4 01 31.22 +13 46.2 20.5 -0.95 - 3.3 1.3/19.6 13819
 1999 JQ₅₀ 2003 10 18.4 01 31.22 +00 26.1 19.0 -1.02 - 5.4 3.7/15.9 33810
 1999 XQ₂₂₉ 2003 10 18.4 01 31.27 +16 01.5 18.0 -1.00 + 1.3 3.3/20.0 2705
 2001 FO₁₈ 2003 10 18.4 01 31.28 +11 55.1 18.0 -0.80 - 5.9 0.7/19.2 35544
 1999 TQ₂₉₇ 2003 10 18.4 01 31.33 +02 54.5 19.7 -0.93 - 2.8 2.7/16.7 18216
 1999 XD₁₂₇ 2003 10 18.4 01 31.38 +12 05.0 16.7 -0.94 - 0.4 1.3/19.1 50445
 2001 EQ₅ 2003 10 18.5 01 31.32 +01 32.4 19.1 -0.83 - 4.2 2.6/16.1 11932
 2000 YS₁₁₀ 2003 10 18.5 01 31.43 +08 02.0 18.1 -1.00 - 3.9 0.7/18.1 9909
 2000 AM₁₉₂ 2003 10 18.5 01 31.47 +09 30.5 17.9 -0.67 -11.4 0.0/18.5 50455
 1999 XJ₁₀₄ 2003 10 18.5 01 31.50 -15 53.6 17.6 -1.00 + 4.4 12.4/12.6 10937
 1999 VB₈₂ 2003 10 18.5 01 31.58 +07 44.0 18.0 -0.91 - 4.5 0.8/18.0 1528
 1999 VO₁₀₆ 2003 10 18.5 01 31.59 +11 18.7 19.6 -0.86 - 6.1 0.6/19.1 47822
 1999 TF₁₉₆ 2003 10 18.5 01 31.65 +17 51.2 17.8 -1.22 + 6.7 4.3/20.0 49718
 1998 WY₁₆ 2003 10 18.5 01 31.66 +15 16.2 18.4 -0.75 - 7.1 1.9/20.5 47757
 1995 WP₃ 2003 10 18.5 01 31.71 +10 45.4 18.4 -0.85 - 6.0 0.5/18.9 50374
 1999 UY₄₆ 2003 10 18.5 01 31.73 +12 55.2 17.8 -1.15 + 0.9 1.3/19.3 49735
 2002 JW₅₁ 2003 10 18.6 01 31.76 +12 54.0 19.2 -0.89 - 6.4 1.0/19.6 33998
 2000 VD₁₈ 2003 10 18.6 01 31.77 +05 43.5 18.8 -0.97 - 7.9 1.5/17.4 31920
 2000 YQ₇₇ 2003 10 18.6 01 31.80 +08 08.9 18.4 -0.94 - 8.1 0.6/18.2 50513
 2001 FJ₈₇ 2003 10 18.6 01 31.97 +02 00.5 19.0 -0.84 - 2.0 2.3/16.6 33904
 1981 EA₁₉ 2003 10 18.6 01 31.98 +11 11.5 17.1 -0.93 - 3.7 0.7/19.1 50365
 2000 AA₂₁₉ 2003 10 18.6 01 32.00 +24 08.2 18.4 -0.89 - 4.1 5.7/23.2 31894
 2001 DK₉₄ 2003 10 18.6 01 32.04 +20 37.0 18.9 -0.99 - 5.0 4.3/21.9 11915
 2002 PP₁₀₉ 2003 10 18.6 01 32.07 +31 38.6 20.0 -0.82 - 4.5 5.8/26.0 48248
 2001 FY₈₃ 2003 10 18.6 01 32.13 +09 00.7 20.5 -0.80 - 4.2 0.2/18.5 17582
 2002 JQ₂₂ 2003 10 18.7 01 32.10 +06 20.6 20.3 -0.96 - 5.7 1.2/17.7 48233
 2002 HF₄ 2003 10 18.7 01 32.21 -13 04.7 20.6 -0.98 - 1.1 8.1/12.8 48231
 2001 AA₁₇ 2003 10 18.7 01 32.30 +04 55.4 18.4 -0.95 - 5.6 2.1/17.4 50516
 2001 FY₉₆ 2003 10 18.7 01 32.42 -05 29.4 18.4 -0.73 - 5.6 4.6/13.9 50530
 2002 OV₁₈ 2003 10 18.7 01 32.46 +19 54.3 20.1 -0.76 - 6.0 2.9/22.2 48243
 2002 BE₁₄ 2003 10 18.7 01 32.46 -32 43.8 19.9 -1.03 - 7.4 17.9/01.4 30631
 2000 YG₆₁ 2003 10 18.7 01 32.48 +05 32.4 20.4 -0.95 - 6.2 1.5/17.6 9507
 2000 AT₁₀₂ 2003 10 18.7 01 32.49 -11 30.7 18.9 -0.91 - 3.5 7.2/12.3 47842
 2002 GJ₇₉ 2003 10 18.7 01 32.51 +10 39.4 18.2 -1.02 - 4.8 0.4/19.1 35575
 2002 GG₃₇ 2003 10 18.7 01 32.54 +01 42.4 19.6 -1.00 - 5.3 3.1/16.5 31510
 2002 JE₉₅ 2003 10 18.8 01 32.51 +08 04.0 20.5 -0.94 - 4.0 0.5/18.4 34002
 2000 EJ₆₉ 2003 10 18.8 01 32.52 +13 29.0 17.9 -0.81 - 3.3 1.1/19.9 35520
 2000 GW₁₁₃ 2003 10 18.8 01 32.53 +20 50.0 17.5 -0.95 - 0.4 3.4/21.7 50471
 2002 OZ₁₂ 2003 10 18.8 01 32.54 +18 35.6 19.1 -0.76 - 6.5 2.6/21.8 33705
 1999 XP₁₁₆ 2003 10 18.8 01 32.55 +18 37.6 17.9 -0.95 - 5.2 3.6/21.0 40417
 2001 BY₂₈ 2003 10 18.8 01 32.58 -09 50.4 18.9 -0.83 - 6.3 6.3/12.5 33892
 2002 JW₂₇ 2003 10 18.8 01 32.60 +00 39.5 19.6 -0.98 - 2.6 2.9/16.5 32018
 2001 HG₄ 2003 10 18.8 01 32.61 +17 01.8 20.1 -0.72 - 6.2 1.8/21.3 48028
 2002 JQ₁₀ 2003 10 18.8 01 32.66 -01 19.7 19.9 -0.91 - 6.9 4.4/15.5 48232
 2000 YB₁₁₈ 2003 10 18.8 01 32.67 +20 17.4 18.5 -1.04 - 3.2 4.7/21.8 50515
 1998 KB₁ 2003 10 18.8 01 32.68 -03 42.8 20.1 -0.84 - 7.5 4.5/14.5 31816
 1999 XP₂₂₄ 2003 10 18.8 01 32.78 +04 37.8 19.2 -0.82 - 4.4 1.8/17.4 47836

2001 CQ₂₈ 2003 10 18.8 01 32.78 -02 03.8 19.0 -1.01 - 4.1 5.0/15.5 11845
 1998 FC₆₂ 2003 10 18.8 01 32.81 +09 37.4 18.9 -0.88 - 8.8 0.0/18.9 33765
 2000 AH₁₉₁ 2003 10 18.8 01 32.84 -08 30.4 17.7 -0.70 - 9.2 7.2/12.2 50455
 1999 RX₉₆ 2003 10 18.8 01 32.85 +07 33.7 18.8 -0.88 - 6.2 1.0/18.2 33081
 1998 FL₁₃₁ 2003 10 18.9 01 32.83 +10 59.2 20.0 -0.96 - 5.5 0.4/19.3 47728
 1999 RG₁₀₇ 2003 10 18.9 01 32.84 +13 09.6 18.4 -0.94 - 5.1 1.5/19.9 50417
 2000 OM₅₂ 2003 10 18.9 01 32.85 +04 54.8 18.4 -1.90 +13.3 2.6/18.6 50479
 1993 TV₃₂ 2003 10 18.9 01 32.92 +03 02.5 18.1 -0.93 - 4.6 3.2/17.0 50369
 2002 DG₃ 2003 10 18.9 01 32.99 +24 41.2 17.5 -1.86 + 8.1 7.9/21.0 50011
 2001 AC₃₀ 2003 10 18.9 01 32.99 +03 36.9 19.6 -1.03 - 4.1 2.4/17.3 48004
 1999 NC₄₈ 2003 10 18.9 01 33.03 +19 51.0 18.3 -0.88 - 9.1 4.7/22.5 18210
 2001 AU₄₅ 2003 10 18.9 01 33.08 +12 09.2 19.7 -0.98 - 3.3 0.8/19.6 48005
 2001 BV₃₃ 2003 10 18.9 01 33.09 -09 45.7 18.9 -0.82 - 6.0 6.1/12.6 12276
 2001 FJ₁₄₂ 2003 10 18.9 01 33.09 +06 07.8 19.5 -0.71 - 6.9 1.0/17.8 35550
 2000 EL₁₁₈ 2003 10 18.9 01 33.10 +02 21.4 18.8 -0.80 - 2.1 2.0/16.9 13183
 1995 YT₂ 2003 10 18.9 01 33.12 +00 12.6 17.9 -0.88 - 2.6 4.5/16.3 50374
 2002 LQ₂₇ 2003 10 18.9 01 33.14 -03 59.6 19.3 -1.01 - 3.5 5.3/15.2 34015
 2001 GS₆ 2003 10 18.9 01 33.14 +19 12.2 18.9 -0.98 - 3.8 3.5/21.7 17598
 2002 PE₄ 2003 10 18.9 01 33.17 +15 03.8 19.7 -0.73 - 6.2 1.5/20.7 35242
 2001 FK₁₅ 2003 10 18.9 01 33.20 +05 59.4 19.2 -0.75 - 5.7 1.1/17.8 48018
 1999 XR₁₁₉ 2003 10 18.9 01 33.22 +17 54.9 19.3 -0.92 - 4.9 3.0/21.4 47832
 1999 XC₁₆₅ 2003 10 18.9 01 33.23 +17 15.3 17.5 -0.96 - 2.2 2.9/21.0 34839
 2002 GW₆₉ 2003 10 18.9 01 33.26 +04 30.1 20.3 -0.92 - 5.3 1.9/17.5 35575
 2002 GF₄ 2003 10 18.9 01 33.28 +14 09.3 18.7 -0.92 -10.9 1.8/21.0 30121
 2003 QX₆₁ 2003 10 19.0 01 33.32 +01 47.5 17.9 -0.81 - 4.0 4.1/16.7 50317
 1999 RQ₁₁₄ 2003 10 19.0 01 33.35 +11 00.1 17.6 -0.98 - 5.3 0.5/19.4 50417
 1998 OS₁₁ 2003 10 19.0 01 33.36 +26 59.0 17.8 -0.96 - 4.1 6.7/24.5 3245
 2000 CO₇₆ 2003 10 19.0 01 33.37 -06 09.4 17.9 -0.71 - 5.9 5.0/13.7 41601
 1998 QE₆₇ 2003 10 19.0 01 33.41 +35 28.1 18.8 -0.97 - 5.6 9.3/28.4 25716
 2003 QC₇₈ 2003 10 19.0 01 33.44 +23 14.4 16.8 -1.00 - 0.9 5.9/22.7 50322
 2002 GE₈₉ 2003 10 19.0 01 33.44 -08 21.6 19.8 -0.87 -13.0 6.2/12.5 33984
 1999 XX₁₂ 2003 10 19.0 01 33.48 +13 56.3 18.9 -0.80 - 8.8 1.3/20.5 13628
 1993 FT₆ 2003 10 19.0 01 33.50 +01 01.6 20.2 -0.85 - 6.4 2.7/16.3 33753
 1999 VR₁₂₅ 2003 10 19.0 01 33.52 +02 02.1 19.5 -1.01 - 0.9 2.9/17.2 50437
 2000 LG₁₆ 2003 10 19.0 01 33.56 +36 58.2 17.5 -0.89 -17.3 12.9/31.6 50477
 1999 TO₂₁₆ 2003 10 19.0 01 33.56 +06 23.5 19.1 -0.88 - 5.9 1.4/18.1 47810
 2001 FH₄ 2003 10 19.0 01 33.56 +04 13.8 20.1 -0.86 - 5.2 1.9/17.4 48017
 2000 BM₃₄ 2003 10 19.0 01 33.59 -07 02.4 18.3 -0.77 - 4.1 5.5/13.8 50457
 1999 TR₁₃₈ 2003 10 19.0 01 33.63 +10 20.6 18.8 -0.84 - 9.3 0.2/19.3 47807
 2000 UM₈₀ 2003 10 19.0 01 33.64 +10 40.5 18.5 -1.06 - 5.2 0.4/19.3 31919
 1998 HQ₈₁ 2003 10 19.1 01 33.57 +07 10.3 20.0 -0.94 - 5.7 0.9/18.3 8404
 2002 GE₈₁ 2003 10 19.1 01 33.62 +02 47.0 20.2 -0.94 - 6.4 2.6/17.0 48229
 1998 WV₄₀ 2003 10 19.1 01 33.64 +13 33.4 18.5 -0.75 - 7.4 1.2/20.4 47758
 2001 CE₃₉ 2003 10 19.1 01 33.71 +11 50.2 18.8 -0.95 - 2.7 0.6/19.7 12290
 2000 WB₁₃₁ 2003 10 19.1 01 33.72 +14 54.3 18.5 -0.99 - 8.2 1.9/20.7 33887
 1999 XS₁₈₉ 2003 10 19.1 01 33.84 +11 32.6 18.7 -0.93 - 2.8 0.6/19.6 19468
 2002 PY₈₅ 2003 10 19.1 01 33.98 +30 19.3 18.5 -0.93 - 1.7 6.2/25.2 50619
 2001 AH₂₁ 2003 10 19.1 01 33.99 +24 34.9 19.7 -0.99 - 5.0 4.6/23.7 33351
 2001 FS₁₇₆ 2003 10 19.1 01 34.01 -08 08.3 18.7 -0.79 - 3.3 5.6/13.8 50532
 2000 CO₁₀ 2003 10 19.2 01 34.03 -07 21.1 17.8 -0.75 - 4.9 5.5/13.8 50457
 2000 WQ₁₆₃ 2003 10 19.2 01 34.09 +01 54.0 18.4 -1.07 - 3.3 3.0/17.2 33887

1998 VD ₂	2003 10 19.2	01 34.09 +10 59.4 19.1	-0.80 - 5.0	0.4/19.6	47754
2000 YY ₇₅	2003 10 19.2	01 34.12 +17 34.6 18.7	-0.99 - 6.2	3.7/21.6	50513
1999 RN ₁₆₅	2003 10 19.2	01 34.13 +13 54.1 18.7	-0.90 - 4.4	1.9/20.4	50419
1999 XK ₅₇	2003 10 19.2	01 34.22 +10 11.3 18.3	-0.84 - 6.2	0.1/19.4	47830
2002 JO ₈₃	2003 10 19.2	01 34.23 +07 25.2 19.4	-1.03 - 2.7	1.0/18.6	31718
2000 WM ₂₉	2003 10 19.2	01 34.23 -18 07.5 19.0	-1.24 + 2.0	9.9/13.2	31923
1999 YL ₉	2003 10 19.2	01 34.24 +22 20.5 18.3	-0.92 - 4.0	4.6/22.9	33852
1998 HU ₃₅	2003 10 19.2	01 34.36 +04 34.2 18.6	-0.92 - 5.6	1.9/17.7	31815
1998 QL ₅₉	2003 10 19.2	01 34.40 +15 18.5 19.6	-0.90 - 3.4	1.6/21.0	33772
1999 VH ₃₉	2003 10 19.3	01 34.33 +13 15.7 19.0	-0.87 - 5.6	1.2/20.3	47819
2000 XH ₅₀	2003 10 19.3	01 34.34 -04 22.2 19.8	-0.87 - 3.2	4.2/15.2	47997
1998 KQ ₈	2003 10 19.3	01 34.37 -06 11.3 21.3	-0.92 - 3.7	5.0/14.8	47731
1999 VO ₃₉	2003 10 19.3	01 34.37 -03 37.8 19.7	-0.97 - 1.3	4.5/15.8	47819
2001 ER ₁₄	2003 10 19.3	01 34.38 -13 14.1 19.2	-0.86 - 5.3	7.8/11.7	13821
1996 TL ₅	2003 10 19.3	01 34.40 -00 25.6 19.3	-0.96 - 6.0	3.8/16.2	10835
2002 JH ₁₀₂	2003 10 19.3	01 34.41 +01 19.6 20.3	-1.03 - 2.7	3.3/17.1	48236
1999 XR ₅₅	2003 10 19.3	01 34.42 +22 20.8 18.8	-0.87 - 6.6	3.9/23.3	33845
2002 JP ₂₉	2003 10 19.3	01 34.44 +03 22.2 20.8	-0.96 - 4.6	2.2/17.5	31646
1999 VO ₃₃	2003 10 19.3	01 34.47 +10 20.1 19.1	-0.86 - 6.0	0.2/19.5	47819
2000 YW ₁₂₆	2003 10 19.3	01 34.58 -00 25.8 19.2	-0.99 - 3.8	4.0/16.5	12266
1995 FY ₆	2003 10 19.3	01 34.58 +03 22.9 20.8	-0.98 - 6.6	2.6/17.4	47696
1998 HN ₂₆	2003 10 19.3	01 34.60 +02 35.4 20.0	-0.97 - 5.0	2.5/17.3	47729
2000 ED ₃₅	2003 10 19.3	01 34.60 +07 46.9 19.2	-0.72 - 6.2	0.5/18.7	1573
2001 FQ ₈₇	2003 10 19.3	01 34.61 -01 59.1 18.0	-0.73 - 7.1	3.9/15.4	50530
2002 JN ₁₀₇	2003 10 19.3	01 34.70 +00 13.1 20.1	-0.84 - 9.8	3.3/16.2	31735
1999 YO ₁₅	2003 10 19.3	01 34.72 +08 40.0 18.7	-0.85 - 6.1	0.4/19.0	12223
2002 JP ₅₄	2003 10 19.3	01 34.78 -00 43.0 18.6	-1.07 + 0.8	4.0/17.0	31682
1999 TY ₃₂₁	2003 10 19.3	01 34.79 +18 04.7 18.3	-1.07 - 1.0	2.8/21.5	50431
2002 GV ₅₃	2003 10 19.4	01 34.75 +05 20.9 20.0	-1.00 - 6.6	1.8/18.1	48228
1999 RO ₈	2003 10 19.4	01 34.79 +06 41.9 21.1	-0.94 - 6.6	1.1/18.5	9107
2002 GR ₁₀	2003 10 19.4	01 34.90 -18 12.8 18.0	-0.88 + 0.1	9.6/12.0	33977
2000 AC ₂₈	2003 10 19.4	01 34.93 +04 42.1 18.6	-0.82 - 4.3	1.8/17.9	47839
1999 RW ₈₁	2003 10 19.4	01 34.99 +19 34.3 18.2	-1.03 - 4.3	3.7/22.2	50416
1998 RO ₇₅	2003 10 19.4	01 35.02 +09 52.1 18.3	-0.89 - 2.8	0.0/19.5	47742
1999 TP ₁₄₃	2003 10 19.4	01 35.03 +13 05.5 18.9	-0.88 - 8.3	1.1/20.5	47807
1999 XQ ₁₃₈	2003 10 19.4	01 35.04 +04 59.8 18.5	-0.83 - 4.2	1.8/18.0	31885
2001 CE ₂₂	2003 10 19.4	01 35.07 +16 33.0 18.8	-1.06 - 3.5	2.7/21.3	10769
1995 YQ ₁	2003 10 19.4	01 35.08 -05 01.8 17.7	-0.86 - 4.0	6.8/14.9	50374
2001 FV ₁₇₁	2003 10 19.4	01 35.13 -07 11.5 18.2	-0.89 - 0.3	4.6/15.1	31946
2002 JA ₈₇	2003 10 19.4	01 35.14 +12 09.1 20.4	-0.96 - 5.4	0.8/20.1	34002
1999 TD ₂₃₆	2003 10 19.4	01 35.15 +06 41.1 18.2	-0.99 - 2.5	1.2/18.6	12177
2000 YK ₄₁	2003 10 19.5	01 35.08 -03 36.0 18.1	-0.91 - 5.8	6.3/15.3	50512
2002 LT ₂₉	2003 10 19.5	01 35.11 +04 18.5 18.6	-0.77 - 6.3	1.9/17.7	34015
1999 TV ₅₂	2003 10 19.5	01 35.12 +04 38.8 17.5	-0.85 - 6.6	2.4/17.9	50424
2001 BY ₆₁	2003 10 19.5	01 35.13 +05 59.8 19.4	-0.83 - 9.1	1.3/18.2	50519
2000 YT ₁₂	2003 10 19.5	01 35.15 -05 18.8 17.8	-0.96 - 4.7	6.5/15.0	50511
2001 FS ₁₃₈	2003 10 19.5	01 35.26 -01 20.1 18.6	-0.84 - 4.5	3.8/16.2	12086
2001 CM ₃₃	2003 10 19.5	01 35.27 +09 45.7 19.9	-1.11 - 1.6	0.1/19.5	18311
1998 FF ₁₁	2003 10 19.5	01 35.30 +07 51.5 19.8	-0.99 - 4.6	0.7/19.0	47725
1997 GO ₂₀	2003 10 19.5	01 35.30 +09 05.8 19.8	-0.92 - 3.5	0.3/19.3	10313
1993 OU ₈	2003 10 19.5	01 35.31 -01 54.7 18.0	-0.83 - 5.1	4.2/15.9	33754

2001 CK ₁₂	2003 10 19.5	01 35.33 +02 05.4 18.5	-0.90 - 4.1	2.9/17.3	50521
1999 RS ₁₅₈	2003 10 19.5	01 35.43 +06 19.4 18.8	-0.92 - 5.6	1.5/18.5	31266
1996 TN ₇	2003 10 19.5	01 35.44 -02 30.9 17.8	-0.80 - 9.8	5.6/15.3	49643
1998 FH ₁₃₅	2003 10 19.5	01 35.44 +12 12.4 19.6	-0.96 - 6.2	0.8/20.3	33766
2002 ND ₃₅	2003 10 19.5	01 35.46 +17 43.4 18.3	-0.74 - 6.5	2.3/22.2	33678
1999 XY ₁₃₀	2003 10 19.5	01 35.46 +34 15.0 17.8	-0.96 - 4.4	10.3/27.9	49765
2000 EM ₇₇	2003 10 19.5	01 35.49 +19 40.5 16.1	-0.89 - 2.2	3.2/22.3	18240
2000 WQ ₁₄	2003 10 19.5	01 35.53 +07 29.8 18.1	-1.07 - 3.5	0.9/19.0	31922
1999 TH ₂₀₀	2003 10 19.6	01 35.50 +11 28.7 18.9	-1.10 + 0.3	0.6/20.0	47810
2001 BK ₁₉	2003 10 19.6	01 35.51 -11 15.1 18.4	-0.88 - 3.6	6.8/13.4	33892
1993 TF ₆	2003 10 19.6	01 35.52 +13 55.0 19.2	-0.75 - 9.2	1.4/21.0	47688
1999 XQ ₄₂	2003 10 19.6	01 35.53 +10 45.0 19.0	-0.92 - 4.5	0.3/19.8	47829
2002 LW ₅₁	2003 10 19.6	01 35.53 -13 02.0 19.0	-0.89 - 3.3	8.7/12.8	31787
1999 TU ₄₁	2003 10 19.6	01 35.54 +08 11.6 17.6	-0.85 - 5.7	0.8/19.1	50424
2000 WZ ₁₃	2003 10 19.6	01 35.59 +11 39.8 19.0	-1.06 - 5.4	0.7/20.1	31922
2001 DB ₉₁	2003 10 19.6	01 35.61 +13 49.6 19.7	-0.87 - 5.4	1.1/20.8	35542
1999 VB ₁₉₂	2003 10 19.6	01 35.61 +09 40.9 18.3	-0.98 - 2.7	0.1/19.6	29187
1999 JF ₆₄	2003 10 19.6	01 35.65 -06 19.8 18.8	-1.17 + 0.3	6.8/16.2	27621
2001 JX ₄	2003 10 19.6	01 35.66 -01 27.1 19.4	-0.90 - 1.3	3.8/16.6	48031
2002 JD ₁₀₀	2003 10 19.6	01 35.69 +01 07.1 19.3	-0.96 - 4.1	3.6/17.2	48236
1999 VT ₉₅	2003 10 19.6	01 35.71 +07 00.0 18.2	-1.02 - 1.8	1.1/18.9	12193
2000 CQ ₁₉	2003 10 19.6	01 35.71 +20 22.2 18.4	-0.80 - 4.8	3.0/22.9	35510
2002 CY ₁₀₇	2003 10 19.6	01 35.74 +38 10.2 18.6	-1.85 + 5.3	13.7/24.8	30660
1999 VX ₁₆₇	2003 10 19.6	01 35.79 +04 05.5 19.0	-0.93 - 2.2	1.9/18.1	12198
1995 EJ ₅	2003 10 19.6	01 35.81 -01 04.1 18.9	-0.72 - 6.1	3.6/16.1	16724
1999 TC ₁₀₃	2003 10 19.6	01 35.81 -17 14.2 18.2	-0.94 + 0.7	11.8/12.7	50425
2001 CC ₁₆	2003 10 19.6	01 35.82 -07 01.4 18.8	-0.88 - 3.9	6.0/14.7	33895
1999 JP ₁₀₆	2003 10 19.6	01 35.82 +06 33.7 18.8	-1.09 - 4.5	1.5/18.8	33812
1999 XB ₂₀₆	2003 10 19.6	01 35.82 +22 31.4 17.4	-1.00 - 0.2	5.5/22.9	49769
1999 VW ₃₈	2003 10 19.6	01 35.87 +08 39.7 18.5	-0.90 - 4.3	0.5/19.3	47819
2001 BU ₄	2003 10 19.7	01 35.88 +06 31.5 20.3	-0.92 - 4.2	1.0/18.7	12272
2001 CF ₁₂	2003 10 19.7	01 35.98 -04 17.3 17.0	-0.78 - 3.4	7.4/15.4	50521
2001 KE ₄₅	2003 10 19.7	01 36.03 -18 56.3 18.2	-0.82 - 2.2	8.6/10.4	50536
2000 WJ ₄₁	2003 10 19.7	01 36.04 +00 58.2 18.9	-0.96 - 7.8	3.5/16.9	47988
1999 XA ₁₆₇	2003 10 19.7	01 36.04 +00 40.1 17.9	-1.04 - 0.8	3.6/17.4	13068
1999 TP ₂₅	2003 10 19.7	01 36.05 +12 12.8 18.8	-0.98 - 3.3	0.8/20.4	47801
2001 DV ₆₉	2003 10 19.7	01 36.11 +09 27.0 18.4	-0.94 - 6.3	0.2/19.6	48012
1999 WH ₁₅	2003 10 19.7	01 36.13 +11 43.6 18.7	-0.86 - 6.3	0.7/20.3	686
1999 XF ₁₁	2003 10 19.7	01 36.16 +14 42.8 17.8	-0.92 - 1.5	2.3/21.0	50441
2001 FN ₉₇	2003 10 19.7	01 36.19 +07 46.1 19.3	-0.83 - 4.9	0.7/19.1	17584
1999 VK ₉₇	2003 10 19.7	01 36.20 +11 55.2 18.9	-0.87 - 6.6	0.7/20.4	47822
2001 FY ₁	2003 10 19.7	01 36.21 -03 54.3 18.3	-0.76 - 5.4	4.4/15.4	50527
2001 FG ₁₁₄	2003 10 19.7	01 36.21 +10 23.3 18.2	-0.98 - 1.2	0.1/19.9	48024
2001 FP ₁₄₃	2003 10 19.8	01 36.29 -02 19.9 18.6	-0.89 - 0.3	3.8/16.7	18315
1999 UZ ₄₃	2003 10 19.8	01 36.32 +12 13.4 18.5	-1.05 - 1.1	0.8/20.4	13618
2000 AZ ₃₁	2003 10 19.8	01 36.45 +23 03.9 17.8	-0.96 - 2.7	4.9/23.5	33853
1999 UF ₅₀	2003 10 19.8	01 36.47 -01 01.6 19.5	-0.93 - 3.3	4.6/16.9	47817
2002 JG ₈	2003 10 19.8	01 36.61 +00 35.8 20.5	-0.93 - 5.6	3.2/17.1	50607
1999 TL ₅₅	2003 10 19.8	01 36.63 +10 17.0 19.0	-0.89 - 6.4	0.1/20.0	12948
2002 EU ₂₉	2003 10 19.9	01 36.58 +04 02.5 19.3	-1.01 - 5.7	2.5/18.2	31977
2002 BQ ₉	2003 10 19.9	01 36.59 -05 09.8 18.9	-1.00 - 5.6	5.4/15.6	50589

2003 OCT. 10

M.P.C. 49811

1997 BU ₂	2003 10 19.9	01 36.65 -00 46.4 20.0	-0.88 - 5.1	3.4/16.7	47708
2000 YD ₆₈	2003 10 19.9	01 36.65 -31 08.5 18.4	-0.89 - 6.3	15.4/02.1	49869
2000 WC ₁₈₅	2003 10 19.9	01 36.66 +00 56.9 17.9	-1.09 - 2.0	4.2/17.7	38288
2002 JR ₄₆	2003 10 19.9	01 36.69 +16 29.7 19.9	-1.01 - 6.4	2.4/21.8	33998
2000 AM ₂₄₅	2003 10 19.9	01 36.74 -37 40.7 19.6	-0.91 - 1.8	13.5/01.6	31895
1994 PR ₁₄	2003 10 19.9	01 36.76 +07 10.5 19.9	-0.85 - 6.3	1.0/19.0	36884
2000 CN ₁₁₃	2003 10 19.9	01 36.77 +06 29.2 18.9	-0.77 - 4.6	1.1/18.9	47853
2001 DB ₇₀	2003 10 19.9	01 36.79 -00 28.2 17.8	-0.84 -10.4	4.4/16.3	33898
1998 YJ ₆	2003 10 19.9	01 36.83 +12 11.5 17.6	-0.71 -13.6	0.7/20.8	50401
2002 HT ₁₂	2003 10 19.9	01 36.86 -28 22.1 18.7	-1.22 + 3.2	14.5/11.4	30743
1999 YX	2003 10 19.9	01 36.89 -01 45.5 17.5	-0.70 - 7.4	5.8/15.8	49771
2000 BA ₄	2003 10 19.9	01 36.91 +24 19.6 19.0	-0.89 - 2.6	4.4/24.1	47846
2002 KZ ₅	2003 10 19.9	01 36.92 +05 46.4 20.6	-0.91 - 3.7	1.4/18.8	31760
2000 YR ₅₅	2003 10 19.9	01 36.96 +18 21.1 19.1	-0.94 - 8.2	3.6/22.7	50513
2001 CN ₄₁	2003 10 19.9	01 36.98 -04 13.6 18.2	-0.87 - 3.3	4.7/16.0	33896
2001 KJ ₁₄	2003 10 19.9	01 37.01 -04 26.6 18.0	-0.80 - 2.0	4.2/15.9	33911
1981 EO ₄₇	2003 10 19.9	01 37.02 +04 52.6 17.8	-0.89 - 6.6	2.0/18.4	30780
2000 AW ₁₅₂	2003 10 19.9	01 37.03 +49 08.9 18.3	-1.06 - 4.9	13.4/04.5	49780
2001 BV ₆₇	2003 10 19.9	01 37.04 +20 46.4 20.4	-1.13 - 4.1	3.8/22.8	13808
2001 CV ₁₁	2003 10 19.9	01 37.04 +08 09.2 19.3	-1.05 - 4.4	0.8/19.5	13810
1999 XX ₂₄₂	2003 10 20.0	01 36.95 +05 49.8 18.9	-0.71 - 8.7	1.3/18.5	13084
1993 TH ₃₀	2003 10 20.0	01 36.98 +02 39.0 18.0	-1.10 - 2.3	3.2/18.1	31804
1999 XB ₁₃₉	2003 10 20.0	01 37.14 -04 59.2 17.9	-0.87 - 3.1	5.8/15.6	14168
1999 TJ ₂₈₇	2003 10 20.0	01 37.16 +15 45.6 19.3	-0.95 - 5.3	2.1/21.7	47814
2001 FW ₁₆₃	2003 10 20.0	01 37.18 -04 16.5 18.9	-0.75 -10.7	5.5/14.8	50532
2002 GZ ₁₅₈	2003 10 20.0	01 37.18 +04 13.8 20.6	-0.97 - 5.4	2.2/18.4	48231
1999 VZ ₃₆	2003 10 20.0	01 37.28 +05 30.6 19.2	-0.89 - 3.7	1.7/18.8	46384
2002 NP ₃₀	2003 10 20.0	01 37.31 +29 19.8 18.7	-0.87 - 5.7	5.6/26.4	35218
2002 GT ₁₈	2003 10 20.0	01 37.32 +10 59.7 17.8	-0.95 - 8.8	0.3/20.4	30143
1999 TA ₁₉₇	2003 10 20.0	01 37.42 +12 43.0 18.7	-1.10 - 0.2	0.9/20.7	13614
2000 YW ₇₆	2003 10 20.1	01 37.39 -03 34.0 18.5	-1.02 - 4.3	5.7/16.2	18308
2000 EA ₇	2003 10 20.1	01 37.50 +09 44.0 18.3	-0.82 - 3.0	0.1/20.0	50463
2002 CV ₉	2003 10 20.1	01 37.55 -34 15.6 19.3	-1.13 - 3.5	18.0/03.7	29770
2001 CX ₁	2003 10 20.1	01 37.56 -00 03.6 19.3	-0.90 - 4.5	3.5/17.2	12283
2000 CE ₆₉	2003 10 20.1	01 37.56 -13 36.3 18.5	-0.73 - 5.3	7.6/12.1	47851
2001 AC ₇	2003 10 20.1	01 37.68 -07 07.7 19.5	-0.93 - 4.8	6.3/15.0	33891
1998 TM ₁₅	2003 10 20.1	01 37.73 +14 44.7 19.8	-1.24 - 7.3	2.1/21.5	24977
2001 EV ₂	2003 10 20.1	01 37.78 -08 23.8 20.4	-0.84 - 4.1	5.3/14.6	11928
1992 SW ₂₁	2003 10 20.2	01 37.82 +13 32.2 18.7	-1.09 - 2.9	1.3/21.1	50368
2001 FA ₁₇₉	2003 10 20.2	01 37.87 -03 54.2 20.4	-0.94 - 1.9	4.5/16.5	14930
1999 VJ ₁₃₉	2003 10 20.2	01 37.93 +13 40.5 19.0	-0.96 - 4.1	1.2/21.2	9261
2003 OG ₂₂	2003 10 20.2	01 37.94 +18 36.5 17.6	-1.00 - 0.9	3.4/22.4	50267
1999 XK ₂₅₉	2003 10 20.2	01 37.98 -10 47.3 18.3	-0.80 - 7.0	8.1/13.0	13640
1999 VC ₂₃	2003 10 20.2	01 38.03 -09 10.5 18.2	-1.00 + 1.6	8.8/15.6	49739
2002 JG ₄₉	2003 10 20.2	01 38.03 +15 49.5 20.0	-1.02 - 5.0	2.0/21.9	33998
2001 ET ₂₁	2003 10 20.2	01 38.06 +21 19.6 18.3	-0.97 - 5.0	4.7/23.6	50526
1995 HW ₃	2003 10 20.2	01 38.09 +05 07.2 20.6	-0.98 - 5.8	1.9/18.8	47696
2002 JN ₃₅	2003 10 20.2	01 38.11 +02 33.8 19.0	-1.02 - 4.9	2.8/18.2	33997
2002 JL ₇₃	2003 10 20.2	01 38.12 +20 24.6 20.0	-0.77 -10.1	2.9/24.0	38335
2000 GX ₈₀	2003 10 20.2	01 38.12 +10 44.4 18.8	-0.74 - 9.1	0.2/20.5	47880
2000 XF ₃₅	2003 10 20.2	01 38.13 +20 07.5 17.8	-1.03 - 2.6	3.1/23.0	50510

1997 CB ₆	2003 10 20.2	01 38.13 +09 18.1 19.0	-0.92 - 6.6	0.4/20.0	47709
2001 FJ ₁₄₅	2003 10 20.3	01 38.08 +04 32.1 18.1	-0.80 - 6.7	2.0/18.5	40131
2001 FY ₄₂	2003 10 20.3	01 38.19 +06 05.0 18.8	-0.79 - 6.9	1.5/19.0	48019
2002 GU ₁₂₇	2003 10 20.3	01 38.19 +17 19.2 19.4	-1.08 - 4.0	2.9/22.3	33989
2001 CM ₁₆	2003 10 20.3	01 38.21 +26 33.5 19.7	-1.01 - 3.0	5.1/25.1	25896
1998 SU ₂₆	2003 10 20.3	01 38.30 +36 45.4 18.1	-0.94 - 2.5	8.2/28.7	50392
2001 EA	2003 10 20.3	01 38.32 -05 58.0 17.4	-0.81 - 6.9	7.9/14.8	49906
2000 ET ₁₇₃	2003 10 20.3	01 38.36 -13 10.1 19.3	-0.82 - 1.9	6.4/13.4	18245
2000 VX ₃₀	2003 10 20.3	01 38.38 +09 58.2 17.6	-0.97 - 7.9	0.1/20.3	50502
1999 XA ₁₈₉	2003 10 20.3	01 38.44 +30 48.2 18.7	-1.03 - 3.5	7.6/26.3	33170
2001 CH ₂	2003 10 20.3	01 38.53 +07 31.2 19.5	-0.91 - 4.5	0.9/19.6	35006
1999 VO ₃₆	2003 10 20.4	01 38.61 -05 22.9 17.4	-0.98 - 1.3	5.5/16.3	50434
1999 TD ₂₈₄	2003 10 20.4	01 38.68 +02 00.4 18.3	-0.74 - 8.8	3.7/17.7	49727
1999 XM ₁₆₈	2003 10 20.4	01 38.73 +30 00.9 18.1	-0.86 - 9.3	7.8/27.7	50446
2002 JR ₆₉	2003 10 20.4	01 38.74 -02 16.2 19.6	-0.91 - 7.7	4.7/16.5	31701
1999 RL ₇₅	2003 10 20.4	01 38.76 +16 14.0 19.6	-1.02 - 4.9	2.1/22.2	31858
2001 EM ₂₄	2003 10 20.4	01 38.77 +01 53.8 17.3	-1.02 + 1.8	2.8/18.6	50526
2003 OC ₂₂	2003 10 20.4	01 38.88 +21 52.0 18.0	-1.16 + 3.8	5.5/22.9	50266
2002 JX ₄₄	2003 10 20.4	01 38.88 +14 18.5 18.8	-0.94 - 8.5	1.6/21.8	31667
2000 YK ₁₁₆	2003 10 20.4	01 38.91 +05 30.4 19.5	-0.96 - 4.9	1.7/19.1	34991
1998 FT ₁₄	2003 10 20.5	01 38.83 +18 35.9 18.1	-1.09 - 3.1	3.3/22.7	50382
2002 JR ₁₀₈	2003 10 20.5	01 38.84 +03 57.9 20.3	-0.82 -13.5	1.9/18.2	32031
2001 EW ₅	2003 10 20.5	01 38.96 +11 24.6 18.8	-0.94 - 2.2	0.4/20.8	48015
1999 RB ₁₆	2003 10 20.5	01 39.01 +06 01.2 18.8	-0.89 - 7.7	1.7/19.2	47787
2002 JM ₄₂	2003 10 20.5	01 39.03 +11 05.5 16.6	-0.87 - 8.1	11.6/10.0	50608
2000 DU ₃₄	2003 10 20.5	01 39.07 +12 16.6 18.4	-0.78 - 4.0	0.6/21.1	38249
2002 GC ₁₄₆	2003 10 20.5	01 39.08 +04 17.7 18.4	-0.98 - 4.5	2.6/18.9	31599
2002 JN ₄₅	2003 10 20.5	01 39.08 +16 21.6 19.4	-1.02 - 5.3	2.4/22.3	48234
2001 DO ₆₁	2003 10 20.5	01 39.08 +04 32.1 18.1	-0.83 - 7.8	2.7/18.7	50524
2000 GK ₄₉	2003 10 20.5	01 39.09 +11 12.7 18.8	-0.78 - 4.2	0.3/20.8	37473
1999 TR ₂₅₆	2003 10 20.5	01 39.10 +14 26.1 19.2	-1.01 - 3.5	1.4/21.7	10462
1999 VX ₃	2003 10 20.5	01 39.12 +15 07.0 19.3	-0.82 - 8.5	1.5/22.2	47818
1999 TL ₂₁₇	2003 10 20.5	01 39.13 +09 55.6 18.2	-0.79 - 9.9	0.2/20.4	31287
2000 DA ₈₀	2003 10 20.5	01 39.15 +24 12.0 18.8	-0.93 - 2.1	4.5/24.5	26933
1999 VK ₃₉	2003 10 20.5	01 39.18 +03 08.1 19.0	-0.93 - 2.7	3.0/18.6	38111
2001 CH ₄₄	2003 10 20.5	01 39.21 -01 55.9 20.0	-0.93 - 1.5	3.7/17.4	12291
2000 WM ₇₅	2003 10 20.5	01 39.23 +17 24.4 19.2	-1.09 - 5.2	3.0/22.6	34975
2002 JP ₉	2003 10 20.5	01 39.26 -00 15.1 19.5	-0.99 - 3.7	3.7/17.7	33996
2001 FW ₂₈	2003 10 20.5	01 39.28 +05 06.2 19.6	-0.79 - 3.1	1.5/19.1	48018
2001 DL ₅₂	2003 10 20.5	01 39.29 +11 09.1 18.5	-1.03 - 4.3	0.3/20.8	13815
1999 TZ ₃₂₀	2003 10 20.6	01 39.22 +10 07.4 19.0	-0.70 - 7.9	0.1/20.5	47814
1996 JE ₂	2003 10 20.6	01 39.24 -15 27.2 19.3	-0.75 - 2.9	6.5/12.7	35440
2002 JH ₁₃	2003 10 20.6	01 39.26 +06 33.0 20.3	-0.96 - 5.7	1.3/19.5	33561
2002 CN ₂₃₉	2003 10 20.6	01 39.27 +17 40.0 20.1	-1.10 - 5.7	3.2/22.7	48211
2001 FG ₃₃	2003 10 20.6	01 39.29 +07 19.2 19.2	-0.78 - 8.5	0.9/19.6	33387
2001 FB ₃₅	2003 10 20.6	01 39.32 +06 52.0 19.4	-0.89 - 5.5	1.3/19.6	15096
1999 RZ ₁₂₇	2003 10 20.6	01 39.37 +17 06.9 17.7	-1.01 - 5.4	2.7/22.6	50418
2000 WH ₁₈	2003 10 20.6	01 39.38 -00 29.2 20.1	-1.05 - 3.6	4.4/17.8	47987
2001 AN ₂₇	2003 10 20.6	01 39.46 +04 18.3 19.8	-1.07 - 3.6	2.2/19.1	11026
2001 FB ₁₇₂	2003 10 20.6	01 39.53 -13 46.4 19.2	-0.89 - 0.1	6.6/14.3	13382
1995 UT ₇₃	2003 10 20.6	01 39.56 +08 37.2 19.1	-0.86 - 6.9	0.6/20.1	19265

2002 JN ₂₈	2003 10 20.6	01 39.58 +08 40.1 19.7	-0.95 - 6.9	0.6/20.2	32018
1998 UA	2003 10 20.6	01 39.60 +25 56.1 18.7	-0.86 -12.3	4.3/26.4	13583
1999 XJ ₂₃	2003 10 20.7	01 39.59 +20 09.8 17.6	-0.79 -11.4	4.0/24.3	33843
2000 WK ₄₉	2003 10 20.7	01 39.61 -07 49.0 16.8	-0.84 - 4.6	8.9/15.0	50505
2001 CQ ₂	2003 10 20.7	01 39.64 +04 55.5 20.4	-0.76 - 4.1	1.4/19.1	48008
2000 DR ₇	2003 10 20.7	01 39.64 +09 40.0 18.7	-0.78 - 4.7	0.2/20.5	47854
2002 JD ₂₂	2003 10 20.7	01 39.65 +07 48.7 19.0	-1.06 - 4.3	0.9/20.0	32017
1999 XR ₂₈	2003 10 20.7	01 39.67 +02 50.8 18.8	-0.87 - 4.5	2.6/18.5	13629
1993 FY ₈₀	2003 10 20.7	01 39.73 +07 16.7 18.6	-0.89 - 5.1	1.2/19.8	47687
2002 HZ ₆	2003 10 20.7	01 39.73 +19 23.6 19.6	-1.17 - 2.7	3.5/23.1	30165
2001 DD ₆₂	2003 10 20.7	01 39.74 +07 15.0 19.2	-0.81 - 9.7	1.0/19.7	13815
1999 XP ₁₅₅	2003 10 20.7	01 39.76 +24 38.1 17.5	-0.84 - 9.3	5.0/25.7	31885
2001 HO ₄₆	2003 10 20.7	01 39.87 +10 17.2 20.1	-0.77 - 4.0	0.0/20.7	48030
2000 WH ₁₇₃	2003 10 20.7	01 39.88 -00 50.9 19.5	-1.01 - 5.3	4.5/17.5	12257
1998 FN ₆₄	2003 10 20.7	01 39.93 +13 13.9 18.9	-1.09 - 2.8	1.1/21.5	9069
1999 JE ₁₂₁	2003 10 20.7	01 39.97 +04 03.2 19.0	-0.96 - 7.3	2.8/18.9	50410
2002 JK ₁₀₆	2003 10 20.7	01 39.99 -16 57.2 18.3	-0.82 - 4.1	9.5/12.3	50610
1999 VJ ₁₁₅	2003 10 20.7	01 40.00 +26 15.8 18.9	-1.10 - 2.4	5.3/25.2	50437
1999 RD ₁₃₁	2003 10 20.7	01 40.03 +15 49.8 17.4	-0.93 - 8.1	2.2/22.5	30310
1997 AF ₁₅	2003 10 20.7	01 40.04 +03 24.3 17.9	-0.99 - 3.1	2.5/18.9	31808
2000 AS ₁₂₉	2003 10 20.8	01 40.01 -02 25.3 18.2	-0.82 - 6.9	5.2/16.6	40438
2000 ER ₂₀	2003 10 20.8	01 40.02 +32 45.0 19.3	-0.82 - 4.6	5.8/28.3	47861
1999 VT ₁₇₅	2003 10 20.8	01 40.05 +08 28.3 21.5	-0.91 - 4.2	0.6/20.3	13005
2000 DB ₁₈	2003 10 20.8	01 40.05 +30 43.2 19.5	-0.94 - 2.0	5.7/26.7	47855
2002 LG ₉	2003 10 20.8	01 40.10 -05 26.8 18.6	-0.88 - 3.1	5.3/16.4	33598
2002 JJ ₂₈	2003 10 20.8	01 40.11 -01 01.4 20.7	-1.04 - 0.9	3.9/18.1	48233
2000 VZ ₂₁	2003 10 20.8	01 40.13 +06 20.2 19.0	-1.07 - 4.4	1.6/19.7	29504
1999 RU ₈₅	2003 10 20.8	01 40.15 +07 54.4 18.8	-0.94 - 3.5	1.1/20.2	47790
1993 FY ₄₆	2003 10 20.8	01 40.18 +10 32.9 19.2	-0.92 - 4.6	8.5/10.0	35435
2001 DC ₇₉	2003 10 20.8	01 40.24 -10 04.5 19.0	-0.85 - 2.8	6.6/14.9	50525
2001 DU ₅₂	2003 10 20.8	01 40.26 +02 38.8 19.3	-0.92 - 4.1	2.5/18.7	35017
2002 HQ ₁	2003 10 20.8	01 40.30 -04 28.6 18.3	-0.99 - 4.8	5.7/16.7	50606
1999 NF ₂₈	2003 10 20.8	01 40.41 -37 10.5 16.7	-0.97 + 2.8	21.3/02.3	33815
1999 RA ₉₀	2003 10 20.9	01 40.34 +02 18.0 19.5	-0.93 - 5.8	3.1/18.5	47790
2002 JZ ₇₆	2003 10 20.9	01 40.38 +10 31.5 20.0	-0.99 - 3.9	8.8/10.0	31711
1999 GL ₆	2003 10 20.9	01 40.40 +05 31.2 17.4	-0.90 -11.6	2.1/19.3	50406
1998 HE ₂₉	2003 10 20.9	01 40.40 +15 21.8 18.7	-1.07 - 3.0	1.8/22.2	35981
1999 TO ₂₅₃	2003 10 20.9	01 40.42 +14 42.5 19.8	-1.00 - 5.5	1.6/22.2	31289
2001 DO ₅₇	2003 10 20.9	01 40.42 +11 18.5 20.4	-0.97 - 5.0	0.3/21.2	17559
2001 BA ₆₈	2003 10 20.9	01 40.54 +05 54.9 19.2	-0.95 - 4.7	1.6/19.7	14418
2000 BU ₃₃	2003 10 20.9	01 40.65 -07 57.5 17.8	-0.75 - 4.3	7.2/15.2	50457
2000 WD ₆₀	2003 10 20.9	01 40.66 +09 17.8 17.2	-0.95 - 7.5	0.5/20.6	50505
1997 ER ₄₀	2003 10 20.9	01 40.71 +00 50.9 19.3	-0.78 - 8.9	3.1/17.8	30786
1999 UL ₅₁	2003 10 20.9	01 40.72 -00 49.6 18.0	-0.87 - 5.1	4.6/17.6	2679
2001 BC ₅₂	2003 10 20.9	01 40.77 +06 41.2 21.1	-0.94 - 5.3	1.3/19.9	17540
2000 YW ₄₈	2003 10 20.9	01 40.80 -04 38.2 18.9	-0.97 - 2.8	7.0/16.9	49865
2000 VX ₃₁	2003 10 20.9	01 40.80 +05 06.6 17.5	-1.06 - 3.0	2.5/19.6	50502
2002 JH ₇₁	2003 10 21.0	01 40.76 +01 16.2 19.9	-0.94 - 5.6	3.2/18.3	32025
1999 UP ₄₉	2003 10 21.0	01 40.80 +01 33.9 18.4	-0.95 - 3.8	3.6/18.5	47817
1999 UE ₄₄	2003 10 21.0	01 40.87 +17 00.3 18.7	-0.95 - 4.5	2.4/22.9	47817
2002 JK ₄₀	2003 10 21.0	01 40.89 +17 47.4 17.6	-0.98 - 8.2	3.0/23.4	32020

1999 FK ₁₆	2003 10 21.0	01 41.00 +07 04.9 21.1	-0.52 - 4.5	0.6/19.9	35735
1998 HW ₁₈	2003 10 21.0	01 41.03 +10 33.2 20.4	-0.98 - 7.9	0.0/21.1	10321
2000 BT ₁₈	2003 10 21.0	01 41.03 +21 11.9 18.7	-0.92 - 3.7	3.8/24.1	10949
1998 SO ₃₂	2003 10 21.0	01 41.05 +04 00.3 19.3	-0.81 - 6.4	2.2/19.0	47744
2000 DZ ₈₂	2003 10 21.0	01 41.08 +17 00.9 18.3	-0.87 - 2.7	2.0/22.9	2388
2000 AK ₁₀₁	2003 10 21.0	01 41.13 -11 41.8 19.2	-0.94 - 1.5	7.6/15.0	33856
2001 BO ₇₁	2003 10 21.0	01 41.15 +07 56.6 19.7	-0.97 - 5.6	0.9/20.4	13809
2002 GB ₆₉	2003 10 21.1	01 41.16 +10 13.3 20.5	-1.00 - 5.3	0.1/21.0	31538
2002 JD ₈	2003 10 21.1	01 41.23 -02 18.6 19.4	-0.90 - 4.4	4.8/17.5	31622
2000 YL ₁₃₉	2003 10 21.1	01 41.27 +15 43.4 18.5	-0.96 - 6.7	1.9/22.7	37533
2002 JG ₁₁₀	2003 10 21.1	01 41.29 +18 14.7 20.6	-1.00 - 6.9	2.7/23.5	31736
1999 SV ₁₁	2003 10 21.1	01 41.29 +00 43.4 17.3	-0.85 - 1.9	4.8/18.5	50422
2001 DD ₄₂	2003 10 21.1	01 41.32 +15 19.5 18.5	-1.01 - 3.5	2.2/22.4	48011
2002 JU ₆₂	2003 10 21.1	01 41.33 -10 28.6 19.0	-0.93 - 1.0	7.0/15.8	33999
1997 GV ₅	2003 10 21.1	01 41.44 +08 18.0 18.8	-0.91 - 2.6	0.7/20.6	11484
2000 AK ₂₇	2003 10 21.1	01 41.50 +03 19.3 17.2	-0.89 - 2.0	3.0/19.3	49774
2001 FO ₄₉	2003 10 21.1	01 41.52 +14 31.1 19.7	-0.87 - 4.2	1.3/22.3	48020
1998 MC ₁₉	2003 10 21.1	01 41.53 -14 06.2 19.6	-0.92 - 2.6	8.4/14.3	47733
1999 XT ₁₀	2003 10 21.1	01 41.53 +25 19.3 18.7	-0.93 - 6.8	5.2/25.9	33842
1998 FZ ₄₁	2003 10 21.1	01 41.54 +11 58.5 19.1	-0.96 - 6.0	0.5/21.6	47726
1999 RW ₁₃	2003 10 21.2	01 41.48 +05 52.6 19.5	-0.98 - 5.1	1.8/19.9	47787
1999 VX ₁₃₃	2003 10 21.2	01 41.49 +14 59.8 18.9	-0.88 - 7.1	1.6/22.6	13624
2000 WU ₁₅₉	2003 10 21.2	01 41.51 +07 21.4 19.1	-0.94 - 6.7	1.6/20.3	9884
2000 CU ₄₁	2003 10 21.2	01 41.58 +20 44.7 19.9	-0.81 - 5.1	3.0/24.4	33203
2001 FG ₁₃₄	2003 10 21.2	01 41.65 +10 23.4 20.1	-0.89 - 6.6	0.0/21.2	46526
2001 BR ₅₈	2003 10 21.2	01 41.67 +03 17.4 19.8	-0.89 - 5.2	2.3/19.1	33893
2001 CP ₂₃	2003 10 21.2	01 41.68 +11 28.1 19.8	-0.97 - 5.2	0.3/21.5	12288
1999 TU ₂₃	2003 10 21.2	01 41.70 +05 37.8 19.4	-0.88 - 7.5	1.9/19.7	30318
1998 QT ₂	2003 10 21.2	01 41.77 +51 45.9 19.6	-1.46 - 0.4	12.4/04.5	13569
1999 RM ₁₃₇	2003 10 21.2	01 41.80 +06 20.6 18.9	-0.95 - 7.1	1.6/20.0	47793
2002 DS ₃	2003 10 21.2	01 41.85 -13 43.3 17.6	-1.57 + 6.4	11.4/17.5	31975
2000 DV ₆₃	2003 10 21.2	01 41.87 +16 45.6 18.5	-0.80 - 4.2	1.8/23.1	34903
2001 BC ₅₇	2003 10 21.2	01 41.87 +25 49.6 19.4	-0.90 - 6.3	4.4/26.2	35540
1999 VE ₁₈₂	2003 10 21.2	01 41.89 +05 34.9 20.1	-0.88 - 3.9	1.5/19.9	13625
2000 CH ₂₆	2003 10 21.2	01 41.90 +16 21.5 19.2	-0.76 - 4.2	1.5/23.1	14394
2002 JA ₉₅	2003 10 21.2	01 41.94 +05 59.5 19.4	-0.96 - 2.9	1.5/20.1	48236
1999 YG ₁₄	2003 10 21.3	01 41.86 +09 54.4 19.6	-0.78 - 4.5	0.2/21.1	35500
2001 ED ₁₃	2003 10 21.3	01 41.93 -24 52.7 19.3	-0.90 + 0.7	8.7/11.8	22769
4352 T-3	2003 10 21.3	01 41.97 +05 11.9 18.7	-0.97 - 1.8	1.9/20.0	48393
1999 UQ ₁₄	2003 10 21.3	01 41.97 +01 59.5 18.4	-1.01 - 1.7	3.8/19.1	1514
2002 LO ₃₂	2003 10 21.3	01 42.01 -08 14.8 19.8	-0.86 - 4.5	6.1/15.8	34016
2000 XJ ₇	2003 10 21.3	01 42.07 +15 58.8 18.3	-1.12 - 2.3	2.5/22.7	50509
1998 OP ₁₀	2003 10 21.3	01 42.10 +26 43.4 18.4	-0.98 - 4.1	5.0/26.2	31818
2001 AH ₂₇	2003 10 21.3	01 42.21 +11 51.8 19.0	-1.13 - 2.2	0.5/21.7	48004
1999 RX ₁₃₁	2003 10 21.3	01 42.21 +18 14.6 18.1	-0.92 - 7.5	3.3/23.8	50418
1999 TS ₁₉₆	2003 10 21.3	01 42.25 +16 39.6 18.7	-1.25 + 4.2	2.8/22.5	49718
2001 DS ₄₃	2003 10 21.3	01 42.26 +08 40.8 19.2	-0.95 - 5.9	0.7/20.8	17557
1999 VR ₉₅	2003 10 21.3	01 42.26 +09 11.7 19.1	-0.95 - 3.9	0.5/21.0	47822
2002 GF ₈₉	2003 10 21.3	01 42.30 +02 21.9 18.5	-0.80 -10.3	2.9/18.6	50604
2000 EA ₇₇	2003 10 21.3	01 42.30 +08 01.6 19.0	-0.86 - 1.8	0.8/20.7	7012
1998 ML ₃₄	2003 10 21.3	01 42.30 +18 32.5 17.9	-0.92 - 4.9	3.0/23.8	50387

2003 OCT. 10

M.P.C. 49813

2002 LZ ₆	2003 10 21.3	01 42.31 +04 21.1 18.0	-0.82 -10.1	2.1/19.3	40934
2002 HH ₁₀	2003 10 21.4	01 42.23 +06 36.1 19.4	-0.97 - 5.2	1.4/20.3	32012
2001 DT ₄₁	2003 10 21.4	01 42.23 +09 16.1 18.2	-0.92 - 5.1	0.6/21.0	35541
1999 WV ₈	2003 10 21.4	01 42.29 +04 11.4 17.6	-0.78 - 6.9	2.9/19.3	50440
2002 GT ₈₄	2003 10 21.4	01 42.32 +02 00.7 18.6	-0.88 - 6.8	3.0/18.8	31556
1999 KT ₄	2003 10 21.4	01 42.32 +06 47.5 21.4	-1.05 - 5.8	1.3/20.4	50411
1999 XO ₂₁₅	2003 10 21.4	01 42.43 +02 29.3 20.0	-0.81 - 6.7	2.7/18.9	47836
1999 XZ ₁₈₃	2003 10 21.4	01 42.45 +33 09.0 19.7	-1.00 - 4.3	7.8/28.5	50446
2000 AN ₁₈₇	2003 10 21.4	01 42.53 -13 58.4 19.1	-0.82 - 5.9	9.4/13.0	47844
2000 GB ₁₈₆	2003 10 21.4	01 42.54 +07 21.3 20.0	-0.65 - 5.8	0.8/20.4	50473
2001 FK ₄₆	2003 10 21.4	01 42.57 +03 54.1 18.6	-0.72 - 7.0	2.1/19.3	35546
1999 RS ₆₇	2003 10 21.4	01 42.64 +21 48.2 18.6	-1.02 - 5.5	4.4/24.8	50416
2000 YS ₈₅	2003 10 21.4	01 42.65 +01 35.0 19.1	-0.96 - 6.6	3.7/18.8	31931
2002 GS ₁₁	2003 10 21.4	01 42.67 -05 56.3 19.2	-0.76 - 6.6	5.5/16.2	50047
1999 JV ₃₈	2003 10 21.5	01 42.68 +12 20.5 17.8	-1.12 - 3.5	0.8/22.0	41575
2002 JR ₇₂	2003 10 21.5	01 42.68 -02 23.2 19.9	-0.94 - 5.0	4.4/17.8	34001
1998 PR	2003 10 21.5	01 42.73 +16 40.8 17.8	-0.90 - 3.9	2.2/23.2	50387
2001 HT ₄₀	2003 10 21.5	01 42.75 -11 32.6 20.1	-0.78 - 2.5	5.6/15.0	48029
2000 WO ₆	2003 10 21.5	01 42.80 +05 24.7 18.7	-1.12 - 3.8	2.3/20.2	27745
1996 TO ₃₄	2003 10 21.5	01 42.85 +11 14.2 19.8	-1.03 - 4.7	0.2/21.7	47705
1998 FD ₅	2003 10 21.5	01 42.86 +26 42.3 19.4	-1.37 + 1.4	5.7/24.9	9064
1999 VD	2003 10 21.5	01 42.91 +03 30.2 19.0	-0.84 - 6.6	2.8/19.4	31295
2001 DV ₉₂	2003 10 21.5	01 42.95 +11 15.4 18.3	-1.03 - 2.7	0.3/21.7	50525
2002 PB ₁₅	2003 10 21.5	01 42.96 +04 52.2 19.7	-0.74 - 5.1	1.6/19.8	35246
2000 YG ₅₄	2003 10 21.5	01 42.99 +02 55.4 18.6	-1.00 - 4.9	3.1/19.4	50513
1997 KU ₁	2003 10 21.5	01 43.04 +02 41.9 19.7	-0.79 - 9.3	2.6/18.9	47712
2002 JU ₃₀	2003 10 21.5	01 43.06 +07 14.0 19.1	-1.01 - 7.3	1.5/20.6	33563
1999 VU ₂₆	2003 10 21.6	01 42.99 +15 39.3 16.9	-0.62 - 8.4	2.6/23.4	49740
1993 TO ₂₃	2003 10 21.6	01 43.04 +07 59.4 18.6	-1.08 - 4.0	1.1/20.9	28935
1999 RD ₂₂₇	2003 10 21.6	01 43.07 +21 12.1 19.5	-1.00 - 6.1	4.2/24.8	46377
1999 XQ ₆	2003 10 21.6	01 43.11 +06 53.5 17.3	-0.88 + 0.7	2.0/20.7	49753
1995 SW ₈	2003 10 21.6	01 43.16 +16 26.4 21.3	-1.00 - 4.0	1.8/23.2	15572
1998 HJ ₁₄₆	2003 10 21.6	01 43.16 +05 03.3 18.2	-1.09 - 1.8	2.1/20.3	50386
2001 GG ₅	2003 10 21.6	01 43.22 +06 43.4 17.8	-0.89 - 1.1	1.1/20.6	31946
2002 LD ₅₆	2003 10 21.6	01 43.23 -14 41.9 18.6	-0.76 - 4.4	6.7/13.8	34018
2000 FD ₃₄	2003 10 21.6	01 43.25 -15 08.6 17.9	-0.73 - 4.9	7.4/12.8	50468
2001 FX ₇₉	2003 10 21.6	01 43.27 +22 07.7 18.8	-0.99 - 4.4	4.1/24.9	33904
2002 DZ	2003 10 21.6	01 43.27 +03 09.2 20.0	-0.84 - 8.4	2.4/19.3	30696
2000 YZ ₈₆	2003 10 21.6	01 43.29 +20 35.2 18.2	-0.99 - 5.8	4.7/24.6	50514
2001 FG ₁₆₀	2003 10 21.6	01 43.36 +18 56.0 18.9	-0.93 - 3.9	2.9/24.0	13368
2001 FO ₁₂₁	2003 10 21.6	01 43.38 +07 38.0 18.0	-1.05 + 0.2	1.1/21.0	13842
2002 JT ₁₁₉	2003 10 21.6	01 43.40 -17 50.3 17.5	-0.97 + 0.9	12.2/14.7	50611
2001 FT ₈₆	2003 10 21.6	01 43.41 -06 19.4 19.1	-0.72 - 6.0	5.1/16.2	48022
2002 EZ ₁₀	2003 10 21.6	01 43.43 +09 14.9 19.7	-1.05 - 5.6	0.6/21.3	31976
2002 LN ₁₉	2003 10 21.6	01 43.44 +03 22.8 18.9	-0.99 - 4.3	2.7/19.7	31779
2001 FA ₅₁	2003 10 21.7	01 43.38 +08 47.5 19.0	-0.81 - 8.4	0.6/21.1	35546
2000 CH ₁₂	2003 10 21.7	01 43.39 +07 01.7 19.6	-0.78 - 5.3	1.1/20.6	14394
2002 GH ₁₂	2003 10 21.7	01 43.40 +09 05.6 18.9	-0.98 - 6.5	0.6/21.2	30134
2000 YM ₉₆	2003 10 21.7	01 43.43 +16 54.7 17.5	-0.89 - 6.5	3.0/23.6	50514
2000 AT ₁₅	2003 10 21.7	01 43.46 +05 43.4 18.1	-0.88 - 3.7	1.8/20.3	11740
2000 WQ ₁₈₄	2003 10 21.7	01 43.47 +04 47.9 19.8	-0.96 - 5.2	2.1/20.0	9445

1999 TE ₃₆	2003 10 21.7	01 43.48 +10 58.2 17.0	-1.04 - 1.3	0.1/21.8	50424
1998 QZ ₁₉	2003 10 21.7	01 43.49 +07 58.1 18.4	-0.81 - 6.7	1.0/20.9	50388
2002 PX ₂₂	2003 10 21.7	01 43.49 +28 43.6 18.6	-0.86 - 3.5	5.3/27.3	38347
2001 DR ₁₀₃	2003 10 21.7	01 43.54 +24 02.5 18.4	-1.04 - 4.9	5.1/25.6	13818
1999 TM ₆₃	2003 10 21.7	01 43.57 +07 18.3 18.7	-0.89 - 4.9	1.3/20.8	47803
1004 T-3	2003 10 21.7	01 43.64 +24 25.2 17.5	-0.87 - 5.9	4.8/26.2	34058
1999 RH ₁₆₁	2003 10 21.7	01 43.73 +14 26.2 20.1	-0.99 - 6.3	1.3/22.9	50419
2000 WK ₄₃	2003 10 21.7	01 43.79 +08 35.6 19.8	-0.99 - 7.6	0.8/21.1	47988
2000 EO ₂₈	2003 10 21.7	01 43.80 -01 19.8 19.3	-0.79 - 2.3	3.5/18.4	35519
2002 GL ₁₂₂	2003 10 21.8	01 43.74 +05 13.7 20.2	-0.95 - 7.5	2.0/20.1	31589
2001 CV ₂₇	2003 10 21.8	01 43.80 -02 38.6 18.5	-0.88 - 2.8	4.1/18.2	33895
2002 GW ₅₅	2003 10 21.8	01 43.85 +18 23.0 18.7	-1.01 - 8.8	2.9/24.2	31996
2000 AO ₂₀	2003 10 21.8	01 43.89 +08 57.6 18.7	-0.91 - 3.6	0.6/21.3	33853
2001 HX	2003 10 21.8	01 43.89 +03 04.7 18.5	-0.71 - 6.5	2.3/19.3	35551
2001 FO ₁₄₃	2003 10 21.8	01 44.04 +07 09.8 19.8	-0.77 - 8.1	1.1/20.7	48025
2001 DP ₆₉	2003 10 21.8	01 44.04 +09 11.3 19.0	-0.95 - 6.5	0.6/21.4	48012
1998 HX ₈₅	2003 10 21.8	01 44.06 +11 36.1 18.5	-1.00 - 4.5	0.3/22.1	9706
2000 YF ₈	2003 10 21.8	01 44.08 +05 16.5 18.4	-0.97 - 5.9	2.4/20.3	50511
2002 FF ₃	2003 10 21.8	01 44.09 +32 08.2 18.0	-2.16 +14.7	12.0/23.3	50041
1998 DL ₁₂	2003 10 21.8	01 44.11 +05 07.2 20.7	-0.96 - 4.8	2.1/20.3	47723
1999 TP ₂₁₅	2003 10 21.8	01 44.13 +05 32.6 17.5	-0.97 - 2.9	1.9/20.5	50429
2002 JR ₇₁	2003 10 21.8	01 44.13 -00 31.6 20.2	-0.98 - 4.6	3.9/18.8	32025
2002 JP ₁₀₂	2003 10 21.8	01 44.15 +09 57.3 20.9	-0.96 - 5.8	0.3/21.6	48236
1997 AL ₂₁	2003 10 21.9	01 44.12 +09 47.5 17.7	-1.04 - 2.5	0.4/21.7	12115
1999 XZ ₂₂₁	2003 10 21.9	01 44.14 +00 50.5 18.8	-1.07 + 0.6	3.9/19.6	2704
1999 VD ₂₁₂	2003 10 21.9	01 44.14 +18 43.8 20.8	-0.87 - 7.5	2.5/24.4	14154
1999 VN ₁₃₄	2003 10 21.9	01 44.17 +12 00.0 18.9	-0.90 - 5.2	0.4/22.3	47823
2002 NB ₉	2003 10 21.9	01 44.18 -17 39.3 19.4	-0.77 - 2.7	7.6/13.3	35582
2001 FW ₉	2003 10 21.9	01 44.19 +15 00.5 20.6	-0.89 - 5.9	1.3/23.2	11969
2001 FF ₁₃₁	2003 10 21.9	01 44.26 +04 26.0 19.9	-0.82 - 5.1	2.1/20.0	14424
2002 LY ₇	2003 10 21.9	01 44.27 -02 32.0 18.8	-0.92 - 6.3	5.9/17.9	50612
2001 FD ₁₄₅	2003 10 21.9	01 44.34 -13 28.7 20.1	-0.90 + 0.3	6.4/15.8	13844
1998 HO ₁₂₇	2003 10 21.9	01 44.39 +10 03.9 17.7	-0.91 - 8.8	0.3/21.7	50386
1998 FU ₇₁	2003 10 21.9	01 44.43 +14 06.0 19.2	-1.00 - 5.0	1.2/22.9	31813
1999 VS ₉₆	2003 10 21.9	01 44.44 +04 43.5 18.4	-1.04 - 0.7	2.3/20.5	31877
2001 DN ₁₃	2003 10 21.9	01 44.49 +18 57.7 18.7	-1.10 - 0.4	2.7/23.9	13813
1999 RJ ₁₅₈	2003 10 21.9	01 44.50 +11 52.3 19.2	-1.02 - 4.2	0.4/22.3	31861
2000 DT ₂₆	2003 10 21.9	01 44.51 +10 11.4 19.1	-0.79 - 4.2	0.2/21.8	47855
2000 YU ₆₂	2003 10 21.9	01 44.56 +01 31.1 18.1	-0.93 - 5.2	4.1/19.3	50513
3228 T-1	2003 10 22.0	01 44.65 +12 57.5 19.3	-0.95 - 5.1	0.7/22.6	32043
2001 FV ₁₄₈	2003 10 22.0	01 44.67 +22 55.8 19.2	-0.93 - 6.3	4.1/25.8	35059
2000 EA ₁₀₈	2003 10 22.0	01 44.75 +20 48.9 19.2	-0.79 - 5.9	3.1/25.2	14221
2000 GZ ₁₆	2003 10 22.0	01 44.80 +08 57.2 17.6	-0.76 - 4.5	0.6/21.5	33229
1999 VX ₁₆₂	2003 10 22.0	01 44.89 +13 17.6 18.6	-0.94 - 4.3	1.0/22.8	30335
1998 DX ₈	2003 10 22.0	01 44.90 +08 48.3 18.9	-1.00 - 5.1	0.8/21.5	33764
2002 GV ₂₅	2003 10 22.0	01 44.90 +11 59.0 19.7	-0.97 - 6.5	0.4/22.4	31993
2002 JY ₅₉	2003 10 22.0	01 44.92 +13 49.4 20.7	-0.91 - 5.0	1.0/23.0	31686
2002 OP ₅	2003 10 22.0	01 44.94 +13 31.2 18.9	-0.73 - 7.4	0.8/23.0	48242
2000 XY ₃₁	2003 10 22.1	01 44.88 +11 45.7 18.5	-1.15 - 2.1	0.4/22.3	9891
2001 FW ₉₀	2003 10 22.1	01 44.97 +13 48.9 20.3	-0.96 + 0.1	0.8/22.8	13838
2001 FH ₇₃	2003 10 22.1	01 45.00 +05 39.3 19.6	-0.87 - 3.4	1.6/20.7	33904

3339 T-1	2003 10 22.1	01 45.00 +11 51.8 19.6	-0.87 - 2.9	0.3/22.4	48389
2001 CC ₁₁	2003 10 22.1	01 45.03 -02 31.3 20.0	-0.88 - 4.4	4.2/18.3	11841
2000 EV ₅	2003 10 22.1	01 45.07 +10 20.8 19.0	-0.78 - 4.3	0.1/22.0	47860
1998 MF ₂₄	2003 10 22.1	01 45.07 +03 36.0 20.4	-0.87 - 5.0	2.4/20.0	9713
2002 GJ ₆₃	2003 10 22.1	01 45.11 +06 06.3 19.1	-0.91 - 5.9	1.8/20.8	33547
1999 RS ₁₇₆	2003 10 22.1	01 45.15 +08 58.7 18.9	-0.88 - 7.3	0.8/21.6	34778
2002 OE ₇	2003 10 22.1	01 45.16 +25 37.2 20.2	-0.77 - 4.8	3.5/26.9	48242
1998 XC ₉₈	2003 10 22.1	01 45.21 +01 41.7 21.2	-0.77 - 3.2	2.4/19.5	6820
1999 AS ₁₀	2003 10 22.1	01 45.21 +11 32.4 18.8	-0.82 - 5.1	0.2/22.4	50401
2001 HU ₅₆	2003 10 22.1	01 45.26 +14 32.9 19.9	-0.81 - 3.2	1.0/23.2	46527
2001 FJ ₃₁	2003 10 22.1	01 45.33 +10 27.8 18.8	-0.85 - 5.6	0.2/22.1	48019
1998 GO ₂	2003 10 22.1	01 45.34 -03 46.5 20.1	-0.97 - 4.2	4.9/18.1	4911
2002 FK ₆	2003 10 22.1	01 45.35 +04 50.6 17.5	-1.67 + 6.4	3.1/21.4	31986
2001 FH ₉₃	2003 10 22.2	01 45.26 +03 18.8 18.5	-0.90 - 2.9	2.6/20.2	12062
1999 VT ₆₂	2003 10 22.2	01 45.36 +02 56.2 18.8	-1.03 - 0.9	3.1/20.3	13622
2001 DC ₆	2003 10 22.2	01 45.38 +01 21.8 17.8	-0.99 - 1.5	4.7/19.8	50523
2001 CO ₂₈	2003 10 22.2	01 45.38 -06 18.1 18.7	-0.87 - 3.9	5.5/17.2	12289
1999 RA ₁₉₅	2003 10 22.2	01 45.46 +32 08.9 18.8	-1.02 - 6.9	8.7/29.1	47796
2001 FX ₈₂	2003 10 22.2	01 45.63 +17 28.0 20.1	-0.84 - 6.2	1.9/24.3	35049
2000 YB ₅₂	2003 10 22.2	01 45.65 +14 00.3 18.6	-0.97 - 5.4	1.1/23.2	9499
2001 ET ₂₀	2003 10 22.2	01 45.70 +13 22.4 18.2	-0.96 - 6.2	1.0/23.0	13822
2001 DN ₉	2003 10 22.2	01 45.72 +00 10.3 19.3	-0.92 - 3.9	3.7/19.3	12293
1998 FH ₅₉	2003 10 22.3	01 45.65 +10 35.6 19.0	-1.05 - 2.8	0.1/22.2	38184
2002 EK ₁₁₄	2003 10 22.3	01 45.71 +12 50.3 19.4	-1.12 - 3.5	0.8/22.8	50599
2002 JQ ₄₂	2003 10 22.3	01 45.72 +05 28.5 19.6	-0.89 - 7.8	2.1/20.6	50608
2002 RD ₁₁₃	2003 10 22.3	01 45.80 +31 23.3 18.9	-0.92 - 2.6	5.4/28.5	38398
2001 HS ₄₆	2003 10 22.3	01 45.95 +06 54.0 18.5	-0.88 - 1.7	1.3/21.3	48030
2000 XP ₂₆	2003 10 22.3	01 46.12 +08 06.6 18.0	-1.16 + 1.8	1.5/21.8	50510
2002 PK ₆₆	2003 10 22.4	01 46.03 -02 13.9 19.5	-0.72 - 5.0	3.8/18.3	35282
1999 WW ₁₇	2003 10 22.4	01 46.09 +10 51.6 19.3	-0.89 - 5.4	0.0/22.4	30337
1998 FO ₈₄	2003 10 22.4	01 46.09 +05 45.9 18.0	-1.09 - 2.4	2.1/21.1	31813
2001 BM ₇₂	2003 10 22.4	01 46.16 +13 38.9 20.2	-1.02 - 5.1	1.0/23.2	48008
2002 JQ ₅₅	2003 10 22.4	01 46.16 +10 53.2 20.0	-0.99 - 4.7	0.0/22.4	48234
2002 CS ₅₈	2003 10 22.4	01 46.24 +09 18.7 18.9	-1.11 - 3.0	0.6/22.0	48201
1998 VV ₁₁	2003 10 22.4	01 46.26 +07 37.8 18.0	-0.65 -12.2	1.3/21.2	50397
2002 GN ₉₁	2003 10 22.4	01 46.31 -01 44.5 19.6	-0.96 - 5.6	4.8/18.8	31563
1999 PJ ₃	2003 10 22.4	01 46.31 +12 36.4 18.7	-1.03 - 4.7	0.6/22.9	31856
2002 GG ₆₈	2003 10 22.4	01 46.31 -04 00.8 19.3	-0.82 - 6.4	4.6/17.9	33982
2000 AK ₁₄	2003 10 22.4	01 46.32 -10 16.0 17.7	-0.96 + 0.8	8.9/17.2	50449
2001 BB ₇₃	2003 10 22.4	01 46.41 -06 18.1 17.5	-0.91 - 2.5	6.0/17.8	50520
1998 QJ ₄₉	2003 10 22.5	01 46.40 -18 08.7 18.4	-0.78 - 7.2	8.6/12.3	50388
2002 JT	2003 10 22.5	01 46.41 +01 21.8 21.3	-0.93 - 6.5	3.1/19.7	32013
2002 GA ₉₄	2003 10 22.5	01 46.42 +15 19.2 19.5	-0.95 - 7.4	1.6/23.8	31566
2002 OG ₉	2003 10 22.5	01 46.47 +19 01.1 19.8	-0.84 - 5.3	2.3/25.0	35234
1997 YP ₁₀	2003 10 22.5	01 46.47 +15 15.9 18.4	-1.12 - 3.6	1.8/23.6	47721
2001 FM ₄₂	2003 10 22.5	01 46.53 +05 35.1 20.3	-0.79 - 7.0	1.6/20.8	48019
1999 NC ₂₃	2003 10 22.5	01 46.62 +12 56.2 18.1	-0.92 - 6.6	0.9/23.1	46370
1999 RJ ₁₂₉	2003 10 22.5	01 46.68 +05 48.8 18.3	-0.80 - 5.9	2.5/21.0	50418
1988 DX ₄	2003 10 22.5	01 46.72 +03 59.6 20.7	-0.82 - 7.9	2.1/20.3	47681
2002 JA ₆	2003 10 22.5	01 46.72 -06 57.6 19.3	-0.85 - 5.3	6.8/17.2	30178
1998 RS ₅₇	2003 10 22.5	01 46.79 +14 54.4 18.2	-0.93 - 2.5	1.2/23.6	31826

2000 EM ₆₉	2003 10 22.6	01 46.85 +22 08.0 17.9	-0.99 - 0.5	3.5/25.4	724
1998 SM ₁₄₇	2003 10 22.6	01 46.88 +06 31.2 18.3	-0.83 - 3.8	1.6/21.3	50395
2001 AT ₂₃	2003 10 22.6	01 46.89 +05 37.2 19.0	-0.91 - 5.6	1.9/21.1	12269
2001 FD ₇₀	2003 10 22.6	01 47.09 +05 54.6 18.8	-0.81 - 3.5	1.6/21.2	31944
2001 CF ₁₁	2003 10 22.6	01 47.15 -02 58.0 18.2	-0.91 - 4.1	6.4/18.7	33895
2002 JH ₁₀₃	2003 10 22.6	01 47.16 +09 25.9 19.5	-0.91 - 6.1	0.6/22.2	34003
1999 XC ₁₁	2003 10 22.6	01 47.18 +13 31.8 17.7	-1.00 - 0.9	1.1/23.3	1546
2002 GV ₇₆	2003 10 22.6	01 47.19 -02 47.6 18.2	-0.95 - 4.4	6.1/18.8	50055
2002 GK ₇₄	2003 10 22.7	01 47.17 +19 36.1 18.3	-0.97 - 8.6	3.7/25.4	31543
2000 YY ₈₉	2003 10 22.7	01 47.18 +03 10.5 20.5	-1.00 - 5.6	3.0/20.5	9528
2001 BN ₅₃	2003 10 22.7	01 47.26 +09 53.8 20.0	-0.99 - 4.5	0.4/22.4	13807
2002 EQ ₁₁	2003 10 22.7	01 47.29 +20 57.8 17.7	-1.05 -20.0	4.2/26.4	30703
1998 RC ₃₂	2003 10 22.7	01 47.34 +24 32.5 18.5	-0.95 - 2.9	5.2/26.6	33035
2002 NM ₁₃	2003 10 22.7	01 47.35 +26 38.9 18.2	-0.85 - 4.5	4.9/27.6	35583
2002 GA ₁₅₁	2003 10 22.7	01 47.46 +18 06.2 18.7	-1.07 - 5.2	2.9/24.7	48231
2002 PF ₁₆₁	2003 10 22.7	01 47.46 +07 18.6 21.0	-0.78 - 4.1	1.0/21.7	47212
1999 TB ₂₈₈	2003 10 22.7	01 47.49 +06 41.2 18.8	-0.99 - 2.7	1.7/21.6	50431
2001 FE ₈₀	2003 10 22.7	01 47.54 +16 12.7 20.4	-0.82 - 6.4	1.4/24.4	48022
1998 HP ₅₇	2003 10 22.7	01 47.56 +10 32.5 18.1	-1.07 - 2.6	0.2/22.6	33767
2001 BX ₅₃	2003 10 22.7	01 47.59 +02 42.4 19.6	-0.85 - 6.4	2.6/20.2	17540
1999 TT ₂₁₁	2003 10 22.7	01 47.61 +03 45.9 18.2	-0.91 - 4.5	2.7/20.7	47810
2000 YD ₇₆	2003 10 22.8	01 47.58 -00 14.8 19.6	-1.02 - 6.1	4.4/19.5	17516
2002 GH ₁₃₂	2003 10 22.8	01 47.58 +12 13.4 19.3	-1.01 - 4.7	0.5/23.1	33554
2001 AM ₃₈	2003 10 22.8	01 47.61 +16 31.7 19.0	-0.97 - 2.3	1.6/24.2	13804
2002 GB ₁₁	2003 10 22.8	01 47.62 +17 10.8 18.7	-1.90 +12.4	3.5/23.3	30131
2002 NZ ₄₃	2003 10 22.8	01 47.63 -04 14.5 16.9	-0.64 - 4.3	4.9/17.9	50614
2000 YZ ₃₅	2003 10 22.8	01 47.65 -01 39.7 19.4	-0.96 - 5.7	5.2/19.1	47998
2002 JW ₃₄	2003 10 22.8	01 47.67 +11 16.5 19.7	-0.90 - 6.7	0.1/22.9	31654
1999 UV ₁₆	2003 10 22.8	01 47.77 +11 32.0 17.2	-0.94 + 0.2	0.2/23.0	50432
2000 BQ ₂	2003 10 22.8	01 47.81 +24 50.4 18.0	-1.04 - 3.3	4.9/26.0	704
2001 HQ ₂₄	2003 10 22.8	01 47.82 -00 51.7 18.4	-0.97 + 0.2	4.4/20.0	48029
2000 DW ₆	2003 10 22.8	01 47.85 +14 09.9 19.0	-0.91 - 1.2	1.0/23.6	13163
2002 JZ ₁₀₂	2003 10 22.8	01 47.85 +04 30.4 19.0	-0.96 - 5.3	2.2/21.0	31731
2001 AC ₃₄	2003 10 22.8	01 47.99 +03 13.7 18.4	-1.04 - 2.1	3.8/20.9	49882
1998 WQ ₂₈	2003 10 22.8	01 47.99 -10 47.4 19.3	-0.90 + 0.3	6.2/17.4	47758
2002 EO ₇₄	2003 10 22.9	01 47.92 +12 40.5 19.7	-1.07 - 5.9	0.6/23.3	31979
1997 GV ₁₃	2003 10 22.9	01 48.01 +12 13.0 20.4	-0.88 - 5.9	0.3/23.2	47711
2000 CO ₈₁	2003 10 22.9	01 48.05 +10 06.7 18.8	-0.77 - 4.4	0.3/22.6	47852
2000 AS ₇₂	2003 10 22.9	01 48.07 -08 24.4 18.0	-0.88 - 2.3	6.3/17.6	50451
2001 BB ₃₂	2003 10 22.9	01 48.10 +05 39.4 19.0	-0.98 - 5.8	2.1/21.4	13806
1998 HR ₆₀	2003 10 22.9	01 48.11 +14 12.7 20.1	-1.02 - 3.4	1.0/23.8	47730
1999 JK ₄₆	2003 10 22.9	01 48.12 +07 36.6 18.4	-0.98 - 8.0	1.5/21.9	35470
1998 RO ₂₉	2003 10 22.9	01 48.13 +23 21.7 19.2	-1.07 - 0.5	4.6/26.0	31825
2002 GN ₁₂₂	2003 10 22.9	01 48.15 +04 16.0 17.5	-0.93 - 3.7	3.4/21.1	50064
2001 FR ₁₆₇	2003 10 22.9	01 48.16 -16 19.1 19.2	-0.92 - 4.9	9.3/13.8	13847
1998 FX ₇₉	2003 10 22.9	01 48.18 +04 44.4 17.7	-1.01 - 5.0	2.7/21.2	9701
1999 TQ ₁₅₁	2003 10 22.9	01 48.22 +14 49.7 18.7	-1.22 + 3.9	1.7/23.6	50427
2002 JB ₉₇	2003 10 22.9	01 48.27 -05 11.1 19.8	-0.94 - 5.2	5.7/18.3	32028
2001 DS ₃₆	2003 10 22.9	01 48.28 -01 38.2 20.3	-0.85 - 5.7	4.1/19.1	48011
1999 JB ₅₇	2003 10 22.9	01 48.31 +07 55.9 18.9	-1.11 - 3.2	1.4/22.2	47780
1999 XY ₁₀₇	2003 10 22.9	01 48.31 +06 55.1 18.4	-0.90 - 4.7	1.5/21.8	13634

2003 OCT. 10

M.P.C. 49815

1999 RH ₅₀	2003 10 22.9	01 48.31 +18 56.1 18.3	-1.05 - 5.8	3.2/25.2	29067
2001 FA ₁₂₀	2003 10 23.0	01 48.36 +09 07.3 20.8	-0.82 - 5.2	0.7/22.4	48024
2001 EX ₁₁	2003 10 23.0	01 48.40 +07 27.7 19.5	-0.91 - 4.8	1.3/22.0	48015
2000 CD ₃₆	2003 10 23.0	01 48.41 -00 29.7 18.5	-0.83 - 7.6	4.4/19.2	47850
2002 JW ₁₄₄	2003 10 23.0	01 48.42 -13 19.4 19.7	-0.84 - 4.0	8.6/15.8	35578
1995 UX ₈₀	2003 10 23.0	01 48.46 +13 21.2 19.8	-0.79 -12.8	0.8/23.8	15577
1999 VA ₂₀	2003 10 23.0	01 48.50 -00 44.3 19.1	-1.01 - 0.7	4.1/20.2	31874
2000 WQ ₅₆	2003 10 23.0	01 48.53 +06 51.1 18.0	-1.09 - 1.9	2.1/22.0	50505
1999 VK ₂₀₅	2003 10 23.0	01 48.55 +02 50.4 17.8	-0.81 - 8.3	2.7/20.3	42916
2002 JC ₂	2003 10 23.0	01 48.57 +07 28.3 20.8	-0.97 - 6.0	1.4/22.0	48232
1999 RP ₁₂₅	2003 10 23.0	01 48.60 +24 27.3 18.3	-1.02 - 3.1	6.2/26.8	33821
2002 CV ₁₀	2003 10 23.0	01 48.61 +00 17.4 17.9	-1.81 +10.3	5.8/22.0	31965
2002 JU ₅₃	2003 10 23.0	01 48.67 +08 39.2 19.1	-1.07 - 4.4	1.1/22.4	48234
2001 HK ₄₃	2003 10 23.0	01 48.69 +05 45.3 18.7	-0.87 - 1.4	1.8/21.7	13467
1999 RP ₁₄₈	2003 10 23.0	01 48.72 +23 08.0 19.0	-1.07 - 4.1	4.9/26.4	47793
2000 WJ ₁₁₆	2003 10 23.0	01 48.75 +11 59.6 17.5	-1.04 - 4.2	0.3/23.3	31925
2000 EJ ₁₆₇	2003 10 23.1	01 48.70 +15 37.5 18.3	-0.89 - 1.6	1.4/24.3	33871
1999 VZ ₈₆	2003 10 23.1	01 48.70 -12 45.1 18.3	-0.83 - 5.2	8.0/15.5	50436
1999 XY ₁₇₃	2003 10 23.1	01 48.72 +25 20.5 17.9	-0.98 - 2.7	5.5/27.0	50446
1999 XH ₄₉	2003 10 23.1	01 48.73 +14 49.0 19.2	-0.90 - 5.2	1.3/24.2	47829
2001 FL ₁₈₆	2003 10 23.1	01 48.73 +03 42.2 19.3	-0.81 - 5.7	2.6/20.9	48027
1999 VO ₁₁₉	2003 10 23.1	01 48.75 +14 53.4 19.7	-0.96 - 4.4	1.3/24.1	11661
2001 FF ₁₄₀	2003 10 23.1	01 48.77 +10 55.9 20.1	-0.79 - 4.0	0.1/23.0	33906
2001 DT ₇₆	2003 10 23.1	01 48.83 +17 16.4 20.4	-0.81 - 4.6	1.6/24.9	48013
2002 KZ ₃	2003 10 23.1	01 48.86 -12 17.5 20.9	-0.87 - 8.6	7.2/15.3	33588
1998 XD ₁₃	2003 10 23.1	01 48.90 +01 34.7 20.0	-0.86 - 1.7	3.1/20.6	13586
2001 FW ₇₉	2003 10 23.1	01 48.93 +19 22.1 18.5	-0.84 - 5.7	2.4/25.7	33904
2000 EH ₇₀	2003 10 23.1	01 48.98 +10 50.5 18.5	-0.81 - 2.8	0.1/23.1	49794
1999 VA ₁₉₄	2003 10 23.1	01 48.98 +09 56.3 18.8	-1.02 - 1.3	0.5/22.9	47826
2000 WW ₁₀₆	2003 10 23.1	01 49.02 +39 20.1 19.1	-1.14 - 8.2	8.9/02.0	33887
2002 OE ₂₃	2003 10 23.1	01 49.03 +34 57.0 19.1	-0.90 - 4.4	6.4/31.0	38346
2001 BQ ₇₉	2003 10 23.1	01 49.07 +06 08.0 17.9	-0.84 - 6.0	2.4/21.7	50520
2002 JK ₉₅	2003 10 23.1	01 49.08 +06 53.1 18.9	-1.06 - 2.4	1.7/22.1	33570
2001 HW ₄₁	2003 10 23.1	01 49.09 +01 58.1 17.9	-0.77 - 9.8	3.2/20.0	50534
2001 FL ₁₀₁	2003 10 23.2	01 49.16 +26 14.1 18.3	-0.88 - 5.4	4.7/28.0	50530
2002 JA ₂₀	2003 10 23.2	01 49.17 +03 29.6 19.5	-0.99 - 3.9	2.9/21.2	35577
1999 VK ₅₀	2003 10 23.2	01 49.24 +11 56.1 18.9	-0.94 - 3.7	0.2/23.4	13621
2002 GB ₉₉	2003 10 23.2	01 49.28 +16 05.9 19.9	-1.07 - 5.1	1.9/24.6	31571
2001 FZ ₁₂	2003 10 23.2	01 49.33 +12 42.3 21.2	-0.97 - 3.7	0.5/23.7	48017
1998 UQ ₂₅	2003 10 23.2	01 49.34 +01 36.5 18.8	-0.79 - 4.4	3.1/20.5	47753
2001 BO ₂₄	2003 10 23.2	01 49.36 +14 25.5 17.0	-0.92 - 5.9	1.5/24.2	50518
2001 DN ₁₅	2003 10 23.2	01 49.44 +03 39.2 20.4	-1.02 - 5.1	2.8/21.2	12294
2002 LR ₁₇	2003 10 23.2	01 49.46 +10 25.4 19.7	-0.94 - 6.0	0.3/23.0	33602
2000 BD ₂₄	2003 10 23.2	01 49.48 +02 41.6 18.5	-0.86 - 1.6	2.7/21.1	47847
1998 FT ₁₀₁	2003 10 23.3	01 49.44 +17 46.9 17.9	-1.02 - 5.7	2.5/25.2	50383
1109 T-3	2003 10 23.3	01 49.44 +21 50.1 18.8	-0.99 - 6.0	4.1/26.4	10818
2001 FA ₁₅₉	2003 10 23.3	01 49.44 -04 46.5 18.3	-0.80 - 9.6	5.9/17.8	50532
1999 VD ₁₀₆	2003 10 23.3	01 49.53 +22 12.2 19.5	-0.85 -10.5	4.1/27.2	34808
2002 GM ₈₀	2003 10 23.3	01 49.58 +07 59.7 19.6	-1.09 - 2.9	1.3/22.5	32001
2001 DG ₁₀₈	2003 10 23.3	01 49.68 +13 36.2 19.9	-0.90 - 5.9	0.8/24.0	48014
1999 GX ₃₀	2003 10 23.3	01 49.69 +03 23.4 18.4	-1.10 - 3.6	3.4/21.4	50407

1999 NW ₁₀	2003 10 23.3	01 49.74 +23 11.9 18.1	-1.06 - 5.4	4.6/26.8	50412
2002 FN ₂	2003 10 23.3	01 49.77 +06 33.5 19.2	-0.98 - 7.3	1.8/22.0	30090
2001 BT ₃₄	2003 10 23.3	01 49.81 +07 12.1 19.7	-0.89 - 5.7	1.4/22.2	33893
1999 VQ ₁₈	2003 10 23.3	01 49.83 +11 59.2 19.6	-1.08 - 0.9	0.3/23.5	47818
1999 XA ₂₅₄	2003 10 23.3	01 49.84 +08 13.4 21.1	-0.79 - 4.4	0.9/22.5	47837
1999 VW ₇	2003 10 23.4	01 49.85 +04 02.3 18.1	-0.93 - 1.1	3.4/21.6	49737
2002 JL ₄₂	2003 10 23.4	01 49.86 +12 36.5 17.8	-0.89 - 7.9	0.6/23.8	50608
1999 WG ₁₂	2003 10 23.4	01 49.89 +02 32.3 19.3	-0.89 - 3.3	3.1/21.0	11681
2000 YH ₄₅	2003 10 23.4	01 49.94 +06 35.0 19.2	-0.96 - 4.7	1.6/22.1	18308
2001 FN ₃₇	2003 10 23.4	01 49.98 +04 56.7 20.9	-0.72 - 5.4	1.6/21.5	48019
1998 RR ₃₀	2003 10 23.4	01 49.98 +29 15.2 18.2	-1.07 - 0.4	6.9/28.0	25717
2001 HX ₄₁	2003 10 23.4	01 50.00 +05 03.3 18.6	-0.78 - 4.0	1.8/21.6	35553
2000 YL ₁₀₄	2003 10 23.4	01 50.02 +28 02.8 18.5	-1.10 - 1.9	5.7/27.8	33890
2002 GF ₅₀	2003 10 23.4	01 50.02 +20 09.6 19.5	-1.00 - 7.8	3.2/26.2	48228
1999 XE ₉₆	2003 10 23.4	01 50.06 +22 30.9 17.2	-0.89 - 7.0	4.1/27.0	50444
2001 AQ ₁₇	2003 10 23.4	01 50.06 +17 35.4 20.3	-0.91 - 4.8	1.8/25.3	48004
2002 JS ₁₁₇	2003 10 23.4	01 50.10 -11 51.3 19.5	-0.85 - 4.3	7.5/16.6	48237
1999 TH ₁₄₀	2003 10 23.4	01 50.12 +12 53.5 18.7	-0.95 - 3.8	0.5/23.9	33830
1999 XU ₁₀₉	2003 10 23.4	01 50.12 +08 00.7 17.6	-0.83 - 6.4	1.4/22.5	11711
2001 FV ₁₅₀	2003 10 23.4	01 50.14 +15 46.6 17.9	-0.82 - 4.8	1.4/24.8	33906
2002 JQ ₂	2003 10 23.4	01 50.14 -08 21.5 20.5	-0.93 - 1.8	5.9/18.5	32013
1999 VK ₁	2003 10 23.4	01 50.23 +08 36.1 17.6	-0.95 - 3.3	1.1/22.8	11623
1999 VK ₁₇	2003 10 23.4	01 50.25 +14 10.7 19.4	-0.95 - 4.7	1.0/24.3	12187
1999 NC ₄	2003 10 23.5	01 50.37 -00 47.6 18.8	-0.98 - 5.6	4.7/20.2	47784
2001 FO ₁₈₈	2003 10 23.5	01 50.38 +08 20.1 20.4	-0.99 - 1.6	0.9/22.8	17596
1981 EX ₃₅	2003 10 23.5	01 50.39 +17 42.8 18.7	-0.98 - 8.0	2.4/25.5	35433
1999 XU ₂₁₇	2003 10 23.5	01 50.39 +04 30.0 19.8	-0.78 - 3.9	2.0/21.6	34845
2002 JF ₁₄₆	2003 10 23.5	01 50.42 -15 47.8 20.2	-0.91 - 2.9	9.5/15.8	31753
2001 CF ₃₂	2003 10 23.5	01 50.46 +09 07.5 19.0	-0.92 - 3.4	0.8/23.0	48009
2000 AZ ₂₀	2003 10 23.5	01 50.48 +04 24.0 18.9	-0.91 - 3.1	2.5/21.7	13094
2000 YE ₁₂₉	2003 10 23.5	01 50.56 +18 15.8 18.1	-1.05 - 3.2	3.2/25.4	49878
2002 KK ₁	2003 10 23.5	01 50.58 -08 41.7 19.8	-1.23 + 2.1	7.2/19.7	32033
2002 JT ₂₀	2003 10 23.5	01 50.63 -01 05.2 19.7	-0.91 - 5.3	4.9/20.0	31634
2001 FA ₆	2003 10 23.5	01 50.63 +24 23.2 18.9	-1.07 - 1.5	4.3/26.9	11966
2002 CA ₁₁₂	2003 10 23.5	01 50.66 -23 18.9 19.5	-1.00 -12.6	14.8/09.5	30661
2002 EE ₆₈	2003 10 23.6	01 50.68 +10 30.9 18.2	-1.00 - 6.4	0.4/23.4	50597
1999 VY ₅₅	2003 10 23.6	01 50.68 +11 40.7 17.8	-0.86 - 8.9	0.1/23.7	50435
2001 FC ₁₀₈	2003 10 23.6	01 50.76 +05 01.2 19.5	-0.78 - 5.3	1.9/21.7	35549
2001 HE ₆₁	2003 10 23.6	01 50.81 +07 18.2 19.9	-0.87 - 1.8	1.2/22.6	48030
2001 DE ₁₇	2003 10 23.6	01 50.83 +03 59.4 19.4	-0.95 - 3.3	2.5/21.7	13813
2001 DK ₃₈	2003 10 23.6	01 50.84 -05 39.7 18.4	-0.81 - 6.2	5.3/18.4	33897
1999 TE ₁₁₀	2003 10 23.6	01 50.85 +23 43.4 19.6	-1.12 - 4.1	4.5/27.1	30321
2001 KD ₅₀	2003 10 23.6	01 50.88 +35 29.0 19.2	-0.80 - 5.9	5.4/32.0	23620
2001 FE ₁₂₅	2003 10 23.6	01 50.93 +03 59.2 21.3	-0.82 - 9.0	2.3/21.2	48024
2002 GF ₅₁	2003 10 23.6	01 51.00 +12 18.9 19.2	-1.03 - 4.3	0.4/23.9	48228
1999 RU ₁₅₀	2003 10 23.6	01 51.03 +07 18.5 19.0	-0.99 - 4.7	1.7/22.6	33822
1997 EY ₁₆	2003 10 23.7	01 50.95 +15 07.2 19.1	-0.87 - 8.0	1.5/24.9	47710
2001 FS ₇₂	2003 10 23.7	01 50.95 +10 15.0 18.7	-0.93 - 2.3	0.4/23.4	31944
2001 FO ₂₄	2003 10 23.7	01 51.00 +19 24.2 19.2	-0.85 - 5.2	2.3/26.1	35545
2002 HL ₄	2003 10 23.7	01 51.04 -01 18.0 19.2	-0.98 - 3.0	5.0/20.4	31609
1999 XX ₁₄₄	2003 10 23.7	01 51.08 +05 39.8 20.0	-0.93 - 3.5	2.2/22.2	1556

2002 JP ₆₈	2003 10 23.7	01 51.10 -00 08.0 18.8	-1.05 - 2.9	4.3/20.9	31699
2001 FX ₁₂₈	2003 10 23.7	01 51.13 -02 49.8 19.5	-0.83 - 4.8	4.6/19.5	48025
1997 RF ₅	2003 10 23.7	01 51.25 +33 00.5 19.4	-1.01 - 1.7	6.4/30.0	16761
2001 HL ₂₀	2003 10 23.7	01 51.29 -17 20.3 20.7	-0.74 - 3.1	7.1/14.8	14275
2000 DG ₂₄	2003 10 23.7	01 51.31 +22 58.8 20.0	-0.82 - 3.1	2.9/27.1	37346
1999 XJ ₂₅	2003 10 23.7	01 51.39 -06 40.5 17.4	-1.08 + 2.1	7.5/19.9	13629
2003 QR ₆₃	2003 10 23.7	01 51.39 +12 30.2 16.7	-1.06 + 4.8	0.5/24.0	50317
1999 XF ₆₄	2003 10 23.8	01 51.34 +08 25.6 17.6	-0.83 - 6.3	1.1/22.9	13045
1981 EL ₂₃	2003 10 23.8	01 51.36 +06 32.1 18.4	-0.88 - 6.2	2.0/22.3	12102
1999 RT ₁₅₀	2003 10 23.8	01 51.47 +10 57.1 17.5	-0.92 - 2.8	0.2/23.7	49684
1999 RR ₄₅	2003 10 23.8	01 51.49 +18 26.3 19.2	-1.06 - 3.7	2.6/25.7	50415
1999 PK ₃	2003 10 23.8	01 51.56 +03 14.5 20.0	-1.00 - 4.4	3.0/21.7	31856
1192 T-1	2003 10 23.8	01 51.59 +22 20.0 20.6	-1.04 - 1.8	3.4/26.6	13516
2000 QO ₁₁₇	2003 10 23.8	01 51.60 +41 56.1 17.5	-1.77 + 2.7	14.0/30.7	50482
2001 DV ₇	2003 10 23.8	01 51.62 +13 58.9 19.6	-0.99 - 5.7	1.0/24.6	18312
2001 CD ₄	2003 10 23.8	01 51.76 +12 26.7 18.5	-1.03 - 3.7	0.4/24.1	12284
1998 MV ₂₂	2003 10 23.8	01 51.79 +28 36.3 18.8	-0.91 -14.2	6.3/30.3	16833
1996 XL ₁₉	2003 10 23.9	01 51.76 +12 46.3 19.1	-0.96 - 5.2	0.6/24.3	10310
2002 JV ₁₀₈	2003 10 23.9	01 51.76 +05 06.4 18.4	-0.80 -14.0	2.0/21.6	34004
2000 CS ₁₀	2003 10 23.9	01 51.85 +33 47.5 17.5	-0.91 - 4.9	9.2/31.4	50457
2000 AH ₁₀₅	2003 10 23.9	01 51.92 -18 54.1 17.7	-0.88 - 1.0	11.5/15.6	50453
2000 WS ₈₇	2003 10 23.9	01 51.99 +03 39.5 19.3	-1.06 - 2.3	3.3/22.0	47990
1999 VJ ₇₇	2003 10 23.9	01 52.02 +14 31.4 18.7	-1.00 - 3.7	1.1/24.8	12993
2000 GU ₁₇	2003 10 23.9	01 52.03 +10 02.2 17.9	-0.85 - 3.2	0.5/23.6	27662
2000 YG ₁₉	2003 10 23.9	01 52.11 +10 29.3 19.4	-1.03 - 4.6	0.4/23.7	41677
1981 EO	2003 10 23.9	01 52.12 +28 29.1 18.4	-1.12 - 1.7	5.4/28.4	13529
1997 EQ ₁₆	2003 10 23.9	01 52.13 +04 01.3 20.3	-0.82 - 6.8	2.3/21.7	47710
2000 CZ ₁₃₉	2003 10 24.0	01 52.09 +11 15.8 20.0	-0.80 - 4.4	0.1/23.9	17164
1999 XL ₉₆	2003 10 24.0	01 52.12 -02 57.2 17.5	-1.00 - 0.6	5.5/20.4	14381
2000 XR ₁₇	2003 10 24.0	01 52.13 +09 35.3 17.2	-1.14 + 0.8	0.9/23.6	50510
2000 YN ₇₄	2003 10 24.0	01 52.13 +18 32.5 18.3	-1.04 - 6.5	3.3/26.0	18308
2000 AP ₁₄₅	2003 10 24.0	01 52.18 +29 29.9 18.2	-0.87 - 4.9	5.4/29.6	35506
2001 DE ₈₉	2003 10 24.0	01 52.19 +04 02.3 18.4	-0.83 - 5.8	2.5/21.8	50525
1999 XV ₃₅	2003 10 24.0	01 52.20 +05 44.9 18.7	-0.82 - 6.4	1.9/22.3	47829
1999 XK ₁₁₂	2003 10 24.0	01 52.22 +18 20.3 18.7	-0.92 - 3.2	2.2/25.9	38848
1999 RH ₁₇₆	2003 10 24.0	01 52.24 +09 30.6 18.7	-0.93 - 7.5	0.8/23.4	35480
1998 MA ₅	2003 10 24.0	01 52.25 +18 54.3 19.2	-0.91 - 5.1	2.7/26.2	47732
2000 DY ₁₀₁	2003 10 24.0	01 52.25 +00 09.5 18.0	-0.75 - 4.0	3.6/20.7	33218
2002 JC ₈₉	2003 10 24.0	01 52.28 +11 35.1 19.0	-0.95 - 4.2	0.0/24.1	31722
2001 FK ₁₇	2003 10 24.0	01 52.31 +10 39.5 18.9	-0.85 - 5.7	0.3/23.8	17574
1998 HJ ₈₆	2003 10 24.0	01 52.31 +11 55.9 19.1	-0.96 - 5.0	0.1/24.2	31815
1999 JJ ₇₃	2003 10 24.0	01 52.32 +00 44.4 19.4	-1.07 - 4.0	4.3/21.3	35471
2001 FT ₁₉	2003 10 24.0	01 52.38 +18 09.6 19.0	-0.93 - 3.2	2.3/25.9	48018
2000 DM ₈₈	2003 10 24.0	01 52.46 +06 54.1 18.4	-0.80 - 4.7	1.5/22.7	49793
2001 AE ₁₂	2003 10 24.0	01 52.47 +15 48.8 18.4	-0.93 - 6.5	1.5/25.4	10675
1999 XW ₂₇	2003 10 24.0	01 52.55 -02 01.8 17.8	-0.89 - 3.2	6.4/20.2	50441
1998 RV ₂₂	2003 10 24.1	01 52.49 -01 56.2 18.7	-0.81 - 5.9	4.7/20.0	50390
1999 VG ₅₃	2003 10 24.1	01 52.49 +11 33.1 17.1	-0.96 - 1.9	0.0/24.1	1524
2002 GM	2003 10 24.1	01 52.55 -15 01.1 18.9	-0.94 -17.2	11.4/13.4	30733
2000 AM ₄₅	2003 10 24.1	01 52.57 +31 26.7 20.1	-0.95 - 6.0	6.3/30.3	49775
2002 JN ₁₄₅	2003 10 24.1	01 52.58 -10 24.2 18.8	-0.86 - 5.7	7.7/17.5	34009

2002 HG ₅	2003 10 24.1	01 52.59 -00 20.0 19.2	-0.95 - 6.3	4.4/20.7	32011
1999 NF ₃₅	2003 10 24.1	01 52.61 -13 46.9 17.8	-1.03 - 0.5	10.7/18.0	50412
2001 BR ₇₂	2003 10 24.1	01 52.65 +30 17.1 18.7	-0.97 - 5.6	5.8/30.0	33894
2002 LJ ₆	2003 10 24.1	01 52.66 -12 31.7 19.2	-0.92 + 0.1	10.0/18.2	50612
1999 RA ₁₇₅	2003 10 24.1	01 52.66 +07 19.3 19.1	-0.97 - 5.7	1.5/23.0	47795
2002 LR ₁₁	2003 10 24.1	01 52.69 +00 02.7 20.1	-0.95 - 4.7	3.9/21.0	48239
1999 YA ₇	2003 10 24.1	01 52.71 +24 39.9 17.4	-1.10 + 0.7	5.6/27.1	49772
1995 GF ₈	2003 10 24.1	01 52.78 +13 55.8 18.8	-0.80 - 3.2	0.6/24.8	161
2002 JC ₁₆	2003 10 24.1	01 52.79 +13 04.6 18.7	-1.11 - 0.2	0.6/24.5	31630
2001 FL ₁₅₉	2003 10 24.1	01 52.80 +23 18.1 18.0	-1.16 + 1.6	4.9/26.7	50532
2001 ET ₁₆	2003 10 24.1	01 52.81 +14 49.3 18.9	-0.99 - 4.7	1.4/25.1	49908
2001 AU ₁₅	2003 10 24.1	01 52.83 -05 49.3 19.0	-0.92 - 6.6	6.3/18.8	37534
2001 CA ₁₁	2003 10 24.2	01 52.87 +07 14.2 20.3	-0.96 - 4.6	1.5/23.0	12285
2001 FP ₁₉₂	2003 10 24.2	01 52.95 +15 34.5 19.9	-0.91 - 5.9	1.4/25.4	19932
2002 LH ₄₉	2003 10 24.2	01 52.99 +24 12.7 18.4	-0.80 - 6.2	4.2/28.3	38338
1999 RA ₁₈₂	2003 10 24.2	01 53.04 +24 34.2 19.1	-1.13 - 1.6	5.3/27.5	47795
2002 KD ₉	2003 10 24.2	01 53.07 +10 57.4 18.6	-0.83 - 9.6	0.3/24.0	31763
1998 SF ₁₂	2003 10 24.2	01 53.12 +10 11.0 19.3	-0.82 - 4.5	0.5/23.8	16849
2002 KE ₁₁	2003 10 24.2	01 53.14 +23 50.5 18.5	-0.91 - 9.4	4.5/28.4	50612
2001 FR ₁₇₉	2003 10 24.2	01 53.15 -01 27.8 19.4	-0.94 - 3.2	4.5/20.7	48027
1997 ER ₃₃	2003 10 24.2	01 53.16 +06 12.8 18.1	-0.97 - 4.5	2.1/22.8	33761
2000 DN ₉₁	2003 10 24.2	01 53.20 +10 38.9 18.3	-0.76 - 4.6	0.3/24.0	14212
2002 JO ₁₁₉	2003 10 24.2	01 53.23 -09 41.0 19.1	-0.96 - 1.0	7.7/19.2	48237
1998 SC ₅₃	2003 10 24.2	01 53.26 +12 55.7 18.7	-0.89 - 3.5	0.5/24.6	12897
2001 BO ₇₅	2003 10 24.3	01 53.28 +06 21.0 20.4	-0.94 - 5.3	1.8/22.8	13809
2002 HB ₅	2003 10 24.3	01 53.30 +00 23.3 20.3	-1.00 - 5.7	4.2/21.2	32011
2002 GN ₂₂	2003 10 24.3	01 53.36 +18 22.9 19.4	-1.04 - 5.9	2.5/26.3	33978
1997 TA ₂₆	2003 10 24.3	01 53.43 +15 27.5 18.6	-0.97 + 0.3	1.2/25.2	50379
1999 VL ₂₉	2003 10 24.3	01 53.44 +04 06.5 18.7	-0.95 - 2.1	2.5/22.4	50434
2000 AF ₂₀₈	2003 10 24.3	01 53.53 +03 22.1 18.6	-0.93 - 3.5	3.1/22.2	31894
2001 CN ₉	2003 10 24.3	01 53.55 -15 21.8 18.7	-0.80 - 4.9	8.8/15.8	50521
1999 TY ₁₄₀	2003 10 24.3	01 53.68 +13 11.1 18.2	-0.98 - 3.2	0.5/24.8	12173
1999 SY ₁₄	2003 10 24.3	01 53.68 +20 52.1 19.0	-0.95 - 7.1	3.3/27.2	10903
2002 GD ₈₁	2003 10 24.3	01 53.71 +03 58.5 17.1	-1.04 + 0.6	3.9/22.7	50056
1999 XH ₁₆₇	2003 10 24.4	01 53.66 +14 42.0 18.0	-0.94 + 0.6	1.5/25.1	49767
2001 DP ₉₀	2003 10 24.4	01 53.69 +25 56.4 19.7	-1.06 - 5.0	5.3/28.4	48013
2002 JO ₂₃	2003 10 24.4	01 53.73 +05 35.3 20.4	-1.00 - 5.1	2.2/22.8	48233
2001 DC ₁₀₃	2003 10 24.4	01 53.83 -04 58.6 18.6	-0.83 - 4.0	5.3/19.7	31404
2000 YO ₅₁	2003 10 24.4	01 53.86 +05 45.6 18.0	-0.94 - 4.2	2.9/22.8	49866
1997 GC ₁₇	2003 10 24.4	01 53.89 +16 01.8 19.5	-0.97 - 3.5	1.5/25.6	33761
2001 AV ₃₂	2003 10 24.4	01 53.96 +17 44.8 18.9	-1.05 - 4.0	2.1/26.0	33892
2002 JE ₁₁₀	2003 10 24.4	01 54.02 +15 23.7 19.7	-1.03 - 4.3	1.4/25.5	31736
2000 YK ₃₁	2003 10 24.4	01 54.08 +13 53.7 17.5	-0.92 - 3.9	1.1/25.1	50512
2001 FT ₃₇	2003 10 24.5	01 54.01 +00 06.4 18.7	-0.80 -10.1	4.3/20.6	50528
2000 WN ₆	2003 10 24.5	01 54.02 -33 31.4 18.2	-1.41 + 2.1	18.1/08.3	13796
2000 DC ₂₈	2003 10 24.5	01 54.05 +17 36.5 19.8	-0.77 - 3.6	1.5/26.2	49790
1999 RX ₃₃	2003 10 24.5	01 54.07 -02 50.8 19.2	-0.90 -12.7	5.2/19.6	50415
1999 XT ₁₃₇	2003 10 24.5	01 54.08 +06 44.7 17.6	-1.02 + 1.0	2.3/23.4	1556
2002 KN ₅	2003 10 24.5	01 54.15 +03 12.4 20.8	-0.95 - 4.0	2.9/22.3	33589
2001 AK	2003 10 24.5	01 54.17 +06 30.6 19.3	-0.94 - 4.2	1.9/23.1	33891
1999 VU ₆₇	2003 10 24.5	01 54.17 +01 42.4 18.2	-0.95 - 1.8	3.1/22.0	13622

1997 GC ₁₈	2003 10 24.5	01 54.20 +07 33.9	19.9	-0.84	- 6.3	1.3/23.3	47711
2001 DM ₆₀	2003 10 24.5	01 54.31 +07 40.9	20.2	-0.94	- 5.7	1.4/23.4	13258
1995 FO ₁₇	2003 10 24.5	01 54.33 +03 31.9	19.5	-0.99	- 5.3	3.3/22.3	34688
2001 DB ₁₀₀	2003 10 24.5	01 54.33 +17 42.8	19.9	-1.00	- 6.3	2.3/26.0	48014
2002 NQ ₂₈	2003 10 24.5	01 54.35 +10 58.6	20.3	-0.87	- 5.7	0.2/24.4	35586
1989 TL ₁₈	2003 10 24.5	01 54.38 +16 59.2	17.1	-1.31	+ 4.3	2.9/26.0	50366
2001 FE ₈₇	2003 10 24.5	01 54.38 +02 02.4	19.5	-0.76	- 3.5	2.7/21.8	48022
2002 KD ₁	2003 10 24.5	01 54.43 -07 48.9	18.1	-0.71	-10.0	6.0/17.8	50090
2000 AE ₁₀	2003 10 24.6	01 54.46 -00 37.8	17.6	-1.06	+ 1.3	4.7/22.0	50449
2001 FF ₃₃	2003 10 24.6	01 54.49 +07 08.7	17.6	-0.79	- 9.6	1.5/23.1	50528
1997 GY ₆	2003 10 24.6	01 54.55 +09 49.1	18.8	-1.03	- 0.1	0.7/24.2	47711
1999 RN ₂₀₂	2003 10 24.6	01 54.55 +20 26.4	18.5	-0.93	- 7.2	3.6/27.3	33087
1999 TU ₂₄₂	2003 10 24.6	01 54.57 -01 34.3	18.5	-0.84	- 6.0	5.1/20.6	50430
1999 RF ₆₀	2003 10 24.6	01 54.63 -00 40.3	19.1	-0.94	- 7.8	4.5/21.0	35475
2002 JX ₇	2003 10 24.6	01 54.78 -01 04.2	18.2	-0.92	- 4.7	4.9/21.2	35576
1999 RG ₈₉	2003 10 24.6	01 54.79 +06 27.9	18.8	-0.92	- 7.2	2.0/23.1	33819
2002 LX ₂₀	2003 10 24.6	01 54.82 +35 26.1	17.2	-0.90	- 2.9	8.9/01.1	50093
2000 AR ₁₃₉	2003 10 24.6	01 54.83 -13 08.2	16.8	-0.97	+ 0.9	11.0/18.5	50453
2000 YU ₅₂	2003 10 24.7	01 54.80 +07 53.6	19.6	-0.97	- 4.9	1.3/23.6	47999
2000 JQ ₄₇	2003 10 24.7	01 54.82 +27 58.3	17.2	-0.79	- 7.8	4.9/30.1	38280
2002 NS ₃₃	2003 10 24.7	01 54.83 +22 40.5	17.4	-0.83	- 5.9	3.6/28.1	35587
2002 BR ₁₆	2003 10 24.7	01 54.85 -35 23.5	19.4	-1.06	- 6.7	19.7/06.0	30632
1999 VO ₁₄₂	2003 10 24.7	01 54.86 +09 37.8	19.8	-0.86	- 6.1	0.8/24.1	14151
1999 VJ ₁₈₁	2003 10 24.7	01 54.87 +11 55.2	18.9	-0.93	- 4.5	0.1/24.8	13008
2001 CF	2003 10 24.7	01 54.87 +07 03.8	18.0	-1.03	- 2.5	1.8/23.6	12283
2001 BR ₄₃	2003 10 24.7	01 54.90 +31 02.2	18.3	-1.00	- 5.2	6.4/30.7	50519
1999 RP ₉₃	2003 10 24.7	01 54.92 +08 08.9	18.9	-1.00	- 3.9	1.4/23.8	47791
2001 BT ₃₀	2003 10 24.7	01 54.94 +04 13.2	19.4	-0.96	- 6.6	2.8/22.5	14418
1998 BQ ₂₆	2003 10 24.7	01 54.96 -00 23.3	18.9	-1.03	- 3.5	4.6/21.6	31810
1999 RV ₅₀	2003 10 24.7	01 54.97 +01 07.9	18.8	-1.00	- 4.2	4.4/22.0	50415
2001 KS ₁₁	2003 10 24.7	01 54.98 -08 45.9	19.1	-0.81	- 1.4	5.7/19.1	25898
2000 UL ₈₁	2003 10 24.7	01 55.04 -15 10.6	18.1	-1.27	+ 3.7	10.3/19.9	33885
2002 LE ₅₁	2003 10 24.7	01 55.09 +00 59.3	19.4	-0.97	- 5.1	4.1/21.8	35581
2001 FK ₁₃₀	2003 10 24.7	01 55.11 +14 36.7	19.0	-0.97	- 6.0	1.1/25.6	13843
1996 XE ₉	2003 10 24.7	01 55.15 +20 48.8	17.8	-0.91	- 7.2	4.2/27.6	50376
2001 FE ₁₀₄	2003 10 24.7	01 55.17 +24 15.8	19.5	-1.07	- 3.6	4.8/28.1	17585
1998 FK ₄₈	2003 10 24.7	01 55.21 +11 36.3	17.3	-0.98	- 8.1	0.1/24.7	18160
2002 MN ₃	2003 10 24.8	01 55.15 -07 00.5	20.3	-0.82	- 4.2	6.0/19.3	48240
1999 VH ₁₀₈	2003 10 24.8	01 55.16 +18 05.5	20.0	-0.85	- 7.4	1.9/26.8	12194
2002 EZ ₆	2003 10 24.8	01 55.28 +14 30.8	19.8	-1.06	- 4.6	1.1/26.0	29937
1999 VT ₁₄₅	2003 10 24.8	01 55.28 +09 42.1	20.0	-0.89	- 5.0	0.8/24.2	47823
1998 XM ₅₃	2003 10 24.8	01 55.31 +43 16.7	16.8	-0.95	- 4.4	10.2/04.7	50400
2000 YS ₉	2003 10 24.8	01 55.37 +05 20.1	18.8	-1.00	- 2.8	2.3/23.2	11012
2001 FP ₁₁₇	2003 10 24.8	01 55.38 +03 38.1	20.3	-0.79	- 2.7	2.3/22.6	48024
2002 JB ₂₂	2003 10 24.8	01 55.43 +01 51.3	20.1	-0.97	- 4.6	3.6/22.2	48233
2001 CD ₃₆	2003 10 24.8	01 55.54 +12 35.6	18.3	-1.05	- 2.1	0.3/25.1	12290
2000 AK ₁₉₉	2003 10 24.8	01 55.55 -17 30.0	17.9	-0.97	- 0.6	11.4/16.7	12232
1999 WX ₁₇	2003 10 24.8	01 55.60 +14 27.4	19.4	-0.88	- 6.5	0.9/25.7	47827
2001 FY ₁₉₃	2003 10 24.9	01 55.52 -08 48.9	21.3	-0.82	- 2.9	5.3/19.0	23619
2001 FR ₁₂₁	2003 10 24.9	01 55.59 -03 52.4	18.4	-0.85	- 1.3	5.5/20.9	50531
2001 FF ₁₄₈	2003 10 24.9	01 55.63 +34 39.3	18.1	-1.12	- 1.4	9.0/31.2	50531

2002 LL ₂₄	2003 10 24.9	01 55.70 +01 56.8	19.3	-0.90	- 3.7	3.3/22.3	50613
2001 BZ ₂₅	2003 10 24.9	01 55.74 -08 49.9	20.6	-0.81	- 4.6	5.5/18.7	12274
2002 LN ₁₂	2003 10 24.9	01 55.74 -00 45.4	20.4	-0.89	- 4.1	3.9/21.5	48239
1999 VG ₇₃	2003 10 24.9	01 55.90 +09 02.7	19.2	-0.89	- 7.6	1.1/24.1	11650
1999 RE ₁₂	2003 10 24.9	01 55.92 +14 07.1	19.0	-0.99	- 6.2	1.0/26.0	33816
2002 GO ₂	2003 10 24.9	01 55.92 +16 33.3	21.0	-1.02	- 3.9	1.5/26.2	31990
2002 OG ₁₃	2003 10 24.9	01 55.95 +27 39.4	19.0	-0.83	- 6.0	4.4/30.1	35593
1999 XJ ₁₆₂	2003 10 24.9	01 56.00 +21 01.9	17.3	-1.12	+ 1.9	4.2/26.9	50446
2001 FO ₁₀	2003 10 25.0	01 55.97 +16 49.4	20.0	-0.94	- 4.6	1.6/26.4	13824
2002 LC	2003 10 25.0	01 55.98 -03 14.0	19.6	-0.96	- 4.9	6.4/20.7	48238
2002 JN ₆₇	2003 10 25.0	01 55.98 +27 14.6	20.5	-0.95	- 9.1	5.2/30.2	31699
2001 BG ₈	2003 10 25.0	01 55.98 +14 37.6	17.9	-1.05	- 3.5	1.1/25.7	50518
1999 VG ₄₀	2003 10 25.0	01 56.00 +10 32.4	18.3	-0.81	- 5.0	0.4/24.6	47820
4789 P-L	2003 10 25.0	01 56.01 +12 05.7	19.7	-1.13	- 5.5	11.5/15.0	48387
2002 HJ ₁	2003 10 25.0	01 56.02 -00 29.7	19.1	-0.98	- 4.5	4.3/21.7	30741
2002 GW ₁₀	2003 10 25.0	01 56.02 +02 00.3	18.1	-0.91	-24.0	4.5/21.1	30735
1998 RC ₂₄	2003 10 25.0	01 56.04 +07 31.6	18.8	-0.82	- 6.0	1.6/23.7	47738
1999 XX ₁₆₇	2003 10 25.0	01 56.22 +24 43.4	17.5	-0.93	- 4.8	5.5/28.8	1557
1999 RH ₅₆	2003 10 25.0	01 56.23 +06 21.8	18.6	-1.00	- 5.1	2.1/23.6	29069
1998 SU	2003 10 25.0	01 56.26 +11 24.3	19.0	-0.85	- 3.8	0.2/24.9	25718
1998 SO ₆	2003 10 25.0	01 56.29 +18 21.2	20.0	-0.92	- 3.9	2.2/26.9	47742
1999 XG ₂₂₄	2003 10 25.0	01 56.30 +13 59.3	18.4	-0.86	- 4.7	0.8/25.7	50448
2001 CU ₂₈	2003 10 25.0	01 56.36 -04 33.7	18.9	-0.87	- 3.0	5.3/20.7	38290
1997 LC ₄	2003 10 25.0	01 56.42 -29 08.7	17.6	-1.51	+ 6.6	19.5/16.5	33761
2000 YZ ₄₁	2003 10 25.1	01 56.30 +03 26.3	18.2	-1.01	- 5.1	3.4/22.8	50512
1999 CZ ₁₇	2003 10 25.1	01 56.32 +26 01.8	18.0	-0.91	- 1.7	4.6/28.9	50402
1999 JC ₁₂₀	2003 10 25.1	01 56.36 +13 20.7	17.8	-0.97	- 9.1	0.6/25.6	50410
2002 GE ₇₄	2003 10 25.1	01 56.37 +16 23.3	17.4	-1.00	- 8.0	2.0/26.5	50603
1999 VD ₁₇₉	2003 10 25.1	01 56.41 -11 56.8	17.9	-0.96	- 0.8	9.7/18.7	50439
2001 HL ₂₂	2003 10 25.1	01 56.41 -08 28.8	20.3	-0.92	- 2.8	6.4/19.4	48029
2001 DA ₉₉	2003 10 25.1	01 56.45 +31 11.4	21.1	-1.05	- 3.6	5.8/30.5	48014
2001 FE ₅₄	2003 10 25.1	01 56.46 +16 39.2	19.0	-1.33	+ 2.9	1.6/26.0	13832
2002 JE ₁₀₄	2003 10 25.1	01 56.46 +08 36.9	19.7	-0.95	- 4.3	1.2/24.2	48236
2002 JN ₄₀	2003 10 25.1	01 56.47 +17 47.8	17.2	-0.94	- 8.6	2.6/27.0	50078
2001 EC ₉	2003 10 25.1	01 56.56 +03 44.6	19.4	-0.89	- 5.6	3.0/22.8	48015
2002 FH ₅	2003 10 25.1	01 56.59 -01 10.3	20.4	-1.00	- 4.6	4.1/21.6	33974
2000 CE ₈₅	2003 10 25.1	01 56.61 +08 14.8	19.7	-0.79	- 4.1	1.0/24.1	4557
2002 QF ₄₂	2003 10 25.1	01 56.66 +31 55.1	18.4	-0.93	- 2.3	5.7/31.0	50629
1999 TS ₃₁₇	2003 10 25.1	01 56.72 +12 00.3	20.2	-0.96	- 6.4	0.0/25.2	31872
2001 AA ₂₆	2003 10 25.1	01 56.74 +18 28.8	19.0	-1.12	- 1.5	2.4/26.7	12269
2000 YY ₁₀₉	2003 10 25.2	01 56.71 -00 32.7	18.9	-0.98	- 3.4	4.6/21.9	9546
2001 FM ₇₉	2003 10 25.2	01 56.73 +23 51.1	19.2	-0.84	- 5.4	3.5/28.9	48022
2001 FA ₁₀₁	2003 10 25.2	01 56.83 +35 34.5	20.0	-1.08	- 3.7	8.1/01.2	35051
2002 ES ₈₈	2003 10 25.2	01 56.87 +07 15.6	20.7	-1.05	- 5.1	1.8/24.0	48221
1999 VP ₅	2003 10 25.2	01 56.89 +10 14.9	18.3	-0.91	- 4.6	0.7/24.8	50433
2001 HY ₂₂	2003 10 25.2	01 56.91 -12 05.9	20.9	-0.77	- 1.7	5.7/18.5	15098
1996 HC ₂₁	2003 10 25.2	01 56.95 +06 39.8	18.5	-0.84	- 1.8	1.4/23.9	13546
1999 RD	2003 10 25.2	01 56.98 -15 15.6	19.4	-0.92	- 7.6	8.8/16.5	31856
2001 CH ₁₈	2003 10 25.2	01 57.01 +13 08.6	17.9	-0.97	- 5.1	0.5/25.6	31938
2001 FV ₆₂	2003 10 25.2	01 57.04 +26 06.5	18.1	-1.08	+ 0.3	4.3/28.7	33903
2000 HF ₈₄	2003 10 25.3	01 57.07 -14 51.3	19.2	-0.81	- 2.1	7.7/17.3	31909

2002 JD ₇₄	2003 10 25.3	01 57.07 +05 56.1 18.6	-0.75 - 6.6	1.9/23.4	48235
2002 JU ₁₃	2003 10 25.3	01 57.10 +02 36.6 19.5	-0.73 -10.1	2.7/22.1	33562
2000 HS ₈₃	2003 10 25.3	01 57.11 -15 06.2 17.6	-0.89 - 0.3	8.9/17.8	2519
2000 CU ₁₁₀	2003 10 25.3	01 57.16 +26 22.8 18.4	-0.88 - 4.1	4.5/29.6	33209
2000 AJ ₇	2003 10 25.3	01 57.23 +18 27.7 18.3	-0.93 - 3.7	2.4/27.1	50449
2001 DF ₄₄	2003 10 25.3	01 57.27 +01 43.3 19.2	-0.83 - 5.8	3.4/22.3	11884
2000 GK ₂₀	2003 10 25.3	01 57.39 +17 23.4 18.1	-0.98 - 0.8	2.0/26.7	7020
2000 AT ₁₉₅	2003 10 25.3	01 57.44 -00 39.1 18.4	-0.74 - 8.2	5.2/21.1	47845
2001 AA ₁₄	2003 10 25.3	01 57.44 +04 33.8 19.8	-1.01 - 4.6	3.0/23.4	48003
2002 GQ ₇₃	2003 10 25.3	01 57.49 +00 03.2 18.8	-0.94 - 6.8	4.8/21.9	31542
1999 XX ₈	2003 10 25.3	01 57.53 -41 22.4 18.8	-1.55 +10.7	21.7/12.3	40404
2001 CY ₄	2003 10 25.3	01 57.53 +12 11.5 17.9	-1.07 - 3.6	0.1/25.4	48008
2000 AB ₂₃	2003 10 25.4	01 57.43 +03 08.0 17.6	-0.89 - 2.1	3.7/23.1	50450
1999 MX	2003 10 25.4	01 57.52 +08 36.1 18.5	-0.96 - 7.2	1.4/24.4	29045
2002 LM ₄₇	2003 10 25.4	01 57.59 -04 11.1 18.7	-0.80 - 6.4	5.3/20.5	33626
2001 HX ₅₇	2003 10 25.4	01 57.62 -04 37.1 19.6	-0.88 - 2.3	4.9/21.0	13858
1999 VT ₇₁	2003 10 25.4	01 57.68 +11 12.7 18.3	-0.88 - 5.9	0.3/25.2	50436
2003 QK ₄₂	2003 10 25.4	01 57.81 +10 22.3 17.0	-0.74 - 4.3	0.9/25.0	50309
1999 XF ₆₂	2003 10 25.4	01 57.82 +07 31.7 19.9	-0.92 - 3.1	1.5/24.3	13044
2002 ON ₁₈	2003 10 25.4	01 57.84 +22 59.4 18.2	-0.79 - 5.1	3.1/28.8	50615
2001 BU ₃₁	2003 10 25.4	01 57.91 +35 26.9 17.9	-1.10 - 3.7	8.1/01.5	50518
2002 GS ₁	2003 10 25.5	01 57.83 -08 20.3 18.4	-0.80 - 6.6	6.3/19.3	35575
1999 LL ₃₄	2003 10 25.5	01 57.83 +03 06.5 19.0	-1.03 - 4.2	3.5/23.2	47784
1979 HA	2003 10 25.5	01 57.83 -03 07.9 17.7	-1.16 + 1.0	5.0/22.3	12102
1999 KM ₁₀	2003 10 25.5	01 57.85 +09 27.3 19.5	-1.12 - 3.4	1.1/24.9	47783
2001 ET ₈	2003 10 25.5	01 57.90 +11 03.9 19.4	-0.89 - 4.0	0.3/25.3	48015
1998 KS ₁₂	2003 10 25.5	01 57.92 +15 00.9 19.6	-0.96 - 5.7	1.0/26.4	16828
2001 FA ₁₇₀	2003 10 25.5	01 57.99 +35 34.6 19.1	-1.13 - 1.7	8.7/32.0	48026
1999 XS ₂₀₀	2003 10 25.5	01 58.01 +30 59.8 18.9	-0.95 - 4.6	5.8/31.2	35498
2002 JG ₇₅	2003 10 25.5	01 58.05 +24 13.6 19.2	-0.90 - 8.7	3.9/29.6	34001
2000 YH ₅₆	2003 10 25.5	01 58.10 +08 37.9 18.9	-0.98 - 6.3	1.5/24.6	47999
1999 US ₂₇	2003 10 25.5	01 58.12 +11 50.2 19.1	-0.96 - 6.0	0.1/25.5	8457
1999 RZ ₁₃₀	2003 10 25.5	01 58.12 +21 27.7 17.8	-0.95 - 7.3	4.0/28.4	50418
3009 P-L	2003 10 25.5	01 58.15 +26 58.4 18.7	-0.88 - 4.0	5.2/30.0	34057
2001 AR ₁₆	2003 10 25.5	01 58.15 +23 46.2 18.8	-1.00 - 5.0	3.9/28.9	33891
2002 JR ₅₁	2003 10 25.5	01 58.17 +10 52.4 19.6	-1.01 - 4.0	0.4/25.3	32022
1999 JA ₆₄	2003 10 25.5	01 58.18 +08 31.1 19.7	-1.02 - 7.3	1.3/24.6	47780
2001 CO ₃₈	2003 10 25.5	01 58.19 +00 00.3 19.9	-1.00 - 2.3	3.9/22.5	18312
2002 FG ₁₀	2003 10 25.5	01 58.20 +06 19.3 18.8	-0.99 - 5.1	2.2/24.0	35574
1999 VJ ₁₈₆	2003 10 25.5	01 58.21 +06 02.5 19.6	-0.93 - 4.4	2.2/23.9	47825
1998 BS ₅	2003 10 25.6	01 58.30 +01 43.2 19.9	-0.98 - 5.3	3.8/22.8	47722
1999 TE ₂₈₆	2003 10 25.6	01 58.36 +23 19.8 19.7	-1.03 - 4.9	4.3/28.8	33834
1999 XT ₂₃₆	2003 10 25.6	01 58.37 +16 35.0 17.5	-0.90 - 5.2	1.8/26.9	50448
2001 HC ₄₅	2003 10 25.6	01 58.40 +17 07.3 17.4	-0.94 - 1.1	1.7/26.9	49918
2000 YF ₉₁	2003 10 25.6	01 58.41 +11 42.2 19.6	-0.98 - 4.6	0.1/25.5	9529
2001 BT ₃₂	2003 10 25.6	01 58.43 +10 42.3 18.0	-0.98 - 6.3	0.6/25.3	12275
1998 DN ₃₅	2003 10 25.6	01 58.65 +13 17.9 18.4	-1.05 - 5.3	0.5/26.0	33764
2002 JK ₁₉	2003 10 25.6	01 58.65 +02 35.7 20.1	-1.00 - 4.4	3.7/23.2	48233
1999 LY ₇	2003 10 25.7	01 58.58 +01 12.1 19.8	-1.07 - 4.2	4.3/23.0	33814
1999 CB ₇	2003 10 25.7	01 58.62 -35 29.8 18.4	-1.07 - 3.1	20.6/06.0	47765
1999 RO ₂₉	2003 10 25.7	01 58.64 +02 25.3 17.9	-0.58 -18.0	4.5/21.7	50414

2001 AT ₂₄	2003 10 25.7	01 58.65 -00 15.9 17.5	-1.03 - 1.5	5.7/22.7	50517
2000 GO ₁₉	2003 10 25.7	01 58.72 +10 48.5 18.4	-0.76 - 6.5	0.4/25.3	35527
2001 FU ₁₀₉	2003 10 25.7	01 58.73 +18 21.2 19.6	-0.93 - 5.0	2.1/27.5	12075
2000 QP ₁₄₇	2003 10 25.7	01 58.81 -16 11.5 19.1	-0.89 -18.1	12.3/13.9	50483
2002 JH ₅₁	2003 10 25.7	01 58.84 +11 00.0 18.4	-1.08 - 3.2	0.4/25.5	31676
2001 CZ ₂₀	2003 10 25.7	01 58.92 +10 00.7 20.5	-1.03 - 7.4	0.8/25.2	13810
2000 XL ₁₀	2003 10 25.7	01 58.92 +02 13.8 18.6	-1.10 + 0.2	3.6/23.6	33888
2002 JM ₁₁₂	2003 10 25.7	01 58.94 +10 13.9 20.8	-0.99 - 4.3	0.6/25.3	48236
1995 FG ₄	2003 10 25.7	01 58.95 -04 18.3 20.5	-0.71 - 6.1	4.6/20.6	47695
2002 EC ₉₈	2003 10 25.7	01 58.95 +04 38.3 19.7	-1.03 - 4.3	2.8/23.8	48222
1999 RC ₁₁	2003 10 25.7	01 58.95 +11 07.7 19.1	-1.05 - 4.3	10.1/15.0	31857
1996 YR ₁	2003 10 25.7	01 58.97 +23 42.6 18.5	-1.02 - 4.7	4.5/29.0	47708
1997 GO ₄₀	2003 10 25.7	01 58.99 +08 49.9 20.0	-0.92 - 3.9	1.1/24.9	13552
1999 XJ ₆₆	2003 10 25.7	01 59.02 +01 49.1 18.7	-0.94 - 2.0	4.0/23.2	12210
2002 GY ₁₃	2003 10 25.7	01 59.03 +11 41.0 19.2	-1.01 - 4.2	10.7/15.0	38334
2000 GE ₂₆	2003 10 25.8	01 58.97 +13 31.9 19.2	-0.81 - 2.7	0.4/26.2	26948
1999 RC ₁₂₃	2003 10 25.8	01 59.01 +13 27.7 18.2	-0.94 - 7.8	0.5/26.2	47792
2001 FU ₅₅	2003 10 25.8	01 59.01 +05 39.8 19.8	-0.97 - 3.4	2.3/24.1	13309
2000 CG ₅₂	2003 10 25.8	01 59.01 +17 39.2 18.9	-0.80 - 4.2	1.5/27.4	706
2001 BK ₇₂	2003 10 25.8	01 59.02 -12 06.6 18.5	-0.80 - 3.5	7.1/18.7	35540
2001 AE ₄₇	2003 10 25.8	01 59.12 -22 22.0 20.5	-1.06 + 0.3	9.6/16.7	12271
2001 FT ₄₈	2003 10 25.8	01 59.12 +20 26.5 17.3	-0.99 + 0.1	2.6/27.8	50528
1999 TN ₁₁₇	2003 10 25.8	01 59.14 +17 20.2 18.3	-0.96 - 5.8	2.0/27.3	12171
2001 DC ₆₆	2003 10 25.8	01 59.39 +14 45.9 18.5	-1.00 - 5.7	1.0/26.6	12301
2000 AX ₃₀	2003 10 25.9	01 59.36 +33 01.8 18.6	-1.01 - 3.3	6.9/31.8	33178
2001 DW ₁₄	2003 10 25.9	01 59.38 +09 51.1 20.6	-0.94 - 5.7	0.8/25.3	12294
2001 DB ₉₂	2003 10 25.9	01 59.41 +07 36.1 18.7	-0.81 - 9.7	1.6/24.4	50525
1999 XB ₂₀₉	2003 10 25.9	01 59.41 +36 02.1 17.4	-1.04 - 3.7	9.6/02.4	49769
1999 NR ₄₂	2003 10 25.9	01 59.43 +20 01.1 18.8	-1.10 - 4.8	3.0/28.0	50412
1999 XV ₁₁₇	2003 10 25.9	01 59.46 +25 57.6 18.9	-0.92 - 8.1	4.5/30.4	33847
1999 RO ₁₈₂	2003 10 25.9	01 59.52 +21 07.6 18.7	-1.06 - 3.9	3.4/28.3	47795
2002 PC ₂₇	2003 10 25.9	01 59.53 +25 41.9 19.4	-0.85 - 3.7	3.9/29.9	35250
2002 GL ₇₉	2003 10 25.9	01 59.56 +17 51.8 19.2	-1.12 - 5.3	2.3/27.5	50603
1999 JK ₁₂₃	2003 10 25.9	01 59.57 +08 49.1 18.9	-1.10 - 4.1	1.3/25.1	31855
2000 EQ ₈₂	2003 10 25.9	01 59.58 -06 50.5 18.8	-0.72 - 5.2	5.5/20.0	35521
1997 SV ₁₃	2003 10 25.9	01 59.61 +19 21.9 20.3	-0.79 - 3.7	2.0/28.0	46332
2002 EM ₉	2003 10 25.9	01 59.66 +15 15.7 19.6	-1.07 - 4.9	1.3/26.8	29939
2002 JH ₁₁₆	2003 10 25.9	01 59.68 +24 15.7 19.0	-1.04 - 7.1	4.2/29.6	31741
2000 AL ₁₅₀	2003 10 25.9	01 59.68 +19 30.4 18.0	-0.83 - 7.9	2.7/28.3	27658
1999 RK ₆₀	2003 10 25.9	01 59.68 -12 35.8 18.0	-0.68 - 4.8	12.5/17.3	49678
1999 VC ₆₇	2003 10 25.9	01 59.69 +07 34.7 18.8	-0.94 - 3.5	1.7/24.8	13622
2002 PK ₄	2003 10 25.9	01 59.75 -14 28.7 20.9	-0.71 - 5.4	7.0/17.3	50616
2001 BC ₄₄	2003 10 25.9	01 59.78 -06 45.5 20.1	-0.84 - 5.8	6.2/20.2	48006
1999 TU ₁₉₅	2003 10 25.9	01 59.79 +24 22.6 18.6	-0.95 - 5.9	3.9/29.6	35483
1998 WQ ₃₃	2003 10 26.0	01 59.75 +14 04.1 18.2	-0.78 - 7.3	0.7/26.6	46348
2000 YT ₆₃	2003 10 26.0	01 59.77 +24 43.0 18.1	-1.04 - 4.5	5.6/29.5	50513
2002 PX ₂₁	2003 10 26.0	01 59.78 +16 29.2 19.3	-0.76 - 4.9	1.2/27.3	35248
2000 YE ₁₁₃	2003 10 26.0	01 59.80 +25 43.9 19.1	-1.03 - 4.9	6.3/29.9	48002
2001 HO ₄₃	2003 10 26.0	01 59.81 +13 41.8 20.2	-0.78 - 3.4	0.4/26.4	46527
1998 XC ₇	2003 10 26.0	01 59.91 +11 58.6 19.6	-0.78 - 5.0	0.1/26.0	34756
1999 XY ₂₀₉	2003 10 26.0	01 59.92 +08 14.7 17.7	-1.00 - 0.5	1.4/25.1	50447

2003 OCT. 10

M.P.C. 49819

1999 XO ₂₃₁	2003 10 26.0	02 00.04	-00 36.1	18.3	-0.80	- 1.9	3.4/22.7	50448
1999 XC ₅₀	2003 10 26.0	02 00.06	+13 03.7	18.3	-0.90	- 5.3	0.3/26.3	347
2002 JR ₃₃	2003 10 26.0	02 00.08	+07 53.9	19.8	-0.94	- 4.9	1.5/24.9	31651
1998 WH ₅	2003 10 26.0	02 00.15	-08 13.2	18.6	-0.70	- 8.4	5.6/18.9	47757
2001 DA ₈₉	2003 10 26.0	02 00.16	+12 22.8	19.5	-0.99	- 4.5	0.1/26.1	48013
2001 FY ₁₆₃	2003 10 26.1	02 00.26	+09 05.8	18.8	-0.86	- 4.9	1.2/25.2	27194
2000 DB ₆₅	2003 10 26.1	02 00.29	+10 43.6	19.6	-0.80	- 4.7	0.5/25.7	47857
2000 DD ₂₈	2003 10 26.1	02 00.35	+29 10.7	19.5	-0.92	- 2.5	5.3/31.0	37348
2001 FB ₁₄₁	2003 10 26.1	02 00.45	+10 29.9	19.9	-0.81	- 6.2	0.5/25.6	48025
2002 NB ₃₅	2003 10 26.2	02 00.56	-00 53.5	18.7	-0.74	- 6.2	4.0/22.1	35587
2001 FZ ₁₀₂	2003 10 26.2	02 00.58	+12 18.1	19.1	-0.99	- 6.0	0.0/26.2	17584
1998 WB ₃₆	2003 10 26.2	02 00.61	+07 33.9	20.6	-0.87	- 2.0	1.4/25.0	47758
2000 DN ₁₀₅	2003 10 26.2	02 00.64	+06 49.6	18.1	-0.80	- 2.7	1.8/24.8	50463
2000 CB ₅₁	2003 10 26.2	02 00.70	+36 42.5	19.6	-0.95	- 2.6	6.6/02.5	47850
1999 XP ₁₆₃	2003 10 26.2	02 00.79	-08 37.5	19.7	-0.79	- 2.7	6.1/20.5	33849
2002 EB ₈₉	2003 10 26.2	02 00.80	+10 56.3	18.4	-1.08	- 3.3	0.5/25.9	30043
2001 FA ₁₄	2003 10 26.2	02 00.82	+12 05.9	18.8	-1.04	- 4.1	0.1/26.2	13825
1999 VN ₂₁₆	2003 10 26.2	02 00.84	+16 41.0	18.5	-1.05	- 2.8	1.7/27.4	29188
1999 UG ₃₉	2003 10 26.2	02 00.88	+23 54.6	18.2	-0.88	-10.4	4.3/30.2	50432
2000 YB ₁₃₂	2003 10 26.2	02 00.90	+23 22.9	19.1	-1.00	- 6.3	4.8/29.5	12267
1999 XA ₁₄₅	2003 10 26.2	02 00.92	+14 01.8	20.2	-0.90	- 5.8	0.5/26.8	47833
1995 UB ₃	2003 10 26.2	02 00.92	+52 44.1	18.1	-1.79	+ 3.7	21.0/07.0	50373
1999 TY ₂₉₄	2003 10 26.3	02 00.88	+17 26.7	18.2	-0.92	- 8.3	2.2/27.9	29151
1997 LA ₆	2003 10 26.3	02 00.89	-17 12.6	17.6	-0.89	- 0.3	11.6/18.0	50378
1998 OL ₁₁	2003 10 26.3	02 00.93	+35 41.2	18.1	-1.02	- 2.5	9.7/02.4	30273
2000 AV ₁₅	2003 10 26.3	02 00.98	+32 40.1	18.0	-0.94	- 7.2	7.6/02.2	50450
2001 HO ₁₃	2003 10 26.3	02 01.03	+09 24.6	19.2	-0.73	- 6.4	0.8/25.4	35552
1993 FA ₂₉	2003 10 26.3	02 01.04	+25 46.3	18.9	-1.06	- 2.2	4.3/29.8	13537
2001 AS ₄₇	2003 10 26.3	02 01.07	-36 05.3	17.9	-1.42	+ 7.2	22.0/11.0	12271
2002 GZ ₂₄	2003 10 26.3	02 01.10	+10 59.4	19.5	-1.08	- 4.5	0.6/26.0	31505
1999 SD ₁₂	2003 10 26.3	02 01.11	+09 08.6	18.4	-0.99	- 4.0	1.1/25.5	33825
2001 FK ₂₆	2003 10 26.3	02 01.13	+25 52.9	18.0	-0.93	- 2.5	4.0/30.1	37559
2000 AZ ₁₀₃	2003 10 26.3	02 01.30	+01 52.4	19.7	-0.89	- 6.1	3.9/23.3	33186
1999 RZ ₁₁₈	2003 10 26.3	02 01.32	+07 32.8	18.5	-0.84	-12.0	2.0/24.8	50417
2002 OM ₁₅	2003 10 26.3	02 01.32	+12 07.8	18.9	-0.72	- 6.4	0.1/26.3	48243
2001 DH ₁₀₂	2003 10 26.4	02 01.27	-00 30.0	19.8	-0.91	- 3.4	4.3/23.0	11921
2001 ER ₁₈	2003 10 26.4	02 01.30	+27 39.5	19.0	-1.10	- 1.4	5.3/30.3	17569
2001 BT ₇	2003 10 26.4	02 01.33	+08 19.5	19.1	-1.03	- 3.5	1.7/25.4	48005
1996 TB ₃₆	2003 10 26.4	02 01.34	+13 17.0	19.5	-1.13	- 3.4	0.4/26.6	47705
4092 T-2	2003 10 26.4	02 01.37	+16 18.4	17.8	-0.98	+ 1.3	1.8/27.3	50811
2002 JZ ₇₇	2003 10 26.4	02 01.37	+16 46.3	18.3	-1.14	- 1.6	2.0/27.5	50082
1998 SN ₁₅₆	2003 10 26.4	02 01.39	+14 08.9	18.2	-0.88	- 4.1	0.6/26.9	35635
1999 RE ₁₄₅	2003 10 26.4	02 01.43	+21 47.7	18.7	-0.97	- 6.7	4.0/29.2	50418
2001 FT ₁₈₀	2003 10 26.4	02 01.45	+07 54.2	18.0	-0.88	- 1.4	1.4/25.3	22774
2000 FY ₁₅	2003 10 26.4	02 01.46	+04 50.7	18.8	-0.77	- 3.1	2.1/24.4	35525
2001 HE ₂	2003 10 26.4	02 01.46	+07 42.2	18.6	-1.02	- 0.8	1.6/25.4	13401
2000 GN ₉₂	2003 10 26.4	02 01.51	+11 58.5	18.9	-0.76	- 4.3	0.1/26.3	1606
1999 TC ₆₄	2003 10 26.4	02 01.55	+14 01.3	19.4	-0.94	- 4.1	0.8/26.9	10907
2002 PE ₆₆	2003 10 26.4	02 01.56	+04 41.7	19.3	-0.76	- 4.7	2.2/24.2	50098
2001 KO ₅₆	2003 10 26.4	02 01.60	-09 39.4	18.1	-0.88	+ 0.2	7.0/21.1	15102
2000 WN ₁₇₃	2003 10 26.4	02 01.62	+44 18.7	18.2	-1.17	-10.2	12.6/06.9	12257

1999 TE ₁₅₂	2003 10 26.4	02 01.67	+05 06.7	18.2	-0.92	- 4.6	2.8/24.5	12173
2001 FR ₂₉	2003 10 26.4	02 01.67	-06 21.2	19.2	-0.80	- 5.7	5.9/20.7	33902
2001 FG ₅₃	2003 10 26.4	02 01.71	+13 23.1	19.1	-0.80	- 3.5	0.3/26.8	35546
1999 TG ₁₇₂	2003 10 26.4	02 01.71	+06 05.1	19.0	-0.94	- 2.7	2.7/24.9	50427
1999 RK ₂₁₄	2003 10 26.4	02 01.73	+04 33.4	17.7	-0.98	- 1.8	3.5/24.6	50421
1999 RO ₉₁	2003 10 26.5	02 01.71	+08 50.2	16.9	-0.86	- 4.9	1.7/25.5	50416
2001 FN ₅₂	2003 10 26.5	02 01.83	+21 37.1	20.0	-0.88	- 2.7	2.5/29.1	48020
1999 XX ₂₄₈	2003 10 26.5	02 01.86	-15 29.5	18.3	-0.90	- 0.8	10.9/19.0	50448
2002 JY ₂₃	2003 10 26.5	02 01.88	+08 48.3	19.1	-0.96	- 5.6	1.2/25.6	33997
1999 TD ₁₀₈	2003 10 26.5	02 01.89	+22 26.4	18.4	-0.98	- 5.6	4.3/29.5	50425
2000 AR ₁₁₈	2003 10 26.5	02 01.89	-12 37.0	17.8	-0.74	- 3.8	6.9/19.0	38237
2001 FU ₁₄₃	2003 10 26.5	02 01.91	+06 17.7	20.4	-0.84	- 2.6	1.7/24.9	16094
2002 JW ₄₁	2003 10 26.5	02 01.92	+12 59.3	19.4	-0.98	- 6.4	0.2/26.7	35577
1999 XV ₁₃₅	2003 10 26.5	02 01.93	-31 42.2	17.5	-1.01	+ 4.1	17.1/15.2	33848
2002 JV ₁₁	2003 10 26.5	02 01.94	+08 21.4	19.2	-0.98	- 2.7	1.5/25.6	32015
2002 KN ₂	2003 10 26.5	02 01.98	+07 54.1	18.2	-0.87	- 8.7	2.0/25.2	50612
1999 RG ₆₁	2003 10 26.5	02 02.02	+27 37.9	19.0	-1.11	- 3.3	6.3/30.6	12931
2000 CE ₁₀₀	2003 10 26.5	02 02.04	+31 56.6	19.4	-0.87	- 3.3	5.1/01.5	34889
2000 DD ₈₃	2003 10 26.5	02 02.05	-05 56.5	18.6	-0.78	- 4.4	6.0/21.1	47859
2000 EQ ₇₅	2003 10 26.5	02 02.09	+06 58.3	19.0	-0.82	- 3.8	1.7/25.1	5721
2000 BN ₂₄	2003 10 26.6	02 02.07	+00 32.1	18.9	-0.85	- 1.7	3.6/23.5	33860
2002 PO ₁₆₄	2003 10 26.6	02 02.07	+32 39.8	18.6	-1.08	- 2.3	7.0/32.0	50102
1999 RF ₁₇₇	2003 10 26.6	02 02.10	+07 51.6	18.6	-0.95	- 6.6	1.7/25.3	50419
1994 PJ ₁₂	2003 10 26.6	02 02.10	+14 00.6	17.8	-0.86	- 5.5	0.7/27.1	50370
1998 HG ₁₀₅	2003 10 26.6	02 02.12	+03 49.9	18.5	-1.00	- 4.2	3.2/24.4	35446
2000 GU ₈₃	2003 10 26.6	02 02.13	-06 57.3	19.3	-0.72	- 5.6	5.5/20.4	47880
2001 HO ₃	2003 10 26.6	02 02.14	+05 44.2	18.5	-0.95	- 1.5	2.2/25.0	50533
1999 LD ₂₆	2003 10 26.6	02 02.17	-08 38.1	20.0	-1.09	- 1.4	8.3/21.9	29044
2001 FD ₄₃	2003 10 26.6	02 02.17	+05 56.6	20.0	-0.77	- 7.7	2.0/24.6	14421
2000 YP ₉₇	2003 10 26.6	02 02.19	-09 39.2	18.4	-0.88	- 3.7	7.1/20.5	33890
2001 HM ₁₈	2003 10 26.6	02 02.29	+04 24.2	19.7	-1.44	+ 4.1	3.6/25.3	14430
2000 AW ₉₁	2003 10 26.6	02 02.37	+21 33.0	19.1	-0.77	- 4.1	2.2/29.4	47841
2002 PO ₉₀	2003 10 26.6	02 02.39	+03 30.3	18.9	-0.75	- 9.0	2.6/23.7	50099
2002 GS ₄	2003 10 26.6	02 02.40	-05 17.7	16.9	-0.82	-25.8	8.2/19.1	30122
1995 FH ₅	2003 10 26.6	02 02.45	+42 17.8	18.0	-1.83	+ 5.0	13.7/02.2	50372
1999 UM ₂₂	2003 10 26.6	02 02.47	+12 34.2	19.7	-0.86	-11.1	0.0/26.7	33122
2001 FX ₈₁	2003 10 26.6	02 02.50	+29 23.4	21.4	-1.08	- 2.6	5.3/31.0	13837
2000 HF ₃₄	2003 10 26.7	02 02.42	+18 45.9	18.2	-0.96	- 0.5	1.9/28.2	34952
2000 DO ₄₃	2003 10 26.7	02 02.49	+09 34.3	19.3	-0.79	- 4.2	0.9/25.9	50461
2001 FD ₉₉	2003 10 26.7	02 02.49	+33 39.7	20.4	-1.44	+ 3.5	7.3/30.7	48023
2001 FY ₂₁	2003 10 26.7	02 02.52	+05 48.6	17.8	-0.90	- 0.7	2.2/25.1	50527
1997 AV ₃	2003 10 26.7	02 02.53	+10 16.1	17.1	-0.86	- 6.9	1.1/26.1	50377
1996 SG ₈	2003 10 26.7	02 02.59	+12 32.7	18.2	-1.03	- 5.1	0.0/26.8	50376
1999 RB ₁₁₁	2003 10 26.7	02 02.63	+14 23.8	17.9	-0.93	- 8.6	0.7/27.3	50417
2000 FB ₄₃	2003 10 26.7	02 02.71	+17 40.6	18.7	-0.92	- 1.6	1.7/28.1	35526
1999 TU ₁₇₆	2003 10 26.7	02 02.72	+13 59.1	18.0	-1.23	+ 1.8	0.5/27.1	14375
2000 XE ₂₇	2003 10 26.7	02 02.72	+13 11.0	17.4	-1.15	- 1.0	0.3/26.9	29614
1999 RC ₁₅₂	2003 10 26.7	02 02.76	+18 49.9	20.7	-1.10	- 3.8	2.6/28.4	47794
2001 FT ₆₉	2003 10 26.7	02 02.76	-01 35.5	19.6	-0.76	- 5.7	4.2/22.5	33904
1996 UO ₁	2003 10 26.7	02 02.79	+17 01.9	18.4	-1.00	- 8.0	1.8/28.1	31221
2002 JO ₉₄	2003 10 26.7	02 02.80	+03 59.3	18.7	-1.04	+ 0.5	3.3/25.0	34002

2001 DQ ₆₂	2003 10 26.7	02 02.84 +08 05.2 20.1	-0.95	- 5.6	1.6/25.6	33375
1999 TU ₄₃	2003 10 26.7	02 02.86 +17 31.1 19.5	-1.06	- 3.3	2.1/28.1	12947
1999 TH ₁₉₈	2003 10 26.7	02 02.91 +08 46.9 17.7	-1.27	+ 4.3	1.5/26.2	50428
2000 GX ₁₁₂	2003 10 26.8	02 02.83 +09 54.5 17.9	-0.80	- 3.9	0.8/26.1	35529
2002 CE ₁₂	2003 10 26.8	02 02.88 +35 33.2 19.8	-1.80	+ 3.2	10.7/31.0	30637
1999 XQ ₁₃₇	2003 10 26.8	02 02.90 +34 44.3 17.7	-0.93	- 5.8	9.1/03.0	50445
1999 RW ₂₂₁	2003 10 26.8	02 02.91 +16 08.9 19.7	-1.05	- 5.3	1.4/27.8	33824
2001 FZ ₇₁	2003 10 26.8	02 02.99 +07 00.0 19.3	-0.94	- 5.6	2.2/25.3	48021
1999 RC ₁₆₉	2003 10 26.8	02 03.01 +09 50.0 17.6	-0.92	- 6.4	1.1/26.1	35479
1997 CL ₂₃	2003 10 26.8	02 03.02 +17 09.4 20.0	-0.99	- 4.1	2.1/28.1	34695
2000 AM ₁₈₇	2003 10 26.8	02 03.17 -14 09.3 18.7	-0.88	- 3.2	8.9/19.0	50454
1999 UJ ₁₁	2003 10 26.8	02 03.26 +05 50.7 17.5	-1.33	+11.1	3.5/26.3	40385
2000 YC ₄₄	2003 10 26.8	02 03.26 +17 14.9 19.0	-0.97	- 6.7	2.2/28.3	29636
2000 CR ₁₅	2003 10 26.9	02 03.18 +20 41.2 20.6	-0.86	- 4.7	2.4/29.2	17151
2001 FN ₇₂	2003 10 26.9	02 03.29 +06 45.0 19.5	-0.81	- 2.8	1.7/25.4	48021
1999 UW ₂	2003 10 26.9	02 03.31 +14 33.6 17.4	-1.10	- 0.2	0.7/27.4	50431
2000 BV ₂₀	2003 10 26.9	02 03.32 -15 31.7 20.2	-0.73	- 3.0	7.1/18.5	35509
1999 VS ₂	2003 10 26.9	02 03.33 +10 14.5 18.7	-1.10	+ 0.1	0.8/26.4	31873
1999 TF ₁₀₉	2003 10 26.9	02 03.34 +16 03.5 19.4	-0.93	- 8.9	1.3/28.0	47806
2001 DL ₃₇	2003 10 26.9	02 03.43 -09 42.9 19.4	-0.83	- 5.6	7.4/20.2	33373
1999 XV ₁₅₅	2003 10 26.9	02 03.50 +02 13.0 19.0	-0.86	- 3.9	3.5/24.1	25767
2001 AB ₂₅	2003 10 26.9	02 03.50 -24 55.7 20.1	-0.86	- 3.1	10.5/15.5	33891
2001 FN ₇₆	2003 10 26.9	02 03.52 +07 54.0 18.5	-0.86	- 3.9	1.6/25.7	33904
2000 BN ₁₅	2003 10 26.9	02 03.52 +00 33.6 19.7	-0.86	- 0.8	3.3/24.0	47847
2000 WW ₁₅₇	2003 10 26.9	02 03.57 +06 34.6 18.4	-1.13	- 1.9	2.4/25.6	12257
2001 DL ₅₁	2003 10 26.9	02 03.58 -11 49.4 18.8	-0.86	- 2.4	7.4/20.4	31401
1998 EF ₁₁	2003 10 27.0	02 03.67 +07 08.5 19.8	-0.97	- 4.9	1.8/25.6	31224
1999 NJ ₁₀	2003 10 27.0	02 03.67 +23 24.0 18.8	-1.09	- 4.8	4.2/30.0	50412
2000 EG ₁	2003 10 27.0	02 03.70 +18 29.1 19.9	-0.77	- 3.9	1.5/28.7	50463
2001 FA ₆₀	2003 10 27.0	02 03.72 +11 17.1 18.9	-0.98	- 3.7	0.6/26.7	48020
2001 TR ₄₆	2003 10 27.0	02 03.74 -29 58.9 18.0	-1.75	+11.0	20.9/21.8	48117
1999 VV ₂₂	2003 10 27.0	02 03.83 +20 08.2 18.0	-0.87	-14.1	2.2/29.7	33836
2000 CD ₇₆	2003 10 27.0	02 03.85 +32 11.7 19.0	-0.92	- 2.3	5.3/01.5	40454
2002 JY ₉₃	2003 10 27.0	02 03.88 +16 39.5 20.5	-0.99	- 5.9	1.4/28.2	48236
2000 HF ₇₉	2003 10 27.0	02 03.89 -11 56.7 18.3	-0.84	- 0.5	6.8/20.5	1320
1999 RF ₁₆₆	2003 10 27.0	02 03.91 -01 22.7 18.2	-0.88	- 7.0	5.8/22.8	50419
2001 DK ₆₇	2003 10 27.0	02 03.91 +23 20.9 19.3	-0.95	- 4.1	3.6/30.1	48012
1999 RH ₇₅	2003 10 27.0	02 03.94 +13 57.6 18.5	-0.98	- 4.9	0.6/27.5	47789
1999 RK ₁₃₈	2003 10 27.0	02 03.96 +13 26.9 18.8	-1.04	- 4.1	0.4/27.3	50418
2002 CB ₁₅₃	2003 10 27.0	02 04.00 +27 15.0 17.7	-1.81	+ 6.6	7.4/29.1	50593
2000 DG ₉₃	2003 10 27.0	02 04.02 +31 55.6 18.9	-0.95	- 2.1	5.4/01.5	35517
1999 TF ₂₈₆	2003 10 27.0	02 04.04 +20 37.8 18.9	-0.95	- 6.5	3.2/29.5	47814
2002 JJ ₇₄	2003 10 27.1	02 03.98 +11 19.8 19.3	-0.86	- 8.8	0.4/26.7	48235
2000 EM ₉₀	2003 10 27.1	02 04.00 +07 23.3 21.0	-0.74	- 6.4	1.3/25.5	47866
1999 TM ₁₅₆	2003 10 27.1	02 04.01 +03 03.8 17.6	-0.74	-12.4	4.0/23.7	49713
2001 BQ ₄₇	2003 10 27.1	02 04.02 +17 11.2 20.6	-0.94	- 4.8	1.5/28.4	48007
1998 FM ₅₅	2003 10 27.1	02 04.08 +06 06.7 18.0	-0.99	- 6.0	2.6/25.3	9699
2002 MM ₂	2003 10 27.1	02 04.12 +12 06.1 19.7	-1.04	- 2.4	0.2/27.0	38338
1999 TA ₁₅₉	2003 10 27.1	02 04.20 +14 00.3 19.6	-0.95	- 6.8	0.5/27.6	47808
2002 ND ₂₃	2003 10 27.1	02 04.20 +13 11.7 18.9	-0.76	- 5.0	0.2/27.3	35585
2000 AF ₁₈₁	2003 10 27.1	02 04.23 +01 41.9 18.4	-0.77	- 8.0	4.3/23.6	50454

2001 FT ₄₇	2003 10 27.1	02 04.26 +17 03.8 19.6	-0.94	- 3.5	1.4/28.3	13830
1998 XQ ₆₈	2003 10 27.1	02 04.32 +31 44.6 17.5	-0.89	- 4.4	7.0/02.0	50400
1998 FM ₇₉	2003 10 27.1	02 04.38 +12 07.2 19.3	-1.05	- 2.5	0.2/27.1	9070
2001 CF ₂₀	2003 10 27.1	02 04.39 +04 57.8 18.9	-0.98	- 1.7	2.5/25.3	11842
2002 GH ₂₇	2003 10 27.1	02 04.44 -05 31.5 17.2	-1.12	+ 2.9	8.3/23.9	50602
2000 UE ₅₃	2003 10 27.2	02 04.38 +11 46.7 18.1	-1.10	- 5.6	0.4/27.0	47978
2000 WK ₁₅₈	2003 10 27.2	02 04.39 +20 12.3 17.1	-1.09	- 0.6	4.0/29.0	50508
2002 JV ₃₆	2003 10 27.2	02 04.45 +02 13.5 19.3	-0.98	- 3.6	3.8/24.6	32019
1998 HR ₄	2003 10 27.2	02 04.49 +12 23.1 19.6	-0.98	- 4.6	0.1/27.2	9704
1999 XC ₃	2003 10 27.2	02 04.51 +05 15.2 17.7	-0.91	- 4.2	3.2/25.2	38831
1999 RG ₁₀₉	2003 10 27.2	02 04.51 +08 19.6 19.1	-0.91	- 8.7	1.6/25.9	31859
1999 XT ₆₁	2003 10 27.2	02 04.52 -10 42.8 19.2	-1.01	+ 2.0	9.7/22.1	18220
2002 JT ₁₂₃	2003 10 27.2	02 04.52 +05 36.9 19.6	-0.96	- 7.9	2.7/25.2	31746
2002 JL ₇₁	2003 10 27.2	02 04.65 +03 20.7 19.2	-0.98	- 6.2	3.3/24.7	32025
2002 ET ₁	2003 10 27.2	02 04.66 -30 35.7 20.0	-0.99	- 6.1	18.8/11.0	27562
2001 DT ₆₈	2003 10 27.2	02 04.69 +10 45.9 17.7	-0.94	- 6.3	0.8/26.7	50524
1999 RG ₂₁₁	2003 10 27.2	02 04.69 +26 30.2 18.7	-1.16	- 3.0	5.4/31.0	30314
2001 FV ₁₆	2003 10 27.2	02 04.74 +04 05.8 19.7	-0.80	- 7.2	2.7/24.7	35544
2001 CG ₂	2003 10 27.2	02 04.75 +00 42.5 18.3	-1.00	- 4.3	5.2/24.0	12283
2000 DE ₄₇	2003 10 27.3	02 04.75 +25 21.6 18.7	-0.91	- 2.5	4.3/30.8	33213
1999 TA ₁₆₈	2003 10 27.3	02 04.80 +12 59.1 18.2	-0.94	- 7.4	0.1/27.4	33831
1999 TD ₃	2003 10 27.3	02 04.82 +11 51.1 17.8	-0.92	- 7.2	0.3/27.1	50422
1999 RX ₁₃₀	2003 10 27.3	02 04.82 +22 07.9 18.5	-1.05	- 6.5	3.6/30.1	35477
2000 WR ₁₂₀	2003 10 27.3	02 04.83 +11 34.3 17.6	-1.13	- 1.9	0.5/27.1	50507
2002 EA ₁₂	2003 10 27.3	02 04.84 +07 41.9 19.2	-1.07	- 3.6	1.9/26.1	48216
2002 LP ₄₈	2003 10 27.3	02 04.98 +11 03.8 17.6	-0.75	-11.4	0.6/26.8	50613
2002 GM ₇₅	2003 10 27.3	02 05.01 -00 42.4 19.9	-0.95	- 5.9	5.2/23.6	31545
2001 KL ₂	2003 10 27.3	02 05.03 -08 25.2 18.5	-0.76	- 2.6	6.3/21.4	50535
2000 YR ₁₀₈	2003 10 27.3	02 05.09 +18 06.5 19.8	-1.05	- 4.7	2.1/28.8	9545
2002 OT ₁₃	2003 10 27.3	02 05.10 +06 42.9 19.5	-0.72	- 6.1	1.7/25.6	35593
2001 FA ₂₈	2003 10 27.3	02 05.11 +17 45.8 18.9	-0.98	- 2.5	1.6/28.7	35545
1999 TM ₂₈₅	2003 10 27.3	02 05.17 +05 21.0 19.1	-0.95	- 4.2	2.9/25.4	47814
2001 EA ₈	2003 10 27.3	02 05.18 +08 41.7 19.8	-0.90	- 4.2	1.3/26.3	48015
1998 FE ₇₁	2003 10 27.4	02 05.10 +17 09.5 18.1	-1.07	- 4.3	1.7/28.6	33765
2001 AP ₄₆	2003 10 27.4	02 05.12 -22 41.3 20.4	-1.01	+ 0.2	9.1/18.1	12271
2001 HV ₅₀	2003 10 27.4	02 05.15 +29 12.4 19.0	-0.99	- 2.8	5.1/31.9	35554
2000 YW ₆₇	2003 10 27.4	02 05.15 +23 55.2 18.1	-1.07	- 5.4	5.0/30.5	13801
2001 CD ₄₅	2003 10 27.4	02 05.17 -07 54.9 20.4	-0.84	- 2.6	5.8/21.8	35010
2001 DM ₉₄	2003 10 27.4	02 05.21 +22 29.9 18.6	-1.05	- 5.4	3.8/30.1	13817
2002 HZ ₇	2003 10 27.4	02 05.27 -14 17.5 19.3	-0.90	- 6.7	8.6/19.2	32011
2000 AF ₂₁₄	2003 10 27.4	02 05.28 -06 06.7 18.2	-0.82	- 2.7	6.2/22.3	47845
2001 AB ₁₂	2003 10 27.4	02 05.31 +27 43.0 17.1	-0.97	- 7.4	7.0/01.2	49879
1997 EZ ₃₈	2003 10 27.4	02 05.34 +23 48.8 18.1	-1.06	- 3.7	4.7/30.3	11484
2002 JK ₆₂	2003 10 27.4	02 05.39 +06 37.2 20.5	-0.89	- 5.4	1.9/25.8	48234
1999 TV ₃₉	2003 10 27.4	02 05.47 -03 57.5 19.1	-0.88	- 4.7	6.4/22.8	33827
2001 CT ₄₅	2003 10 27.5	02 05.49 -09 29.8 18.3	-0.94	- 1.7	7.7/21.7	13253
2001 HF ₁₅	2003 10 27.5	02 05.49 +16 42.7 19.6	-0.85	- 5.1	1.2/28.6	35552
2002 NJ ₈	2003 10 27.5	02 05.54 +23 41.2 18.4	-0.79	- 5.3	3.3/30.9	35582
1998 HH ₁₁₆	2003 10 27.5	02 05.54 +02 34.4 19.0	-0.88	- 7.9	3.6/24.5	33767
2002 JR ₁₁₈	2003 10 27.5	02 05.62 -06 06.4 18.9	-0.87	- 5.6	6.6/22.2	31742
2002 GS ₄₃	2003 10 27.5	02 05.63 +10 40.6 19.6	-0.99	- 5.5	0.8/27.0	33546

2003 OCT. 10

M.P.C. 49821

1998 WR ₃₄	2003 10 27.5	02 05.63 +02 25.8	19.0	-0.98	+	1.5	3.8/25.4	33061
2001 FX ₈₀	2003 10 27.5	02 05.65 +07 36.2	18.1	-0.88	-	3.3	1.8/26.2	31944
2001 DG ₉₄	2003 10 27.5	02 05.69 +06 37.0	19.0	-0.95	-	8.0	2.7/25.7	11915
1998 FA ₅₄	2003 10 27.5	02 05.87 +15 03.8	19.2	-0.99	-	5.7	0.8/28.2	31812
2002 JG ₁₃₃	2003 10 27.5	02 05.88 +21 02.9	19.9	-1.07	-	5.2	3.1/29.8	48237
2000 EN ₁₁	2003 10 27.6	02 05.88 -24 23.9	19.6	-0.73	-	3.4	8.8/15.1	40473
2000 DZ ₉₆	2003 10 27.6	02 05.88 +06 46.3	19.5	-0.73	-	4.7	1.6/25.9	38253
2001 FG ₅₁	2003 10 27.6	02 05.89 +13 33.2	19.4	-0.86	-	3.9	0.3/27.8	48020
2001 FH ₁₅₈	2003 10 27.6	02 05.93 +21 26.2	20.0	-0.91	-	3.6	2.5/30.0	46527
2000 AW ₂₇	2003 10 27.6	02 05.98 +10 06.0	18.5	-0.90	-	3.3	1.0/26.9	30345
2001 KR ₅₅	2003 10 27.6	02 05.99 -12 26.5	18.5	-0.79	-	1.8	7.2/20.6	15102
2002 JC ₂₉	2003 10 27.6	02 06.04 +08 43.1	19.1	-1.02	-	4.6	1.5/26.6	48233
1999 TD ₁₇₅	2003 10 27.6	02 06.08 +16 55.4	18.6	-0.83	-	7.7	1.9/28.9	50427
2001 FV ₁₅	2003 10 27.6	02 06.12 +06 58.5	19.5	-0.81	-	5.5	1.8/26.0	48018
1999 XG ₁₈₂	2003 10 27.6	02 06.14 +08 01.5	17.8	-1.11	+	1.3	1.9/26.7	693
2001 CC ₅	2003 10 27.6	02 06.16 +26 36.3	20.8	-1.00	-	2.5	4.0/31.3	48008
2001 AG ₃₈	2003 10 27.6	02 06.16 +10 18.9	17.4	-1.13	+	0.5	1.0/27.1	12270
2002 JL ₁₀₁	2003 10 27.6	02 06.20 +21 41.3	19.6	-0.91	-10.7		3.0/30.6	48236
2000 BB ₆	2003 10 27.6	02 06.20 +15 43.9	17.5	-1.08	+	0.7	1.1/28.3	2728
2002 JW ₉₅	2003 10 27.6	02 06.23 +15 12.3	20.6	-1.01	-	4.7	0.9/28.3	33571
1998 US ₁₃	2003 10 27.6	02 06.24 +10 21.8	18.6	-0.85	-	3.3	0.9/27.0	33786
1999 XF ₇	2003 10 27.6	02 06.27 +13 18.5	19.1	-0.94	-	3.4	0.2/27.8	13024
1999 XP ₁₈₁	2003 10 27.6	02 06.28 +14 42.3	17.9	-1.01	-	1.4	0.6/28.1	13638
2001 FO ₁₆₉	2003 10 27.6	02 06.31 -03 55.1	19.3	-0.84	-	1.6	4.8/23.4	48026
2002 JN ₁₀₅	2003 10 27.6	02 06.34 +11 33.4	19.4	-1.01	-	7.4	0.5/27.3	50610
2001 BU ₇₆	2003 10 27.7	02 06.30 +09 19.3	20.2	-0.95	-	5.2	1.2/26.8	12282
2002 JN ₃₉	2003 10 27.7	02 06.38 +01 00.9	20.0	-0.90	-	4.7	4.5/24.5	50608
1999 QG ₂	2003 10 27.7	02 06.39 -01 09.7	19.2	-1.03	-	3.7	5.0/24.3	30304
2000 XL ₄₉	2003 10 27.7	02 06.42 -07 47.2	18.8	-0.97	-	1.9	6.8/22.4	34982
2002 NT ₃₄	2003 10 27.7	02 06.46 +19 30.1	17.7	-0.77	-	6.4	2.1/29.8	35587
1999 WX ₁₉	2003 10 27.7	02 06.46 +18 45.8	17.8	-0.92	-	2.7	2.9/29.3	49753
2001 BQ ₁₉	2003 10 27.7	02 06.48 +28 30.7	19.7	-0.97	-	3.9	4.3/01.2	38289
1999 XR ₁₉₀	2003 10 27.7	02 06.49 +01 13.9	17.1	-1.03	+	1.4	4.8/25.4	50447
2001 DK ₂₉	2003 10 27.7	02 06.52 +11 20.8	19.3	-0.95	-	3.7	0.5/27.4	48011
2000 YB ₄₁	2003 10 27.7	02 06.56 +21 57.1	19.2	-1.03	-	6.3	3.4/30.4	33889
2001 KT ₁₄	2003 10 27.7	02 06.62 +02 38.0	18.4	-0.86	-	1.9	3.2/25.2	35556
2002 JW ₄₈	2003 10 27.7	02 06.67 +12 13.0	17.8	-1.10	-	0.2	0.3/27.7	50609
1999 XK ₁₀₂	2003 10 27.7	02 06.73 +04 32.4	17.2	-0.92	-	0.5	4.2/25.8	38152
1999 UT ₃₄	2003 10 27.8	02 06.72 +12 12.0	19.2	-0.92	-	6.2	0.2/27.6	50432
2000 CN ₈₃	2003 10 27.8	02 06.80 +47 38.5	19.8	-1.12	-	1.0	8.4/07.2	38246
1999 TW ₁₉₇	2003 10 27.8	02 06.83 +18 15.2	18.5	-1.10	-	0.5	1.9/29.0	13614
2000 WB ₆₁	2003 10 27.8	02 06.84 +14 03.3	18.5	-0.99	-	7.3	0.5/28.2	35536
2001 FC ₂₅	2003 10 27.8	02 06.88 +16 37.0	20.6	-0.94	-	4.1	1.2/28.9	48018
1999 TW ₁₁₅	2003 10 27.8	02 06.88 +23 54.7	18.6	-1.15	-	0.7	5.3/31.0	50425
2001 BY ₆₇	2003 10 27.8	02 06.89 -10 36.9	18.7	-0.85	-	5.6	8.1/20.6	12281
2001 DS ₂₅	2003 10 27.8	02 06.92 +07 29.3	20.0	-0.90	-	4.6	1.8/26.4	48010
1999 VS ₂₃	2003 10 27.8	02 06.97 +04 38.3	16.8	-0.90	-	4.8	3.5/25.6	50434
2000 YJ ₆₀	2003 10 27.8	02 07.01 +04 32.1	18.9	-0.92	-	4.8	2.7/25.6	33889
1999 VT ₃₀	2003 10 27.8	02 07.03 +23 45.1	17.1	-0.73	-12.6		4.9/31.9	49740
2000 FW ₁₁	2003 10 27.8	02 07.09 +39 22.7	18.6	-1.29	+	2.1	8.1/02.7	739
2000 BQ ₁₁	2003 10 27.8	02 07.10 +12 18.1	20.8	-0.80	-	4.2	0.2/27.7	47847

1999 VW ₉₉	2003 10 27.9	02 07.03 +09 14.0	19.5	-0.97	-	2.8	1.4/27.0	47822
1999 TD ₂₅₁	2003 10 27.9	02 07.03 +27 43.7	18.5	-1.09	-	2.3	4.9/31.7	12178
2001 DW	2003 10 27.9	02 07.05 +10 11.3	20.2	-0.91	-	4.5	0.9/27.2	11854
2002 LV ₂₆	2003 10 27.9	02 07.06 +02 51.0	19.6	-0.84	-	5.2	3.2/25.1	34015
1999 SQ ₁₂	2003 10 27.9	02 07.08 +25 31.3	18.1	-1.08	-	3.9	5.6/31.3	50422
2001 FX ₁₀₃	2003 10 27.9	02 07.18 +26 02.5	19.7	-0.94	-	3.6	3.7/31.6	37579
2000 YM ₁₂₀	2003 10 27.9	02 07.24 +11 04.0	17.2	-1.07	-	2.7	0.8/27.5	50515
1999 WM ₁₂	2003 10 27.9	02 07.26 +13 03.4	18.9	-0.97	-	6.2	0.1/28.0	29189
2000 DS ₃₉	2003 10 27.9	02 07.29 +07 46.4	18.3	-0.75	-	5.9	1.8/26.4	50461
2001 HW ₃₁	2003 10 27.9	02 07.31 -03 54.8	19.2	-0.86	-	0.6	4.9/23.8	23619
1998 XG ₁	2003 10 27.9	02 07.33 +18 09.6	19.3	-0.78	-	7.5	1.7/29.6	47759
2002 JQ ₂₇	2003 10 27.9	02 07.39 +11 02.1	19.0	-0.97	-	5.9	0.7/27.5	31644
1999 XG ₅₆	2003 10 27.9	02 07.39 +18 07.9	19.4	-0.88	-	5.9	1.6/29.5	14380
2001 FS ₁₆₉	2003 10 27.9	02 07.49 +09 34.1	18.7	-0.92	-	4.6	1.3/27.1	33907
2001 AN ₁₆	2003 10 28.0	02 07.42 +30 44.8	18.4	-1.01	-	4.8	5.4/02.2	38289
1999 VA ₁₇₇	2003 10 28.0	02 07.45 +05 34.4	18.0	-0.80	-11.3		3.0/25.6	49749
1999 XS ₁₅₇	2003 10 28.0	02 07.49 +14 31.3	19.7	-0.84	-	6.9	0.7/28.5	47833
1999 VS ₇₉	2003 10 28.0	02 07.50 +16 24.4	18.8	-0.95	-	4.8	1.4/29.0	13623
2001 HV ₃₆	2003 10 28.0	02 07.60 +01 46.5	18.7	-0.90	-	0.2	3.4/25.4	41682
2000 EL ₁₆	2003 10 28.0	02 07.62 +25 26.1	17.3	-0.91	-	2.5	4.3/31.4	40473
1999 TF ₁₇₅	2003 10 28.0	02 07.63 +16 02.1	19.0	-0.92	-	5.6	1.3/28.9	12174
2001 CH ₃₁	2003 10 28.0	02 07.67 +09 50.2	19.4	-0.99	-	2.6	1.1/27.3	11847
1998 HA ₂₆	2003 10 28.0	02 07.68 +09 42.9	20.0	-1.01	-	3.7	1.1/27.2	47729
2000 EL ₃₃	2003 10 28.0	02 07.69 +02 55.3	18.1	-0.79	-	3.0	3.6/25.4	11777
2001 BB ₃₁	2003 10 28.0	02 07.74 -02 03.1	18.4	-0.96	-	5.3	6.3/23.8	48006
2002 JF ₁₂₁	2003 10 28.0	02 07.84 -12 16.4	18.6	-1.00	+	0.4	9.5/22.5	35196
1978 UL ₆	2003 10 28.1	02 07.84 +14 31.9	18.1	-0.91	-	6.2	0.8/28.6	47679
1999 TY ₁₀	2003 10 28.1	02 07.86 +06 38.1	18.5	-0.89	-	5.9	2.3/26.3	15049
2001 DA ₃₁	2003 10 28.1	02 07.93 +09 47.5	19.8	-0.90	-	4.3	1.0/27.3	16091
2000 EA ₈₃	2003 10 28.1	02 07.95 +09 41.6	18.3	-0.87	-	1.1	1.1/27.3	14403
1999 XA ₄₃	2003 10 28.1	02 07.97 +17 23.1	18.7	-0.91	-	5.7	1.5/29.4	11694
1999 VF ₁₇₇	2003 10 28.1	02 08.03 +07 56.4	18.7	-0.82	-12.6		1.7/26.4	50439
1999 TU ₉₇	2003 10 28.1	02 08.03 +06 43.0	18.2	-0.97	-	3.3	2.5/26.6	29122
2002 JU	2003 10 28.1	02 08.05 +01 48.4	19.0	-0.94	-	7.7	4.5/24.9	50606
1999 XB ₁₁₀	2003 10 28.1	02 08.08 +05 50.7	18.1	-0.88	-	4.3	3.1/26.2	50444
2001 FC ₆₈	2003 10 28.1	02 08.10 -02 58.5	18.6	-0.76	-	6.7	4.7/23.2	38296
2000 CL ₉₁	2003 10 28.1	02 08.17 +16 21.9	18.1	-0.83	-	3.4	1.0/29.1	35513
2000 AV ₂₇	2003 10 28.1	02 08.19 +23 59.1	18.9	-0.95	-	4.1	3.5/31.0	39568
2002 JN ₁₂₁	2003 10 28.1	02 08.20 -09 59.4	18.8	-0.89	-	3.3	8.5/22.0	33579
1999 VV ₃₆	2003 10 28.1	02 08.20 +04 55.9	18.2	-0.95	-	1.1	3.7/26.3	49741
1981 EF ₃₈	2003 10 28.1	02 08.24 +15 31.0	20.5	-1.00	-	6.9	0.9/28.9	33750
2000 YO ₅₃	2003 10 28.1	02 08.26 +15 52.7	19.4	-0.98	-	5.3	1.0/29.0	33889
1999 RW ₁₃₆	2003 10 28.2	02 08.35 +24 36.0	18.1	-1.07	-	3.5	5.2/31.3	50418
2000 YQ ₂	2003 10 28.2	02 08.39 -25 16.0	18.2	-1.41	+	9.2	19.3/21.0	9893
1999 XE ₇₀	2003 10 28.2	02 08.40 +14 59.4	18.9	-0.88	-	5.7	0.7/28.8	12210
1999 RA ₁	2003 10 28.2	02 08.40 +23 13.8	18.5	-1.05	-	5.1	3.8/31.0	50413
2002 GK ₁₄₁	2003 10 28.2	02 08.40 +12 01.0	20.1	-0.98	-	5.2	0.3/28.0	35576
1999 TL ₁₀	2003 10 28.2	02 08.43 +12 25.3	20.1	-0.95	-	5.2	0.2/28.1	12941
2002 JM ₅₂	2003 10 28.2	02 08.44 +00 54.3	17.6	-1.03	+	2.8	4.6/26.0	50609
1999 TY ₁₄₄	2003 10 28.2	02 08.47 +21 17.7	17.9	-1.06	-	2.4	3.5/30.3	12173
2000 CS ₂₂	2003 10 28.2	02 08.49 -09 53.6	19.1	-0.73	-	5.1	6.5/21.2	35510

2001 AG ₃₆	2003 10 28.2	02 08.57 +17 22.3	19.5	-1.05	- 3.2	1.5/29.4	48004
2001 CE ₄	2003 10 28.2	02 08.57 +16 55.4	20.0	-0.96	- 3.9	1.2/29.3	33894
1994 VG ₁	2003 10 28.2	02 08.58 +12 35.4	16.5	-0.76	- 9.4	0.2/28.2	50371
1998 SN ₈₁	2003 10 28.2	02 08.63 +15 01.8	18.7	-0.90	- 3.7	0.7/28.8	47747
2000 DJ ₃₈	2003 10 28.2	02 08.63 +12 55.5	20.0	-0.78	- 4.2	0.0/28.3	2748
1998 QZ ₅₃	2003 10 28.2	02 08.66 +16 32.5	19.8	-1.02	- 2.3	1.3/29.2	47735
2002 GM ₂₁	2003 10 28.3	02 08.61 +12 29.6	18.7	-1.11	- 4.0	0.2/28.2	31992
2002 AJ ₁₄	2003 10 28.3	02 08.64 +18 30.8	18.7	-1.15	- 3.4	2.1/29.7	50585
2000 CO ₆₄	2003 10 28.3	02 08.67 +01 03.8	20.2	-0.73	- 3.5	3.0/25.0	35512
1998 OU ₁	2003 10 28.3	02 08.69 -41 10.2	17.0	-1.12	+ 1.2	26.7/11.0	30272
1999 TH ₁₁₅	2003 10 28.3	02 08.71 +17 18.1	18.9	-0.95	- 7.0	1.6/29.6	47806
1998 TP ₂₆	2003 10 28.3	02 08.74 +12 24.4	19.1	-0.95	- 0.8	0.2/28.2	4921
2001 FU ₉₇	2003 10 28.3	02 08.77 +23 17.0	18.9	-1.46	+ 4.9	3.9/29.9	13331
2001 FG ₁₂₁	2003 10 28.3	02 08.79 +02 21.5	18.9	-0.75	- 5.8	3.2/25.2	33399
2000 YC ₁₀₆	2003 10 28.3	02 08.81 -01 40.9	18.5	-0.98	- 4.0	5.9/24.4	13802
1999 XP ₁₅	2003 10 28.3	02 08.84 +03 15.7	17.6	-0.70	- 1.2	5.3/25.8	49754
1999 TB ₂₃₃	2003 10 28.3	02 08.84 -13 58.8	18.5	-0.90	- 2.7	10.2/20.6	13615
1999 VC ₃₄	2003 10 28.3	02 08.88 +04 16.5	18.8	-1.03	+ 0.6	3.7/26.5	34803
2001 HU ₄₅	2003 10 28.3	02 08.90 -02 14.2	18.5	-0.85	- 1.6	5.1/24.5	31947
1993 SX ₁₂	2003 10 28.3	02 08.92 +17 34.3	19.5	-1.16	- 3.8	1.9/29.5	28935
1999 XA ₁₉₄	2003 10 28.3	02 08.92 +15 35.7	18.1	-0.97	- 2.1	1.0/29.0	50447
2001 DZ	2003 10 28.3	02 08.93 +18 13.6	19.7	-1.02	- 3.4	2.0/29.7	48010
2002 HP ₃	2003 10 28.3	02 08.99 -02 28.8	19.5	-0.88	- 4.6	5.2/24.2	32011
2002 HB ₂	2003 10 28.3	02 09.00 +02 01.2	19.7	-1.07	- 3.8	4.3/25.7	32010
1999 TS ₁₀₂	2003 10 28.3	02 09.01 -17 02.8	18.1	-0.75	- 1.0	14.8/19.6	18213
1999 TB ₁₉₉	2003 10 28.4	02 08.96 +17 18.1	18.4	-0.99	- 3.5	1.8/29.5	31870
2001 CF ₃₈	2003 10 28.4	02 08.97 -23 57.6	18.3	-0.84	0.0	10.9/18.4	50522
1999 TO ₆₅	2003 10 28.4	02 09.00 +13 53.3	20.6	-1.00	- 5.0	0.3/28.6	34784
1999 TC ₆₅	2003 10 28.4	02 09.08 +13 38.8	19.1	-0.98	- 5.2	0.3/28.6	47803
1999 VX ₄	2003 10 28.4	02 09.11 +12 42.8	18.0	-0.91	- 5.2	0.1/28.3	12186
2001 BM ₆₈	2003 10 28.4	02 09.16 +05 31.3	17.3	-0.93	- 4.1	3.6/26.4	50520
2002 NZ ₃₀	2003 10 28.4	02 09.18 -04 41.0	18.2	-0.82	- 2.7	5.9/23.6	38341
2002 EK ₃₆	2003 10 28.4	02 09.19 +12 19.0	20.3	-1.11	- 4.5	0.3/28.3	41764
2000 BM ₃₀	2003 10 28.4	02 09.19 +40 54.8	17.7	-1.06	- 2.3	9.1/06.1	13141
1998 XM ₁₉	2003 10 28.4	02 09.30 +09 22.9	19.3	-0.82	- 3.7	1.1/27.5	19353
2002 NF ₁₀	2003 10 28.4	02 09.31 +10 38.7	20.3	-0.78	- 4.4	0.7/27.8	35211
2000 WB ₁₂₃	2003 10 28.4	02 09.33 +08 25.7	18.6	-1.08	- 4.3	1.9/27.3	47991
2002 PJ ₁₁₀	2003 10 28.4	02 09.38 +15 52.6	20.5	-0.75	- 6.0	0.8/29.3	35317
1993 FU ₉	2003 10 28.4	02 09.41 -00 22.6	19.1	-0.85	- 7.1	4.5/24.5	33754
2002 NY ₅₄	2003 10 28.5	02 09.35 +26 56.9	18.6	-0.89	- 4.1	4.4/01.5	48242
2002 JN ₁₉	2003 10 28.5	02 09.38 +02 58.4	20.0	-1.00	- 5.0	3.9/25.8	48233
2001 DA ₃₇	2003 10 28.5	02 09.38 +08 15.3	18.7	-0.87	- 5.5	1.5/27.2	33897
2001 FP ₁₃₅	2003 10 28.5	02 09.40 +28 06.5	17.7	-1.21	+ 1.0	6.0/31.8	50531
2002 DU ₁	2003 10 28.5	02 09.44 -35 22.2	20.3	-1.19	+ 1.7	21.1/14.9	27558
1998 QY ₃₅	2003 10 28.5	02 09.46 -01 57.0	17.5	-0.69	- 4.5	7.1/24.1	49650
2001 DX ₁₀	2003 10 28.5	02 09.51 +17 46.8	19.3	-0.96	- 4.1	1.6/29.8	31939
2035 T-1	2003 10 28.5	02 09.53 +13 51.9	20.5	-0.97	- 4.5	0.3/28.7	38737
2002 PK ₁₆₃	2003 10 28.5	02 09.54 +12 07.4	21.5	-0.80	- 4.2	0.3/28.3	50102
2002 PC ₁₀₁	2003 10 28.5	02 09.71 +04 28.3	19.5	-0.74	- 7.9	2.7/25.9	48248
1999 RA ₁₇₀	2003 10 28.5	02 09.72 +21 17.2	19.2	-1.11	- 4.4	3.1/31.0	35479
2000 GL ₃₄	2003 10 28.5	02 09.76 +12 51.9	18.1	-0.78	- 4.5	0.1/28.5	35527

2000 BV ₈	2003 10 28.6	02 09.73 +21 07.3	18.6	-0.91	- 2.3	2.4/30.7	38241
2000 YP ₆₈	2003 10 28.6	02 09.78 +09 49.2	19.0	-0.98	- 5.9	1.3/27.7	48000
2002 LS ₄₃	2003 10 28.6	02 09.78 +41 32.2	17.9	-0.92	- 4.9	7.4/07.0	41766
2001 DF ₈₁	2003 10 28.6	02 09.79 +08 26.8	19.7	-0.98	- 2.5	1.6/27.5	48013
1999 TZ ₅₂	2003 10 28.6	02 09.84 +05 29.7	18.6	-0.98	- 6.0	2.9/26.5	33827
1999 RQ ₁₃₉	2003 10 28.6	02 09.84 +12 42.6	18.4	-0.89	- 4.4	0.2/28.5	50418
1999 TU ₁₀₅	2003 10 28.6	02 09.86 +15 19.5	16.8	-1.29	+ 6.0	1.1/29.0	50425
2002 GS ₂₀	2003 10 28.6	02 09.87 +16 56.7	18.5	-1.00	- 7.8	1.5/29.7	31503
2000 FN ₂₀	2003 10 28.6	02 09.87 +06 22.7	18.7	-0.79	- 3.0	1.9/26.8	1585
1996 XO ₁₅	2003 10 28.6	02 09.92 +14 05.9	18.4	-1.00	- 5.2	0.4/28.9	33760
1999 VK ₁₀₈	2003 10 28.6	02 09.93 +13 15.3	19.7	-0.88	- 5.6	0.0/28.7	47822
2383 T-3	2003 10 28.6	02 09.99 +17 16.2	19.0	-0.84	- 4.2	1.4/29.8	34059
2001 FY ₁₆₁	2003 10 28.6	02 10.00 -07 51.4	18.3	-0.90	- 1.8	7.2/23.1	14426
2001 FY ₄₉	2003 10 28.6	02 10.04 +28 24.3	18.4	-1.17	- 0.1	5.6/01.1	13304
1991 KD	2003 10 28.6	02 10.10 -21 54.1	21.1	-1.01	- 1.3	10.5/19.5	47683
1998 FX ₄₀	2003 10 28.6	02 10.13 +06 42.3	18.6	-0.95	- 6.3	2.3/26.9	33765
1995 BA ₈	2003 10 28.6	02 10.15 +02 25.3	20.6	-0.79	- 3.8	3.1/25.7	1897
2002 LE ₄	2003 10 28.6	02 10.15 +07 54.2	20.6	-0.94	- 4.9	1.8/27.3	35200
1998 BF	2003 10 28.7	02 10.19 +23 57.6	19.0	-1.11	- 4.9	4.8/31.6	19314
1999 TN ₁₉₆	2003 10 28.7	02 10.21 +19 04.0	19.3	-0.89	- 9.2	2.0/30.6	47810
2001 AR ₉	2003 10 28.7	02 10.28 +12 02.4	19.6	-0.95	- 6.5	0.4/28.4	35538
1981 DC ₁	2003 10 28.7	02 10.29 +12 01.3	18.7	-0.87	- 8.4	0.4/28.4	33750
2002 JS ₆₆	2003 10 28.7	02 10.42 +14 04.2	18.3	-0.91	- 7.0	0.3/29.0	32024
1999 XG ₇₄	2003 10 28.7	02 10.46 +15 22.1	18.2	-0.93	- 6.1	0.8/29.4	33845
2002 GO ₁₁₅	2003 10 28.7	02 10.51 +04 17.0	20.4	-1.02	- 2.0	3.4/26.7	48230
2001 FU ₁₃₃	2003 10 28.7	02 10.52 +10 12.5	19.7	-0.80	- 2.8	0.8/28.0	35056
2001 BZ ₃₂	2003 10 28.7	02 10.52 +01 33.3	19.8	-0.86	- 5.2	3.7/25.5	48006
1999 TA ₁₀₇	2003 10 28.7	02 10.57 +28 21.8	18.8	-1.04	- 9.5	5.9/02.8	38217
1998 QJ ₃₀	2003 10 28.8	02 10.51 +15 04.2	19.9	-0.88	- 6.0	0.6/29.4	35449
1999 TM ₂₉₃	2003 10 28.8	02 10.59 +19 53.4	18.3	-1.02	- 3.9	2.4/30.5	35485
1999 VF ₆₈	2003 10 28.8	02 10.60 +15 10.6	18.4	-0.86	- 7.7	0.8/29.4	31876
1999 RV ₁₀₉	2003 10 28.8	02 10.61 +23 21.1	18.8	-1.04	- 4.8	3.7/31.6	10893
2000 YO ₁₁₂	2003 10 28.8	02 10.61 +15 42.9	18.2	-1.05	- 3.6	1.2/29.5	11020
2002 LK ₃₉	2003 10 28.8	02 10.72 -04 41.8	19.5	-0.85	- 3.8	6.7/24.0	50613
2000 ET ₁₇₂	2003 10 28.8	02 10.73 +14 12.4	19.2	-0.84	- 4.1	0.3/29.1	47870
2002 JB ₅₂	2003 10 28.8	02 10.73 +08 13.4	17.2	-1.01	- 0.2	2.0/27.8	50609
2002 JP ₁₁₁	2003 10 28.8	02 10.75 +20 28.2	19.5	-1.01	- 5.0	2.5/31.0	48236
1999 RX ₉₂	2003 10 28.8	02 10.77 +16 53.4	17.9	-1.04	- 2.1	1.6/29.7	50416
2000 AF ₈₄	2003 10 28.8	02 10.78 +13 38.2	18.3	-0.84	- 5.9	0.2/29.0	47841
1996 GG ₈	2003 10 28.8	02 10.78 +03 47.0	19.4	-0.75	- 5.7	2.8/26.1	13545
1999 VK ₁₁₆	2003 10 28.8	02 10.83 +08 29.1	19.4	-0.92	- 4.3	1.7/27.6	33839
1999 UJ ₂₀	2003 10 28.8	02 10.86 +11 46.0	19.9	-1.00	- 4.0	0.5/28.5	22121
1999 XR ₂₃₄	2003 10 28.8	02 10.92 +04 13.6	18.1	-0.80	- 6.4	4.0/26.2	2705
1999 RX ₁₇₀	2003 10 28.8	02 10.93 -05 09.2	18.5	-0.77	- 9.7	8.1/22.5	12156
1979 MZ ₁	2003 10 28.8	02 10.96 +03 40.2	18.8	-0.84	- 4.7	3.4/26.3	27573
2000 YC ₁₀₉	2003 10 28.9	02 10.89 +13 23.8	19.5	-1.06	- 4.5	0.1/29.0	48001
1999 XV ₁₈₄	2003 10 28.9	02 10.90 +34 34.9	19.2	-1.05	- 4.9	7.2/04.4	50446
2002 ET ₂₀	2003 10 28.9	02 10.99 +17 37.1	19.3	-1.18	- 2.8	1.7/30.0	29955
3939 T-3	2003 10 28.9	02 10.99 +14 29.2	19.0	-1.11	- 2.2	0.5/29.2	35667
2002 GM ₁₇	2003 10 28.9	02 11.03 +09 52.6	20.0	-1.01	- 1.7	1.1/28.2	48227
2001 FK ₅₀	2003 10 28.9	02 11.04 +25 06.3	17.9	-1.10	- 0.9	4.1/31.7	13304

2000 AY ₂₃₂	2003 10 28.9	02 11.10 +09 16.1 18.2	-0.92 - 1.7	1.8/28.0	2726
1993 TJ ₂₂	2003 10 28.9	02 11.11 +11 59.4 19.2	-0.93 - 2.1	0.4/28.6	30245
2001 FF ₆₅	2003 10 28.9	02 11.11 +03 04.8 18.5	-0.85 - 4.5	3.4/26.2	13833
1998 KY ₆	2003 10 28.9	02 11.17 +16 23.0 19.7	-0.92 - 7.7	1.0/29.9	47731
2001 HX ₄₉	2003 10 28.9	02 11.19 -09 48.6 20.1	-0.69 - 6.9	5.6/21.5	48030
2001 CV ₂₁	2003 10 28.9	02 11.22 +13 52.5 19.3	-1.01 - 4.1	0.2/29.1	33895
2001 HG ₁₈	2003 10 28.9	02 11.23 -13 07.9 19.6	-0.70 - 6.7	6.7/20.3	35552
2001 AD ₁₆	2003 10 28.9	02 11.36 -01 42.1 18.3	-0.93 - 4.7	6.8/24.9	50516
2002 CU ₂₃₆	2003 10 29.0	02 11.37 +02 51.4 19.0	-0.96 - 4.6	3.8/26.3	31971
1997 GR ₄	2003 10 29.0	02 11.40 +13 46.1 20.1	-0.95 - 4.2	0.2/29.2	47711
2001 EE ₂₄	2003 10 29.0	02 11.41 +14 12.8 19.7	-0.97 - 4.9	0.4/29.3	48016
2002 NK ₁₁	2003 10 29.0	02 11.56 +11 27.9 19.4	-0.80 - 4.4	0.6/28.6	35212
2000 XX ₂₉	2003 10 29.0	02 11.59 +14 13.1 18.0	-1.15 - 0.9	0.4/29.3	47996
2002 GE ₈₆	2003 10 29.0	02 11.61 +03 27.2 19.8	-0.85 - 8.4	3.5/26.1	31557
2002 NE ₉	2003 10 29.0	02 11.73 +34 08.1 19.2	-1.03 - 5.0	6.8/04.3	33645
2001 FZ ₃₆	2003 10 29.1	02 11.73 +04 54.9 19.0	-0.83 - 5.9	3.0/26.7	17576
2001 FJ ₁₈	2003 10 29.1	02 11.74 +13 02.4 18.5	-0.83 - 7.0	0.1/29.1	31942
1998 HH ₈₇	2003 10 29.1	02 11.84 +17 46.5 18.4	-0.93 - 7.4	1.8/30.5	50385
2002 JP ₄₁	2003 10 29.1	02 11.92 +18 54.5 18.0	-1.12 - 1.2	2.2/31.0	50078
1999 TD ₂₀₅	2003 10 29.1	02 12.01 +15 37.9 18.8	-1.04 - 3.1	1.0/29.8	50429
2002 JG ₄₁	2003 10 29.1	02 12.04 +13 53.7 18.6	-1.03 - 4.0	0.2/29.3	30199
2001 DY ₆₈	2003 10 29.1	02 12.13 +05 58.3 19.9	-0.89 - 6.2	2.3/27.1	48012
2002 CU ₂₅	2003 10 29.2	02 12.06 +42 28.4 17.5	-2.03 + 7.1	15.0/02.9	30640
2001 AE ₄₅	2003 10 29.2	02 12.11 +08 57.2 17.9	-0.97 - 3.0	2.2/28.1	49884
1999 RU ₉₁	2003 10 29.2	02 12.22 +11 13.9 19.4	-0.99 - 5.8	0.8/28.7	47791
2000 YQ ₁₁₈	2003 10 29.2	02 12.23 +23 59.1 18.8	-1.13 - 3.4	4.2/31.9	19915
2001 EY ₁₀	2003 10 29.2	02 12.28 +34 33.7 18.8	-1.33 + 2.1	7.6/02.7	13820
1999 XK ₁₁₉	2003 10 29.2	02 12.28 +14 42.4 18.4	-0.99 - 2.2	0.6/29.6	11713
2002 LX ₃	2003 10 29.2	02 12.39 +01 33.3 20.9	-0.99 - 2.5	4.0/26.5	34011
2000 WM ₁₁	2003 10 29.2	02 12.42 +20 16.5 18.2	-1.04 - 6.9	3.0/31.0	9388
2002 JD ₁₀₂	2003 10 29.2	02 12.42 +11 52.1 19.3	-0.98 - 5.3	0.5/28.9	31730
2000 UX ₂	2003 10 29.2	02 12.43 +11 00.1 19.3	-1.12 - 3.3	1.0/28.7	31342
2000 DF ₃₉	2003 10 29.2	02 12.48 +10 55.3 19.0	-0.73 - 4.6	0.6/28.6	39452
2002 PB ₆₅	2003 10 29.2	02 12.49 +01 37.0 18.8	-0.75 - 6.5	3.6/25.7	35281
1999 NW ₄₆	2003 10 29.2	02 12.51 +00 15.3 17.9	-0.97 - 6.1	5.5/25.7	50412
1999 XL ₁₉₇	2003 10 29.3	02 12.52 +23 59.2 19.1	-0.99 - 2.4	3.4/32.0	47835
2001 BZ ₂₃	2003 10 29.3	02 12.56 +12 07.3 19.9	-1.01 - 5.9	0.5/29.0	48006
2002 NY ₁₉	2003 10 29.3	02 12.56 +36 08.7 18.0	-0.89 - 4.2	6.3/05.4	38339
1998 MM ₄	2003 10 29.3	02 12.60 +00 54.8 20.6	-0.87 - 6.3	3.9/25.8	47732
2001 DY ₇₀	2003 10 29.3	02 12.61 +12 04.3 18.7	-0.97 - 5.9	0.5/29.0	48012
2002 OF ₁₃	2003 10 29.3	02 12.62 +02 36.4 18.6	-0.74 - 5.9	3.1/26.2	35593
1999 NZ	2003 10 29.3	02 12.65 -05 48.9 17.9	-0.81 - 7.2	8.9/23.3	50412
2003 OS ₂₂	2003 10 29.3	02 12.66 -04 19.4 17.3	-0.42 - 5.5	9.4/23.3	50267
2002 PO ₃	2003 10 29.3	02 12.67 -02 00.3 19.2	-0.73 - 5.1	4.7/24.8	48243
2002 LM ₁₇	2003 10 29.3	02 12.72 +09 07.0 20.4	-0.99 - 4.3	1.5/28.3	33602
2001 HJ ₁₄	2003 10 29.3	02 12.76 +16 39.1 18.2	-0.75 - 7.7	0.9/30.4	38301
1995 BQ ₅	2003 10 29.3	02 12.81 +10 16.0 19.0	-0.88 - 4.3	1.4/28.5	47695
1999 RS ₆₉	2003 10 29.3	02 12.81 +08 00.2 18.5	-0.99 - 5.3	2.1/27.9	13605
1999 XT ₁₃₄	2003 10 29.3	02 12.81 -20 32.8 17.4	-0.85 + 8.8	18.6/24.1	47833
2000 AX ₁₃₄	2003 10 29.3	02 12.84 +01 48.1 18.7	-0.92 - 2.0	3.9/26.5	14188
1999 VX ₂₃	2003 10 29.3	02 12.85 +23 52.4 17.7	-0.88 - 6.5	4.6/01.6	12978

1999 RX ₈₆	2003 10 29.3	02 12.87 +16 22.9 19.3	-1.04 - 3.6	1.3/30.1	18211
1999 VY ₁	2003 10 29.3	02 12.87 +12 53.7 18.2	-0.98 - 2.7	0.2/29.3	12186
1999 RT ₁₇₉	2003 10 29.3	02 12.88 +02 03.6 18.7	-0.98 - 4.0	4.7/26.6	31267
1998 HB ₉₈	2003 10 29.3	02 12.92 +20 08.6 18.4	-1.01 - 5.5	2.4/31.2	31815
1998 TT ₃₄	2003 10 29.4	02 12.87 +08 07.0 18.0	-0.83 - 4.1	1.9/28.0	27612
1999 XZ ₈₈	2003 10 29.4	02 12.95 +25 18.7 17.8	-0.88 - 6.9	4.7/02.1	25015
1998 MM ₄₇	2003 10 29.4	02 12.96 -11 39.9 18.8	-0.90 - 2.3	8.0/23.0	33769
2002 GA ₁	2003 10 29.4	02 12.97 +10 59.9 18.6	-1.09 - 1.9	1.0/28.9	50601
2001 DV ₃₅	2003 10 29.4	02 12.97 +12 02.2 19.9	-0.90 - 5.4	0.4/29.1	33897
1999 XM ₆₄	2003 10 29.4	02 12.98 +04 26.1 18.0	-0.84 + 0.6	4.7/27.4	49758
1998 QF ₂₄	2003 10 29.4	02 13.01 +25 26.9 18.3	-0.92 - 4.8	4.7/01.9	50388
2002 NK ₇	2003 10 29.4	02 13.06 +38 07.4 18.8	-0.96 - 3.3	8.6/06.0	50614
2000 EF ₁₄₄	2003 10 29.4	02 13.08 +25 07.8 19.5	-0.80 - 5.5	3.2/02.0	47869
2001 JO	2003 10 29.4	02 13.12 -11 19.2 21.6	-0.84 0.0	5.4/23.5	14436
1999 TE ₂₄₂	2003 10 29.4	02 13.17 -06 02.5 18.6	-1.02 + 0.3	7.4/25.1	50430
1990 TN ₉	2003 10 29.4	02 13.19 +12 15.4 17.6	-0.74 -11.9	0.5/29.1	9668
2000 YJ ₆	2003 10 29.4	02 13.26 +11 37.4 17.8	-1.10 - 3.4	0.7/29.1	50511
2002 KB ₁₃	2003 10 29.4	02 13.26 +04 35.8 18.8	-1.05 - 1.5	3.7/27.5	31764
2000 AV ₁₆₈	2003 10 29.4	02 13.27 -13 08.6 18.5	-0.93 - 1.4	9.8/22.4	50454
1999 XA ₁₇₈	2003 10 29.5	02 13.21 +26 13.4 18.6	-0.96 - 4.1	4.5/02.0	33169
1999 BM ₁₇	2003 10 29.5	02 13.22 +21 55.2 17.8	-0.96 - 0.1	2.9/31.5	50402
2002 PD ₁₄₂	2003 10 29.5	02 13.30 +50 03.5 18.4	-1.13 - 2.6	11.0/10.9	38364
2001 DM ₁₀₂	2003 10 29.5	02 13.31 +16 06.3 17.8	-1.02 - 1.4	1.0/30.2	50525
2002 CZ ₁₀₀	2003 10 29.5	02 13.34 +01 10.7 18.3	-1.01 - 5.6	4.6/26.3	29813
2000 EH ₁₅₇	2003 10 29.5	02 13.44 -10 05.9 18.3	-0.80 - 2.3	7.3/22.9	35524
2000 CJ ₆₆	2003 10 29.5	02 13.46 -03 56.4 18.4	-0.79 - 2.9	5.1/24.8	38245
1999 NT ₃	2003 10 29.5	02 13.48 +00 23.7 19.1	-0.99 - 5.1	5.1/26.1	47784
1999 XQ ₁₆₈	2003 10 29.5	02 13.49 +17 50.6 17.9	-0.99 - 3.8	1.7/30.7	1557
2000 SE ₉	2003 10 29.5	02 13.49 -04 48.6 18.3	-0.86 -23.5	8.2/22.1	50488
2001 BF ₇₀	2003 10 29.5	02 13.54 -19 12.3 17.0	-0.76 -16.8	13.8/14.7	49893
2000 AJ ₁₁	2003 10 29.5	02 13.57 +17 52.9 19.4	-0.91 - 4.7	1.4/30.8	47838
2001 DU ₁₀₁	2003 10 29.5	02 13.58 +10 05.6 19.7	-0.98 - 3.5	1.1/28.7	11920
1999 VA ₁₂₃	2003 10 29.5	02 13.61 +12 18.6 18.8	-0.92 - 6.1	0.4/29.3	33139
1999 VS ₃₃	2003 10 29.5	02 13.64 +11 44.0 18.5	-0.90 - 4.5	0.7/29.1	13620
1999 RU ₁₇	2003 10 29.6	02 13.62 +31 07.6 20.2	-1.24 - 3.1	6.6/03.3	47787
1992 EW ₆	2003 10 29.6	02 13.68 -08 37.4 18.1	-0.79 - 5.3	9.3/22.7	50367
2002 PE ₁₅	2003 10 29.6	02 13.79 +14 59.1 18.6	-0.78 - 4.6	0.4/30.1	35598
1999 RC ₂₅₁	2003 10 29.6	02 13.82 +14 49.3 19.9	-0.97 - 4.5	0.6/30.0	27640
2000 AY ₂₇	2003 10 29.6	02 13.88 +14 00.4 19.3	-0.87 - 3.7	0.2/29.8	20746
2000 BY ₃₄	2003 10 29.6	02 13.97 -23 33.0 19.9	-0.86 - 0.5	9.3/18.8	47847
2002 PM ₁₈	2003 10 29.6	02 14.02 +11 44.4 20.4	-0.76 - 5.1	0.5/29.2	35247
1998 GY	2003 10 29.7	02 14.05 +23 43.7 20.0	-1.13 - 4.3	3.8/01.3	33766
2000 CL ₈₅	2003 10 29.7	02 14.10 +04 53.3 19.7	-0.77 - 3.6	2.4/27.4	25016
2002 NB ₁₉	2003 10 29.7	02 14.15 +16 53.0 18.8	-0.78 - 4.8	1.0/30.7	35584
2002 LK ₃	2003 10 29.7	02 14.17 -19 13.4 19.7	-0.82 - 0.8	8.8/21.2	48238
1999 NO ₆	2003 10 29.7	02 14.18 +14 27.3 18.5	-0.99 - 6.2	0.4/30.0	33814
2000 BZ ₂₈	2003 10 29.7	02 14.27 +21 52.9 18.5	-0.95 - 2.5	2.7/31.9	38241
2000 EC ₁₂₈	2003 10 29.7	02 14.30 +04 24.8 18.8	-0.77 - 4.3	2.7/27.2	35522
1999 XE	2003 10 29.7	02 14.30 +12 13.9 18.2	-0.92 - 5.5	0.5/29.4	47827
2002 LX ₈	2003 10 29.7	02 14.32 +04 32.8 19.6	-1.00 - 5.1	3.2/27.4	34012
2002 HE ₁₂	2003 10 29.7	02 14.39 +13 04.8 20.0	-1.10 - 3.3	0.1/29.7	30172

2001 CD ₄₇	2003 10 29.7	02 14.45 +09 48.4 19.9	-0.89 - 5.0	1.2/28.8	14265
2002 PT ₄	2003 10 29.8	02 14.37 +15 21.0 19.8	-0.76 - 6.3	0.5/30.4	35242
2002 JX ₃₃	2003 10 29.8	02 14.37 +08 15.7 19.6	-0.99 - 4.1	1.8/28.5	32019
2002 JR ₂₆	2003 10 29.8	02 14.44 +06 01.8 20.0	-0.96 - 5.7	2.6/27.8	31643
1999 XC ₁₃	2003 10 29.8	02 14.45 +06 45.7 18.4	-0.85 - 8.1	2.5/27.8	12205
2002 JJ ₄₃	2003 10 29.8	02 14.53 +21 07.4 18.8	-1.05 - 5.7	2.9/31.9	33998
2002 JS ₂₄	2003 10 29.8	02 14.59 +08 58.1 19.9	-1.00 - 4.4	1.6/28.7	31640
2000 XX ₃₂	2003 10 29.8	02 14.60 +14 50.8 17.7	-1.16 - 1.3	0.5/30.1	11010
1999 VP ₁₆₀	2003 10 29.8	02 14.63 +16 45.0 19.3	-0.95 - 4.3	1.4/30.7	47824
2002 JN ₁₁₀	2003 10 29.8	02 14.64 +10 34.8 18.7	-1.12 + 1.1	1.1/29.3	48236
1996 BC ₅	2003 10 29.8	02 14.65 +02 15.4 19.1	-0.88 - 3.0	4.1/27.0	47701
2002 LR ₉	2003 10 29.8	02 14.71 +11 32.8 20.0	-0.96 - 7.1	0.7/29.3	33598
2001 KW ₂₅	2003 10 29.8	02 14.71 +26 14.4 19.6	-0.79 - 6.4	3.4/02.8	48032
1999 TF ₁₃	2003 10 29.8	02 14.82 +05 03.2 18.3	-1.05 + 0.2	3.0/28.1	13610
2001 BE ₂₂	2003 10 29.8	02 14.84 +21 27.8 19.3	-1.05 - 4.9	2.8/32.0	35539
1998 QJ ₁₁	2003 10 29.8	02 14.87 +34 24.4 19.6	-1.08 - 3.7	7.1/04.9	10328
2001 DB ₅₃	2003 10 29.9	02 14.77 -02 14.9 20.2	-0.85 - 5.2	5.4/25.4	48011
2000 EO ₁₆₉	2003 10 29.9	02 14.79 -08 02.3 18.7	-0.81 - 2.4	5.8/23.9	1583
1999 RC ₁₈₅	2003 10 29.9	02 14.79 +00 44.0 18.7	-0.96 - 4.6	4.8/26.6	41581
2002 PM ₇₁	2003 10 29.9	02 14.79 +16 09.0 19.9	-0.77 - 5.8	0.7/30.7	35608
2001 BF ₆₉	2003 10 29.9	02 14.81 +12 25.5 17.9	-1.03 - 3.3	0.5/29.6	12281
1997 JF ₁₀	2003 10 29.9	02 14.85 +12 35.4 18.6	-0.91 - 5.8	0.3/29.7	13552
2002 JS ₄₈	2003 10 29.9	02 14.87 +14 03.1 19.6	-0.98 - 3.8	0.2/30.1	31672
1999 TX ₁₄₅	2003 10 29.9	02 14.89 +14 39.6 18.6	-1.08 - 2.0	0.4/30.2	50426
1997 GL ₃₆	2003 10 29.9	02 14.91 +14 01.9 20.0	-0.88 - 4.9	0.2/30.1	16755
2001 BJ ₄₈	2003 10 29.9	02 14.93 +10 04.9 18.0	-0.86 - 7.8	1.1/28.9	50519
1998 LX ₂	2003 10 29.9	02 14.93 +01 47.3 20.1	-0.89 - 5.4	3.9/26.7	47732
2001 DS ₉₂	2003 10 29.9	02 14.96 +12 25.6 19.7	-1.00 - 4.4	0.4/29.7	13263
2000 SS ₁₆₃	2003 10 29.9	02 14.97 +38 01.0 19.9	-1.74 + 3.6	11.7/03.5	47955
1999 CD ₆	2003 10 29.9	02 15.07 +48 43.7 18.2	-1.63 - 1.9	16.1/09.5	50402
1988 PE ₄	2003 10 29.9	02 15.12 +08 06.7 18.3	-0.98 - 4.8	2.4/28.6	50366
2000 AP ₁₂₉	2003 10 29.9	02 15.13 -02 17.8 18.4	-0.75 - 4.2	4.5/25.5	35505
2001 FK ₁₂₀	2003 10 29.9	02 15.18 +25 03.6 20.7	-1.02 - 1.8	3.5/01.8	48024
2000 DO ₃	2003 10 29.9	02 15.23 +14 29.5 19.0	-0.87 - 2.1	0.3/30.2	50460
2000 AW ₈₇	2003 10 30.0	02 15.19 +14 45.7 17.8	-0.85 - 4.6	0.4/30.3	19478
1999 RG ₁₄₄	2003 10 30.0	02 15.25 +14 43.0 19.1	-0.96 - 7.6	0.4/30.4	33822
1990 WG ₁	2003 10 30.0	02 15.27 -11 00.7 17.9	-1.09 + 2.8	8.8/25.1	13533
1998 QM ₂₄	2003 10 30.0	02 15.40 +02 47.8 18.1	-0.73 - 7.2	4.6/26.7	50388
1998 HS ₁₅₀	2003 10 30.0	02 15.46 +06 14.1 19.8	-0.97 - 3.4	2.5/28.3	47731
2000 EL ₁₇	2003 10 30.0	02 15.47 +07 48.5 20.3	-0.75 - 5.1	1.6/28.4	47861
2000 YF ₃₀	2003 10 30.1	02 15.65 +03 48.6 19.4	-0.94 - 2.7	3.2/27.7	47998
2000 YT ₁₁₄	2003 10 30.1	02 15.66 +14 59.0 18.9	-1.03 - 4.1	0.5/30.5	33890
1998 RB ₅₀	2003 10 30.1	02 15.69 +12 38.7 18.4	-0.91 - 2.7	0.4/29.9	50391
2001 BR ₃	2003 10 30.1	02 15.73 +20 31.6 20.1	-1.12 - 2.8	2.7/31.8	48005
1999 TK ₁₅₃	2003 10 30.1	02 15.76 +06 12.8 18.8	-0.86 - 7.6	3.1/28.0	33831
1998 WJ ₁₂	2003 10 30.1	02 15.77 +18 16.0 18.1	-0.79 - 7.1	1.6/31.6	50399
2001 FK ₉₈	2003 10 30.1	02 15.86 -00 43.0 19.7	-0.86 - 2.7	4.3/26.5	33905
2002 QT ₄₁	2003 10 30.1	02 15.87 +19 23.9 19.7	-0.84 - 3.4	1.6/31.7	35369
2001 DP ₁₀₂	2003 10 30.1	02 15.91 +04 32.2 18.6	-0.98 - 2.9	3.2/27.9	48014
2001 AN ₂₅	2003 10 30.1	02 15.97 +46 14.5 19.9	-1.29 - 3.9	9.8/08.8	37534
1999 GC ₅₈	2003 10 30.1	02 15.97 +12 36.3 17.8	-1.18 - 2.9	0.4/30.0	38213

2000 YC ₃₃	2003 10 30.2	02 15.94 +15 15.3 18.0	-0.99 - 4.9	12.2/20.0	50512
1992 PQ ₁	2003 10 30.2	02 15.97 +22 21.4 18.9	-1.09 - 5.5	3.4/01.6	30243
1999 VE ₄₇	2003 10 30.2	02 16.07 +05 30.2 17.1	-1.15 + 4.0	3.7/28.9	50435
2002 JO ₅₃	2003 10 30.2	02 16.12 +15 52.1 19.2	-1.12 - 2.5	0.9/31.0	48234
2001 FP ₈₂	2003 10 30.2	02 16.12 +04 17.0 19.7	-0.86 - 4.1	3.2/27.7	48022
2001 FK ₁₄₄	2003 10 30.2	02 16.22 +03 43.4 18.6	-0.84 - 7.0	3.2/27.3	33906
1999 XY ₁₇₉	2003 10 30.2	02 16.25 +14 58.2 18.5	-0.97 - 1.5	0.5/30.6	50446
2002 JC ₅	2003 10 30.2	02 16.33 +10 44.3 20.4	-0.99 - 4.4	1.0/29.5	31618
1981 ES ₁₉	2003 10 30.2	02 16.42 +20 23.5 19.5	-1.11 - 3.6	2.7/32.0	47680
2000 DZ ₁₁₄	2003 10 30.3	02 16.32 +10 24.8 20.2	-0.79 - 4.2	1.0/29.4	33867
2002 JS ₁₁₆	2003 10 30.3	02 16.32 -13 56.7 17.7	-1.66 +12.6	14.8/28.2	31741
2002 JM ₆₂	2003 10 30.3	02 16.40 +02 51.3 19.0	-0.96 - 2.4	4.2/27.7	48234
2000 AL ₁₂₅	2003 10 30.3	02 16.46 +34 28.7 19.0	-0.98 - 4.5	7.7/05.4	50453
2001 FP ₂₉	2003 10 30.3	02 16.55 +06 03.4 19.4	-0.96 - 2.6	2.6/28.5	13827
2002 GJ ₂₀	2003 10 30.3	02 16.60 +13 09.1 18.5	-0.95 - 8.6	0.2/30.2	31992
2002 JJ ₂₅	2003 10 30.3	02 16.60 +07 49.6 19.0	-0.93 - 9.1	2.1/28.6	32018
1979 MU ₇	2003 10 30.3	02 16.60 +18 06.7 18.8	-1.05 - 8.3	2.0/31.6	47679
2002 JF ₄₉	2003 10 30.3	02 16.65 +18 39.3 19.9	-1.03 - 5.1	1.8/31.7	48234
2001 FL ₂₆	2003 10 30.3	02 16.73 +20 20.7 19.5	-0.88 - 4.4	1.9/01.2	48018
1999 XR	2003 10 30.3	02 16.74 +02 18.9 19.8	-0.87 - 3.3	4.0/27.4	7515
2002 GQ ₈₃	2003 10 30.3	02 16.75 +02 12.5 16.7	-0.94 - 0.2	6.0/27.9	50057
1999 RA ₃₇	2003 10 30.3	02 16.77 +16 30.7 18.4	-0.99 - 4.2	1.3/31.1	30305
2000 SW ₄	2003 10 30.3	02 16.79 +22 16.7 18.3	-1.83 +10.4	4.5/31.1	47940
1999 NX ₆₄	2003 10 30.3	02 16.80 +17 00.6 18.2	-1.01 - 4.0	1.5/31.2	50413
2001 FU ₃₇	2003 10 30.4	02 16.73 +35 13.3 19.1	-1.13 - 2.0	7.4/05.0	48019
2002 NY ₂₅	2003 10 30.4	02 16.75 +44 15.8 18.4	-1.02 - 2.2	8.3/08.6	38340
2002 JE ₃₅	2003 10 30.4	02 16.76 +10 59.8 18.1	-0.96 - 7.8	1.0/29.6	31655
2000 CD ₈₂	2003 10 30.4	02 16.81 +12 56.3 19.5	-0.76 - 3.6	0.2/30.2	35512
1981 EE ₁₆	2003 10 30.4	02 16.82 +17 33.8 20.6	-0.93 - 5.3	1.2/31.5	30779
2002 GW ₁₉	2003 10 30.4	02 16.86 +17 13.4 19.5	-1.01 - 5.5	1.3/31.4	31992
2002 LE ₄₆	2003 10 30.4	02 16.87 -07 17.9 19.4	-0.86 - 3.5	7.1/24.9	50613
2001 HM ₉	2003 10 30.4	02 16.90 +08 06.1 19.9	-0.76 - 4.2	1.5/28.9	35552
1999 ND ₃₈	2003 10 30.4	02 16.96 +12 07.0 19.0	-1.07 - 3.8	0.7/30.1	34767
2001 FF ₁₆₈	2003 10 30.4	02 16.96 +13 42.5 20.1	-0.83 - 3.9	0.0/30.5	27194
2002 PR ₁₂₃	2003 10 30.4	02 16.97 +14 08.4 19.3	-0.79 - 3.9	0.1/30.6	35327
1998 HE ₁₁₉	2003 10 30.4	02 16.98 +04 07.7 19.8	-1.01 - 3.4	3.3/28.1	33767
1999 UY ₁₇	2003 10 30.4	02 17.10 +11 09.8 20.1	-0.99 - 4.4	1.0/29.8	11616
2000 DN ₇₁	2003 10 30.4	02 17.11 +13 44.4 17.9	-0.81 - 4.3	0.0/30.5	47858
2002 NN ₂₈	2003 10 30.4	02 17.14 +15 55.4 17.7	-0.86 - 2.8	0.8/31.1	50614
2002 GW ₁₃₁	2003 10 30.4	02 17.15 +14 07.5 16.7	-0.90 - 9.0	12.0/20.0	50065
2000 CV ₃₁	2003 10 30.4	02 17.17 +26 59.5 18.8	-0.87 - 3.8	3.9/03.2	35510
2000 XQ ₂₂	2003 10 30.4	02 17.20 +22 39.5 18.1	-1.15 - 4.1	3.6/01.7	31928
1999 XE ₂₀₃	2003 10 30.5	02 17.11 +59 08.3 17.6	-1.26 - 4.4	18.3/20.0	38859
2000 ET ₉₃	2003 10 30.5	02 17.16 +31 52.0 17.9	-0.88 - 3.3	4.9/04.6	38258
2002 JX ₂₃	2003 10 30.5	02 17.18 +08 46.3 19.1	-1.01 - 4.6	2.0/29.3	48233
1998 YT ₅	2003 10 30.5	02 17.22 +13 10.5 18.6	-0.84 - 3.6	0.2/30.4	35464
2001 KF ₇₄	2003 10 30.5	02 17.31 -01 26.8 21.1	-0.75 - 3.0	3.8/26.4	15103
2001 FF ₃₉	2003 10 30.5	02 17.34 +18 48.2 18.9	-0.94 - 3.5	1.8/31.9	48019
2002 LO ₃₃	2003 10 30.5	02 17.34 +24 47.3 18.9	-1.04 - 6.0	3.9/02.6	33614
1999 RX ₂₂₄	2003 10 30.5	02 17.40 +19 41.0 19.9	-1.06 - 4.5	2.2/01.1	31863
2001 DG ₉₂	2003 10 30.5	02 17.40 +17 53.9 19.7	-0.93 - 3.6	1.3/31.6	37546

2001 HM ₂₃	2003 10 30.5	02 17.44 +09 48.1	19.9	-0.83	-	5.6	1.3/29.5	48029
1999 XU ₁₇₃	2003 10 30.5	02 17.44 -14 11.6	17.9	-1.00	+	0.5	10.6/23.5	1557
1998 QS ₂₈	2003 10 30.5	02 17.45 +28 51.8	19.2	-0.99	-	5.2	5.5/04.0	33027
2001 GR ₁	2003 10 30.5	02 17.51 -07 00.8	19.4	-0.75	-	3.3	5.6/24.8	35551
1999 VM ₁₄₃	2003 10 30.6	02 17.49 +03 38.0	19.2	-1.11	+	1.3	3.2/28.6	13624
1998 SO ₅₅	2003 10 30.6	02 17.65 +16 47.2	18.4	-0.90	-	3.6	1.1/31.4	47745
1999 VR ₁₈₈	2003 10 30.6	02 17.67 +02 42.2	18.5	-0.92	-	2.3	3.5/27.9	33841
2000 AP ₅₂	2003 10 30.6	02 17.72 +21 44.2	17.6	-0.98	-	5.1	3.4/01.8	50451
2001 FK ₃₆	2003 10 30.6	02 17.72 +10 51.3	19.0	-0.90	-	6.0	1.0/29.8	35545
2002 JH ₁₄₈	2003 10 30.6	02 17.80 -00 50.2	19.2	-0.83	-	2.4	4.9/26.9	50611
2002 EQ	2003 10 30.6	02 17.83 +09 57.9	20.6	-0.99	-	5.7	1.3/29.7	30700
1993 FL ₁₉	2003 10 30.6	02 17.85 -00 30.4	19.3	-0.85	-	6.1	4.7/26.6	33754
2141 P-L	2003 10 30.7	02 17.88 +13 21.9	16.3	-0.95	-	6.2	10.6/20.0	8351
2000 AP ₁₉₁	2003 10 30.7	02 17.89 +21 25.4	17.0	-0.81	-11.2	3.0/02.3	50455	
2000 AR ₂₃	2003 10 30.7	02 17.90 +09 07.2	18.4	-0.90	-	2.8	1.6/29.5	47839
2001 FN ₁₀₆	2003 10 30.7	02 17.90 -08 54.9	17.8	-0.80	-	5.2	9.1/24.0	50530
1998 SJ ₈₁	2003 10 30.7	02 17.91 +14 29.1	18.9	-0.90	-	3.2	0.3/30.9	50393
2001 FH ₂₇	2003 10 30.7	02 18.01 +29 23.9	18.8	-1.04	-	2.6	5.6/03.8	16093
2000 AD ₁₈₃	2003 10 30.7	02 18.02 +22 31.5	19.0	-0.88	-	8.7	3.0/02.4	14192
1999 JX ₅₀	2003 10 30.7	02 18.03 +06 30.4	18.7	-1.09	-	3.6	3.1/29.0	47779
2000 WK ₆	2003 10 30.7	02 18.08 +08 52.7	18.4	-1.04	-	3.5	2.4/29.6	47987
1999 XB ₂₁₅	2003 10 30.7	02 18.12 +06 20.8	19.2	-0.84	-	5.1	2.7/28.7	47836
2001 CX ₂₅	2003 10 30.7	02 18.16 +00 34.0	20.3	-0.83	-	3.9	3.7/27.2	35540
2000 CG ₇₆	2003 10 30.7	02 18.24 +43 01.6	19.7	-1.02	-	1.6	7.2/08.1	41601
1999 YT ₇	2003 10 30.7	02 18.31 -04 50.8	19.0	-1.00	+	0.8	7.6/27.0	31316
1993 HO ₂	2003 10 30.7	02 18.34 +10 00.3	19.4	-0.96	-	3.6	1.3/29.8	33754
1999 WC	2003 10 30.8	02 18.27 +31 10.0	17.9	-1.16	-	2.0	6.2/04.2	12202
2000 WC ₃₇	2003 10 30.8	02 18.28 +02 11.8	18.5	-1.00	-	5.1	4.3/27.7	35536
2000 WA ₉₇	2003 10 30.8	02 18.41 +10 26.8	19.6	-1.05	-	4.9	1.3/30.0	22741
2000 AB ₁₉₁	2003 10 30.8	02 18.45 -08 03.9	18.4	-0.82	-	6.1	8.3/24.0	17141
1999 TR ₆₅	2003 10 30.8	02 18.53 +15 02.5	18.7	-1.02	-	4.5	10.3/11.0	11576
1979 MP ₈	2003 10 30.8	02 18.57 +19 27.1	19.5	-0.98	-	5.4	1.9/01.4	47679
2001 FS ₁₂₀	2003 10 30.8	02 18.62 +10 28.5	19.9	-0.94	-	4.3	1.2/30.0	14424
2000 ET ₅₃	2003 10 30.8	02 18.71 +14 38.1	17.9	-0.83	-	3.9	8.3/20.0	50464
2000 BP ₄	2003 10 30.8	02 18.71 +31 54.3	17.4	-1.10	-	1.3	6.4/04.2	38241
1995 YY ₉	2003 10 30.8	02 18.72 +16 57.5	19.2	-0.89	-	5.5	1.1/31.8	10833
1999 VH ₁₅₉	2003 10 30.8	02 18.73 +18 43.5	18.7	-1.00	-	3.4	2.0/01.1	17082
1999 WD ₄	2003 10 30.9	02 18.66 +09 10.3	17.0	-1.05	+	0.8	1.9/30.0	50440
1998 FD ₂₉	2003 10 30.9	02 18.70 +11 24.1	19.5	-1.00	-	5.5	0.9/30.3	47725
1999 RE ₈₃	2003 10 30.9	02 18.71 +15 47.2	19.7	-1.04	-	4.6	0.7/31.4	47790
2002 OL ₂₀	2003 10 30.9	02 18.74 +24 44.3	19.8	-0.83	-	6.7	3.4/03.2	48243
2001 DP ₅₉	2003 10 30.9	02 18.84 +24 14.0	19.0	-0.90	-	5.7	3.1/02.9	48012
2001 FO ₃₀	2003 10 30.9	02 18.85 +22 52.4	19.2	-0.93	-	8.3	3.1/02.6	35040
1999 YW ₁₂	2003 10 30.9	02 18.85 +26 28.3	18.9	-0.92	-	7.6	4.3/03.8	33852
1998 WG ₁₈	2003 10 30.9	02 18.94 +13 07.2	17.4	-0.92	-	1.0	0.2/30.8	50399
2001 FN ₁₇₂	2003 10 30.9	02 18.99 -03 51.4	19.2	-0.88	-	2.2	5.5/26.5	33907
2001 DC ₄₁	2003 10 30.9	02 19.00 +29 41.9	20.7	-1.11	-	2.1	5.2/03.8	11882
2001 JS ₆	2003 10 30.9	02 19.01 +14 30.2	19.1	-0.76	-	5.4	0.2/31.2	38304
2001 DU ₄₅	2003 10 30.9	02 19.01 -06 45.1	19.0	-0.85	-	7.2	7.2/24.6	13814
1997 ER ₂₅	2003 10 30.9	02 19.02 +12 55.0	18.9	-1.00	-	2.5	0.4/30.7	12116
1999 LK	2003 10 30.9	02 19.02 -09 30.9	19.2	-1.07	-	0.6	9.6/26.2	50411

2001 HJ ₄₈	2003 10 30.9	02 19.05 -10 25.1	19.0	-0.87	-	4.8	8.4/23.7	50534
2002 HO ₄	2003 10 30.9	02 19.09 -01 29.5	18.9	-1.03	+	0.3	5.5/27.8	33994
2001 EZ ₁₈	2003 10 30.9	02 19.13 +23 25.5	18.4	-1.00	-	6.5	3.8/02.7	17569
1999 TR ₃₉	2003 10 31.0	02 19.07 +00 04.6	18.3	-0.98	+	1.0	6.6/28.0	1476
2002 JM ₃₈	2003 10 31.0	02 19.10 +17 43.0	18.2	-1.24	+	2.8	1.6/31.7	50608
2001 HJ ₃₂	2003 10 31.0	02 19.12 +19 18.7	19.4	-0.88	-	1.5	1.4/01.3	35068
2001 FA ₃₁	2003 10 31.0	02 19.18 +11 48.6	19.6	-0.98	-	5.0	0.8/30.5	13828
1999 XR ₇₄	2003 10 31.0	02 19.20 +15 39.0	17.4	-0.68	-	7.3	0.9/31.6	49759
1998 FD ₁₀₆	2003 10 31.0	02 19.21 +23 38.5	19.4	-1.09	-	3.9	3.7/02.5	47727
2001 KG ₂₆	2003 10 31.0	02 19.22 +19 03.8	19.3	-0.77	-	4.0	1.4/01.5	48032
1999 RN ₁	2003 10 31.0	02 19.25 +16 37.3	17.7	-0.90	-	5.1	1.3/31.8	50413
1998 KR ₂₃	2003 10 31.0	02 19.27 +04 50.0	19.3	-1.00	-	4.8	3.5/28.7	13566
2000 DX ₁₀₅	2003 10 31.0	02 19.30 -01 54.8	19.5	-0.77	-	4.1	4.8/26.6	31901
1998 SN ₂₄	2003 10 31.0	02 19.31 +08 17.7	18.6	-0.88	-	3.4	2.1/29.6	37768
2001 FD ₁₄₂	2003 10 31.0	02 19.31 +05 37.0	20.0	-0.81	-	6.4	2.5/28.7	35058
2002 GX ₁₀	2003 10 31.0	02 19.32 +27 31.1	18.3	-1.98	+13.2	7.6/31.8	50047	
2002 NX ₄₇	2003 10 31.0	02 19.32 +18 44.1	19.5	-0.93	-	5.9	1.6/01.4	35226
2001 CV ₉	2003 10 31.0	02 19.36 +36 55.8	19.0	-1.20	-	3.3	8.4/06.6	48008
1999 RE ₁₁	2003 10 31.0	02 19.39 +10 24.9	17.7	-0.95	-	3.2	1.7/30.2	50414
2001 BD ₃₁	2003 10 31.0	02 19.40 +17 58.3	19.1	-1.03	-	5.0	1.8/01.1	12275
1999 WR ₁	2003 10 31.0	02 19.48 +03 44.9	18.0	-1.22	+	3.7	3.9/29.4	13626
2000 AV ₂₄₂	2003 10 31.0	02 19.49 +12 20.0	17.6	-0.78	-	7.0	0.5/30.6	35508
2002 NY ₂₂	2003 10 31.0	02 19.49 +28 26.0	18.8	-0.95	-	5.3	4.4/04.2	35584
2002 JX ₁₄₀	2003 10 31.0	02 19.50 +05 28.7	18.5	-0.88	-	5.1	3.5/28.8	31751
2000 GP ₂₁	2003 10 31.1	02 19.43 +12 21.0	18.9	-0.81	-	4.7	0.5/30.7	35527
1999 TL ₅₂	2003 10 31.1	02 19.53 +16 41.4	19.2	-1.00	-	5.9	1.2/31.9	1477
1999 RJ ₅₈	2003 10 31.1	02 19.58 +04 18.8	18.9	-0.94	-	6.5	3.8/28.5	33818
1998 KT ₇	2003 10 31.1	02 19.62 +02 02.8	18.3	-1.10	+	1.2	4.7/28.9	33768
2002 GR ₂₁	2003 10 31.1	02 19.62 +16 12.5	19.2	-0.99	-	7.5	0.9/31.8	50602
2000 PL ₁₈	2003 10 31.1	02 19.66 +55 21.9	19.5	-1.69	+	2.2	21.9/13.1	47908
4259 P-L	2003 10 31.1	02 19.68 +15 05.9	19.2	-0.80	-	5.6	0.4/31.5	13873
2000 DJ ₁₁	2003 10 31.1	02 19.77 +08 38.6	20.0	-0.76	-	5.1	1.6/29.7	47854
2002 LD ₁₂	2003 10 31.1	02 19.79 +06 38.7	19.8	-0.97	-	4.7	2.6/29.3	33599
1993 PS ₅	2003 10 31.1	02 19.79 -03 25.1	18.1	-0.69	-	7.7	7.3/25.5	50369
1999 XV ₃₇	2003 10 31.1	02 19.81 +34 04.9	17.9	-0.98	-	2.9	9.5/05.8	38138
1997 ES ₄₂	2003 10 31.1	02 19.86 +12 35.1	19.7	-0.92	-	5.6	0.5/30.8	33761
2001 DB ₆₄	2003 10 31.1	02 19.89 +17 32.9	19.6	-1.05	-	5.0	1.4/01.1	10811
1999 VC ₁₈₇	2003 10 31.2	02 19.86 +10 18.9	18.4	-0.91	-	6.5	1.5/30.2	31879
1999 TZ ₆₂	2003 10 31.2	02 19.89 +13 18.5	19.1	-1.07	-	0.5	0.2/31.1	11575
1999 NQ ₅₆	2003 10 31.2	02 20.00 +24 30.3	19.2	-1.08	-	8.2	4.0/03.4	36547
2001 HG ₄₃	2003 10 31.2	02 20.03 +16 03.2	20.0	-0.79	-	4.2	0.6/31.8	33412
2000 BF ₁₇	2003 10 31.2	02 20.07 +21 09.0	18.6	-0.93	-	3.4	2.7/02.1	47847
2002 GA ₉₅	2003 10 31.2	02 20.11 +22 43.9	18.5	-1.11	-	5.6	3.6/02.6	31567
2002 JZ ₁₂₆	2003 10 31.2	02 20.13 +04 22.2	18.1	-0.90	-	7.4	4.4/28.5	48237
1998 HR ₉₈	2003 10 31.2	02 20.15 +12 58.2	18.0	-1.06	-	2.3	0.4/31.0	38185
2000 YZ ₁₂₅	2003 10 31.2	02 20.15 +13 56.7	18.5	-1.11	-	1.9	0.0/31.3	10666
1996 BJ ₁₀	2003 10 31.2	02 20.20 +10 26.0	19.2	-0.83	-	5.9	1.1/30.3	47701
2001 BX ₇₁	2003 10 31.2	02 20.29 +04 50.3	20.9	-0.92	-	5.2	3.1/28.8	48008
2000 EE ₄₀	2003 10 31.3	02 20.29 +19 24.6	17.9	-0.85	-	3.1	1.7/01.7	50464
2002 JB ₁₁₆	2003 10 31.3	02 20.33 -04 28.9	18.4	-1.05	+	1.9	6.1/28.0	32032
2002 JX ₅₄	2003 10 31.3	02 20.37 +12 28.8	19.6	-1.01	-	4.3	0.5/31.0	48234

1999 XD ₂₈	2003 10 31.3	02 20.37 +08 21.0 19.1	-0.95 - 4.2	2.0/29.9	38224
1997 AL ₃	2003 10 31.3	02 20.41 -03 26.5 19.4	-0.91 - 3.3	5.5/26.9	33760
2002 QO ₁₄	2003 10 31.3	02 20.41 +29 45.0 19.6	-0.82 - 4.6	4.1/05.0	48252
1998 YZ ₂₁	2003 10 31.3	02 20.43 +10 35.7 20.1	-1.14 - 5.5	1.2/30.5	20713
2002 JK ₅	2003 10 31.3	02 20.47 +15 08.7 20.3	-1.00 - 5.1	0.4/31.7	30178
2001 CP ₃	2003 10 31.3	02 20.47 +13 43.2 17.9	-1.02 - 3.6	0.1/31.3	33894
2002 JN ₇₈	2003 10 31.3	02 20.47 +15 09.9 19.1	-1.07 - 4.0	0.5/31.6	48235
1999 RK ₁₅₃	2003 10 31.3	02 20.51 +07 52.5 19.2	-0.95 - 6.8	2.3/29.7	33822
2002 JA ₃₄	2003 10 31.3	02 20.52 +14 03.6 17.5	-1.03 - 7.6	0.0/31.4	33997
2002 GK ₆₆	2003 10 31.3	02 20.53 +07 13.9 17.6	-0.95 - 7.4	3.0/29.5	50053
2002 JV ₂₄	2003 10 31.3	02 20.57 +10 19.1 20.0	-0.99 - 5.3	1.3/30.4	32017
2001 FU ₁₁₇	2003 10 31.3	02 20.60 +16 42.9 18.7	-0.85 - 8.0	0.8/01.2	50531
2002 GD ₃₅	2003 10 31.3	02 20.60 +02 57.8 19.3	-1.07 - 1.9	4.4/29.0	31508
1999 RJ ₂₄₉	2003 10 31.3	02 20.66 +13 35.1 19.0	-1.07 - 3.3	0.2/31.3	31863
1998 FM ₇₇	2003 10 31.3	02 20.67 +09 07.1 19.0	-1.05 - 2.9	1.8/30.2	9070
2001 FB ₁₃₅	2003 10 31.4	02 20.59 +31 37.6 18.8	-0.92 - 7.4	5.4/06.0	33906
1995 MG ₈	2003 10 31.4	02 20.60 +01 59.7 20.5	-0.96 - 5.7	4.6/28.2	33757
2002 PO ₂₂	2003 10 31.4	02 20.60 -02 15.4 19.8	-0.75 - 4.5	4.7/26.8	33722
2000 CW ₈₁	2003 10 31.4	02 20.60 +05 19.4 19.2	-0.74 - 3.8	2.2/29.0	38246
2001 FQ ₁₀	2003 10 31.4	02 20.62 +12 40.9 19.6	-0.89 - 5.1	0.5/31.0	13281
1999 XY ₅₃	2003 10 31.4	02 20.64 +12 07.7 17.7	-0.86 - 6.0	0.9/30.9	38142
2001 FF ₁₈₅	2003 10 31.4	02 20.68 +11 07.7 21.6	-0.73 - 3.6	0.7/30.6	17596
2002 KX ₆	2003 10 31.4	02 20.69 +25 59.5 18.3	-0.81 - 7.1	3.3/04.2	38336
1998 SE ₄₈	2003 10 31.4	02 20.74 +21 59.0 19.6	-1.01 - 0.7	2.6/02.2	16851
2002 JX ₂₅	2003 10 31.4	02 20.76 +08 45.5 19.6	-1.04 - 6.8	2.1/30.0	33997
2001 GJ ₈	2003 10 31.4	02 20.76 +04 11.3 20.4	-0.81 - 2.3	2.7/29.0	15097
2002 GE ₃	2003 10 31.4	02 20.77 +17 10.5 19.6	-1.18 - 2.8	1.2/01.2	30120
2002 JX ₁₀	2003 10 31.4	02 20.83 +13 35.6 21.0	-1.01 - 4.7	0.2/31.3	33996
2000 HK ₂₈	2003 10 31.4	02 20.87 -14 19.3 18.3	-0.98 + 2.0	8.5/25.0	2507
2001 CT ₃₉	2003 10 31.4	02 20.91 +19 00.8 17.4	-1.13 - 1.1	2.3/01.5	10785
2000 FV ₇₃	2003 10 31.4	02 20.93 -17 29.5 19.2	-0.73 - 4.5	8.2/21.3	3932
2002 GN ₁₄₂	2003 10 31.4	02 20.98 +08 52.6 18.3	-1.00 - 3.3	2.3/30.2	31597
2001 FQ ₁₉	2003 10 31.4	02 21.01 +16 12.7 20.4	-0.90 - 5.0	0.7/01.1	13287
1999 VG ₁₀₂	2003 10 31.4	02 21.06 +05 55.1 19.3	-1.00 - 1.0	2.6/29.7	12194
2000 DA ₂₉	2003 10 31.4	02 21.06 +31 26.9 20.3	-0.94 - 2.5	5.2/05.2	33211
2001 FM ₁₀₀	2003 10 31.4	02 21.07 +36 32.3 18.7	-1.07 - 4.5	8.0/07.1	50530
1998 BQ ₁₈	2003 10 31.5	02 21.04 +02 54.1 19.7	-0.94 - 5.2	3.8/28.6	33764
1999 VT ₉₈	2003 10 31.5	02 21.04 +12 53.8 19.7	-0.96 - 3.8	0.4/31.2	10927
2002 GA ₁₈	2003 10 31.5	02 21.07 +10 24.7 17.4	-1.12 + 2.1	1.9/30.9	50601
1999 VM ₂₁	2003 10 31.5	02 21.11 +13 54.2 18.4	-0.93 - 5.2	0.1/31.5	12188
1999 VU ₄₉	2003 10 31.5	02 21.12 +13 18.9 17.4	-1.02 + 1.0	0.4/31.4	1524
2002 OB ₈	2003 10 31.5	02 21.13 +18 17.0 18.6	-0.80 - 4.4	1.4/01.7	48242
1999 TF ₇₄	2003 10 31.5	02 21.18 +15 06.8 18.6	-0.90 - 4.8	0.5/31.8	10907
2027 T-2	2003 10 31.5	02 21.19 +17 34.0 18.0	-0.97 - 4.3	1.6/01.4	12343
2001 BJ ₃₆	2003 10 31.5	02 21.21 +02 22.4 18.2	-1.01 - 1.4	5.3/28.9	50519
1999 XJ ₅₉	2003 10 31.5	02 21.22 +18 40.7 17.9	-0.94 - 5.9	1.8/01.8	34826
2000 VH ₂	2003 10 31.5	02 21.23 -23 03.6 18.5	-1.12 - 0.1	13.1/21.2	34971
2002 JT ₂₄	2003 10 31.5	02 21.26 +07 24.2 19.4	-1.03 - 2.5	2.5/30.0	31641
2002 PX ₁₀₂	2003 10 31.5	02 21.28 +32 30.8 19.4	-0.91 - 4.8	5.7/05.9	48248
2000 AR ₂₂₆	2003 10 31.5	02 21.28 +05 27.7 18.7	-0.87 - 3.5	3.1/29.4	30349
1999 NN	2003 10 31.5	02 21.30 +20 47.3 19.9	-1.10 - 5.4	2.5/02.3	31855

2002 PD ₁₆	2003 10 31.5	02 21.33 -03 06.9 19.6	-0.76 - 3.7	5.0/26.9	35246
2001 AX ₂₀	2003 10 31.5	02 21.42 +20 52.5 17.1	-1.06 - 4.8	3.2/02.3	50516
2001 FP ₁₇₀	2003 10 31.5	02 21.43 -00 35.4 20.5	-0.81 - 6.7	4.3/27.2	16094
1997 JK ₁₅	2003 10 31.5	02 21.45 +12 41.7 19.2	-0.86 - 5.7	0.5/31.2	27589
2001 AA ₂₈	2003 10 31.5	02 21.47 +16 13.7 18.3	-1.16 - 1.8	0.9/01.1	9595
1999 XN ₁₈₅	2003 10 31.5	02 21.48 +12 33.2 16.9	-1.12 + 1.6	0.6/31.3	18221
2002 HC	2003 10 31.5	02 21.51 +12 19.6 18.5	-2.17 +18.2	1.0/31.6	31608
2002 LK ₂₉	2003 10 31.6	02 21.39 +26 35.5 19.7	-0.92 - 6.9	3.8/04.3	48239
2002 TA ₁₇₂	2003 10 31.6	02 21.41 +37 03.7 18.0	-0.89 - 5.7	6.7/07.8	50147
2002 NR ₄₁	2003 10 31.6	02 21.42 +01 14.2 18.7	-0.82 - 2.7	4.1/28.3	35223
2001 HK ₁	2003 10 31.6	02 21.46 +11 19.9 19.4	-0.81 - 7.8	0.8/30.8	33407
1999 XP ₇₂	2003 10 31.6	02 21.47 -06 01.8 17.3	-1.00 + 1.4	8.1/27.4	13047
2001 FM ₄₄	2003 10 31.6	02 21.53 +11 22.2 20.6	-0.88 - 5.8	0.8/30.9	14268
2000 DD ₄₃	2003 10 31.6	02 21.56 +16 43.3 19.8	-0.85 - 3.5	0.8/01.3	9320
2002 LP ₁₀	2003 10 31.6	02 21.61 -00 10.9 17.3	-0.81 - 2.9	5.4/28.0	50612
2001 BY ₅₈	2003 10 31.6	02 21.68 +08 25.0 20.1	-0.96 - 4.9	2.0/30.2	13807
2000 WQ ₉₆	2003 10 31.6	02 21.69 +23 58.1 19.4	-1.07 - 7.2	3.7/03.4	11809
2000 DK ₂	2003 10 31.6	02 21.73 +11 17.3 19.1	-0.79 - 3.7	0.8/30.9	41603
1999 XH ₁₄₄	2003 10 31.6	02 21.75 +00 55.4 16.9	-1.08 + 3.7	5.8/29.4	50445
2001 CJ ₃₂	2003 10 31.6	02 21.80 +13 16.6 18.9	-0.93 - 2.0	0.2/31.5	37539
2001 JM ₃	2003 10 31.6	02 21.82 +17 20.5 19.6	-0.84 - 5.8	0.9/01.6	35555
2000 WA ₁₇₃	2003 10 31.6	02 21.82 -34 06.6 17.7	-1.11 +13.0	25.7/29.3	47994
2001 KZ ₅₀	2003 10 31.7	02 21.77 +20 49.2 18.6	-0.76 - 6.8	1.8/02.7	38307
2001 CB ₅	2003 10 31.7	02 21.78 +29 11.1 19.7	-1.06 - 2.2	4.8/04.5	13809
2000 YE ₅₅	2003 10 31.7	02 21.91 +21 26.4 18.1	-0.99 - 5.2	3.6/02.7	11015
2002 JC ₁₂₈	2003 10 31.7	02 21.98 +05 10.2 19.0	-0.98 - 5.4	3.5/29.4	34006
1999 XJ ₁₄₄	2003 10 31.7	02 22.00 +00 45.9 15.9	-1.03 + 2.6	5.8/29.2	50445
2002 NU ₂₄	2003 10 31.7	02 22.11 +17 30.4 20.9	-0.80 - 4.8	0.9/01.7	48241
2001 AQ ₃₂	2003 10 31.7	02 22.11 +07 48.2 19.9	-1.05 - 2.9	2.3/30.3	48004
1999 TW ₁₂₆	2003 10 31.7	02 22.13 +19 13.9 18.5	-1.00 - 5.1	1.9/02.1	47806
2002 GH ₉₉	2003 10 31.7	02 22.17 +10 47.7 18.8	-1.05 - 5.1	1.5/30.9	50604
2002 LH ₂₆	2003 10 31.7	02 22.17 +07 08.0 19.0	-1.01 - 4.6	2.6/30.0	33609
1994 CA ₁₆	2003 10 31.7	02 22.19 +23 45.9 19.0	-1.07 - 3.5	3.1/03.2	23425
1999 RN ₅₀	2003 10 31.7	02 22.19 +31 33.6 18.2	-1.24 - 2.9	7.6/05.4	50415
2000 QF ₇₀	2003 10 31.7	02 22.30 +52 05.3 19.3	-2.01 + 4.5	18.5/09.1	29239
2000 AM ₇	2003 10 31.8	02 22.21 +07 31.3 17.7	-0.93 - 1.5	2.2/30.3	31888
1998 YH ₁₂	2003 10 31.8	02 22.27 +41 12.0 18.8	-0.93 - 4.7	7.7/09.3	35464
1994 CM ₁₂	2003 10 31.8	02 22.29 +12 58.5 19.9	-1.04 - 4.8	0.4/31.5	38175
1998 KB ₇	2003 10 31.8	02 22.32 +12 58.7 18.2	-0.94 - 7.3	0.4/31.5	50386
1998 MQ ₄₀	2003 10 31.8	02 22.33 +16 01.9 19.4	-0.93 - 6.1	0.7/01.4	31818
1999 XP ₁₀₆	2003 10 31.8	02 22.35 +18 16.4 17.7	-1.17 + 3.6	2.0/01.5	49760
2002 JP ₁₄	2003 10 31.8	02 22.40 +01 59.4 19.2	-0.76 - 9.2	3.5/28.1	33996
1999 XW ₁₈₆	2003 10 31.8	02 22.46 +17 17.7 18.3	-0.99 - 1.9	1.0/01.6	50446
1999 VL ₂₂₀	2003 10 31.8	02 22.46 +22 00.7 19.3	-0.98 - 5.3	2.8/03.0	33841
2002 OZ ₁₀	2003 10 31.8	02 22.50 +30 08.9 19.7	-0.95 - 4.2	4.7/05.3	35235
1996 BC	2003 10 31.8	02 22.51 +04 47.0 19.1	-0.89 - 4.0	3.5/29.4	50375
2002 JL ₂₈	2003 10 31.8	02 22.52 +10 15.0 21.1	-1.05 - 2.5	1.4/31.0	32018
2001 OJ ₈₄	2003 10 31.8	02 22.55 -26 07.7 20.0	-0.84 - 0.2	10.8/20.1	31950
1999 VM ₁₀₁	2003 10 31.8	02 22.56 +10 59.4 20.3	-0.96 - 2.5	1.4/31.1	4949
1996 UB ₄	2003 10 31.8	02 22.58 +08 28.9 18.6	-0.90 - 8.6	2.6/30.2	9685
2002 JX ₁₁₅	2003 10 31.8	02 22.64 +11 28.1 18.5	-1.17 + 1.8	0.9/31.4	31740

2002 HU ₁₂	2003 10 31.8	02 22.67	-24 04.4	19.3	-1.44	+	5.4	17.4/24.9	30743
2002 JD ₂₁	2003 10 31.9	02 22.56	+15 25.1	19.5	-1.08	-	3.8	0.5/01.2	48233
2002 GB ₆₅	2003 10 31.9	02 22.60	+11 24.7	20.2	-0.98	-	5.6	1.0/31.2	31534
2130 P-L	2003 10 31.9	02 22.60	+26 27.6	17.7	-0.98	-	2.2	4.2/04.1	16166
2000 CF ₈₁	2003 10 31.9	02 22.62	+32 44.9	19.2	-0.89	-	3.1	4.8/06.1	38246
2001 HK ₅₈	2003 10 31.9	02 22.63	-01 43.9	18.2	-0.83	-	1.0	4.8/28.1	50534
1999 XS ₁₁₄	2003 10 31.9	02 22.66	+28 10.2	17.2	-1.18	-	1.0	5.1/04.2	50444
1999 XQ ₁₁₈	2003 10 31.9	02 22.69	+19 26.1	18.8	-0.94	-	5.2	1.7/02.3	35495
1999 RE ₂₅	2003 10 31.9	02 22.70	+17 00.3	17.5	-0.99	-	5.4	1.2/01.7	50414
1998 MR ₁₇	2003 10 31.9	02 22.84	+35 12.0	20.3	-1.13	-	6.9	6.2/07.5	33346
2002 JP ₇₃	2003 10 31.9	02 22.85	+05 09.0	20.3	-1.00	-	6.6	3.2/29.5	48235
1999 XC ₂₁₅	2003 10 31.9	02 22.90	+03 15.8	18.7	-0.85	-	4.3	4.0/29.0	17113
1999 UD ₂₆	2003 10 31.9	02 22.91	+25 35.4	18.8	-1.18	-	0.7	4.2/03.5	47816
1999 TO ₂₃₆	2003 10 31.9	02 22.96	+03 05.7	17.9	-0.94	-	3.2	4.0/29.3	50430
2000 CO ₇₇	2003 10 31.9	02 22.97	+35 57.8	19.8	-0.99	-	1.6	6.0/06.7	38246
2002 GX ₁₆₃	2003 11 01.0	02 22.96	+10 33.2	18.7	-1.08	-	4.2	1.4/31.1	33993
2002 JA ₂₆	2003 11 01.0	02 23.12	+07 08.7	20.0	-0.95	-	3.7	2.5/30.3	32018
1997 SZ ₄	2003 11 01.0	02 23.14	+33 21.4	18.4	-1.10	+	0.8	5.9/05.4	50379
2000 DV ₂₅	2003 11 01.0	02 23.25	+12 29.1	19.9	-0.81	-	4.1	0.5/31.6	50460
2002 JQ ₁₁₇	2003 11 01.0	02 23.26	-10 55.4	19.3	-0.86	-	2.8	9.2/25.6	50611
2000 EF ₉₄	2003 11 01.0	02 23.30	+25 22.8	17.7	-0.85	-	5.1	3.6/04.2	35521
2000 ET ₁₇₁	2003 11 01.0	02 23.32	+01 48.3	18.5	-0.81	-	1.9	3.7/29.0	1262
2001 DX ₁₀₀	2003 11 01.0	02 23.35	+03 33.0	19.2	-0.97	-	2.8	3.8/29.5	33899
2002 GA ₇₈	2003 11 01.0	02 23.37	+13 10.8	18.1	-0.99	-	8.0	0.4/31.8	31548
1999 RL ₁₇₄	2003 11 01.0	02 23.38	+10 38.8	19.5	-1.01	-	4.6	1.3/31.2	30312
2002 HY ₂	2003 11 01.1	02 23.42	+07 44.2	19.2	-1.04	-	6.0	2.5/30.4	30161
2002 PM ₂₃	2003 11 01.1	02 23.44	+13 14.1	17.6	-0.79	-	5.0	0.3/31.8	35599
1999 RZ ₁₁	2003 11 01.1	02 23.47	+22 24.4	18.5	-1.12	-	2.6	3.6/03.1	46372
2002 JG ₆₉	2003 11 01.1	02 23.56	+00 44.2	18.8	-1.68	+	8.7	6.8/30.8	31700
2001 FG ₁₄₄	2003 11 01.1	02 23.57	+04 40.9	19.5	-0.79	-	7.2	2.9/29.3	35550
2001 HC ₁₀	2003 11 01.1	02 23.64	+06 04.8	21.0	-0.96	-	1.7	2.6/30.3	48028
2002 JH ₆₆	2003 11 01.1	02 23.66	+05 53.6	19.3	-0.93	-	3.6	2.7/30.1	34000
2002 QX	2003 11 01.1	02 23.69	+06 42.1	18.7	-0.75	-	4.0	2.2/30.1	35347
2001 EN ₂	2003 11 01.1	02 23.71	+07 45.2	20.1	-0.98	-	1.9	2.2/30.7	48014
2002 JN ₅₀	2003 11 01.1	02 23.76	+17 39.8	18.0	-1.02	-	7.6	1.3/02.1	33998
2002 LS ₂₆	2003 11 01.2	02 23.72	+23 30.9	19.1	-0.83	-	6.7	3.2/04.0	48239
1997 GT ₁	2003 11 01.2	02 23.72	+13 28.3	18.8	-0.91	-	5.3	0.3/32.0	50378
2001 BQ ₃₄	2003 11 01.2	02 23.73	-03 14.6	19.7	-0.84	-	5.5	5.3/27.2	48006
2001 BD ₇₃	2003 11 01.2	02 23.73	+20 14.4	18.4	-1.01	-	8.2	2.7/02.9	23617
2000 AS ₁₉₀	2003 11 01.2	02 23.73	-03 44.8	17.2	-0.78	-	7.1	7.3/26.6	49783
2000 GK ₉₅	2003 11 01.2	02 23.74	+15 39.1	19.3	-0.82	-	6.4	0.4/01.6	47881
2000 BK ₁₀	2003 11 01.2	02 23.78	+04 28.1	18.9	-0.82	-	4.1	3.4/29.6	40446
2001 DS ₆₁	2003 11 01.2	02 23.78	+09 03.5	19.9	-0.93	-	5.2	1.9/30.8	14419
1999 TC ₂₁₈	2003 11 01.2	02 23.83	+09 19.9	18.5	-0.85	-	7.3	2.2/30.8	50429
2000 DN ₈₅	2003 11 01.2	02 23.94	-00 25.5	18.5	-0.81	-	3.2	4.7/28.4	38252
2002 LR ₅	2003 11 01.2	02 23.97	-02 16.1	19.1	-0.72	-	6.8	4.3/27.3	38336
1999 TD ₄₆	2003 11 01.2	02 24.03	+14 58.6	18.1	-1.03	-	3.2	0.3/01.4	13611
2002 TB ₃₁₇	2003 11 01.2	02 24.14	+04 45.1	20.4	-0.72	-	6.8	2.5/29.4	50154
2002 PL ₄₀	2003 11 01.2	02 24.14	+49 29.0	19.2	-1.46	-	1.7	10.8/10.8	38348
2002 NX ₄₈	2003 11 01.2	02 24.16	-03 27.9	19.4	-0.78	-	3.8	5.2/27.5	35589
2002 JZ ₆₇	2003 11 01.3	02 24.11	+17 07.8	19.8	-0.97	-	6.9	1.0/02.1	34000

1999 RR ₈	2003 11 01.3	02 24.25	+05 44.2	18.6	-0.95	-	7.3	3.5/29.9	12149
2002 JK ₅₅	2003 11 01.3	02 24.27	+14 06.2	20.3	-0.99	-	5.3	0.1/01.3	32022
1999 RE ₁₃₃	2003 11 01.3	02 24.36	+21 32.3	19.3	-1.06	-	6.8	2.6/03.3	29082
1999 JE ₁₂₃	2003 11 01.3	02 24.38	+09 24.5	19.6	-1.10	-	3.9	2.0/31.2	30299
1999 XF ₁₁₈	2003 11 01.3	02 24.39	+24 13.2	19.1	-0.93	-	7.4	3.2/04.3	35495
2002 JB ₇₅	2003 11 01.3	02 24.41	+16 22.0	19.8	-1.01	-	5.1	0.7/01.9	48235
2002 LF ₃₇	2003 11 01.3	02 24.50	-07 40.0	18.2	-0.77	-	3.1	6.8/26.4	33619
2000 EL ₁₀₂	2003 11 01.3	02 24.52	+10 58.8	19.6	-0.84	-	5.3	1.0/31.5	7013
2001 BY ₃₅	2003 11 01.3	02 24.52	+09 48.8	20.0	-0.96	-	2.3	1.4/31.3	12276
2001 EC ₂	2003 11 01.3	02 24.53	+09 48.3	19.0	-1.09	-	1.5	1.7/31.4	33899
1999 RD ₇₀	2003 11 01.3	02 24.54	+11 06.3	20.7	-1.01	-	5.5	1.2/31.6	47789
2001 KO ₇₄	2003 11 01.3	02 24.55	+21 50.2	20.2	-0.78	-	5.8	2.0/03.6	48035
2002 JW ₆₃	2003 11 01.3	02 24.56	+17 57.4	19.2	-0.99	-	7.1	1.3/02.4	48235
2002 PR ₇₂	2003 11 01.4	02 24.55	+17 23.0	19.8	-0.81	-	6.9	0.9/02.3	50618
2001 HW ₁₄	2003 11 01.4	02 24.56	+17 01.4	19.7	-0.92	-	3.0	0.9/02.1	48028
2000 SN ₁₆₄	2003 11 01.4	02 24.59	+37 33.4	19.4	-1.77	+	4.1	10.6/05.2	33262
1999 RE ₁₇₇	2003 11 01.4	02 24.62	+17 39.8	18.3	-0.94	-	3.7	1.6/02.3	2654
2001 AR ₃₇	2003 11 01.4	02 24.64	+10 25.5	19.0	-1.05	-	1.5	1.3/31.6	12270
2000 AJ ₁₅₈	2003 11 01.4	02 24.69	+09 17.5	19.8	-0.92	-	3.2	1.8/31.2	47843
1999 VY ₁₄₁	2003 11 01.4	02 24.91	+16 16.8	20.1	-0.93	-	5.4	0.7/02.0	47823
2001 FW ₈₆	2003 11 01.4	02 24.91	-03 12.2	18.6	-0.78	-	4.4	5.8/27.6	50530
2000 XY ₂₈	2003 11 01.4	02 24.93	+22 47.3	18.2	-1.13	-	2.3	4.1/03.4	50510
2002 JW ₄	2003 11 01.5	02 24.91	+15 48.2	18.7	-1.09	-	3.7	0.6/01.8	38335
2002 GT ₄	2003 11 01.5	02 25.02	-04 57.4	18.3	-0.89	-22.6	8.9/24.8	50601	
2001 BK ₄₁	2003 11 01.5	02 25.03	+18 06.4	20.2	-0.98	-	6.3	1.1/02.5	38289
2002 NJ ₃₄	2003 11 01.5	02 25.15	+12 22.5	19.0	-0.85	-	5.8	0.7/32.0	48241
1999 TK ₂₇₈	2003 11 01.5	02 25.23	+15 23.9	19.5	-0.94	-	5.2	0.3/01.8	27648
1995 VN ₁₆	2003 11 01.5	02 25.26	+13 02.1	20.4	-1.03	-	2.9	0.5/01.3	30249
1999 RH ₁₄₁	2003 11 01.5	02 25.27	+25 51.6	18.9	-1.06	-	3.9	5.0/04.5	12155
2001 FK ₂₀	2003 11 01.5	02 25.27	+19 40.5	18.3	-0.89	-	4.7	1.7/03.0	35544
2000 EF ₁₂₁	2003 11 01.5	02 25.29	+22 00.0	18.5	-0.85	-	2.2	2.0/03.5	38260
2002 MT ₄	2003 11 01.6	02 25.30	+25 31.3	18.9	-0.93	-	1.8	3.6/04.3	48240
1999 RL ₁₃₄	2003 11 01.6	02 25.39	+28 07.0	18.0	-1.10	-	4.8	5.7/05.2	35477
2001 DZ ₈₇	2003 11 01.6	02 25.39	-03 17.8	19.5	-0.86	-	3.3	5.5/28.0	35542
2000 AC ₂₃	2003 11 01.6	02 25.39	+04 13.1	17.7	-0.92	-	1.6	3.8/30.3	50450
1999 RK ₁₁₃	2003 11 01.6	02 25.41	+01 40.8	18.1	-0.82	-11.4	5.7/28.5	50417	
1999 VG ₁₈₇	2003 11 01.6	02 25.46	+10 08.1	18.6	-0.92	-	5.0	1.6/31.5	13625
3275 T-3	2003 11 01.6	02 25.47	+15 43.3	19.6	-1.08	-	3.4	0.6/01.9	33739
2001 FK ₅₉	2003 11 01.6	02 25.54	+15 03.5	18.5	-1.06	-	3.5	0.3/01.8	13832
1998 FZ ₄	2003 11 01.6	02 25.57	+05 45.5	19.8	-1.00	-	4.1	3.1/30.5	47725
2001 EY ₂	2003 11 01.6	02 25.60	+09 40.9	19.4	-0.90	-	4.3	1.7/31.4	48014
1994 JG ₅	2003 11 01.6	02 25.62	+13 17.6	19.5	-0.98	-	5.8	0.4/01.4	12109
2001 FC ₁₉₁	2003 11 01.6	02 25.63	+02 34.0	18.2	-0.88	-	3.6	4.4/29.7	31946
1999 RD ₁₅	2003 11 01.6	02 25.78	+25 14.3	18.5	-1.13	-	2.1	4.7/04.2	12149
2000 EW ₈₆	2003 11 01.7	02 25.72	+27 38.2	19.1	-0.89	-	3.1	3.6/05.0	37407
2000 GG ₁₆₃	2003 11 01.7	02 25.72	-00 20.3	18.5	-0.81	-	2.7	4.6/28.8	3572
2001 KC ₁₈	2003 11 01.7	02 25.79	+03 53.8	19.0	-0.76	-	6.1	3.2/29.7	35556
1999 TQ ₁₂₆	2003 11 01.7	02 25.82	+07 37.1	18.4	-0.92	-	8.2	2.7/30.8	50426
2001 CO ₄₂	2003 11 01.7	02 25.82	+15 54.5	19.6	-0.96	-	3.1	0.5/02.1	35540
1991 PB ₃	2003 11 01.7	02 25.87	+47 08.9	18.1	-1.12	-	2.2	9.7/11.6	47683
2000 CU ₉₂	2003 11 01.7	02 25.92	+40 23.3	18.5	-1.07	-	0.3	7.2/08.3	50459

2000 YP ₉₉	2003 11 01.7	02 25.93 +00 35.2 18.7	-0.96 - 3.9	6.3/29.2	33890	2001 FS ₁₇	2003 11 02.2	02 27.78 +26 16.6 19.4	-1.04 - 1.7	3.7/05.0	35037
1999 SP ₆	2003 11 01.7	02 25.99 -06 58.6 19.0	-1.02 - 0.6	8.9/28.3	33091	2001 EA ₁₉	2003 11 02.2	02 27.85 -00 23.1 20.4	-0.81 - 6.3	4.6/28.9	48016
1999 XL ₃₇	2003 11 01.7	02 26.05 -12 36.0 16.8	-0.88 - 3.0	10.2/25.2	50442	2002 PD ₃₀	2003 11 02.2	02 27.95 +29 59.8 18.6	-0.91 - 3.4	4.8/06.4	48244
2002 PP ₄	2003 11 01.7	02 26.08 -10 45.1 19.8	-0.73 - 5.4	7.2/25.1	48244	1998 FZ ₅₇	2003 11 02.2	02 27.98 +18 27.2 18.2	-1.07 - 4.4	1.8/03.2	12120
1999 NM ₄₂	2003 11 01.7	02 26.11 +25 04.9 18.0	-1.01 - 5.4	5.1/05.0	49668	2000 WP ₁₈	2003 11 02.2	02 27.99 +21 11.3 18.0	-1.06 - 7.6	2.9/04.1	31922
1992 EY ₂₆	2003 11 01.7	02 26.11 +04 18.6 18.4	-0.83 - 6.0	4.4/29.9	47684	2002 JJ ₁₄₆	2003 11 02.2	02 28.02 -03 14.7 18.6	-0.96 - 1.6	6.2/29.1	34009
1988 SD ₂	2003 11 01.7	02 26.15 +14 42.7 18.1	-1.15 - 1.4	0.1/01.8	31801	2002 NV ₃₀	2003 11 02.2	02 28.08 +17 36.1 18.9	-0.89 - 4.4	1.0/03.1	48241
1999 TH ₇₄	2003 11 01.8	02 26.07 +11 49.1 20.5	-0.98 - 6.2	1.0/01.1	47804	2002 QS ₄₂	2003 11 02.2	02 28.09 +35 09.4 20.5	-1.01 - 2.1	5.8/07.8	48253
1998 FM ₁₀₃	2003 11 01.8	02 26.08 +20 13.4 19.3	-1.03 - 5.3	2.1/03.3	47727	2001 BU ₁₅	2003 11 02.2	02 28.11 -04 25.3 20.6	-0.93 - 4.6	6.4/28.1	48005
1999 XU ₂₃₄	2003 11 01.8	02 26.09 +11 22.4 17.6	-0.83 - 8.3	1.3/31.9	49770	2001 FM ₂₇	2003 11 02.3	02 28.06 +13 06.7 20.6	-0.76 - 4.9	0.4/01.9	48018
2002 JO ₄₆	2003 11 01.8	02 26.13 +20 26.5 18.1	-0.98 - 7.7	2.5/03.5	31669	1999 XF ₁₆₂	2003 11 02.3	02 28.07 +33 51.2 18.1	-1.15 - 0.5	7.1/06.7	50446
2000 DN ₈₃	2003 11 01.8	02 26.15 +00 03.4 19.7	-0.73 - 3.4	3.8/29.0	35517	1999 RC ₂₃₇	2003 11 02.3	02 28.08 +05 52.0 18.8	-1.02 - 2.5	3.4/31.3	31863
1997 SQ ₉	2003 11 01.8	02 26.24 +29 01.6 19.2	-0.97 - 1.1	4.6/05.3	47714	2001 HR ₁₅	2003 11 02.3	02 28.26 +15 07.9 18.8	-0.99 -14.9	0.2/02.5	13852
2002 JP ₁₀₁	2003 11 01.8	02 26.27 +11 31.9 17.8	-0.97 - 1.6	1.3/01.2	50085	2001 HG ₁₀	2003 11 02.3	02 28.32 +12 10.9 18.5	-0.72 - 8.6	0.7/01.6	33908
2002 JV ₉₄	2003 11 01.8	02 26.33 +16 36.9 18.5	-1.07 - 6.8	0.9/02.4	31725	2000 QF ₃₄	2003 11 02.3	02 28.32 +53 14.6 17.3	-1.90 + 6.5	21.0/10.8	50480
2002 GF ₁₆₀	2003 11 01.8	02 26.35 +07 02.9 19.8	-0.90 - 6.6	2.8/30.8	31605	2001 FL ₉₇	2003 11 02.3	02 28.33 -02 28.7 18.9	-0.86 - 6.1	5.3/28.5	35548
2002 JY ₇₂	2003 11 01.8	02 26.55 -06 15.6 18.6	-0.95 - 0.7	7.1/28.4	34001	2000 BE ₃₉	2003 11 02.3	02 28.35 +15 56.4 19.4	-0.85 - 4.3	0.4/02.7	47848
2000 LX ₉	2003 11 01.9	02 26.53 +43 53.2 17.6	-1.23 -15.7	13.5/13.6	50477	2000 EC ₉₂	2003 11 02.3	02 28.38 +10 28.1 17.6	-0.79 - 6.6	1.4/01.2	38258
2000 AL ₈₆	2003 11 01.9	02 26.58 +22 45.9 17.8	-0.90 - 5.0	3.2/04.2	30346	1999 XB ₇₁	2003 11 02.3	02 28.43 +15 37.5 17.4	-0.88 - 7.1	0.4/02.7	1552
2000 SX ₄₃	2003 11 01.9	02 26.59 +46 48.9 20.5	-1.64 - 1.5	14.1/10.4	47943	2001 GX ₈	2003 11 02.3	02 28.44 +13 47.9 19.0	-0.92 - 2.6	0.3/02.2	33908
1999 VY ₁₉₅	2003 11 01.9	02 26.59 +24 36.7 18.4	-1.06 - 4.4	3.9/04.5	50439	2001 FY ₄₃	2003 11 02.3	02 28.44 +15 03.0 20.8	-0.80 - 3.5	0.1/02.5	48019
1998 TA ₁₃	2003 11 01.9	02 26.62 +14 10.6 20.5	-0.83 - 4.6	0.1/01.8	47751	2001 BZ ₂₈	2003 11 02.3	02 28.48 +11 17.4 19.9	-0.99 - 5.0	1.2/01.5	17536
1999 VK ₅	2003 11 01.9	02 26.64 +15 15.1 19.3	-0.97 - 3.3	0.3/02.1	47818	1999 XA ₇₁	2003 11 02.4	02 28.49 +06 35.8 17.4	-0.90 - 3.5	3.5/31.4	1552
2002 KV ₁₀	2003 11 01.9	02 26.66 +14 03.1 19.6	-0.96 - 7.4	0.2/01.8	34010	1998 DA ₁₈	2003 11 02.4	02 28.51 +14 17.5 20.1	-1.06 - 3.4	0.1/02.3	47723
2001 FB ₂₈	2003 11 01.9	02 26.68 +03 45.8 21.2	-0.79 - 4.2	2.8/30.1	48018	1998 FV ₃₇	2003 11 02.4	02 28.53 +08 20.1 19.3	-0.98 - 5.7	2.2/31.8	34705
1981 EW ₁₂	2003 11 01.9	02 26.68 +25 05.5 19.8	-1.12 - 4.4	4.3/04.6	26917	2002 JX ₄	2003 11 02.4	02 28.55 +17 31.1 20.3	-1.05 - 5.6	1.0/03.2	32013
2002 PO ₁₅	2003 11 01.9	02 26.68 +13 41.7 19.5	-0.85 - 4.6	0.3/01.7	35246	2002 FY ₃₃	2003 11 02.4	02 28.56 +18 27.8 19.2	-1.09 - 4.8	1.5/03.4	33977
1999 RD ₂₆	2003 11 01.9	02 26.72 +08 17.8 18.2	-0.96 - 4.9	2.7/31.3	50414	2000 CT ₃₄	2003 11 02.4	02 28.63 +05 14.7 19.7	-0.74 - 4.5	2.6/30.9	38243
2002 PM ₁₅₇	2003 11 01.9	02 26.74 +27 04.9 20.2	-0.88 - 3.4	3.7/05.3	47208	2001 CE ₅	2003 11 02.4	02 28.70 +10 32.0 18.1	-1.05 - 3.4	1.7/01.5	50521
2002 LQ ₄	2003 11 01.9	02 26.76 +04 04.2 20.1	-1.02 - 5.4	4.2/30.3	48238	1999 PE ₃	2003 11 02.4	02 28.78 +14 50.3 17.4	-0.98 - 5.5	0.1/02.5	12148
1996 UJ	2003 11 01.9	02 26.76 +36 00.2 18.4	-2.00 +22.9	12.8/31.7	13547	2001 BY ₆₈	2003 11 02.4	02 28.90 +11 42.6 18.6	-1.02 - 3.8	1.1/01.8	33894
1999 VM ₇₇	2003 11 01.9	02 26.79 +24 07.2 18.5	-0.92 - 8.9	3.2/05.0	33838	2000 WR ₈₈	2003 11 02.5	02 28.81 +14 58.7 17.8	-1.10 - 2.4	0.1/02.6	50506
2000 CX ₂₄	2003 11 01.9	02 26.82 +50 06.1 20.0	-1.10 - 2.5	8.4/13.0	37304	2001 FW ₁₆₀	2003 11 02.5	02 28.83 +19 26.7 19.7	-0.86 - 2.5	1.3/03.7	35550
2000 DW ₃₅	2003 11 01.9	02 26.84 +12 18.2 20.3	-0.76 - 3.8	0.6/01.4	2748	2252 T-1	2003 11 02.5	02 28.86 +09 18.4 19.5	-0.97 - 4.2	1.9/01.2	34058
2000 EZ ₁₆₆	2003 11 01.9	02 26.86 +23 04.6 17.8	-0.97 - 0.9	2.9/04.0	50467	2001 CO ₂₉	2003 11 02.5	02 28.87 +22 41.0 20.0	-1.07 - 3.1	2.9/04.4	33895
2001 KJ ₇	2003 11 01.9	02 26.91 +33 17.6 19.2	-0.82 - 5.3	4.3/07.6	14934	1999 UQ ₄₉	2003 11 02.5	02 28.97 +06 38.6 18.0	-0.99 + 0.1	3.7/31.9	49735
2002 JK ₅₁	2003 11 02.0	02 27.03 +15 09.2 19.4	-1.07 - 4.4	0.2/02.2	33998	2002 JY ₃₄	2003 11 02.5	02 29.05 +11 00.8 20.7	-1.01 - 5.1	1.4/01.6	31654
2001 FO ₂₁	2003 11 02.0	02 27.04 +05 22.2 18.5	-0.77 - 3.2	2.6/30.7	35545	1999 YQ ₆	2003 11 02.5	02 29.08 +33 27.7 17.6	-1.15 - 0.0	7.7/06.7	50449
2002 NT ₃₃	2003 11 02.0	02 27.06 +31 07.8 17.6	-0.84 - 6.0	5.4/07.1	50096	2002 JP ₆₉	2003 11 02.5	02 29.08 +03 00.4 19.4	-1.03 - 3.1	4.6/30.9	31701
2000 AK ₁₇₃	2003 11 02.0	02 27.06 -08 18.6 17.9	-0.84 - 3.6	9.5/26.6	50454	2000 XC ₁₅	2003 11 02.5	02 29.14 -06 29.0 18.4	-1.20 + 0.6	7.5/29.2	13799
2002 PH ₁₅₆	2003 11 02.0	02 27.24 +36 46.0 20.0	-0.97 - 2.9	6.4/08.3	47207	4155 T-2	2003 11 02.5	02 29.15 +18 25.7 17.2	-1.16 - 2.4	1.6/03.4	50811
1999 TZ ₂₆₀	2003 11 02.1	02 27.35 +10 11.2 18.3	-1.01 - 5.5	1.9/01.0	50430	2000 JY ₅	2003 11 02.5	02 29.21 +04 59.1 18.3	-0.90 - 0.5	2.9/31.4	1326
2001 DQ ₄₄	2003 11 02.1	02 27.35 +12 11.4 20.0	-0.98 - 5.0	0.9/01.5	12299	2001 JY ₉	2003 11 02.6	02 29.28 +12 33.9 19.2	-0.75 - 5.4	0.6/02.0	35555
1999 RJ ₁₉₃	2003 11 02.1	02 27.38 +05 06.0 18.7	-1.04 - 1.3	3.9/31.1	50420	2002 LV ₁₁	2003 11 02.6	02 29.29 +05 04.9 18.7	-0.88 - 3.8	3.4/31.2	33599
1999 TZ ₁₉₇	2003 11 02.1	02 27.40 +23 57.1 18.8	-1.20 + 1.0	3.6/04.0	12176	2002 NE ₂₁	2003 11 02.6	02 29.30 +14 29.6 20.4	-0.90 - 5.6	0.1/02.6	33662
2002 GM ₇	2003 11 02.1	02 27.46 +03 26.3 20.0	-1.02 - 6.2	4.5/30.3	31991	1999 UJ ₃₆	2003 11 02.6	02 29.30 +14 41.2 20.0	-1.04 - 6.5	0.0/02.6	47816
2002 LM ₉	2003 11 02.1	02 27.54 +04 59.7 19.5	-1.04 - 4.2	3.7/30.8	48239	2000 WA ₆₆	2003 11 02.6	02 29.39 +19 10.8 18.5	-1.06 - 7.1	1.9/03.8	47989
1999 VN ₁₉₀	2003 11 02.1	02 27.60 +10 25.0 19.6	-0.91 - 4.9	1.6/01.1	13009	1999 RH ₁₈₈	2003 11 02.6	02 29.39 +11 31.9 19.0	-1.04 - 3.8	1.2/01.9	31862
1998 SU ₁₅₃	2003 11 02.1	02 27.70 +11 34.6 18.5	-0.91 - 2.7	1.0/01.5	33784	1998 SX ₅₇	2003 11 02.6	02 29.43 +08 35.4 18.8	-0.86 - 3.8	2.2/01.1	13578
2000 EB ₁₁	2003 11 02.2	02 27.70 +13 18.8 18.4	-0.85 - 2.9	0.4/01.9	37382	1993 FP ₈	2003 11 02.6	02 29.48 +15 19.3 18.9	-1.00 - 2.7	0.2/02.8	47686
2001 BX ₆₈	2003 11 02.2	02 27.74 +12 37.4 18.1	-0.99 - 3.6	0.7/01.7	33894	2001 FP ₁₉₃	2003 11 02.6	02 29.54 +03 49.0 18.6	-0.89 - 2.9	3.8/31.0	19932

2002 JA ₃₇	2003 11 02.6	02 29.57 -07 13.7 19.8	-0.95 -11.0	7.7/26.8	32019
2002 LC ₄₇	2003 11 02.6	02 29.59 -00 46.9 19.9	-0.98 - 4.9	5.6/29.7	34017
1999 VA ₃₁	2003 11 02.6	02 29.66 +21 06.8 18.2	-0.88 - 9.8	2.5/05.0	50434
2001 FT ₉₄	2003 11 02.7	02 29.60 +09 15.8 19.4	-0.92 - 1.9	1.7/01.4	17583
2001 FC ₉₇	2003 11 02.7	02 29.66 +01 30.1 19.7	-0.92 - 3.5	4.3/30.4	13839
1999 XV ₁₂₅	2003 11 02.7	02 29.70 +20 24.8 17.7	-1.00 - 2.8	2.4/04.1	40418
2001 CE ₂₃	2003 11 02.7	02 29.85 +01 48.0 19.5	-0.87 - 4.3	4.1/30.4	50521
2002 PX ₁₄	2003 11 02.7	02 29.90 +05 42.5 19.4	-0.77 - 3.5	2.7/31.4	48244
2000 CU ₉₈	2003 11 02.7	02 29.94 -12 43.5 20.0	-0.73 - 3.7	7.7/25.9	33207
2002 JV ₁₁₄	2003 11 02.7	02 30.00 -06 47.8 18.4	-1.02 + 1.0	8.3/29.5	31739
2000 AT ₁₃₉	2003 11 02.7	02 30.02 -00 56.8 18.7	-1.00 - 1.1	5.4/30.2	13648
2000 AU ₁₀	2003 11 02.7	02 30.02 -00 28.1 17.2	-1.01 + 2.2	6.6/31.0	49774
1998 VG ₃₄	2003 11 02.7	02 30.06 -05 48.5 17.9	-0.86 - 1.3	7.0/29.1	33788
2001 DU ₃₄	2003 11 02.8	02 30.08 +04 19.9 20.0	-0.98 - 5.8	4.0/31.0	13814
1981 ER ₄₅	2003 11 02.8	02 30.09 +09 23.5 19.4	-0.98 - 8.1	2.2/01.3	9664
2000 WJ ₁₈	2003 11 02.8	02 30.10 +06 24.5 18.2	-1.12 - 2.1	3.8/01.0	30423
2000 EZ ₆	2003 11 02.8	02 30.12 +04 47.2 19.4	-0.76 - 5.1	2.8/31.0	47860
2002 NS ₁₃	2003 11 02.8	02 30.14 +28 10.2 18.6	-0.88 - 4.4	4.1/06.6	50614
1999 XD ₁₆₃	2003 11 02.8	02 30.16 +16 02.1 20.0	-0.86 - 4.5	0.4/03.2	47834
1999 XV ₉₃	2003 11 02.8	02 30.22 -03 26.7 17.7	-0.88 - 0.4	8.0/29.7	49759
2003 QV ₆₃	2003 11 02.8	02 30.31 +00 07.7 17.5	-0.72 - 4.7	7.2/29.8	50317
1998 WX ₄₀	2003 11 02.8	02 30.34 +13 49.5 17.8	-1.05 + 2.1	0.4/02.7	50399
2002 JS ₁₄₅	2003 11 02.8	02 30.36 -09 14.4 19.6	-0.94 - 1.6	8.0/28.4	35578
1999 XD ₁₈₁	2003 11 02.8	02 30.39 +18 52.4 17.6	-1.20 + 1.8	1.7/03.6	50446
2002 LB	2003 11 02.8	02 30.40 +03 36.6 18.6	-0.92 - 5.6	4.5/30.9	34011
1999 XP ₂₅₂	2003 11 02.9	02 30.38 +13 00.9 20.5	-0.91 - 5.2	0.7/02.4	17119
2002 PB ₅	2003 11 02.9	02 30.43 +29 28.8 18.3	-0.93 - 6.7	4.6/07.2	33716
1992 ET ₄	2003 11 02.9	02 30.45 +31 29.5 20.7	-1.08 - 1.9	5.1/06.9	12840
2000 YL ₇₇	2003 11 02.9	02 30.46 +19 39.9 18.4	-1.07 - 5.6	1.9/04.2	33890
1999 LO ₄	2003 11 02.9	02 30.47 +04 18.8 19.1	-1.07 - 3.0	4.1/31.6	47783
2000 CR ₈	2003 11 02.9	02 30.54 -01 34.2 19.6	-0.85 - 3.9	5.7/29.6	47848
2002 PD ₁₀₃	2003 11 02.9	02 30.59 +13 29.1 20.4	-0.76 - 4.9	0.4/02.6	38359
1997 GE ₃₄	2003 11 02.9	02 30.60 +10 00.1 20.4	-0.88 - 4.6	1.6/01.7	47712
2001 BL ₅₆	2003 11 02.9	02 30.63 +11 11.8 17.0	-0.95 - 1.7	1.9/02.1	50519
1999 RU ₁₇₅	2003 11 02.9	02 30.66 +15 53.8 18.8	-1.00 - 5.9	0.4/03.2	47795
1996 SC ₁	2003 11 02.9	02 30.67 +12 41.4 18.6	-1.04 - 5.6	0.8/02.4	33759
2002 JZ ₇₀	2003 11 02.9	02 30.77 +10 05.4 20.2	-1.03 - 3.7	1.8/01.9	48235
2001 FS ₃	2003 11 02.9	02 30.79 +44 08.9 19.1	-1.47 + 2.6	10.9/08.9	20837
2000 VZ ₃₂	2003 11 02.9	02 30.80 +12 47.7 17.5	-1.04 - 5.5	1.0/02.5	50502
1998 FW ₄₆	2003 11 02.9	02 30.82 +11 02.0 19.3	-1.00 - 6.8	1.6/02.0	47726
2001 FE ₃₇	2003 11 03.0	02 30.97 +12 06.3 19.7	-1.00 - 5.9	1.1/02.3	12001
2001 AT ₁₅	2003 11 03.0	02 31.03 -31 16.3 20.0	-0.99 - 3.5	18.2/16.0	12268
2001 EF ₂₇	2003 11 03.0	02 31.04 +19 04.1 19.2	-0.97 - 7.2	1.6/04.2	49909
1999 VZ ₂₀	2003 11 03.0	02 31.07 +04 30.7 17.9	-1.01 - 0.4	4.1/31.9	50433
1999 VF ₁₅₈	2003 11 03.0	02 31.11 +14 37.1 19.2	-1.02 - 2.7	0.1/03.0	13624
1999 WP ₂	2003 11 03.0	02 31.15 +06 11.6 17.4	-0.99 - 0.5	4.1/01.2	40401
1999 XE ₂₇	2003 11 03.0	02 31.17 +05 26.4 18.0	-1.14 + 3.4	4.1/01.6	50441
2000 DJ ₁₀₂	2003 11 03.0	02 31.17 -01 38.9 18.7	-0.78 - 3.3	5.2/29.7	33219
2002 LB ₅₈	2003 11 03.0	02 31.17 +02 58.1 19.3	-0.76 - 5.9	3.7/30.7	48240
2002 JT ₁₃	2003 11 03.0	02 31.18 -17 46.0 19.4	-0.95 - 5.3	10.3/24.6	33996
1999 XM ₂₁₉	2003 11 03.0	02 31.18 +10 22.7 19.7	-0.86 - 3.6	1.5/02.0	47836

2001 CK ₂₆	2003 11 03.1	02 31.16 +06 04.8 19.4	-0.97 - 4.6	3.7/31.9	11843
1998 XB ₂₀	2003 11 03.1	02 31.24 +11 54.0 19.9	-0.87 - 3.2	1.1/02.4	47760
2002 HJ ₈	2003 11 03.1	02 31.25 +17 25.9 20.1	-1.01 - 4.9	0.9/03.8	33994
1999 VU ₆₅	2003 11 03.1	02 31.32 +16 59.0 18.7	-0.89 - 9.8	0.7/03.8	33838
2001 FK ₁₃₄	2003 11 03.1	02 31.32 +14 49.6 18.3	-0.93 - 0.7	0.0/03.1	13347
1999 XN ₁₁₅	2003 11 03.1	02 31.34 +17 42.1 18.8	-0.98 - 2.7	1.2/03.8	13634
1999 XN ₁₁₁	2003 11 03.1	02 31.41 +13 02.9 17.5	-1.10 + 2.9	0.8/02.8	49761
2002 JN ₄₃	2003 11 03.1	02 31.41 +22 34.9 19.7	-0.97 - 8.5	2.6/05.4	48234
1997 SD ₃₂	2003 11 03.1	02 31.42 +20 39.6 20.2	-0.84 - 3.4	1.7/04.6	50379
2002 GK ₆₈	2003 11 03.1	02 31.46 -07 26.9 20.0	-0.90 - 2.1	6.8/28.9	33982
2002 KM ₈	2003 11 03.1	02 31.49 +00 10.8 21.4	-0.99 - 2.9	4.7/30.8	34010
1998 KN ₆	2003 11 03.1	02 31.51 -25 19.3 18.6	-1.17 + 4.6	13.6/27.4	33768
1999 RF ₁₆₉	2003 11 03.1	02 31.52 +08 51.2 18.3	-0.79 - 7.6	2.9/01.4	47794
1990 HU ₅	2003 11 03.1	02 31.55 +06 27.8 19.6	-0.79 - 2.4	2.4/01.1	47682
1999 TN ₇₂	2003 11 03.1	02 31.57 +08 32.4 20.0	-1.04 - 0.3	2.1/01.9	20742
1997 TP ₂₇	2003 11 03.1	02 31.59 +08 35.6 19.6	-0.78 - 5.0	2.0/01.5	47716
1999 XS ₄₃	2003 11 03.1	02 31.63 +20 50.6 19.2	-0.94 - 5.7	1.9/04.8	50442
1999 RA ₂₄₂	2003 11 03.1	02 31.65 +09 10.8 20.4	-0.98 - 5.6	2.2/01.7	33090
1998 KE ₅₅	2003 11 03.2	02 31.57 +05 34.2 19.4	-0.92 - 5.3	3.1/31.8	33769
2000 AX ₁₃₇	2003 11 03.2	02 31.61 +11 34.6 18.6	-0.81 - 3.0	0.9/02.4	47843
2001 KC ₆₃	2003 11 03.2	02 31.68 +03 39.5 19.0	-1.01 - 3.9	4.3/31.4	48034
2000 DK ₃₄	2003 11 03.2	02 31.70 +13 24.6 19.7	-0.79 - 4.1	0.4/02.8	37351
2001 CJ ₁₈	2003 11 03.2	02 31.71 +22 15.2 19.0	-1.01 - 5.1	2.6/05.1	11842
2000 CT ₇₀	2003 11 03.2	02 31.76 +36 47.1 18.9	-0.97 - 2.7	6.4/09.1	47851
2002 JY ₆₉	2003 11 03.2	02 31.76 +03 20.1 19.8	-1.06 - 3.3	4.3/31.6	48235
2000 AF ₁₀₃	2003 11 03.2	02 31.76 +07 37.2 18.7	-0.88 - 5.1	3.0/01.3	50452
1999 TY ₁	2003 11 03.2	02 31.77 +07 26.9 15.6	-1.22 +12.6	4.2/02.8	50422
1999 WH ₇	2003 11 03.2	02 31.83 +17 04.1 18.0	-0.92 - 5.0	0.9/03.8	39556
2000 EK ₇₇	2003 11 03.2	02 31.84 -04 45.6 18.6	-0.79 - 3.1	6.2/29.0	35521
1995 GW ₁	2003 11 03.2	02 31.84 +06 15.3 20.6	-0.75 - 4.0	2.4/32.0	13543
1999 VE ₁₆₃	2003 11 03.2	02 31.86 +16 16.9 18.1	-1.11 - 0.2	0.5/03.5	10929
1995 QW ₁₁	2003 11 03.2	02 31.87 +16 33.8 20.5	-0.98 - 5.0	0.6/03.7	14738
1999 TX ₂₂	2003 11 03.2	02 31.88 +13 42.5 18.7	-1.04 - 3.3	0.5/03.0	33826
2001 BY ₅₇	2003 11 03.2	02 31.89 +03 54.2 18.8	-0.96 - 5.7	4.9/31.3	17541
2000 FF ₂₂	2003 11 03.2	02 31.93 +06 25.3 18.7	-0.80 - 2.7	2.5/01.2	40229
2000 DY ₂₃	2003 11 03.2	02 31.98 +00 07.2 19.0	-0.78 - 4.8	4.9/30.2	35515
2002 PV ₁₅₈	2003 11 03.3	02 32.01 +12 55.8 20.3	-0.89 - 3.8	0.6/02.8	50624
2001 EQ ₈	2003 11 03.3	02 32.02 +10 46.6 19.8	-0.89 - 3.9	1.3/02.3	48015
2002 JC ₃₉	2003 11 03.3	02 32.03 +20 13.7 19.6	-1.05 - 6.6	1.9/04.7	31659
2001 BS ₅₈	2003 11 03.3	02 32.05 +06 55.1 19.3	-0.99 - 5.3	3.4/01.3	12279
1998 KD ₄₄	2003 11 03.3	02 32.08 +19 38.4 18.1	-0.97 - 6.6	1.7/04.6	47732
1999 YQ ₁₅	2003 11 03.3	02 32.09 +13 37.3 20.6	-0.88 - 5.2	0.4/03.0	47837
1999 TF ₈₃	2003 11 03.3	02 32.14 +09 27.6 19.4	-0.94 - 6.1	2.1/01.9	15050
2000 ET ₁₄	2003 11 03.3	02 32.18 +16 15.7 19.7	-0.88 - 3.9	0.4/03.7	19531
2001 FW ₂₅	2003 11 03.3	02 32.27 +06 40.2 19.3	-0.83 - 7.0	2.5/01.0	35545
1998 XA ₄₀	2003 11 03.3	02 32.27 +19 27.6 18.4	-0.95 - 0.7	1.5/04.3	50400
1998 RF ₆	2003 11 03.3	02 32.29 +06 32.3 18.5	-0.84 - 5.5	3.0/01.1	50390
2002 JW ₇₂	2003 11 03.3	02 32.30 +02 57.8 19.5	-0.96 - 5.2	4.5/31.3	35577
1997 GG ₂₀	2003 11 03.3	02 32.30 +23 29.5 18.1	-1.08 - 1.0	3.4/05.2	47711
1999 TP ₁₀₂	2003 11 03.3	02 32.34 -13 32.9 18.6	-0.82 - 4.4	12.1/26.0	50425
1999 US ₂₅	2003 11 03.3	02 32.35 +17 08.5 18.2	-0.98 - 0.2	1.1/03.8	49732

1999 XU ₁₅₉	2003 11 03.3	02 32.37 +18 20.0 19.0	-0.87 - 7.7	1.4/04.4	47834
1998 HM ₂₂	2003 11 03.3	02 32.39 +11 34.6 20.5	-0.99 - 5.2	1.2/02.5	47729
1997 GC	2003 11 03.3	02 32.40 +18 34.7 20.5	-0.93 - 3.5	1.0/04.3	35442
1999 XH ₂₇	2003 11 03.4	02 32.37 +01 57.4 18.0	-1.06 + 1.0	4.9/31.9	13629
2002 NJ ₅₁	2003 11 03.4	02 32.38 +33 09.8 19.0	-0.95 - 4.3	5.7/08.5	35589
1999 RD ₁₂₃	2003 11 03.4	02 32.47 +17 09.5 20.1	-0.98 - 6.9	0.9/04.0	47792
2002 JM ₄₃	2003 11 03.4	02 32.51 +22 49.6 20.1	-1.11 - 4.5	3.0/05.4	35194
2001 DY ₉₅	2003 11 03.4	02 32.61 +19 53.9 20.0	-1.12 - 2.9	2.0/04.6	13817
2002 NN ₄₇	2003 11 03.4	02 32.65 +26 16.2 18.5	-0.85 - 6.3	3.9/06.7	48242
1998 RF ₂₃	2003 11 03.4	02 32.67 +04 01.9 18.7	-0.86 - 3.6	4.2/31.7	50390
1998 FW ₈₇	2003 11 03.4	02 32.72 +11 57.5 17.4	-1.10 - 2.2	1.4/02.8	12121
2002 OU ₁₅	2003 11 03.4	02 32.79 +11 58.7 18.4	-0.75 - 6.7	0.9/02.6	35236
2002 NX ₅₀	2003 11 03.4	02 32.79 -10 02.2 17.6	-0.80 - 0.9	7.8/28.4	35589
2002 JV	2003 11 03.5	02 32.74 +03 39.1 19.2	-0.83 - 8.7	4.1/31.2	35192
1999 PJ	2003 11 03.5	02 32.76 +09 20.2 18.2	-0.99 - 5.1	2.5/02.1	33815
2002 JK ₅₀	2003 11 03.5	02 32.77 +18 06.8 19.2	-1.04 - 6.5	1.2/04.3	48234
2002 PU ₇₂	2003 11 03.5	02 32.79 +08 52.6 18.1	-0.72 - 6.8	1.8/01.7	50618
2000 DC ₃₅	2003 11 03.5	02 32.91 +11 40.2 19.1	-0.81 - 3.7	1.0/02.7	46396
1999 WT ₅	2003 11 03.5	02 32.93 +15 17.3 17.9	-1.06 - 1.8	0.1/03.6	33841
2001 HA ₅₄	2003 11 03.5	02 32.96 -08 04.9 19.4	-0.73 - 6.9	6.5/27.4	48030
1998 WK ₂₆	2003 11 03.5	02 32.96 +16 52.6 20.0	-0.85 - 3.8	0.6/04.0	6819
1996 RA ₁₃	2003 11 03.5	02 32.98 +05 25.4 17.9	-0.95 - 7.1	4.3/31.9	31807
1998 WG ₄₁	2003 11 03.5	02 33.00 +06 14.6 19.0	-0.91 - 0.4	3.0/01.7	47758
2000 YE ₁₁₀	2003 11 03.5	02 33.05 +13 59.3 20.0	-1.04 - 3.8	0.4/03.3	48001
2001 FN ₈₀	2003 11 03.5	02 33.20 +27 35.1 18.8	-0.87 - 3.2	3.3/06.9	35548
2002 JJ ₆₇	2003 11 03.5	02 33.20 +09 08.8 19.5	-0.99 - 4.6	2.1/02.2	34000
1996 TM ₃₉	2003 11 03.5	02 33.21 +18 22.9 20.7	-1.16 - 3.1	1.3/04.3	47705
2000 EY ₉	2003 11 03.5	02 33.21 +10 31.3 20.3	-0.82 - 4.7	1.4/02.4	38254
2001 FH ₈₁	2003 11 03.6	02 33.14 +29 34.8 20.6	-1.02 - 4.4	4.5/07.4	35049
2002 MS ₂	2003 11 03.6	02 33.14 +23 45.4 19.8	-0.91 - 4.7	2.5/05.9	35581
1999 TD ₂₈₂	2003 11 03.6	02 33.14 -16 57.6 18.2	-0.76 -13.7	12.2/21.7	17061
3224 T-2	2003 11 03.6	02 33.17 +11 57.6 18.7	-0.87 - 3.2	1.1/02.9	50811
1999 RS ₁₃₄	2003 11 03.6	02 33.18 +27 46.8 17.9	-1.02 - 4.2	6.0/06.9	47792
2002 GR ₂	2003 11 03.6	02 33.26 -15 05.2 19.5	-1.17 + 2.5	9.9/29.4	31990
1999 NK ₁₁	2003 11 03.6	02 33.30 +08 51.9 17.6	-1.02 - 4.4	2.5/02.2	50412
2002 GP ₁₇₂	2003 11 03.6	02 33.30 +12 05.5 20.0	-1.08 - 3.8	1.1/03.0	35188
2001 HY ₅₃	2003 11 03.6	02 33.31 -13 47.5 18.3	-0.85 + 0.3	8.1/28.0	14932
1999 XV ₂₃₀	2003 11 03.6	02 33.31 +10 48.7 19.2	-1.05 - 0.8	1.8/02.7	47836
2002 LE ₂₀	2003 11 03.6	02 33.33 +11 33.8 20.2	-0.95 - 3.4	1.1/02.8	33604
2000 XR ₃₈	2003 11 03.6	02 33.34 +26 08.8 18.1	-1.14 - 5.6	4.5/06.5	11011
2002 GS ₅₈	2003 11 03.6	02 33.35 +10 08.4 18.5	-0.96 - 8.3	2.1/02.3	50603
2002 LO ₁₀	2003 11 03.6	02 33.43 +06 17.0 19.7	-1.00 - 4.9	3.3/01.5	35201
2002 PB ₅₁	2003 11 03.6	02 33.54 +00 16.2 20.5	-0.76 - 3.9	4.3/30.8	35266
2000 DU ₁₇	2003 11 03.6	02 33.56 +16 24.7 19.5	-0.79 - 3.9	0.4/04.0	35514
2000 AS ₇₁	2003 11 03.6	02 33.58 -06 36.9 17.6	-0.97 - 0.2	8.1/29.8	50451
1997 GB ₃₇	2003 11 03.7	02 33.57 +16 37.5 18.5	-0.90 - 5.9	0.7/04.1	46331
2002 JP ₇₉	2003 11 03.7	02 33.57 +17 05.3 18.9	-1.01 - 6.1	0.9/04.2	34001
2000 AG ₁₂₄	2003 11 03.7	02 33.63 +00 28.2 18.4	-0.85 - 4.3	5.0/30.8	46391
2000 FJ ₁	2003 11 03.7	02 33.66 -20 47.8 19.4	-0.82 - 0.5	8.9/25.1	2762
2002 NT ₃₆	2003 11 03.7	02 33.67 +12 48.8 18.2	-0.66 - 5.7	0.7/03.1	50614
1999 RZ ₄₉	2003 11 03.7	02 33.71 +18 08.6 18.0	-0.96 - 6.2	1.5/05.0	50415

2000 YU ₃₂	2003 11 03.7	02 33.75 +17 07.7 16.9	-0.85 - 8.2	1.1/04.3	31930
1998 QS ₁₀	2003 11 03.7	02 33.78 -03 40.8 19.0	-0.86 - 4.2	6.1/29.9	33770
2001 FD ₁₄₁	2003 11 03.7	02 33.80 +34 17.3 19.1	-1.08 - 4.1	6.4/08.8	35550
2001 GJ ₉	2003 11 03.7	02 33.87 +09 16.0 18.5	-0.76 - 5.7	1.8/02.2	35551
2002 GX ₈₇	2003 11 03.7	02 33.89 +06 14.2 19.6	-1.01 - 5.5	3.5/01.6	31559
1999 VF ₆₅	2003 11 03.7	02 33.89 +14 23.2 18.4	-0.90 - 3.6	0.3/03.6	47821
2002 JL ₁₁₂	2003 11 03.7	02 33.92 +18 06.4 18.2	-1.01 - 3.2	1.1/04.5	34004
2001 KH ₅₄	2003 11 03.7	02 33.96 +13 35.2 18.2	-0.77 - 6.4	0.5/03.4	38308
1997 CF ₂₃	2003 11 03.8	02 33.94 +08 49.0 18.7	-0.96 - 4.2	2.4/02.3	46331
2000 CS ₅₄	2003 11 03.8	02 34.13 -07 37.7 19.2	-0.73 - 5.9	6.3/28.0	40452
2001 FE ₉₂	2003 11 03.8	02 34.17 -05 44.4 18.5	-0.88 - 5.6	9.3/28.8	48023
1999 VK ₇₁	2003 11 03.8	02 34.20 +13 59.6 20.2	-1.00 - 2.9	0.4/03.6	47821
1999 XY ₄₄	2003 11 03.8	02 34.22 +07 47.1 18.9	-1.05 - 0.1	2.5/02.4	35492
1999 VV ₂₈	2003 11 03.8	02 34.22 +18 42.9 17.9	-0.91 - 7.5	1.3/04.9	50434
2000 DL ₂₅	2003 11 03.8	02 34.25 +20 03.6 18.5	-0.81 - 4.0	1.4/05.2	37347
1997 AH ₁	2003 11 03.8	02 34.30 +03 28.1 18.8	-0.95 - 3.0	3.9/01.1	31808
1999 RF ₁₀₄	2003 11 03.8	02 34.31 +09 08.5 18.4	-0.88 - 8.0	2.6/02.2	38803
2002 JK ₆₅	2003 11 03.8	02 34.33 +08 05.3 19.5	-1.03 - 3.5	2.5/02.3	34000
1999 VS ₈	2003 11 03.8	02 34.36 -11 53.9 18.8	-0.85 - 0.9	12.3/27.9	50433
2002 PJ ₁₅₉	2003 11 03.8	02 34.39 +10 47.1 20.1	-0.84 - 3.1	1.3/02.8	47210
2000 AH ₁₅₁	2003 11 03.9	02 34.38 -10 36.6 17.8	-0.87 - 1.7	10.5/28.2	50454
2000 WH ₁₁₄	2003 11 03.9	02 34.41 +19 52.5 17.3	-1.13 - 3.6	2.2/05.0	31925
2000 CN ₁₁₂	2003 11 03.9	02 34.51 +10 20.0 19.1	-0.81 - 4.0	1.5/02.7	34890
2001 EB ₂₀	2003 11 03.9	02 34.51 +17 32.8 18.9	-0.94 - 2.9	0.8/04.5	30453
1998 HG ₁₀₂	2003 11 03.9	02 34.56 +15 42.9 19.5	-0.96 - 6.0	0.2/04.1	50385
1999 RT ₂₆	2003 11 03.9	02 34.60 +11 16.1 18.0	-0.95 - 3.1	1.8/03.0	50414
2001 HJ ₆₂	2003 11 03.9	02 34.61 +24 31.7 20.4	-0.93 - 4.6	2.9/06.4	48030
1997 GN ₇	2003 11 04.0	02 34.71 +13 04.7 19.4	-1.01 - 0.9	0.7/03.6	11485
2000 CD ₁₂₃	2003 11 04.0	02 34.72 +11 47.8 19.3	-0.88 - 3.4	1.2/03.2	47853
2803 P-L	2003 11 04.0	02 34.83 +11 49.9 18.4	-0.96 - 6.2	1.5/03.1	12089
2000 WJ ₁₀₅	2003 11 04.0	02 34.84 +09 16.0 20.4	-1.02 - 4.5	2.2/02.6	47990
2000 CK ₁₂₈	2003 11 04.0	02 34.85 +21 32.6 18.8	-0.86 - 4.0	2.0/05.7	33864
2002 GP ₇₈	2003 11 04.0	02 34.86 +22 26.3 19.0	-1.18 - 3.0	3.0/05.7	33983
2001 FR ₆₇	2003 11 04.0	02 34.89 +02 45.2 21.5	-0.81 - 5.2	3.5/31.7	13313
2001 FZ ₁₅₁	2003 11 04.0	02 34.97 +03 02.9 19.2	-1.09 + 0.7	4.2/01.7	14425
2000 CP ₁₂₂	2003 11 04.0	02 34.99 +15 56.1 18.9	-0.85 - 3.5	0.2/04.2	47853
2001 CA ₃₀	2003 11 04.0	02 35.05 +24 36.9 18.7	-1.18 - 2.3	3.7/06.1	33895
2001 CW ₁₂	2003 11 04.0	02 35.05 +04 41.4 18.7	-0.95 - 3.6	3.5/01.5	33895
1999 TT ₇₈	2003 11 04.0	02 35.08 +14 52.9 19.5	-1.01 - 4.0	0.1/04.0	50424
2002 JX ₇₇	2003 11 04.0	02 35.09 +16 37.8 19.5	-1.07 - 4.7	0.6/04.4	48235
2001 HR ₅₀	2003 11 04.0	02 35.10 +14 51.8 19.4	-0.94 - 4.9	0.1/04.0	48030
1999 XJ ₁₂₄	2003 11 04.0	02 35.21 +19 42.0 18.3	-1.08 + 0.9	2.1/05.0	1555
2001 FL ₁₄₈	2003 11 04.1	02 35.10 +35 39.9 19.8	-1.08 - 2.8	6.1/09.3	37587
2002 JE ₅₈	2003 11 04.1	02 35.13 +11 57.5 19.5	-1.06 - 2.5	1.2/03.4	50609
2000 RL ₁₁	2003 11 04.1	02 35.15 +05 29.0 18.1	-1.04 - 4.1	4.4/01.8	50485
1998 SU ₁₂₀	2003 11 04.1	02 35.17 +17 50.0 19.6	-1.00 - 0.9	0.8/04.7	14122
1998 FP ₄₈	2003 11 04.1	02 35.18 +14 35.8 19.5	-0.98 - 6.0	0.2/04.0	33765
2001 DC ₈₁	2003 11 04.1	02 35.20 +03 12.4 17.3	-0.89 - 2.8	4.3/01.3	50525
1999 XL ₁₀	2003 11 04.1	02 35.20 +29 28.2 17.4	-0.84 -10.7	6.6/09.0	1546
2002 JC ₁₀₈	2003 11 04.1	02 35.23 -01 00.8 22.0	-0.92 - 0.8	4.3/31.7	32031
2002 GH ₈₉	2003 11 04.1	02 35.23 -12 25.1 20.2	-0.93 - 0.6	10.6/29.2	50604

2003 OCT. 10

M.P.C. 49831

2002 NW ₃₆	2003 11 04.1	02 35.24 +19 03.4	19.2	-0.81	-	6.7	1.3/05.2	48241
2001 DK ₇₀	2003 11 04.1	02 35.26 +12 43.1	19.4	-0.99	-	5.1	1.0/03.5	48012
2001 DR ₅₅	2003 11 04.1	02 35.32 +21 16.9	21.2	-0.93	-	3.7	1.8/05.7	48012
4298 T-3	2003 11 04.1	02 35.32 +17 50.3	19.0	-1.07	-	0.2	0.9/04.7	13520
1999 XO ₆₀	2003 11 04.1	02 35.37 +01 12.5	19.1	-0.97	-	1.1	4.8/01.1	13042
2001 HU ₁₁	2003 11 04.1	02 35.39 +16 14.9	19.1	-0.81	-	3.5	0.3/04.4	35552
2001 NZ ₅	2003 11 04.1	02 35.40 -17 18.3	19.4	-0.80	-	0.7	8.3/26.8	15848
2000 DX ₃	2003 11 04.1	02 35.41 -13 17.6	19.1	-0.82	+	0.2	7.9/28.5	14398
1999 TV ₁₈₀	2003 11 04.1	02 35.44 +08 09.8	18.2	-0.85	-	6.6	3.1/02.2	47809
2001 FP ₁₇₁	2003 11 04.1	02 35.46 -04 05.1	19.9	-0.84	-	5.8	6.3/29.7	48027
2000 FU ₃₀	2003 11 04.1	02 35.46 +07 12.6	18.9	-0.77	-	4.2	2.4/02.1	50468
2001 KL ₃₁	2003 11 04.1	02 35.53 +05 12.9	19.1	-0.72	-	6.2	2.8/01.3	48033
2001 DJ ₅₉	2003 11 04.1	02 35.59 +21 26.5	19.6	-1.11	-	3.3	2.5/05.6	11891
1999 TT ₂₇₇	2003 11 04.1	02 35.61 +23 12.1	19.8	-1.15	-	1.1	3.1/05.8	47813
1999 TK ₂₀₀	2003 11 04.2	02 35.52 +14 29.7	18.5	-1.15	+	2.2	0.3/04.1	19459
1999 VZ ₁₅₇	2003 11 04.2	02 35.56 +14 29.1	18.6	-1.04	-	1.7	0.3/04.1	31878
1981 EG ₂₀	2003 11 04.2	02 35.58 +24 48.3	18.4	-0.95	-	3.2	3.1/06.6	31800
2002 PY ₁₁₈	2003 11 04.2	02 35.68 +23 30.4	17.7	-0.70	-	4.4	2.3/06.6	38361
2001 FP ₅₄	2003 11 04.2	02 35.73 +23 23.9	18.9	-1.04	-	0.9	2.7/06.0	30453
2001 HP ₁₈	2003 11 04.2	02 35.76 -07 23.1	19.6	-0.90	-	3.1	7.1/29.4	14430
2001 BK ₇₉	2003 11 04.2	02 35.78 +23 54.3	20.3	-1.06	-	4.5	3.3/06.4	14921
2002 GX ₂₆	2003 11 04.2	02 35.79 +15 04.3	18.7	-1.15	-	2.1	0.1/04.2	31993
1999 VW ₇₆	2003 11 04.2	02 35.80 +12 06.1	20.8	-0.92	-	4.4	1.1/03.5	12993
2002 PX ₇	2003 11 04.2	02 35.86 +13 21.2	20.4	-0.89	-	5.3	0.6/03.8	33717
1999 NO ₄	2003 11 04.2	02 35.95 +07 38.9	19.8	-1.06	-	3.3	3.0/02.6	47784
2002 HS ₄	2003 11 04.2	02 35.96 -15 02.2	17.8	-0.89	-20.0	14.1/22.6	30742	
1999 BQ ₁₅	2003 11 04.3	02 36.00 +46 05.5	16.4	-1.35	+	3.7	10.7/10.5	50402
1998 FU ₂₉	2003 11 04.3	02 36.07 +15 33.8	20.0	-1.02	-	5.9	0.1/04.4	47725
2001 KU ₇	2003 11 04.3	02 36.08 +07 05.0	19.2	-0.85	-	1.4	2.4/02.5	23619
1999 WY ₁₅	2003 11 04.3	02 36.12 +13 30.1	19.7	-0.95	-	4.1	0.7/03.9	13020
1999 VU ₁₆₆	2003 11 04.3	02 36.13 +16 38.7	18.7	-1.07	-	1.3	10.3/25.0	50438
2000 YZ ₉	2003 11 04.3	02 36.17 +22 06.3	18.5	-1.12	-	3.3	3.2/05.9	17509
2001 AE ₂₁	2003 11 04.3	02 36.23 +12 55.6	18.6	-1.05	-	5.8	1.0/03.8	13804
1996 TP ₃₆	2003 11 04.4	02 36.29 +24 11.7	18.1	-1.15	-	5.0	3.7/06.6	50376
2000 AX ₁₅₀	2003 11 04.4	02 36.29 +12 28.6	20.0	-0.83	-	7.1	0.9/03.6	27658
2002 HC ₁₂	2003 11 04.4	02 36.33 +13 19.4	20.0	-1.05	-	5.5	0.7/03.9	30172
2000 AO ₁₈₇	2003 11 04.4	02 36.35 -11 16.0	18.9	-0.87	-	3.4	9.5/28.2	13650
2001 FF ₂₃	2003 11 04.4	02 36.37 +20 30.0	19.7	-1.15	0.0	1.9/05.4	13826	
2001 FK ₂	2003 11 04.4	02 36.41 +13 12.0	19.9	-0.95	-	6.8	0.7/03.9	48017
2000 XZ ₈	2003 11 04.4	02 36.41 +21 59.5	17.9	-1.21	+	0.8	3.3/05.7	50509
2002 JE ₁₃	2003 11 04.4	02 36.45 +11 32.5	20.4	-1.00	-	5.4	1.4/03.5	48232
1998 VZ ₂	2003 11 04.4	02 36.45 +18 08.4	18.9	-0.81	-	6.6	0.9/05.2	12911
2002 LO ₃₇	2003 11 04.4	02 36.53 -00 26.7	18.5	-0.87	-	5.4	4.9/31.3	33619
2001 FB ₄₂	2003 11 04.4	02 36.56 +24 28.6	18.1	-1.06	-	2.7	3.3/06.6	50528
1995 WB ₁₈	2003 11 04.4	02 36.62 +17 13.8	18.6	-1.01	0.0	0.9/05.0	165	
2002 KJ ₁₂	2003 11 04.4	02 36.65 -07 49.9	17.9	-0.92	0.0	9.3/30.6	31764	
1999 RZ ₄₄	2003 11 04.4	02 36.77 +13 59.1	17.2	-0.91	-	5.4	0.6/04.2	50415
2001 CP ₂₈	2003 11 04.5	02 36.70 +19 34.4	18.4	-1.13	-	1.0	1.9/05.4	48009
2000 DU ₅₅	2003 11 04.5	02 36.74 +12 44.1	18.0	-0.80	-	3.9	0.9/03.9	50461
2001 DA ₁₆	2003 11 04.5	02 36.83 -06 26.5	20.6	-0.90	-	2.2	7.7/30.4	48010
2002 NR ₁₂	2003 11 04.5	02 36.84 -19 42.9	18.4	-0.80	-	1.0	11.0/26.1	50614

2001 FZ ₈₇	2003 11 04.5	02 36.85 +09 46.3	21.1	-0.93	-	3.0	1.8/03.2	48022
2002 JG ₆₄	2003 11 04.5	02 36.95 +17 15.6	19.4	-1.03	-	8.4	0.7/05.1	34000
2001 BG ₅₂	2003 11 04.5	02 37.09 +07 04.6	20.1	-1.01	-	4.2	3.4/02.6	50519
2002 JB ₂	2003 11 04.5	02 37.15 +06 39.7	20.4	-0.98	-	5.2	3.2/02.4	32013
2002 GX ₈₄	2003 11 04.6	02 37.17 -00 24.6	18.0	-0.85	-	7.9	5.6/31.2	33983
2000 CF ₁₀₄	2003 11 04.6	02 37.19 +11 58.2	19.2	-0.77	-	3.4	0.9/03.8	34890
2001 KA ₆₁	2003 11 04.6	02 37.20 +13 14.5	18.3	-0.76	-	7.1	0.7/04.0	35557
2000 EJ ₂₂	2003 11 04.6	02 37.21 +12 45.1	19.3	-0.83	-	4.3	0.8/04.0	7009
2001 FY ₈₁	2003 11 04.6	02 37.23 +26 05.3	18.6	-1.00	-	4.4	3.5/07.3	35548
1998 FG ₇₉	2003 11 04.6	02 37.34 +08 02.4	19.3	-1.03	-	3.6	2.9/02.9	9701
2000 CD ₃₀	2003 11 04.6	02 37.34 +08 25.9	18.6	-0.76	-	4.2	1.9/02.8	38243
1998 HB ₃₃	2003 11 04.6	02 37.35 +14 05.9	19.4	-0.98	-	6.2	0.5/04.3	47729
2001 BH ₄₅	2003 11 04.6	02 37.41 +19 05.1	18.4	-0.99	-	6.4	1.4/05.6	46523
2000 FH ₁₃	2003 11 04.6	02 37.46 +24 41.7	19.1	-0.90	-	1.0	2.6/06.8	50467
1999 YZ ₃	2003 11 04.6	02 37.56 +06 34.2	18.0	-1.59	+	8.4	3.9/03.8	1559
2000 YR ₁₃₂	2003 11 04.6	02 37.57 +31 41.5	19.7	-0.98	-	4.5	4.6/09.0	48003
2003 QV ₆₄	2003 11 04.7	02 37.59 +11 00.0	16.7	-1.03	+	4.5	2.2/04.1	50318
2001 KK ₁₂	2003 11 04.7	02 37.66 +06 21.1	20.2	-0.78	-	3.3	2.5/02.5	50535
1999 RM ₁₆₄	2003 11 04.7	02 37.67 +09 42.5	19.7	-0.96	-	6.9	2.2/03.2	31861
2002 JQ ₅	2003 11 04.7	02 37.80 -06 57.8	18.7	-0.85	-	7.5	8.8/29.4	50607
2001 FE ₆	2003 11 04.7	02 37.81 +16 25.3	19.4	-1.03	-	3.5	9.4/16.0	13823
2001 BX ₆₂	2003 11 04.7	02 37.85 +17 42.3	17.6	-0.97	-	6.7	1.1/05.4	12280
1999 XT ₁₁₈	2003 11 04.7	02 37.89 +13 55.1	18.3	-1.08	+	0.6	11.6/25.0	50444
1997 SD ₇	2003 11 04.7	02 37.93 +26 28.4	19.1	-0.93	-	2.1	3.5/07.5	1008
1999 RS ₁₄₈	2003 11 04.8	02 37.89 +17 47.4	18.3	-1.07	-	5.0	0.9/05.4	33822
2000 YN ₁₂₈	2003 11 04.8	02 37.91 +25 50.6	20.3	-1.08	-	4.0	3.6/07.3	11022
1131 T-1	2003 11 04.8	02 37.94 +17 42.8	20.3	-1.06	-	5.1	0.8/05.4	40277
2002 JD ₃₅	2003 11 04.8	02 37.97 +06 11.0	19.2	-1.03	-	2.2	3.5/02.8	50608
2002 OT ₂₄	2003 11 04.8	02 38.06 -00 33.9	19.8	-0.78	-	3.5	4.6/31.7	50616
1998 WA ₃₅	2003 11 04.8	02 38.07 +16 43.5	19.6	-0.86	-	4.1	0.5/05.2	47758
2000 AD ₁₈₇	2003 11 04.8	02 38.14 -10 50.2	18.2	-0.94	-	1.3	9.9/29.4	50454
1998 VM ₃₁	2003 11 04.8	02 38.20 +01 34.2	16.4	-1.02	+	4.0	5.5/02.7	50398
2002 JV ₇₃	2003 11 04.8	02 38.21 -05 31.5	18.1	-0.87	-	0.4	7.0/31.5	34001
2001 EH ₃	2003 11 04.8	02 38.22 +27 58.0	19.7	-1.19	+	0.3	4.5/07.3	48014
1997 UZ ₂₄	2003 11 04.8	02 38.23 +08 11.4	19.8	-0.75	-	5.8	2.0/02.9	34699
2002 PJ ₃₂	2003 11 04.8	02 38.24 +19 04.8	19.7	-0.84	-	3.9	1.1/05.8	50616
2001 FC ₃₉	2003 11 04.8	02 38.29 +30 35.3	19.7	-0.94	-	2.3	4.1/08.7	50528
1999 UY ₅₁	2003 11 04.8	02 38.32 -07 18.5	17.5	-0.90	-	0.4	10.1/31.0	50433
1999 TN ₂₁₀	2003 11 04.9	02 38.27 +33 00.2	18.3	-1.23	+	2.0	7.7/08.2	18214
1999 XU ₂₄	2003 11 04.9	02 38.29 +07 18.2	18.1	-1.02	-	0.5	3.1/03.2	50441
2002 JR ₄	2003 11 04.9	02 38.31 -21 05.2	17.8	-0.99	-11.6	16.4/21.9	32013	
1999 RV ₆₃	2003 11 04.9	02 38.37 +27 46.9	19.6	-1.20	-	4.2	4.7/08.0	29070
2001 DK ₁₆	2003 11 04.9	02 38.40 +17 36.0	19.8	-1.06	-	2.5	0.8/05.4	11862
2002 HG ₁₂	2003 11 04.9	02 38.47 +08 40.7	19.3	-0.98	-	3.0	2.4/03.4	32012
2001 DD ₇₃	2003 11 04.9	02 38.52 -04 11.6	20.6	-0.75	-	4.4	5.2/30.7	35542
1997 SB ₆	2003 11 04.9	02 38.53 +27 26.2	19.1	-0.96	-	1.6	4.0/07.8	34697
1998 YF ₁₅	2003 11 04.9	02 38.54 +01 49.1	19.9	-0.78	-	2.4	4.2/01.6	18188
2001 FV ₁₈	2003 11 04.9	02 38.63 +31 17.8	19.5	-1.11	-	1.5	5.1/08.5	37556
1995 FK ₁	2003 11 04.9	02 38.64 +26 14.0	19.7	-0.93	-	1.8	3.2/07.5	34687
1999 XY ₂₀₂	2003 11 05.0	02 38.69 +25 58.5	19.3	-1.00	-	2.2	3.4/07.4	47835
2002 LV ₁₄	2003 11 05.0	02 38.70 +27 00.5	19.3	-0.97	-	8.0	4.0/08.4	34013

1999 VD ₁₇₈	2003 11 05.0	02 38.92 +07 18.6 18.5	-0.98	- 2.5	3.4/03.2	50439
1999 NP ₂₆	2003 11 05.0	02 38.94 +19 24.1 18.3	-1.07	- 5.8	1.6/06.0	31855
2000 AT ₁₈₂	2003 11 05.0	02 38.95 +26 28.0 17.7	-0.92	- 7.0	3.7/08.1	34869
2000 AE ₁₈₇	2003 11 05.0	02 38.97 -06 05.6 17.8	-0.84	- 5.7	8.6/29.9	50454
2000 YR ₂	2003 11 05.0	02 39.00 +17 54.0 18.5	-1.09	- 2.5	0.8/05.6	11012
1999 VM ₁₉₄	2003 11 05.0	02 39.01 -05 42.6 18.3	-1.07	+ 5.3	10.0/02.2	50439
2002 JC ₁₄₅	2003 11 05.0	02 39.01 -00 25.2 20.2	-0.86	- 5.7	5.3/31.9	35198
4048 T-3	2003 11 05.0	02 39.08 +05 20.2 17.6	-0.82	- 4.1	4.7/02.5	2597
1999 XN ₅₃	2003 11 05.0	02 39.08 +21 32.4 18.8	-0.90	- 7.3	1.9/06.8	13631
2002 JO ₂₈	2003 11 05.0	02 39.09 +13 21.5 19.0	-0.99	- 7.6	0.8/04.5	48233
2002 JS ₅₂	2003 11 05.1	02 39.07 +16 35.2 19.5	-1.02	- 4.8	0.4/05.4	33999
2002 PO ₁₀	2003 11 05.1	02 39.10 +02 15.2 19.4	-0.74	- 4.6	3.6/01.6	35598
2001 FA ₉₂	2003 11 05.1	02 39.16 +01 44.1 18.7	-0.89	- 2.6	4.7/01.9	48023
2000 CO ₈₄	2003 11 05.1	02 39.23 +14 38.8 19.6	-0.82	- 3.2	0.3/04.9	13656
2001 KZ ₆₄	2003 11 05.1	02 39.24 -08 10.7 19.4	-0.73	- 3.8	6.3/29.7	35557
2002 LW ₅₅	2003 11 05.1	02 39.26 -12 07.5 19.4	-0.79	- 3.1	8.1/29.1	34018
2002 PO ₁₀₁	2003 11 05.1	02 39.41 +08 20.4 17.2	-0.63	- 6.9	2.4/03.0	50099
2000 CB ₉₁	2003 11 05.1	02 39.51 +15 45.5 18.8	-0.79	- 3.6	0.1/05.3	47852
1998 QQ ₃₄	2003 11 05.1	02 39.55 +25 36.7 19.5	-1.04	- 2.6	3.7/07.6	30274
1998 WY ₂	2003 11 05.2	02 39.46 +13 25.1 19.5	-0.85	- 3.1	0.6/04.7	47757
2001 HH ₅₆	2003 11 05.2	02 39.47 +24 18.7 20.6	-0.87	- 3.6	2.3/07.4	48030
1998 HX ₁₀₂	2003 11 05.2	02 39.49 +12 44.6 19.2	-1.00	- 3.5	1.0/04.6	10853
1998 WR ₃₈	2003 11 05.2	02 39.70 +17 25.7 19.7	-0.81	- 6.6	0.6/05.8	47758
2002 PR ₁₅₇	2003 11 05.2	02 39.79 +03 50.0 18.8	-0.77	- 3.3	3.8/02.3	48250
2002 JO ₉₈	2003 11 05.2	02 39.80 +23 39.2 17.9	-1.20	- 2.6	3.7/07.1	31727
1999 TD ₂₄₂	2003 11 05.2	02 39.83 -03 20.2 18.9	-0.85	- 7.5	7.2/30.7	11603
1999 XH ₁₃₇	2003 11 05.2	02 39.87 -07 42.4 19.0	-0.91	- 0.1	7.5/31.2	33848
1999 XE ₁₈₆	2003 11 05.2	02 39.87 +14 10.4 17.2	-1.03	- 0.4	0.5/05.0	50446
1998 QA ₁₀₀	2003 11 05.2	02 39.88 +16 04.9 18.8	-0.93	- 3.2	0.2/05.4	31823
1998 UX ₄	2003 11 05.2	02 39.90 +11 58.3 19.4	-0.95	- 2.3	1.4/04.5	33761
2000 DE ₁₂	2003 11 05.2	02 39.90 +12 20.1 17.5	-0.79	- 4.2	1.2/04.5	26930
1999 VW ₁₈₃	2003 11 05.3	02 39.92 +12 21.6 19.4	-0.98	- 1.8	1.4/04.6	17085
2002 NY ₃₈	2003 11 05.3	02 39.94 +02 59.6 18.1	-0.82	- 8.7	4.4/01.6	35222
2000 FO ₅₅	2003 11 05.3	02 39.96 +09 44.5 19.1	-0.88	- 2.3	1.9/04.0	47874
2001 DS ₃₄	2003 11 05.3	02 39.96 +06 03.1 19.5	-0.95	- 4.4	3.4/03.0	11878
1999 XY ₆	2003 11 05.3	02 40.02 +15 13.4 18.0	-1.05	- 1.1	0.1/05.3	47828
2000 GX ₁₁₁	2003 11 05.3	02 40.04 +06 15.2 19.8	-0.75	- 5.6	2.6/02.8	49797
2002 JT ₄₆	2003 11 05.3	02 40.10 +21 06.1 18.3	-1.01	- 5.3	2.1/06.8	33998
2002 JO ₅₂	2003 11 05.3	02 40.12 +13 27.3 19.3	-1.12	- 3.3	0.8/04.9	33999
2002 JS ₆₄	2003 11 05.3	02 40.14 +06 23.9 18.2	-0.90	- 1.8	3.1/03.4	34000
2002 OK ₁	2003 11 05.3	02 40.18 +29 18.3 18.2	-0.83	- 6.0	3.9/09.3	35230
1999 XG ₆₀	2003 11 05.3	02 40.25 +01 57.5 20.6	-0.97	- 1.3	4.4/02.4	38225
1999 XH ₁₁₂	2003 11 05.3	02 40.28 +05 47.0 17.7	-1.08	+ 1.4	3.9/03.6	50444
2002 JW ₆₂	2003 11 05.3	02 40.32 -00 21.3 18.2	-0.98	- 0.5	5.7/02.2	33567
1999 VO ₄₅	2003 11 05.3	02 40.33 +20 29.9 19.1	-1.04	- 3.5	1.8/06.5	15051
2000 AF ₄₄	2003 11 05.4	02 40.27 -01 54.9 20.4	-1.04	+ 1.3	6.7/02.0	11745
2001 FB ₆₈	2003 11 05.4	02 40.28 +18 26.3 20.2	-0.95	- 2.2	0.8/06.1	48021
1999 XC ₁₄₃	2003 11 05.4	02 40.37 +08 47.7 16.7	-0.97	- 1.9	3.1/03.9	50445
2002 GS ₁₀₃	2003 11 05.4	02 40.40 +18 37.6 20.3	-1.15	- 3.9	1.3/06.1	31577
2002 JF ₇₁	2003 11 05.4	02 40.49 +03 27.6 19.1	-1.02	- 5.0	4.8/02.5	31703
2001 FQ ₂₇	2003 11 05.4	02 40.50 +28 09.1 18.3	-0.96	- 1.9	3.9/08.5	35039

1999 RC ₉₈	2003 11 05.4	02 40.58 +23 59.4 18.3	-1.20	- 0.5	3.4/07.1	33820
2001 CU ₂₀	2003 11 05.4	02 40.60 -27 07.2 16.3	-1.25	+ 7.1	19.2/27.5	31938
2002 JN ₂₂	2003 11 05.4	02 40.62 +13 52.6 17.4	-1.14	- 0.9	0.7/05.1	50607
1999 XP ₉₁	2003 11 05.4	02 40.70 +11 13.9 17.9	-0.89	- 3.4	1.7/04.4	50443
2002 NS ₉	2003 11 05.4	02 40.71 +13 45.5 20.0	-0.92	- 5.0	0.6/05.0	35211
2001 DR ₆	2003 11 05.4	02 40.72 +16 59.7 19.0	-1.05	- 4.9	0.5/05.8	48010
2002 PF ₁₁	2003 11 05.5	02 40.68 +31 12.7 18.0	-0.88	- 4.3	4.8/09.8	35245
2000 FH ₃₇	2003 11 05.5	02 40.69 +01 40.8 18.4	-0.73	- 5.7	4.8/01.6	50468
2002 LH ₂₉	2003 11 05.5	02 40.71 +50 51.1 19.2	-1.29	- 5.2	9.9/16.8	33611
2001 ED ₆	2003 11 05.5	02 40.72 +25 30.9 19.8	-1.04	- 1.1	3.2/07.7	48015
1999 TA ₁₄₃	2003 11 05.5	02 40.72 +21 52.6 19.2	-1.05	- 5.4	2.2/07.1	31868
1998 HV ₂₈	2003 11 05.5	02 40.76 +06 33.9 18.9	-0.93	- 6.5	3.8/03.2	47729
2000 NP ₁₈	2003 11 05.5	02 40.79 +18 16.5 18.8	-1.11	- 3.9	1.2/06.1	50412
2000 CF ₅₁	2003 11 05.5	02 40.80 +26 24.4 18.0	-0.83	- 3.9	2.9/08.4	41600
1999 RT ₂₂₂	2003 11 05.5	02 40.82 +16 28.9 18.5	-1.02	- 6.3	0.4/05.8	35480
2000 YC ₃₆	2003 11 05.5	02 40.85 +07 06.9 18.0	-1.08	- 1.4	4.0/03.8	50512
2001 ES ₁₆	2003 11 05.5	02 40.89 +17 57.7 18.9	-0.91	- 4.5	0.7/06.1	35543
1998 EW ₄	2003 11 05.5	02 40.96 +07 18.2 20.2	-1.01	- 5.0	3.0/03.6	47724
1999 RP ₃₃	2003 11 05.5	02 40.97 +23 41.3 17.7	-1.13	- 1.1	3.5/07.2	35475
2000 AJ ₁₀₂	2003 11 05.5	02 41.03 +01 55.6 18.0	-0.96	- 1.6	5.2/02.5	50452
2000 AH ₁₉	2003 11 05.5	02 41.12 +19 35.2 18.6	-0.97	- 3.4	1.3/06.5	35501
2000 BR ₄₉	2003 11 05.6	02 41.08 +41 02.1 17.8	-1.15	- 2.1	10.1/12.2	50457
1999 RP ₂	2003 11 05.6	02 41.12 +37 01.9 18.5	-1.14	- 9.2	8.8/12.6	36550
1998 FC ₂₃	2003 11 05.6	02 41.15 +25 08.4 18.2	-1.17	- 2.6	3.8/07.7	50382
2001 AV ₄₇	2003 11 05.6	02 41.17 +01 49.6 18.8	-1.16	+ 3.3	6.7/03.5	48005
2000 CS ₇₀	2003 11 05.6	02 41.18 +37 47.7 18.8	-1.04	- 2.4	7.4/11.2	50459
2000 DK ₁₁₀	2003 11 05.6	02 41.20 +36 06.6 19.7	-0.97	- 1.6	5.3/10.6	50463
2001 DF ₂₈	2003 11 05.6	02 41.23 +08 23.3 20.0	-0.93	- 3.7	2.5/03.9	48010
2002 GF ₁₆₆	2003 11 05.6	02 41.27 -10 50.8 18.7	-0.98	+ 1.0	10.7/31.4	31607
2002 GM ₅₄	2003 11 05.6	02 41.37 +21 59.8 17.7	-1.10	- 7.2	2.6/07.3	31526
1999 XL ₂₆₀	2003 11 05.6	02 41.40 +05 27.6 18.2	-0.90	- 2.9	3.6/03.3	35500
1995 HB	2003 11 05.6	02 41.54 +18 12.1 18.9	-1.17	- 1.8	1.1/06.2	12110
1999 TJ ₂₁₇	2003 11 05.7	02 41.45 +22 52.9 18.1	-0.98	- 1.7	3.6/07.3	1178
2001 HY ₁₅	2003 11 05.7	02 41.48 +06 39.0 19.7	-0.77	- 3.2	2.6/03.5	48028
1999 TD ₂₁₀	2003 11 05.7	02 41.49 +34 50.5 18.0	-1.16	- 0.1	8.4/09.8	17053
2000 GF ₄₆	2003 11 05.7	02 41.50 +17 06.9 18.9	-0.89	- 1.8	0.5/06.0	7021
1999 VE ₁₄₇	2003 11 05.7	02 41.55 +18 24.7 19.2	-0.91	- 9.6	1.0/06.5	31302
2001 FT ₁₄₆	2003 11 05.7	02 41.56 +16 44.2 19.7	-0.86	- 6.3	0.3/06.0	37587
2000 JP ₂₀	2003 11 05.7	02 41.58 +19 31.4 17.6	-0.78	- 8.6	1.2/06.9	38279
1998 SD ₁₅₇	2003 11 05.7	02 41.64 +16 59.7 18.5	-0.90	- 3.4	0.5/06.1	50395
1997 SO ₁₉	2003 11 05.7	02 41.66 +26 25.5 20.6	-0.91	- 2.4	3.2/08.3	47715
2001 CE ₃₈	2003 11 05.7	02 41.66 -20 17.0 19.9	-0.76	- 1.3	8.2/27.5	14418
1999 JU ₅₉	2003 11 05.7	02 41.67 +12 48.3 18.5	-1.02	- 8.1	1.2/05.0	50409
1999 VX ₂₇	2003 11 05.7	02 41.75 +13 16.9 19.5	-0.99	- 3.0	0.8/05.2	12980
1999 XQ ₁₁₃	2003 11 05.7	02 41.78 +33 07.5 17.4	-1.36	+ 4.2	8.0/08.7	49762
1999 XR ₁₈₁	2003 11 05.7	02 41.80 +20 03.5 16.5	-1.19	+ 1.2	1.7/06.6	50446
2000 EX ₁₀₉	2003 11 05.7	02 41.81 +15 50.1 17.4	-0.78	- 6.3	0.0/05.8	38259
1995 CE ₃	2003 11 05.7	02 41.86 -07 07.4 20.4	-0.76	- 3.4	6.1/31.0	50372
1998 KU ₅₇	2003 11 05.7	02 41.89 +09 57.9 19.4	-0.97	- 5.4	2.1/04.4	16831
1999 VK ₁₃₀	2003 11 05.7	02 41.89 +23 16.0 18.2	-1.04	- 6.1	3.2/07.8	2686
2002 FP ₄	2003 11 05.7	02 41.92 +10 05.2 18.3	-1.03	- 5.7	2.2/04.4	31986

1999 VK ₇	2003 11 05.8	02 41.86 +12 04.6 18.6	-1.01 - 2.1	1.5/05.0	15051	2000 FK ₁₁	2003 11 06.1	02 43.27 +04 04.3 19.4	-0.78 - 2.1	3.0/03.4	2762
2002 JX ₅₁	2003 11 05.8	02 41.89 +16 42.0 19.6	-1.01 - 4.6	0.4/06.0	31677	2002 GC ₁₈	2003 11 06.1	02 43.28 +13 34.6 20.0	-1.03 - 3.6	0.8/05.6	31992
2001 BE ₆₈	2003 11 05.8	02 41.89 +11 07.0 18.5	-1.04 - 3.9	1.9/04.7	12281	1999 TZ ₁₆₁	2003 11 06.1	02 43.36 +10 01.6 18.4	-0.99 - 3.9	2.2/04.8	47808
2000 CF ₉₁	2003 11 05.8	02 41.90 +02 31.2 19.7	-0.75 - 4.2	3.5/02.3	37330	2002 HA	2003 11 06.1	02 43.37 -05 16.6 19.4	-0.88 - 4.5	7.4/32.0	33994
1997 CO ₂	2003 11 05.8	02 41.93 +08 56.5 22.0	-0.94 - 4.1	2.1/04.2	38456	2001 LB ₁₀	2003 11 06.1	02 43.40 +00 37.4 20.1	-0.79 - 2.5	4.2/02.5	14946
2000 AX ₆₉	2003 11 05.8	02 41.94 +12 28.1 17.4	-0.84 - 6.7	1.5/04.9	50451	2001 FB ₁₅₂	2003 11 06.1	02 43.44 +12 57.5 21.2	-0.88 - 7.2	0.9/05.4	13845
1999 XS ₁₇₆	2003 11 05.8	02 41.96 +22 37.7 19.5	-1.11 - 1.8	2.7/07.3	2702	2000 BJ ₁₅	2003 11 06.1	02 43.45 +36 00.4 18.8	-0.92 - 5.5	6.2/12.1	47847
1999 VO ₂₂₃	2003 11 05.8	02 41.97 +05 13.2 19.0	-1.02 - 0.5	4.4/03.8	50440	2002 GP ₄	2003 11 06.1	02 43.55 +41 29.3 19.2	-1.63 + 1.6	9.6/11.4	30734
2001 FQ ₁₇₁	2003 11 05.8	02 41.98 -08 56.9 19.4	-0.75 - 2.7	6.4/30.6	35551	2001 BW ₃₃	2003 11 06.2	02 43.50 +06 03.9 19.0	-1.00 - 5.9	3.9/03.7	13806
2000 CF ₄₆	2003 11 05.8	02 42.16 +30 18.0 18.3	-0.93 - 3.8	4.6/09.6	35511	1999 WH ₁₃	2003 11 06.2	02 43.65 +16 18.8 19.8	-0.95 - 5.5	0.2/06.4	47827
1999 RE ₁₀	2003 11 05.8	02 42.16 +03 25.6 18.0	-1.01 - 3.9	5.3/02.9	50414	2002 PZ ₁₄₀	2003 11 06.2	02 43.66 +19 39.4 19.5	-0.95 - 0.5	1.1/07.1	38364
2001 HH ₂₅	2003 11 05.8	02 42.17 +17 03.9 19.7	-0.92 - 2.8	0.4/06.2	13440	1998 KH ₆₅	2003 11 06.2	02 43.66 +12 07.4 20.0	-0.96 - 4.7	1.3/05.3	47732
2002 LQ ₅₁	2003 11 05.8	02 42.19 +09 28.4 20.6	-0.87 - 6.1	2.1/04.2	48240	2001 KG ₅₂	2003 11 06.2	02 43.81 +09 52.9 19.4	-0.94 - 1.3	2.0/05.0	14317
2002 PY ₁₂	2003 11 05.8	02 42.29 +03 10.7 18.8	-0.74 - 5.0	3.8/02.5	35245	2001 BS ₆₅	2003 11 06.2	02 43.84 +20 08.3 18.7	-0.99 - 6.7	1.7/07.4	48007
1999 VB ₁₁₀	2003 11 05.9	02 42.24 +15 15.8 19.1	-0.94 - 4.7	0.2/05.8	12195	1998 KZ ₂₉	2003 11 06.2	02 43.86 +13 33.4 20.3	-1.00 - 3.5	0.8/05.8	47732
1999 XH ₂₄₂	2003 11 05.9	02 42.28 +15 19.0 18.0	-1.00 - 0.5	0.2/05.8	50448	2001 HZ ₅	2003 11 06.3	02 43.82 +16 12.2 17.3	-0.94 + 0.3	0.1/06.4	50533
2000 EG ₂₀₁	2003 11 05.9	02 42.39 +14 53.0 18.3	-0.82 - 2.4	0.3/05.7	47871	2000 BH ₁₇	2003 11 06.3	02 43.86 +05 10.8 19.0	-0.87 - 3.0	3.7/03.8	47847
2002 GC ₂₁	2003 11 05.9	02 42.41 +18 38.5 19.3	-1.10 - 5.3	1.2/06.6	48227	1998 KJ ₂₀	2003 11 06.3	02 43.88 +11 16.5 20.3	-1.01 - 4.1	1.6/05.2	47732
1999 XB ₅₀	2003 11 05.9	02 42.44 +02 50.8 18.0	-1.13 + 6.0	6.3/04.4	7516	2000 DM ₂₅	2003 11 06.3	02 43.96 +38 09.2 19.0	-0.95 - 2.8	5.9/12.3	38249
2001 AO ₄₁	2003 11 05.9	02 42.49 +23 17.7 17.9	-1.04 - 4.6	3.5/07.8	50517	2001 FV ₄₈	2003 11 06.3	02 43.98 +27 33.2 20.1	-1.09 - 0.7	3.6/08.8	13831
2001 DL ₉₉	2003 11 05.9	02 42.55 +07 21.7 18.9	-0.87 - 7.2	3.0/03.7	48014	2002 KW ₁₀	2003 11 06.3	02 44.00 +15 08.9 20.4	-0.97 - 5.6	0.3/06.2	48238
2000 EY ₁₃₈	2003 11 05.9	02 42.56 +04 11.4 18.9	-0.88 - 0.1	3.5/03.5	3539	2002 JR ₃₈	2003 11 06.3	02 44.02 +19 54.9 19.1	-1.13 - 3.8	1.6/07.3	32020
1999 TJ ₂₁₀	2003 11 05.9	02 42.56 +34 54.0 17.7	-1.25 0.0	8.0/10.2	49720	2000 AH ₉₇	2003 11 06.3	02 44.1 +76 37.9 17.1	-2.09 +10.7	32.2/21.0	49778
2000 YG ₁₂₆	2003 11 05.9	02 42.57 +22 31.1 19.1	-1.04 - 1.8	2.0/07.4	48002	2002 NK ₄₅	2003 11 06.3	02 44.14 -09 45.1 20.3	-0.92 - 2.3	9.0/31.1	48241
1999 CV ₁₁	2003 11 05.9	02 42.59 +48 35.6 19.2	-1.55 - 5.5	14.1/15.6	15621	1999 VY ₂₂₃	2003 11 06.3	02 44.18 +06 56.8 18.8	-0.89 - 7.7	3.7/04.0	50440
1999 RO ₁₀₅	2003 11 05.9	02 42.61 +20 45.1 18.3	-1.01 - 6.4	1.8/07.3	50417	2002 GF ₂₇	2003 11 06.3	02 44.19 -17 33.0 19.9	-1.51 + 6.3	15.5/01.6	31993
1999 XL ₁₅₆	2003 11 05.9	02 42.61 +06 12.3 17.8	-0.83 - 2.6	4.7/03.7	49766	2000 AB ₇₀	2003 11 06.3	02 44.22 +00 06.4 17.9	-0.90 - 1.4	7.1/02.8	2713
2000 AJ ₁₀₄	2003 11 05.9	02 42.64 +09 16.8 19.1	-0.89 - 5.8	2.5/04.3	18225	1999 VC ₁₄₂	2003 11 06.3	02 44.22 +16 24.9 20.3	-0.97 - 4.0	0.2/06.5	13624
2002 HS ₁₁	2003 11 05.9	02 42.67 -15 53.2 20.1	-0.85 - 6.5	9.5/27.8	48232	1999 XX ₁₅₉	2003 11 06.4	02 44.22 +03 19.2 17.7	-0.79 - 1.7	6.5/03.4	49766
2002 GG ₇₂	2003 11 05.9	02 42.68 +11 22.1 19.9	-1.04 - 4.5	1.6/05.0	31541	2001 DU ₂₉	2003 11 06.4	02 44.25 +17 13.5 19.4	-0.97 - 2.8	0.4/06.7	33897
1999 TT ₂₁₈	2003 11 06.0	02 42.65 +20 19.4 18.9	-1.07 - 2.5	1.6/07.0	37182	1999 XW ₅₈	2003 11 06.4	02 44.31 +21 21.9 17.9	-0.94 - 6.8	2.0/07.9	50443
2001 DF ₅₈	2003 11 06.0	02 42.81 +20 54.6 19.4	-0.99 - 6.7	1.8/07.4	49904	2001 CW ₃₆	2003 11 06.4	02 44.41 +02 10.0 20.8	-0.90 - 4.8	4.4/03.0	35540
2001 EN ₁₅	2003 11 06.0	02 42.85 +20 16.5 19.8	-0.86 - 1.8	1.2/07.1	38292	1999 VS ₅₁	2003 11 06.4	02 44.42 +20 33.1 17.9	-1.13 - 0.1	1.6/07.3	10497
2000 GA ₉	2003 11 06.0	02 42.87 +13 19.7 19.1	-0.84 - 3.8	0.8/05.4	1267	2001 FE ₁₄₁	2003 11 06.4	02 44.42 +28 14.1 17.8	-0.95 - 7.4	4.5/10.0	16094
1999 XJ ₁₁₄	2003 11 06.0	02 42.99 +39 13.6 17.6	-1.11 - 5.0	9.3/12.5	50444	2000 EQ ₁₁₈	2003 11 06.4	02 44.46 +22 02.3 18.0	-0.94 - 1.2	1.9/07.8	50466
1999 RK ₆₇	2003 11 06.0	02 43.05 +00 20.6 19.3	-0.89 - 7.1	6.8/02.0	47789	2001 DX ₉₀	2003 11 06.4	02 44.46 +16 46.8 19.1	-1.02 - 4.6	0.4/06.7	48013
1999 VN ₁₉	2003 11 06.0	02 43.05 +09 49.9 18.4	-0.91 - 4.8	2.5/04.6	2680	2001 EJ ₁₁	2003 11 06.4	02 44.47 +19 23.7 18.4	-1.03 - 0.8	1.2/07.2	13820
2001 CF ₉	2003 11 06.0	02 43.06 +17 12.4 19.5	-1.07 - 3.4	0.5/06.4	20836	2002 NH ₃₈	2003 11 06.4	02 44.48 +32 58.1 17.4	-0.86 - 5.2	5.0/11.3	41767
1999 XG ₁₅₅	2003 11 06.0	02 43.06 +06 09.3 17.2	-0.82 - 0.5	5.0/04.0	1557	2001 DA ₉₅	2003 11 06.4	02 44.50 +37 45.9 18.7	-1.08 - 5.7	7.6/12.7	13264
2001 KQ ₃₀	2003 11 06.0	02 43.08 +17 18.1 19.5	-0.77 - 4.5	0.4/06.5	48033	2000 DD ₃₁	2003 11 06.4	02 44.50 +21 32.4 19.0	-0.82 - 3.3	1.5/07.9	38249
2002 HR	2003 11 06.0	02 43.09 +04 40.8 19.9	-1.01 - 3.4	3.9/03.6	33994	2001 FP ₁₂₆	2003 11 06.4	02 44.54 +11 26.1 20.1	-0.97 - 3.0	1.5/05.4	48024
1999 XY ₂₃	2003 11 06.0	02 43.10 +18 45.8 18.1	-0.91 - 8.3	1.2/06.9	47828	1999 TX ₁₉₆	2003 11 06.4	02 44.55 +24 02.6 18.2	-0.98 - 5.0	3.6/08.6	1504
1999 RV ₁₅₇	2003 11 06.1	02 43.03 +17 35.7 17.6	-1.07 - 1.1	0.9/06.5	50419	2001 EX ₈	2003 11 06.4	02 44.58 +11 01.8 20.1	-0.98 - 4.4	1.8/05.3	48015
1999 RL ₁₃₆	2003 11 06.1	02 43.04 +03 06.6 17.9	-0.96 - 4.8	5.3/03.0	50418	1999 XA ₈₇	2003 11 06.4	02 44.59 +34 13.0 17.1	-0.91 - 8.2	7.8/12.2	50443
2001 DP ₉₈	2003 11 06.1	02 43.06 +36 25.6 20.0	-1.10 - 4.3	6.7/11.5	48014	2002 PX ₁₅₉	2003 11 06.4	02 44.60 +24 28.9 21.4	-0.90 - 3.3	2.4/08.6	48251
2002 JH ₆₁	2003 11 06.1	02 43.15 +07 44.5 18.4	-1.07 - 1.3	3.3/04.5	31688	2002 LC ₁	2003 11 06.4	02 44.64 +07 31.2 18.6	-0.93 - 5.7	3.3/04.4	31767
2001 KB ₇₆	2003 11 06.1	02 43.18 +12 37.4 20.1	-0.80 - 3.3	0.9/05.4	37659	2001 BT ₂₃	2003 11 06.4	02 44.69 +18 09.0 19.4	-1.02 - 5.1	0.8/07.0	33358
1998 RB ₅₃	2003 11 06.1	02 43.20 +27 16.0 19.8	-1.03 - 2.3	3.5/08.8	47740	2001 GN ₁	2003 11 06.4	02 44.71 +17 35.7 19.4	-1.06 - 0.4	0.6/06.8	48027
2001 GY	2003 11 06.1	02 43.21 +13 28.9 18.8	-0.86 - 4.4	0.8/05.6	35551	2001 FQ ₆₆	2003 11 06.5	02 44.73 -12 40.5 19.9	-0.85 - 8.4	9.1/28.4	13834
1999 XQ ₁₇₇	2003 11 06.1	02 43.25 +08 16.3 19.1	-0.90 - 2.2	2.4/04.4	47834	2002 JE ₇₃	2003 11 06.5	02 44.76 +10 54.6 18.2	-0.88 - 9.2	1.8/05.1	34001
2001 EB ₁₁	2003 11 06.1	02 43.26 -01 00.9 20.7	-0.81 - 5.1	4.8/01.7	13820	2001 HD ₁₄	2003 11 06.5	02 44.76 +06 41.9 21.2	-0.98 - 1.1	2.9/04.6	13427

1999 TM ₁₉₈	2003 11 06.5	02 44.79 +18 54.3 18.3	-1.13 + 0.7	1.1/07.1	14791
2000 FH ₁₂	2003 11 06.5	02 44.85 +22 28.3 18.2	-0.95 - 0.3	1.9/07.9	35525
1063 T-3	2003 11 06.5	02 44.90 +22 40.2 18.7	-0.84 - 6.0	2.1/08.4	33738
1999 XL ₂₁₈	2003 11 06.5	02 44.97 +17 30.7 18.5	-0.91 - 3.9	0.6/06.9	13639
2001 AS ₁₄	2003 11 06.5	02 45.04 +08 12.7 19.7	-0.98 - 6.6	3.4/04.6	48003
2000 YL ₆₃	2003 11 06.5	02 45.04 +27 43.2 18.5	-1.06 - 5.1	4.0/09.5	35537
2001 DN ₂₆	2003 11 06.5	02 45.05 +09 58.6 17.4	-0.96 - 2.7	2.9/05.2	16091
2000 YV ₆₂	2003 11 06.6	02 45.10 +07 09.0 19.2	-1.01 - 4.6	3.6/04.5	11016
1999 XA ₁₈₄	2003 11 06.6	02 45.10 +34 44.3 17.8	-1.08 - 4.1	6.8/11.3	35498
2001 BT ₆₁	2003 11 06.6	02 45.42 +34 39.5 18.9	-1.13 - 2.6	6.1/11.1	38289
1999 TF ₂₁₃	2003 11 06.6	02 45.44 +24 24.3 18.2	-1.11 - 2.7	3.3/08.5	33832
1999 VL ₅₂	2003 11 06.6	02 45.49 +20 33.8 17.6	-0.96 - 4.9	1.8/07.8	12987
2002 JR ₂₁	2003 11 06.7	02 45.45 +06 32.3 20.6	-0.95 - 3.1	3.1/04.6	33997
1999 XB ₂₄₅	2003 11 06.7	02 45.47 -10 04.7 17.7	-0.88 - 1.7	10.1/31.3	50448
1996 RZ ₂₀	2003 11 06.7	02 45.53 +28 36.5 18.0	-1.21 - 2.2	5.6/09.5	47704
2002 JL ₉₉	2003 11 06.7	02 45.53 -06 03.6 20.3	-1.03 + 1.3	7.7/03.0	48236
1997 LS ₄	2003 11 06.7	02 45.54 +10 33.8 21.0	-0.90 - 4.8	1.8/05.4	47713
1994 CF ₆	2003 11 06.7	02 45.56 -00 33.7 19.9	-0.74 - 3.8	4.5/02.4	47691
2000 RX ₃₆	2003 11 06.7	02 45.59 -24 56.5 19.7	-0.97 - 7.9	18.8/23.1	29283
2002 GA ₁₁₁	2003 11 06.7	02 45.60 +07 24.2 18.8	-1.10 - 1.3	3.9/05.1	31583
2000 CT ₁	2003 11 06.7	02 45.66 +15 11.8 18.7	-0.78 - 3.6	0.2/06.6	38242
1999 PS ₁	2003 11 06.7	02 45.67 +26 41.4 19.3	-1.13 - 5.3	3.9/09.4	47786
4718 P-L	2003 11 06.7	02 45.68 +19 38.5 20.2	-1.01 - 3.3	1.4/07.6	48387
2002 JB ₆₀	2003 11 06.7	02 45.70 +13 06.7 20.1	-0.93 - 5.5	0.9/06.0	33999
2000 WK ₁₅₃	2003 11 06.7	02 45.70 +10 14.5 19.0	-1.07 - 3.5	2.3/05.5	27167
2002 JX ₉₇	2003 11 06.7	02 45.74 -04 18.4 19.7	-0.87 - 3.5	7.0/01.9	50610
2002 NN ₃₀	2003 11 06.7	02 45.84 +06 39.5 17.8	-0.76 - 5.4	2.8/04.3	38341
2001 HL ₃₃	2003 11 06.7	02 45.86 +15 41.5 20.2	-0.78 - 3.7	0.1/06.7	35553
1998 QD ₈₂	2003 11 06.7	02 45.87 +14 02.0 19.0	-0.81 - 9.5	0.8/06.2	30275
2002 JK ₆₃	2003 11 06.8	02 45.83 +09 57.9 21.6	-0.95 - 3.5	2.0/05.4	48235
2002 OJ ₆	2003 11 06.8	02 45.84 +30 49.1 19.9	-0.86 - 5.6	4.1/11.0	48242
2002 JP ₃₃	2003 11 06.8	02 45.86 +15 50.7 18.8	-1.01 - 8.0	0.1/06.8	50608
2002 JP ₁₀₃	2003 11 06.8	02 45.87 +12 11.2 20.8	-1.02 - 6.1	1.4/05.9	48236
2002 GA ₉₆	2003 11 06.8	02 46.02 +24 06.1 19.3	-1.15 - 4.7	3.2/08.8	48229
2000 AL ₆₇	2003 11 06.8	02 46.04 +29 11.3 18.5	-0.92 - 3.8	4.0/10.2	35503
2000 EW ₃₅	2003 11 06.8	02 46.05 +11 49.2 19.3	-0.79 - 4.3	1.3/05.8	33221
1999 VW ₇₃	2003 11 06.8	02 46.07 +12 25.5 19.1	-0.98 - 5.2	1.5/06.0	15051
1995 UQ	2003 11 06.8	02 46.13 +29 12.4 19.8	-1.10 - 3.9	4.5/10.1	47698
2001 GX ₄	2003 11 06.8	02 46.15 +02 34.1 17.5	-0.90 + 0.4	4.3/04.3	13391
2000 AN ₂₃₆	2003 11 06.8	02 46.18 +31 40.6 18.1	-0.94 - 3.8	4.8/10.9	35508
1999 VE ₂₀₀	2003 11 06.8	02 46.21 -07 45.7 18.7	-0.96 + 0.5	9.9/02.1	33841
2000 EC ₄₇	2003 11 06.8	02 46.23 +20 49.6 18.7	-0.86 - 2.5	1.5/08.0	50464
2002 BG ₂₁	2003 11 06.8	02 46.25 -01 45.9 17.1	-1.73 +11.9	9.0/06.1	30633
2001 BW ₆₃	2003 11 06.9	02 46.23 +28 02.5 17.6	-1.09 - 4.0	5.1/09.8	50520
2002 JJ ₁₅	2003 11 06.9	02 46.25 +09 02.0 20.3	-1.08 - 4.1	2.6/05.3	32015
1999 XH ₇	2003 11 06.9	02 46.29 +10 32.1 18.3	-1.01 - 0.4	1.8/05.8	13628
2002 NN ₂₄	2003 11 06.9	02 46.36 +21 19.2 17.8	-0.82 - 5.2	1.6/08.3	50614
1998 RU ₆	2003 11 06.9	02 46.37 +33 06.9 19.3	-1.10 - 2.3	5.7/11.0	27609
1999 TF ₁₂₂	2003 11 06.9	02 46.41 +10 04.5 18.4	-0.89 - 7.9	2.5/05.3	33829
1999 VN ₁₉₄	2003 11 06.9	02 46.42 +00 40.9 18.9	-0.92 - 3.7	6.0/03.2	50439
2000 BQ ₄	2003 11 06.9	02 46.47 +25 56.8 18.6	-1.09 - 0.2	3.9/08.9	41596

2000 CM ₁₁₈	2003 11 06.9	02 46.48 -00 40.7 18.0	-0.81 - 3.9	6.1/02.7	50460
2000 YM ₈₈	2003 11 06.9	02 46.50 +13 52.4 19.9	-1.04 - 4.8	1.1/06.4	48001
2002 PE ₂₄	2003 11 06.9	02 46.50 +13 05.6 19.2	-0.83 - 4.2	0.9/06.2	35249
2000 CX ₄₇	2003 11 06.9	02 46.54 +31 24.6 18.1	-0.93 - 4.0	4.7/10.9	35511
2001 CW ₂₁	2003 11 06.9	02 46.56 +29 03.1 18.9	-1.16 - 3.1	5.7/09.9	48009
2001 FU ₁₂₉	2003 11 06.9	02 46.68 +32 30.7 20.1	-1.09 - 2.5	5.4/10.8	48025
1999 WA ₂₅	2003 11 07.0	02 46.87 +03 20.8 19.3	-1.05 + 0.8	4.7/04.8	33842
2001 CC ₂₃	2003 11 07.0	02 46.90 +02 18.9 18.6	-0.93 - 4.2	4.9/03.7	33895
2001 FM ₁₇₂	2003 11 07.0	02 46.92 -19 03.2 19.4	-0.82 - 5.2	10.2/27.1	37594
2000 YW ₁₁₅	2003 11 07.0	02 47.00 +16 39.4 19.5	-1.07 - 3.6	0.2/07.2	34991
2000 SU ₂₃	2003 11 07.0	02 47.01 -03 15.8 18.3	-1.01 -17.9	8.6/31.5	30386
2002 NK ₂	2003 11 07.0	02 47.03 +13 58.4 19.3	-0.82 - 3.8	0.6/06.6	35582
2002 EN ₃₀	2003 11 07.0	02 47.07 +08 12.7 18.6	-1.06 - 4.5	3.4/05.3	48217
2000 YQ ₅₀	2003 11 07.0	02 47.10 +05 58.8 18.7	-1.01 - 4.5	4.1/04.7	41677
2001 DX ₁₀₁	2003 11 07.1	02 47.02 +16 57.1 18.2	-1.09 - 1.6	0.4/07.3	11921
2002 GL ₂₆	2003 11 07.1	02 47.06 +22 13.2 18.1	-1.16 - 3.0	2.4/08.4	33978
2002 PB ₁₆	2003 11 07.1	02 47.07 +13 29.3 19.8	-0.83 - 4.1	0.8/06.5	50616
2001 BB ₅₇	2003 11 07.1	02 47.14 +08 27.5 20.0	-0.91 - 4.3	2.4/05.3	48007
1999 QQ	2003 11 07.1	02 47.15 +16 27.9 19.6	-1.07 - 4.7	0.1/07.2	47786
2001 FH ₈	2003 11 07.1	02 47.27 +12 30.0 19.0	-0.90 - 6.1	1.2/06.2	33383
1999 RK ₁₉₂	2003 11 07.1	02 47.29 +05 17.8 19.0	-0.93 - 5.4	4.2/04.4	47796
2002 GR ₇	2003 11 07.1	02 47.39 +07 22.3 19.0	-1.07 - 3.7	3.5/05.3	31991
2001 FB ₅₁	2003 11 07.1	02 47.41 +19 14.4 19.6	-0.93 - 4.1	1.0/07.9	48020
1998 HA ₅₈	2003 11 07.1	02 47.43 +14 59.7 20.3	-1.05 - 3.9	0.4/06.9	16816
2002 JN ₆₁	2003 11 07.2	02 47.42 +10 20.3 19.6	-1.02 - 4.8	2.2/05.8	48234
1999 TZ ₈	2003 11 07.2	02 47.43 +23 08.0 19.8	-1.10 - 3.9	2.6/08.8	47800
1999 TM ₁₈₇	2003 11 07.2	02 47.54 +24 49.8 18.7	-1.04 - 4.8	3.3/09.3	47809
2000 CZ ₉₈	2003 11 07.2	02 47.55 +09 53.2 18.0	-0.81 - 3.8	2.0/05.7	13158
2000 YO ₁₃₈	2003 11 07.2	02 47.59 +17 30.5 19.8	-1.00 - 3.7	0.5/07.6	31933
2000 GU ₁₁₅	2003 11 07.2	02 47.59 +12 30.9 18.0	-0.81 - 3.5	1.1/06.4	1612
2001 FN ₁₃₆	2003 11 07.2	02 47.60 -03 03.0 19.2	-0.83 - 0.7	5.4/03.1	35057
1998 FR ₄₀	2003 11 07.2	02 47.63 +21 16.3 19.4	-1.10 - 4.1	2.0/08.4	9067
2002 OM ₆	2003 11 07.2	02 47.63 +27 49.4 19.8	-0.97 - 5.8	3.5/10.3	35591
2001 KJ ₆₉	2003 11 07.2	02 47.82 -03 14.8 19.3	-0.79 -10.1	6.1/01.2	48034
1999 LY ₉	2003 11 07.2	02 47.83 +08 06.5 18.8	-0.97 - 7.9	3.7/05.2	50411
1999 XM ₂₀₃	2003 11 07.2	02 47.83 +35 10.3 17.7	-1.05 - 3.9	6.6/12.1	35498
2001 LL ₁₅	2003 11 07.2	02 47.87 -00 23.8 19.5	-0.82 - 1.5	4.9/03.6	20842
2000 AP ₅₄	2003 11 07.3	02 47.81 +23 27.8 18.0	-0.94 - 3.9	3.0/09.1	50451
2000 EX ₃₇	2003 11 07.3	02 47.86 +20 13.7 19.2	-0.82 - 2.8	1.1/08.3	47862
1999 XB ₂₁₃	2003 11 07.3	02 47.97 +00 32.4 17.5	-0.87 - 3.3	6.8/03.5	50447
1998 RM ₃₃	2003 11 07.3	02 48.02 +17 40.3 18.1	-0.97 - 2.5	0.5/07.7	31825
1999 WQ ₆	2003 11 07.3	02 48.02 +04 10.6 17.4	-1.01 + 0.8	5.1/05.1	38125
1999 VT ₄₆	2003 11 07.3	02 48.13 +19 08.6 18.5	-1.35 + 5.5	1.2/07.7	18217
1981 EC ₃₅	2003 11 07.3	02 48.14 +07 14.7 18.6	-1.01 - 5.3	3.4/05.2	33750
3196 T-2	2003 11 07.3	02 48.15 +17 29.2 18.8	-1.07 - 3.2	0.5/07.7	50811
1999 XS ₂₃₄	2003 11 07.3	02 48.22 +07 34.0 18.4	-0.90 - 4.8	3.5/05.2	13082
2002 JO ₆₄	2003 11 07.3	02 48.28 +10 39.6 17.7	-1.04 - 6.0	2.2/06.1	33567
2002 PW ₇₅	2003 11 07.4	02 48.23 +14 41.3 18.8	-0.84 - 3.1	0.4/07.0	35289
2001 FF ₉₉	2003 11 07.4	02 48.23 +11 29.9 20.1	-0.88 - 4.1	1.4/06.3	48023
2000 ED ₁₉₈	2003 11 07.4	02 48.24 +16 28.2 17.6	-0.79 - 6.0	0.1/07.5	38263
1999 XP ₁₀₃	2003 11 07.4	02 48.30 +36 04.6 17.4	-0.98 - 6.2	8.3/13.2	40415

2003 OCT. 10

M.P.C. 49835

2001 EP ₄	2003 11 07.4	02 48.34 +06 48.0 21.0	-0.89 - 4.2	3.0/05.2	12307
2000 DC ₇₂	2003 11 07.4	02 48.44 +35 16.1 19.6	-1.00 - 1.2	5.4/11.9	34905
2000 DQ ₆₃	2003 11 07.4	02 48.47 +30 36.0 18.1	-0.90 - 2.7	4.1/11.0	38251
1995 XT ₁	2003 11 07.4	02 48.51 +22 31.7 17.4	-0.91 - 5.5	2.9/09.1	50374
2001 DB ₇₉	2003 11 07.4	02 48.51 -06 52.6 18.5	-0.90 - 2.6	7.4/01.9	35021
2001 DD ₆₆	2003 11 07.4	02 48.58 +07 05.6 19.5	-0.91 - 5.1	3.3/05.2	18313
1999 TN ₂₂	2003 11 07.4	02 48.60 +15 48.5 19.6	-1.04 - 3.5	0.1/07.4	16041
2002 RJ ₇₀	2003 11 07.4	02 48.63 +03 59.7 20.2	-0.73 - 6.0	3.2/04.1	50116
2001 CS ₁₄	2003 11 07.4	02 48.67 -23 06.4 19.6	-0.88 - 1.2	10.8/28.7	35540
2002 AA ₂₂	2003 11 07.4	02 48.79 +53 04.9 19.6	-2.02 + 0.5	17.0/15.7	30606
1998 UM ₃₅	2003 11 07.5	02 48.64 +16 35.5 19.8	-0.88 - 4.5	0.1/07.6	47754
2001 FC ₁₇	2003 11 07.5	02 48.68 +17 46.3 19.4	-1.00 - 3.5	0.6/07.9	17573
2001 MF ₁₁	2003 11 07.5	02 48.70 +01 05.9 19.1	-0.77 - 4.9	4.4/03.5	38310
1998 TP ₆	2003 11 07.5	02 48.72 -02 25.5 18.5	-0.90 - 1.7	7.7/03.6	50395
2000 FJ ₂₂	2003 11 07.5	02 48.76 +24 11.1 18.1	-0.98 + 0.2	2.4/09.1	35525
2001 FT ₁₅₉	2003 11 07.5	02 48.86 +13 19.2 20.8	-0.90 - 4.4	0.9/06.8	48026
2001 GJ ₇	2003 11 07.5	02 48.98 -00 09.1 19.2	-0.82 - 2.1	5.0/03.8	35551
2001 FG ₁₂₇	2003 11 07.5	02 48.98 -02 27.5 19.8	-0.87 - 6.4	6.0/02.4	37583
2002 HN ₁₂	2003 11 07.5	02 48.99 +15 50.6 20.8	-1.09 - 4.7	0.2/07.5	32012
2001 FA ₅₄	2003 11 07.5	02 49.05 +19 47.8 19.4	-1.06 - 0.2	1.2/08.3	13307
1994 TC ₁₂	2003 11 07.6	02 49.11 +13 57.5 19.5	-0.89 - 4.6	0.9/07.1	47693
1998 BN ₈	2003 11 07.6	02 49.12 +21 51.1 18.5	-1.15 - 3.4	2.2/08.8	35445
2000 CJ ₁₀₀	2003 11 07.6	02 49.14 +14 51.1 20.3	-0.84 - 3.6	0.4/07.3	47852
1998 QY ₇₀	2003 11 07.6	02 49.14 +15 45.7 17.6	-0.82 - 8.8	0.2/07.5	50389
2000 AH ₈₅	2003 11 07.6	02 49.15 +02 42.3 18.1	-0.87 - 3.2	4.3/04.4	38236
2000 DZ ₁₉	2003 11 07.6	02 49.20 -01 47.1 18.1	-0.79 - 3.7	5.9/03.1	35514
2002 JF ₁₁₃	2003 11 07.6	02 49.24 +14 52.6 18.1	-1.17 - 1.6	0.5/07.4	32031
2001 CB ₁₂	2003 11 07.6	02 49.24 +26 53.4 18.6	-1.17 - 1.6	4.8/09.8	17544
1999 XV ₅	2003 11 07.6	02 49.25 +10 59.6 19.1	-1.01 - 1.2	2.0/06.6	13024
2002 PC ₁₉	2003 11 07.6	02 49.26 -00 08.9 19.2	-0.77 - 3.9	5.2/03.5	48244
1999 RV ₅₇	2003 11 07.6	02 49.27 +13 14.2 18.2	-1.05 - 3.3	1.3/07.0	49678
1999 RK ₅₂	2003 11 07.6	02 49.27 +14 55.9 18.5	-1.08 - 2.8	0.6/07.4	50415
2002 JA ₇₄	2003 11 07.6	02 49.28 +07 39.8 19.0	-0.86 - 7.3	3.0/05.4	34001
1999 QC	2003 11 07.6	02 49.29 -00 45.3 18.9	-1.01 - 4.0	6.4/03.9	50413
1999 TR ₉₅	2003 11 07.6	02 49.40 +13 47.3 18.3	-1.08 - 1.9	1.0/07.2	31866
1998 HP ₁₃₀	2003 11 07.6	02 49.40 +10 43.8 20.1	-0.97 - 5.7	1.9/06.3	33768
1999 WR ₂₀	2003 11 07.6	02 49.40 +11 22.7 19.4	-0.96 - 3.0	1.7/06.6	38223
2001 EW	2003 11 07.6	02 49.41 +05 24.7 20.2	-0.87 - 3.6	3.5/05.1	48014
2001 DD ₉₀	2003 11 07.6	02 49.41 +11 12.6 19.4	-0.99 - 4.7	2.1/06.5	48013
1999 XZ ₂₅₀	2003 11 07.6	02 49.41 +20 04.4 19.0	-0.92 - 4.3	1.4/08.6	3923
2000 AU ₉₇	2003 11 07.7	02 49.47 +36 21.1 18.5	-1.13 - 1.0	7.5/12.0	47841
2002 PQ ₇₁	2003 11 07.7	02 49.51 +03 46.2 20.1	-0.79 - 5.5	3.7/04.5	48246
2000 CK ₁₂₄	2003 11 07.7	02 49.57 +27 51.4 19.7	-0.92 - 2.7	3.4/10.5	47853
2000 AO ₁₃₀	2003 11 07.7	02 49.62 +26 12.1 17.7	-0.92 - 6.1	4.1/10.4	39577
2002 JK ₁	2003 11 07.7	02 49.69 +12 40.7 18.2	-0.86 - 9.9	1.4/06.7	31615
1999 VE ₆₄	2003 11 07.7	02 49.71 +14 04.5 18.8	-1.02 - 1.8	0.9/07.3	11646
2001 FY ₉₅	2003 11 07.7	02 49.76 +16 10.5 18.9	-1.00 - 0.3	0.0/07.7	13330
2001 DA ₁₇	2003 11 07.7	02 49.76 +04 57.7 19.4	-1.07 - 3.6	4.9/05.2	13813
2000 HP ₈₃	2003 11 07.7	02 49.78 -02 05.6 19.2	-0.90 + 0.5	5.2/04.0	15082
2000 EM ₄₃	2003 11 07.7	02 49.82 +14 54.8 18.8	-0.84 - 3.5	0.4/07.5	49794
1999 TF ₂₆₀	2003 11 07.7	02 49.85 +10 23.2 18.9	-0.90 - 6.8	2.7/06.2	15050

2001 FY ₁₈₃	2003 11 07.7	02 49.90 +17 59.5 18.9	-1.05 - 1.3	0.8/08.1	23619
2000 GS ₁₁₈	2003 11 07.8	02 49.83 +06 41.5 20.2	-0.73 - 5.7	2.9/05.2	47882
2000 AQ ₁₄₅	2003 11 07.8	02 49.85 +21 38.5 17.9	-0.90 - 6.2	1.9/09.2	47843
1999 NR ₃₇	2003 11 07.8	02 49.87 +25 52.6 19.3	-1.15 - 5.2	3.6/10.1	49667
1999 RK ₁₈	2003 11 07.8	02 49.94 +30 05.2 18.4	-1.26 - 2.0	5.2/10.8	29062
2000 CH ₁₃₆	2003 11 07.8	02 50.00 +15 44.8 20.1	-0.82 - 3.8	0.2/07.7	47853
1978 VL ₉	2003 11 07.8	02 50.08 +13 30.2 18.7	-0.90 - 4.5	1.2/07.2	12102
1999 TS ₂₀₁	2003 11 07.8	02 50.09 +16 57.4 18.4	-0.98 - 5.7	0.3/08.0	1505
2001 HW ₁₃	2003 11 07.8	02 50.10 +03 48.4 20.4	-0.75 - 6.0	3.4/04.5	37606
1999 WB ₃	2003 11 07.8	02 50.12 +13 19.1 19.2	-0.92 - 2.7	1.4/07.2	47826
2000 QF ₁₈₀	2003 11 07.8	02 50.13 +55 51.5 18.6	-2.26 + 4.2	17.6/15.6	30373
1999 XX ₁₉	2003 11 07.8	02 50.13 +14 40.3 18.3	-0.94 - 2.4	0.8/07.5	50441
1999 VZ ₁₄₄	2003 11 07.8	02 50.13 +25 40.3 18.8	-0.99 - 6.4	3.7/10.3	49747
1999 RX ₁₆₅	2003 11 07.8	02 50.14 +24 10.2 17.7	-1.11 - 2.8	3.3/09.6	35479
1998 RB ₅	2003 11 07.8	02 50.16 +20 50.6 17.5	-0.92 - 3.6	1.8/08.9	47738
2000 DG ₈₄	2003 11 07.8	02 50.18 +07 34.6 18.0	-0.86 - 2.2	3.0/05.9	35517
2002 JU ₅₅	2003 11 07.8	02 50.21 +16 16.1 21.1	-1.03 - 4.2	0.0/07.9	35194
2000 GD ₈₇	2003 11 07.8	02 50.23 +19 05.6 18.2	-1.02 + 1.9	0.9/08.4	47880
2001 AN ₄₂	2003 11 07.8	02 50.24 +26 44.7 19.6	-1.16 - 3.5	3.9/10.0	48004
2002 GO ₇₆	2003 11 07.8	02 50.25 +03 30.4 19.1	-0.88 - 7.4	4.6/04.5	33983
2002 PG ₇₇	2003 11 07.8	02 50.29 +33 22.2 20.1	-1.04 - 3.0	4.8/12.1	35289
1998 KH ₄₉	2003 11 07.9	02 50.35 +10 23.6 20.3	-0.93 - 6.3	2.0/06.4	34711
2002 CE ₁₁₂	2003 11 07.9	02 50.38 +04 19.6 19.5	-1.05 - 5.1	4.4/05.1	31968
2002 PE ₁₂₁	2003 11 07.9	02 50.40 +30 22.4 18.4	-0.87 - 4.1	4.0/11.6	38361
2665 P-L	2003 11 07.9	02 50.42 +10 13.3 19.3	-0.97 - 5.4	2.7/06.5	34057
1999 RC ₁₈	2003 11 07.9	02 50.48 +13 15.3 17.9	-0.87 - 5.3	1.5/07.2	14374
1998 RL ₄₈	2003 11 07.9	02 50.50 +16 23.9 19.0	-0.89 - 5.0	0.0/08.0	33775
1999 RB ₁₆₈	2003 11 07.9	02 50.51 +06 50.5 19.2	-1.00 - 4.9	3.2/05.7	35479
2001 FZ ₂₁	2003 11 07.9	02 50.51 +05 28.8 19.3	-0.89 - 5.9	3.8/05.1	49911
1993 TH ₂₃	2003 11 07.9	02 50.56 +12 55.0 18.7	-1.08 - 3.9	1.5/07.2	47689
2001 FQ ₁₇₂	2003 11 07.9	02 50.59 -09 00.2 19.6	-0.73 - 3.3	6.4/01.5	38299
2000 YA ₁₀₉	2003 11 07.9	02 50.60 +04 00.1 17.8	-1.07 - 0.6	5.6/05.7	50514
2002 JJ ₃₄	2003 11 07.9	02 50.65 +14 39.2 19.9	-0.99 - 7.3	0.6/07.5	33997
2002 GF ₃	2003 11 07.9	02 50.65 +22 21.5 19.5	-1.19 - 2.4	2.2/09.2	30120
2000 YG ₁₀₉	2003 11 07.9	02 50.67 +16 17.8 17.8	-1.08 - 3.0	0.0/08.0	48001
2001 FV ₁₂₉	2003 11 08.0	02 50.61 +42 29.7 16.9	-1.28 - 1.0	10.7/14.4	50531
2001 GM ₁₁	2003 11 08.0	02 50.65 -36 58.0 19.3	-1.01 - 0.4	16.5/21.0	18316
2000 EY ₁₅₂	2003 11 08.0	02 50.66 +26 57.2 18.3	-0.95 - 1.3	3.3/10.3	35524
2002 PH ₁₆₄	2003 11 08.0	02 50.74 +15 37.0 19.8	-0.86 - 3.1	0.2/07.9	50102
1995 RG	2003 11 08.0	02 50.74 -24 47.5 18.1	-1.50 +11.9	21.0/06.0	25683
2000 CC ₃₁	2003 11 08.0	02 50.77 -09 26.9 18.7	-0.77 - 4.7	8.7/32.0	33862
2002 NW ₄₃	2003 11 08.0	02 50.77 +02 51.1 18.9	-0.85 - 7.7	4.8/04.3	33684
2002 JE ₃	2003 11 08.0	02 50.81 +17 11.6 19.1	-1.20 - 1.6	0.3/08.2	50607
1999 RA ₂₅₄	2003 11 08.0	02 50.84 +14 14.9 19.1	-1.00 - 6.9	0.9/07.5	35480
2002 JT ₁	2003 11 08.0	02 50.85 +16 53.6 18.2	-0.99 - 6.6	0.2/08.2	50607
1999 VC ₁₉₂	2003 11 08.0	02 50.97 +15 10.2 18.2	-1.11 + 0.8	0.4/07.9	12200
2002 GT ₂₁	2003 11 08.0	02 51.09 +19 10.2 19.2	-1.17 - 3.6	1.1/08.7	50602
2001 BH ₂₆	2003 11 08.0	02 51.09 +24 30.6 17.8	-1.04 - 5.0	3.9/10.1	11033
2002 JE ₂₂	2003 11 08.1	02 51.00 +14 49.2 19.2	-1.08 - 5.6	0.6/07.7	48233
2001 DW ₄₃	2003 11 08.1	02 51.06 +18 34.4 19.9	-1.06 - 4.8	0.9/08.6	48011
2000 EK ₈₇	2003 11 08.1	02 51.07 +26 51.6 19.0	-0.89 - 2.7	3.0/10.6	37407

2000 AG ₆₈	2003 11 08.1	02 51.09 +00 06.2 17.9	-1.07 + 2.1	6.3/05.5	50451
1999 NV ₃₇	2003 11 08.1	02 51.11 +02 31.7 18.3	-1.04 - 2.2	5.8/05.3	50412
1999 RY ₁₁	2003 11 08.1	02 51.23 +19 23.4 17.3	-0.95 - 3.0	1.5/08.8	50414
2000 WW ₈₀	2003 11 08.1	02 51.25 +18 02.3 17.8	-1.17 - 3.2	0.7/08.5	31924
2002 HL ₅	2003 11 08.1	02 51.36 +07 33.5 18.8	-1.03 - 3.2	3.2/06.3	33994
2001 FU ₇₉	2003 11 08.1	02 51.36 +28 49.1 18.9	-0.96 - 3.8	3.8/11.2	38296
2000 YP ₂₁	2003 11 08.1	02 51.41 +18 41.3 18.9	-1.12 - 2.6	1.0/08.7	47998
2000 EN ₃₆	2003 11 08.1	02 51.41 +09 42.7 17.5	-0.94 + 1.0	2.5/06.9	13179
1999 RS ₂₆	2003 11 08.1	02 51.45 +16 26.5 18.7	-1.01 - 5.6	0.0/08.2	47788
1999 RX ₁	2003 11 08.2	02 51.49 +19 53.5 18.0	-1.06 - 4.0	1.5/09.0	33816
2001 DO ₁₀₂	2003 11 08.2	02 51.54 -00 09.7 17.3	-1.03 + 0.8	8.1/05.1	13818
2002 LQ ₅₄	2003 11 08.2	02 51.58 +23 49.6 18.5	-0.80 - 8.1	2.1/10.4	38338
2001 CF ₈	2003 11 08.2	02 51.58 +13 57.0 19.0	-0.98 - 3.4	0.9/07.7	33895
1992 SY ₁₁	2003 11 08.2	02 51.59 +05 48.6 20.5	-0.76 - 4.9	2.8/05.5	47685
2002 NG ₆	2003 11 08.2	02 51.62 +13 44.6 19.7	-0.83 - 4.0	0.8/07.6	35582
2002 LG ₃₉	2003 11 08.2	02 51.66 +06 11.2 19.1	-1.00 - 5.7	4.0/05.8	35580
2000 YV ₁₁₆	2003 11 08.2	02 51.66 +25 33.3 18.3	-1.11 - 3.5	3.8/10.3	35538
2002 QV ₄₉	2003 11 08.2	02 51.74 +27 39.9 20.5	-0.88 - 2.5	2.9/10.9	50107
1999 XE ₅₇	2003 11 08.2	02 51.77 +10 50.8 18.1	-0.97 - 2.7	2.2/07.0	33845
2001 FA ₁₂₁	2003 11 08.2	02 51.83 +14 17.5 20.5	-0.82 - 2.1	0.5/07.8	37581
2002 JM ₁₄₁	2003 11 08.3	02 51.81 +22 58.7 18.7	-1.17 0.0	2.5/10.0	50611
2001 AH ₁₅	2003 11 08.3	02 51.87 +19 24.1 18.3	-1.02 - 5.7	1.0/09.0	35538
1999 VZ ₁₉₆	2003 11 08.3	02 51.88 -01 04.1 18.4	-0.87 - 5.4	7.0/03.7	50439
2002 GJ ₁₂	2003 11 08.3	02 51.88 -06 59.8 19.9	-1.03 - 1.1	8.8/03.7	31991
2001 FS ₃₄	2003 11 08.3	02 51.88 +18 47.3 18.6	-1.06 - 3.1	1.1/08.8	48019
2002 JZ ₉₇	2003 11 08.3	02 51.89 -03 36.3 18.3	-0.83 - 2.7	7.3/03.8	50610
1999 XV ₃₈	2003 11 08.3	02 51.89 +05 20.4 17.7	-0.83 - 6.1	5.3/05.3	49756
1999 TS ₂₂₈	2003 11 08.3	02 51.95 -01 39.0 18.1	-0.68 - 5.7	9.4/03.3	49722
1999 XY ₂₀₈	2003 11 08.3	02 51.99 +33 06.1 17.6	-1.11 - 2.3	6.8/12.0	34844
1999 JJ ₈	2003 11 08.3	02 51.99 +06 26.4 17.5	-1.01 -14.0	4.0/05.4	50407
2002 NB	2003 11 08.3	02 52.00 +35 45.2 17.8	-0.87 - 8.0	7.2/14.3	50613
2000 ED ₅₃	2003 11 08.3	02 52.01 +15 53.7 20.2	-0.79 - 3.7	0.2/08.2	47863
2000 AU ₁₆	2003 11 08.3	02 52.03 -08 43.1 18.2	-0.98 + 1.3	9.3/03.4	50450
1998 KX ₅₁	2003 11 08.3	02 52.04 +01 21.9 20.4	-0.96 - 5.3	5.1/04.6	47732
1999 RO ₁₉₀	2003 11 08.3	02 52.06 +23 30.0 17.6	-1.09 - 0.8	3.2/09.8	50420
1999 RT ₁₀₄	2003 11 08.3	02 52.07 +25 50.5 19.4	-1.08 - 6.1	3.7/10.7	34775
1998 RE ₅₄	2003 11 08.3	02 52.11 +31 32.3 19.2	-1.04 - 2.7	4.6/11.9	35453
1999 TW ₇₃	2003 11 08.3	02 52.13 +16 13.1 18.9	-0.95 - 5.7	0.1/08.3	47804
2000 EP ₁₃₀	2003 11 08.3	02 52.23 +19 21.2 19.9	-0.82 - 2.5	0.8/09.1	47868
1998 RO ₁₄	2003 11 08.3	02 52.23 +17 59.9 19.7	-0.95 - 3.8	0.5/08.7	50390
2001 FJ ₁₀₆	2003 11 08.3	02 52.26 -16 23.8 20.1	-0.80 - 4.7	9.6/30.2	35053
2002 GJ ₁₀₉	2003 11 08.3	02 52.31 +09 48.7 17.5	-1.85 +13.1	3.7/08.1	32006
1999 VK ₁₉	2003 11 08.4	02 52.20 +20 55.5 16.7	-0.85 -11.2	1.9/09.8	40390
2001 DU ₂₁	2003 11 08.4	02 52.20 -10 30.9 17.0	-0.89 - 1.1	10.9/02.2	50523
2001 FG ₁₇₅	2003 11 08.4	02 52.21 -04 42.3 19.2	-0.76 - 3.2	5.6/03.2	38299
1999 TR ₁₆₅	2003 11 08.4	02 52.25 +23 07.9 18.6	-1.04 - 5.9	2.4/10.0	33831
2002 NT ₂₄	2003 11 08.4	02 52.28 +33 57.5 18.6	-0.92 - 4.4	5.1/13.1	35585
1999 TA ₁₇₀	2003 11 08.4	02 52.32 +18 31.4 18.7	-1.04 - 3.8	0.7/08.9	50427
2000 QD ₇	2003 11 08.4	02 52.35 +53 43.1 19.5	-1.99 + 2.1	17.3/16.3	30363
2000 AB ₃₈	2003 11 08.4	02 52.39 +07 21.5 18.5	-0.91 - 2.4	3.2/06.4	35501
2001 FF ₈₉	2003 11 08.4	02 52.44 +19 20.4 19.7	-1.02 - 3.9	1.1/09.1	27193

2000 AS ₆₉	2003 11 08.4	02 52.46 -01 26.4 17.9	-0.92 - 1.5	5.7/04.6	50451
1999 XV ₈	2003 11 08.4	02 52.48 -05 03.6 17.6	-0.98 + 1.1	9.7/04.1	47828
2001 HH ₅₀	2003 11 08.4	02 52.50 +36 36.8 19.4	-1.11 - 2.9	6.3/13.2	35554
2001 CH ₄₈	2003 11 08.4	02 52.55 +24 33.9 18.4	-1.08 - 4.2	3.8/10.4	31939
1998 FW ₉₀	2003 11 08.4	02 52.67 +15 29.8 17.9	-1.14 - 0.5	0.5/08.3	50383
1995 YK ₁	2003 11 08.5	02 52.62 +05 54.3 18.0	-0.91 - 1.5	5.0/06.2	50374
2001 KC ₃	2003 11 08.5	02 52.63 +13 45.2 20.4	-0.80 - 3.1	0.7/07.9	35075
1999 US ₂₃	2003 11 08.5	02 52.66 +18 05.9 17.5	-0.96 - 7.3	0.6/08.9	50432
1996 MU	2003 11 08.5	02 52.67 -23 37.9 20.1	-1.33 + 7.9	17.1/05.3	47703
2000 EK ₉₁	2003 11 08.5	02 52.68 +23 33.2 18.8	-0.82 - 4.2	2.1/10.3	50465
2000 XH ₁₅	2003 11 08.5	02 52.68 +36 00.7 17.8	-1.67 + 6.4	8.2/10.6	13799
2002 PY ₅	2003 11 08.5	02 52.70 +12 14.4 19.7	-0.74 - 6.2	1.2/07.4	48244
2000 CE ₄₄	2003 11 08.5	02 52.74 +01 26.3 20.1	-0.71 - 4.1	3.7/04.6	38244
2001 KJ ₄₀	2003 11 08.5	02 52.75 +07 51.3 20.4	-0.74 - 4.8	2.1/06.3	48033
2001 FZ ₁₇₀	2003 11 08.5	02 52.85 +08 19.4 17.8	-0.78 -12.6	3.4/05.9	50532
2001 CP ₂₀	2003 11 08.5	02 52.86 -28 18.1 18.9	-0.94 - 0.7	13.9/26.6	50521
2002 PM ₆₄	2003 11 08.5	02 52.90 +15 31.2 20.4	-0.89 - 4.7	0.3/08.3	48246
1997 YD ₂	2003 11 08.5	02 53.02 +23 37.3 17.4	-1.14 - 5.8	3.0/10.3	50380
1998 HZ ₃₃	2003 11 08.5	02 53.02 +11 00.9 19.7	-0.94 - 7.3	1.8/07.2	38185
1999 VD ₁₆₈	2003 11 08.5	02 53.07 +24 43.3 19.7	-0.94 - 8.7	2.8/10.9	47824
1998 HM ₁₂₅	2003 11 08.5	02 53.09 +06 12.5 20.0	-0.96 - 5.2	3.6/06.1	16822
1999 LZ ₅	2003 11 08.6	02 53.06 -09 07.3 20.0	-0.98 - 8.5	8.9/01.5	30300
1999 TF ₁₅₆	2003 11 08.6	02 53.08 +10 41.1 17.6	-0.95 - 3.2	2.5/07.3	31869
1998 FW ₁₀	2003 11 08.6	02 53.08 +20 51.5 19.9	-1.11 - 4.1	1.9/09.6	47725
2001 FP ₁₇₇	2003 11 08.6	02 53.13 +17 56.7 19.4	-1.01 - 4.8	0.5/09.0	48027
1998 FS ₆₄	2003 11 08.6	02 53.14 +13 56.6 20.0	-1.04 - 5.2	0.9/08.0	47726
2002 NH ₃₄	2003 11 08.6	02 53.17 +27 09.0 18.3	-0.84 - 4.4	3.1/11.4	35587
1996 XD ₂₇	2003 11 08.6	02 53.17 +17 29.4 20.2	-1.04 - 5.1	0.3/08.9	38180
2000 YR ₁₄	2003 11 08.6	02 53.17 +15 55.3 17.9	-1.13 - 2.1	0.3/08.5	12260
2000 QG ₂₅	2003 11 08.6	02 53.24 -20 42.7 18.2	-1.00 - 8.9	16.1/27.1	33880
1999 RE ₈₆	2003 11 08.6	02 53.26 +03 21.1 16.9	-0.94 - 3.8	5.8/05.6	50416
2001 BO ₆₂	2003 11 08.6	02 53.26 +24 24.7 17.7	-1.03 - 6.6	3.5/10.7	35540
1995 WR ₁₃	2003 11 08.6	02 53.29 +08 54.2 20.9	-0.93 - 3.9	2.5/06.9	14744
2002 JX ₁₁₄	2003 11 08.6	02 53.32 +06 11.0 18.6	-0.90 - 5.7	3.6/06.1	31740
1999 TA ₁₇₉	2003 11 08.6	02 53.35 +19 29.9 18.3	-1.00 - 5.6	1.1/09.4	35483
1999 XX ₉₂	2003 11 08.6	02 53.44 +11 34.6 18.4	-0.90 - 3.6	1.9/07.5	47831
2001 FS ₁₆₁	2003 11 08.7	02 53.46 -00 08.8 19.6	-0.87 - 2.8	5.1/04.8	14426
1998 QE ₂₆	2003 11 08.7	02 53.50 +34 29.4 18.0	-1.10 - 1.9	6.6/12.9	12130
1999 RT ₂₄₂	2003 11 08.7	02 53.61 +45 41.3 19.2	-1.63 + 1.0	10.0/14.7	20741
2000 WY ₂₄	2003 11 08.7	02 53.62 +11 46.4 17.6	-1.13 - 1.5	2.2/07.8	10642
2000 AF ₁₀	2003 11 08.7	02 53.65 +15 55.0 17.4	-1.03 - 0.8	0.2/08.6	50449
1999 RW ₉₃	2003 11 08.7	02 53.70 +04 50.3 19.2	-0.97 - 4.2	4.7/06.1	35476
1999 JW ₄₂	2003 11 08.7	02 53.71 +18 47.1 18.3	-1.10 - 7.6	0.9/09.3	30296
1999 TW ₁₁₆	2003 11 08.7	02 53.74 +11 01.9 19.3	-0.96 - 6.4	2.0/07.4	47806
2001 FS ₄₂	2003 11 08.7	02 53.74 +00 52.0 19.7	-0.87 - 7.3	5.6/04.5	48019
2002 OC ₁₃	2003 11 08.7	02 53.76 +29 48.5 19.4	-0.99 - 7.9	4.7/12.4	35235
2001 HE ₅₄	2003 11 08.7	02 53.76 -11 58.6 19.5	-0.83 - 2.5	8.2/01.5	35072
1999 XZ ₂₀₃	2003 11 08.7	02 53.81 +09 55.2 18.8	-0.99 0.0	2.2/07.5	31886
2001 CS ₃₈	2003 11 08.7	02 53.81 +17 28.4 16.6	-1.17 + 0.5	0.4/08.9	50522
1998 TW ₂₄	2003 11 08.8	02 53.82 +13 32.3 20.0	-0.86 - 4.7	0.9/08.1	38200
2000 AS ₆₅	2003 11 08.8	02 53.84 +26 25.1 18.8	-0.92 - 2.4	2.8/11.0	38235

2000 EP ₃₄	2003 11 08.8	02 53.89 +12 00.2 17.6	-0.89 + 0.3	1.4/07.9	31902	1994 AK ₅	2003 11 09.1	02 55.48 +13 24.4 19.8	-0.79 - 3.2	0.9/08.4	38175
2002 LM ₅₃	2003 11 08.8	02 53.90 +03 59.7 20.0	-0.87 - 3.9	3.8/05.9	34018	1997 HJ ₂	2003 11 09.1	02 55.49 +11 11.0 20.3	-0.91 - 3.0	1.8/08.0	47712
2001 FF ₃₅	2003 11 08.8	02 53.94 +23 36.3 20.2	-1.00 - 3.2	2.2/10.4	48019	2002 LQ ₃	2003 11 09.2	02 55.41 +04 48.9 21.1	-0.94 - 2.5	3.5/06.7	34011
2001 DX ₇₈	2003 11 08.8	02 53.96 +16 03.2 19.1	-0.96 - 1.5	0.2/08.7	30452	2001 FC ₁₈₈	2003 11 09.2	02 55.43 -00 02.4 18.0	-1.05 + 0.7	6.6/06.2	50532
1981 EZ ₁₉	2003 11 08.8	02 54.04 +22 13.6 19.3	-1.02 - 3.7	2.0/10.1	10823	2001 BJ ₆₁	2003 11 09.2	02 55.43 +21 54.7 18.4	-0.98 - 8.5	1.8/10.6	35003
2000 RA ₅₃	2003 11 08.8	02 54.06 +10 06.1 17.1	-0.95 - 7.1	3.3/07.2	50486	2000 YY ₃₉	2003 11 09.2	02 55.46 +07 08.5 19.4	-1.00 - 3.8	3.4/07.1	31930
2000 AH ₄₄	2003 11 08.8	02 54.07 +12 13.1 18.5	-0.98 - 2.9	1.9/07.9	50450	2001 HP ₄₁	2003 11 09.2	02 55.49 +10 56.7 19.4	-0.85 -10.8	1.8/07.5	13465
1999 RU ₇₅	2003 11 08.8	02 54.10 +15 40.5 18.0	-0.94 - 7.2	0.4/08.6	47790	2002 QH ₄₈	2003 11 09.2	02 55.50 +10 38.7 19.3	-0.86 - 3.6	2.0/07.8	47214
1999 XY ₁₂	2003 11 08.8	02 54.14 +01 48.2 18.0	-0.92 - 2.6	6.3/05.5	38132	1999 RD ₂₃	2003 11 09.2	02 55.51 -11 28.9 19.6	-0.92 - 7.5	9.3/01.2	33816
1998 DR ₂₉	2003 11 08.8	02 54.15 +11 41.7 19.2	-1.02 - 6.3	1.9/07.7	34704	2001 FX ₂₀	2003 11 09.2	02 55.56 +07 39.6 19.4	-0.84 - 8.2	3.1/06.7	48018
2000 DD ₃₉	2003 11 08.8	02 54.16 +14 17.8 19.0	-0.77 - 4.0	0.6/08.3	38250	1994 WK ₈	2003 11 09.2	02 55.61 +04 18.3 19.9	-0.88 - 3.0	4.1/06.4	47694
2001 DC ₃₈	2003 11 08.8	02 54.22 +12 43.3 19.4	-0.97 - 5.3	1.3/07.9	33373	1999 RS ₁₈	2003 11 09.2	02 55.62 -06 38.2 18.4	-0.84 - 8.2	10.3/02.6	50414
2001 FT ₈₄	2003 11 08.8	02 54.28 +13 37.0 19.6	-0.88 - 3.2	1.0/08.2	48022	2251 T-3	2003 11 09.2	02 55.65 +29 14.5 17.3	-1.20 + 0.1	4.9/11.7	50812
1999 TA ₁₅₇	2003 11 08.9	02 54.32 +24 54.1 18.9	-1.09 - 3.0	3.5/10.7	12173	1996 XA ₁₉	2003 11 09.2	02 55.67 +05 22.8 17.7	-1.17 + 2.4	5.4/07.4	11481
2000 ET ₁₂₁	2003 11 08.9	02 54.36 +07 56.2 18.2	-0.89 - 1.0	2.7/07.1	50466	1999 XZ ₇₂	2003 11 09.2	02 55.73 +21 24.1 17.2	-0.88 - 7.8	2.0/10.5	40412
2001 FF ₁₀₉	2003 11 08.9	02 54.36 +28 17.1 19.5	-1.01 - 2.5	3.7/11.6	35549	2000 XD ₁₃	2003 11 09.2	02 55.79 +19 12.8 18.1	-1.18 - 1.0	1.0/09.7	47996
1999 XS ₂₁₂	2003 11 08.9	02 54.44 +02 47.5 18.3	-0.87 - 6.7	5.6/05.2	50447	2002 JR ₉₅	2003 11 09.2	02 55.83 +16 57.7 19.8	-1.03 - 3.8	0.1/09.3	31726
2002 JY ₆₁	2003 11 08.9	02 54.45 +08 07.8 18.6	-1.06 - 1.4	3.3/07.3	31689	5105 T-3	2003 11 09.2	02 55.88 +01 15.1 18.3	-0.82 - 3.0	5.2/05.7	34059
1998 HP ₁₅₂	2003 11 08.9	02 54.49 +21 36.2 17.9	-1.04 - 3.9	2.3/10.0	47731	1999 RL ₈₇	2003 11 09.3	02 55.81 +17 24.0 19.5	-1.04 - 4.7	10.5/30.0	50416
1999 RQ ₃₈	2003 11 08.9	02 54.59 +12 53.1 19.3	-1.11 - 1.6	1.4/08.2	31858	1998 HS ₃₆	2003 11 09.3	02 55.82 +18 55.7 19.9	-1.05 - 3.4	0.7/09.8	34708
2002 GT ₃₈	2003 11 08.9	02 54.59 +10 39.9 20.0	-1.02 - 5.8	2.3/07.6	35575	2000 AR ₄₅	2003 11 09.3	02 55.84 -05 18.3 18.0	-0.94 + 0.3	7.5/05.1	50450
2002 PU ₁₀	2003 11 08.9	02 54.67 +50 13.7 18.3	-1.16 - 2.9	10.1/18.5	38347	1997 EK ₁₅	2003 11 09.3	02 55.85 +28 14.5 21.4	-1.08 - 2.3	3.6/11.8	47710
1998 FK ₁₁	2003 11 09.0	02 54.61 +03 23.9 18.7	-1.02 - 3.3	5.5/06.1	50382	2002 LJ ₄₁	2003 11 09.3	02 55.93 +05 50.4 19.5	-0.93 - 5.5	3.9/06.7	35205
2002 KS ₄	2003 11 09.0	02 54.63 +12 30.1 18.6	-1.05 - 3.5	1.7/08.1	31759	1999 TE ₂₄₃	2003 11 09.3	02 55.94 -02 36.3 18.3	-0.76 - 7.4	8.9/03.7	50430
1999 VO ₉₁	2003 11 09.0	02 54.66 +17 34.5 19.6	-1.05 - 2.1	0.3/09.2	47822	2001 EN ₈	2003 11 09.3	02 55.95 +10 24.2 18.4	-0.91 - 3.4	2.3/07.9	50526
2026 T-3	2003 11 09.0	02 54.68 +21 44.2 18.0	-0.96 - 4.5	2.2/10.2	25437	2002 JL ₅₂	2003 11 09.3	02 55.97 +15 13.4 19.9	-1.14 - 1.9	0.6/09.0	48234
2000 AU ₁₂₀	2003 11 09.0	02 54.70 +01 42.3 18.5	-0.83 - 4.8	5.9/05.2	47842	1999 XQ ₁₈₂	2003 11 09.3	02 56.00 +38 10.0 17.1	-1.11 - 6.5	8.6/15.6	50446
1998 QH ₉	2003 11 09.0	02 54.72 -07 26.3 18.9	-0.86 - 4.4	9.0/03.2	50388	2002 FD ₃	2003 11 09.3	02 56.02 +28 45.8 18.9	-1.30 - 3.6	4.9/12.0	30092
2001 FC ₂	2003 11 09.0	02 54.72 +11 42.6 18.0	-1.05 - 0.7	2.3/08.1	48016	2001 CQ ₁₆	2003 11 09.3	02 56.08 +20 13.1 19.1	-1.08 - 3.1	1.3/10.0	48009
2001 FX ₂₁	2003 11 09.0	02 54.80 +00 28.3 20.8	-0.86 - 6.1	5.0/04.7	48018	2002 GW ₁₅₈	2003 11 09.3	02 56.10 +07 18.4 18.4	-1.09 - 0.9	4.2/07.6	31604
2001 BO ₆₆	2003 11 09.0	02 54.81 +11 13.6 19.9	-0.97 - 3.1	1.8/07.8	48007	2002 KT ₅	2003 11 09.3	02 56.14 +21 34.2 19.7	-0.91 - 5.3	1.3/10.6	38336
2000 DK ₆₉	2003 11 09.0	02 54.85 +32 15.8 19.6	-0.95 - 2.2	4.6/12.7	37364	1993 FA ₂₅	2003 11 09.3	02 56.16 +09 22.2 19.4	-0.89 - 6.1	2.4/07.5	33754
1995 UG ₆	2003 11 09.0	02 54.91 +20 01.5 16.9	-1.00 - 2.8	1.5/10.0	50373	1999 LA ₁₃	2003 11 09.3	02 56.18 +02 51.0 17.2	-1.03 - 3.3	6.3/06.5	50411
2001 FQ ₇₈	2003 11 09.0	02 55.01 +06 26.4 17.8	-0.76 - 5.6	3.0/06.4	38296	2000 YK ₁₂₇	2003 11 09.3	02 56.21 +14 58.5 18.9	-1.02 - 3.4	0.6/09.0	34992
2002 KB	2003 11 09.0	02 55.03 -08 55.1 16.5	-1.85 +17.5	14.1/09.1	50611	1998 VN ₄₀	2003 11 09.3	02 56.24 +13 03.9 18.5	-0.87 - 2.7	1.4/08.6	33788
2001 EZ ₈	2003 11 09.0	02 55.03 +18 05.8 19.3	-1.08 - 2.9	0.6/09.4	48015	1995 SN ₄₆	2003 11 09.4	02 56.21 +06 32.1 20.5	-0.95 - 5.9	3.8/06.9	15015
2002 JU ₆₃	2003 11 09.0	02 55.10 +12 47.3 19.5	-1.06 - 2.9	1.3/08.3	33999	1999 RT ₉₆	2003 11 09.4	02 56.22 +28 08.1 17.9	-1.15 - 2.7	4.7/11.8	50417
2000 OH ₂₂	2003 11 09.1	02 55.01 -24 51.7 19.4	-1.06 - 6.5	17.9/26.7	47904	2000 AN ₆₄	2003 11 09.4	02 56.25 +31 25.7 17.2	-1.01 - 2.0	6.4/12.7	50451
2000 AA ₂₅	2003 11 09.1	02 55.01 +35 09.2 17.4	-0.97 - 9.1	8.1/15.0	50450	2001 FH ₉₂	2003 11 09.4	02 56.25 +04 40.6 19.8	-0.94 - 3.7	4.1/06.6	13838
1999 XS ₄₉	2003 11 09.1	02 55.05 +16 14.6 19.4	-0.96 - 3.4	0.2/09.0	12209	2002 NM ₄₉	2003 11 09.4	02 56.27 +15 22.5 19.0	-0.86 - 3.4	0.5/09.1	48242
1999 VE ₁₃₆	2003 11 09.1	02 55.08 +17 19.8 19.4	-1.00 - 3.3	0.2/09.3	19464	2000 AZ ₆₁	2003 11 09.4	02 56.36 +40 12.5 17.2	-0.98 - 3.7	10.9/15.9	49777
2002 PX ₁₀₅	2003 11 09.1	02 55.11 +13 01.2 19.3	-0.80 - 6.6	1.2/08.1	48248	2001 FY ₃₈	2003 11 09.4	02 56.37 +23 03.6 20.2	-0.99 - 3.8	2.0/10.9	50528
1999 ND ₆	2003 11 09.1	02 55.14 +11 11.9 18.8	-1.02 - 4.6	2.5/07.9	30301	2002 PV ₂₂	2003 11 09.4	02 56.42 +21 16.9 18.0	-0.84 - 4.3	1.5/10.5	35248
2001 HE ₆₂	2003 11 09.1	02 55.14 +25 32.1 18.4	-0.85 - 3.7	2.5/11.3	35554	2002 PD ₁₅₆	2003 11 09.4	02 56.42 +23 44.2 19.5	-0.96 - 3.5	2.3/11.0	47206
1996 GS ₆	2003 11 09.1	02 55.19 +08 13.9 19.7	-0.83 - 4.5	2.8/07.1	35440	2002 NV ₅₁	2003 11 09.4	02 56.44 +29 46.0 18.5	-0.90 - 4.5	4.3/12.8	48242
1999 VE ₁₀₂	2003 11 09.1	02 55.22 -08 07.4 18.5	-0.85 - 5.0	10.1/02.2	14151	2002 OV ₈	2003 11 09.4	02 56.54 +18 22.0 18.3	-0.90 - 5.5	0.5/09.9	35592
1999 XT ₁₃₁	2003 11 09.1	02 55.23 +12 47.9 19.4	-0.99 - 0.9	1.3/08.4	23511	2003 OE ₂₂	2003 11 09.4	02 56.54 +22 50.6 17.0	-1.05 - 0.4	3.2/10.7	50266
1999 RF ₁₄₀	2003 11 09.1	02 55.28 +18 09.4 18.3	-1.00 - 7.5	10.8/30.0	31860	1996 TC ₁₆	2003 11 09.4	02 56.56 +22 02.4 19.1	-1.08 - 6.7	2.2/10.8	47705
2000 AG ₁₁₉	2003 11 09.1	02 55.31 +02 38.4 19.5	-0.87 - 4.6	5.0/05.6	33857	2000 DL ₂₆	2003 11 09.4	02 56.56 +30 05.8 18.5	-0.93 - 3.0	4.1/12.7	38249
2002 PE ₁₄	2003 11 09.1	02 55.35 +17 21.6 19.4	-0.89 - 4.9	0.2/09.3	48244	2001 BJ ₂₈	2003 11 09.4	02 56.62 +14 20.6 19.3	-0.99 - 4.1	0.8/08.9	35539
1998 FQ ₇₇	2003 11 09.1	02 55.40 +16 40.5 17.2	-1.13 + 0.9	0.0/09.2	50383	1997 GN ₉	2003 11 09.4	02 56.63 +34 31.6 18.2	-1.20 - 0.2	6.3/13.1	16009

2001 BY ₂₇	2003 11 09.4	02 56.64 +19 56.6 18.3	-1.04 - 5.0	1.1/10.2	35539
1999 RF ₁₉₈	2003 11 09.4	02 56.67 +23 37.9 18.8	-1.07 - 7.4	2.7/11.3	31862
2000 SL ₁₆₁	2003 11 09.4	02 56.71 +23 32.6 18.8	-1.22 -11.0	2.8/11.3	30396
1999 TZ ₂₅₃	2003 11 09.5	02 56.65 +30 32.6 19.2	-1.09 - 6.8	4.8/13.1	35484
2001 FO ₁₇₂	2003 11 09.5	02 56.67 -05 48.8 20.6	-0.77 - 1.8	5.8/04.4	37594
2002 LB ₄₆	2003 11 09.5	02 56.69 +17 20.9 19.1	-0.88 - 7.5	0.2/09.7	35206
1993 FD ₈₃	2003 11 09.5	02 56.71 +11 42.5 18.8	-0.98 - 2.6	2.0/08.4	47687
2002 EG ₃	2003 11 09.5	02 56.72 -12 01.9 20.9	-0.98 - 7.2	10.1/02.0	29934
2001 CX ₂₈	2003 11 09.5	02 56.74 +22 10.4 17.2	-1.15 + 0.9	2.7/10.4	50522
2000 CT ₅₅	2003 11 09.5	02 56.87 +32 11.9 17.9	-1.01 - 3.1	6.0/13.1	40452
2001 CG ₁₅	2003 11 09.5	02 57.00 +09 48.3 19.0	-0.94 - 2.8	2.3/08.1	37538
2001 FX ₇₅	2003 11 09.5	02 57.00 +19 56.3 17.9	-0.99 - 0.9	1.1/10.2	50529
1999 TN ₉₃	2003 11 09.5	02 57.01 +11 00.6 17.8	-1.01 - 3.4	2.5/08.3	50424
2002 NE ₅₃	2003 11 09.5	02 57.02 -00 37.6 18.6	-0.81 - 2.1	5.8/05.6	50614
1998 FP ₇₆	2003 11 09.5	02 57.08 +08 16.7 18.2	-1.03 - 4.2	3.5/07.7	50383
1998 XP ₉	2003 11 09.6	02 57.02 +09 16.6 17.9	-0.90 - 0.5	2.5/08.1	631
1999 XA ₂₀₇	2003 11 09.6	02 57.03 +22 34.2 19.1	-0.96 - 2.8	1.8/10.9	47835
2000 DP ₅₄	2003 11 09.6	02 57.03 +01 43.4 19.4	-0.76 - 4.4	4.4/05.8	14209
2002 OJ ₅	2003 11 09.6	02 57.09 -01 46.0 20.1	-0.85 - 4.2	5.8/05.1	35232
2000 CN ₆₂	2003 11 09.6	02 57.12 +08 20.0 17.5	-0.86 - 8.0	3.4/07.3	707
2001 FB ₁₂	2003 11 09.6	02 57.13 +17 42.5 19.6	-1.01 - 2.1	0.3/09.8	14420
1999 TG ₁₃₉	2003 11 09.6	02 57.13 +19 34.3 19.6	-1.03 - 3.9	1.0/10.2	47807
1999 UQ ₂₈	2003 11 09.6	02 57.18 +21 07.0 17.9	-1.13 - 0.7	1.7/10.4	50432
2002 OE ₁₄	2003 11 09.6	02 57.32 +27 33.9 19.3	-0.95 - 6.4	3.4/12.5	35593
2002 JG ₁₁₅	2003 11 09.6	02 57.33 -07 28.1 20.5	-0.95 - 1.4	8.0/04.6	50611
2002 OK ₁₈	2003 11 09.6	02 57.33 +26 11.9 19.6	-1.03 - 6.0	3.1/12.0	35594
2000 GE ₄₁	2003 11 09.6	02 57.41 +15 09.2 21.2	-0.79 - 4.1	0.5/09.3	20766
2002 JB ₅	2003 11 09.6	02 57.50 +17 19.4 18.6	-1.09 - 6.5	10.1/30.0	32013
2001 BF ₄	2003 11 09.6	02 57.52 +19 23.7 17.8	-1.13 - 1.2	1.0/10.2	33892
2001 HS ₃₁	2003 11 09.7	02 57.42 +01 57.9 19.1	-0.89 - 3.4	4.8/06.2	35553
2001 FX ₁₆₈	2003 11 09.7	02 57.45 +10 07.0 17.2	-0.93 + 0.3	2.4/08.5	50532
2002 OY	2003 11 09.7	02 57.46 +22 55.8 17.9	-0.83 - 6.8	2.0/11.4	50615
2000 YT ₁₂₈	2003 11 09.7	02 57.47 +13 33.7 17.4	-1.08 - 0.4	1.6/09.1	50515
2002 NR ₂₁	2003 11 09.7	02 57.54 +38 18.9 19.1	-0.96 - 5.4	5.9/15.8	38339
2002 JE ₇₄	2003 11 09.7	02 57.57 +09 33.9 18.1	-0.88 - 7.7	2.5/07.8	33569
2000 EE ₁₃₉	2003 11 09.7	02 57.62 +02 58.7 18.6	-0.82 - 1.1	3.9/06.8	35523
1998 XF ₂	2003 11 09.7	02 57.63 +08 06.3 19.5	-0.94 + 0.4	3.1/08.1	47759
2001 KS ₆₄	2003 11 09.7	02 57.69 -09 29.9 20.0	-0.85 - 3.2	8.2/03.1	48034
1999 RY ₂₁₃	2003 11 09.7	02 57.71 +13 22.2 19.1	-1.06 - 4.9	1.3/09.0	33824
2000 DR ₁₁₇	2003 11 09.7	02 57.79 +29 54.7 18.4	-0.95 - 2.4	4.3/12.8	34910
2002 NX ₁₂	2003 11 09.7	02 57.83 -04 09.3 18.7	-0.83 - 2.4	6.7/05.0	50614
2001 FZ ₁₁₃	2003 11 09.7	02 57.84 +17 42.1 19.9	-0.98 - 3.7	0.3/10.0	13337
2000 CM ₁₁₂	2003 11 09.8	02 57.84 +16 42.0 19.6	-0.77 - 5.2	6.4/21.0	35514
2001 BY ₄₅	2003 11 09.8	02 57.85 -02 23.2 18.8	-0.87 - 5.0	5.8/05.1	33893
2000 GE ₁₀₈	2003 11 09.8	02 57.88 +18 59.6 17.9	-0.97 + 0.7	0.6/10.2	35529
2002 ND ₁	2003 11 09.8	02 57.89 +23 00.6 19.8	-1.03 - 4.8	2.1/11.3	34020
1999 XD ₅₉	2003 11 09.8	02 57.89 +04 49.1 18.3	-1.07 + 1.4	4.5/07.8	50443
1999 RB ₂₁₁	2003 11 09.8	02 57.90 +19 52.4 18.8	-1.01 - 6.8	1.0/10.6	47797
2002 PO ₅₁	2003 11 09.8	02 57.95 +36 44.1 19.0	-1.01 - 3.0	6.3/14.7	38351
2000 YK ₁₁₇	2003 11 09.8	02 57.95 +09 20.4 19.1	-0.99 - 3.2	2.5/08.2	50515
2000 CE ₁₁₂	2003 11 09.8	02 58.02 +11 46.6 19.7	-0.77 - 5.3	1.4/08.5	50459

2000 CO ₆₀	2003 11 09.8	02 58.03 +14 42.5 18.0	-0.86 - 4.1	0.8/09.3	35512
2002 JT ₁₁₇	2003 11 09.8	02 58.07 -00 43.6 20.0	-1.01 - 1.8	6.1/06.3	34005
1998 FL ₇₉	2003 11 09.8	02 58.07 +06 07.6 18.7	-0.97 - 4.6	4.0/07.4	33765
2000 BY ₈	2003 11 09.8	02 58.12 +38 18.7 18.2	-1.20 + 1.7	9.6/13.8	40097
2000 DX ₅₉	2003 11 09.8	02 58.13 +33 00.8 20.3	-0.90 - 2.2	4.1/13.6	49791
1999 RM ₈₆	2003 11 09.8	02 58.27 +09 41.0 19.9	-1.03 - 3.9	2.7/08.3	47790
2002 NK ₃₄	2003 11 09.9	02 58.32 -08 54.8 19.9	-0.77 - 2.5	7.1/03.9	35587
1999 RT ₁₈₄	2003 11 09.9	02 58.36 +08 43.9 17.8	-0.99 - 2.1	3.8/08.2	11552
1999 XM ₁₄₄	2003 11 09.9	02 58.47 +05 08.7 17.4	-0.96 - 0.4	3.7/07.6	37217
2000 VM ₁	2003 11 09.9	02 58.53 -19 12.3 18.4	-1.16 + 0.5	13.0/01.5	13794
2001 GZ ₅	2003 11 09.9	02 58.54 +16 08.1 19.6	-0.89 - 2.8	0.3/09.8	48027
2000 GN ₉₈	2003 11 09.9	02 58.57 +09 08.9 18.6	-0.70 - 6.3	2.0/07.9	38271
2002 GJ ₃	2003 11 09.9	02 58.61 -01 56.9 17.1	-1.72 +15.5	10.5/09.7	50601
1998 FF ₁₄₈	2003 11 09.9	02 58.62 +15 24.4 19.5	-1.04 - 3.7	0.5/09.6	33766
2001 CX ₁₂	2003 11 09.9	02 58.70 +17 18.9 18.1	-1.07 - 1.7	11.7/30.0	48008
2002 LT ₃₄	2003 11 10.0	02 58.66 +03 59.7 19.7	-0.95 - 1.7	4.2/07.4	35204
2002 NV ₂	2003 11 10.0	02 58.72 -13 32.8 19.3	-0.77 - 3.6	8.2/02.4	38339
1999 TH ₁₀₇	2003 11 10.0	02 58.72 +18 11.1 19.1	-1.00 - 7.2	0.5/10.3	31867
1998 HA ₈₀	2003 11 10.0	02 58.73 +20 57.4 19.9	-1.14 - 2.8	1.6/10.8	47730
1999 TC ₂₉₁	2003 11 10.0	02 58.74 +01 58.7 18.6	-0.82 - 6.9	6.4/06.0	50431
1999 XD ₆₂	2003 11 10.0	02 58.74 +07 40.6 18.2	-1.06 + 1.1	3.7/08.5	50443
2001 FW ₄₉	2003 11 10.0	02 58.78 +12 21.2 19.6	-0.83 - 5.8	1.3/08.9	48020
1999 UB ₅₃	2003 11 10.0	02 58.82 -16 15.1 17.9	-0.98 + 1.2	11.3/03.3	50433
1999 TD ₁₃₀	2003 11 10.0	02 58.84 +18 58.4 19.5	-1.04 - 4.1	0.8/10.5	46381
2002 QJ ₃	2003 11 10.0	02 58.88 +09 53.7 18.9	-0.78 - 4.6	2.1/08.3	37788
1999 RB ₄₄	2003 11 10.0	02 58.93 +20 11.1 16.4	-1.16 + 3.1	1.5/10.5	50415
5628 T-3	2003 11 10.0	02 58.94 +13 01.9 19.0	-1.09 + 1.3	1.6/09.4	33739
1999 YA ₁₁	2003 11 10.0	02 58.96 +08 17.3 18.4	-0.99 - 3.1	3.7/08.1	34849
2002 JL ₄₃	2003 11 10.0	02 59.03 +22 49.1 19.9	-1.15 - 5.9	2.3/11.4	48234
2001 FW ₆₀	2003 11 10.0	02 59.07 -03 30.0 19.7	-0.84 - 5.2	6.7/04.9	48020
2002 OZ ₄	2003 11 10.0	02 59.10 +02 08.5 19.5	-0.74 - 6.6	4.7/06.1	48242
2001 BL ₃₈	2003 11 10.0	02 59.15 +53 01.8 19.3	-1.35 - 2.6	8.7/19.7	38289
2001 KU ₂₁	2003 11 10.1	02 59.03 +13 56.0 18.4	-0.86 - 0.9	0.9/09.5	14297
1999 VJ ₃₄	2003 11 10.1	02 59.08 +18 39.4 17.1	-0.91 - 6.9	0.7/10.5	50434
1994 YK ₂	2003 11 10.1	02 59.11 +11 12.5 17.6	-0.93 - 1.7	1.9/08.9	35438
2001 CW ₄₅	2003 11 10.1	02 59.15 -01 06.0 19.3	-1.00 + 0.2	6.5/06.8	35010
2002 HO ₁₄	2003 11 10.1	02 59.18 +04 43.5 19.8	-1.06 - 2.0	5.1/07.7	31611
1997 CT ₇	2003 11 10.1	02 59.22 +18 40.2 19.0	-0.99 - 4.9	0.6/10.5	31808
2003 QP ₈₈	2003 11 10.1	02 59.23 +08 51.6 17.3	-0.71 - 9.4	3.7/07.7	50323
2000 CP ₇₅	2003 11 10.1	02 59.29 -01 19.0 18.9	-0.81 - 7.2	6.9/05.0	40105
2002 GS ₄₇	2003 11 10.1	02 59.36 +18 24.1 20.6	-1.10 - 3.6	0.6/10.5	50602
2001 DD ₁₂	2003 11 10.1	02 59.37 -05 36.8 19.7	-0.86 - 3.6	7.6/04.8	48010
1999 VG ₆	2003 11 10.1	02 59.41 +17 49.3 16.1	-0.83 - 6.3	0.4/10.4	50433
2001 BQ ₅₈	2003 11 10.2	02 59.50 +04 14.8 19.1	-0.99 - 3.6	5.0/07.4	12279
1999 VR ₆₄	2003 11 10.2	02 59.55 +15 23.9 18.5	-0.99 - 3.1	0.6/09.9	47821
2002 JO ₁₃₈	2003 11 10.2	02 59.55 +16 00.7 21.2	-1.05 - 3.6	0.4/10.0	31751
2000 AN ₂₅	2003 11 10.2	02 59.55 +08 43.6 18.7	-0.89 - 1.6	2.5/08.5	47839
1999 RT ₂₂₇	2003 11 10.2	02 59.55 -00 24.1 19.2	-1.02 - 3.1	6.8/06.7	29099
2002 LV ₂₅	2003 11 10.2	02 59.55 -10 19.7 18.7	-0.82 - 0.8	7.9/04.5	50613
1997 CN ₂	2003 11 10.2	02 59.58 +22 25.4 19.9	-1.03 - 4.2	2.4/11.5	1914
1998 KV ₂₂	2003 11 10.2	02 59.61 +12 25.2 20.4	-1.00 - 4.6	1.6/09.2	47732