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ERRATA

MPC Line
22561 26 Remove the note (E)
22663 - 1 The orbit for 1993 KO is by E. Bowell (computer note E)
22847 16 For G. R. Kastel read G. R. Kastel'
22930 - 4 For (a) read (L)
22930 All the orbits marked with computer note B are by E. Bowell
(computer note E), with the exception of 1993 VY.

(1866) 1985 05 15.61111 16 04 23.59 -08 51 05.5 MPC12394 323
(2234) 1986 10 09.61806 20 08 31.20 -42 36 53.4 MPC11484 323
(3554) 1986 03 11.70625 11 30 07.38 +24 20 21.5 MPC12396 323
Note 1: 1929 WN = (3573). 2: 1951 OA = (1714). 3: observations interchanged.
4: 1986 RA = (5370). 5: time very slightly different.

DELETED OBSERVATION

The following observation is to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
(1196)	1932 09 26.92411	02 19.16	-18 50.4	MPC20857	078	

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	N Obs.
1929 WN	1929 11 27.20278	04 34 54.87	+23 55 00.1	MPC 6509			1 690
1929 WN	1929 12 03.18750	04 28 02.96	+23 31 03.7	MPC 6509			1 690
1951 OA	1952 10 24.20351	02 55 11.48	+28 53 12.5	MPC 963	17.0		2 760
1951 OA	1952 10 24.27364	02 55 07.31	+28 53 00.1	MPC 963			2 760
1986 JN	* 1986 05 08.19585	12 17 22.23	+23 44 29.9	MPC10690			3 675
1986 JN	1986 05 08.24793	12 17 27.93	+23 42 32.5	MPC10690	17.5		3 675
1986 RA	1986 09 08.58056	21 34 54.03	+12 39 12.8	MPC11125			4 323
1986 RA	1986 09 11.59861	21 47 00.34	+09 03 16.2	MPC11125			4 323
1986 RA	1986 09 22.69306	22 32 58.76	-04 23 56.1	MPC11311			4 323
1986 RA	1986 09 26.69375	22 49 05.61	-08 40 59.0	MPC11484			4 323
1991 EE	1991 09 04.50521	16 34 38.33	+09 27 00.5	MPC19149			323
1991 EE	1991 09 09.50000	19 35 37.79	-05 19 52.6	MPC19149			323
1991 EE	1991 09 10.50000	20 08 04.39	-07 52 21.5	MPC19149			323
1993 XN ₂	1994 01 04.10381	05 17 40.45	+65 30 15.0	MPC22888			5 675
(14)	1985 09 18.53958	21 44 28.67	-25 58 39.0	MPC10362			323
(185)	1985 11 29.74861	06 15 09.14	-10 09 08.0	MPC12384			323
(185)	1985 11 29.76528	06 15 08.47	-10 09 10.4	MPC12384			323
(201)	1985 11 29.71666	05 45 26.29	+14 43 43.8	MPC12384			323
(303)	1986 04 09.75556	15 38 34.31	-27 55 37.4	MPC12385			323
(498)	1986 03 14.61736	09 30 56.61	+25 10 32.2	MPC12387			323
(502)	1986 09 26.73542	01 26 44.40	-25 34 43.9	MPC11311			323
(1810)	1986 07 11.69653	19 46 18.56	-16 49 34.0	MPC12394			323
(1866)	1985 04 18.75694	16 48 09.20	-04 01 53.9	MPC12394			323
(1866)	1985 04 19.73264	16 47 21.96	-04 07 55.6	MPC12394			323
(1866)	1985 04 22.72431	16 44 37.02	-04 28 03.3	MPC12394			323
(1866)	1985 05 09.57153	16 18 31.06	-07 20 06.3	MPC12394			323

IDENTIFICATION CHANGE

Continuation to MPC 22847.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1986 TR ₁₈	* 1986 10 02.79977	22 34 20.67	+00 25 03.8	1986 RP ₆	16.0 V	095	

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

046 Kleť. 0.63-m Maksutov telescope and 0.57-m reflector + CCD. Observers J. Tichá, Z. Vávrová, Z. Moravec and M. Tichý. Measured by Z. Moravec and M. Tichý.

104 San Marcello Pistoiese. 0.4-m $f/2.5$ reflector + CCD. Observers L. Tesi and G. Cattani.

107 Cavezzo. 0.40-m $f/2.23$ reflector + CCD. Observers R. Calanca and R. Bonomi. Communicated by E. Colombini.

108 Montelupo. Observers M. Tombelli, A. Boattini and S. Bartolini.

219 Japal Rangapur. 1.2-m $f/3.5$ reflector + CCD. Observers R. Rajamohan, P. Vivekananda Rao, R. Swaminathan and D. Somasunder. Communicated by R. Vasundhara.

323 Perth Observatory, Bickley. 0.3-m astrograph. Observers P. Jekabsons, A. John, J. Johnston, M. Kempin, G. Kinnear, A. McGrath, R. Martin, T. Smith, L. Stevens and A. Verveer.

360 Kuma Kogen. 0.60-m $f/6.0$ Ritchey-Chrétien + CCD. Observer A. Nakamura.

372 Geisei. 0.60-m $f/3.5$ reflector. Observer T. Seki. In part from *Orient. Astron. Assoc. Comet Bull.*

- 385 Nihondaira Observatory Oohira Station. 0.31-m $f/4.7$ reflector + CCD. Observer T. Urata.
- 391 Sendai Observatory, Ayashi Station. 0.30-m $f/3.8$ reflector. Observer M. Koishikawa.
- 402 Dynic Astronomical Observatory. 0.25-m $f/3.4$ Schmidt. Observer A. Sugie.
- 410 Sengamine. 0.20-m $f/6.0$ reflector + CCD. Observers K. Ito and M. Hotta.
- 411 Oizumi. 0.25-m $f/4.4$ reflector + CCD. Observer T. Kobayashi.
- 413 Siding Spring. 1.0-m reflector + CCD. Observers R. H. McNaught, G. J. Garradd, D. J. Asher and D. I. Steel.
- 477 Chelmsford. 0.47-m reflector + CCD. Observer M. Mobberley. Measured by N. James. $\lambda = 0.4856$, $\rho \cos \phi' = 0.62103$, $\rho \sin \phi' = +0.78117$ (see *MPC* 22434).
- 494 Stakenbridge. 0.2-m reflector + CCD. Observer B. G. W. Manning.
- 500 These geocentric positions refer to observations with the Hubble Space Telescope. Measured by H. Weaver.
- 540 Linz. 0.3-m $f/5.2$ Schmidt-Cassegrain + CCD. Observers E. Meyer, E. Obermair and H. Raab.
- 553 Chorzów. 0.2-m $f/5$ astrocamera. Observers J. Kuczyński, J. Szczepanik, M. Szczepański and I. Włodarczyk. Measured by T. Mazur, I. Otręba, I. Włodarczyk, A. Wypiór and K. Giza.
- 557 Ondřejov. 0.65-m $f/3.6$ reflector + CCD. Observers P. Pravec and M. Varady.
- 560 Dossobuono. 0.4-m $f/3.5$ reflector + CCD. Observers L. Lai, I. Rocchetti and G. Vesentini.
- 568 Mauna Kea. 2.2-m reflector + CCD. Observers D. Jewitt, J. Luu and D. J. Tholen. Measured by Jewitt, Tholen and J. V. Scotti.
- 587 Sormano. 0.5-m reflector + CCD. Observers P. Sicoli, M. Cavagna and A. Testa.
- 595 Farra d'Isonzo. 0.4-m $f/4.5$ reflector + CCD. Observers A. Pettarin, A. Toso, G. Lombardi, F. Piani and W. Boschin.
- 605 Marl. 0.2-m $f/10$ Schmidt-Cassegrain + CCD. Observer E. Jung.
- 657 Climenhaga Observatory, Victoria. 0.25-m reflector and 0.5-m reflector + CCD. Observers D. D. Balam and J. B. Tatum. Measured by D. D. Balam.
- 675 Palomar. 0.46-m and 1.2-m Schmidts. Observers D. J. Chadwick, D. J. Griffith, E. Helin, H. E. Holt, K. Lawrence, D. H. Levy, C. M. Olmstead, J. E. Rogers, C. S. Shoemaker, E. M. Shoemaker and D. Williams. Measured by K. Lawrence, B. A. Skiff and P. W. Tracadas.
- 691 Kitt Peak. 0.91-m Spacewatch telescope and 2.3-m Steward reflector. Observers T. Gehrels, C. Hergenrother, R. Jedicke, S. M. Larson and J. V. Scotti.
- 711 McDonald Observatory. 2.1-m Struve reflector + CCD. Observer A. L. Whipple. Measured by R. Whited.
- 786 U.S. Naval Observatory, Washington. 0.61-m reflector + CCD. Observer R. E. Schmidt.
- 801 Oak Ridge. 1.5-m reflector + CCD. Observers R. E. McCrosky and C.-Y. Shao.
- 816 Rand Observatory, Lake Placid. 0.37-m reflector + CCD. Observer G. R. Viscome.
- 887 Ojima. 0.30-m $f/5.8$ reflector + CCD. Observer T. Nijjima. Measurer T. Urata.
- 893 Sendai. 0.41-m $f/5.2$ reflector + CCD. Observer K. Cross.

- 896 Yatsugatake South Base Observatory. 0.25-m $f/3.4$ reflector. Observers Y. Kushida and O. Muramatsu. Measured by O. Muramatsu.
- 897 YGCO Chiyoda Observatory. 0.25-m $f/6$ reflector and 0.25-m $f/3.4$ Wright-Schmidt camera + CCD. Observer T. Kojima.
- 898 Fujieda. 0.25-m $f/3.4$ hyperboloid astrocamera. Observer H. Shiozawa. Measurer T. Urata.
- 900 Kiryuu Observatory, Ohtsu. 0.26-m $f/2.9$ reflector. Observer Y. Ikari.
- 978 Conder Brow. Observers D. Buczynski and G. Marsh. Measured by N. James.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Periodic Comet Faye						
/1955 II	1954 07 05.43264		21 38 13.89	+01 16 42.4		675
/1955 II	1954 07 05.45694		21 38 13.64	+01 16 47.0		675
/1991 XXI	1991 10 29.67604		01 49 36.90	+05 31 40.5		323
/1991 XXI	1991 10 30.71042		01 49 48.00	+05 17 00.9		323
/1991 XXI	1991 10 31.71389		01 49 59.42	+05 02 57.8		323
/1991 XXI	1991 11 05.58958		01 51 05.85	+03 58 28.5		323
/1991 XXI	1991 11 07.59653		01 51 39.18	+03 34 03.3		323
/1991 XXI	1991 11 08.65486		01 51 58.22	+03 21 44.5		323
/1991 XXI	1991 12 02.61944		02 06 20.72	+00 49 28.0		323
/1991 XXI	1991 12 03.58750		02 07 14.40	+00 48 34.0		323
/1991 XXI	1991 12 06.57986		02 10 09.13	+00 48 19.7		323
/1991 XXI	1992 01 07.54757		02 53 50.73	+03 37 41.9		323
Periodic Comet Crommelin						
/1984 IV	1984 02 20.42861		01 04 39.46	+00 23 00.7		372
/1984 IV	1984 02 29.42326		01 55 40.50	-03 07 13.4		1 372
/1984 IV	1984 02 29.42743		01 55 41.93	-03 07 21.5		372
/1984 IV	1984 02 29.43750		01 55 45.35	-03 07 35.2		372
/1984 IV	1984 02 29.44514		01 55 48.10	-03 07 48.5		372
Periodic Comet Giacobini-Zinner						
/1985 XIII	1986 02 03.65208		06 07 21.83	-25 46 40.8		323
Periodic Comet Ciffréo						
/1985 XVI	1985 11 15.61736		04 32 14.21	+25 36 41.1		323
Comet Hartley-Good (1985 XVII)						
/1985 XVII	1985 11 05.49514		18 51 39.55	+06 38 01.6		323
Periodic Comet Ashbrook-Jackson						
/1986 II	1985 05 14.75972		20 16 34.42	-35 45 17.6		323
/1986 II	1985 05 17.81389		20 18 12.82	-35 55 02.7		323
/1986 II	1985 06 12.70833		20 22 29.95	-37 39 35.6		323
/1992j	1993 08 14.03295		01 30 56.83	+09 09 14.8	14.0 T	605
/1992j	1993 08 14.03780		01 30 56.98	+09 09 18.8	14.1 T	605
/1992j	1993 08 17.99516		01 32 07.50	+09 41 09.9	13.5 T	605
/1992j	1993 08 18.00920		01 32 07.80	+09 41 16.6	13.8 T	605
/1992j	1993 08 19.99554		01 32 33.54	+09 56 43.8	13.4 T	605
/1992j	1993 08 20.00488		01 32 33.65	+09 56 48.4	13.3 T	605
/1992j	1993 08 23.98706		01 33 05.39	+10 26 40.6	13.6 T	605
/1992j	1993 08 23.99132		01 33 05.36	+10 26 43.5	13.4 T	605
/1992j	1993 08 24.00883		01 33 05.36	+10 26 51.4	13.4 T	605
/1992j	1993 08 26.93183		01 33 11.68	+10 47 47.2	13.5 T	605

/1992j	1993 08 26.96869	01 33 11.61	+10 48 03.9	13.5 T	605	/1992j	1993 12 04.82803	00 45 27.30	+15 04 55.1		107
/1992j	1993 08 28.94895	01 33 07.28	+11 01 45.0	13.2 T	605	/1992j	1993 12 05.27014	00 45 34.67	+15 06 04.3		657
/1992j	1993 08 28.95399	01 33 07.27	+11 01 47.3	13.5 T	605	/1992j	1993 12 06.81835	00 46 04.68	+15 10 16.9		107
/1992j	1993 08 31.98403	01 32 47.44	+11 21 57.7	13.7 T	605	/1992j	1993 12 07.44236	00 46 17.77	+15 12 03.3		411
/1992j	1993 08 31.98795	01 32 47.37	+11 21 58.7	13.5 T	605	/1992j	1993 12 07.44383	00 46 17.72	+15 12 02.5		411
/1992j	1993 09 11.99141	01 29 22.94	+12 26 26.6	13.3 T	605	/1992j	1993 12 07.90900	00 46 27.85	+15 13 23.1	14.2 T	605
/1992j	1993 09 19.88971	01 24 56.26	+13 03 23.4	13.8 T	605	/1992j	1993 12 07.91282	00 46 28.00	+15 13 24.3	14.3 T	605
/1992j	1993 09 19.89704	01 24 55.95	+13 03 26.2	14.0 T	605	/1992j	1993 12 11.02369	00 47 43.40	+15 22 48.1	15.1 T	605
/1992j	1993 09 28.03524	01 18 56.50	+13 32 55.2	14.2 T	605	/1992j	1993 12 11.74945	00 48 03.00	+15 25 07.6		107
/1992j	1993 09 28.85843	01 18 16.89	+13 35 26.0	14.5 T	605	/1992j	1993 12 11.78193	00 48 04.02	+15 25 14.9		107
/1992j	1993 10 10.91080	01 07 49.16	+14 02 35.6	12.8 T	605	/1992j	1993 12 12.42604	00 48 21.97	+15 27 20.7	14.4 T	360
/1992j	1993 10 10.91419	01 07 48.80	+14 02 35.5	12.8 T	605	/1992j	1993 12 12.42882	00 48 22.04	+15 27 21.3		360
/1992j	1993 10 12.52905	01 06 22.87	+14 05 04.3	13.0 T	897	/1992j	1993 12 12.72371	00 48 30.59	+15 28 19.2		107
/1992j	1993 10 12.56369	01 06 20.91	+14 05 06.7		897	/1992j	1993 12 12.75184	00 48 31.33	+15 28 25.4		107
/1992j	1993 10 13.29027	01 05 42.33	+14 06 05.5		675	/1992j	1993 12 13.02270	00 48 39.21	+15 29 20.6		801
/1992j	1993 10 13.32934	01 05 40.18	+14 06 07.8		675	/1992j	1993 12 15.48646	00 49 55.48	+15 37 54.1	14.2 T	360
/1992j	1993 10 15.25087	01 03 58.73	+14 08 33.5		675	/1992j	1993 12 15.48924	00 49 55.56	+15 37 54.8		360
/1992j	1993 10 17.86571	01 01 42.72	+14 11 23.4	13.0 T	605	/1992j	1993 12 16.73067	00 50 37.35	+15 42 26.1		107
/1992j	1993 10 18.96926	01 00 46.40	+14 12 25.1	13.0 T	605	/1992j	1993 12 16.77167	00 50 38.65	+15 42 37.3		107
/1992j	1993 10 18.97390	01 00 46.22	+14 12 26.3	13.0 T	605	/1992j	1993 12 17.01771	00 50 47.15	+15 43 30.3		801
/1992j	1993 10 23.46230	00 57 07.65	+14 15 59.4		411	/1992j	1993 12 17.03792	00 50 47.91	+15 43 35.1		801
/1992j	1993 10 23.46454	00 57 07.56	+14 16 00.0		411	/1992j	1993 12 17.74082	00 51 12.77	+15 46 12.8		107
/1992j	1993 10 23.46567	00 57 07.50	+14 16 00.2		411	/1992j	1993 12 17.76606	00 51 13.65	+15 46 18.6		107
/1992j	1993 10 23.62361	00 56 59.77	+14 16 06.7		897	/1992j	1993 12 18.07703	00 51 24.70	+15 47 29.6		816
/1992j	1993 10 24.58282	00 56 15.53	+14 16 43.8		411	/1992j	1993 12 18.08156	00 51 24.84	+15 47 30.5		816
/1992j	1993 10 24.58506	00 56 15.44	+14 16 44.1		411	/1992j	1993 12 18.74901	00 51 49.43	+15 50 04.3		107
/1992j	1993 10 24.58619	00 56 15.31	+14 16 44.3		411	/1992j	1993 12 23.73771	00 55 09.28	+16 10 35.3		107
/1992j	1993 10 29.92152	00 52 27.32	+14 19 46.1	14.2 T	605	/1992j	1993 12 23.76200	00 55 10.51	+16 10 43.4		107
/1992j	1993 11 01.54304	00 50 48.02	+14 21 09.3		411	/1992j	1993 12 27.71569	00 58 10.01	+16 28 27.0		107
/1992j	1993 11 01.54482	00 50 47.95	+14 21 09.3		411	/1992j	1993 12 27.73355	00 58 10.88	+16 28 31.6		107
/1992j	1993 11 01.54571	00 50 47.90	+14 21 10.0		411	/1992j	1993 12 28.74135	00 58 59.43	+16 33 16.8		107
/1992j	1993 11 04.81693	00 48 57.46	+14 22 53.3	13.4 T	605	/1992j	1993 12 28.76151	00 59 00.31	+16 33 24.1		107
/1992j	1993 11 04.83940	00 48 56.70	+14 22 54.9	13.5 T	605	/1992j	1993 12 30.71165	01 00 37.50	+16 42 47.1		107
/1992j	1993 11 09.40174	00 46 49.50	+14 25 45.2		411	/1992j	1993 12 30.73862	01 00 39.04	+16 42 53.1		107
/1992j	1993 11 09.40329	00 46 49.52	+14 25 45.8		411	/1992j	1994 01 05.12554	01 05 27.30	+17 10 17.6	19.2 N	691
/1992j	1993 11 09.40405	00 46 49.50	+14 25 46.8		411	/1992j	1994 01 05.13364	01 05 27.73	+17 10 20.0	15.3 T	691
/1992j	1993 11 13.10528	00 45 30.41	+14 28 39.1		816	/1992j	1994 01 05.14123	01 05 28.18	+17 10 22.5	15.4 T	691
/1992j	1993 11 13.10926	00 45 30.30	+14 28 38.3		816	/1992j	1994 01 05.49583	01 05 48.21	+17 12 15.2	15.3 T	360
/1992j	1993 11 13.12109	00 45 30.05	+14 28 40.1		816	/1992j	1994 01 05.49826	01 05 48.31	+17 12 15.9		360
/1992j	1993 11 13.12211	00 45 30.00	+14 28 39.4		816	/1992j	1994 01 08.76271	01 08 58.95	+17 29 54.5	14.6 T	605
/1992j	1993 11 14.41045	00 45 08.08	+14 29 51.4		411	/1992j	1994 01 08.77160	01 08 58.95	+17 29 56.1	14.7 T	605
/1992j	1993 11 14.41270	00 45 08.02	+14 29 52.3		411	/1992j	1994 01 08.77683	01 08 59.02	+17 29 57.2	14.7 T	605
/1992j	1993 11 14.41382	00 45 08.03	+14 29 52.1		411	/1992j	1994 01 08.78345	01 08 59.15	+17 29 57.8	14.8 T	605
/1992j	1993 11 17.85601	00 44 22.46	+14 33 29.5	13.6 T	605	/1992j	1994 01 09.46823	01 09 40.43	+17 33 51.6	15.7 T	360
/1992j	1993 11 18.90399	00 44 12.61	+14 34 43.8	13.7 T	605	/1992j	1994 01 09.47083	01 09 40.60	+17 33 52.5		360
/1992j	1993 11 20.93522	00 43 58.87	+14 37 25.9	14.0 T	605	/1992j	1994 01 12.78278	01 13 05.19	+17 52 42.9		107
/1992j	1993 11 20.93934	00 43 58.87	+14 37 24.4	13.9 T	605	/1992j	1994 01 13.74349	01 14 06.38	+17 58 18.5		107
/1992j	1993 11 28.73201	00 44 10.22	+14 50 47.4		107	/1992j	1994 01 14.84649	01 15 17.33	+18 04 42.5	16.0 T	605
/1992j	1993 11 30.79181	00 44 29.61	+14 55 10.6		107	/1992j	1994 01 14.85244	01 15 17.71	+18 04 47.8	15.9 T	605
/1992j	1993 11 30.80554	00 44 29.81	+14 55 13.9		107	/1992j	1994 01 14.85883	01 15 17.99	+18 04 49.1	15.5 T	605
/1992j	1993 12 02.72993	00 44 54.15	+14 59 45.4		107	/1992j	1994 01 15.73348	01 16 15.36	+18 10 00.1		107
/1992j	1993 12 04.75148	00 45 25.94	+15 04 44.4		107						

/1992j 1994 02 02.45573 01 37 30.97 +20 02 40.9 15.8 T 360
 /1992j 1994 02 02.45833 01 37 31.17 +20 02 42.0 360

/1989 V
 /1989 V

Comet Shoemaker-Holt-Rodriquez (1989 V)

1990 01 31.70799 06 53 12.56 -55 47 27.2 323
 1990 02 19.63125 06 32 06.84 -48 03 09.4 323

Periodic Comet Schwassmann-Wachmann 2

/1987 XIX 1993 10 23.66170 07 53 06.78 +18 15 11.4 411
 /1987 XIX 1993 10 23.66676 07 53 07.20 +18 15 09.8 411
 /1987 XIX 1993 10 23.66928 07 53 07.48 +18 15 08.9 411
 /1987 XIX 1993 11 13.23762 08 19 48.48 +17 04 36.4 816
 /1987 XIX 1993 11 13.26204 08 19 50.07 +17 04 32.0 816
 /1987 XIX 1993 11 13.27528 08 19 50.93 +17 04 29.8 816
 /1987 XIX 1993 11 19.28622 08 26 04.05 +16 47 54.2 816
 /1987 XIX 1993 11 19.30126 08 26 04.82 +16 47 52.5 816
 /1987 XIX 1993 11 19.32685 08 26 06.31 +16 47 48.9 816
 /1987 XIX 1993 11 19.33091 08 26 06.51 +16 47 47.7 816
 /1987 XIX 1993 12 05.56924 08 38 24.39 +16 20 49.2 411
 /1987 XIX 1993 12 05.57149 08 38 24.45 +16 20 49.1 411
 /1987 XIX 1993 12 05.57261 08 38 24.49 +16 20 49.4 411
 /1987 XIX 1993 12 11.81111 08 41 08.67 +16 19 35.1 13.0 T 360
 /1987 XIX 1993 12 11.81424 08 41 08.73 +16 19 35.2 360
 /1987 XIX 1993 12 12.00598 08 41 12.81 +16 19 37.2 107
 /1987 XIX 1993 12 12.61628 08 41 24.70 +16 19 55.8 11 T 900
 /1987 XIX 1993 12 12.92253 08 41 30.80 +16 19 57.4 107
 /1987 XIX 1993 12 17.31938 08 42 33.70 +16 23 29.8 816
 /1987 XIX 1993 12 17.32450 08 42 33.75 +16 23 29.9 816
 /1987 XIX 1993 12 17.32993 08 42 33.80 +16 23 30.2 816
 /1987 XIX 1993 12 17.35633 08 42 33.86 +16 23 32.5 801
 /1987 XIX 1993 12 17.43295 08 42 34.57 +16 23 37.7 801
 /1987 XIX 1993 12 17.96549 08 42 39.97 +16 24 16.0 107
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Periodic Comet Gunn

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Periodic Comet Schwassmann-Wachmann 1

/1989 XV 1985 05 13.75486 16 42 50.61 -32 12 06.2 323
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 /1989 XV 1993 03 12.85248 05 16 25.13 +29 31 55.5 046
 /1989 XV 1993 03 12.85394 05 16 25.16 +29 31 55.4 046
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 /1989 XV 1993 03 13.79762 05 16 44.04 +29 30 47.7 046
 /1989 XV 1993 03 13.80096 05 16 44.11 +29 30 47.4 046
 /1989 XV 1993 03 13.80438 05 16 44.19 +29 30 47.2 046
 /1989 XV 1993 03 13.80630 05 16 44.23 +29 30 47.0 046
 /1989 XV 1993 03 13.80766 05 16 44.24 +29 30 46.7 046
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 /1989 XV 1993 12 06.01663 07 45 27.23 +25 54 55.5 557
 /1989 XV 1993 12 06.01786 07 45 27.22 +25 54 55.9 557
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 /1989 XV 1993 12 13.34810 07 42 49.46 +25 59 55.3 801
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/1989 XV	1994 01 04.62847	07 32 17.13	+26 14 21.4		887	/1990 XXI	1993 12 04.77510	22 35 46.23	+06 28 42.0	107
/1989 XV	1994 01 04.63692	07 32 16.87	+26 14 21.6		887	/1990 XXI	1993 12 04.82378	22 35 44.17	+06 28 12.7	107
/1989 XV	1994 01 06.59456	07 31 14.75	+26 15 21.0	13.2 T	887	/1990 XXI	1993 12 06.81274	22 34 30.03	+06 09 46.1	107
/1989 XV	1994 01 06.60428	07 31 14.48	+26 15 21.0		887	/1990 XXI	1993 12 07.40752	22 34 09.91	+06 04 29.0	14.5 T 360
/1989 XV	1994 01 08.52153	07 30 13.47	+26 16 12.2	13.5 T	360	/1990 XXI	1993 12 07.41030	22 34 09.82	+06 04 27.5	360
/1989 XV	1994 01 08.52465	07 30 13.34	+26 16 12.3		360	/1990 XXI	1993 12 08.10457	22 33 47.18	+05 58 22.7	19.2 N 691
/1989 XV	1994 01 08.62904	07 30 09.73	+26 16 16.5	13.4 T	410	/1990 XXI	1993 12 08.11238	22 33 46.92	+05 58 18.5	691
/1989 XV	1994 01 08.63815	07 30 09.45	+26 16 16.8		410	/1990 XXI	1993 12 08.12024	22 33 46.63	+05 58 14.6	691
/1989 XV	1994 01 15.61858	07 26 26.47	+26 18 45.2	13.6 T	410	/1990 XXI	1993 12 08.50197	22 33 34.65	+05 54 56.3	14.2 T 360
/1989 XV	1994 01 15.63295	07 26 25.71	+26 18 46.5		410	/1990 XXI	1993 12 08.50521	22 33 34.55	+05 54 54.8	360
/1989 XV	1994 01 15.78611	07 26 20.99	+26 18 44.5	13.3 T	360	/1990 XXI	1993 12 11.74361	22 32 07.80	+05 28 25.2	107
/1989 XV	1994 01 15.78889	07 26 20.88	+26 18 44.4		360	/1990 XXI	1993 12 11.77813	22 32 07.05	+05 28 10.2	107
Comet Tsuchiya-Kiuchi (1990 XVII)						/1990 XXI	1993 12 12.73940	22 31 45.89	+05 20 48.7	107
/1990 XVII	1990 12 07.66389	07 10 47.92	-42 40 20.7		323	/1990 XXI	1993 12 16.72611	22 30 37.60	+04 52 22.0	107
/1990 XVII	1990 12 11.66667	06 26 13.60	-44 15 47.5		323	/1990 XXI	1993 12 16.75499	22 30 37.18	+04 52 10.3	107
/1990 XVII	1991 01 07.64792	03 12 58.17	-33 55 28.6		323	/1990 XXI	1993 12 17.73611	22 30 24.86	+04 45 41.6	107
/1990 XVII	1991 01 09.66597	03 07 00.38	-32 53 02.9		323	/1990 XXI	1993 12 17.75473	22 30 24.47	+04 45 33.0	107
/1990 XVII	1991 01 10.55139	03 04 36.36	-32 26 13.9		323	/1990 XXI	1993 12 23.73017	22 29 39.80	+04 09 13.4	107
/1990 XVII	1991 01 11.62292	03 01 53.62	-31 54 26.4		323	/1990 XXI	1993 12 27.69972	22 29 30.53	+03 47 07.8	107
/1990 XVII	1991 02 04.56597	02 31 56.05	-22 41 15.1		323	/1990 XXI	1993 12 27.72313	22 29 30.44	+03 47 01.4	107
Comet McNaught-Russell (1990 XIX)						/1990 XXI	1993 12 28.70085	22 29 29.55	+03 41 34.7	107
/1990 XIX	1991 04 05.49340	10 25 03.90	-10 24 59.0	2 413		/1990 XXI	1993 12 28.72812	22 29 29.32	+03 41 28.8	107
Comet Levy (1990 XX)						/1990 XXI	1994 01 02.40413	22 29 25.56	+03 15 09.3	410
/1990 XX	1990 08 20.60000	21 10 07.57	+08 58 35.0		323	/1990 XXI	1994 01 02.42066	22 29 25.85	+03 15 01.4	410
/1990 XX	1990 08 29.61111	19 11 20.47	-13 36 33.0		323	/1990 XXI	1994 01 04.40397	22 29 21.11	+03 02 59.0	887
/1990 XX	1990 08 30.45833	19 00 19.89	-15 33 47.6		323	/1990 XXI	1994 01 04.41592	22 29 21.04	+03 02 54.3	887
/1990 XX	1990 08 31.47847	18 47 24.15	-17 46 28.3		323	/1990 XXI	1994 01 05.08539	22 29 18.57	+02 58 39.5	18.7 N 691
/1990 XX	1990 08 31.48576	18 47 18.70	-17 47 22.5		323	/1990 XXI	1994 01 05.09542	22 29 18.47	+02 58 35.6	691
/1990 XX	1990 09 10.51875	17 08 14.88	-31 20 47.5		323	/1990 XXI	1994 01 09.43241	22 28 43.58	+02 27 14.5	10.8 T 360
/1990 XX	1990 09 13.46597	16 48 33.23	-33 18 44.6		323	/1990 XXI	1994 01 09.43472	22 28 43.50	+02 27 13.4	360
/1990 XX	1990 09 20.46806	16 13 37.11	-36 16 15.1		323	/1990 XXI	1994 01 09.72565	22 28 39.41	+02 24 48.4	13.8 T 605
/1990 XX	1990 09 21.46875	16 09 39.56	-36 34 01.0		323	/1990 XXI	1994 01 09.73020	22 28 39.27	+02 24 44.4	13.5 T 605
/1990 XX	1990 09 27.47569	15 49 40.10	-37 56 47.7		323	/1990 XXI	1994 01 09.73396	22 28 39.33	+02 24 45.3	13.6 T 605
/1990 XX	1990 10 19.51910	15 05 06.14	-40 13 24.1		323	/1990 XXI	1994 01 12.72615	22 27 41.85	+01 56 48.2	107
/1990 XX	1990 10 21.48941	15 02 11.39	-40 19 01.1		323	/1990 XXI	1994 01 13.73420	22 27 14.10	+01 45 47.9	107
/1990 XX	1991 01 07.67292	13 01 17.68	-39 56 57.2		323	/1990 XXI	1994 01 15.71793	22 26 03.15	+01 21 08.0	12.2 T 540
/1990 XX	1991 01 09.69340	12 54 48.94	-39 42 32.9		323	/1990 XXI	1994 01 15.72010	22 26 03.08	+01 21 05.5	12.0 T 540
/1990 XX	1991 01 11.65625	12 48 10.07	-39 25 50.5		323	/1990 XXI	1994 01 15.72334	22 26 02.93	+01 21 02.8	11.6 T 540
/1990 XX	1991 02 05.65278	10 55 52.42	-29 13 16.5		323	/1990 XXI	1994 01 15.72450	22 26 02.93	+01 21 00.9	11.7 T 540
/1990 XX	1991 02 06.66944	10 50 47.66	-28 28 37.5		323	/1990 XXI	1994 01 15.72543	22 26 02.87	+01 21 00.2	11.6 T 540
Periodic Comet Encke						/1990 XXI	1994 01 15.72635	22 26 02.79	+01 20 59.7	11.7 T 540
/1990 XXI	1993 10 23.97451	23 46 45.13	+16 01 22.9		494	/1990 XXI	1994 01 18.72493	22 23 21.77	+00 33 58.7	107
/1990 XXI	1993 10 23.98765	23 46 42.96	+16 01 10.9		494	Periodic Comet Metcalf-Brewington				
/1990 XXI	1993 11 14.42257	22 59 33.09	+10 37 51.4		411	/1991 I	1991 01 09.55972	00 15 13.71	-05 33 06.8	323
/1990 XXI	1993 11 14.42509	22 59 32.78	+10 37 50.8		411	/1991 I	1991 01 10.52917	00 17 48.42	-05 22 14.7	323
/1990 XXI	1993 11 14.85516	22 58 48.73	+10 31 31.0		494	/1991 I	1991 02 04.52847	01 25 28.12	-00 14 32.1	323
/1990 XXI	1993 11 14.86557	22 58 47.77	+10 31 21.7		494	/1991 I	1991 02 05.52014	01 28 10.85	-00 01 45.2	323
/1990 XXI	1993 11 23.06954	22 46 48.68	+08 39 03.7		786	/1991 I	1991 02 08.52292	01 36 23.34	+00 37 00.8	323
/1990 XXI	1993 12 02.77743	22 37 11.51	+06 48 15.2		107					

Periodic Comet Gehrels 3

/1992v	1993 12 09.48603	10 20 24.36	+09 04 19.9	21.6 N	691	/1992x	1993 02 23.83510	04 43 34.35	+42 29 10.6	11.8 T	605
/1992v	1993 12 09.50488	10 20 24.68	+09 04 17.2	19.3 T	691	/1992x	1993 02 23.83978	04 43 35.26	+42 29 17.7	11.8 T	605
/1992v	1993 12 09.51239	10 20 24.83	+09 04 15.9		691	/1992x	1993 02 24.76845	04 47 10.70	+42 49 12.8	11.9 T	605
/1992v	1994 01 16.48603	10 20 08.41	+08 50 25.6	21.6 N	691	/1992x	1993 02 24.77479	04 47 11.82	+42 49 20.7	12.1 T	605
/1992v	1994 01 16.50166	10 20 08.06	+08 50 26.7	18.6 T	691	/1992x	1993 02 24.78454	04 47 14.43	+42 49 32.3	12.2 T	605
/1992v	1994 01 16.51693	10 20 07.74	+08 50 28.5	18.7 T	691	/1992x	1993 02 24.79936	04 47 17.60	+42 49 52.1	12.2 T	605
						/1992x	1993 02 27.76283	04 59 22.68	+43 50 29.9	11.5 T	605

Periodic Comet Slaughter-Burnham

/1992w	1993 12 07.55259	05 01 28.92	+35 15 42.8		411	/1992x	1993 02 27.77183	04 59 24.94	+43 50 39.6	11.6 T	605
/1992w	1993 12 07.55906	05 01 28.54	+35 15 42.0		411	/1992x	1993 03 02.79545	05 12 46.14	+44 47 10.6	11.5 T	605
/1992w	1993 12 07.56229	05 01 28.45	+35 15 42.3		411	/1992x	1993 03 02.80573	05 12 48.83	+44 47 22.8	11.7 T	605
/1992w	1993 12 12.47587	04 57 23.50	+35 07 19.7	16.9 T	360	/1992x	1993 03 02.81051	05 12 49.99	+44 47 24.3	11.8 T	605
/1992w	1993 12 12.47847	04 57 23.36	+35 07 19.3		360	/1992x	1993 03 08.83442	05 42 22.25	+46 19 27.5	12.1 T	605
/1992w	1994 01 04.53872	04 42 40.24	+33 56 58.4	17.4 T	360	/1992x	1993 03 08.83873	05 42 23.43	+46 19 29.4	12.1 T	605
/1992w	1994 01 04.54167	04 42 40.16	+33 56 57.4		360	/1992x	1993 03 09.76787	05 47 16.49	+46 30 49.3	12.2 T	605
/1992w	1994 02 03.51580	04 42 35.07	+32 12 36.3	17.8 T	360	/1992x	1993 03 09.77344	05 47 18.13	+46 30 52.8	12.2 T	605
/1992w	1994 02 03.52014	04 42 35.18	+32 12 35.7		360	/1992x	1993 03 11.79115	05 58 09.32	+46 52 27.7	12.2 T	605
						/1992x	1993 03 11.80845	05 58 14.95	+46 52 38.6	12.1 T	605
						/1992x	1993 03 12.83005	06 03 52.91	+47 01 53.6	11.8 T	605
						/1992x	1993 03 12.83851	06 03 55.54	+47 01 58.8	11.7 T	605

Periodic Comet Schausmasse

/1992x	1992 12 15.61806	03 56 11.27	+17 06 42.6		323	/1992x	1993 03 13.84681	06 09 34.05	+47 09 57.3	11.8 T	605
/1992x	1992 12 23.58681	03 45 44.42	+19 08 56.4		323	/1992x	1993 03 13.85329	06 09 35.89	+47 10 01.6	11.8 T	605
/1992x	1993 01 08.85812	03 32 17.54	+24 16 22.4	13.9 T	605	/1992x	1993 03 14.77736	06 14 50.35	+47 16 19.6	12.7 T	605
/1992x	1993 01 08.86218	03 32 17.42	+24 16 25.1	13.9 T	605	/1992x	1993 03 14.79216	06 14 55.47	+47 16 26.3	12.7 T	605
/1992x	1993 01 08.88385	03 32 16.93	+24 16 50.9	13.8 T	605	/1992x	1993 03 15.77946	06 20 34.73	+47 22 02.8	12.8 T	605
/1992x	1993 01 12.90262	03 31 24.20	+25 43 13.4	13.5 T	605	/1992x	1993 03 15.81329	06 20 46.28	+47 22 13.7	12.8 T	605
/1992x	1993 01 12.90775	03 31 24.12	+25 43 19.4	13.6 T	605	/1992x	1993 03 17.83298	06 32 31.34	+47 30 00.1	12.5 T	605
/1992x	1993 01 12.91568	03 31 23.78	+25 43 33.0	13.5 T	605	/1992x	1993 03 17.84001	06 32 33.51	+47 30 02.0	12.4 T	605
/1992x	1993 01 14.83455	03 31 23.54	+26 26 02.1	13.3 T	605	/1992x	1993 03 17.84613	06 32 35.19	+47 30 00.3	12.7 T	605
/1992x	1993 01 14.83884	03 31 23.61	+26 26 07.4	13.2 T	605	/1992x	1993 03 19.85659	06 44 29.60	+47 32 39.2	12.1 T	605
/1992x	1993 01 16.89192	03 31 40.45	+27 12 23.6	13.0 T	605	/1992x	1993 03 19.86003	06 44 30.87	+47 32 38.4	12.0 T	605
/1992x	1993 01 16.90623	03 31 40.82	+27 12 43.4	12.7 T	605	/1992x	1993 03 20.78815	06 50 03.94	+47 32 09.7	12.6 T	605
/1992x	1993 01 18.84138	03 32 15.22	+27 57 09.2	13.0 T	605	/1992x	1993 03 20.79885	06 50 07.71	+47 32 08.6	12.6 T	605
/1992x	1993 01 18.84478	03 32 15.16	+27 57 12.4	13.0 T	605	/1992x	1993 03 23.78951	07 08 08.48	+47 22 49.3	12.7 T	605
/1992x	1993 01 25.98462	03 36 56.85	+30 46 34.6	13.2 T	605	/1992x	1993 03 23.80450	07 08 13.82	+47 22 46.5	12.5 T	605
/1992x	1993 01 29.85545	03 41 18.20	+32 21 32.9	12.3 T	605	/1992x	1993 03 24.83142	07 14 26.04	+47 16 49.6	12.8 T	605
/1992x	1993 01 29.85899	03 41 18.36	+32 21 37.0	12.5 T	605	/1992x	1993 03 24.83728	07 14 28.12	+47 16 48.2	12.8 T	605
/1992x	1993 01 30.81935	03 42 35.52	+32 45 26.3	13.1 T	605	/1992x	1993 03 26.82229	07 26 27.42	+47 01 28.1	12.7 T	605
/1992x	1993 01 30.82300	03 42 35.81	+32 45 29.5	12.8 T	605	/1992x	1993 03 26.82981	07 26 30.01	+47 01 25.1	12.7 T	605
/1992x	1993 01 31.79185	03 43 58.71	+33 09 36.1	13.0 T	605	/1992x	1993 03 26.83404	07 26 31.42	+47 01 22.5	12.7 T	605
/1992x	1993 01 31.79529	03 43 58.78	+33 09 40.5	13.3 T	605	/1992x	1993 03 26.91104	07 26 58.94	+47 00 38.0	12.5 T	605
/1992x	1993 01 31.80428	03 43 59.60	+33 09 52.4	13.0 T	605	/1992x	1993 03 27.84183	07 32 35.56	+46 51 37.4	12.7 T	605
/1992x	1993 02 01.82419	03 45 31.95	+33 35 22.2	12.8 T	605	/1992x	1993 03 27.85306	07 32 39.71	+46 51 29.9	12.9 T	605
/1992x	1993 02 01.82808	03 45 32.25	+33 35 25.5	12.3 T	605	/1992x	1993 03 28.81824	07 38 27.63	+46 40 57.9	13.1 T	605
/1992x	1993 02 11.76726	04 05 39.25	+37 44 27.7	11.7 T	605	/1992x	1993 03 28.83951	07 38 35.19	+46 40 41.7	13.1 T	605
/1992x	1993 02 11.77280	04 05 40.26	+37 44 35.0	12.1 T	605	/1992x	1993 03 29.81780	07 44 25.89	+46 28 47.1	12.7 T	605
/1992x	1993 02 11.77956	04 05 41.18	+37 44 43.2	12.1 T	605						
/1992x	1993 02 11.78630	04 05 42.37	+37 44 53.2	11.3 T	605						
/1992x	1993 02 18.78084	04 25 46.18	+40 34 41.4		046						
/1992x	1993 02 22.87065	04 39 57.19	+42 08 05.6	11.7 T	605						
/1992x	1993 02 22.87590	04 39 58.06	+42 08 10.9	11.8 T	605						
/1992x	1993 02 22.88032	04 39 59.09	+42 08 14.0	11.9 T	605						
/1992x	1993 02 23.82891	04 43 32.96	+42 29 03.0	11.9 T	605						

Comet Shoemaker (1992y)

/1992y	1993 01 14.75205	01 47 03.55	+45 25 13.6	15.4 T	605						
/1992y	1993 01 18.75094	01 43 56.98	+45 54 57.4	16.1 T	605						
/1992y	1993 01 18.75966	01 43 56.61	+45 55 01.7	15.6 T	605						
/1992y	1993 01 30.74735	01 39 00.81	+47 30 32.9	15.6 T	605						
/1992y	1993 01 30.75300	01 39 00.55	+47 30 35.7	15.4 T	605						
/1992y	1993 01 30.76048	01 39 00.69	+47 30 38.2	15.4 T	605						

/1993a	1993 09 28.07280	09 47 20.18	+74 55 40.0	11.7 T	605	/1993a	1993 11 27.42980	20 28 33.39	+48 00 42.8		411
/1993a	1993 09 28.08023	09 47 22.43	+74 55 53.3	11.7 T	605	/1993a	1993 11 27.71055	20 29 09.15	+47 44 26.8		107
/1993a	1993 09 28.87951	09 51 34.81	+75 19 15.6	12.2 T	605	/1993a	1993 11 27.72488	20 29 11.06	+47 43 36.6		107
/1993a	1993 10 06.83032	10 52 16.78	+79 19 27.1	12.3 T	605	/1993a	1993 11 28.35549	20 30 30.17	+47 07 17.4		411
/1993a	1993 10 06.83523	10 52 19.90	+79 19 36.4	12.3 T	605	/1993a	1993 11 28.36165	20 30 30.92	+47 06 55.9		411
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/1993o	1994 01 04.55694	04 20 08.06	+29 00 33.1	360	/1993p	1993 10 10.86324	00 13 23.58	+42 48 33.5	13.2 T	605
/1993o	1994 01 04.55955	04 20 07.96	+29 00 39.6	360	/1993p	1993 10 10.86933	00 13 22.68	+42 48 25.9	13.0 T	605
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Comet Mueller (1993p)

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/1993p	1993 11 04.78398	23 19 54.46	+27 53 36.6	13.1 T	605	/1993p	1993 12 01.03740	22 53 21.89	+09 28 37.1		786
/1993p	1993 11 09.39600	23 12 50.03	+24 33 20.5		411	/1993p	1993 12 01.04312	22 53 21.73	+09 28 24.4		786
/1993p	1993 11 09.39755	23 12 49.85	+24 33 16.7		411	/1993p	1993 12 02.71157	22 52 43.23	+08 25 52.4		107
/1993p	1993 11 09.39832	23 12 49.82	+24 33 14.9		411	/1993p	1993 12 02.74319	22 52 42.40	+08 24 40.4		107
/1993p	1993 11 13.05803	23 07 58.24	+21 53 02.4		816	/1993p	1993 12 03.81003	22 52 20.87	+07 45 23.2		104
/1993p	1993 11 13.06343	23 07 57.82	+21 52 48.1		816	/1993p	1993 12 03.82332	22 52 20.56	+07 44 54.1		104
/1993p	1993 11 13.06464	23 07 57.74	+21 52 45.0		816	/1993p	1993 12 04.72230	22 52 04.72	+07 12 15.6		107
/1993p	1993 11 14.37630	23 06 23.38	+20 55 31.1		411	/1993p	1993 12 04.76216	22 52 04.01	+07 10 50.4		107
/1993p	1993 11 14.37785	23 06 23.24	+20 55 27.3		411	/1993p	1993 12 04.82269	22 52 02.89	+07 08 38.6		104
/1993p	1993 11 14.37861	23 06 23.17	+20 55 25.3		411	/1993p	1993 12 04.86747	22 52 01.99	+07 07 02.1		104
/1993p	1993 11 14.62529	23 06 05.53	+20 44 39.8		5 887	/1993p	1993 12 04.90104	22 52 01.32	+07 05 48.6		104
/1993p	1993 11 14.62746	23 06 05.41	+20 44 36.5		5 887	/1993p	1993 12 06.77653	22 51 34.50	+05 59 09.1	12.6 T	540
/1993p	1993 11 14.63065	23 06 05.19	+20 44 27.2		5 887	/1993p	1993 12 06.77786	22 51 34.53	+05 59 06.7	12.7 T	540
/1993p	1993 11 15.46608	23 05 08.44	+20 08 06.7		411	/1993p	1993 12 06.77873	22 51 34.49	+05 59 04.8	12.8 T	540
/1993p	1993 11 15.46762	23 05 08.30	+20 08 02.5		411	/1993p	1993 12 06.77959	22 51 34.50	+05 59 03.0	12.6 T	540
/1993p	1993 11 15.87153	23 04 41.61	+19 50 31.5		104	/1993p	1993 12 06.80369	22 51 34.08	+05 58 09.6		107
/1993p	1993 11 15.89391	23 04 40.09	+19 49 33.3		104	/1993p	1993 12 07.39068	22 51 27.21	+05 37 40.7		411
/1993p	1993 11 16.81479	23 03 40.85	+19 09 41.3	13.3 T	605	/1993p	1993 12 07.39222	22 51 27.18	+05 37 37.5		411
/1993p	1993 11 16.82145	23 03 40.56	+19 09 25.0	13.1 T	605	/1993p	1993 12 07.39684	22 51 27.13	+05 37 28.0		411
/1993p	1993 11 16.88472	23 03 36.44	+19 06 39.9	13.2 T	605	/1993p	1993 12 07.44225	22 51 26.59	+05 35 53.3	13.0 T	360
/1993p	1993 11 17.83933	23 02 37.93	+18 25 34.8	13.2 T	605	/1993p	1993 12 07.44479	22 51 26.55	+05 35 47.7		360
/1993p	1993 11 17.84388	23 02 37.59	+18 25 23.3	13.2 T	605	/1993p	1993 12 07.82509	22 51 22.83	+05 22 37.2	13.4 T	605
/1993p	1993 11 18.80795	23 01 41.03	+17 44 06.9	13.0 T	605	/1993p	1993 12 07.82818	22 51 22.80	+05 22 28.8	13.6 T	605
/1993p	1993 11 18.83142	23 01 39.73	+17 43 06.3	13.1 T	605	/1993p	1993 12 07.83350	22 51 22.62	+05 22 17.2	13.9 T	605
/1993p	1993 11 19.07263	23 01 25.78	+17 32 48.5		816	/1993p	1993 12 11.72455	22 50 58.57	+03 11 42.3		107
/1993p	1993 11 19.07970	23 01 25.32	+17 32 30.2		816	/1993p	1993 12 11.76110	22 50 58.46	+03 10 30.2		107
/1993p	1993 11 19.83166	23 00 44.24	+17 00 27.2	11.7 T	605	/1993p	1993 12 11.80890	22 50 58.29	+03 08 55.2		104
/1993p	1993 11 20.72265	22 59 56.82	+16 22 52.6		107	/1993p	1993 12 11.85295	22 50 58.10	+03 07 29.2		104
/1993p	1993 11 20.73709	22 59 55.78	+16 22 15.5		107	/1993p	1993 12 12.38939	22 50 57.34	+02 50 07.1		411
/1993p	1993 11 24.74271	22 56 50.02	+13 36 15.8		107	/1993p	1993 12 12.39093	22 50 57.34	+02 50 04.6		411
/1993p	1993 11 24.85771	22 56 45.19	+13 31 32.8	13.6 T	605	/1993p	1993 12 12.39170	22 50 57.31	+02 50 03.1		411
/1993p	1993 11 24.86111	22 56 45.12	+13 31 26.2	13.6 T	605	/1993p	1993 12 12.71955	22 50 57.42	+02 39 34.3		107
/1993p	1993 11 25.86106	22 56 05.70	+12 50 58.0	13.4 T	605	/1993p	1993 12 12.74473	22 50 57.27	+02 38 44.1		107
/1993p	1993 11 26.76024	22 55 32.70	+12 14 58.2	13.0 T	605	/1993p	1993 12 15.70825	22 51 04.53	+01 05 43.5		107
/1993p	1993 11 27.73156	22 54 59.10	+11 36 29.0		107	/1993p	1993 12 16.71437	22 51 10.47	+00 35 05.4		107
/1993p	1993 11 28.38784	22 54 37.54	+11 10 42.0		411	/1993p	1993 12 16.74575	22 51 10.76	+00 34 09.8		107
/1993p	1993 11 28.38938	22 54 37.52	+11 10 38.1		411	/1993p	1993 12 16.95767	22 51 12.26	+00 27 45.6		801

/1993t	1994 02 03.53247	05 08 45.70	+23 00 51.8	16.2 T	360
/1993t	1994 02 03.53542	05 08 45.73	+23 00 52.0		360
/1993t	1994 02 07.54433	05 09 40.00	+23 04 57.1	16 T	887
/1993t	1994 02 07.55153	05 09 40.13	+23 04 57.2		887
/1993t	1994 02 07.56672	05 09 40.29	+23 04 59.2		887

Comet McNaught-Hughes (1993v)

/1993v	1994 01 09.55174	02 39 54.93	-54 08 52.9		323
/1993v	1994 01 21.48717	02 37 03.65	-51 22 25.3		413
/1993v	1994 01 21.49254	02 37 03.67	-51 22 20.1		413
/1993v	1994 01 21.49594	02 37 03.68	-51 22 16.9		413
/1993v	1994 01 22.51055	02 37 11.50	-51 05 31.2		413
/1993v	1994 01 22.51257	02 37 11.50	-51 05 29.0		413
/1993v	1994 01 23.52298	02 37 22.76	-50 48 22.8		413
/1993v	1994 01 23.52506	02 37 22.78	-50 48 20.7		413
/1993v	1994 01 23.54480	02 37 22.99	-50 47 59.8		413

Periodic Comet Kushida

/1994a	1994 01 11.44896	09 47 17.84	+02 44 29.2		675
/1994a	1994 01 11.70451	09 47 25.35	+02 42 06.1	10.6 T	372
/1994a	1994 01 15.67708	09 48 52.43	+02 08 49.5		402
/1994a	1994 01 15.69520	09 48 52.61	+02 08 41.7		402
/1994a	1994 01 15.70833	09 48 52.84	+02 08 38.0	11 T	372
/1994a	1994 01 16.06838	09 48 58.36	+02 05 56.0		978
/1994a	1994 01 16.52986	09 49 04.59	+02 02 40.9		675
/1994a	1994 01 16.55833	09 49 04.89	+02 02 28.7		675
/1994a	1994 01 17.48572	09 49 17.17	+01 56 10.4	17.7 N	691
/1994a	1994 01 17.50680	09 49 17.33	+01 56 02.0	12 T	691
/1994a	1994 01 17.52791	09 49 17.42	+01 55 53.5		691
/1994a	1994 01 18.86642	09 49 32.50	+01 47 28.5	13.1 T	540
/1994a	1994 01 18.86856	09 49 32.42	+01 47 27.0	12.7 T	540
/1994a	1994 01 18.86961	09 49 32.39	+01 47 25.9	13.0 T	540
/1994a	1994 01 18.87070	09 49 32.54	+01 47 25.7	13.2 T	540
/1994a	1994 01 19.62118	09 49 37.92	+01 43 10.3		391
/1994a	1994 01 19.62812	09 49 37.78	+01 43 08.8		391
/1994a	1994 01 19.64063	09 49 37.83	+01 43 04.4		391
/1994a	1994 01 19.99693	09 49 40.08	+01 41 03.9	14.7 N	046
/1994a	1994 01 19.99793	09 49 40.09	+01 41 03.4		046
/1994a	1994 01 19.99857	09 49 40.09	+01 41 03.1		046
/1994a	1994 01 19.99920	09 49 40.07	+01 41 03.2		046
/1994a	1994 01 20.00027	09 49 40.09	+01 41 02.6		046
/1994a	1994 01 20.00095	09 49 40.09	+01 41 02.4		046
/1994a	1994 01 20.00162	09 49 40.09	+01 41 02.1		046
/1994a	1994 01 20.00237	09 49 40.09	+01 41 01.8		046
/1994a	1994 01 20.00594	09 49 40.10	+01 41 00.9		046
/1994a	1994 01 20.00963	09 49 40.10	+01 40 59.8	13 T	046
/1994a	1994 01 20.01181	09 49 40.10	+01 40 59.0		046
/1994a	1994 01 20.65764	09 49 43.39	+01 37 38.9		391
/1994a	1994 01 20.66389	09 49 43.41	+01 37 37.1		391
/1994a	1994 01 20.67014	09 49 43.50	+01 37 34.5		391
/1994a	1994 01 22.65556	09 49 47.78	+01 28 23.8		391
/1994a	1994 01 22.66181	09 49 47.74	+01 28 22.6		391
/1994a	1994 01 22.67361	09 49 47.71	+01 28 20.0		391

/1994a	1994 01 22.94420	09 49 48.08	+01 27 12.6		587
/1994a	1994 01 22.96308	09 49 47.99	+01 27 07.9		587
/1994a	1994 01 23.97581	09 49 46.41	+01 23 15.2	13.8 T	605
/1994a	1994 01 23.97965	09 49 46.29	+01 23 15.9	13.6 T	605
/1994a	1994 01 23.98296	09 49 46.35	+01 23 14.8	13.6 T	605
/1994a	1994 01 23.98670	09 49 46.30	+01 23 13.3	13.6 T	605
/1994a	1994 01 25.50660	09 49 40.99	+01 18 26.9		360
/1994a	1994 01 25.50938	09 49 40.96	+01 18 26.4		360
/1994a	1994 02 03.63715	09 47 51.65	+01 10 08.2	11.1 T	360
/1994a	1994 02 03.63993	09 47 51.59	+01 10 08.3		360
/1994a	1994 02 06.73837	09 46 54.91	+01 14 38.5		893
/1994a	1994 02 06.74252	09 46 54.94	+01 14 39.1		893
/1994a	1994 02 06.74503	09 46 55.09	+01 14 37.7		893
/1994a	1994 02 07.52187	09 46 41.07	+01 16 18.6		896
/1994a	1994 02 07.73299	09 46 36.15	+01 16 44.3		893
/1994a	1994 02 07.73647	09 46 36.06	+01 16 46.5		893
/1994a	1994 02 07.73993	09 46 36.00	+01 16 46.7		893
/1994a	1994 02 09.55598	09 46 01.71	+01 21 27.1		385
/1994a	1994 02 09.55712	09 46 01.68	+01 21 27.4		385
/1994a	1994 02 09.55818	09 46 01.66	+01 21 27.5		385

Note 1: correction to *MPC* 8595. 2: time correction to *MPC* 18013. 3: bad seeing. 4: involved with star. 5: correction to *MPC* 22718. 6: poor distribution of reference stars. A-W: various nuclei, counted east-west, in the notation of Sekanina *et al.* (1993, submitted to *Astron. J.*), correlating with that of Jewitt *et al.* (1993, *Bull. Am. Astron. Soc.* **25**, 1042) as A = 21, B = 20, C = 19, D = 18, E = 17, F = 16, G = 15, H = 14, K = 12, L = 11, P = 8, Q = 7, R = 6, S = 5, T = 4, V = 2, W = 1. The 1993 March-July data for observatory code 568 and the 1994 January data for observatory code 500 were derived from the differential measures provided by the observers and orbits determined for the nine nuclei considered on *MPC* 22793-22794. The 1993 June 26 observations were misidentified as nuclei S and W, respectively, on *MPC* 22717.

OBSERVATIONS OF MINOR PLANETS

The observations are listed separately for each observatory code. Alphabetic note codes shown with some of the observations are defined according to the scheme below. Numeric codes are defined in the headings for the individual observatories.

- A earlier approximate position inferior
- a sense of motion ambiguous
- B black or dark plate
- b bad seeing
- C correction to earlier position
- c crowded star field
- D declination uncertain
- d diffuse image
- E at or near edge of plate
- F faint image
- f involved with emulsion or plate flaw
- G poor guiding
- g no guiding
- I involved with star

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N	Obs.
i	inkdot	measured					
M	measurement	difficult					
N	near edge of plate,	measurement uncertain					
O	image out of focus						
o	plate measured in one direction only						
P	position uncertain						
p	poor image						
R	right ascension uncertain						
r	poor distribution of reference stars						
S	poor sky						
s	streaked image						
T	time uncertain						
t	trailed image						
U	uncertain image						
u	unconfirmed image						
V	very faint image						
W	weak image						
w	weak solution						
1984 DR	1994 01 16.97025	08 02 51.51	+15 50 52.3			010	
1984 DR	1994 01 16.98067	08 02 50.81	+15 50 56.4			010	
1984 DR	1994 01 17.93194	08 01 51.53	+15 57 43.6	18.0		010	
1984 DR	1994 01 17.94378	08 01 50.71	+15 57 48.2			010	
1984 DR	1994 01 17.95453	08 01 50.00	+15 57 53.3			010	
1989 YA ₂	1994 01 16.97025	08 13 53.59	+16 27 13.0			010	
1989 YA ₂	1994 01 16.98067	08 13 52.94	+16 27 12.4			010	
1989 YA ₂	1994 01 17.93194	08 12 54.89	+16 26 44.1	18.3		010	
1989 YA ₂	1994 01 17.94378	08 12 54.18	+16 26 43.6			010	
1989 YA ₂	1994 01 17.95453	08 12 53.44	+16 26 43.5			010	
1994 BB ₃	* 1994 01 16.97025	08 01 17.40	+14 44 06.0			010	
1994 BB ₃	1994 01 16.98067	08 01 16.77	+14 44 11.3			010	
1994 BB ₃	1994 01 17.93194	08 00 22.09	+14 53 05.4	18.5		010	
1994 BB ₃	1994 01 17.94378	08 00 21.34	+14 53 12.2			010	
1994 BB ₃	1994 01 17.95453	08 00 20.68	+14 53 18.1			010	
1994 BC ₃	* 1994 01 16.97025	08 01 53.78	+14 14 59.5			010	
1994 BC ₃	1994 01 16.98067	08 01 53.07	+14 14 59.7			010	
1994 BC ₃	1994 01 17.93194	08 00 43.79	+14 11 33.4	18.5		010	
1994 BC ₃	1994 01 17.94378	08 00 43.16	+14 11 33.9			010	
1994 BC ₃	1994 01 17.95453	08 00 42.48	+14 11 34.0			010	
1994 BD ₃	* 1994 01 16.97025	08 03 20.44	+16 03 27.3			010	
1994 BD ₃	1994 01 16.98067	08 03 19.73	+16 03 28.0			010	
1994 BD ₃	1994 01 17.93194	08 02 18.33	+16 06 19.2	18.5		010	
1994 BD ₃	1994 01 17.94378	08 02 17.55	+16 06 21.3			010	
1994 BD ₃	1994 01 17.95453	08 02 16.81	+16 06 22.7			010	
1994 BE ₃	* 1994 01 16.97025	08 03 57.10	+16 43 06.4			010	
1994 BE ₃	1994 01 16.98067	08 03 56.42	+16 43 06.5			010	
1994 BE ₃	1994 01 17.93194	08 02 54.39	+16 44 18.4	18.6		010	
1994 BE ₃	1994 01 17.94378	08 02 53.72	+16 44 19.0			010	
1994 BE ₃	1994 01 17.95453	08 02 52.90	+16 44 18.7			010	
1994 BF ₃	* 1994 01 16.97025	08 04 32.26	+14 39 53.2			010	
1994 BF ₃	1994 01 16.98067	08 04 31.52	+14 39 56.9			010	
1994 BF ₃	1994 01 17.93194	08 03 32.96	+14 45 23.6	18.2		010	
1994 BF ₃	1994 01 17.94378	08 03 32.14	+14 45 27.9			010	
1994 BF ₃	1994 01 17.95453	08 03 31.40	+14 45 30.8			010	
1994 BG ₃	* 1994 01 16.97025	08 04 46.93	+16 25 05.1			010	
1994 BG ₃	1994 01 16.98067	08 04 46.30	+16 25 08.6			010	
1994 BG ₃	1994 01 17.93194	08 03 45.14	+16 29 45.6	18.7		010	
1994 BG ₃	1994 01 17.94378	08 03 44.16	+16 29 48.7			010	
1994 BG ₃	1994 01 17.95453	08 03 43.40	+16 29 50.4			010	
1994 BH ₃	* 1994 01 16.97025	08 06 44.95	+14 46 01.1			010	
1994 BH ₃	1994 01 16.98067	08 06 44.21	+14 46 01.5			010	
1994 BH ₃	1994 01 17.93194	08 05 48.99	+14 46 27.3	18.6		010	
1994 BH ₃	1994 01 17.94378	08 05 48.37	+14 46 29.3			010	
1994 BH ₃	1994 01 17.95453	08 05 47.65	+14 46 28.1			010	
1994 BJ ₃	* 1994 01 16.97025	08 07 00.95	+14 47 58.4			010	
1994 BJ ₃	1994 01 16.98067	08 07 00.15	+14 48 01.0			010	
1994 BJ ₃	1994 01 17.93194	08 05 58.32	+14 52 27.5	18.5		010	
1994 BJ ₃	1994 01 17.94378	08 05 57.42	+14 52 31.4			010	
1994 BJ ₃	1994 01 17.95453	08 05 56.76	+14 52 33.7			010	
1994 BK ₃	* 1994 01 16.97025	08 07 33.22	+15 11 15.1			010	
1994 BK ₃	1994 01 16.98067	08 07 32.53	+15 11 14.7			010	
1994 BK ₃	1994 01 17.93194	08 06 34.74	+15 11 39.9	18.6		010	
1994 BK ₃	1994 01 17.94378	08 06 34.13	+15 11 38.7			010	
1994 BK ₃	1994 01 17.95453	08 06 33.32	+15 11 40.1			010	
1994 BL ₃	* 1994 01 16.97025	08 09 11.95	+13 52 02.9			010	
1994 BL ₃	1994 01 16.98067	08 09 11.44	+13 52 07.4			010	
1994 BL ₃	1994 01 17.93194	08 08 18.20	+13 56 30.6	18.8		010	
1994 BL ₃	1994 01 17.94378	08 08 17.41	+13 56 34.3			010	
1994 BL ₃	1994 01 17.95453	08 08 16.92	+13 56 36.4			010	
1994 BM ₃	* 1994 01 16.97025	08 09 12.24	+15 43 13.4			010	
1994 BM ₃	1994 01 16.98067	08 09 11.55	+15 43 16.1			010	
1994 BM ₃	1994 01 17.93194	08 08 11.55	+15 46 13.9	18.6		010	
1994 BM ₃	1994 01 17.94378	08 08 10.71	+15 46 15.6			010	
1994 BN ₃	* 1994 01 16.97025	08 09 50.22	+16 21 17.3			010	
1994 BN ₃	1994 01 16.98067	08 09 49.65	+16 21 20.0			010	
1994 BN ₃	1994 01 17.93194	08 08 52.10	+16 25 31.7	18.3		010	
1994 BN ₃	1994 01 17.94378	08 08 51.33	+16 25 35.7			010	
1994 BN ₃	1994 01 17.95453	08 08 50.64	+16 25 38.1			010	
1994 BO ₃	* 1994 01 16.97025	08 09 53.36	+13 37 53.1			010	
1994 BO ₃	1994 01 16.98067	08 09 52.79	+13 37 57.6			010	
1994 BO ₃	1994 01 17.93194	08 09 04.16	+13 45 23.8	18.4		010	
1994 BO ₃	1994 01 17.94378	08 09 03.52	+13 45 28.8			010	
1994 BO ₃	1994 01 17.95453	08 09 02.95	+13 45 33.9			010	
1994 BP ₃	* 1994 01 16.97025	08 10 09.02	+14 12 01.1			010	
1994 BP ₃	1994 01 16.98067	08 10 08.24	+14 12 04.2			010	
1994 BP ₃	1994 01 17.93194	08 09 07.67	+14 18 40.2	18.5		010	

010 Caussols

E. W. Elst, Royal Observatory, B-1180 Brussels, Belgium

C. Pollas, Observatoire de la Côte d'Azur, Avenue Copernic, F-06130 Grasse, France

Observer C. Pollas

Measurer E. W. Elst

0.9-m Schmidt telescope

1994 BP ₃	1994 01 17.94378	08 09 06.89	+14 18 46.0	010	1994 BA ₄	* 1994 01 16.97025	08 17 22.74	+14 16 35.4	010
1994 BP ₃	1994 01 17.95453	08 09 06.20	+14 18 49.9	010	1994 BA ₄	1994 01 16.98067	08 17 22.09	+14 16 37.6	010
1994 BQ ₃	* 1994 01 16.97025	08 10 35.96	+13 14 26.4	010	1994 BA ₄	1994 01 17.93194	08 16 27.18	+14 19 10.3	18.5 010
1994 BQ ₃	1994 01 16.98067	08 10 35.38	+13 14 29.6	010	1994 BA ₄	1994 01 17.94378	08 16 26.41	+14 19 11.9	010
1994 BQ ₃	1994 01 17.93194	08 09 42.15	+13 21 18.4	18.3 010	1994 BA ₄	1994 01 17.95453	08 16 25.83	+14 19 13.8	010
1994 BQ ₃	1994 01 17.94378	08 09 41.52	+13 21 23.8	010	1994 BB ₄	* 1994 01 16.97025	08 17 51.45	+15 18 28.4	010
1994 BQ ₃	1994 01 17.95453	08 09 40.85	+13 21 28.9	010	1994 BB ₄	1994 01 16.98067	08 17 50.83	+15 18 26.2	010
1994 BR ₃	* 1994 01 16.97025	08 10 36.98	+12 38 00.0	010	1994 BB ₄	1994 01 17.93194	08 16 50.32	+15 17 06.5	19.0 010
1994 BR ₃	1994 01 16.98067	08 10 36.36	+12 38 04.8	010	1994 BB ₄	1994 01 17.94378	08 16 49.54	+15 17 07.0	010
1994 BR ₃	1994 01 17.93194	08 09 44.49	+12 44 43.7	18.3 010	1994 BB ₄	1994 01 17.95453	08 16 48.91	+15 17 05.0	010
1994 BR ₃	1994 01 17.94378	08 09 43.81	+12 44 49.5	010	1994 BC ₄	* 1994 01 16.97025	08 18 03.27	+15 16 17.5	010
1994 BR ₃	1994 01 17.95453	08 09 43.13	+12 44 53.7	010	1994 BC ₄	1994 01 16.98067	08 18 02.64	+15 16 21.0	010
1994 BS ₃	* 1994 01 16.97025	08 11 26.60	+15 59 39.3	010	1994 BC ₄	1994 01 17.93194	08 17 01.75	+15 19 43.3	18.6 010
1994 BS ₃	1994 01 16.98067	08 11 26.02	+15 59 39.1	010	1994 BC ₄	1994 01 17.94378	08 17 00.94	+15 19 45.3	010
1994 BS ₃	1994 01 17.93194	08 10 37.08	+16 01 03.0	18.4 010	1994 BC ₄	1994 01 17.95453	08 17 00.30	+15 19 46.0	010
1994 BS ₃	1994 01 17.94378	08 10 36.46	+16 01 03.1	010	1994 BD ₄	* 1994 01 16.97025	08 18 12.71	+14 10 44.8	010
1994 BS ₃	1994 01 17.95453	08 10 35.84	+16 01 02.9	010	1994 BD ₄	1994 01 16.98067	08 18 12.16	+14 10 47.4	010
1994 BT ₃	* 1994 01 16.97025	08 12 39.00	+12 44 09.9	010	1994 BD ₄	1994 01 17.93194	08 17 25.99	+14 14 41.3	18.4 010
1994 BT ₃	1994 01 16.98067	08 12 38.44	+12 44 13.2	010	1994 BD ₄	1994 01 17.94378	08 17 25.38	+14 14 44.1	010
1994 BT ₃	1994 01 17.93194	08 11 51.47	+12 48 12.6	18.6 010	1994 BD ₄	1994 01 17.95453	08 17 24.82	+14 14 46.5	010
1994 BT ₃	1994 01 17.94378	08 11 50.91	+12 48 14.2	010	1994 BE ₄	* 1994 01 16.97025	08 18 33.52	+14 17 41.4	010
1994 BT ₃	1994 01 17.95453	08 11 50.33	+12 48 15.9	010	1994 BE ₄	1994 01 16.98067	08 18 32.98	+14 17 45.2	010
1994 BU ₃	* 1994 01 16.97025	08 12 47.38	+12 38 34.4	010	1994 BE ₄	1994 01 17.93194	08 17 41.36	+14 24 18.0	18.6 010
1994 BU ₃	1994 01 16.98067	08 12 46.65	+12 38 36.9	010	1994 BE ₄	1994 01 17.94378	08 17 40.76	+14 24 21.4	010
1994 BU ₃	1994 01 17.93194	08 11 44.18	+12 41 15.5	18.6 010	1994 BE ₄	1994 01 17.95453	08 17 40.13	+14 24 25.0	010
1994 BU ₃	1994 01 17.94378	08 11 43.50	+12 41 17.9	010	1994 BF ₄	* 1994 01 16.97025	08 18 54.82	+15 21 22.7	010
1994 BU ₃	1994 01 17.95453	08 11 42.82	+12 41 17.8	010	1994 BF ₄	1994 01 16.98067	08 18 54.17	+15 21 24.7	010
1994 BV ₃	* 1994 01 16.97025	08 13 36.81	+16 43 48.8	010	1994 BF ₄	1994 01 17.93194	08 18 03.31	+15 25 49.7	18.5 010
1994 BV ₃	1994 01 16.98067	08 13 36.06	+16 43 48.4	010	1994 BF ₄	1994 01 17.94378	08 18 02.60	+15 25 53.5	010
1994 BV ₃	1994 01 17.93194	08 12 33.45	+16 42 05.4	18.5 010	1994 BF ₄	1994 01 17.95453	08 18 01.93	+15 25 56.6	010
1994 BV ₃	1994 01 17.94378	08 12 32.64	+16 42 03.1	010	1994 BG ₄	* 1994 01 16.97025	08 19 30.50	+14 27 27.4	010
1994 BV ₃	1994 01 17.95453	08 12 31.91	+16 42 02.1	010	1994 BG ₄	1994 01 16.98067	08 19 29.87	+14 27 27.4	010
1994 BW ₃	* 1994 01 16.97025	08 13 41.82	+16 44 06.8	010	1994 BG ₄	1994 01 17.93194	08 18 28.47	+14 28 09.0	18.3 010
1994 BW ₃	1994 01 16.98067	08 13 41.28	+16 44 05.9	010	1994 BG ₄	1994 01 17.94378	08 18 27.73	+14 28 08.5	010
1994 BW ₃	1994 01 17.93194	08 12 48.33	+16 43 58.3	19.0 010	1994 BG ₄	1994 01 17.95453	08 18 26.94	+14 28 09.9	010
1994 BW ₃	1994 01 17.94378	08 12 47.52	+16 43 58.2	010	1994 BH ₄	* 1994 01 16.97025	08 19 37.09	+16 03 04.0	010
1994 BW ₃	1994 01 17.95453	08 12 46.86	+16 43 58.0	010	1994 BH ₄	1994 01 16.98067	08 19 36.42	+16 03 06.0	010
1994 BX ₃	* 1994 01 16.97025	08 14 34.01	+12 12 01.1	010	1994 BH ₄	1994 01 17.93194	08 18 39.79	+16 06 46.2	18.4 010
1994 BX ₃	1994 01 16.98067	08 14 33.42	+12 12 00.6	010	1994 BH ₄	1994 01 17.94378	08 18 39.12	+16 06 48.6	010
1994 BX ₃	1994 01 17.93194	08 13 41.49	+12 11 02.8	18.4 010	1994 BH ₄	1994 01 17.95453	08 18 38.40	+16 06 50.5	010
1994 BX ₃	1994 01 17.94378	08 13 40.94	+12 11 03.2	010	1994 BJ ₄	* 1994 01 16.97025	08 21 27.65	+13 54 03.8	010
1994 BX ₃	1994 01 17.95453	08 13 40.40	+12 11 01.5	010	1994 BJ ₄	1994 01 16.98067	08 21 27.02	+13 54 04.2	010
1994 BY ₃	* 1994 01 16.97025	08 15 26.83	+14 52 51.1	010	1994 BJ ₄	1994 01 17.93194	08 20 37.31	+13 54 33.7	18.4 010
1994 BY ₃	1994 01 16.98067	08 15 26.12	+14 52 50.2	010	1994 BJ ₄	1994 01 17.94378	08 20 36.63	+13 54 33.8	010
1994 BY ₃	1994 01 17.93194	08 14 20.80	+14 53 35.0	18.3 010	1994 BJ ₄	1994 01 17.95453	08 20 36.04	+13 54 32.9	010
1994 BY ₃	1994 01 17.94378	08 14 19.96	+14 53 35.4	010	1994 BK ₄	* 1994 01 16.98067	08 11 36.41	+15 59 44.6	010
1994 BY ₃	1994 01 17.95453	08 14 19.25	+14 53 36.7	010	1994 BK ₄	1994 01 17.93194	08 10 32.90	+16 02 06.3	18.6 010
1994 BZ ₃	* 1994 01 16.97025	08 16 01.18	+13 19 43.1	010	1994 BK ₄	1994 01 17.94378	08 10 32.14	+16 02 09.4	010
1994 BZ ₃	1994 01 16.98067	08 16 00.45	+13 19 42.9	010	1994 BK ₄	1994 01 17.95453	08 10 31.31	+16 02 10.7	010
1994 BZ ₃	1994 01 17.93194	08 14 55.59	+13 20 31.4	18.3 010	2636 P-L	1994 01 16.97025	08 18 27.08	+16 10 51.8	010
1994 BZ ₃	1994 01 17.94378	08 14 54.69	+13 20 31.8	010	2636 P-L	1994 01 16.98067	08 18 26.41	+16 10 55.2	010
1994 BZ ₃	1994 01 17.95453	08 14 54.00	+13 20 32.5	010	2636 P-L	1994 01 17.93194	08 17 25.27	+16 14 47.8	18.7 010

1991 XR ₁	1993 03 26.96042	11 04 48.41	+07 56 59.6	18.5	033	(1077)	1993 10 16.13125	06 56 42.65	+29 29 42.7		033
1991 XR ₁	1993 03 29.03125	11 03 26.50	+08 03 49.8		033	(1077)	1993 11 12.12778	07 10 11.36	+30 22 17.8	16.4	033
1991 XR ₁	1993 04 16.92708	10 54 35.31	+08 41 58.6		033	(1077)	1993 11 13.10417	07 10 10.82	+30 24 49.0		033
1991 XR ₁	1993 04 20.92569	10 53 39.39	+08 44 01.0	18.8	033	(1264)	1993 10 18.02708	04 20 16.11	+21 43 32.3	15.3	033
1991 XR ₁	1993 04 21.91111	10 53 28.94	+08 44 12.8		V 033	(1264)	1993 10 18.07361	04 20 14.75	+21 43 14.1		033
1991 XR ₁	1993 04 23.93472	10 53 11.20	+08 44 08.6		F 033	(1347)	1993 11 11.96528	04 52 18.87	+17 33 39.4		033
1993 DF ₂	1993 03 24.95139	11 07 03.20	+09 07 53.2		033	(1347)	1993 11 12.01528	04 52 16.62	+17 33 17.0		033
1993 DF ₂	1993 03 26.91250	11 05 34.28	+09 21 19.5		033	(1347)	1993 11 12.96736	04 51 33.85	+17 25 55.6	15.7	033
1993 DF ₂	1993 03 26.96042	11 05 32.12	+09 21 38.2	18.4	033	(1347)	1993 11 13.01250	04 51 31.69	+17 25 34.8		033
1993 DF ₂	1993 03 29.03125	11 04 03.70	+09 34 58.0		033	(1365)	1993 12 18.99236	06 38 01.44	+20 54 45.3	15.9	033
1993 FA ₄	* 1993 03 24.95139	11 01 59.15	+07 25 13.0		033	(1365)	1993 12 19.02708	06 37 58.99	+20 54 42.6		T 033
1993 FA ₄	1993 03 26.91250	11 00 45.47	+07 32 12.3		033	(1427)	1993 11 13.03819	05 23 38.87	+21 21 19.2	16.6	033
1993 FA ₄	1993 03 26.96042	11 00 43.73	+07 32 22.4	18.5	033	(1427)	1993 11 13.08194	05 23 36.81	+21 21 23.8		033
1993 FB ₄	* 1993 03 24.95139	11 02 46.62	+07 54 10.0		033	(1574)	1993 11 13.03819	05 13 20.15	+21 27 11.3	16.2	033
1993 FB ₄	1993 03 26.91250	11 01 26.65	+08 04 34.7		V 033	(1574)	1993 11 13.08194	05 13 18.55	+21 27 01.0		033
1993 FB ₄	1993 03 26.96042	11 01 24.67	+08 04 49.1	18.7	033	(2068)	1993 11 12.10556	07 38 05.63	+20 23 32.3	16.8	E 033
1993 FC ₄	* 1993 03 24.95139	11 07 47.17	+08 55 23.1		033	(2068)	1993 11 12.15000	07 38 06.28	+20 23 41.5		033
1993 FC ₄	1993 03 26.91250	11 06 27.87	+09 06 29.8		033	(2144)	1993 12 18.99236	06 37 03.88	+20 06 30.4	15.8	033
1993 FC ₄	1993 03 26.96042	11 06 25.97	+09 06 45.9	18.6	033	(2144)	1993 12 19.02708	06 37 01.91	+20 06 32.8		T 033
1993 FC ₄	1993 03 29.03125	11 05 06.65	+09 17 48.1		033	(2145)	1993 11 12.08403	06 44 38.35	+22 28 04.0	16.8	033
1993 VP ₂	1993 10 18.02708	04 25 24.94	+21 47 46.3	17.8	033	(2145)	1993 11 13.05972	06 44 24.49	+22 24 48.7		033
1993 VP ₂	1993 10 18.07361	04 25 23.84	+21 47 18.0		033	(2180)	1993 10 18.02708	04 25 23.59	+21 25 18.0	16.8	033
(45)	1993 10 17.94306	02 20 28.35	+04 36 07.6	12.6	033	(2180)	1993 10 18.07361	04 25 22.53	+21 25 08.9		033
(45)	1993 10 18.00278	02 20 25.41	+04 35 46.6		033	(2248)	1993 03 24.95139	11 11 00.74	+07 04 51.5		E 033
(45)	1993 11 11.94236	02 00 15.87	+02 37 53.2	12.2	033	(2248)	1993 03 26.91250	11 09 41.53	+07 11 40.6		E 033
(45)	1993 11 11.99306	02 00 13.60	+02 37 43.2		033	(2248)	1993 03 26.96042	11 09 39.58	+07 11 49.9	16.2	E 033
(45)	1993 11 12.84236	01 59 37.08	+02 34 59.3		033	(2248)	1993 03 29.03125	11 08 19.70	+07 18 31.9		E 033
(58)	1993 03 24.95139	11 03 52.59	+07 33 54.8		033	(2248)	1993 04 20.92569	10 59 14.53	+07 54 51.1	16.8	033
(58)	1993 03 26.91250	11 02 34.63	+07 45 44.7		033	(2248)	1993 04 21.91111	10 59 07.03	+07 54 43.5		033
(58)	1993 03 26.96042	11 02 32.72	+07 46 01.4	13.6	033	(2248)	1993 04 23.93472	10 58 55.91	+07 54 00.1		033
(58)	1993 03 29.03125	11 01 14.74	+07 57 53.9		033	(2489)	1993 11 13.03819	05 20 10.15	+23 47 21.9	18.2	033
(58)	1993 04 16.92708	10 53 38.75	+09 14 00.8		033	(2489)	1993 11 13.08194	05 20 08.33	+23 47 21.8		033
(58)	1993 04 20.92569	10 53 08.62	+09 21 58.2	14.2	033	(2657)	1993 03 24.95139	11 01 07.11	+09 17 59.7		033
(58)	1993 04 21.91111	10 53 04.96	+09 23 29.6		033	(2657)	1993 03 26.91250	10 59 53.19	+09 24 11.6		033
(58)	1993 04 23.93472	10 53 02.03	+09 26 03.8		033	(2657)	1993 03 26.96042	10 59 51.39	+09 24 20.5	17.7	033
(571)	1993 03 24.95139	10 58 32.54	+08 31 19.8		033	(2657)	1993 03 29.03125	10 58 36.79	+09 30 25.5		033
(571)	1993 03 26.91250	10 56 57.06	+08 37 07.6		033	(2730)	1993 03 26.91250	11 09 35.31	+07 42 27.1		E 033
(571)	1993 03 26.96042	10 56 54.70	+08 37 16.0	16.6	033	(2730)	1993 03 26.96042	11 09 33.00	+07 42 33.6	16.7	E 033
(571)	1993 03 29.03125	10 55 18.71	+08 42 50.4		033	(2730)	1993 03 29.03125	11 07 54.26	+07 47 21.7		E 033
(685)	1993 10 18.02708	04 24 18.90	+22 13 41.5	16.2	033	(2730)	1993 04 16.92708	10 56 44.82	+08 06 21.7		033
(685)	1993 10 18.07361	04 24 17.55	+22 13 34.1		033	(2730)	1993 04 20.92569	10 55 26.36	+08 04 07.7	17.1	033
(685)	1993 11 12.94444	04 02 30.08	+20 29 06.1	15.4	033	(2730)	1993 04 21.91111	10 55 10.77	+08 03 14.0		033
(685)	1993 11 12.99028	04 02 26.89	+20 28 52.2		033	(2730)	1993 04 23.93472	10 54 43.23	+08 00 57.3		033
(936)	1993 10 18.02708	04 21 45.34	+21 04 47.0	15.8	033	(2773)	1993 11 11.96528	04 48 50.08	+17 59 31.0		033
(936)	1993 10 18.07361	04 21 44.11	+21 04 45.5		033	(2773)	1993 11 12.01528	04 48 47.49	+17 59 30.0		033
(936)	1993 11 12.94444	04 04 25.31	+20 35 31.6	15.6	033	(2773)	1993 11 12.96736	04 48 00.77	+17 59 11.5	16.8	033
(936)	1993 11 12.99028	04 04 22.93	+20 35 26.8		033	(2773)	1993 11 13.01250	04 47 58.39	+17 59 10.6		033
(1018)	1993 03 24.95139	11 01 16.42	+08 22 25.6		033	(3060)	1993 10 16.08472	06 59 33.21	+30 57 33.9	17.8	033
(1018)	1993 03 26.91250	10 59 41.46	+08 28 00.2		033	(3060)	1993 10 16.13125	06 59 35.56	+30 57 37.7		033
(1018)	1993 03 26.96042	10 59 39.14	+08 28 07.8	16.7	033	(3060)	1993 11 12.12778	07 10 04.73	+31 41 19.1	17.5	033
(1018)	1993 03 29.03125	10 58 02.55	+08 33 34.6		033	(3060)	1993 11 13.10417	07 09 58.30	+31 43 24.3		033
(1077)	1993 10 16.08472	06 56 40.05	+29 29 38.8	16.4	033	(3091)	1993 11 12.94444	04 02 01.07	+20 09 23.2	19.0	033

(3091)	1993 11 12.99028	04 01 58.16	+20 09 13.6		033	0.63-m Maksutov reflector, 0.57-m reflector + CCD						
(3307)	1993 12 18.99236	06 37 04.16	+21 07 11.6	17.1	033	PPM, GSC						
(3307)	1993 12 19.02708	06 37 01.67	+21 07 04.4		T 033	1978 WC	1994 01 21.87728	07 15 41.53	+29 19 27.8	17.4 V	046	
(3473)	1993 03 24.95139	11 06 11.96	+07 10 46.9		033	1978 WC	1994 01 21.87841	07 15 41.45	+29 19 28.2		046	
(3473)	1993 03 26.91250	11 04 49.36	+07 19 55.5		033	1978 WC	1994 01 21.87951	07 15 41.37	+29 19 28.2		046	
(3473)	1993 03 26.96042	11 04 47.37	+07 20 07.7	16.6	033	1978 WC	1994 01 21.88061	07 15 41.32	+29 19 28.7		046	
(3473)	1993 03 29.03125	11 03 26.16	+07 29 00.7		033	1981 QE ₁	1994 01 19.97104	08 31 49.15	+17 07 56.4	16.3 V	046	
(3473)	1993 04 16.92708	10 56 57.36	+08 09 42.2		033	1981 QE ₁	1994 01 19.97199	08 31 49.10	+17 07 56.5		046	
(3473)	1993 04 20.92569	10 57 04.37	+08 08 24.5	15.6	033	1981 QE ₁	1994 01 19.97293	08 31 49.04	+17 07 56.8		046	
(3473)	1993 04 21.91111	10 57 11.07	+08 07 33.8		033	1981 QE ₁	1994 01 19.97550	08 31 48.87	+17 07 57.5		046	
(3473)	1993 04 23.93472	10 57 30.69	+08 05 09.8		033	1981 QE ₁	1994 01 19.97645	08 31 48.81	+17 07 57.4		046	
(3663)	1993 11 11.96528	04 44 13.56	+19 32 15.1		E 033	1981 QE ₁	1994 01 19.97736	08 31 48.76	+17 07 57.6		046	
(3663)	1993 11 12.01528	04 44 11.42	+19 32 12.4		V 033	1981 QE ₁	1994 01 19.97828	08 31 48.68	+17 07 57.8		046	
(3663)	1993 11 12.96736	04 43 30.44	+19 31 01.9	18.8	E 033	1981 QE ₁	1994 01 19.97919	08 31 48.62	+17 07 57.9		046	
(3663)	1993 11 13.01250	04 43 28.43	+19 30 58.2		E 033	1981 QE ₁	1994 01 21.93308	08 29 41.81	+17 14 14.5	16.4 V	046	
(3705)	1993 11 12.08403	06 55 15.23	+21 04 12.3	18.2	033	1981 QE ₁	1994 01 21.93433	08 29 41.74	+17 14 14.5		046	
(3705)	1993 11 13.05972	06 55 10.01	+21 03 57.3		033	1981 QE ₁	1994 01 21.93561	08 29 41.65	+17 14 14.9		046	
(3705)	1993 12 18.99236	06 35 06.99	+21 19 53.2	17.5	033	1981 QE ₁	1994 01 21.93664	08 29 41.58	+17 14 15.0		046	
(3705)	1993 12 19.02708	06 35 05.05	+21 19 55.4		T 033	1981 SM	1994 01 19.95623	07 57 38.00	+20 57 35.2	15.9 V	046	
(4028)	1993 11 12.10556	07 32 13.61	+17 42 49.0	18.3	033	1981 SM	1994 01 19.95718	07 57 37.94	+20 57 35.2		046	
(4028)	1993 11 12.15000	07 32 14.75	+17 42 42.1		033	1981 SM	1994 01 19.95810	07 57 37.88	+20 57 35.3		046	
(4028)	1993 11 13.12708	07 32 40.71	+17 40 08.9		033	1981 SM	1994 01 19.95969	07 57 37.76	+20 57 35.5		046	
(4059)	1993 11 12.94444	04 02 15.25	+20 35 58.4	17.1	033	1981 SM	1994 01 19.96059	07 57 37.71	+20 57 35.5		046	
(4059)	1993 11 12.99028	04 02 12.97	+20 35 45.1		033	1981 SM	1994 01 19.96148	07 57 37.64	+20 57 35.5		046	
(4229)	1993 03 24.95139	11 03 40.55	+08 15 24.8		033	1981 SM	1994 01 19.96266	07 57 37.57	+20 57 35.6		046	
(4229)	1993 03 26.91250	11 02 30.72	+08 28 54.0		033	1981 SM	1994 01 19.96356	07 57 37.51	+20 57 35.7		046	
(4229)	1993 03 26.96042	11 02 28.97	+08 29 12.6	16.5	033	1981 SM	1994 01 21.88535	07 55 31.41	+20 59 52.0	15.9 V	046	
(4229)	1993 03 29.03125	11 01 21.49	+08 42 28.9		033	1981 SM	1994 01 21.88646	07 55 31.34	+20 59 52.3		046	
(4421)	1993 11 12.10556	07 36 34.38	+18 18 32.9	17.2	033	1981 SM	1994 01 21.88757	07 55 31.25	+20 59 52.2		046	
(4421)	1993 11 12.15000	07 36 35.86	+18 18 47.7		033	1981 SM	1994 01 21.88878	07 55 31.18	+20 59 52.2		046	
(4421)	1993 11 13.12708	07 37 09.36	+18 24 14.9		033	1982 EF	1994 01 19.88957	06 05 59.79	+03 19 07.8	17.1 V	046	
(5125)	1993 03 26.91250	11 09 52.60	+08 57 34.0		E 033	1982 EF	1994 01 19.89050	06 05 59.76	+03 19 08.5		046	
(5125)	1993 03 26.96042	11 09 50.31	+08 57 39.2	17.5	E 033	1982 EF	1994 01 19.89140	06 05 59.71	+03 19 08.8		046	
(5125)	1993 03 29.03125	11 08 17.97	+09 01 24.6		E 033	1982 EF	1994 01 19.89304	06 05 59.67	+03 19 09.3		046	
(5210)	1993 03 24.95139	11 01 18.66	+06 50 24.5		033	1982 EF	1994 01 19.89396	06 05 59.60	+03 19 09.7		046	
(5210)	1993 03 26.91250	10 59 49.13	+06 57 25.3		033	1982 EF	1994 01 19.89486	06 05 59.57	+03 19 10.5		046	
(5210)	1993 03 26.96042	10 59 47.00	+06 57 35.2	17.8	033	1982 EF	1994 01 21.86682	06 04 41.30	+03 30 59.2	17.1 V	046	
(5210)	1993 03 29.03125	10 58 18.07	+07 04 24.0		033	1982 EF	1994 01 21.86817	06 04 41.24	+03 30 59.4		046	
(5346)	1993 11 13.03819	05 21 45.40	+23 09 16.0	18.3	033	1982 EF	1994 01 21.86932	06 04 41.20	+03 31 00.3		046	
(5346)	1993 11 13.08194	05 21 43.59	+23 09 16.2		033	1982 EF	1994 01 21.87042	06 04 41.15	+03 31 00.4		046	
(5541)	1993 10 17.94306	02 14 02.27	+07 10 13.0	16.1	033	1986 WB ₁	1994 01 19.98481	08 32 49.19	+12 36 53.0	16.1 V	046	
(5541)	1993 10 18.00278	02 13 59.81	+07 09 40.9		033	1986 WB ₁	1994 01 19.98575	08 32 49.12	+12 36 52.9		046	
(5541)	1993 11 11.94236	01 57 28.54	+03 44 47.2	17.3	033	1986 WB ₁	1994 01 19.98667	08 32 49.09	+12 36 53.0		046	
(5541)	1993 11 11.99306	01 57 26.77	+03 44 27.2		033	1986 WB ₁	1994 01 19.98816	08 32 48.98	+12 36 53.4		046	
(5541)	1993 11 12.84236	01 56 58.36	+03 38 52.3		I 033	1986 WB ₁	1994 01 19.98909	08 32 48.91	+12 36 53.4		046	
(5821)	1993 11 13.03819	05 22 16.01	+22 16 58.5	18.4	033	1986 WB ₁	1994 01 19.99001	08 32 48.85	+12 36 53.5		046	
(5821)	1993 11 13.08194	05 22 14.07	+22 16 58.9		033	1986 WB ₁	1994 01 19.99098	08 32 48.79	+12 36 53.3		046	
						1986 WB ₁	1994 01 19.99190	08 32 48.74	+12 36 53.4		046	
						1986 WB ₁	1994 01 21.94034	08 30 46.24	+12 40 12.1	16.1 V	046	
						1986 WB ₁	1994 01 21.94134	08 30 46.18	+12 40 12.2		046	
						1986 WB ₁	1994 01 21.94226	08 30 46.13	+12 40 12.2		046	
						1986 WB ₁	1994 01 21.94319	08 30 46.06	+12 40 12.4		046	

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 Observers J. Tichá, Z. Vávrová, Z. Moravec, M. Tichý
 Measurers Z. Moravec, M. Tichý

1988 TQ	1994 01 21.89380	07 58 28.08	+22 08 35.8	17.2 V	046	(1)	1993 11 18.88611	01 45 11.79	-00 56 53.4	046
1988 TQ	1994 01 21.89490	07 58 28.01	+22 08 36.1		046	(1)	1993 11 18.88860	01 45 11.67	-00 56 53.4	046
1988 TQ	1994 01 21.89593	07 58 27.93	+22 08 36.3		046	(1)	1993 11 18.89109	01 45 11.57	-00 56 53.4	046
1988 TQ	1994 01 21.89693	07 58 27.89	+22 08 37.0		046	(69)	1993 11 19.04653	04 19 09.43	+09 57 27.7	046
1989 EC ₂	1994 01 21.90977	08 11 35.97	+28 18 15.1	17.1 V	046	(69)	1993 11 19.06152	04 19 08.57	+09 57 23.4	046
1989 EC ₂	1994 01 21.91089	08 11 35.92	+28 18 15.1		046	(135)	1993 12 05.81030	04 26 21.44	+25 33 18.1	046
1989 EC ₂	1994 01 21.91196	08 11 35.86	+28 18 15.2		046	(135)	1993 12 05.82465	04 26 20.45	+25 33 15.6	046
1989 EC ₂	1994 01 21.91301	08 11 35.79	+28 18 15.3		046	(178)	1993 12 05.81030	04 34 13.03	+23 03 34.1	046
1994 AW ₁	1994 01 14.87639	07 16 01.89	+13 30 53.7		046	(178)	1993 12 05.82465	04 34 12.12	+23 03 32.4	046
1994 AW ₁	1994 01 14.87707	07 16 01.68	+13 30 49.5		046	(204)	1993 12 05.87662	04 22 35.39	+13 11 20.2	046
1994 AW ₁	1994 01 14.87843	07 16 01.25	+13 30 41.4		046	(204)	1993 12 05.89091	04 22 34.50	+13 11 15.0	046
1994 AW ₁	1994 01 15.89692	07 10 55.51	+11 49 43.4	15.1 V	046	(268)	1993 11 18.97465	04 10 50.69	+18 03 03.6	E 046
1994 AW ₁	1994 01 15.89774	07 10 55.25	+11 49 38.7		046	(268)	1993 11 18.98906	04 10 50.19	+18 03 01.5	E 046
1994 AW ₁	1994 01 15.89851	07 10 55.01	+11 49 34.3		046	(423)	1993 12 05.81030	04 36 46.05	+22 37 52.1	E 046
1994 AW ₁	1994 01 15.90418	07 10 53.28	+11 49 01.0		046	(423)	1993 12 05.82465	04 36 45.22	+22 37 54.0	E 046
1994 AW ₁	1994 01 15.90536	07 10 52.92	+11 48 54.2		046	(1097)	1993 11 18.97465	04 18 59.59	+19 06 50.1	046
1994 AW ₁	1994 01 15.90650	07 10 52.57	+11 48 47.5		046	(1097)	1993 11 18.98906	04 18 58.85	+19 06 48.9	046
1994 AW ₁	1994 01 15.90718	07 10 52.36	+11 48 43.5		046	(1175)	1993 12 05.73472	22 41 27.09	+06 52 22.7	046
1994 AW ₁	1994 01 15.90789	07 10 52.14	+11 48 39.4		046	(1175)	1993 12 05.74931	22 41 27.82	+06 52 22.1	046
1994 AW ₁	1994 01 15.90875	07 10 51.89	+11 48 34.3		046	(1296)	1993 11 19.01424	02 32 20.88	+14 54 07.8	046
1994 AW ₁	1994 01 15.90948	07 10 51.66	+11 48 30.0		046	(1296)	1993 11 19.02593	02 32 20.17	+14 54 02.9	046
1994 AW ₁	1994 01 15.91042	07 10 51.38	+11 48 24.7		046	(1347)	1993 12 05.87662	04 30 38.16	+14 29 45.6	046
1994 AW ₁	1994 01 15.91128	07 10 51.08	+11 48 19.0		046	(1347)	1993 12 05.89091	04 30 37.09	+14 29 38.2	046
1994 AW ₁	1994 01 15.99742	07 10 24.77	+11 39 53.0		046	(1382)	1993 12 05.81030	04 28 05.56	+24 18 30.6	046
1994 AW ₁	1994 01 15.99825	07 10 24.52	+11 39 48.3	14.8 V	046	(1382)	1993 12 05.82465	04 28 04.59	+24 18 29.0	046
1994 AW ₁	1994 01 15.99977	07 10 24.05	+11 39 39.4		046	(1505)	1993 12 05.84410	04 33 25.23	+20 58 30.8	E 046
1994 AW ₁	1994 01 16.00051	07 10 23.84	+11 39 34.9		046	(1505)	1993 12 05.85833	04 33 24.61	+20 58 28.4	E 046
1994 AW ₁	1994 01 16.00124	07 10 23.62	+11 39 30.7		046	(1734)	1993 11 19.04653	04 21 14.64	+08 55 09.5	046
1994 AW ₁	1994 01 16.00211	07 10 23.34	+11 39 25.5		046	(1734)	1993 11 19.06152	04 21 14.07	+08 55 04.9	046
1994 AW ₁	1994 01 16.00286	07 10 23.12	+11 39 21.0		046	(1785)	1993 11 18.94028	04 21 29.72	+25 52 40.7	E 046
1994 AW ₁	1994 01 16.00361	07 10 22.89	+11 39 16.6		046	(1785)	1993 11 18.95457	04 21 28.48	+25 52 38.4	E 046
1994 AW ₁	1994 01 19.84701	06 53 11.74	+05 44 45.3	15.0 V	046	(1802)	1993 12 05.77280	01 59 37.62	+08 12 09.7	046
1994 AW ₁	1994 01 19.84795	06 53 11.52	+05 44 40.4		046	(1802)	1993 12 05.78773	01 59 37.24	+08 12 10.7	046
1994 AW ₁	1994 01 19.84911	06 53 11.21	+05 44 34.3		046	(2105)	1994 01 15.95073	07 06 47.14	+04 44 44.8	13.4 V 046
1994 AW ₁	1994 01 19.84978	06 53 11.04	+05 44 31.0		046	(2105)	1994 01 15.95148	07 06 47.08	+04 44 44.3	046
1994 AW ₁	1994 01 19.85046	06 53 10.87	+05 44 27.4		046	(2105)	1994 01 15.95219	07 06 47.01	+04 44 43.7	046
1994 AW ₁	1994 01 19.85132	06 53 10.66	+05 44 23.0		046	(2105)	1994 01 15.95299	07 06 46.95	+04 44 43.2	046
1994 AW ₁	1994 01 19.85200	06 53 10.47	+05 44 19.5		046	(2105)	1994 01 15.95433	07 06 46.83	+04 44 42.1	046
1994 AW ₁	1994 01 19.85267	06 53 10.30	+05 44 15.9		046	(2105)	1994 01 15.95505	07 06 46.77	+04 44 41.5	046
1994 AW ₁	1994 01 19.85334	06 53 10.14	+05 44 12.4		046	(2131)	1993 07 24.96280	21 06 07.74	-14 46 33.8	046
1994 AW ₁	1994 01 19.85400	06 53 09.97	+05 44 09.1		046	(2131)	1993 07 24.97738	21 06 05.47	-14 46 07.8	046
1994 AW ₁	1994 01 19.85470	06 53 09.79	+05 44 05.4		046	(2199)	1994 01 09.99242	08 40 59.60	+12 44 03.4	16.1 V 046
1994 AW ₁	1994 01 19.85537	06 53 09.61	+05 44 02.1		046	(2199)	1994 01 09.99444	08 40 59.51	+12 44 04.3	046
1994 AW ₁	1994 01 21.83953	06 45 27.92	+02 59 56.0	15.4 V	046	(2199)	1994 01 09.99604	08 40 59.33	+12 44 04.7	046
1994 AW ₁	1994 01 21.84067	06 45 27.64	+02 59 50.2		046	(2199)	1994 01 09.99744	08 40 59.25	+12 44 05.1	046
1994 AW ₁	1994 01 21.84220	06 45 27.30	+02 59 42.9		046	(2199)	1994 01 10.00453	08 40 58.93	+12 44 07.7	046
1994 AW ₁	1994 01 21.84376	06 45 26.94	+02 59 35.7		046	(2199)	1994 01 10.00596	08 40 58.84	+12 44 08.2	046
1994 AW ₁	1994 01 21.84458	06 45 26.74	+02 59 31.7		046	(2219)	1993 12 05.77280	01 56 40.96	+06 23 19.9	046
1994 AW ₁	1994 01 21.84549	06 45 26.54	+02 59 27.3		046	(2219)	1993 12 05.78773	01 56 40.68	+06 23 19.9	046
1994 AW ₁	1994 01 21.84642	06 45 26.33	+02 59 22.8		046	(2773)	1993 12 05.84410	04 24 39.15	+17 56 20.9	046
1994 AW ₁	1994 01 21.84725	06 45 26.12	+02 59 19.1		046	(2773)	1993 12 05.85833	04 24 38.27	+17 56 22.0	046
(1)	1993 11 18.88362	01 45 11.88	-00 56 54.6		046	(3184)	1993 11 19.08426	04 12 00.00	+12 39 03.9	E 046

(3184)	1993 11 19.09855	04 11 59.04	+12 39 05.0		E 046	1994 BJ	1994 01 18.97349	09 47 01.75	+14 40 32.9		098
(3197)	1994 01 14.86174	06 57 04.62	+20 48 28.0	13.4 V	046	1994 BK	* 1994 01 16.94653	09 51 25.51	+12 57 37.5		098
(3197)	1994 01 14.86240	06 57 04.59	+20 48 28.4		046	1994 BK	1994 01 16.96076	09 51 24.96	+12 57 39.9		098
(3197)	1994 01 14.86302	06 57 04.55	+20 48 28.7		046	1994 BK	1994 01 18.94849	09 50 09.51	+13 03 27.3	17.0 R	098
(3197)	1994 01 14.86627	06 57 04.36	+20 48 30.9		046	1994 BK	1994 01 18.97349	09 50 08.52	+13 03 31.8		098
(3197)	1994 01 14.86859	06 57 04.22	+20 48 32.4		046	1994 BL	* 1994 01 16.94653	09 52 20.99	+12 53 40.2		098
(3197)	1994 01 14.86925	06 57 04.18	+20 48 32.8		046	1994 BL	1994 01 16.96076	09 52 20.38	+12 53 42.1		098
(3258)	1993 11 19.01424	02 32 04.02	+15 54 16.8		046	1994 BL	1994 01 18.94849	09 51 01.18	+12 58 06.1	16.5 R	098
(3258)	1993 11 19.02593	02 32 03.26	+15 54 18.9		046	1994 BL	1994 01 18.97349	09 51 00.17	+12 58 09.2		098
(3428)	1993 11 19.01424	02 36 10.62	+16 23 45.2		046	1994 BM	* 1994 01 16.94653	09 53 41.55	+13 23 05.9		098
(3428)	1993 11 19.02593	02 36 09.99	+16 23 41.7		046	1994 BM	1994 01 16.96076	09 53 40.89	+13 23 06.3		098
(4265)	1993 12 05.87662	04 22 26.61	+14 36 08.2		046	1994 BM	1994 01 18.94849	09 52 09.30	+13 24 47.5	17.0 R	098
(4265)	1993 12 05.89091	04 22 25.60	+14 36 06.6		046	1994 BM	1994 01 18.97349	09 52 08.20	+13 24 47.2		098
(4335)	1993 12 05.81030	04 21 54.10	+24 59 25.2		E 046	1994 BN	1994 01 16.94653	09 34 51.85	+13 50 14.6		098
(4335)	1993 12 05.82465	04 21 53.13	+24 59 28.1		E 046	1994 BN	* 1994 01 16.96076	09 34 51.08	+13 50 15.7		098
(4398)	1993 11 19.08426	04 17 07.18	+14 10 35.8		046	1994 BN	1994 01 18.94849	09 33 20.48	+13 52 47.6	17.0 R	098
(4398)	1993 11 19.09855	04 17 06.24	+14 10 35.3		046	1994 BN	1994 01 18.97349	09 33 19.19	+13 52 50.1		098
(5278)	1993 11 18.97465	04 15 11.49	+19 13 24.6	15.6	046	1994 BO	* 1994 01 17.01354	10 09 37.80	+19 00 42.0	17.0 R	098
(5278)	1993 11 18.98906	04 15 10.37	+19 13 19.5		046	1994 BO	1994 01 17.03090	10 09 37.39	+19 00 54.9		098
						1994 BO	1994 01 18.99687	10 08 49.54	+19 26 44.8		098
						1994 BO	1994 01 19.02326	10 08 48.83	+19 27 05.0		098
						1994 BP	* 1994 01 17.01354	10 09 37.97	+19 05 22.0	17.5 R	098
						1994 BP	1994 01 17.03090	10 09 37.29	+19 05 23.1		098
						1994 BP	1994 01 18.99687	10 08 19.83	+19 07 48.6		098
						1994 BP	1994 01 19.02326	10 08 18.88	+19 07 50.3		098
						1994 BQ	* 1994 01 17.01354	10 13 28.03	+17 52 03.0		098
						1994 BQ	1994 01 17.03090	10 13 27.62	+17 52 08.3		098
						1994 BQ	1994 01 18.99687	10 12 31.14	+18 04 49.5	17.0 R	098
						1994 BQ	1994 01 19.02326	10 12 30.33	+18 04 58.6		098
						1994 BR	* 1994 01 17.01354	10 15 10.21	+19 59 42.1		098
						1994 BR	1994 01 17.03090	10 15 09.57	+19 59 49.3		098
						1994 BR	1994 01 18.99687	10 13 56.20	+20 14 12.3	17.0 R	098
						1994 BR	1994 01 19.02326	10 13 55.21	+20 14 22.6		098
						1994 BS	* 1994 01 17.01354	10 21 29.39	+17 46 20.3		098
						1994 BS	1994 01 17.03090	10 21 28.97	+17 46 23.7		098
						1994 BS	1994 01 18.99687	10 20 36.36	+17 58 45.8	17.0 R	098
						1994 BS	1994 01 19.02326	10 20 35.60	+17 58 54.7		098
						1994 BT	* 1994 01 17.01354	10 22 11.83	+21 44 18.8		098
						1994 BT	1994 01 17.03090	10 22 11.24	+21 44 22.3		098
						1994 BT	1994 01 18.99687	10 21 07.14	+21 50 36.2	17.0 R	098
						1994 BT	1994 01 19.02326	10 21 06.36	+21 50 40.8		098
						1994 BU	* 1994 01 17.01354	10 25 06.28	+20 20 43.2		d 098
						1994 BU	1994 01 17.03090	10 25 05.45	+20 20 43.7		d 098
						1994 BU	1994 01 18.99687	10 23 45.00	+20 20 25.0	17 R	d 098
						1994 BU	1994 01 19.02326	10 23 43.85	+20 20 24.7		d 098
						1994 BZ	* 1994 01 16.94653	09 42 38.76	+16 25 51.5		098
						1994 BZ	1994 01 16.96076	09 42 38.10	+16 25 54.8		098
						1994 BZ	1994 01 18.94849	09 41 19.00	+16 32 35.4	17.5 R	098
						1994 BZ	1994 01 18.97349	09 41 17.86	+16 32 36.9		098
						1994 BA ₁	* 1994 01 17.01354	10 19 16.84	+19 24 17.1		098
						1994 BA ₁	1994 01 17.03090	10 19 16.12	+19 24 20.3		098
						1994 BA ₁	1994 01 18.99687	10 18 07.53	+19 30 55.8	17.5 R	098

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1986 PS ₄	1994 01 16.94653	09 48 54.72	+13 30 50.5		098	1994 BP	1994 01 18.99687	10 08 19.83	+19 07 48.6		098
1986 PS ₄	1994 01 16.96076	09 48 54.09	+13 30 51.7		098	1994 BP	1994 01 19.02326	10 08 18.88	+19 07 50.3		098
1986 PS ₄	1994 01 18.94849	09 47 32.20	+13 33 32.0	17.0 R	098	1994 BQ	* 1994 01 17.01354	10 13 28.03	+17 52 03.0		098
1986 PS ₄	1994 01 18.97349	09 47 31.03	+13 33 34.1		098	1994 BQ	1994 01 17.03090	10 13 27.62	+17 52 08.3		098
1986 UY	1994 01 18.90341	07 30 26.96	+29 49 50.8	16.5 R	098	1994 BQ	1994 01 18.99687	10 12 31.14	+18 04 49.5	17.0 R	098
1986 UY	1994 01 18.92569	07 30 25.40	+29 49 48.7		098	1994 BQ	1994 01 19.02326	10 12 30.33	+18 04 58.6		098
1987 RT ₃	1994 01 16.94653	09 40 33.47	+15 15 35.4		098	1994 BR	* 1994 01 17.01354	10 15 10.21	+19 59 42.1		098
1987 RT ₃	1994 01 16.96076	09 40 32.67	+15 15 35.8		098	1994 BR	1994 01 17.03090	10 15 09.57	+19 59 49.3		098
1987 RT ₃	1994 01 18.94849	09 39 04.50	+15 16 36.2	16.0 R	098	1994 BR	1994 01 18.99687	10 13 56.20	+20 14 12.3	17.0 R	098
1987 RT ₃	1994 01 18.97349	09 39 03.29	+15 16 37.2		098	1994 BR	1994 01 19.02326	10 13 55.21	+20 14 22.6		098
1994 AW ₁	1994 01 16.98021	07 05 43.40	+10 05 08.2		098	1994 BS	* 1994 01 17.01354	10 21 29.39	+17 46 20.3		098
1994 AW ₁	1994 01 16.98264	07 05 42.62	+10 04 51.6		098	1994 BS	1994 01 17.03090	10 21 28.97	+17 46 23.7		098
1994 AW ₁	1994 01 16.99028	07 05 40.27	+10 04 08.9		098	1994 BS	1994 01 18.99687	10 20 36.36	+17 58 45.8	17.0 R	098
1994 AW ₁	1994 01 16.99236	07 05 39.67	+10 03 56.9		098	1994 BS	1994 01 19.02326	10 20 35.60	+17 58 54.7		098
1994 BF	* 1994 01 16.94653	09 42 17.27	+11 17 54.7		098	1994 BT	* 1994 01 17.01354	10 22 11.83	+21 44 18.8		098
1994 BF	1994 01 16.96076	09 42 16.70	+11 18 01.8		098	1994 BT	1994 01 17.03090	10 22 11.24	+21 44 22.3		098
1994 BF	1994 01 18.94849	09 41 01.05	+11 34 59.7	15.5 R	098	1994 BT	1994 01 18.99687	10 21 07.14	+21 50 36.2	17.0 R	098
1994 BF	1994 01 18.97349	09 41 00.05	+11 35 13.3		098	1994 BT	1994 01 19.02326	10 21 06.36	+21 50 40.8		098
1994 BG	* 1994 01 16.94653	09 42 21.36	+13 41 41.5	18.0 R	098	1994 BU	* 1994 01 17.01354	10 25 06.28	+20 20 43.2		d 098
1994 BG	1994 01 16.96076	09 42 20.77	+13 41 43.8		098	1994 BU	1994 01 17.03090	10 25 05.45	+20 20 43.7		d 098
1994 BG	1994 01 18.94849	09 41 10.96	+13 47 45.6		098	1994 BU	1994 01 18.99687	10 23 45.00	+20 20 25.0	17 R	d 098
1994 BH	* 1994 01 16.94653	09 47 28.79	+15 34 55.2		098	1994 BU	1994 01 19.02326	10 23 43.85	+20 20 24.7		d 098
1994 BH	1994 01 16.96076	09 47 28.19	+15 35 02.2		098	1994 BZ	* 1994 01 16.94653	09 42 38.76	+16 25 51.5		098
1994 BH	1994 01 18.94849	09 46 30.63	+15 51 33.3	15.5 R	098	1994 BZ	1994 01 16.96076	09 42 38.10	+16 25 54.8		098
1994 BH	1994 01 18.97349	09 46 29.65	+15 51 44.4		098	1994 BZ	1994 01 18.94849	09 41 19.00	+16 32 35.4	17.5 R	098
1994 BJ	* 1994 01 16.94653	09 48 23.85	+14 24 02.8	16.5 R	098	1994 BZ	1994 01 18.97349	09 41 17.86	+16 32 36.9		098
1994 BJ	1994 01 16.96076	09 48 23.16	+14 24 09.4		098	1994 BA ₁	* 1994 01 17.01354	10 19 16.84	+19 24 17.1		098
1994 BJ	1994 01 18.94849	09 47 02.87	+14 40 20.0		098	1994 BA ₁	1994 01 17.03090	10 19 16.12	+19 24 20.3		098
						1994 BA ₁	1994 01 18.99687	10 18 07.53	+19 30 55.8	17.5 R	098

1994 BA ₁	1994 01 19.02326	10 18 06.42	+19 31 00.8	098	1994 AW ₁	1994 01 26.90174	06 29 17.13	-02 55 38.8	104		
1994 BB ₁	* 1994 01 17.01354	10 25 19.16	+20 27 40.0	098	1994 AW ₁	1994 01 26.91318	06 29 15.08	-02 56 19.2	104		
1994 BB ₁	1994 01 17.03090	10 25 18.61	+20 27 47.6	098	1994 AW ₁	1994 01 26.92803	06 29 12.51	-02 57 14.7	104		
1994 BB ₁	1994 01 18.99687	10 24 19.30	+20 43 12.4	17.5 R	098	1994 AW ₁	1994 01 27.84288	06 26 48.22	-03 52 03.3	104	
1994 BB ₁	1994 01 19.02326	10 24 18.46	+20 43 24.1	098	1994 AW ₁	1994 01 27.84688	06 26 47.66	-03 52 18.9	104		
1994 BZ ₂	* 1994 01 16.94653	09 46 59.35	+12 13 28.1	18.3 R	098	1994 AW ₁	1994 01 27.85537	06 26 46.11	-03 52 47.4	104	
1994 BZ ₂	1994 01 16.96076	09 46 58.98	+12 13 29.4	098	1994 AW ₁	1994 01 27.85868	06 26 45.49	-03 53 01.3	104		
1994 BZ ₂	1994 01 18.94849	09 46 31.31	+12 15 25.8	098	1994 BK	1994 01 30.87049	09 41 14.24	+13 44 23.7	17	104	
1994 BZ ₂	1994 01 18.97349	09 46 30.85	+12 15 27.4	098	1994 BK	1994 01 30.87927	09 41 13.71	+13 44 25.9	104		
1994 BA ₃	* 1994 01 17.01354	10 15 11.88	+19 46 50.9	17.8 R	098	1994 BK	1994 01 30.88507	09 41 13.30	+13 44 26.7	104	
1994 BA ₃	1994 01 17.03090	10 15 11.42	+19 46 52.6	098	1994 BK	1994 01 31.92690	09 40 21.25	+13 48 22.1	104		
1994 BA ₃	1994 01 18.99687	10 14 21.30	+19 49 44.7	098	1994 BK	1994 01 31.93056	09 40 21.21	+13 48 22.3	104		
1994 BA ₃	1994 01 19.02326	10 14 20.67	+19 49 46.9	098	1994 BK	1994 01 31.93403	09 40 20.96	+13 48 25.7	104		
(177)	1994 01 16.94653	09 48 39.47	+14 24 44.5	098	1994 BK	1994 01 31.94219	09 40 20.57	+13 48 28.1	104		
(177)	1994 01 16.96076	09 48 38.74	+14 24 47.8	13.5 R	098	1994 BK	1994 01 31.94998	09 40 20.13	+13 48 30.1	104	
(177)	1994 01 18.94849	09 47 11.30	+14 31 56.8	13.5 R	098	1994 BM	1994 01 30.86725	09 41 07.42	+13 41 57.0	17	104
(177)	1994 01 18.97349	09 47 10.04	+14 32 00.8	098	1994 BM	1994 01 30.87049	09 41 07.05	+13 41 57.2	104		
(1002)	1993 09 15.98353	23 37 39.95	+01 15 48.6	13.5	098	1994 BM	1994 01 30.87927	09 41 06.48	+13 41 59.8	104	
(1002)	1993 09 15.99137	23 37 39.44	+01 15 48.1	098	1994 BM	1994 01 30.88507	09 41 05.97	+13 42 00.8	104		
(3404)	1993 09 14.89251	00 13 00.97	+15 48 30.5	16.0	098	1994 BM	1994 01 31.92690	09 40 01.09	+13 43 48.9	104	
(3404)	1993 09 14.93094	00 12 58.94	+15 48 26.0	098	1994 BM	1994 01 31.93056	09 40 00.87	+13 43 49.2	104		
(3735)	1993 09 14.98424	00 02 37.03	+07 09 38.5	16.0	098	1994 BM	1994 01 31.93403	09 40 00.66	+13 43 49.5	104	
(3735)	1993 09 15.00235	00 02 36.18	+07 09 33.7	098	1994 BM	1994 01 31.94219	09 40 00.16	+13 43 50.0	104		
(3735)	1993 09 15.94580	00 01 55.40	+07 06 02.1	098	1994 BM	1994 01 31.94998	09 39 59.59	+13 43 51.4	104		
(5386)	1994 01 17.01354	10 22 18.42	+21 30 18.7	098	(5693)	1994 01 08.87209	00 29 23.77	+04 27 52.8	104		
(5386)	1994 01 17.03090	10 22 17.75	+21 30 27.0	098	(5693)	1994 01 08.87632	00 29 28.37	+04 28 30.9	104		
(5386)	1994 01 18.99687	10 21 14.94	+21 47 28.9	16.5 R	098	(5693)	1994 01 08.88284	00 29 35.14	+04 29 28.9	104	
(5386)	1994 01 19.02326	10 21 14.04	+21 47 42.7	098	(5693)	1994 01 08.88884	00 29 41.48	+04 30 18.7	104		
(5661)	1993 09 14.93094	00 12 51.53	+16 41 19.6	15.0	098	(5693)	1994 01 09.79944	00 45 34.71	+06 42 48.1	104	
(5750)	1993 09 14.98424	00 01 32.67	+07 15 31.5	16.0	098	(5693)	1994 01 09.80353	00 45 38.94	+06 43 23.0	104	
(5750)	1993 09 15.00235	00 01 31.67	+07 15 27.3	098	(5693)	1994 01 09.80672	00 45 42.23	+06 43 50.7	104		
(5750)	1993 09 15.94580	00 00 45.07	+07 13 31.2	098	(5693)	1994 01 09.80856	00 45 44.10	+06 44 06.5	104		
					(5777)	1993 12 04.97014	04 12 55.78	+09 44 04.7	104		
					(5777)	1993 12 04.99410	04 12 54.33	+09 44 09.9	104		
					(5777)	1993 12 06.84757	04 11 08.03	+09 49 10.3	104		
					(5777)	1993 12 06.86319	04 11 07.14	+09 49 12.6	104		
					(5777)	1993 12 06.88333	04 11 05.97	+09 49 16.8	104		

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San
Marcello Pistoiese (PT), Italy

Observers L. Tesi, G. Cattani, A. Boattini, M. Tombelli

0.4-m *f*/5 reflector + CCD

GSC

1991 CX	1994 01 08.97447	07 00 30.89	+18 19 41.2	104
1991 CX	1994 01 08.98545	07 00 30.03	+18 19 41.3	104
1991 CX	1994 01 08.99453	07 00 29.28	+18 19 41.5	104
1992 NM	1994 01 01.99645	08 29 06.51	+18 40 50.6	104
1992 NM	1994 01 02.01204	08 29 05.67	+18 40 54.7	104
1992 NM	1994 01 02.04235	08 29 04.02	+18 41 03.1	104
1992 NM	1994 01 08.92299	08 22 28.99	+19 17 15.6	104
1992 NM	1994 01 08.93656	08 22 28.15	+19 17 20.0	104
1992 NM	1994 01 08.94334	08 22 27.74	+19 17 23.1	104
1994 AW ₁	1994 01 22.79314	06 42 03.42	+01 46 00.2	104
1994 AW ₁	1994 01 22.79752	06 42 02.53	+01 45 42.5	104
1994 AW ₁	1994 01 22.80404	06 42 01.03	+01 45 11.4	104
1994 AW ₁	1994 01 22.82412	06 41 56.55	+01 43 39.2	104
1994 AW ₁	1994 01 26.89640	06 29 18.02	-02 55 18.7	104

107 Cavezzo

E. Colombini, Via S. Vittore 44, I-40136 Bologna, Italy

Observers R. Calanca, R. Bonomi

0.40-m *f*/2.23 reflector + CCD

GSC

1949 PN	1993 12 28.70944	00 01 52.88	+13 05 44.5	107
1949 PN	1993 12 28.73175	00 01 54.47	+13 05 50.6	107
1982 ST	1994 01 15.76177	06 39 39.20	+56 51 28.5	107
1982 ST	1994 01 15.79367	06 39 35.54	+56 51 01.6	107
1987 SZ ₆	1993 12 28.75600	02 27 09.64	+22 24 30.1	107
1987 SZ ₆	1993 12 28.77860	02 27 09.78	+22 24 23.8	107
1987 SZ ₆	1994 01 12.79243	02 32 26.75	+21 41 24.0	107
1987 SZ ₆	1994 01 12.81653	02 32 27.49	+21 41 21.2	107
1989 YB	1994 01 13.75187	03 32 28.58	+22 05 58.2	107
1989 YB	1994 01 13.78512	03 32 29.99	+22 05 53.7	107

1989 YB	1994 01 13.82127	03 32 31.41	+22 05 47.4	107
1990 HF ₁	1994 01 13.85459	06 48 09.76	+09 06 42.6	107
1990 HF ₁	1994 01 13.87931	06 48 08.42	+09 06 53.3	107
1990 HF ₁	1994 01 15.77212	06 46 38.46	+09 20 35.1	107
1990 HF ₁	1994 01 15.80403	06 46 36.85	+09 20 49.5	107
1992 UO ₄	1994 01 15.78023	06 58 45.61	+33 54 20.0	107
1992 UO ₄	1994 01 15.81160	06 58 43.69	+33 54 21.4	107
(1477)	1993 12 02.87515	05 51 46.93	+46 55 07.6	107
(1477)	1993 12 02.89049	05 51 46.00	+46 55 06.2	107
(1477)	1993 12 04.94115	05 49 37.43	+46 51 41.4	107
(1477)	1993 12 04.98705	05 49 34.34	+46 51 33.2	107
(1728)	1993 12 02.91150	02 58 40.64	+17 58 22.4	107
(1728)	1993 12 02.92140	02 58 40.24	+17 58 18.2	107
(1728)	1993 12 04.86153	02 57 21.13	+17 46 57.9	107
(1728)	1993 12 04.88523	02 57 20.07	+17 46 48.2	107
(2323)	1993 12 04.85289	02 11 32.87	+18 02 06.9	107
(2323)	1993 12 04.87753	02 11 32.19	+18 02 03.3	107
(2337)	1993 11 30.85587	04 39 28.50	+37 01 42.4	107
(2337)	1993 11 30.88319	04 39 26.71	+37 01 50.0	107
(2337)	1993 12 04.91499	04 34 12.16	+37 23 31.3	107
(2337)	1993 12 04.95815	04 34 08.89	+37 23 42.1	107
(2699)	1993 11 30.80855	03 18 32.14	+15 16 00.2	107
(2699)	1993 11 30.82868	03 18 30.79	+15 16 08.2	107
(2699)	1993 12 02.82462	03 16 32.12	+15 25 53.7	107
(2699)	1993 12 02.85325	03 16 30.45	+15 26 02.4	107
(2699)	1993 12 04.86684	03 14 36.21	+15 36 01.1	107
(2699)	1993 12 04.88965	03 14 34.89	+15 36 07.7	107
(3178)	1993 12 02.83322	05 38 45.84	+19 37 20.5	107
(3178)	1993 12 02.86278	05 38 44.57	+19 37 07.0	107
(3178)	1993 12 04.92785	05 37 16.71	+19 21 01.3	107
(3178)	1993 12 04.97415	05 37 14.49	+19 20 37.9	107
(4324)	1993 12 02.87004	03 39 36.22	+30 48 02.1	107
(4324)	1993 12 02.88412	03 39 35.46	+30 47 54.8	107
(4324)	1993 12 04.87233	03 37 54.60	+30 31 35.6	107
(4324)	1993 12 04.89910	03 37 53.23	+30 31 22.7	107
(5745)	1993 12 17.83017	03 05 49.77	+24 25 01.6	107
(5745)	1993 12 18.77285	03 05 33.75	+24 24 13.3	107
(5745)	1993 12 18.79465	03 05 33.35	+24 24 12.8	107
(5747)	1993 12 28.71570	00 33 25.16	+31 50 45.3	107
(5747)	1993 12 28.73792	00 33 27.59	+31 50 32.2	107
(5747)	1994 01 12.80950	01 01 48.34	+29 44 11.0	107
(5777)	1993 12 11.95297	04 06 31.30	+10 05 28.7	107
(5777)	1993 12 11.97831	04 06 30.34	+10 05 34.8	107
(5777)	1993 12 12.76792	04 05 50.77	+10 08 25.1	107
(5777)	1993 12 12.78951	04 05 49.62	+10 08 30.3	107
(5806)	1994 01 13.75846	03 34 41.18	+40 22 44.3	107
(5806)	1994 01 13.79405	03 34 42.38	+40 22 04.4	107
(5824)	1994 01 13.77769	04 44 50.78	+32 13 56.2	107
(5824)	1994 01 13.81292	04 44 49.76	+32 13 35.2	107
(5825)	1994 01 13.83634	04 59 03.95	+06 30 01.2	107
(5825)	1994 01 13.86146	04 59 03.05	+06 30 16.3	107

108 Montelupo

M. Tombelli, Via Bozzeto 26, I-50056 Montelupo (Fi), Italy

Observers M. Tombelli, A. Boattini

0.20-m *f*/10 reflector + CCD

GSC

1994 BF	1994 01 23.00812	09 38 07.14	+12 11 56.4	108
1994 BF	1994 01 23.01212	09 38 06.83	+12 11 58.0	108
1994 BF	1994 01 23.04302	09 38 05.40	+12 12 15.2	108
1994 BF	1994 01 23.04746	09 38 05.21	+12 12 18.6	108
1994 BH	1994 01 23.08451	09 44 09.58	+16 27 31.5	108
1994 BH	1994 01 23.08848	09 44 09.46	+16 27 34.4	108
1994 BH	1994 01 23.11865	09 44 08.23	+16 27 50.3	108
1994 BH	1994 01 23.12469	09 44 08.00	+16 27 53.3	108
1994 BH	1994 01 29.86319	09 39 29.88	+17 29 45.5	108
1994 BH	1994 01 29.87422	09 39 29.32	+17 29 52.0	108
1994 BH	1994 01 29.88229	09 39 28.80	+17 29 55.9	108
1994 BH	1994 01 29.89133	09 39 28.46	+17 30 02.1	108
1994 BK	1994 01 23.02046	09 47 21.06	+13 16 21.5	108
1994 BK	1994 01 23.02458	09 47 20.70	+13 16 21.9	108
1994 BK	1994 01 23.05760	09 47 19.42	+13 16 29.0	108
1994 BK	1994 01 23.06369	09 47 19.18	+13 16 31.2	108
1994 BL	1994 01 23.02890	09 47 58.26	+13 08 40.7	108
1994 BL	1994 01 23.03385	09 47 57.94	+13 08 42.2	108
1994 BL	1994 01 23.07108	09 47 56.08	+13 08 47.5	108
1994 BL	1994 01 23.07626	09 47 55.73	+13 08 48.6	108
1994 BT	1994 01 22.94969	10 18 38.94	+22 03 30.4	108
1994 BT	1994 01 22.95567	10 18 38.65	+22 03 32.9	108
1994 BT	1994 01 22.97830	10 18 37.80	+22 03 38.9	108
1994 BT	1994 01 22.98375	10 18 37.48	+22 03 40.7	108
1994 BT	1994 01 22.98868	10 18 37.31	+22 03 40.9	108
(652)	1993 11 28.09884	06 16 27.91	+21 50 40.2	108
(5386)	1994 01 22.93735	10 18 48.38	+22 22 45.3	108
(5386)	1994 01 22.94260	10 18 48.30	+22 22 47.7	108
(5386)	1994 01 22.96483	10 18 47.30	+22 22 58.6	108
(5386)	1994 01 22.97326	10 18 46.88	+22 23 02.6	108
(5386)	1994 01 22.99341	10 18 46.08	+22 23 14.4	108
(5774)	1993 11 27.97472	05 26 44.10	+37 05 00.9	15.3 108
(5774)	1993 11 27.99275	05 26 42.46	+37 05 00.0	108

303 Mérida

O. A. Naranjo, Dept. de Física, Universidad de los Andes, Mérida 5101, Venezuela

Observer O. A. Naranjo

1.0-m Schmidt

1994 BO ₄	* 1994 01 21.26944	10 15 47.58	+12 22 48.2	17	303
1994 BO ₄	1994 01 21.28333	10 15 47.27	+12 22 53.9	17	303
1994 BO ₄	1994 01 21.29722	10 15 47.01	+12 23 00.4	17	303
1994 BO ₄	1994 01 22.31875	10 15 18.98	+12 31 32.4	17	303
1994 BP ₄	* 1994 01 21.26944	10 16 15.41	+11 16 04.5	17	303
1994 BP ₄	1994 01 21.28333	10 16 15.05	+11 16 09.6	17	303
1994 BP ₄	1994 01 21.29722	10 16 14.72	+11 16 15.7	17	303
1994 BP ₄	1994 01 22.30486	10 15 48.82	+11 22 45.4	17	303
1994 BP ₄	1994 01 22.31875	10 15 48.41	+11 22 50.7	17	303

1994 BP ₄	1994 01 22.33264	10 15 48.05	+11 22 55.7	17	303	(3483)	1992 12 19.17361	03 35 36.46	+06 13 41.5	15	303
1994 BQ ₄	* 1994 01 21.26944	10 16 15.80	+11 15 00.8	16	303	(4076)	1994 01 21.26944	10 17 17.66	+11 33 20.2	16	303
1994 BQ ₄	1994 01 21.28333	10 16 15.14	+11 14 59.7	16	303	(4076)	1994 01 21.28333	10 17 17.22	+11 33 22.5	16	303
1994 BQ ₄	1994 01 21.29722	10 16 14.52	+11 14 58.2	16	303	(4076)	1994 01 21.29722	10 17 16.73	+11 33 25.2	16	303
1994 BQ ₄	1994 01 22.30486	10 15 31.88	+11 13 05.3	16	303	(4076)	1994 01 22.30486	10 16 41.42	+11 36 30.3	16	303
1994 BQ ₄	1994 01 22.31875	10 15 31.28	+11 13 03.3	16	303	(4076)	1994 01 22.31875	10 16 40.95	+11 36 32.8	16	303
1994 BQ ₄	1994 01 22.33264	10 15 30.77	+11 13 02.5	16	303	(4076)	1994 01 22.33264	10 16 40.48	+11 36 35.7	16	303
1994 BR ₄	* 1994 01 21.26944	10 17 45.74	+12 27 16.8	17	303	(4422)	1994 01 21.26944	10 14 47.01	+09 30 31.6	16	303
1994 BR ₄	1994 01 21.28333	10 17 45.27	+12 27 18.4	17	303	(4422)	1994 01 21.28333	10 14 46.43	+09 30 36.0	16	303
1994 BR ₄	1994 01 21.29722	10 17 44.80	+12 27 21.0	17	303	(4422)	1994 01 22.30486	10 14 03.59	+09 36 15.0	16	303
1994 BR ₄	1994 01 22.31875	10 17 06.61	+12 30 02.6	17	303	(4422)	1994 01 22.31875	10 14 03.04	+09 36 20.9	16	303
(130)	1994 01 21.26944	10 12 46.74	+09 21 00.4	12	303	(4853)	1992 12 18.12014	03 36 53.46	+07 24 00.0	17	303
(130)	1994 01 21.28333	10 12 46.27	+09 21 06.1	12	303	(4853)	1992 12 18.13398	03 36 52.96	+07 24 01.5	17	303
(130)	1994 01 21.29722	10 12 45.80	+09 21 13.5	12	303	(4853)	1992 12 18.14781	03 36 52.36	+07 24 02.7	17	303
(130)	1994 01 22.30486	10 12 13.46	+09 29 03.9	12	303	(4853)	1992 12 19.14583	03 36 14.51	+07 24 55.6	17	303
(130)	1994 01 22.31875	10 12 13.01	+09 29 11.6	12	303	(4853)	1992 12 19.15972	03 36 13.89	+07 24 55.8	17	303
(130)	1994 01 22.33264	10 12 12.48	+09 29 19.6	12	303	(4853)	1992 12 19.17361	03 36 13.48	+07 24 55.0	17	303
(210)	1994 01 21.36076	14 35 57.59	-14 14 09.8	14	303	(4859)	1993 11 13.14769	03 43 37.48	+07 32 52.4	16	303
(210)	1994 01 22.40590	14 36 50.73	-14 19 06.7	14	303	(4859)	1993 11 13.16157	03 43 36.60	+07 32 50.3	16	303
(453)	1994 01 21.36076	14 26 38.61	-14 16 38.1	14	303	(4859)	1993 11 13.17546	03 43 35.66	+07 32 48.6	16	303
(453)	1994 01 22.40590	14 28 19.00	-14 27 12.0	14	303	(4859)	1993 11 15.17106	03 41 34.74	+07 28 21.4	16	303
(593)	1993 11 13.14769	03 37 42.36	+06 43 22.4	13	303	(4916)	1994 01 21.26944	10 16 44.07	+09 00 54.8	16	303
(593)	1993 11 13.16157	03 37 41.32	+06 43 25.1	13	303	(4916)	1994 01 21.28333	10 16 43.62	+09 01 00.5	16	303
(593)	1993 11 13.17546	03 37 40.46	+06 43 29.2	13	303	(4916)	1994 01 21.29722	10 16 43.18	+09 01 05.9	16	303
(593)	1993 11 15.17106	03 35 27.62	+06 51 42.5	13	303	(4916)	1994 01 22.30486	10 16 13.51	+09 06 48.5	16	303
(710)	1994 01 21.26944	10 07 35.41	+11 34 53.9	16	303	(4916)	1994 01 22.31875	10 16 13.13	+09 06 54.2	16	303
(710)	1994 01 21.28333	10 07 34.96	+11 34 56.5	16	303	(4916)	1994 01 22.33264	10 16 12.75	+09 06 58.8	16	303
(710)	1994 01 21.29722	10 07 34.40	+11 35 00.1	16	303						
(710)	1994 01 22.30486	10 07 01.19	+11 38 29.2	16	303						
(710)	1994 01 22.31875	10 07 00.70	+11 38 32.0	16	303						
(710)	1994 01 22.33264	10 07 00.27	+11 38 35.6	16	303						
(2126)	1994 01 21.26944	10 19 51.82	+12 24 14.7	16	303						
(2126)	1994 01 21.28333	10 19 51.12	+12 24 16.3	16	303						
(2126)	1994 01 21.29722	10 19 50.44	+12 24 16.9	16	303						
(2126)	1994 01 22.30486	10 19 04.56	+12 25 11.7	16	303						
(2126)	1994 01 22.31875	10 19 03.97	+12 25 12.8	16	303						
(2126)	1994 01 22.33264	10 19 03.15	+12 25 13.9	16	303						
(2273)	1994 01 21.26944	10 22 34.82	+10 51 00.2	16	303						
(2273)	1994 01 21.28333	10 22 34.45	+10 51 02.3	16	303						
(2273)	1994 01 21.29722	10 22 34.01	+10 51 05.3	16	303						
(2273)	1994 01 22.30486	10 22 04.23	+10 54 12.7	16	303						
(2273)	1994 01 22.31875	10 22 03.76	+10 54 15.3	16	303						
(2273)	1994 01 22.33264	10 22 03.33	+10 54 19.9	16	303						
(2304)	1993 11 13.14769	03 38 22.79	+06 46 19.2	17	303						
(2304)	1993 11 13.16157	03 38 22.01	+06 46 12.7	17	303						
(2304)	1993 11 13.17546	03 38 21.26	+06 46 08.0	17	303						
(2304)	1993 11 15.17106	03 36 35.37	+06 33 18.8	17	303						
(3483)	1992 12 18.12014	03 36 37.66	+05 50 56.1	15	303						
(3483)	1992 12 18.13398	03 36 36.76	+05 51 15.7	15	303						
(3483)	1992 12 18.14781	03 36 35.93	+05 51 32.3	15	303						
(3483)	1992 12 19.14583	03 35 38.02	+06 13 05.6	15	303						
(3483)	1992 12 19.15972	03 35 37.26	+06 13 24.2	15	303						
323 Perth							A. Verwee, Perth Observatory, Bickley, WA 6076, Australia				
							Observers G. Lowe, A. Verwee				
							0.3-m astrograph				
							1988 AW ₁	1986 10 07.60625	22 36 31.88	+07 55 19.4	323
							1992 LR	1992 08 28.56771	21 54 23.50	+05 21 08.6	323
							(1)	1992 09 15.55677	20 02 48.37	-31 33 22.2	323
							(12)	1991 02 05.61875	06 57 06.57	+12 18 31.1	323
							(15)	1991 06 06.50833	09 15 43.35	+08 07 28.3	323
							(30)	1993 12 13.66181	05 51 36.44	+26 02 45.5	323
							(30)	1993 12 13.68472	05 51 34.83	+26 02 43.8	323
							(30)	1993 12 14.62639	05 50 30.06	+26 01 40.7	323
							(30)	1993 12 14.63403	05 50 29.49	+26 01 40.3	323
							(30)	1993 12 14.64167	05 50 28.95	+26 01 39.9	323
							(66)	1990 02 19.77708	11 56 54.75	+01 56 33.8	323
							(66)	1991 07 10.53507	15 59 32.86	-24 29 42.0	323
							(66)	1991 07 14.57465	15 58 18.90	-24 23 09.9	323
							(97)	1994 01 13.67292	07 10 30.56	+05 32 01.2	323
							(105)	1993 12 10.62431	04 29 23.30	-07 04 19.7	323
							(105)	1993 12 17.67153	04 23 05.03	-07 14 07.4	323
							(125)	1990 09 20.57917	22 43 28.77	-07 38 00.3	323
							(129)	1994 01 17.62951	06 09 58.26	+13 13 13.3	323
							(132)	1991 05 10.65243	16 39 45.74	-35 46 18.3	323
							(226)	1990 12 11.63194	03 30 27.49	-03 35 22.7	323
							(243)	1990 09 20.57917	22 45 03.31	-07 14 54.2	323

(286)	1993 12 10.76667	04 28 38.20	-03 47 12.9	323
(286)	1993 12 17.70347	04 23 36.22	-03 33 10.7	323
(360)	1990 12 10.75278	05 28 32.17	+07 54 59.4	323
(360)	1990 12 20.59375	05 19 50.81	+08 25 19.5	323
(360)	1991 01 10.59236	05 05 10.26	+10 14 14.2	323
(372)	1992 07 22.55903	15 29 25.89	-46 53 21.7	323
(433)	1991 07 10.50069	15 29 39.46	-33 01 40.5	323
(433)	1991 07 14.53681	15 31 58.11	-32 08 21.7	323
(433)	1991 08 13.55382	16 05 30.14	-27 48 21.7	323
(433)	1991 08 30.56910	16 33 01.42	-26 30 50.8	323
(433)	1991 09 05.50000	16 43 33.88	-26 09 27.4	323
(433)	1991 09 09.47431	16 50 51.67	-25 56 01.6	323
(433)	1991 09 10.47431	16 52 43.39	-25 52 44.1	323
(433)	1991 10 09.49236	17 50 35.79	-24 14 41.7	323
(433)	1991 10 29.50834	18 33 36.77	-22 44 33.2	323
(449)	1991 07 10.46771	13 56 54.30	-09 48 43.2	323
(449)	1991 07 14.50243	13 59 40.04	-10 10 01.0	323
(456)	1992 01 10.77639	08 07 29.52	-00 16 57.6	323
(472)	1991 12 03.60672	02 24 51.48	-11 11 34.6	323
(564)	1992 10 20.48611	21 15 47.72	-39 26 47.8	323
(795)	1991 09 10.57917	21 01 15.50	-40 49 38.8	323
(892)	1992 01 10.68264	06 51 44.21	-06 47 24.7	323
(909)	1990 11 21.64722	03 34 17.84	-08 10 03.1	323
(1139)	1990 02 19.72083	09 54 10.03	-12 57 02.6	323
(1139)	1990 02 22.71944	09 51 04.56	-12 16 39.5	323
(1166)	1991 09 10.63056	21 43 12.62	-38 24 58.3	323
(1263)	1992 12 23.64722	01 41 42.49	-24 32 38.3	323
(1593)	1991 10 01.58264	21 37 40.49	-28 40 24.2	323
(1593)	1991 11 07.56181	22 25 00.03	-23 28 03.9	323
(1627)	1990 09 13.49375	18 00 27.97	-29 27 29.3	323
(1627)	1990 09 20.54034	18 39 12.59	-31 14 11.2	323
(1627)	1994 01 10.62431	05 22 17.27	+14 16 06.0	323
(1656)	1992 12 16.64965	01 24 09.88	-22 23 38.9	323
(1656)	1992 12 22.55694	01 29 23.70	-21 32 35.9	323
(1709)	1991 08 14.59444	21 14 15.41	-10 21 48.4	323
(1709)	1991 10 09.52743	21 01 40.38	-08 15 30.6	323
(1816)	1992 12 22.70833	05 37 01.04	-21 44 59.4	323
(1816)	1992 12 23.68750	05 36 02.73	-21 37 28.1	323
(2062)	1994 01 07.59514	02 52 47.97	-03 43 51.2	323
(2146)	1986 09 30.79653	04 30 07.99	-23 57 23.2	323
(3103)	1991 08 13.71181	03 52 42.24	-30 37 31.8	323
(3753)	1992 10 27.66111	04 39 04.26	-56 55 50.5	323
(4179)	1992 08 21.52431	19 19 58.30	-22 21 22.5	323
(4179)	1992 08 28.53056	19 07 26.13	-22 49 08.7	323
(4179)	1992 12 22.77917	08 48 23.20	+15 01 54.0	323
(4179)	1992 12 23.73889	08 44 48.82	+15 29 41.1	323
(4969)	1991 12 03.65000	06 00 22.19	-33 57 51.9	323
(4969)	1991 12 04.69792	05 59 50.22	-34 11 15.7	323
(4969)	1991 12 06.61319	05 58 48.05	-34 33 47.8	323
(5627)	1991 07 11.55972	19 41 43.21	-52 00 31.7	323
(5627)	1991 07 14.66875	19 36 13.42	-53 02 22.0	323

360 Kuma Kogen Astronomical Observatory

A. Nakamura, Shimo-Hatanokawa, Kuma-cho, Ehime-Ken, 791-12 Japan

Observer A. Nakamura

0.60-m $f/6.0$ Ritchey-Chrétien + CCD

GSC

1994 AB ₁	1994 01 30.52448	07 38 21.22	+31 12 53.8	17.3 V	360
1994 AB ₁	1994 01 30.53090	07 38 21.08	+31 12 53.3		360
1994 AB ₁	1994 01 30.53663	07 38 20.97	+31 12 52.8		360
1994 AB ₁	1994 02 03.58802	07 37 29.40	+31 02 54.2	17.4 V	360
1994 AB ₁	1994 02 03.60833	07 37 29.11	+31 02 50.5		360
1994 AK ₁	1994 01 30.51019	06 28 21.21	+22 35 58.4	16.4 V	360
1994 AK ₁	1994 01 30.51215	06 28 21.10	+22 35 55.4		360
1994 AL ₁	1994 01 25.44965	06 41 28.26	+39 44 36.8	17.0 V	360
1994 AL ₁	1994 01 25.45243	06 41 27.97	+39 44 41.5		360
1994 AL ₁	1994 01 30.51736	06 34 18.61	+42 01 13.7	17.1 V	360
1994 AL ₁	1994 01 30.51910	06 34 18.47	+42 01 16.1		360
1994 AW ₁	1994 01 25.47760	06 33 22.16	-01 24 35.2	16.8 V	360
1994 AW ₁	1994 01 25.48229	06 33 21.28	-01 24 53.8		360
1994 AW ₁	1994 01 30.50116	06 20 32.95	-06 16 14.7	17.1 V	360
1994 AW ₁	1994 01 30.50255	06 20 32.77	-06 16 18.7		360
1994 AH ₂	1994 01 25.41875	03 01 33.73	+02 41 14.5	18.4 V	360
1994 AH ₂	1994 01 25.42708	03 01 33.63	+02 41 18.2		360
1994 AH ₂	1994 01 30.45139	03 01 44.03	+03 21 28.2	18.2 V	360
1994 AH ₂	1994 01 30.45347	03 01 44.08	+03 21 28.4		360

365 Uto Observatory

12-1 Shirakashi Cho 7 Chome, Kashihara, Nara-Ken, Japan

Observer F. Uto

0.20-m $f/4.0$ reflector

PPM

1991 FE ₁	1994 01 15.66563	08 31 07.11	+19 46 28.7	16.5	365
1991 FE ₁	1994 01 15.69144	08 31 05.16	+19 46 29.9		365
1991 FE ₁	1994 01 16.60382	08 30 03.23	+19 48 20.4		365
1991 FE ₁	1994 01 16.62813	08 30 01.27	+19 48 21.9		365
1994 AV ₁	1994 01 15.72118	08 37 19.37	+18 42 59.1	17.5	365
1994 AV ₁	1994 01 15.73646	08 37 18.32	+18 42 58.7		365
1994 AV ₁	1994 01 16.64271	08 36 23.33	+18 42 10.9		365
1994 AV ₁	1994 01 16.67188	08 36 21.47	+18 42 10.1		365

367 Yatsuka

H. Abe, 461-2, Futago, Yatsuka-Cho, Shimane-Ken 690-14, Japan

0.26-m $f/4.8$ reflector

PPM

(2949)	1993 11 14.67406	01 16 07.12	+01 21 50.0		367
(2949)	1993 11 14.69166	01 16 06.65	+01 21 46.7		367
(2949)	1993 11 15.52416	01 15 44.50	+01 19 58.5		367
(2949)	1993 11 15.54091	01 15 44.12	+01 19 55.9		367
(4003)	1993 11 14.68300	01 19 10.77	+06 07 53.5		367
(4003)	1993 11 14.70016	01 19 10.43	+06 07 49.4		367
(4003)	1993 11 15.51532	01 18 49.24	+06 05 08.5		367
(4003)	1993 11 15.53244	01 18 48.80	+06 05 05.8		367

372 Geisei

T. Seki, Kamimachi 2-9-35, Kochi, Japan

0.60-m $f/3.5$ reflector

ACRS

1983 AB	1994 01 21.72535	08 42 59.03	+21 59 10.3	17	372
1983 AB	1994 01 21.73507	08 42 58.45	+21 59 14.2		372
1986 UY	1993 12 22.78333	08 02 29.84	+29 03 21.7	18	372
1986 UY	1993 12 22.79444	08 02 29.39	+29 03 25.7		372
1986 UY	1993 12 25.82326	07 59 34.03	+29 12 42.9	17.5	372
1986 UY	1993 12 25.83299	07 59 33.34	+29 12 43.7		372
1990 BZ	1994 01 21.74583	08 12 52.02	+24 16 32.5	16.5	372
1990 BZ	1994 01 21.75556	08 12 51.31	+24 16 30.7		372
1990 QM	1993 04 14.65868	12 10 42.76	+01 28 25.5	18	372
1990 QM	1993 04 14.66875	12 10 42.24	+01 28 28.9		372
1991 CN ₁	1993 11 15.63333	02 28 21.13	+12 27 46.6	17	372
1991 EU	1994 02 03.53368	06 58 34.08	+24 59 44.9	17	372
1991 EU	1994 02 03.54306	06 58 33.66	+24 59 47.8		372
1991 FT	1994 01 21.70313	09 04 09.97	+27 18 03.4	18	372
1991 FT	1994 01 21.71354	09 04 09.33	+27 18 05.3		372
1991 GA	1993 12 12.70764	05 16 28.19	+32 05 00.5	17	372
1991 GA	1993 12 22.68958	05 04 31.43	+32 09 20.8	17	372
1992 OV ₆	1993 11 24.76389	03 55 15.50	+18 45 49.8	17.5	372
1992 OV ₆	1993 12 06.41458	03 45 06.73	+18 11 06.7	18	372
1992 OV ₆	1993 12 06.42500	03 45 06.27	+18 11 05.9		372
1993 UU	1993 12 06.49028	02 39 53.43	+15 23 39.2	16	372
1993 UU	1993 12 06.50001	02 39 53.17	+15 23 42.1		372
1993 VP ₂	1993 12 06.43611	03 46 43.33	+12 00 41.4	17.5	372
1993 VP ₂	1993 12 06.44479	03 46 43.08	+12 00 39.5		372
1994 AC	1993 12 06.60278	06 53 02.59	+21 29 02.3	17	372
1994 AC	1993 12 06.61597	06 53 01.72	+21 29 01.9		372
1994 AC	1993 12 06.62917	06 53 01.00	+21 29 02.0		372
1994 AB ₁	1993 12 22.78333	08 05 40.14	+28 47 38.6	16	372
1994 AB ₁	1993 12 22.79444	08 05 39.64	+28 47 45.8		372
1994 AB ₁	1993 12 25.82326	08 03 53.96	+29 16 58.8	16	372
1994 AB ₁	1993 12 25.83299	08 03 53.66	+29 17 05.8		372
(1316)	1993 12 06.57916	04 34 20.93	+08 46 40.7	15.5	372
(1316)	1993 12 06.58888	04 34 20.43	+08 46 26.5		372
(2885)	1994 01 21.72535	08 42 33.33	+22 03 27.7	17	372
(2885)	1994 01 21.73507	08 42 32.60	+22 03 29.7		372
(4363)	1993 12 12.78785	07 50 31.50	+25 09 38.3	17	372
(4363)	1993 12 14.64583	07 49 13.76	+25 23 32.9	16.5	372
(5815)	1993 12 12.62708	04 15 12.17	+03 48 48.7	17.5	372
(5815)	1993 12 12.63681	04 15 11.81	+03 48 52.1		372
(5824)	1993 12 12.71944	05 11 58.62	+36 40 47.5	16	372
(5824)	1993 12 12.72951	05 11 57.99	+36 40 43.9		372
(5824)	1993 12 22.65938	05 00 49.03	+35 29 20.7	16.5	372
(5824)	1993 12 22.67778	05 00 47.68	+35 29 13.1		372

376 Uenohara

N. Kawasato, 3-11-10, Hana-Koganei, Kodaira, Tokyo 187, Japan

0.30-m reflector + CCD

GSC

1989 XB	1994 01 14.70098	09 57 26.41	+11 38 46.1		376
1989 XB	1994 01 15.68657	09 56 56.69	+11 46 08.1		376
1989 XB	1994 01 15.69838	09 56 56.26	+11 46 11.8		376
1989 XB	1994 01 15.71250	09 56 55.74	+11 46 19.1		376
1992 VC	1994 01 19.58391	09 26 22.04	+35 29 02.0		376
1992 VC	1994 01 19.59641	09 26 21.45	+35 29 09.4		376
1992 WW ₅	1994 01 19.66094	09 58 00.00	+10 38 43.0		376
1992 WW ₅	1994 01 19.67257	09 57 59.44	+10 38 45.3		376
1994 AQ ₃	* 1994 01 15.63623	08 45 32.71	+20 55 23.4	18.1 V	376
1994 AQ ₃	1994 01 15.73171	08 45 26.48	+20 55 25.7		376
1994 AQ ₃	1994 01 15.74358	08 45 25.71	+20 55 28.1		376
1994 AQ ₃	1994 01 19.55249	08 41 23.70	+21 00 35.1		376
1994 AQ ₃	1994 01 19.56389	08 41 22.88	+21 00 38.4		376
1994 AQ ₃	1994 01 19.57309	08 41 22.32	+21 00 38.6		376
(2090)	1994 02 02.63669	11 04 25.71	+07 15 30.9		376
(2090)	1994 02 05.64722	11 02 34.12	+07 20 08.6		376
(2090)	1994 02 05.67176	11 02 33.17	+07 20 08.6		376

381 Kiso

I. Sato, National Astronomical Observatory, Mitaka, Tokyo 181, Japan

Observers I. Sato, J. Watanabe, M. Sekiguchi, M. Abe, S. Miyazaki, Y. Hirota,

T. Seiyano, M. Yoshizawa

Measurer I. Sato

1.05-m $f/3.1$ Schmidt + CCD

GSC

1993 XX ₂	* 1993 12 14.53544	05 24 02.67	+21 43 25.7	19.5 R	381
1993 XX ₂	1993 12 14.57125	05 24 00.61	+21 43 23.2	19.3 R	381
1993 XX ₂	1993 12 14.60473	05 23 58.60	+21 43 22.2	19 R	I 381
1993 XX ₂	1993 12 15.60726	05 23 02.70	+21 42 22.8	19.3 R	381
1993 XX ₂	1993 12 15.64307	05 23 00.56	+21 42 20.6	19.3 R	381
1993 XX ₂	1993 12 15.69206	05 22 57.78	+21 42 17.5	19.4 R	381
1993 XY ₂	* 1993 12 14.53544	05 24 11.61	+21 43 40.2	19.2 R	381
1993 XY ₂	1993 12 14.57125	05 24 09.55	+21 43 40.2	18.7 R	381
1993 XY ₂	1993 12 14.60473	05 24 07.55	+21 43 39.2	19.3 R	381
1993 XY ₂	1993 12 15.60726	05 23 10.86	+21 43 19.3	19 R	F 381
1993 XY ₂	1993 12 15.64307	05 23 08.72	+21 43 18.9	19.1 R	381
1993 XY ₂	1993 12 15.69206	05 23 05.89	+21 43 17.6	19.0 R	381
1993 XZ ₂	* 1993 12 14.53544	05 24 17.51	+21 40 02.2	18 R	I 381
1993 XZ ₂	1993 12 14.57125	05 24 15.16	+21 40 02.4	17.7 R	381
1993 XZ ₂	1993 12 14.60473	05 24 12.94	+21 40 03.5	18 R	I 381
1993 XZ ₂	1993 12 15.60726	05 23 09.60	+21 40 04.3	18.2 R	381
1993 XZ ₂	1993 12 15.64307	05 23 07.22	+21 40 04.4	18.1 R	381
1993 XZ ₂	1993 12 15.69206	05 23 04.01	+21 40 04.1	18.0 R	381
1993 XA ₃	* 1993 12 14.53544	05 24 18.12	+21 47 20.0	17.9 R	381
1993 XA ₃	1993 12 14.57125	05 24 15.27	+21 47 16.2	18 R	I 381
1993 XA ₃	1993 12 14.60473	05 24 12.69	+21 47 11.9	18.3 R	381
1993 XA ₃	1993 12 15.60726	05 22 58.56	+21 45 15.3	18.3 R	381
1993 XA ₃	1993 12 15.64307	05 22 55.78	+21 45 11.1	18.3 R	381
1993 XA ₃	1993 12 15.69206	05 22 52.01	+21 45 05.6	18 R	I 381
1993 XB ₃	* 1993 12 14.53544	05 27 40.16	+24 15 55.1	19.2 R	381
1993 XB ₃	1993 12 14.57125	05 27 37.98	+24 15 52.7	19.0 R	381
1993 XB ₃	1993 12 14.60473	05 27 35.69	+24 15 50.5	19.2 R	381
1993 XB ₃	1993 12 15.60726	05 26 32.65	+24 14 39.9	19.1 R	381

1993 XB ₃	1993 12 15.64307	05 26 30.21	+24 14 39.1	19 R	I 381	1986 UG	1994 02 07.61869	08 37 00.86	+18 36 54.5		385
1993 XB ₃	1993 12 15.69206	05 26 27.17	+24 14 33.7	19.0 R	381	1986 UG	1994 02 07.62153	08 37 00.69	+18 36 55.8		385
1993 XC ₃	* 1993 12 14.55325	05 24 26.09	+23 34 45.4	19.8 R	381	1989 YR	1994 01 16.64514	10 32 58.87	+11 25 37.2	17 V	385
1993 XC ₃	1993 12 14.58766	05 24 23.52	+23 34 46.7	19.6 R	381	1989 YR	1994 01 16.64965	10 32 58.79	+11 25 37.9		385
1993 XC ₃	1993 12 15.62351	05 23 13.42	+23 35 29.8	20 R	I 381	1989 YR	1994 01 19.68703	10 31 58.79	+11 39 55.7	16.8 V	385
1993 XC ₃	1993 12 15.65928	05 23 11.07	+23 35 27.2	20 R	I 381	1989 YR	1994 01 19.68994	10 31 58.71	+11 39 56.8		385
1993 XC ₃	1993 12 15.71560	05 23 07.26	+23 35 29.0	20.1 R	381	1989 YR	1994 01 19.69284	10 31 58.62	+11 39 56.9		385
1993 XD ₃	* 1993 12 14.55325	05 24 37.01	+21 28 53.9	18.6 R	381	1989 YR	1994 02 02.60573	10 23 49.74	+13 04 32.2	16.8 V	385
1993 XD ₃	1993 12 14.58766	05 24 34.97	+21 28 51.8	18.4 R	381	1989 YR	1994 02 02.60875	10 23 49.57	+13 04 32.7		385
1993 XD ₃	1993 12 14.62201	05 24 32.90	+21 28 50.1	18 R	I 381	1989 YR	1994 02 02.61463	10 23 49.26	+13 04 35.9		385
1993 XD ₃	1993 12 15.71560	05 23 30.34	+21 27 40.7	18.2 R	381	1991 DM ₁	1994 01 02.56199	05 32 52.57	+04 38 18.7	17 V	385
1993 XE ₃	* 1993 12 14.55325	05 24 37.47	+21 58 32.0	18 R	I 381	1991 DM ₁	1994 01 02.56507	05 32 52.39	+04 38 19.5		385
1993 XE ₃	1993 12 14.58766	05 24 34.97	+21 58 33.2	18.3 R	381	1991 DM ₁	1994 01 02.56801	05 32 52.27	+04 38 19.9		385
1993 XE ₃	1993 12 14.62201	05 24 32.46	+21 58 36.5	18 R	I 381	1991 DM ₁	1994 01 07.53162	05 28 57.60	+04 54 12.2	17 V	385
1993 XE ₃	1993 12 15.62351	05 23 22.45	+21 59 52.3	18.4 R	381	1991 DM ₁	1994 01 07.54588	05 28 56.90	+04 54 15.0		385
1993 XE ₃	1993 12 15.65928	05 23 19.87	+21 59 55.1	18.5 R	381	1991 JA	1994 01 16.61780	10 28 06.27	+22 59 11.4	17 V	385
1993 XE ₃	1993 12 15.71560	05 23 15.79	+21 59 58.8	18.6 R	381	1991 JA	1994 01 16.62328	10 28 06.15	+22 59 13.8		385
1993 XF ₃	* 1993 12 14.55325	05 24 42.73	+21 36 30.3	19 R	I 381	1991 JA	1994 01 19.66194	10 26 44.62	+23 21 54.2	17 V	385
1993 XF ₃	1993 12 14.58766	05 24 40.52	+21 36 33.6	19.1 R	381	1991 JA	1994 01 19.66572	10 26 44.47	+23 21 55.4		385
1993 XF ₃	1993 12 14.62201	05 24 38.06	+21 36 37.3	19.1 R	381	1991 JA	1994 01 19.67072	10 26 44.34	+23 21 58.2		385
1993 XF ₃	1993 12 15.65928	05 23 29.93	+21 38 34.8	19 R	I 381	1991 JA	1994 02 02.57229	10 16 48.82	+25 10 44.2	16.5 V	385
1993 XF ₃	1993 12 15.71560	05 23 26.13	+21 38 39.2	19.1 R	381	1991 JA	1994 02 02.57531	10 16 48.63	+25 10 45.3		385
1993 XG ₃	* 1993 12 14.55325	05 27 42.57	+23 59 43.0	20 R	I 381	1991 JA	1994 02 02.57829	10 16 48.43	+25 10 46.6		385
1993 XG ₃	1993 12 14.58766	05 27 40.46	+23 59 46.0	19.9 R	381	1992 UO ₂	1994 01 16.63446	11 04 47.91	+25 38 48.6	16.5 V	385
1993 XG ₃	1993 12 14.62201	05 27 38.03	+23 59 48.6	20.1 R	381	1992 UO ₂	1994 01 16.63905	11 04 47.81	+25 38 50.1		385
1993 XG ₃	1993 12 15.62351	05 26 31.87	+24 00 44.9	19.9 R	381	1992 UO ₂	1994 01 19.67661	11 03 25.26	+25 54 44.8	16.3 V	385
1993 XG ₃	1993 12 15.65928	05 26 29.39	+24 00 45.9	20.0 R	381	1992 UO ₂	1994 01 19.67955	11 03 25.16	+25 54 46.1		385
1993 XG ₃	1993 12 15.71560	05 26 25.62	+24 00 49.5	20.4 R	381	1992 UO ₂	1994 01 19.68255	11 03 25.08	+25 54 46.8		385
(37)	1993 12 15.75237	06 53 09.01	+28 19 23.3	9.5 R	381	1992 UO ₂	1994 02 02.58300	10 54 00.06	+27 09 28.5	16.8 V	385
(37)	1993 12 15.75463	06 53 08.89	+28 19 23.5	9.5 R	381	1992 UO ₂	1994 02 02.58604	10 53 59.92	+27 09 29.6		385
(58)	1993 03 14.56182	11 11 35.56	+06 24 14.4	12.5 R	381	1992 UO ₂	1994 02 02.60017	10 53 59.18	+27 09 33.8		385
(58)	1993 03 14.56963	11 11 35.18	+06 24 17.7	12.5 R	381	1992 UO ₂	1994 02 07.66850	10 49 25.57	+27 34 59.0	16 V	385
(156)	1993 12 14.67699	06 44 04.25	+15 16 22.5	12.5 R	381	1992 UO ₂	1994 02 07.67140	10 49 25.39	+27 34 59.7		385
(203)	1993 12 14.69498	07 27 16.71	+26 30 54.5	12.4 R	381	1992 UO ₂	1994 02 07.67425	10 49 25.20	+27 35 00.9		385
(203)	1993 12 14.69888	07 27 16.53	+26 30 55.0	12.4 R	381	1993 BX ₂	1993 02 14.57014	09 04 34.17	+17 42 54.1	16	385
(2968)	1993 12 15.48685	03 27 16.93	+25 51 06.5	17.8 R	381	1993 BX ₂	1993 02 14.57847	09 04 33.57	+17 42 51.9		385
(2968)	1993 12 15.49248	03 27 16.71	+25 51 04.3	17.9 R	381	1993 TM ₂₁	1993 10 12.55878	01 25 09.20	+06 12 43.0	18.2 V	385
(4814)	1993 03 14.56182	11 11 00.63	+06 25 37.1	18.6 R	381	1993 TM ₂₁	1993 10 12.56262	01 25 09.04	+06 12 43.2		385
(4814)	1993 03 14.56963	11 11 00.31	+06 25 39.1	18.6 R	381	1993 TM ₂₁	1993 10 12.56914	01 25 08.69	+06 12 42.6		385
(4814)	1993 03 14.57662	11 11 00.05	+06 25 40.6	18.5 R	381	1993 VK ₂	1994 01 29.42888	04 00 27.30	+20 51 22.4	17.3 V	385
(4814)	1993 03 14.58345	11 10 59.72	+06 25 42.9	18.5 R	381	1993 VK ₂	1994 01 29.43322	04 00 27.33	+20 51 24.6		385
						1993 VK ₂	1994 01 29.43755	04 00 27.47	+20 51 25.5		385
385 Nihondaira Observatory Oohira station						1993 VK ₂	1994 02 09.48292	04 05 08.54	+21 51 18.0	17 V	385
T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan						1993 VK ₂	1994 02 09.48733	04 05 08.64	+21 51 19.7		385
0.31-m <i>f</i> /4.7 reflector + CCD						1993 VK ₂	1994 02 09.50616	04 05 09.22	+21 51 25.1		385
GSC						1993 YR	1994 01 29.44344	05 26 43.42	+05 01 34.8	17.3 V	385
1986 UG	1994 01 08.70226	09 07 57.73	+15 49 19.4	16.5 V	385	1993 YR	1994 01 29.44774	05 26 43.52	+05 01 36.9		385
1986 UG	1994 01 08.70672	09 07 57.47	+15 49 20.8		385	1993 YR	1994 01 29.45225	05 26 43.62	+05 01 38.4		385
1986 UG	1994 01 08.71118	09 07 57.22	+15 49 22.0		385	1994 AB ₁	1994 01 29.50369	07 38 40.17	+31 14 53.9	16.5 V	385
1986 UG	1994 02 02.55620	08 42 23.71	+18 09 30.0	16.3 V	385	1994 AB ₁	1994 01 29.50681	07 38 40.11	+31 14 53.8		385
1986 UG	1994 02 02.55925	08 42 23.48	+18 09 30.9		385	1994 AB ₁	1994 01 29.50988	07 38 40.02	+31 14 53.0		385
1986 UG	1994 02 02.56243	08 42 23.28	+18 09 31.9		385	1994 AT ₁	1994 01 19.62146	09 34 17.64	+35 59 59.1	16 V	385
1986 UG	1994 02 07.61584	08 37 01.02	+18 36 53.7	16.8 V	385						

1994 AT ₁	1994 01 19.62497	09 34 17.41	+36 00 00.8		385	1994 CN	1994 02 07.63669	09 23 05.93	+30 47 41.3	17 V	385
1994 AT ₁	1994 01 19.62898	09 34 17.21	+36 00 02.5		385	1994 CN	1994 02 07.63958	09 23 05.73	+30 47 42.2		385
1994 AT ₁	1994 02 07.62634	09 13 36.84	+37 49 45.7	16 V	385	1994 CN	1994 02 07.64249	09 23 05.50	+30 47 43.2		385
1994 AT ₁	1994 02 07.62920	09 13 36.63	+37 49 46.1		385	1994 CN	1994 02 09.52848	09 21 19.18	+30 54 10.4	17 V	385
1994 AT ₁	1994 02 07.63206	09 13 36.45	+37 49 46.7		385	1994 CN	1994 02 09.53293	09 21 18.95	+30 54 12.2		385
1994 AV ₁	1994 01 19.58697	08 33 18.47	+18 39 32.5	16 V	385	1994 CN	1994 02 09.53751	09 21 18.68	+30 54 13.1		385
1994 AV ₁	1994 01 19.59333	08 33 18.10	+18 39 32.3		385	(171)	1994 02 02.60573	10 23 30.66	+13 00 33.6	12.0 V	385
1994 AV ₁	1994 02 07.60562	08 13 06.26	+18 19 09.6	16.3 V	385	(171)	1994 02 02.60875	10 23 30.52	+13 00 33.8		385
1994 AV ₁	1994 02 07.60866	08 13 06.05	+18 19 09.7		385	(171)	1994 02 02.61463	10 23 30.30	+13 00 35.9		385
1994 AV ₁	1994 02 07.61154	08 13 05.87	+18 19 09.1		385	(2062)	1994 01 02.48654	02 56 25.95	-09 31 41.1	16.5 V	385
1994 AW ₁	1994 01 19.57788	06 54 17.24	+06 08 12.8	15 V	385	(2062)	1994 01 02.49526	02 56 25.37	-09 31 04.1		385
1994 AW ₁	1994 01 19.58102	06 54 16.41	+06 07 56.5		385	(2062)	1994 01 04.43715	02 54 48.33	-07 17 09.9	16.5 V	385
1994 AW ₁	1994 01 19.58324	06 54 15.85	+06 07 44.8		385	(2062)	1994 01 04.44444	02 54 47.90	-07 16 39.3		385
1994 AW ₁	1994 02 09.46662	06 05 55.85	-12 35 00.1		385	(2062)	1994 01 04.44774	02 54 47.75	-07 16 25.9		385
1994 AW ₁	1994 02 09.47120	06 05 55.55	-12 35 07.5		385	(2062)	1994 01 04.45069	02 54 47.54	-07 16 13.4		385
1994 AW ₁	1994 02 09.47572	06 05 55.31	-12 35 15.8		385	(2062)	1994 01 07.46561	02 52 52.49	-03 52 57.9	16 V	385
1994 AH ₂	1994 01 29.39416	03 01 36.39	+03 12 34.2	18 V	385	(2062)	1994 01 07.47536	02 52 52.09	-03 52 18.2		385
1994 AH ₂	1994 01 29.40775	03 01 36.42	+03 12 41.1		385	(2989)	1993 12 09.51043	04 02 21.14	+19 54 19.9		385
1994 AL ₃	1994 01 29.47169	07 59 41.99	+10 11 40.8	16.5 V	385	(2989)	1993 12 09.51331	04 02 21.00	+19 54 19.9		385
1994 AL ₃	1994 01 29.47479	07 59 41.74	+10 11 41.2		385	(2989)	1993 12 09.51632	04 02 20.75	+19 54 19.9		385
1994 AL ₃	1994 01 29.47770	07 59 41.52	+10 11 42.1		385	(3178)	1993 12 09.54214	05 33 41.41	+18 44 31.4		385
1994 AL ₃	1994 02 07.57222	07 51 40.83	+11 04 11.3	16.5 V	385	(3178)	1993 12 09.54525	05 33 41.26	+18 44 29.9		385
1994 AL ₃	1994 02 07.57854	07 51 40.57	+11 04 13.1		385	(3178)	1993 12 09.54949	05 33 41.03	+18 44 27.8		385
1994 AL ₃	1994 02 07.58243	07 51 40.36	+11 04 14.3		385	(3178)	1994 01 04.45544	05 13 25.79	+15 38 54.3	13.5 V	385
1994 AM ₃	1994 01 29.49255	08 16 38.31	+30 53 17.7	16 V	385	(3178)	1994 01 04.45868	05 13 25.67	+15 38 53.0		385
1994 AM ₃	1994 01 29.49566	08 16 38.08	+30 53 18.3		385	(3178)	1994 01 04.46181	05 13 25.55	+15 38 52.1		385
1994 AM ₃	1994 01 29.49881	08 16 37.82	+30 53 18.1		385						
1994 AM ₃	1994 02 07.60075	08 06 02.12	+30 47 17.3	16 V	385						
1994 AM ₃	1994 02 07.68102	08 05 56.77	+30 47 08.4		385						
1994 AM ₃	1994 02 07.68391	08 05 56.61	+30 47 08.1		385						
1994 AM ₃	1994 02 07.68684	08 05 56.41	+30 47 08.0		385						
1994 BV	* 1994 01 16.58907	10 09 59.03	+30 40 54.6	17.5 V	385						
1994 BV	1994 01 16.59826	10 09 58.68	+30 40 58.7		385						
1994 BV	1994 01 19.63668	10 07 45.60	+31 03 45.2	17.3 V	385	(8)	1993 05 25.61911	16 18 31.97	-14 07 54.4	10.4 V	388
1994 BV	1994 01 19.64611	10 07 45.12	+31 03 50.5		385	(37)	1994 01 07.58582	06 29 40.62	+28 43 48.4	9.4 V	388
1994 BV	1994 01 19.65507	10 07 44.75	+31 03 54.4		385	(72)	1994 01 24.77606	12 11 20.44	-06 40 18.6	13.9 V	388
1994 BY	1994 01 29.48211	08 19 30.23	+29 57 55.9	16.5 V	385	(156)	1994 01 14.55637	06 14 43.28	+14 27 24.6	12.6 V	388
1994 BY	1994 01 29.48502	08 19 29.97	+29 57 56.5		385						
1994 BY	1994 01 29.48808	08 19 29.82	+29 57 57.4		385						
1994 BY	1994 02 07.69149	08 09 31.59	+30 13 31.3	16.5 V	385						
1994 BY	1994 02 07.69465	08 09 31.38	+30 13 31.1		385						
1994 BY	1994 02 07.69836	08 09 31.19	+30 13 30.9		385						
1994 BL ₄	1994 02 02.53932	08 12 03.62	+28 47 29.3	16.8 V	385						
1994 BL ₄	1994 02 02.54582	08 12 03.20	+28 47 27.5		385						
1994 BL ₄	1994 02 02.54920	08 12 02.97	+28 47 25.2		385						
1994 CA	1994 02 04.56134	09 24 56.25	+30 04 42.8	15.5 V	385	1989 RG	1994 01 05.62294	08 25 09.33	+21 40 39.6	17	399
1994 CA	1994 02 04.56622	09 24 55.71	+30 04 39.7		385	1989 RG	1994 01 05.63750	08 25 08.54	+21 40 40.0		399
1994 CA	1994 02 04.56910	09 24 55.35	+30 04 39.1		385	1989 WJ ₁	1994 01 15.48819	05 54 32.27	+14 35 33.8	16.8	399
1994 CA	1994 02 06.60409	09 21 03.77	+29 48 27.5	15.5 V	385	1989 WJ ₁	1994 01 15.50278	05 54 31.56	+14 35 34.4		399
1994 CA	1994 02 06.60633	09 21 03.51	+29 48 25.9		385	1991 FE ₁	1994 01 15.55694	08 31 14.55	+19 46 13.8	15.7	399
1994 CA	1994 02 06.61363	09 21 02.62	+29 48 22.8		385	1991 FE ₁	1994 01 15.57153	08 31 13.60	+19 46 16.6		399
1994 CA	1994 02 06.62170	09 21 01.71	+29 48 18.4		385	1992 MB	1994 01 03.53762	06 50 51.50	+15 06 34.8	17	399
						1992 MB	1994 01 03.55208	06 50 50.49	+15 06 36.7		399

388 National Observatory, Mitaka

I. Sato, National Astronomical Observatory, Mitaka, Tokyo 181, Japan

Observers I. Sato, S. Suzuki

Measurer I. Sato

0.20-m meridian circle + CCD

GSC

(8)	1993 05 25.61911	16 18 31.97	-14 07 54.4	10.4 V	388
(37)	1994 01 07.58582	06 29 40.62	+28 43 48.4	9.4 V	388
(72)	1994 01 24.77606	12 11 20.44	-06 40 18.6	13.9 V	388
(156)	1994 01 14.55637	06 14 43.28	+14 27 24.6	12.6 V	388

399 Kushiro

H. Kaneda, Taiyo MS 2-H, 2 chome 2-15, Kawazoe 8 jo, Minami-ku, Sapporo 005, Japan

Observer S. Ueda

Measurer H. Kaneda

0.25-m *f*/3.4 hyperboloid astrocamera

GSC

1989 RG	1994 01 05.62294	08 25 09.33	+21 40 39.6	17	399
1989 RG	1994 01 05.63750	08 25 08.54	+21 40 40.0		399
1989 WJ ₁	1994 01 15.48819	05 54 32.27	+14 35 33.8	16.8	399
1989 WJ ₁	1994 01 15.50278	05 54 31.56	+14 35 34.4		399
1991 FE ₁	1994 01 15.55694	08 31 14.55	+19 46 13.8	15.7	399
1991 FE ₁	1994 01 15.57153	08 31 13.60	+19 46 16.6		399
1992 MB	1994 01 03.53762	06 50 51.50	+15 06 34.8	17	399
1992 MB	1994 01 03.55208	06 50 50.49	+15 06 36.7		399

1992 MB	1994 01 05.52188	06 48 36.77	+15 10 29.6	17.2	399	1994 CQ	1994 02 05.52014	08 41 24.21	+18 52 28.7	17	399
1992 MB	1994 01 05.53889	06 48 35.72	+15 10 30.1		399	1994 CQ	1994 02 05.53472	08 41 23.31	+18 52 32.1		399
1992 QG	1994 01 03.53762	06 47 55.74	+12 29 34.8	17.3	399	1994 CR	* 1994 02 04.57292	08 42 29.91	+18 40 12.7	17.2	399
1992 QG	1994 01 03.55208	06 47 54.97	+12 29 36.5		399	1994 CR	1994 02 04.58750	08 42 29.07	+18 40 17.2		399
1992 QG	1994 01 05.52188	06 45 52.44	+12 35 11.1	17.2	399	1994 CR	1994 02 05.52014	08 41 39.11	+18 45 32.5	17.2	399
1992 SW ₁₇	1994 01 15.59097	09 45 55.41	+00 42 12.0	16.7	399	1994 CR	1994 02 05.53472	08 41 38.30	+18 45 37.0		399
1992 SW ₁₇	1994 01 15.60556	09 45 54.73	+00 42 09.8		399	1994 CS	* 1994 02 04.64167	10 17 54.77	+11 05 59.8	16.8	399
1992 UP	1994 01 03.50424	05 25 52.28	+24 16 45.5	17.2	399	1994 CS	1994 02 04.65625	10 17 54.13	+11 06 05.2		399
1992 UP	1994 01 03.51875	05 25 51.64	+24 16 45.5		399	1994 CS	1994 02 05.62014	10 17 17.61	+11 13 13.2	16.8	399
1992 UP	1994 01 05.49933	05 24 22.59	+24 16 12.0	17.3	399	1994 CS	1994 02 05.63472	10 17 17.11	+11 13 19.4		399
1994 AL ₂	1994 02 04.53854	07 51 25.46	+28 29 53.7	17	399	1994 CT	* 1994 02 04.67917	08 53 07.27	+22 50 20.3	17	399
1994 AL ₂	1994 02 04.55347	07 51 24.63	+28 30 00.6		399	1994 CT	1994 02 04.69375	08 53 06.35	+22 50 20.3		399
1994 AL ₂	1994 02 05.48750	07 50 36.46	+28 36 20.7	17	399	1994 CT	1994 02 05.55347	08 52 06.82	+22 48 18.9	17	399
1994 AL ₂	1994 02 05.50208	07 50 35.55	+28 36 25.2		399	1994 CT	1994 02 05.56806	08 52 05.90	+22 48 18.3		399
1994 AP ₂	1994 01 15.59097	09 45 33.17	+01 05 36.2	16.2	399	1994 CU	* 1994 02 04.60694	10 22 00.29	+27 24 51.2	16.8	399
1994 AP ₂	1994 01 15.60556	09 45 32.53	+01 05 49.9		399	1994 CU	1994 02 04.62164	10 21 59.61	+27 24 57.9		399
1994 AX ₂	1994 02 03.62361	07 48 06.20	+19 20 32.4	17	399	1994 CU	1994 02 05.58681	10 21 12.81	+27 30 10.4	16.8	399
1994 AX ₂	1994 02 03.63819	07 48 05.53	+19 20 31.4		399	1994 CU	1994 02 05.60139	10 21 12.12	+27 30 15.8		399
1994 AX ₂	1994 02 04.50417	07 47 21.43	+19 19 33.7	17	399						
1994 AX ₂	1994 02 04.51875	07 47 20.72	+19 19 32.2		399						
1994 AY ₂	1994 02 03.62361	07 51 23.00	+19 15 30.2	17	399						
1994 AY ₂	1994 02 03.63819	07 51 22.37	+19 15 30.8		399						
1994 AY ₂	1994 02 04.50417	07 50 38.24	+19 15 11.3	17	399						
1994 AY ₂	1994 02 04.51875	07 50 37.39	+19 15 10.4		399						
1994 AB ₃	1994 01 15.66250	09 14 10.94	+18 54 07.0	16.2	399						
1994 AB ₃	1994 01 15.67708	09 14 10.14	+18 54 14.2		399						
1994 AB ₃	1994 02 04.67917	08 54 26.46	+22 07 29.5	16.2	399						
1994 AB ₃	1994 02 04.69375	08 54 25.61	+22 07 36.6		399						
1994 AB ₃	1994 02 05.55347	08 53 32.54	+22 15 14.4	16.5	399						
1994 AB ₃	1994 02 05.56806	08 53 31.47	+22 15 20.5		399						
1994 AD ₁₁	1994 01 15.66250	09 17 06.18	+21 16 42.9	16.8	399						
1994 AD ₁₁	1994 01 15.67708	09 17 05.32	+21 16 43.3		399						
1994 AD ₁₁	1994 02 04.67917	08 56 46.63	+21 31 14.6	16.3	399						
1994 AD ₁₁	1994 02 04.69375	08 56 45.63	+21 31 16.0		399						
1994 AD ₁₁	1994 02 05.55347	08 55 52.88	+21 31 24.3	16.7	399						
1994 AD ₁₁	1994 02 05.56806	08 55 51.87	+21 31 24.9		399						
1994 AK ₁₅	* 1994 01 15.63125	09 01 28.95	+18 51 39.9	16.7	399						
1994 AK ₁₅	1994 01 15.64583	09 01 27.95	+18 51 39.4		399						
1994 AK ₁₅	1994 02 04.57292	08 40 33.99	+19 09 16.0	16.5	399						
1994 AK ₁₅	1994 02 04.58750	08 40 33.07	+19 09 18.2		399						
1994 AK ₁₅	1994 02 05.52014	08 39 35.29	+19 09 45.8	16.5	399						
1994 AK ₁₅	1994 02 05.53472	08 39 34.27	+19 09 47.8		399						
1994 CO	* 1994 02 04.57292	08 38 52.78	+18 11 15.6	16.7	399						
1994 CO	1994 02 04.58750	08 38 52.21	+18 11 17.5		399						
1994 CO	1994 02 05.52014	08 38 23.03	+18 13 56.3	16.8	399						
1994 CO	1994 02 05.53472	08 38 22.58	+18 13 57.7		399						
1994 CP	* 1994 02 04.57292	08 39 40.58	+17 57 38.5	17	399						
1994 CP	1994 02 04.58750	08 39 39.63	+17 57 42.6		399						
1994 CP	1994 02 05.52014	08 38 51.33	+18 01 40.7	16.7	399						
1994 CP	1994 02 05.53472	08 38 50.60	+18 01 45.0		399						
1994 CQ	* 1994 02 04.57292	08 42 20.47	+18 50 14.3	17	399						
1994 CQ	1994 02 04.58750	08 42 19.64	+18 50 19.0		399						
						400 Kitami					
						K. Watanabe, 3-8 B-203, atsubetsu cyuo 3 jo 4 chome, Atsubetsu-ku, Sapporo 004, Japan					
						Observer K. Endate					
						Measurer K. Watanabe					
						0.25-m <i>f</i> /2.6 Schmidt camera					
						GSC					
						1989 CD ₈	1992 11 01.44271	02 54 36.18	+26 09 42.3	16.5	400
						1989 CD ₈	1992 11 01.47188	02 54 34.51	+26 09 33.3		400
						1989 XO	1994 01 13.59444	08 57 07.14	+13 52 34.4	16.0	400
						1989 XO	1994 01 13.61111	08 57 06.25	+13 52 32.3		400
						1989 XO	1994 01 15.53194	08 55 15.65	+13 52 49.7	15.8	400
						1989 XO	1994 01 15.55243	08 55 14.57	+13 52 49.0		400
						1989 YA ₂	1994 01 05.57431	08 24 39.12	+16 36 55.4	16.5	400
						1989 YA ₂	1994 01 05.59028	08 24 38.27	+16 36 53.0		400
						1993 RZ ₅	1993 09 19.57361	00 26 35.63	+04 27 32.6	16.5	400
						1993 RZ ₅	1993 09 19.58819	00 26 34.86	+04 27 25.6		400
						1993 RJ ₆	1993 09 19.57361	00 28 06.49	+05 44 42.9	17	400
						1993 RJ ₆	1993 09 19.58819	00 28 05.67	+05 44 41.7		400
						402 Dync Astronomical Observatory					
						A. Sugie, Dync Astronomical Observatory, Taga 270, Taga-Cho, Inukami-Gun, Shiga-Ken, 522-03, Japan					
						0.25-m <i>f</i> /3.4 Schmidt					
						GSC					
						1994 AO ₁	1994 01 15.60208	08 23 52.70	+14 25 38.5	16.5	402
						1994 AO ₁	1994 01 15.61667	08 23 51.66	+14 25 35.7		402
						1994 AP ₁	1994 01 15.62639	08 48 12.75	+26 39 58.9	16.5	402
						1994 AP ₁	1994 01 15.64375	08 48 11.54	+26 39 56.2		402
						1994 AR ₁	1994 01 15.57569	08 10 15.45	+09 59 03.7	17.0	402
						1994 AR ₁	1994 01 15.58924	08 10 14.62	+09 59 00.8		402
						1994 AA ₂	1994 01 15.65347	09 20 25.24	+24 50 42.6	17.0	402
						1994 AA ₂	1994 01 15.66736	09 20 24.51	+24 50 46.7		402
						1994 AP ₂	1994 01 09.70764	09 47 48.93	-00 13 23.7	16.5	402

1994 AP ₂	1994 01 09.72500	09 47 48.56	-00 13 09.6		402
1994 AP ₂	1994 01 15.67708	09 45 30.54	+01 06 51.8		402
1994 AP ₂	1994 01 15.69520	09 45 30.00	+01 07 09.2		402
1994 AP ₃	* 1994 01 09.70764	09 50 46.87	+02 04 23.4	17.5	402
1994 AP ₃	1994 01 09.72500	09 50 46.28	+02 04 23.9		402
1994 AP ₃	1994 01 15.67708	09 47 31.36	+01 58 08.8		402
1994 AP ₃	1994 01 15.69520	09 47 30.79	+01 58 07.2		402

403 Kani

T. Furuta, Mitsuike 17-2, Kakiya-Cho, Tokai, Aichi-Ken 477, Japan

Observer Y. Mizuno

Measurer T. Furuta

0.20-m *f*/4.0 hyperboloid astrocamera

GSC

1989 NK ₁	1994 01 07.62164	07 55 55.96	+18 24 19.3	15.0	403
1989 NK ₁	1994 01 07.63252	07 55 55.21	+18 24 24.6		403
(5783)	1993 12 05.53866	05 29 15.67	+30 08 10.9	16.5	403
(5783)	1993 12 05.55035	05 29 14.80	+30 08 08.8		403

408 Nyukasa

K. Watanabe, 3-8 B-203, Atsubetsu Chuo 3 Jo 4 Chome, Atsubetsu-Ku, Sapporo 004, Japan

Observers M. Hirasawa, S. Suzuki

Measurer K. Watanabe

0.30-m *f*/2.7 Schmidt camera

GSC

1993 WQ	1993 12 09.58125	04 39 13.51	+26 40 39.1	15.8	408
1993 WQ	1993 12 09.59375	04 39 12.79	+26 40 40.1		408
1993 WQ	1993 12 11.66042	04 37 05.48	+26 42 45.3	16.0	408
1993 WQ	1993 12 11.67431	04 37 04.61	+26 42 45.5		408
1993 XE	1994 01 07.46806	04 21 36.17	+28 53 10.4	16.5	408
1993 XE	1994 01 07.48958	04 21 35.56	+28 53 13.4		408
1993 XE	1994 01 08.54097	04 21 07.33	+28 53 40.7	16.5	408
1993 XE	1994 01 08.56597	04 21 06.66	+28 53 42.5		408
1993 XF	1993 12 18.62882	04 26 09.05	+18 15 36.9	16.5	408
1993 XF	1993 12 18.64271	04 26 08.46	+18 15 37.8		408

410 Sengamine

K. Ito, 4-13-7, Sakuragaoka Higashi Mati, Nishi-ku, Kobe 651-22, Japan

0.20-m *f*/6.0 reflector + CCD

GSC

1989 SL	1994 01 08.77700	09 34 55.59	+04 11 23.9	17.0 V	410
1989 SL	1994 01 08.78531	09 34 55.46	+04 11 22.9		410
1989 SL	1994 01 15.68338	09 29 48.32	+04 10 55.3	17.2 V	410
1989 SL	1994 01 15.69902	09 29 47.30	+04 10 58.5		410
1992 SR ₁₂	1994 01 08.64977	08 41 02.07	+22 16 39.7	16.4 V	410
1992 SR ₁₂	1994 01 08.65733	08 41 01.64	+22 16 42.8		410
1992 SR ₁₂	1994 01 15.64230	08 35 00.76	+22 43 20.3	16.6 V	410
1992 SR ₁₂	1994 01 15.64959	08 35 00.35	+22 43 23.8		410

411 Oizumi

T. Kobayashi, 1717-2 Shimo-Koizumi, Oizumi-machi, Ora-gun, Gunma-ken, 370-05 Japan

0.25-m *f*/4.4 reflector + CCD

GSC

1988 RR ₂	1994 01 07.62230	08 02 18.80	+18 00 48.5		411
1988 RR ₂	1994 01 07.62552	08 02 18.69	+18 00 50.7		411
1988 RR ₂	1994 01 07.63227	08 02 18.44	+18 00 49.3		411
1989 TT ₁	1993 11 15.66337	05 15 32.52	+19 21 13.8		411
1989 TT ₁	1993 11 15.67705	05 15 31.92	+19 21 10.7		411
1989 TT ₁	1993 12 04.65799	04 58 09.88	+17 54 15.9		411
1989 TT ₁	1993 12 04.66446	04 58 09.49	+17 54 14.6		411
1989 TT ₁	1993 12 04.66769	04 58 09.25	+17 54 13.2		411
1989 VN ₅	1993 12 23.57891	06 42 11.90	+24 52 03.2		411
1989 VN ₅	1993 12 23.58479	06 42 11.50	+24 52 03.6		411
1989 VN ₅	1993 12 23.58728	06 42 11.33	+24 52 03.1		411
1993 UX	1993 12 07.47628	03 02 14.97	+19 06 14.0		411
1993 UX	1993 12 07.48276	03 02 14.71	+19 06 13.1		411
1993 UX	1993 12 07.48600	03 02 14.49	+19 06 13.7		411
1993 WD	1993 11 28.41529	00 05 36.25	+32 49 21.9		411
1993 WD	1993 11 28.41707	00 05 34.44	+32 49 27.7		411
1993 WD	1993 11 28.41796	00 05 33.53	+32 49 31.3		411
1993 XJ	1993 12 12.56015	05 00 43.12	+17 03 44.5		411
1993 XJ	1993 12 12.56521	05 00 42.77	+17 03 43.1		411
1993 XJ	1993 12 12.56773	05 00 42.61	+17 03 42.4		411
1993 XJ	1994 01 01.45069	04 43 19.22	+15 48 02.6		411
1993 XJ	1994 01 01.45749	04 43 18.95	+15 48 01.8		411
1993 XJ	1994 01 01.46071	04 43 18.83	+15 48 01.1		411
1993 XJ	1994 01 02.42318	04 42 45.17	+15 45 45.6		411
1993 XJ	1994 01 02.42965	04 42 44.91	+15 45 45.8		411
1993 XJ	1994 01 02.43287	04 42 44.81	+15 45 44.8		411
1994 AO ₃	* 1994 01 15.61811	08 29 48.10	+22 26 40.5	17	411
1994 AO ₃	1994 01 15.62492	08 29 47.66	+22 26 42.9		411
1994 AO ₃	1994 01 15.63155	08 29 47.20	+22 26 45.9		411
1994 AO ₃	1994 01 19.65354	08 25 42.19	+22 49 52.6		411
1994 AO ₃	1994 01 19.66019	08 25 41.74	+22 49 55.0		411
1994 AO ₃	1994 01 19.66751	08 25 41.26	+22 49 56.7		411
1994 BW	* 1994 01 19.65354	08 24 29.97	+22 57 45.4	17	411
1994 BW	1994 01 19.66019	08 24 29.59	+22 57 49.1		411
1994 BW	1994 01 19.66751	08 24 29.06	+22 57 52.0		411
1994 BW	1994 01 21.69160	08 22 18.09	+23 12 21.8		411
1994 BW	1994 01 21.69482	08 22 17.83	+23 12 22.4		411
1994 BW	1994 01 21.70214	08 22 17.36	+23 12 25.6		411
1994 BX	* 1994 01 19.77442	09 50 05.04	+24 41 34.8	17	411
1994 BX	1994 01 19.78800	09 50 04.47	+24 41 41.7		411
1994 BX	1994 01 23.77362	09 47 03.65	+25 15 57.3		411
1994 BX	1994 01 23.77680	09 47 03.50	+25 15 59.0		411
1994 BX	1994 01 23.78414	09 47 03.13	+25 16 02.4		411
1994 BC ₁	* 1994 01 16.76111	09 12 24.44	+17 28 38.6	17	411
1994 BC ₁	1994 01 16.76433	09 12 24.29	+17 28 39.5		411
1994 BC ₁	1994 01 16.77080	09 12 24.12	+17 28 39.1		411
1994 BC ₁	1994 01 19.67828	09 10 05.57	+17 31 21.8		411
1994 BC ₁	1994 01 19.69510	09 10 04.73	+17 31 24.1		411
1994 BC ₁	1994 01 19.70857	09 10 04.15	+17 31 23.5		411
1994 BC ₁	1994 01 23.74036	09 06 42.92	+17 35 21.6		411

1994 BC ₁	1994 01 23.74356	09 06 42.75	+17 35 21.8	411	1994 CE	1994 02 07.59995	08 48 32.11	+17 40 05.0	411		
1994 BC ₁	1994 01 23.74994	09 06 42.32	+17 35 20.9	411	1994 CE	1994 02 07.60966	08 48 31.43	+17 40 04.7	411		
1994 BD ₁	* 1994 01 19.74284	09 47 32.97	+23 48 03.5	17	411	1994 CE	1994 02 07.61994	08 48 30.77	+17 40 05.9	411	
1994 BD ₁	1994 01 19.75641	09 47 32.07	+23 48 08.9	411	1994 CL	* 1994 02 03.54145	10 46 00.42	+17 09 57.4	16.5	411	
1994 BD ₁	1994 01 21.71343	09 45 35.70	+23 56 41.3	411	1994 CL	1994 02 03.55502	10 45 59.68	+17 10 00.3	411		
1994 BD ₁	1994 01 21.71666	09 45 35.56	+23 56 39.9	411	1994 CL	1994 02 05.76965	10 44 02.81	+17 16 02.4	411		
1994 BD ₁	1994 01 21.72343	09 45 35.10	+23 56 42.0	411	1994 CL	1994 02 05.77590	10 44 02.42	+17 16 03.9	411		
1994 BD ₁	1994 01 23.75379	09 43 27.67	+24 05 21.4	411	1994 CL	1994 02 05.77845	10 44 02.33	+17 16 04.4	411		
1994 BD ₁	1994 01 23.75698	09 43 27.43	+24 05 22.3	411	1994 CM	* 1994 02 03.66568	10 42 31.09	+21 10 33.7	17	411	
1994 BD ₁	1994 01 23.76367	09 43 26.98	+24 05 24.3	411	1994 CM	1994 02 03.67936	10 42 30.40	+21 10 37.6	411		
1994 BE ₁	* 1994 01 19.76546	09 49 50.73	+21 57 06.6	17	411	1994 CM	1994 02 05.75642	10 40 54.68	+21 20 47.5	411	
1994 BE ₁	1994 01 19.77904	09 49 49.88	+21 57 09.1	411	1994 CM	1994 02 05.76329	10 40 54.37	+21 20 49.9	411		
1994 BE ₁	1994 01 21.72004	09 48 03.32	+22 08 57.4	411	1994 CM	1994 02 05.77277	10 40 53.88	+21 20 52.9	411		
1994 BE ₁	1994 01 21.72681	09 48 02.97	+22 09 02.1	411	1994 CD ₁	* 1994 02 07.70441	10 15 48.24	+18 30 37.9	16	411	
1994 BE ₁	1994 01 21.73003	09 48 02.82	+22 09 01.6	411	1994 CD ₁	1994 02 07.71800	10 15 47.58	+18 30 45.4	411		
1994 BE ₁	1994 01 23.76031	09 46 05.34	+22 21 21.6	411	1994 CD ₁	1994 02 10.46407	10 13 33.82	+18 56 14.2	411		
1994 BE ₁	1994 01 23.76703	09 46 04.98	+22 21 23.0	411	1994 CD ₁	1994 02 10.46909	10 13 33.62	+18 56 17.2	411		
1994 BE ₁	1994 01 23.77023	09 46 04.80	+22 21 24.9	411	1994 CD ₁	1994 02 10.48875	10 13 32.54	+18 56 28.8	411		
1994 BF ₁	* 1994 01 23.80032	10 19 42.33	+14 30 39.9	16.5	411	1994 CG ₁	* 1994 02 07.67064	10 13 04.35	+17 10 56.0	17.5	411
1994 BF ₁	1994 01 23.81391	10 19 41.68	+14 30 43.9	411	1994 CG ₁	1994 02 07.68420	10 13 03.49	+17 11 00.3	411		
1994 BF ₁	1994 01 24.77604	10 18 56.69	+14 34 22.7	411	1994 CG ₁	1994 02 10.70267	10 09 53.89	+17 26 00.0	411		
1994 BF ₁	1994 01 24.77924	10 18 56.53	+14 34 22.5	411	1994 CG ₁	1994 02 10.70938	10 09 53.57	+17 26 01.1	411		
1994 BF ₁	1994 01 24.78566	10 18 56.24	+14 34 24.5	411	1994 CG ₁	1994 02 10.71605	10 09 53.05	+17 26 04.2	411		
1994 BG ₁	* 1994 01 23.80256	10 18 36.16	+15 09 10.1	17	411	1994 CH ₁	* 1994 02 07.75615	11 08 11.55	+10 57 27.5	15	411
1994 BG ₁	1994 01 23.81616	10 18 35.66	+15 09 16.0	411	1994 CH ₁	1994 02 07.76973	11 08 11.06	+10 57 33.1	411		
1994 BG ₁	1994 01 24.76246	10 18 01.19	+15 13 36.1	411	1994 CH ₁	1994 02 11.48936	11 05 57.65	+11 24 13.7	411		
1994 BG ₁	1994 01 24.76888	10 18 00.87	+15 13 38.6	411	1994 CH ₁	1994 02 11.49767	11 05 57.30	+11 24 18.2	411		
1994 BG ₁	1994 01 24.77209	10 18 00.83	+15 13 39.5	411	1994 CH ₁	1994 02 11.50315	11 05 57.05	+11 24 20.6	411		
1994 BH ₁	* 1994 01 23.80480	10 20 32.55	+16 00 34.8	17.5	411	(3163)	1993 12 15.70779	07 27 40.50	+17 24 00.9	411	
1994 BH ₁	1994 01 23.81839	10 20 31.91	+16 00 36.3	411	411	(3163)	1993 12 15.72153	07 27 39.78	+17 24 02.0	411	
1994 BH ₁	1994 01 24.78900	10 19 48.62	+16 02 08.1	411							
1994 BH ₁	1994 01 24.79540	10 19 48.40	+16 02 07.6	411	412 Uwaki						
1994 BH ₁	1994 01 24.80504	10 19 47.98	+16 02 08.9	411	T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan						
1994 BS ₄	* 1994 01 16.82205	10 02 47.27	+15 47 35.5	17	Observer M. Tanaka						
1994 BS ₄	1994 01 16.83561	10 02 46.69	+15 47 37.8	411	Measurer T. Urata						
1994 BS ₄	1994 01 18.80823	10 01 32.23	+15 57 35.4	411	0.16-m <i>f</i> /2.5 Schmidt						
1994 BS ₄	1994 01 18.81788	10 01 31.90	+15 57 37.6	411	GSC						
1994 BS ₄	1994 01 19.71914	10 00 55.82	+16 02 19.1	411	1994 AW ₁	1994 01 07.57431	07 57 58.21	+26 04 21.0	t	412	
1994 BS ₄	1994 01 19.72237	10 00 55.65	+16 02 21.9	411	1994 AW ₁	1994 01 07.60208	07 57 47.33	+26 01 31.7	t	412	
1994 BS ₄	1994 01 19.72880	10 00 55.34	+16 02 23.6	411							
1994 BS ₄	1994 02 02.59134	09 49 05.95	+17 22 39.6	411	413 Siding Spring						
1994 BS ₄	1994 02 02.59799	09 49 05.44	+17 22 41.0	411	R. H. McNaught, Siding Spring Observatory, Coonabarabran, N.S.W. 2357,						
1994 BS ₄	1994 02 02.60052	09 49 05.30	+17 22 42.5	411	Australia						
1994 CD	* 1994 02 03.49863	08 52 09.24	+17 36 41.5	18	Observers D. J. Asher, J. A. Dawe, G. J. Garradd, M. Hartley, R. H. McNaught,						
1994 CD	1994 02 03.50185	08 52 09.15	+17 36 41.2	411	K. S. Russell, D. I. Steel						
1994 CD	1994 02 03.50880	08 52 08.78	+17 36 43.0	411	Measurers R. H. McNaught, G. J. Garradd, D. J. Asher						
1994 CD	1994 02 07.59995	08 48 26.99	+17 52 27.9	411	U.K. Schmidt, 1.0-m reflector + CCD						
1994 CD	1994 02 07.60318	08 48 26.83	+17 52 29.6	411	1978 SU ₅	1994 01 22.76891	11 46 37.12	-07 10 26.8	413		
1994 CD	1994 02 07.61994	08 48 25.94	+17 52 34.1	411	1978 SU ₅	1994 01 22.77157	11 46 37.12	-07 10 27.2	413		
1994 CE	* 1994 02 03.49863	08 52 43.88	+17 31 10.6	17	411	1984 KB	1994 01 22.43437	23 54 07.10	-04 40 16.4	413	
1994 CE	1994 02 03.50185	08 52 43.64	+17 31 11.9	411	411	1984 KB	1994 01 22.43764	23 54 07.44	-04 40 13.9	413	
1994 CE	1994 02 03.50880	08 52 43.28	+17 31 11.6	411	411	1984 KB	1994 01 23.43382	23 55 43.09	-04 30 17.4	413	
					411	1984 KB	1994 01 23.43950	23 55 43.62	-04 30 14.0	413	

1988 QP	1976 05 31.60892	17 32 40.25	-30 01 09.2	413	1993 UC	1994 01 22.50261	01 01 55.82	-31 45 05.9	413
1988 QP	1976 05 31.64017	17 32 38.66	-30 01 06.1	413	1993 UC	1994 01 23.46247	01 03 42.82	-31 35 17.0	413
1988 QP	1989 11 01.59610	03 15 07.19	+29 01 12.5	F 413	1993 UC	1994 01 23.46501	01 03 43.09	-31 35 15.1	413
1988 QP	1993 05 20.73557	20 31 28.52	-19 50 48.3	413	1993 UZ ₂	1994 01 22.52340	02 17 43.16	-00 51 28.1	413
1988 RE	1994 01 21.53021	02 54 15.76	-17 16 35.6	413	1993 UZ ₂	1994 01 22.52637	02 17 43.30	-00 51 24.5	413
1988 RE	1994 01 21.53347	02 54 15.92	-17 16 33.3	413	1993 VA	1994 01 21.74881	15 48 31.84	-16 16 47.4	E 413
1988 RE	1994 01 22.54743	02 55 11.87	-17 07 12.4	413	1993 VA	1994 01 22.73775	15 50 51.67	-16 05 23.8	413
1988 RE	1994 01 22.55217	02 55 12.16	-17 07 09.0	413	1993 VA	1994 01 22.74991	15 50 53.38	-16 05 16.5	413
1988 VN ₄	1994 01 21.58665	09 43 14.04	-41 37 12.8	413	1993 VA	1994 01 22.75503	15 50 54.08	-16 05 13.3	413
1988 VN ₄	1994 01 21.59035	09 43 13.95	-41 37 15.5	413	1993 VA	1994 01 23.74236	15 53 13.41	-15 54 13.6	413
1988 VN ₄	1994 01 23.68819	09 42 50.60	-42 00 02.8	413	1993 VA	1994 01 23.74447	15 53 13.72	-15 54 12.7	413
1988 VN ₄	1994 01 23.69649	09 42 50.43	-42 00 06.5	413	1993 VB	1994 01 23.73696	15 20 51.65	-27 26 14.5	413
1989 CC ₁	1994 01 23.73035	13 25 37.60	+06 12 17.0	413	1993 VB	1994 01 23.73895	15 20 51.49	-27 26 06.0	413
1989 CC ₁	1994 01 23.73296	13 25 37.66	+06 12 18.7	413	1993 VW	1994 01 21.47796	01 48 08.10	-11 04 46.1	413
1989 WQ ₁	1994 01 21.44999	00 41 26.38	-02 30 11.6	413	1993 VW	1994 01 21.48034	01 48 08.19	-11 04 49.3	413
1989 WQ ₁	1994 01 21.45319	00 41 26.74	-02 30 06.8	413	1993 VW	1994 01 22.50612	01 48 50.06	-11 26 43.5	413
1990 BZ ₁	1994 01 23.59808	05 25 56.92	+19 34 27.6	413	1993 VW	1994 01 22.50810	01 48 50.16	-11 26 45.8	413
1990 BZ ₁	1994 01 23.60976	05 25 56.75	+19 34 27.9	413	1993 VL ₁	1994 01 21.46473	01 27 10.68	-08 16 26.9	413
1991 NR ₂	1982 05 01.53596	14 38 51.00	-43 47 00.7	413	1993 VL ₁	1994 01 21.46810	01 27 10.89	-08 16 23.1	413
1991 NR ₂	1994 01 21.63545	10 05 48.46	-03 45 39.1	413	1993 VM ₁	1994 01 21.54987	04 09 12.59	-17 36 09.0	413
1991 NR ₂	1994 01 21.64389	10 05 48.16	-03 45 40.4	413	1993 VM ₁	1994 01 21.55197	04 09 12.70	-17 36 06.0	413
1991 NR ₂	1994 01 22.68958	10 05 04.37	-03 46 37.6	F 413	1993 VM ₁	1994 01 22.56171	04 09 58.69	-17 13 59.5	413
1991 NR ₂	1994 01 22.69841	10 05 03.98	-03 46 37.5	F 413	1993 VM ₁	1994 01 22.56411	04 09 58.81	-17 13 56.2	413
1991 NR ₂	1994 01 23.65685	10 04 23.17	-03 47 23.4	413	1993 VM ₁	1994 01 23.55696	04 10 46.12	-16 52 05.6	413
1991 NR ₂	1994 01 23.66110	10 04 22.95	-03 47 23.6	413	1993 VM ₁	1994 01 23.55912	04 10 46.22	-16 52 02.6	413
1991 TQ	1994 01 21.69152	11 29 34.81	+12 47 55.8	413	1993 VC ₅	1994 01 21.51521	02 28 42.52	-14 02 00.6	413
1991 TQ	1994 01 21.69555	11 29 34.72	+12 47 57.0	413	1993 VC ₅	1994 01 21.51889	02 28 42.95	-14 01 56.1	413
1992 CC ₁	1994 01 23.72567	13 59 54.58	-26 24 22.4	413	1993 VC ₅	1994 01 22.52916	02 30 41.76	-13 41 58.0	413
1992 CC ₁	1994 01 23.72764	13 59 54.65	-26 24 25.0	413	1993 VC ₅	1994 01 22.53135	02 30 42.04	-13 41 55.6	413
1992 CH ₁	1994 01 21.56529	04 21 47.83	-20 45 25.1	413	1993 VV ₇	1994 01 21.53750	03 33 54.79	-07 13 45.8	413
1992 CH ₁	1994 01 21.56857	04 21 47.91	-20 45 15.8	413	1993 VV ₇	1994 01 21.54017	03 33 54.90	-07 13 40.6	413
1992 CH ₁	1994 01 22.56767	04 22 18.06	-19 58 45.9	413	1993 VV ₇	1994 01 22.55617	03 34 38.81	-06 40 29.2	413
1992 CH ₁	1994 01 22.57022	04 22 18.14	-19 58 38.8	413	1993 VV ₇	1994 01 22.55868	03 34 38.93	-06 40 24.4	413
1992 CH ₁	1994 01 23.56272	04 22 51.75	-19 11 32.4	413	1993 VV ₇	1994 01 23.55100	03 35 23.54	-06 08 11.4	413
1992 CH ₁	1994 01 23.56623	04 22 51.85	-19 11 22.4	413	1993 VV ₇	1994 01 23.55367	03 35 23.67	-06 08 06.2	413
1992 JB	1994 01 23.70869	13 01 10.04	-56 49 03.0	I 413	1994 AM ₁	1994 01 22.51618	06 10 13.55	+21 26 55.6	413
1992 MA	1994 01 23.45648	01 07 54.02	+07 07 19.7	413	1994 AM ₁	1994 01 22.51998	06 10 13.38	+21 26 54.9	413
1993 OZ ₂	1994 01 21.47144	01 45 21.83	-11 27 35.2	413	1994 AM ₁	1994 01 23.57109	06 09 33.11	+21 24 31.6	413
1993 OZ ₂	1994 01 21.47497	01 45 22.18	-11 27 30.3	413	1994 AM ₁	1994 01 23.57845	06 09 32.82	+21 24 30.6	413
1993 OZ ₂	1994 01 23.50204	01 49 05.78	-10 41 58.8	413	1994 AW ₁	1994 01 21.68410	06 45 59.72	+03 13 09.6	413
1993 SG ₁	1994 01 23.47121	01 40 50.77	-02 19 44.0	413	1994 AW ₁	1994 01 21.68629	06 45 59.20	+03 12 59.6	413
1993 SG ₁	1994 01 23.47375	01 40 51.02	-02 19 42.3	413	1994 AW ₁	1994 01 23.61714	06 39 12.19	+00 45 34.9	413
1993 SK ₃	1994 01 23.44516	00 43 14.42	+06 56 24.0	413	1994 AW ₁	1994 01 23.61910	06 39 11.78	+00 45 26.3	413
1993 SK ₃	1994 01 23.45059	00 43 14.78	+06 56 26.8	413	1994 AG ₂	1994 01 23.52940	03 14 26.69	+03 43 46.4	413
1993 TA	1994 01 21.52310	02 30 30.40	-22 24 26.9	413	1994 AG ₂	1994 01 23.53197	03 14 26.78	+03 43 48.1	413
1993 TA	1994 01 21.52561	02 30 30.69	-22 24 23.5	413	1994 AH ₂	1994 01 21.49969	03 02 13.05	+02 13 53.2	413
1993 TA	1994 01 22.53378	02 32 31.01	-22 01 53.6	413	1994 AH ₂	1994 01 21.50322	03 02 12.99	+02 13 54.5	413
1993 TA	1994 01 22.53605	02 32 31.26	-22 01 50.5	413	1994 AH ₂	1994 01 21.50645	03 02 12.94	+02 13 55.2	413
1993 UC	1994 01 16.46765	00 51 07.03	-32 41 04.0	413	1994 AH ₂	1994 01 21.55685	03 02 12.05	+02 14 16.2	F 413
1993 UC	1994 01 21.45855	01 00 00.89	-31 55 29.6	413	1994 AH ₂	1994 01 21.56069	03 02 12.06	+02 14 16.7	F 413
1993 UC	1994 01 21.46140	01 00 01.20	-31 55 28.0	413	1994 AH ₂	1994 01 22.48333	03 01 59.16	+02 20 27.1	413
1993 UC	1994 01 22.50061	01 01 55.60	-31 45 07.2	413	1994 AH ₂	1994 01 22.48915	03 01 59.07	+02 20 29.5	413

1994 AH ₂	1994 01 22.49200	03 01 59.06	+02 20 30.4	413
1994 AH ₂	1994 01 22.49634	03 01 58.98	+02 20 32.1	413
1994 AH ₂	1994 01 23.51552	03 01 47.29	+02 27 35.9	413
1994 AH ₂	1994 01 23.51838	03 01 47.26	+02 27 37.0	413
(1922)	1994 01 22.57689	04 54 54.05	-03 33 29.7	413
(1922)	1994 01 23.58290	04 54 31.55	-03 31 50.4	413
(1922)	1994 01 23.59204	04 54 31.13	-03 31 48.5	413
(1922)	1994 01 23.60329	04 54 31.13	-03 31 48.5	413
(4055)	1994 01 22.53901	03 28 27.76	-13 10 28.7	413
(4055)	1994 01 22.54294	03 28 27.97	-13 10 24.5	413
(4055)	1994 01 23.53636	03 29 19.30	-12 52 06.7	413
(4055)	1994 01 23.54068	03 29 19.52	-12 52 01.9	413
(4285)	1993 11 06.42778	00 11 48.58	-10 38 57.2	413
(4953)	1994 01 22.44230	00 22 07.16	-11 25 05.4	413
(4953)	1994 01 22.44560	00 22 07.41	-11 25 00.3	413
(5066)	1994 01 23.47766	01 31 21.50	-20 47 38.9	413
(5066)	1994 01 23.48234	01 31 21.81	-20 47 31.9	413

474 Mount John

A. C. Gilmore, P.O. Box 57, Lake Tekapo, New Zealand

Observer A. C. Gilmore

Measurer P. M. Kilmartin

0.6-m *f*/14 Cassegrain reflector

SAOC, CPZ, field plates from Carter Observatory

(19)	1993 08 15.50432	20 01 00.74	-17 50 02.8	474
(19)	1993 08 15.50698	20 01 00.60	-17 50 03.2	474
(19)	1993 08 17.44995	19 59 32.63	-17 55 34.0	474
(19)	1993 08 17.45313	19 59 32.49	-17 55 34.1	474
(19)	1993 11 13.41199	20 45 17.72	-16 40 02.9	474
(19)	1993 11 13.41488	20 45 18.00	-16 40 01.6	474
(19)	1993 11 13.41818	20 45 18.27	-16 40 00.6	474
(19)	1993 11 14.39777	20 46 46.71	-16 34 57.6	474
(19)	1993 11 14.39974	20 46 46.89	-16 34 56.7	474
(19)	1993 11 14.40130	20 46 47.00	-16 34 56.4	474
(19)	1993 11 16.41297	20 49 50.89	-16 24 13.4	474
(19)	1993 11 16.41529	20 49 51.08	-16 24 12.0	474
(19)	1993 11 16.41737	20 49 51.31	-16 24 11.9	474

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J.-M. Azema, Domaine de Coubillou, F-34240 Lamalou-les-Bains, France

0.20-m *f*/4.0 reflector

PPM

(71)	1992 04 19.86111	08 00 20.40	+18 21 10.2	478
(71)	1992 04 19.88784	08 00 21.56	+18 20 59.6	478
(247)	1993 01 20.79270	01 44 27.63	+42 43 50.3	478
(349)	1993 01 22.90173	04 05 35.14	+29 12 41.6	478
(384)	1993 02 15.86794	05 41 34.20	+30 08 01.9	478
(384)	1993 02 18.86446	05 43 05.50	+30 04 21.1	478
(519)	1993 02 15.84224	05 19 34.33	+34 15 31.5	478
(519)	1993 02 18.84814	05 20 32.92	+34 10 03.8	478

494 Stakenbridge

B. G. W. Manning, Moonrakers, Stakenbridge, Churchill, Kidderminster, Worcs.

DY10 3LS, England

0.2-m *f*/6.5 reflector + CCD, 0.26-m *f*/7.3 reflector + CCD

PPM

1989 TE	1994 01 30.87215	06 04 20.83	+21 54 57.4	18.2 V	494
1989 TE	1994 01 30.89163	06 04 20.23	+21 54 56.9		494
1989 TE	1994 02 01.89025	06 03 28.66	+21 53 35.2	18.2 V	494
1994 AM ₁	1994 01 11.92323	06 18 55.08	+21 52 24.7		494
1994 AM ₁	1994 01 16.95348	06 14 22.24	+21 39 56.6	17.6 R	494
1994 AM ₁	1994 01 19.87195	06 12 04.44	+21 32 56.8	17.9 R	494
1994 AM ₁	1994 02 05.85027	06 04 27.55	+20 57 43.6		494
1994 AM ₁	1994 02 05.86356	06 04 27.43	+20 57 41.7		494
(1620)	1994 01 19.89290	06 59 29.93	+48 19 35.6		494
(1620)	1994 01 19.91806	06 59 24.52	+48 19 20.8		494
(1620)	1994 02 07.83509	06 07 38.71	+42 48 47.0		494
(1620)	1994 02 07.85206	06 07 36.86	+42 48 24.7		494

540 Linz

E. Meyer, F. Marklstrasse 1/62, A-4040 Linz, Austria

0.30-m *f*/5.2 Schmidt Cassegrain + CCD

GSC

1994 AW ₁	1994 01 18.84072	06 57 24.58	+07 13 08.9		540
1994 AW ₁	1994 01 18.84418	06 57 23.71	+07 12 51.0		540
1994 AW ₁	1994 01 18.85040	06 57 22.10	+07 12 17.3	14.9 R	540
1994 AW ₁	1994 01 18.85244	06 57 21.48	+07 12 07.0	15.0 R	540
1994 AW ₁	1994 01 18.85522	06 57 20.73	+07 11 50.9	14.8 R	540
1994 AW ₁	1994 01 18.85748	06 57 20.20	+07 11 41.2	14.8 R	540
1994 AW ₁	1994 01 19.89821	06 52 58.66	+05 40 21.4	15.2 R	540
1994 AW ₁	1994 01 19.89947	06 52 58.33	+05 40 14.7	15.4 R	540
1994 AW ₁	1994 01 19.90093	06 52 57.91	+05 40 08.3	15.3 R	540
1994 AW ₁	1994 01 19.90211	06 52 57.58	+05 40 00.5		I 540

544 Wilhelm Foerster Observatory, Berlin

W. Hasse, Wilhelm-Foerster-Sternwarte, Munsterdamm 90, D-12169 Berlin, Germany

Observers S. Ebert, W. Hasse, C. Rodinke, K. Toedtke

Measurers S. Ebert, W. Hasse, S. Klose, C. Rodinke, K. Toedtke

0.15-m *f*/15 double refractor

PPM

(2)	1993 09 05.85387	21 38 46.34	+05 49 24.7		544
(2)	1993 09 05.86498	21 38 45.99	+05 49 16.3		544
(3)	1993 04 19.86458	07 14 43.37	+14 16 23.6		544
(3)	1993 04 26.86285	07 25 41.16	+14 31 36.2		544
(3)	1993 04 26.87951	07 25 42.93	+14 31 38.1		544
(3)	1993 04 26.89757	07 25 44.58	+14 31 39.8		544

553 Chorzów

I. Włodarczyk, Astronomical Observatory of the Chorzów Planetarium, PL-41501 Chorzów, Poland

Observers J. Kuczyński, J. Szczepanik, M. Szczepański, I. Włodarczyk

Measurers T. Mazur, I. Otręba, I. Włodarczyk, A. Wypiór, K. Giza

0.2-m *f*/5 Zeiss astrocamera Sonnefeld

PPM

(2)	1992 06 27.88958	17 46 39.85	+24 32 53.7		553	(156)	1994 01 08.84038	06 19 56.07	+14 32 19.6		557
(2)	1992 06 27.91458	17 46 38.68	+24 32 47.5		553	(156)	1994 01 08.84282	06 19 55.93	+14 32 19.4		557
(2)	1992 06 27.93194	17 46 37.84	+24 32 42.1		553	(156)	1994 01 08.84405	06 19 55.85	+14 32 19.4		557
557 Ondřejov											
P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov, Czech Republic											
Observers P. Pravec, J. Borovicka, P. Kubicek, M. Varady, M. Wolf											
Measurer P. Pravec, P. Kubicek, A. R. Klemola											
0.18-m $f/5.6$ reflector + CCD, 0.65-m $f/3.6$ reflector + CCD											
ACRS, GSC											
1981 QE ₁	1994 01 21.90332	08 29 43.80	+17 14 09.0		557	(181)	1994 01 14.87626	08 34 06.04	+07 23 16.8		557
1981 QE ₁	1994 01 21.94491	08 29 41.01	+17 14 16.6	16.8 V	557	(181)	1994 01 14.88080	08 34 05.85	+07 23 19.4		557
1981 QE ₁	1994 01 21.95921	08 29 40.10	+17 14 19.4	16.2 R	557	(181)	1994 01 14.88644	08 34 05.60	+07 23 22.7		557
1981 QE ₁	1994 01 22.11672	08 29 29.57	+17 14 49.5		557	(181)	1994 01 14.88731	08 34 05.56	+07 23 23.1		557
1981 QE ₁	1994 01 22.15179	08 29 27.21	+17 14 56.2		557	(181)	1994 01 14.89463	08 34 05.24	+07 23 27.2		557
1994 AW ₁	1994 02 09.81624	06 05 37.90	-12 44 40.7		557	(181)	1994 01 14.89578	08 34 05.18	+07 23 27.8		557
1994 AW ₁	1994 02 09.82171	06 05 37.56	-12 44 50.2		557	(181)	1994 01 17.95142	08 31 49.71	+07 52 53.0		557
1994 AW ₁	1994 02 09.84343	06 05 36.27	-12 45 24.7		557	(230)	1994 01 17.95766	08 31 49.42	+07 52 56.6		557
1994 AW ₁	1994 02 09.86832	06 05 34.89	-12 46 05.2		557	(230)	1994 01 03.78656	05 35 14.66	+14 50 05.8		557
(9)	1993 08 15.03207	00 41 36.32	-04 46 38.2		557	(230)	1994 01 03.78870	05 35 14.53	+14 50 05.6		557
(9)	1993 08 15.05700	00 41 36.21	-04 46 42.8		557	(230)	1994 01 03.79141	05 35 14.38	+14 50 05.1		557
(9)	1993 08 16.07712	00 41 31.89	-04 49 58.5		557	(230)	1994 01 03.79228	05 35 14.33	+14 50 04.9		557
(9)	1993 08 16.08024	00 41 31.86	-04 49 59.1		557	(230)	1994 01 03.79316	05 35 14.28	+14 50 04.8		557
(9)	1993 08 18.05847	00 41 18.42	-04 56 44.9		557	(308)	1994 01 03.79403	05 35 14.24	+14 50 04.6		557
(9)	1993 08 18.06054	00 41 18.40	-04 56 45.5		557	(308)	1994 01 12.77341	00 45 36.51	+02 32 35.0		557
(9)	1993 08 18.09480	00 41 18.03	-04 56 52.7		557	(308)	1994 01 12.77693	00 45 36.71	+02 32 36.4		557
(9)	1993 08 18.09656	00 41 18.02	-04 56 53.1		557	(308)	1994 01 12.77898	00 45 36.84	+02 32 37.2		557
(17)	1994 01 12.75141	00 51 57.42	-00 29 28.1		557	(308)	1994 01 12.78083	00 45 36.95	+02 32 37.9		557
(17)	1994 01 12.75312	00 51 57.51	-00 29 27.3		557	(326)	1994 01 12.78234	00 45 37.03	+02 32 38.5		557
(17)	1994 01 12.75807	00 51 57.82	-00 29 24.5		557	(326)	1994 01 08.97990	11 34 34.75	+37 49 13.1		557
(17)	1994 01 12.76054	00 51 57.96	-00 29 23.2		557	(326)	1994 02 02.05479	11 25 28.61	+41 29 03.3		557
(17)	1994 01 12.76237	00 51 58.07	-00 29 22.2		557	(326)	1994 02 02.05644	11 25 28.57	+41 29 04.0		557
(30)	1993 12 15.82703	05 49 07.04	+26 00 04.7	9.8 V	557	(326)	1994 02 02.05821	11 25 28.48	+41 29 04.6		557
(30)	1993 12 15.83108	05 49 06.75	+26 00 04.4		557	(326)	1994 02 02.06412	11 25 28.15	+41 29 08.0		557
(30)	1993 12 15.83317	05 49 06.61	+26 00 04.3		557	(326)	1994 02 02.06764	11 25 27.93	+41 29 09.7		557
(30)	1993 12 15.84067	05 49 06.07	+26 00 03.7	S	557	(1572)	1993 09 17.91949	00 16 59.57	-00 49 24.0	13.0 R	557
(30)	1993 12 15.84207	05 49 05.97	+26 00 03.7	S	557	(1572)	1993 09 17.93302	00 16 58.79	-00 49 23.5		557
(45)	1994 01 08.79119	01 51 59.84	+03 44 18.3	r	557	(1572)	1993 09 17.96635	00 16 56.87	-00 49 22.0	12.9 R	557
(45)	1994 01 08.80758	01 52 00.29	+03 44 23.0		557	(1572)	1993 09 17.96841	00 16 56.77	-00 49 21.1		557
(45)	1994 01 08.81101	01 52 00.38	+03 44 24.0		557	(1572)	1993 09 18.86918	00 16 06.67	-00 48 31.7	12.9 R	557
(45)	1994 01 08.81223	01 52 00.42	+03 44 24.6		557	(1572)	1993 09 18.87229	00 16 06.48	-00 48 31.3		557
(45)	1994 01 08.82061	01 52 00.64	+03 44 27.0		557	(1572)	1993 09 19.09535	00 15 53.62	-00 48 19.8		557
(78)	1994 02 01.73824	04 16 09.17	+32 06 20.2		557	(1572)	1993 09 19.09741	00 15 53.51	-00 48 19.5	12.9 R	557
(78)	1994 02 01.74189	04 16 09.31	+32 06 19.2		557	(1572)	1993 09 19.86620	00 15 10.61	-00 47 37.5	12.8 R	557
(78)	1994 02 01.74512	04 16 09.44	+32 06 18.5		557	(1572)	1993 09 19.87117	00 15 10.33	-00 47 37.1		557
(78)	1994 02 01.74932	04 16 09.62	+32 06 17.2		557	(1572)	1993 09 20.08608	00 14 57.87	-00 47 25.3		557
(78)	1994 02 01.75054	04 16 09.67	+32 06 16.8		557	(1572)	1993 09 20.09020	00 14 57.62	-00 47 25.2	13.0 R	557
(78)	1994 02 01.75176	04 16 09.71	+32 06 16.5		557	(1572)	1993 09 20.86927	00 14 13.85	-00 46 42.7	12.8 R	557
(156)	1994 01 08.82956	06 19 56.68	+14 32 20.2		557	(1572)	1993 09 20.87771	00 14 13.33	-00 46 42.2		557
(156)	1994 01 08.83374	06 19 56.43	+14 32 19.9		557	(1572)	1993 09 21.05277	00 14 03.15	-00 46 32.5		557
(156)	1994 01 08.83566	06 19 56.32	+14 32 19.9		557	(1572)	1993 09 21.05652	00 14 02.94	-00 46 32.3	12.9 R	557
(156)	1994 01 08.83774	06 19 56.22	+14 32 19.7		557	(1572)	1993 09 22.96149	00 12 14.48	-00 44 47.1	12.7 R	557

(1572)	1993 09 22.96337	00 12 14.37	-00 44 47.0		557	(3159)	1993 12 11.95320	05 33 48.26	+09 08 56.2	17.5	560
(1572)	1993 09 23.10184	00 12 06.23	-00 44 39.3	12.8 R	557	(3159)	1993 12 11.96269	05 33 47.71	+09 08 53.8		560
(1572)	1993 09 23.10516	00 12 06.04	-00 44 38.9		557	(3159)	1993 12 11.97005	05 33 47.26	+09 08 51.5		560
(1620)	1994 01 03.81865	07 56 06.47	+48 45 03.0		557	(4335)	1993 12 02.93634	04 25 18.08	+25 02 17.5	15.4	560
(1620)	1994 01 03.82792	07 56 04.76	+48 45 06.8		557	(4335)	1993 12 02.94703	04 25 17.28	+25 02 17.3		560
(1620)	1994 01 03.82984	07 56 04.35	+48 45 07.4		557	(4335)	1993 12 02.95745	04 25 16.48	+25 02 16.5		560
(1620)	1994 01 03.83175	07 56 04.01	+48 45 08.1		557	(4335)	1993 12 02.96072	04 25 16.23	+25 02 16.2		560
(1620)	1994 01 03.83367	07 56 03.64	+48 45 08.9		557	(5720)	1993 11 15.99356	03 09 17.75	+21 28 58.7	15.9	560
(1620)	1994 01 03.83558	07 56 03.23	+48 45 09.5		557	(5720)	1993 11 16.00101	03 09 16.95	+21 29 04.3		560
(1620)	1994 01 12.81120	07 25 12.71	+49 03 30.8		557	(5720)	1993 11 16.00815	03 09 16.17	+21 29 09.7		560
(1620)	1994 01 12.81418	07 25 12.01	+49 03 30.4		557	(5744)	1993 11 30.85008	01 30 15.02	+04 09 46.5	16.6	560
(1620)	1994 01 12.81822	07 25 11.12	+49 03 30.1		557	(5744)	1993 11 30.89355	01 30 15.14	+04 09 45.1		560
(1620)	1994 01 12.82112	07 25 10.49	+49 03 29.5		557	(5744)	1993 12 02.89551	01 30 29.05	+04 09 32.9		560
(1620)	1994 01 13.80831	07 21 34.33	+49 00 35.5		557	(5744)	1993 12 02.89890	01 30 29.06	+04 09 32.6		560
(1620)	1994 01 13.81153	07 21 33.61	+49 00 34.9		557	(5793)	1993 12 16.94744	05 34 25.96	+25 33 43.1	16.5	560
(1620)	1994 01 13.81395	07 21 33.07	+49 00 34.7		557	(5793)	1993 12 16.95365	05 34 25.51	+25 33 45.0		560
(1620)	1994 01 13.81654	07 21 32.49	+49 00 34.2		557	(5793)	1993 12 16.96547	05 34 24.75	+25 33 47.6		560
(1620)	1994 01 13.81878	07 21 31.99	+49 00 33.8		557						
(1620)	1994 01 18.07294	07 05 59.24	+48 35 59.5		557						
(1620)	1994 01 18.10272	07 05 52.69	+48 35 43.7		557						
(1620)	1994 01 18.12156	07 05 48.57	+48 35 33.8		557						
(1620)	1994 01 18.14802	07 05 42.80	+48 35 19.7		557						
(1620)	1994 01 18.17852	07 05 36.18	+48 35 03.6		557						
(1620)	1994 01 18.20469	07 05 30.50	+48 34 49.3		557						
(1620)	1994 01 20.10631	06 58 43.21	+48 17 23.1		557						
(1620)	1994 01 20.11552	06 58 41.24	+48 17 17.1		557						
(1620)	1994 01 20.11744	06 58 40.82	+48 17 15.8		557						
(1620)	1994 01 20.11936	06 58 40.42	+48 17 14.5		557						
(1620)	1994 01 20.12128	06 58 40.01	+48 17 13.2		557						
(1620)	1994 01 20.12322	06 58 39.60	+48 17 12.0		557						
(1866)	1993 12 11.93938	10 47 31.22	+63 05 18.8		557						
(1866)	1993 12 11.94122	10 47 31.33	+63 05 23.0	15.3 V	557						
(1866)	1993 12 11.98902	10 47 34.54	+63 07 05.2		557						
(1866)	1993 12 11.99847	10 47 35.18	+63 07 25.3		557						
(1866)	1993 12 12.04443	10 47 38.20	+63 09 03.9		557						
(1866)	1993 12 12.05291	10 47 38.76	+63 09 22.1		557						
(1866)	1993 12 12.06630	10 47 39.62	+63 09 50.5		557						
560 Madonna di Dossobuono											
L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy											
Observers L. Lai, I. Rocchetti, G. Vesentini											
0.40-m $f/3.5$ reflector + CCD											
GSC											
1974 SJ ₃	1993 12 04.91035	03 37 19.08	+43 14 28.9	16.0	560	1993 YN ₂	1994 01 13.88681	05 15 00.04	+21 08 46.0		587
1974 SJ ₃	1993 12 04.91634	03 37 18.66	+43 14 27.6		560	1993 YN ₂	1994 01 13.91667	05 14 59.12	+21 08 42.5		587
1974 SJ ₃	1993 12 04.92393	03 37 18.10	+43 14 26.2		560	1993 YN ₂	1994 01 29.73644	05 13 35.76	+20 50 49.0	18.3 V	587
1986 QN ₃	1993 12 17.90615	03 54 22.33	+19 13 43.7	16.8	560	1993 YN ₂	1994 01 29.75716	05 13 36.09	+20 50 46.4		587
1986 QN ₃	1993 12 17.91435	03 54 22.01	+19 13 42.3		560	1993 YN ₂	1994 01 29.79077	05 13 36.42	+20 50 47.1		587
1986 QN ₃	1993 12 17.92149	03 54 21.64	+19 13 42.5		560	1993 YN ₂	1994 01 29.80101	05 13 36.42	+20 50 45.9		587
1986 QN ₃	1993 12 17.94957	03 54 20.40	+19 13 42.9		560	1994 AB ₁	1994 01 30.83411	07 38 16.04	+31 12 12.4		587
(2754)	1993 12 16.94744	05 35 00.25	+25 24 40.0	15.2	560	1994 AB ₁	1994 01 30.85008	07 38 15.69	+31 12 09.4		587
(2754)	1993 12 16.95365	05 34 59.82	+25 24 38.2		560	1994 AB ₁	1994 01 30.85630	07 38 15.53	+31 12 08.3		587
(2754)	1993 12 16.96547	05 34 58.91	+25 24 35.3		560	1994 AW ₁	1994 01 22.89824	06 41 40.32	+01 38 05.1		587
						1994 AW ₁	1994 01 22.90769	06 41 38.20	+01 37 22.5		587
568 Mauna Kea Observatory											
D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A.											
Observer D. J. Tholen											
2.2-m reflector + CCD											
GSC											
1994 CB	1994 02 04.51958	08 51 35.98	+07 55 55.8		568						
573 Eldagsen											
W. Bonk, Nordstrasse 33, D-31832 Springe, Germany											
AGK3											
(30)	1994 01 08.88225	05 24 43.89	+25 15 13.6		573						
(30)	1994 01 08.88503	05 24 43.73	+25 15 13.5		573						
(389)	1993 10 07.80934	01 36 16.76	+23 10 42.2		573						
(389)	1993 10 07.81698	01 36 16.35	+23 10 39.7		573						
(498)	1994 01 08.89724	06 19 20.22	+23 44 36.4		573						
(498)	1994 01 08.90048	06 19 20.05	+23 44 37.2		573						
587 Sormano											
P. Sicoli, Via Valli 9, I-22040 Garbagnate Monastero (Como), Italy											
Observers P. Sicoli, E. Colzani, A. Testa, V. Giuliani, G. Ventre											
Measurer M. Cavagna											
0.5-m reflector + CCD											
PPM, GSC											
1993 YN ₂	1994 01 13.88681	05 15 00.04	+21 08 46.0		587						
1993 YN ₂	1994 01 13.91667	05 14 59.12	+21 08 42.5		587						
1993 YN ₂	1994 01 29.73644	05 13 35.76	+20 50 49.0	18.3 V	587						
1993 YN ₂	1994 01 29.75716	05 13 36.09	+20 50 46.4		587						
1993 YN ₂	1994 01 29.79077	05 13 36.42	+20 50 47.1		587						
1993 YN ₂	1994 01 29.80101	05 13 36.42	+20 50 45.9		587						
1994 AB ₁	1994 01 30.83411	07 38 16.04	+31 12 12.4		587						
1994 AB ₁	1994 01 30.85008	07 38 15.69	+31 12 09.4		587						
1994 AB ₁	1994 01 30.85630	07 38 15.53	+31 12 08.3		587						
1994 AW ₁	1994 01 22.89824	06 41 40.32	+01 38 05.1		587						
1994 AW ₁	1994 01 22.90769	06 41 38.20	+01 37 22.5		587						

1994 AW ₁	1994 01 22.92203	06 41 35.04	+01 36 16.4		587	1994 AE ₃	1994 01 20.90832	07 31 08.74	+24 23 10.1		589
1994 AW ₁	1994 01 29.84948	06 21 58.59	-05 42 57.3	16.3 V	587	1994 AE ₃	1994 01 30.89329	07 20 36.82	+24 30 58.3		589
1994 AW ₁	1994 01 29.85673	06 21 57.55	-05 43 20.2		587	1994 AE ₃	1994 01 30.90591	07 20 36.03	+24 30 57.7		589
1994 AD ₃	1994 01 13.88681	05 12 48.48	+21 00 13.2		587	1994 AE ₃	1994 01 30.91882	07 20 35.29	+24 30 59.1	18.7 V	589
1994 AD ₃	1994 01 13.91667	05 12 48.00	+21 00 19.1		587	1994 BD	* 1994 01 18.87573	07 32 52.31	+24 23 07.6	18.3 V	589
1994 AD ₃	1994 01 29.77711	05 13 34.69	+21 56 52.7	17.6 V	587	1994 BD	1994 01 18.88595	07 32 51.78	+24 23 08.8		589
1994 AD ₃	1994 01 29.81535	05 13 35.34	+21 57 01.1		587	1994 BD	1994 01 18.89589	07 32 51.25	+24 23 09.4		589
(2105)	1994 01 30.91011	06 49 16.84	+02 09 05.9		587	1994 BD	1994 01 20.89087	07 31 01.85	+24 28 22.7		589
(2105)	1994 01 30.91685	06 49 16.45	+02 09 02.6		587	1994 BD	1994 01 20.90331	07 31 01.25	+24 28 25.8		589
(2817)	1993 10 25.90042	03 27 50.56	+21 05 15.8		587	1994 BD	1994 01 20.90832	07 31 00.98	+24 28 26.3		589
(2817)	1993 10 25.91193	03 27 49.94	+21 05 12.6		587	1994 BN ₄	1994 02 03.88395	08 56 06.32	+09 08 03.6		589
(2855)	1994 01 30.93054	06 49 08.09	+33 13 45.4		587	1994 BN ₄	1994 02 03.90728	08 56 04.73	+09 08 09.4		589
(2855)	1994 01 30.94059	06 49 07.60	+33 13 40.8		587	1994 BN ₄	1994 02 03.92057	08 56 03.89	+09 08 11.4		589
(3546)	1994 01 30.87098	07 14 58.52	+29 18 47.4		587	1994 BN ₄	1994 02 03.93186	08 56 03.14	+09 08 14.7		589
(3546)	1994 01 30.88196	07 14 58.00	+29 18 45.9		587	1994 BN ₄	1994 02 03.93784	08 56 02.73	+09 08 15.3	17.5 V	589
589 Santa Lucia Stroncone						1994 BT ₄	* 1994 01 29.80654	07 24 35.73	+24 43 58.8		589
A. Vagnozzi, Via Santa Lucia 68, I-05039 Stroncone (Terni), Italy						1994 BT ₄	1994 01 29.82052	07 24 35.03	+24 44 02.0	18.5 V	589
Observers A. Vagnozzi, V. Risoldi, G. Bernabei, E. Gregori, F. Lombardi						1994 BT ₄	1994 01 29.84156	07 24 33.95	+24 44 04.2		589
Measurers A. Vagnozzi						1994 BT ₄	1994 01 30.84126	07 23 43.74	+24 46 53.6		589
0.50-m <i>f</i> /2.8 Ritchey-Chrétien + CCD						1994 BT ₄	1994 01 30.85109	07 23 43.23	+24 46 55.4		589
GSC						1994 BT ₄	1994 01 30.86207	07 23 42.58	+24 46 57.3		589
1992 RM ₇	1994 01 29.80654	07 24 52.42	+24 40 54.0		589	1994 BU ₄	1994 01 31.89751	08 51 01.77	+11 49 47.5		589
1992 RM ₇	1994 01 29.82052	07 24 51.82	+24 40 55.0	18.0 V	589	1994 BU ₄	* 1994 01 31.91300	08 51 00.78	+11 49 50.3	19.0 V	589
1992 RM ₇	1994 01 29.84156	07 24 50.78	+24 40 56.6		589	1994 BU ₄	1994 01 31.91951	08 51 00.33	+11 49 50.7		589
1992 RM ₇	1994 01 30.84126	07 24 05.84	+24 42 28.5		589	1994 BU ₄	1994 02 09.92405	08 41 29.02	+12 08 09.8		589
1992 RM ₇	1994 01 30.85109	07 24 05.38	+24 42 30.0		589	1994 BU ₄	1994 02 09.94252	08 41 27.97	+12 08 14.8	18.8 V	589
1992 RM ₇	1994 01 30.86207	07 24 04.86	+24 42 31.5		589	1994 BU ₄	1994 02 09.95419	08 41 27.16	+12 08 17.0		589
1993 SG	1994 02 05.74051	02 08 41.08	+18 07 15.0		589	1994 CY	* 1994 02 07.81111	02 11 28.67	+18 13 16.7		I 589
1993 SG	1994 02 05.74721	02 08 41.81	+18 07 18.0		589	1994 CY	1994 02 07.82141	02 11 29.68	+18 13 19.2	19.0 V	589
1993 SG	1994 02 05.75185	02 08 42.27	+18 07 20.8		589	1994 CY	1994 02 07.83171	02 11 30.71	+18 13 20.3		589
1993 SG	1994 02 05.75896	02 08 43.05	+18 07 23.3		589	1994 CY	1994 02 07.84358	02 11 31.89	+18 13 22.9		589
1993 XA	1994 01 18.77367	06 16 00.36	+24 43 54.8		589	1994 CY	1994 02 09.76665	02 14 43.54	+18 17 47.3		589
1993 XA	1994 01 18.78397	06 15 59.86	+24 43 55.6		589	1994 CY	1994 02 09.78844	02 14 45.74	+18 17 50.7		589
1993 XA	1994 01 18.79427	06 15 59.33	+24 43 56.4		589	1994 CY	1994 02 09.80127	02 14 47.03	+18 17 53.3		589
1993 XA	1994 01 28.85551	06 09 18.48	+24 55 38.5		589	1994 CZ	* 1994 02 07.89047	07 14 37.99	+25 46 57.7	18.0 V	589
1993 XA	1994 01 28.86550	06 09 18.20	+24 55 39.5		589	1994 CZ	1994 02 07.90330	07 14 37.47	+25 46 56.6		589
1993 XA	1994 01 28.87988	06 09 17.65	+24 55 40.7		589	1994 CZ	1994 02 07.91546	07 14 37.01	+25 46 56.3		589
1993 XA	1994 01 29.76001	06 08 51.05	+24 56 31.3		589	1994 CZ	1994 02 07.93272	07 14 36.32	+25 46 57.4		589
1993 XA	1994 01 29.77138	06 08 50.69	+24 56 32.3		589	1994 CZ	1994 02 09.88031	07 13 24.60	+25 46 56.4		589
1993 XA	1994 01 29.78228	06 08 50.36	+24 56 33.3		589	1994 CZ	1994 02 09.88978	07 13 24.32	+25 46 56.2		589
1993 YU	1994 01 18.74267	01 24 34.31	+12 52 11.3		589	1994 CZ	1994 02 09.89763	07 13 24.06	+25 46 56.0		589
1993 YU	1994 01 18.75171	01 24 34.87	+12 52 11.6		589	(1153)	1993 12 17.98260	06 47 45.44	+23 32 03.2		589
1993 YU	1994 01 28.78103	01 36 22.52	+13 25 36.3		589	(1153)	1993 12 17.99846	06 47 44.33	+23 32 03.4		589
1993 YU	1994 01 28.80213	01 36 24.05	+13 25 40.5		589	(1153)	1993 12 18.01340	06 47 43.27	+23 32 03.4		589
1993 YU	1994 01 28.81620	01 36 25.09	+13 25 44.2		589	(2528)	1994 01 15.91420	06 47 26.85	+22 23 22.4		589
1993 YU	1994 01 31.76540	01 40 04.79	+13 37 03.7		589	(2528)	1994 01 15.93314	06 47 25.90	+22 23 23.2		589
1993 YU	1994 01 31.77230	01 40 05.30	+13 37 05.2		589						
1994 AJ ₂	1994 01 18.85187	07 33 07.18	+24 01 47.5		589	595 Farra d'Isonzo					
1994 AJ ₂	1994 01 18.86145	07 33 06.59	+24 01 47.6		589	L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy					
1994 AD ₃	1994 01 18.95596	05 11 55.98	+21 18 04.6	17.8 V	589	Observers L. Bittesini, W. Boschin, F. Damonte, G. Lombardi, E. Pettarin,					
1994 AD ₃	1994 01 18.97348	05 11 55.87	+21 18 07.6		589	F. Piani, A. Toso					
1994 AE ₃	1994 01 20.90331	07 31 09.05	+24 23 09.3		589	Measurers E. Pettarin, A. Toso					

1983 XH ₁	1994 02 07.95903	10 46 14.70	+03 02 09.6	596	(49)	1993 10 18.88034	00 40 38.68	+10 15 43.9	597
1992 PS ₆	1994 02 09.88002	09 34 51.67	+04 23 38.9	596	(49)	1993 10 18.88659	00 40 38.36	+10 15 41.5	597
1992 PS ₆	1994 02 09.90059	09 34 50.48	+04 23 44.9	596	(109)	1993 10 18.88034	00 43 39.43	+09 24 28.2	597
1992 TH ₁	1994 01 27.96087	11 05 43.20	+09 07 05.1	596	(109)	1993 10 18.88659	00 43 39.01	+09 24 28.5	597
1992 TH ₁	1994 01 27.99099	11 05 42.46	+09 07 22.2	596	(391)	1993 11 12.99368	03 20 05.20	+02 10 08.3	597
1994 AD ₂	1994 01 29.76585	07 11 52.91	+17 21 06.8	596	(391)	1993 11 12.99961	03 20 04.90	+02 09 59.8	597
1994 AD ₂	1994 01 29.82542	07 11 49.43	+17 20 41.6	596	(574)	1993 10 17.82402	01 35 55.84	+20 46 11.5	597
1994 AD ₂	1994 01 30.77614	07 10 53.42	+17 14 22.2	596	(574)	1993 10 17.84346	01 35 54.61	+20 46 11.4	597
1994 AD ₂	1994 01 30.80366	07 10 51.95	+17 14 10.3	596	(658)	1993 10 17.85042	01 52 25.46	+13 05 09.2	597
1994 AM ₂	1994 01 30.83960	08 36 17.95	+12 48 36.1	15.6 V	596	1993 10 17.86209	01 52 24.86	+13 05 06.3	597
1994 AM ₂	1994 01 30.86198	08 36 16.16	+12 48 28.9	596	(735)	1993 10 18.89666	02 50 58.36	+10 55 43.0	597
1994 AM ₂	1994 01 30.88773	08 36 14.08	+12 48 21.1	596	(735)	1993 10 18.90924	02 50 57.47	+10 55 49.3	597
1994 AM ₂	1994 01 31.83432	08 34 59.36	+12 43 27.1	596	(852)	1993 10 17.86209	01 55 52.97	+12 14 42.5	597
1994 AM ₂	1994 01 31.85928	08 34 57.37	+12 43 19.9	596	(852)	1993 10 17.86591	01 55 52.59	+12 14 44.3	597
1994 AM ₂	1994 01 31.88199	08 34 55.55	+12 43 12.8	596	(1459)	1993 11 12.96292	02 29 31.88	+16 10 00.7	597
1994 BC	* 1994 01 16.89132	08 50 32.61	+11 47 27.6	17.1 V	596	1993 11 12.98050	02 29 30.83	+16 10 04.0	597
1994 BC	1994 01 16.91265	08 50 31.53	+11 47 34.0	596					
1994 BC	1994 01 16.92091	08 50 30.63	+11 47 39.4	596					
1994 BC	1994 01 18.87621	08 48 41.74	+11 54 28.4	596					
1994 BC	1994 01 18.90280	08 48 40.28	+11 54 35.8	596					
1994 BC	1994 01 18.92091	08 48 39.09	+11 54 40.1	596					
1994 BC	1994 01 29.84089	08 37 58.90	+12 38 21.8	596	(2855)	1993 10 18.99580	07 14 28.31	+32 35 48.5	16.6 R 605
1994 BC	1994 01 29.87126	08 37 56.88	+12 38 33.9	596	(2855)	1993 10 19.00302	07 14 28.85	+32 35 46.7	16.1 R 605
1994 BC	1994 01 29.88906	08 37 55.62	+12 38 39.7	596	(2855)	1993 11 17.97103	07 42 31.69	+33 28 45.9	15.8 R 605
1994 BC	1994 01 30.83960	08 36 59.78	+12 42 42.4	596	(2855)	1993 11 18.04306	07 42 33.26	+33 28 57.8	15.8 R 605
1994 BC	1994 01 30.86198	08 36 58.47	+12 42 50.5	596	(2855)	1993 11 18.04986	07 42 33.39	+33 28 59.1	16.3 R 605
1994 BC	1994 01 30.88773	08 36 56.84	+12 42 58.1	596	(2855)	1993 11 18.05323	07 42 33.49	+33 28 59.1	16.3 R 605
1994 BC	1994 01 31.83432	08 36 01.06	+12 47 04.0	596	(2855)	1993 11 18.93023	07 42 53.88	+33 31 10.2	15.7 R 605
1994 BC	1994 01 31.85928	08 35 59.71	+12 47 11.9	596	(2855)	1993 11 18.94457	07 42 54.20	+33 31 11.7	16.2 R 605
1994 BC	1994 01 31.88199	08 35 58.50	+12 47 19.3	596	(2855)	1993 11 18.95241	07 42 54.28	+33 31 13.4	15.9 R 605
1994 BC	1994 02 07.82830	08 29 19.43	+13 17 49.3	596	(2855)	1993 11 25.91640	07 44 26.13	+33 49 46.9	15.7 R 605
1994 BC	1994 02 07.85300	08 29 17.99	+13 17 58.0	596	(2855)	1993 11 25.94984	07 44 26.09	+33 49 53.4	15.2 R 605
1994 BC	1994 02 07.85834	08 29 17.62	+13 17 59.5	596	(2855)	1994 01 08.95446	07 10 50.25	+34 50 11.7	15.6 R 605
1994 CE ₁	* 1994 02 09.91543	10 46 03.20	+02 35 32.3	17.3 V	596	1994 01 08.95925	07 10 49.93	+34 50 10.2	15.7 R 605
1994 CE ₁	1994 02 09.93939	10 46 01.58	+02 35 31.0	596	(2855)	1994 01 08.96454	07 10 49.55	+34 50 09.2	15.5 R 605
1994 CE ₁	1994 02 09.95435	10 46 00.90	+02 35 30.2	596	(2855)	1994 01 08.97406	07 10 48.72	+34 50 08.5	15.5 R 605
1994 CE ₁	1994 02 10.91937	10 45 04.10	+02 34 34.2	596	(2855)	1994 01 09.06578	07 10 41.86	+34 49 55.5	15.4 R 605
1994 CE ₁	1994 02 10.93632	10 45 03.07	+02 34 35.0	596	(2855)	1994 01 09.07030	07 10 41.41	+34 49 56.2	15.5 R 605
1994 CE ₁	1994 02 10.94987	10 45 02.17	+02 34 35.5	596	(2855)	1994 01 09.07389	07 10 41.26	+34 49 56.3	15.4 R 605
(231)	1993 12 03.86797	05 14 52.78	+30 12 51.5	596	(2855)	1994 01 16.93014	07 01 31.91	+34 25 21.1	15.8 R 605
(231)	1993 12 03.88426	05 14 51.74	+30 12 52.4	596	(2855)	1994 01 16.93426	07 01 31.67	+34 25 20.1	15.8 R 605
(231)	1993 12 03.89250	05 14 51.33	+30 12 52.1	596	(2855)	1994 01 16.94278	07 01 31.04	+34 25 17.4	15.5 R 605
(4529)	1994 01 29.76585	07 11 59.63	+17 27 24.2	596	(2855)	1994 01 16.98107	07 01 28.43	+34 25 09.2	15.5 R 605
(4529)	1994 01 29.82542	07 11 56.95	+17 27 43.6	596	(2855)	1994 01 16.98786	07 01 27.93	+34 25 07.5	15.8 R 605
(5765)	1993 12 03.91591	06 17 21.98	+25 46 48.3	596					
(5765)	1993 12 03.93339	06 17 20.84	+25 47 10.8	596					
(5771)	1993 11 20.89903	05 28 13.67	+30 47 46.6	596					
(5771)	1993 12 03.86797	05 16 38.48	+30 08 48.1	596					
(5771)	1993 12 03.88426	05 16 37.51	+30 08 45.8	596					
(5771)	1993 12 03.89250	05 16 36.98	+30 08 45.3	596					

605 Marl

E. Jung, Havellandstrasse 3, D-45770 Marl, Germany

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

GSC

					(2855)	1993 10 18.99580	07 14 28.31	+32 35 48.5	16.6 R 605
					(2855)	1993 10 19.00302	07 14 28.85	+32 35 46.7	16.1 R 605
					(2855)	1993 11 17.97103	07 42 31.69	+33 28 45.9	15.8 R 605
					(2855)	1993 11 18.04306	07 42 33.26	+33 28 57.8	15.8 R 605
					(2855)	1993 11 18.04986	07 42 33.39	+33 28 59.1	16.3 R 605
					(2855)	1993 11 18.05323	07 42 33.49	+33 28 59.1	16.3 R 605
					(2855)	1993 11 18.93023	07 42 53.88	+33 31 10.2	15.7 R 605
					(2855)	1993 11 18.94457	07 42 54.20	+33 31 11.7	16.2 R 605
					(2855)	1993 11 18.95241	07 42 54.28	+33 31 13.4	15.9 R 605
					(2855)	1993 11 25.91640	07 44 26.13	+33 49 46.9	15.7 R 605
					(2855)	1993 11 25.94984	07 44 26.09	+33 49 53.4	15.2 R 605
					(2855)	1994 01 08.95446	07 10 50.25	+34 50 11.7	15.6 R 605
					(2855)	1994 01 08.95925	07 10 49.93	+34 50 10.2	15.7 R 605
					(2855)	1994 01 08.96454	07 10 49.55	+34 50 09.2	15.5 R 605
					(2855)	1994 01 08.97406	07 10 48.72	+34 50 08.5	15.5 R 605
					(2855)	1994 01 09.06578	07 10 41.86	+34 49 55.5	15.4 R 605
					(2855)	1994 01 09.07030	07 10 41.41	+34 49 56.2	15.5 R 605
					(2855)	1994 01 09.07389	07 10 41.26	+34 49 56.3	15.4 R 605
					(2855)	1994 01 16.93014	07 01 31.91	+34 25 21.1	15.8 R 605
					(2855)	1994 01 16.93426	07 01 31.67	+34 25 20.1	15.8 R 605
					(2855)	1994 01 16.94278	07 01 31.04	+34 25 17.4	15.5 R 605
					(2855)	1994 01 16.98107	07 01 28.43	+34 25 09.2	15.5 R 605
					(2855)	1994 01 16.98786	07 01 27.93	+34 25 07.5	15.8 R 605

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Observers J. B. Tatum, D. D. Balam

Measurer D. D. Balam

0.5-m reflector + CCD

1978 ON	1994 01 20.35675	07 19 14.34	+27 22 11.6	657
1978 ON	1994 01 20.35978	07 19 14.10	+27 22 11.5	657

597 Springe

N. Ehring, Berliner Ring 30, D-50321 Brühl, Federal Republic of Germany

1978 VU ₇	1994 01 13.40556	09 49 18.62	+13 48 27.4	2 675	1987 QW ₂	1991 03 12.27222	11 11 07.36	+06 54 01.8	9 675
1978 VU ₇	1994 01 13.42969	09 49 17.54	+13 48 30.5	2 675	1987 QW ₂	1991 03 12.30851	11 11 05.59	+06 54 10.1	9 675
1978 VT ₁₀	1991 03 12.27222	11 13 03.49	+02 13 23.9	9 675	1987 RC ₁	1991 03 09.28889	11 38 57.23	+03 37 29.0	9 675
1978 VT ₁₀	1991 03 12.30851	11 13 01.25	+02 13 40.4	9 675	1987 RC ₁	1991 03 09.31788	11 38 55.96	+03 37 36.9	9 675
1979 SP ₁₄	1989 05 30.35625	15 30 06.47	-15 56 36.5	9 675	1988 NR	1994 01 11.12188	03 28 09.51	+21 06 41.7	17.0 2 675
1979 SP ₁₄	1989 05 30.38854	15 30 05.03	-15 56 33.9	9 675	1988 NR	1994 01 11.14618	03 28 09.68	+21 06 34.0	2 675
1979 SP ₁₄	1989 06 01.19375	15 28 47.75	-15 53 00.2	9 675	1988 NR	1994 01 13.13229	03 28 34.46	+20 56 55.3	2 675
1979 SP ₁₄	1989 06 01.22569	15 28 46.15	-15 52 56.9	9 675	1988 NR	1994 01 13.14861	03 28 34.80	+20 56 50.4	2 675
1980 GO	1991 03 09.28889	11 25 26.19	+04 51 05.6	9 675	1988 PX ₂	1991 03 12.27222	10 57 56.52	+02 17 11.6	9 675
1980 GO	1991 03 09.31788	11 25 24.89	+04 51 15.3	9 675	1988 PX ₂	1991 03 12.30851	10 57 55.04	+02 17 27.8	9 675
1980 GO	1991 03 12.27222	11 23 13.53	+05 07 05.7	9 675	1988 RS ₄	1991 03 09.28889	11 22 00.43	+04 22 14.3	9 675
1980 GO	1991 03 12.30851	11 23 11.86	+05 07 17.1	9 675	1988 RS ₄	1991 03 09.31788	11 21 58.86	+04 22 22.6	9 675
1981 EH ₁₉	1991 03 12.35035	11 52 27.95	+01 51 03.9	9 675	1988 RS ₄	1991 03 12.27222	11 19 29.30	+04 37 10.4	9 675
1981 EH ₁₉	1991 03 12.38264	11 52 25.89	+01 51 11.9	9 675	1988 RS ₄	1991 03 12.30851	11 19 27.47	+04 37 22.0	9 675
1981 ED ₂₄	1991 03 09.28889	11 20 31.53	+04 36 02.8	9 675	1988 RD ₅	1991 03 12.27222	11 01 28.43	+08 56 59.9	9 675
1981 ED ₂₄	1991 03 09.31788	11 20 30.04	+04 36 15.1	9 675	1988 RD ₅	1991 03 12.30851	11 01 26.66	+08 57 08.4	9 675
1981 ED ₂₄	1991 03 12.27222	11 18 20.50	+04 58 59.6	9 675	1988 RU ₆	1991 03 12.27222	11 08 32.78	+03 49 22.8	9 675
1981 ED ₂₄	1991 03 12.30851	11 18 18.86	+04 59 17.3	9 675	1988 RU ₆	1991 03 12.30851	11 08 30.87	+03 49 37.0	9 675
1981 EK ₂₅	1989 05 30.35625	15 19 11.53	-21 52 05.5	9 675	1988 VQ ₂	1994 01 12.37240	07 42 02.95	+42 33 17.3	16.5 2 675
1981 EK ₂₅	1989 05 30.38854	15 19 09.61	-21 51 57.2	9 675	1988 VQ ₂	1994 01 12.39686	07 42 01.02	+42 33 23.8	2 675
1981 EK ₂₅	1989 06 01.22569	15 17 34.89	-21 44 20.7	9 675	1988 VQ ₂	1994 01 16.45503	07 37 00.69	+42 49 38.3	2 675
1981 ES ₂₇	1991 03 09.28889	11 47 56.50	+05 10 44.4	9 675	1988 VQ ₂	1994 01 16.48229	07 36 58.54	+42 49 44.5	2 675
1981 ES ₂₇	1991 03 09.31788	11 47 54.61	+05 10 47.1	9 675	1988 VR ₂	1994 01 11.12188	03 46 10.44	+16 37 39.7	16.5 2 675
1981 ET ₂₇	1991 03 09.28889	11 37 37.68	+02 40 32.4	9 675	1988 VR ₂	1994 01 11.14618	03 46 10.39	+16 37 54.7	2 675
1981 ET ₂₇	1991 03 09.31788	11 37 36.30	+02 40 42.2	9 675	1988 VR ₂	1994 01 13.13229	03 46 25.92	+16 56 38.6	2 675
1981 EZ ₂₇	1989 05 30.35625	14 56 23.41	-16 40 01.3	9 675	1988 VR ₂	1994 01 13.14861	03 46 25.85	+16 56 46.7	2 675
1981 EZ ₂₇	1989 05 30.38854	14 56 22.02	-16 39 55.9	9 675	1989 AB ₃	1955 07 24.40347	21 57 14.44	-19 11 37.4	6 675
1981 EH ₃₄	1991 03 12.35035	12 09 45.12	-01 26 34.4	9 675	1989 AB ₃	1955 07 24.43056	21 57 13.40	-19 11 49.5	18.5 6 675
1981 EH ₃₄	1991 03 12.38264	12 09 43.62	-01 26 25.2	9 675	1989 EC	1994 01 13.50677	11 03 09.80	+29 01 11.3	15.5 2 675
1982 RW	1991 03 12.27222	11 00 48.94	+05 02 30.6	9 675	1989 EC	1994 01 13.52431	11 03 09.01	+29 01 05.4	2 675
1982 RW	1991 03 12.30851	11 00 46.61	+05 02 42.8	9 675	1989 EC	1994 01 16.53681	11 00 38.61	+28 50 48.0	2 675
1982 SO ₄	1991 03 12.35035	12 08 56.48	+03 18 18.1	9 675	1989 KT	* 1989 05 30.35625	15 27 20.81	-16 34 57.9	9 675
1982 SO ₄	1991 03 12.38264	12 08 54.35	+03 18 25.8	9 675	1989 KT	1989 05 30.38854	15 27 19.23	-16 34 55.4	9 675
1982 SG ₁₂	1991 03 09.28889	11 37 00.66	-00 03 55.9	17.5 9 675	1989 SG	1991 03 12.35035	12 03 26.10	-00 19 24.1	9 675
1982 SG ₁₂	1991 03 09.31788	11 36 58.97	-00 03 41.0	9 675	1989 SG	1991 03 12.38264	12 03 24.04	-00 19 17.6	9 675
1983 UC	1989 05 30.38854	15 16 40.01	-22 10 40.5	9 675	1989 SQ	1994 01 09.31285	07 04 31.64	+24 52 34.6	9 675
1983 UC	1989 06 01.19375	15 14 52.47	-22 06 53.7	9 675	1989 SQ	1994 01 09.34531	07 04 29.37	+24 52 31.0	9 675
1983 UC	1989 06 01.22569	15 14 50.52	-22 06 49.2	9 675	1989 TU ₁₀	1994 01 11.28021	06 50 14.76	+11 13 58.2	16.0 2 675
1984 DZ	1991 03 12.30851	10 51 39.28	+07 12 14.0	9 675	1989 TU ₁₀	1994 01 11.30417	06 50 13.28	+11 14 03.8	2 675
1985 CV ₁	1991 03 12.38264	11 52 10.33	+03 18 43.2	9 675	1989 TU ₁₀	1994 01 16.39809	06 45 42.21	+11 38 41.4	16.0 2 675
1986 UG	1991 03 09.28889	11 25 26.63	+06 25 49.9	9 675	1989 TU ₁₀	1994 01 16.41997	06 45 41.13	+11 38 48.3	2 675
1986 UG	1991 03 09.31788	11 25 24.85	+06 26 03.0	9 675	1989 TL ₁₅	1991 03 12.27222	10 57 09.26	+05 42 30.2	9 675
1986 UG	1991 03 12.27222	11 22 27.60	+06 47 27.8	9 675	1989 TL ₁₅	1991 03 12.30851	10 57 07.20	+05 42 42.4	9 675
1986 UG	1991 03 12.30851	11 22 25.13	+06 47 44.4	9 675	1989 UO ₁	1991 03 12.30851	11 06 08.09	+02 38 40.7	9 675
1986 UQ	1991 03 12.27222	11 05 56.09	+01 56 57.5	9 675	1990 BN ₂	1994 01 12.21250	04 57 21.70	+22 46 26.0	16.5 2 675
1986 UQ	1991 03 12.30851	11 05 53.79	+01 57 13.5	9 675	1990 BN ₂	1994 01 12.23472	04 57 21.05	+22 46 33.1	2 675
1986 UY	1991 03 12.27222	10 53 56.96	+08 05 16.2	9 675	1990 BN ₂	1994 01 16.21145	04 55 23.08	+23 11 15.2	2 675
1986 UY	1991 03 12.30851	10 53 54.67	+08 05 24.3	9 675	1990 BN ₂	1994 01 16.24097	04 55 22.17	+23 11 27.4	2 675
1987 BO ₁	1994 01 16.13437	03 48 26.15	+27 37 40.5	15.0 2 675	1990 FR	1994 01 12.47240	09 57 50.59	+19 05 20.6	15.0 2 675
1987 BO ₁	1994 01 16.35625	03 48 36.74	+27 33 20.8	2 675	1990 FR	1994 01 12.49514	09 57 50.52	+19 05 39.3	2 675
1987 BS ₂	1991 03 12.35035	11 53 50.93	+03 01 10.7	9 675	1990 HF ₁	1994 01 11.28021	06 50 15.11	+08 48 29.8	15.0 2 675
1987 BS ₂	1991 03 12.38264	11 53 49.10	+03 01 24.1	9 675	1990 HF ₁	1994 01 11.30417	06 50 13.89	+08 48 40.1	2 675

1990 HF ₁	1994 01 16.39809	06 46 08.63	+09 25 09.4	2 675	1991 EJ ₈	1991 03 09.31788	11 29 45.69	+03 48 43.0	9 675
1990 HF ₁	1994 01 16.41997	06 46 07.53	+09 25 20.1	2 675	1991 EK ₈	* 1991 03 09.28889	11 32 20.46	+01 24 03.5	9 675
1990 SM ₆	1989 05 30.38854	15 16 36.10	-21 51 11.6	9 675	1991 EK ₈	1991 03 09.31788	11 32 18.58	+01 24 08.9	9 675
1990 SM ₆	1989 06 01.19375	15 14 54.40	-21 47 01.6	9 675	1991 EL ₈	* 1991 03 09.28889	11 37 48.54	+01 57 49.5	16.8 9 675
1990 SM ₆	1989 06 01.22569	15 14 52.42	-21 46 56.9	9 675	1991 EL ₈	1991 03 09.31788	11 37 47.05	+01 58 04.8	9 675
1990 TO ₁	1994 01 11.16649	04 58 50.12	-02 07 28.8	16.5 2 675	1991 EN ₈	* 1991 03 09.28889	11 47 41.92	+02 01 46.3	18.0 9 675
1990 TO ₁	1994 01 11.19062	04 58 49.30	-02 07 30.4	2 675	1991 EN ₈	1991 03 09.31788	11 47 40.52	+02 01 52.2	9 675
1990 TO ₁	1994 01 13.20729	04 57 58.11	-02 09 58.4	2 675	1991 EO ₈	* 1991 03 12.35035	11 52 42.11	+01 31 31.7	16.8 9 675
1990 TO ₁	1994 01 13.23194	04 57 57.43	-02 09 59.4	2 675	1991 EO ₈	1991 03 12.38264	11 52 40.07	+01 31 41.1	9 675
1991 CC ₁	1994 01 12.26458	05 46 08.57	+14 56 33.6	16.0 2 675	1991 EP ₈	* 1991 03 12.35035	11 58 55.99	-01 06 39.7	9 675
1991 CC ₁	1994 01 12.29045	05 46 07.09	+14 56 39.5	2 675	1991 EP ₈	1991 03 12.38264	11 58 54.19	-01 06 24.9	9 675
1991 CC ₁	1994 01 16.26528	05 42 46.83	+15 10 07.0	2 675	1991 EQ ₈	* 1991 03 12.35035	12 00 38.30	+02 08 00.9	17.8 9 675
1991 CC ₁	1994 01 16.29965	05 42 45.13	+15 10 13.9	2 675	1991 EQ ₈	1991 03 12.38264	12 00 36.67	+02 08 07.1	9 675
1991 CU ₂	1991 03 12.27222	11 00 38.29	+08 08 32.9	9 675	1991 ER ₈	* 1991 03 12.35035	12 01 04.89	+04 05 09.7	18.0 9 675
1991 CU ₂	1991 03 12.30851	11 00 36.09	+08 08 41.8	9 675	1991 ER ₈	1991 03 12.38264	12 01 03.23	+04 05 25.0	9 675
1991 CW ₂	1991 03 12.35035	12 12 38.77	+02 50 37.7	17.0 9 675	1991 ES ₈	* 1991 03 12.35035	12 02 48.24	-03 43 58.7	17.3 9 675
1991 CW ₂	1991 03 12.38264	12 12 36.75	+02 50 43.5	9 675	1991 ES ₈	1991 03 12.38264	12 02 46.66	-03 43 45.4	9 675
1991 DK	1991 03 09.28889	11 47 30.47	+03 11 10.8	9 675	1991 ET ₈	* 1991 03 12.35035	12 07 31.07	+03 00 53.3	17.2 9 675
1991 DN ₁	1991 03 12.35035	12 13 16.68	+02 54 55.2	9 675	1991 ET ₈	1991 03 12.38264	12 07 29.69	+03 01 04.1	9 675
1991 DN ₁	1991 03 12.38264	12 13 15.04	+02 55 06.7	9 675	1991 EU ₈	* 1991 03 12.35035	12 11 45.42	+01 03 39.6	17.5 9 675
1991 EA	1991 03 12.27222	11 11 38.89	+05 34 58.0	9 675	1991 EU ₈	1991 03 12.38264	12 11 43.60	+01 03 49.8	9 675
1991 EB	1991 03 13.25712	11 18 29.92	-00 41 56.3	9 675	1991 EV ₈	* 1991 03 12.35035	12 13 16.94	-00 29 54.6	17.2 9 675
1991 EB	1991 03 13.28767	11 18 28.37	-00 41 46.3	9 675	1991 EV ₈	1991 03 12.38264	12 13 15.23	-00 29 40.4	9 675
1991 EC	1991 03 09.28889	11 28 16.41	+06 47 37.1	9 675	1991 EW ₈	* 1991 03 13.25712	10 59 56.03	-01 52 11.2	9 675
1991 EC	1991 03 09.31788	11 28 14.70	+06 47 40.7	9 675	1991 EW ₈	1991 03 13.28767	10 59 54.09	-01 52 05.0	9 675
1991 ER	1991 03 09.28889	11 48 39.47	+03 09 20.8	9 675	1991 EX ₈	* 1991 03 13.25712	11 10 38.06	+02 31 49.3	9 675
1991 ER	1991 03 09.31788	11 48 37.99	+03 09 41.1	9 675	1991 EX ₈	1991 03 13.28767	11 10 36.35	+02 32 02.7	9 675
1991 EQ ₁	1991 03 09.28889	11 30 14.98	+05 30 08.5	9 675	1991 EY ₈	* 1991 03 13.25712	11 25 41.27	-03 42 57.6	17.2 9 675
1991 EQ ₁	1991 03 09.31788	11 30 13.38	+05 30 15.7	9 675	1991 EY ₈	1991 03 13.28767	11 25 39.34	-03 42 50.7	9 675
1991 ES ₁	1991 03 12.27222	11 09 18.74	+06 25 21.6	9 675	1991 EZ ₈	* 1991 03 13.25712	11 26 16.64	-02 55 33.9	17.0 9 675
1991 ES ₁	1991 03 12.30851	11 09 16.94	+06 25 45.4	9 675	1991 EZ ₈	1991 03 13.28767	11 26 15.08	-02 55 20.9	9 675
1991 EM ₃	1991 03 12.35035	11 48 43.58	-01 13 25.4	9 675	1991 FA	1991 03 09.31788	11 36 38.67	+00 59 38.3	9 675
1991 EM ₃	1991 03 12.38264	11 48 41.79	-01 13 10.7	9 675	1991 FO ₁	1991 03 12.27222	11 13 11.45	+05 21 17.1	9 675
1991 EN ₃	1991 03 12.35035	11 49 31.09	+00 15 39.8	9 675	1991 FO ₁	1991 03 12.30851	11 13 09.44	+05 21 27.9	9 675
1991 EN ₃	1991 03 12.38264	11 49 29.50	+00 15 46.0	9 675	1991 FS ₁	1991 03 12.27222	11 15 46.46	+05 28 49.8	9 675
1991 EO ₄	1991 03 12.35035	11 45 08.30	-00 19 10.9	9 675	1991 FS ₁	1991 03 12.30851	11 15 44.30	+05 29 03.4	9 675
1991 EO ₄	1991 03 12.38264	11 45 06.41	-00 18 59.9	9 675	1991 FD ₂	1991 03 12.27222	11 12 24.01	+07 24 55.3	9 675
1991 EB ₈	* 1991 03 13.21111	10 05 59.20	+06 16 07.1	17.8 9 675	1991 FD ₂	1991 03 12.30851	11 12 21.76	+07 25 03.7	9 675
1991 EB ₈	1991 03 13.24219	10 05 56.92	+06 16 27.3	9 675	1991 FJ ₂	1991 03 12.27222	11 14 48.89	+03 00 06.7	9 675
1991 EC ₈	* 1991 03 13.21111	10 15 03.30	+03 44 34.0	17.8 9 675	1991 FJ ₂	1991 03 12.30851	11 14 46.83	+03 00 25.1	9 675
1991 EC ₈	1991 03 13.24219	10 15 01.76	+03 44 46.6	9 675	1991 FL ₂	1991 03 09.28889	11 18 59.34	+04 05 29.4	9 675
1991 ED ₈	* 1991 03 13.21111	10 22 32.09	+03 33 14.9	17.5 9 675	1991 FL ₂	1991 03 09.31788	11 18 57.70	+04 05 34.0	9 675
1991 ED ₈	1991 03 13.24219	10 22 30.58	+03 33 31.3	9 675	1991 FL ₂	1991 03 12.27222	11 16 14.64	+04 12 34.0	9 675
1991 EE ₈	* 1991 03 09.28889	11 18 25.10	+04 25 15.7	17.8 9 675	1991 FL ₂	1991 03 12.30851	11 16 12.60	+04 12 38.6	9 675
1991 EE ₈	1991 03 09.31788	11 18 23.51	+04 25 27.0	9 675	1991 FN ₂	1991 03 09.28889	11 33 19.45	+04 18 15.9	17.5 9 675
1991 EF ₈	* 1991 03 09.28889	11 20 10.06	+01 46 47.5	17.2 9 675	1991 FN ₂	1991 03 09.31788	11 33 18.07	+04 18 26.7	9 675
1991 EF ₈	1991 03 09.31788	11 20 08.10	+01 46 54.8	9 675	1991 FO ₂	1991 03 09.28889	11 35 09.63	+03 07 58.8	9 675
1991 EG ₈	* 1991 03 09.28889	11 21 40.03	+01 20 21.0	17.5 9 675	1991 FO ₂	1991 03 09.31788	11 35 08.03	+03 08 10.7	9 675
1991 EG ₈	1991 03 09.31788	11 21 38.54	+01 20 33.9	9 675	1991 FT ₂	1991 03 09.28889	11 43 03.36	+04 20 12.0	9 675
1991 EH ₈	* 1991 03 09.28889	11 26 24.56	-00 22 22.2	17.2 9 675	1991 FT ₂	1991 03 09.31788	11 43 01.42	+04 20 17.2	9 675
1991 EH ₈	1991 03 09.31788	11 26 23.19	-00 22 00.5	9 675	1991 FM ₃	1991 03 09.28889	11 20 09.84	+04 41 14.9	9 675
1991 EJ ₈	* 1991 03 09.28889	11 29 46.99	+03 48 33.4	17.2 9 675	1991 FM ₃	1991 03 09.31788	11 20 08.03	+04 41 25.0	9 675

1991 FM ₃	1991 03 12.27222	11 17 18.76	+04 57 38.0		9 675	1993 TL ₁₅	1993 10 10.33767	01 08 58.45	+06 31 13.0		9 675
1991 FM ₃	1991 03 12.30851	11 17 16.57	+04 57 50.2		9 675	1993 TQ ₁₆	1993 10 13.28333	01 08 21.46	+04 07 55.5	17.5	9 675
1991 FU ₃	1991 03 09.28889	11 42 22.90	+06 09 12.1	17.0	9 675	1993 TQ ₁₆	1993 10 13.32257	01 08 18.26	+04 08 14.9		9 675
1991 FU ₃	1991 03 09.31788	11 42 20.97	+06 09 18.9		9 675	1993 TX ₂₁	* 1993 10 13.30434	00 52 49.14	+22 22 22.8	16.8	9 675
1991 FC ₅	1991 03 12.35035	12 09 58.95	+03 31 44.0	17.0	9 675	1993 TX ₂₁	1993 10 13.34340	00 52 46.72	+22 22 09.2		9 675
1991 FC ₅	1991 03 12.38264	12 09 57.28	+03 31 48.1		9 675	1993 TX ₂₁	1993 10 15.26545	00 50 57.80	+22 12 31.5		9 675
1991 GR	1994 01 12.36667	07 19 48.95	+47 33 01.9	15.0	2 675	1993 TY ₂₁	* 1993 10 13.30434	00 52 50.55	+19 13 54.9	17.0	9 675
1991 GR	1994 01 12.38993	07 19 46.88	+47 33 02.7		2 675	1993 TY ₂₁	1993 10 13.34340	00 52 48.18	+19 13 38.9		9 675
1991 GR	1994 01 16.44757	07 14 15.70	+47 31 40.9		2 675	1993 TY ₂₁	1993 10 15.26545	00 51 00.49	+19 01 00.5		9 675
1991 GQ ₁	1994 01 11.21892	05 04 00.16	+22 25 40.1	16.5	2 675	1993 TZ ₂₁	* 1993 10 13.30434	01 02 35.06	+18 56 15.0	17.2	9 675
1991 GQ ₁	1994 01 11.24253	05 03 59.26	+22 25 43.2		2 675	1993 TZ ₂₁	1993 10 13.34340	01 02 32.19	+18 56 17.7		9 675
1991 JD ₁	1994 01 11.50052	10 24 22.79	-03 05 26.2	16.5	2 675	1993 TZ ₂₁	1993 10 15.26545	01 00 17.09	+18 58 23.9		9 675
1991 JD ₁	1994 01 11.53333	10 24 22.06	-03 05 35.8		2 675	1993 TA ₂₂	* 1993 10 13.30434	01 05 02.17	+18 03 22.0	16.0	9 675
1991 JD ₁	1994 01 13.41215	10 23 42.62	-03 12 46.7		2 675	1993 TA ₂₂	1993 10 13.34340	01 05 00.14	+18 02 59.1		9 675
1991 JD ₁	1994 01 13.43576	10 23 41.79	-03 12 52.8		2 675	1993 TA ₂₂	1993 10 15.26545	01 03 28.25	+17 44 09.6		9 675
1991 NG	1994 01 11.50052	10 17 59.01	-04 45 32.8	16.5	2 675	1993 TB ₂₂	* 1993 10 13.30434	01 05 07.12	+16 31 55.8	17.5	9 675
1991 NG	1994 01 11.53333	10 17 58.18	-04 45 41.9		2 675	1993 TB ₂₂	1993 10 13.34340	01 05 04.38	+16 31 47.5		9 675
1991 NG	1994 01 13.41215	10 17 06.55	-04 53 37.7		2 675	1993 TB ₂₂	1993 10 15.26545	01 02 56.51	+16 24 26.1		9 675
1991 NQ	1994 01 11.50052	10 27 39.94	-07 09 02.3	16.5	2 675	1993 TC ₂₂	* 1993 10 13.30434	01 07 16.15	+22 28 24.2	17.2	9 675
1991 NQ	1994 01 11.53333	10 27 39.15	-07 09 26.5		2 675	1993 TC ₂₂	1993 10 13.34340	01 07 13.99	+22 28 16.6		9 675
1991 NQ	1994 01 13.41215	10 26 49.08	-07 31 28.5		2 675	1993 TC ₂₂	1993 10 15.26545	01 05 31.24	+22 22 13.7		9 675
1991 NQ	1994 01 13.43576	10 26 48.46	-07 31 42.7		2 675	1993 TD ₂₂	* 1993 10 13.30434	01 07 31.78	+18 55 20.3	16.5	9 675
1991 RD ₁₂	1953 10 01.23507	22 10 50.48	-14 16 49.3		6 675	1993 TD ₂₂	1993 10 13.34340	01 07 28.91	+18 55 26.0		9 675
1991 RD ₁₂	1953 10 01.25903	22 10 49.93	-14 16 53.1		6 675	1993 TD ₂₂	1993 10 15.26545	01 05 13.61	+19 00 29.6		9 675
1992 MA	1991 03 09.28889	11 34 59.57	+02 23 59.0		9 675	1993 TE ₂₂	* 1993 10 13.30434	01 07 44.99	+20 37 23.1	16.5	9 675
1992 MA	1991 03 09.31788	11 34 58.28	+02 24 08.8		9 675	1993 TE ₂₂	1993 10 13.34340	01 07 43.08	+20 37 08.0		9 675
1992 NP	1994 01 16.28194	06 01 19.52	+29 19 55.1	16.5	2 675	1993 TE ₂₂	1993 10 15.26545	01 06 12.25	+20 24 42.7		9 675
1992 NP	1994 01 16.31528	06 01 17.77	+29 19 45.4		2 675	1993 TF ₂₂	* 1993 10 13.30434	01 08 49.45	+19 04 34.5	17.8	9 675
1992 OJ ₈	1994 01 09.31285	07 04 57.61	+25 25 53.1		9 675	1993 TF ₂₂	1993 10 13.34340	01 08 47.19	+19 04 33.2		9 675
1992 OJ ₈	1994 01 09.34531	07 04 55.27	+25 25 50.6		9 675	1993 TF ₂₂	1993 10 15.26545	01 06 58.46	+19 02 53.5		9 675
1992 QG	1994 01 11.28021	06 40 01.68	+12 53 18.2	16.5	2 675	1993 TG ₂₂	* 1993 10 13.30434	01 14 06.83	+21 06 09.4	16.2	9 675
1992 QG	1994 01 11.30417	06 40 00.25	+12 53 21.9		2 675	1993 TG ₂₂	1993 10 13.34340	01 14 04.30	+21 06 09.2		9 675
1992 QM	1991 03 12.35035	11 55 35.02	-03 56 19.8		9 675	1993 TG ₂₂	1993 10 15.26545	01 12 03.42	+21 06 09.1		9 675
1992 QM	1991 03 12.38264	11 55 33.49	-03 56 11.0		9 675	1993 TX ₂₈	1993 10 13.28333	01 17 02.79	+02 32 59.6	17.2	9 675
1992 QK ₂	* 1992 08 25.48021	01 03 23.44	+02 19 37.2	17.6	3 675	1993 TX ₂₈	1993 10 13.32257	01 17 00.65	+02 32 53.9		9 675
1992 QK ₂	1992 08 25.50781	01 03 23.07	+02 19 29.4		3 675	1993 VX	1955 07 24.40347	22 12 24.04	-20 20 34.9		6 675
1992 UG ₂	1954 07 31.46389	23 46 45.11	-21 16 03.5		6 675	1993 VX	1955 07 24.43006	22 12 23.13	-20 20 45.9		6 675
1993 CP ₁	1953 10 01.23507	21 58 01.64	-11 12 21.6		6 675	1993 WD	1993 12 07.13958	22 29 02.38	+36 02 26.2	17	3 675
1993 CP ₁	1953 10 01.25903	21 58 01.23	-11 12 30.7		6 675	1993 WD	1993 12 08.08889	22 22 49.32	+36 06 02.0		3 675
1993 GO	1989 05 30.35625	15 07 51.63	-17 51 44.7		9 675	1993 WD	1993 12 09.09097	22 16 49.77	+36 08 34.8		3 675
1993 GO	1989 05 30.38854	15 07 49.73	-17 51 53.9		9 675	1993 WD	1993 12 10.13524	22 11 08.08	+36 10 17.3		3 675
1993 GO	1989 06 01.19375	15 06 13.24	-18 01 36.1		9 675	1993 WD	1993 12 11.11563	22 06 15.89	+36 11 12.0		3 675
1993 GO	1989 06 01.22569	15 06 11.37	-18 01 47.6		9 675	1993 WD	1993 12 13.09028	21 57 36.16	+36 11 44.3		3 675
1993 SY ₃	1991 03 13.25712	11 14 03.11	-01 06 59.0		9 675	1993 XJ	1971 05 14.19427	12 24 58.52	-06 54 27.9	18.5	4 675
1993 SY ₃	1991 03 13.28767	11 14 01.41	-01 06 43.9		9 675	1993 XJ	1971 05 14.24549	12 24 57.82	-06 54 12.5		4 675
1993 TD	1993 10 13.29027	00 56 21.96	+11 47 24.4	17.0	9 675	1993 XJ	1971 05 16.27535	12 24 37.51	-06 44 39.7		4 675
1993 TD	1993 10 13.32934	00 56 19.20	+11 47 27.8		9 675	1993 XX	1992 08 24.33767	22 59 50.72	+11 00 52.5		3 675
1993 TD	1993 10 15.25087	00 54 11.52	+11 50 22.7		9 675	1993 XX	1992 08 24.37118	22 59 49.17	+11 00 51.0	16.0	3 675
1993 TA ₁₂	1993 10 13.30434	01 13 49.09	+16 25 57.3	17.2	9 675	1993 XG ₁	1994 01 09.31285	06 59 45.39	+24 01 32.6		9 675
1993 TA ₁₂	1993 10 13.34340	01 13 47.35	+16 25 40.3		9 675	1993 XG ₁	1994 01 09.34531	06 59 43.51	+24 01 30.8		9 675
1993 TA ₁₂	1993 10 15.26545	01 12 24.96	+16 12 00.1		9 675	1993 XK ₁	1994 01 09.31285	07 00 06.72	+25 21 46.5		9 675
1993 TL ₁₅	1993 10 10.30035	01 09 00.65	+06 31 20.7	17.2	9 675	1993 XK ₁	1994 01 09.34531	07 00 04.81	+25 21 49.9		9 675

1993 XN ₁	1994 01 09.31285	06 57 44.82	+27 05 53.5		9 675	1993 XW ₂	1994 01 11.30417	06 53 11.81	+14 15 12.1		2 675
1993 XN ₁	1994 01 09.34531	06 57 42.82	+27 06 04.8		9 675	1993 XW ₂	1994 01 16.39809	06 48 29.88	+14 46 59.6	16.5	2 675
1993 XP ₁	1953 10 01.23507	22 18 09.47	-12 34 33.1	18.5	6 675	1993 XW ₂	1994 01 16.41997	06 48 28.75	+14 47 08.3		2 675
1993 XP ₁	1953 10 01.25903	22 18 08.92	-12 34 38.8		6 675	1993 YJ	1994 01 09.31285	07 07 19.31	+23 40 58.0		9 675
1993 XU ₁	1994 01 11.17969	05 22 28.00	-10 45 42.9	15.5	2 675	1993 YJ	1994 01 09.34531	07 07 16.91	+23 40 56.2		9 675
1993 XU ₁	1994 01 11.20556	05 22 27.35	-10 45 51.2		2 675	1993 YK	1994 01 09.31285	07 18 07.77	+27 22 11.3		9 675
1993 XU ₁	1994 01 13.26233	05 21 36.98	-10 56 01.1		2 675	1993 YK	1994 01 09.34531	07 18 05.79	+27 22 29.0		9 675
1993 XU ₁	1994 01 13.28594	05 21 36.40	-10 56 06.4		2 675	1993 YU	1993 10 13.30434	01 10 20.00	+20 27 34.5	17.0	9 675
1993 XN ₂	1994 01 03.11076	05 19 30.60	+65 34 42.2	17.8	3 675	1993 YU	1993 10 13.34340	01 10 17.69	+20 27 11.6		9 675
1993 XN ₂	1994 01 03.20711	05 19 18.88	+65 34 21.1		3 675	1993 YU	1993 10 15.26545	01 08 30.78	+20 08 42.4		9 675
1993 XN ₂	1994 01 04.13506	05 17 36.93	+65 30 06.6		3 675	1994 AU	1994 01 09.31285	07 18 08.56	+27 00 07.6		9 675
1993 XN ₂	1994 01 06.17326	05 14 18.05	+65 19 05.0		3 675	1994 AU	1994 01 09.34531	07 18 06.20	+27 00 12.1		9 675
1993 XN ₂	1994 01 06.33098	05 14 02.41	+65 18 07.2		3 675	1994 AK ₁	1994 01 12.27813	06 58 36.99	+30 22 18.2	16.0	2 675
1993 XN ₂	1994 01 07.18576	05 12 52.56	+65 12 44.5		3 675	1994 AK ₁	1994 01 12.30243	06 58 33.96	+30 21 44.4		2 675
1993 XN ₂	1994 01 07.21979	05 12 49.32	+65 12 31.7		3 675	1994 AK ₁	1994 01 16.34792	06 50 26.92	+28 39 42.5		2 675
1993 XN ₂	1994 01 08.15382	05 11 39.48	+65 06 08.6		3 675	1994 AK ₁	1994 01 16.38490	06 50 22.68	+28 38 43.1		2 675
1993 XN ₂	1994 01 08.18524	05 11 36.93	+65 05 57.8		3 675	1994 AP ₂	1994 01 11.44896	09 47 15.26	+00 08 26.4	15.5	2 675
1993 XQ ₂	1994 01 11.28021	06 57 43.93	+13 58 32.0	15.5	2 675	1994 AP ₂	1994 01 11.47292	09 47 14.76	+00 08 45.5		2 675
1993 XQ ₂	1994 01 16.39809	06 53 04.46	+14 44 42.5	15.5	2 675	1994 AP ₂	1994 01 16.52986	09 45 05.00	+01 19 33.9		2 675
1993 XQ ₂	1994 01 16.41997	06 53 03.19	+14 44 56.3		2 675	1994 AP ₂	1994 01 16.55833	09 45 04.12	+01 19 59.4		2 675
1993 XR ₂	1994 01 11.28021	06 56 45.91	+10 30 30.8	16.0	2 675	1994 AK ₃	* 1994 01 11.37344	07 41 31.14	+12 16 25.3	16.5	2 675
1993 XR ₂	1994 01 11.30417	06 56 44.33	+10 30 32.8		2 675	1994 AK ₃	1994 01 11.39861	07 41 29.29	+12 16 47.0		2 675
1993 XS ₂	* 1993 12 14.43524	07 06 26.66	+09 53 58.7	15.3	2 675	1994 AK ₃	1994 01 16.46198	07 35 40.88	+13 27 37.8		2 675
1993 XS ₂	1993 12 14.45677	07 06 25.72	+09 53 59.0	15.3	2 675	1994 AK ₃	1994 01 16.49306	07 35 38.78	+13 28 05.0		2 675
1993 XS ₂	1993 12 16.41771	07 05 03.90	+09 54 57.2	14.4	2 675	1994 AR ₃	* 1994 01 11.12188	03 34 39.49	+16 19 26.3	16.5	2 675
1993 XS ₂	1994 01 11.28021	06 44 23.83	+10 45 30.8	16.0	2 675	1994 AR ₃	1994 01 11.14618	03 34 39.75	+16 19 46.0		2 675
1993 XS ₂	1994 01 11.30417	06 44 22.57	+10 45 36.3		2 675	1994 AR ₃	1994 01 13.13229	03 35 21.70	+16 46 16.6		2 675
1993 XS ₂	1994 01 16.39809	06 40 27.10	+11 02 37.5		2 675	1994 AR ₃	1994 01 13.14861	03 35 22.02	+16 46 30.5		2 675
1993 XS ₂	1994 01 16.41997	06 40 26.26	+11 02 41.2		2 675	1994 AS ₃	* 1994 01 11.22483	06 11 22.49	+34 16 45.4	16.0	2 675
1993 XT ₂	* 1993 12 14.43524	07 09 22.96	+09 23 44.8	16.2	2 675	1994 AS ₃	1994 01 11.24861	06 11 20.71	+34 16 26.8		2 675
1993 XT ₂	1993 12 14.45677	07 09 22.23	+09 23 45.6	15.9	2 675	1994 AS ₃	1994 01 16.28194	06 06 46.23	+33 13 52.9		2 675
1993 XT ₂	1993 12 16.39427	07 08 05.80	+09 24 30.3	15.5	2 675	1994 AS ₃	1994 01 16.31528	06 06 44.60	+33 13 25.9		2 675
1993 XT ₂	1993 12 16.41771	07 08 04.87	+09 24 30.3	16.1	2 675	1994 AT ₃	* 1994 01 11.27413	06 28 59.54	+44 45 23.0	16.0	2 675
1993 XT ₂	1994 01 16.39809	06 44 29.68	+10 25 15.9	16.0	2 675	1994 AT ₃	1994 01 11.29792	06 28 56.85	+44 45 45.6		2 675
1993 XT ₂	1994 01 16.41997	06 44 28.76	+10 25 19.2		2 675	1994 AT ₃	1994 01 13.27448	06 25 26.82	+45 17 26.4		2 675
1993 XU ₂	* 1993 12 14.43524	07 10 16.44	+10 36 53.8	15.7	2 675	1994 AT ₃	1994 01 13.29184	06 25 24.59	+45 17 37.6		2 675
1993 XU ₂	1993 12 14.45677	07 10 15.13	+10 36 49.5	15.7	2 675	1994 AU ₃	* 1994 01 11.42483	08 17 48.31	+31 41 05.4	15.5	2 675
1993 XU ₂	1993 12 16.39427	07 08 35.09	+10 27 19.1	16.7	2 675	1994 AU ₃	1994 01 11.45503	08 17 46.49	+31 41 23.8		2 675
1993 XU ₂	1993 12 16.41771	07 08 33.79	+10 27 12.0	15.9	2 675	1994 AU ₃	1994 01 16.51458	08 12 34.49	+32 34 02.5		2 675
1993 XU ₂	1994 01 11.28021	06 42 59.32	+09 14 27.8	16.0	2 675	1994 AU ₃	1994 01 16.54444	08 12 32.46	+32 34 20.2		2 675
1993 XU ₂	1994 01 11.30417	06 42 57.91	+09 14 25.9		2 675	1994 AV ₃	* 1994 01 13.25694	05 26 18.72	+18 01 10.9	16.0	2 675
1993 XU ₂	1994 01 16.39809	06 38 21.57	+09 12 11.8		2 675	1994 AV ₃	1994 01 13.28056	05 26 17.65	+18 00 46.8		2 675
1993 XU ₂	1994 01 16.41997	06 38 20.42	+09 12 11.7		2 675	1994 AV ₃	1994 01 16.26528	05 24 23.53	+17 18 45.3		2 675
1993 XV ₂	* 1993 12 14.43524	07 16 22.85	+12 01 10.3		2 675	1994 AV ₃	1994 01 16.29965	05 24 22.27	+17 18 16.8		2 675
1993 XV ₂	1993 12 14.45677	07 16 21.78	+12 01 13.1	15.9	2 675	1994 AW ₃	* 1994 01 13.25694	05 27 34.59	+17 54 32.7	16.0	2 675
1993 XV ₂	1993 12 16.39427	07 14 36.90	+12 05 43.7	15.6	2 675	1994 AW ₃	1994 01 13.28056	05 27 33.45	+17 54 13.3		2 675
1993 XV ₂	1993 12 16.41771	07 14 35.54	+12 05 47.2	15.8	2 675	1994 AW ₃	1994 01 16.26528	05 25 34.83	+17 16 26.7		2 675
1993 XW ₂	* 1993 12 14.43524	07 18 58.98	+11 51 50.8	15.8	2 675	1994 AW ₃	1994 01 16.29965	05 25 33.54	+17 16 03.4		2 675
1993 XW ₂	1993 12 14.45677	07 18 57.94	+11 51 55.2	15.4	2 675	1994 AX ₃	* 1994 01 11.32465	07 37 47.27	+38 27 31.2	16.0	2 675
1993 XW ₂	1993 12 16.39427	07 17 26.74	+11 59 17.9	16.1	2 675	1994 AX ₃	1994 01 11.35191	07 37 44.06	+38 27 15.9		2 675
1993 XW ₂	1993 12 16.41771	07 17 25.51	+11 59 22.9	15.8	2 675	1994 AX ₃	1994 01 13.36458	07 33 56.33	+38 06 19.2		2 675
1993 XW ₂	1994 01 11.28021	06 53 13.24	+14 15 02.5	16.0	2 675	1994 AX ₃	1994 01 13.38507	07 33 54.19	+38 06 06.6		2 675

1994 AY ₃	* 1994 01 11.32465	07 55 52.75	+32 49 27.4	16.5	2 675	6055 P-L	1960 10 26.26113	23 38 33.60	+00 26 38.6		4 675
1994 AY ₃	1994 01 11.35191	07 55 51.23	+32 49 38.2		2 675	6381 P-L	* 1960 09 24.33613	23 57 51.53	+00 30 29.5	18.9	4 675
1994 AY ₃	1994 01 13.36458	07 53 55.26	+33 03 40.7		2 675	6381 P-L	1960 09 26.28543	23 56 22.08	+00 11 16.7		4 675
1994 AY ₃	1994 01 13.38507	07 53 53.93	+33 03 50.0		2 675	6381 P-L	1960 09 27.34237	23 55 33.82	+00 00 52.4		4 675
1994 AZ ₃	* 1994 01 13.45503	09 23 55.09	+47 04 02.6	16.5	2 675	6381 P-L	1960 09 28.33822	23 54 48.71	-00 08 50.7		4 675
1994 AZ ₃	1994 01 13.47934	09 23 53.56	+47 04 23.8		2 675	6381 P-L	1960 10 22.16324	23 40 43.03	-03 29 55.0		4 675
1994 AZ ₃	1994 01 16.52274	09 21 09.47	+47 48 24.3		2 675	6381 P-L	1960 10 24.23753	23 40 01.31	-03 42 52.3		4 675
1994 AZ ₃	1994 01 16.55174	09 21 07.60	+47 48 47.1		2 675	6381 P-L	1960 10 26.27157	23 39 26.52	-03 54 43.2		4 675
1994 AJ ₁₅	* 1994 01 11.28021	06 59 23.54	+13 50 14.5	16.5	2 675	6581 P-L	1991 03 09.28889	11 41 39.83	+01 40 27.0		9 675
1994 AJ ₁₅	1994 01 11.30417	06 59 22.03	+13 50 16.6		2 675	6581 P-L	1991 03 09.31788	11 41 39.06	+01 40 32.4		9 675
1994 AJ ₁₅	1994 01 16.39809	06 54 13.86	+14 02 34.3	16.0	2 675	6634 P-L	* 1960 09 24.35002	00 02 15.63	-05 32 33.9	19.2	4 675
1994 AJ ₁₅	1994 01 16.41997	06 54 12.50	+14 02 37.7		2 675	6634 P-L	1960 09 26.28543	00 00 48.48	-05 41 24.2		4 675
1994 AL ₁₅	* 1994 01 08.27309	06 51 31.38	+28 12 29.4		9 675	6634 P-L	1960 09 27.34237	00 00 00.99	-05 46 07.5		4 675
1994 AL ₁₅	1994 01 08.30313	06 51 29.05	+28 12 27.6		9 675	6634 P-L	1960 09 28.33822	23 59 16.42	-05 50 31.0		4 675
1994 AL ₁₅	1994 01 09.31285	06 50 17.22	+28 11 53.3	17.0	9 675	6634 P-L	1960 10 17.22501	23 46 39.41	-06 55 39.2		4 675
1994 AL ₁₅	1994 01 09.34531	06 50 14.88	+28 11 51.5		9 675	6634 P-L	1960 10 22.16324	23 44 07.26	-07 05 30.9		4 675
1994 AM ₁₅	* 1994 01 08.27309	07 01 39.42	+31 16 10.5		9 675	6634 P-L	1960 10 24.23753	23 43 11.12	-07 08 36.9		4 675
1994 AM ₁₅	1994 01 08.30313	07 01 37.10	+31 16 08.2		9 675	6634 P-L	1960 10 26.27157	23 42 20.67	-07 11 02.2		4 675
1994 AM ₁₅	1994 01 09.31285	07 00 21.32	+31 14 44.2	17.0	9 675	6745 P-L	* 1960 09 24.35002	00 04 04.22	-01 39 59.1	19.2	4 675
1994 AM ₁₅	1994 01 09.34531	07 00 18.79	+31 14 40.4		9 675	6745 P-L	1960 09 26.28543	00 02 38.59	-01 50 04.8		4 675
2553 P-L	* 1960 09 24.46184	00 46 48.62	+05 15 18.2	17.7	4 675	6745 P-L	1960 09 27.34237	00 01 51.93	-01 55 31.0		4 675
2553 P-L	1960 09 26.37988	00 45 24.66	+05 06 55.1		4 675	6745 P-L	1960 09 28.33822	00 01 08.04	-02 00 39.7		4 675
2553 P-L	1960 09 28.43822	00 43 52.61	+04 57 43.1		4 675	6745 P-L	1960 10 17.22501	23 48 36.51	-03 25 27.4		4 675
2553 P-L	1960 09 29.39514	00 43 09.47	+04 53 23.1		4 675	6745 P-L	1960 10 22.16324	23 46 03.94	-03 41 48.5		4 675
2553 P-L	1960 10 17.31529	00 29 47.89	+03 31 58.3		4 675	6745 P-L	1960 10 26.27157	23 44 16.39	-03 53 02.6		4 675
2553 P-L	1960 10 22.26809	00 26 33.14	+03 12 00.5		4 675	9512 P-L	1991 03 09.28889	11 47 17.79	+04 03 37.4		9 675
2553 P-L	1960 10 25.30351	00 24 44.78	+03 00 51.6		4 675	9512 P-L	1991 03 09.31788	11 47 16.06	+04 03 48.9		9 675
2553 P-L	1960 10 26.35766	00 24 09.30	+02 57 13.5		4 675	1287 T-1	1991 03 09.28889	11 24 55.88	+01 18 07.8		9 675
2604 P-L	1991 03 09.28889	11 29 01.47	+05 21 30.4		9 675	1287 T-1	1991 03 09.31788	11 24 54.20	+01 18 21.2		9 675
2604 P-L	1991 03 09.31788	11 28 59.59	+05 21 38.0		9 675	1287 T-1	1991 03 13.25712	11 21 05.48	+01 45 30.0		9 675
4600 P-L	1991 03 09.28889	11 26 13.73	+05 21 28.6		9 675	4320 T-1	1971 03 24.40486	12 41 06.78	-00 05 10.4		4 675
4600 P-L	1991 03 09.31788	11 26 12.36	+05 21 39.2		9 675	4320 T-1	1971 03 26.31007	12 39 15.55	+00 03 07.4		4 675
4721 P-L	* 1960 09 24.38750	00 20 09.59	+01 38 55.1	19.5	4 675	4320 T-1	* 1971 03 26.34896	12 39 13.22	+00 03 17.0	18.4	4 675
4721 P-L	1960 09 24.41183	00 20 08.33	+01 38 48.1		4 675	4320 T-1	1971 03 27.35208	12 38 14.06	+00 07 37.7		4 675
4721 P-L	1960 09 26.31530	00 18 32.73	+01 30 07.3		4 675	4320 T-1	1971 04 02.43993	12 32 12.95	+00 32 42.7		4 675
4721 P-L	1960 09 26.33542	00 18 31.78	+01 30 02.3		4 675	4320 T-1	1971 04 16.21476	12 19 55.08	+01 14 32.6		4 675
4721 P-L	1960 09 27.37500	00 17 39.24	+01 25 19.3		4 675	4320 T-1	1971 04 16.27708	12 19 52.04	+01 14 40.7		4 675
4721 P-L	1960 09 27.40836	00 17 37.54	+01 25 07.9		4 675	4320 T-1	1971 05 13.20278	12 09 40.81	+00 59 50.7	20.0	4 675
4721 P-L	1960 09 28.37778	00 16 48.68	+01 20 44.9		4 675	4320 T-1	1971 05 14.23246	12 09 44.26	+00 56 35.6	20.0	4 675
4721 P-L	1960 09 28.39725	00 16 47.77	+01 20 38.2		4 675	1056 T-2	1973 09 19.18611	00 10 04.73	+01 43 16.4		4 675
4721 P-L	1960 10 22.23406	23 59 10.66	-00 12 29.5		4 675	1056 T-2	1973 09 19.23785	00 10 01.99	+01 43 07.0		4 675
5564 P-L	* 1960 10 17.31529	00 32 29.63	-01 08 18.1	18.8	4 675	1056 T-2	1973 09 20.22847	00 09 12.28	+01 39 38.8		4 675
5564 P-L	1960 10 22.26809	00 28 53.75	-01 13 53.6		4 675	1056 T-2	1973 09 24.34688	00 05 42.57	+01 24 53.6		4 675
5564 P-L	1960 10 25.30351	00 26 59.48	-01 14 53.1		4 675	1056 T-2	1973 09 24.41597	00 05 38.99	+01 24 38.8		4 675
5564 P-L	1960 10 26.35766	00 26 23.40	-01 14 46.0		4 675	1056 T-2	1973 09 25.24375	00 04 56.88	+01 21 38.2		4 675
6055 P-L	* 1960 09 24.33613	23 59 29.96	+02 16 28.6	18.2	4 675	1056 T-2	1973 09 25.30729	00 04 53.61	+01 21 25.5		4 675
6055 P-L	1960 09 25.32502	23 58 36.17	+02 12 06.5		4 675	1056 T-2	* 1973 09 29.25330	00 01 33.51	+01 07 08.8	19.0	4 675
6055 P-L	1960 09 26.27573	23 57 44.66	+02 07 53.0		4 675	1056 T-2	1973 09 29.31806	00 01 30.24	+01 06 54.1		4 675
6055 P-L	1960 09 28.32780	23 55 53.63	+01 58 43.0		4 675	1056 T-2	1973 09 30.21007	00 00 45.73	+01 03 44.2		4 675
6055 P-L	1960 10 17.21390	23 41 51.83	+00 45 05.0		4 675	1056 T-2	1973 09 30.27431	00 00 42.37	+01 03 30.2		4 675
6055 P-L	1960 10 22.15559	23 39 42.88	+00 33 09.0		4 675	1056 T-2	1973 10 04.28958	23 57 26.22	+00 49 27.4		4 675
6055 P-L	1960 10 24.18787	23 39 04.13	+00 29 32.4		4 675	1056 T-2	1973 10 04.35208	23 57 23.18	+00 49 12.7		4 675

1056 T-2	1973 10 05.31684	23 56 37.47	+00 46 01.6	4 675	(179)	1992 04 05.27031	10 19 46.08	-00 45 10.0	9 675
1056 T-2	1973 10 05.37917	23 56 34.33	+00 45 48.8	4 675	(180)	1993 10 10.30035	01 36 04.43	+11 22 54.6	9 675
1269 T-2	1991 03 09.28889	11 33 41.07	+01 32 58.4	9 675	(180)	1993 10 10.33767	01 36 02.46	+11 22 43.0	9 675
1269 T-2	1991 03 09.31788	11 33 39.77	+01 33 07.1	9 675	(180)	1993 10 13.29722	01 33 30.56	+11 08 46.4	9 675
5058 T-2	1973 09 20.21458	00 14 42.67	+13 00 58.3	4 675	(180)	1993 10 13.33628	01 33 28.44	+11 08 35.3	9 675
5058 T-2	1973 09 20.29253	00 14 38.91	+13 00 36.9	4 675	(190)	1991 03 09.28889	11 25 04.15	+02 49 39.8	9 675
5058 T-2	1973 09 24.40035	00 11 19.90	+12 40 52.6	4 675	(190)	1991 03 09.31788	11 25 03.05	+02 49 48.7	9 675
5058 T-2	1973 09 24.47986	00 11 15.99	+12 40 27.7	4 675	(195)	1991 03 09.28889	11 38 43.09	+05 34 55.7	9 675
5058 T-2	* 1973 09 25.29375	00 10 36.63	+12 36 18.3	4 675	(195)	1991 03 09.31788	11 38 41.52	+05 35 01.1	9 675
5058 T-2	1973 09 25.35903	00 10 33.33	+12 35 58.0	4 675	(199)	1993 10 09.23021	00 46 50.30	-18 37 17.0	9 675
5058 T-2	1973 09 29.24062	00 07 25.05	+12 15 16.2	4 675	(199)	1993 10 09.27170	00 46 48.30	-18 37 22.6	9 675
5058 T-2	1973 09 29.30486	00 07 21.81	+12 14 53.8	4 675	(199)	1993 10 14.23367	00 43 02.50	-18 45 11.2	9 675
5058 T-2	1973 09 30.19722	00 06 38.89	+12 09 56.4	4 675	(199)	1993 10 14.26667	00 43 00.97	-18 45 13.9	9 675
5058 T-2	1973 09 30.35295	00 06 31.17	+12 09 03.4	4 675	(203)	1994 01 08.27309	07 03 51.12	+27 09 06.3	9 675
5058 T-2	1973 10 04.27708	00 03 25.22	+11 46 28.8	4 675	(203)	1994 01 09.31285	07 02 46.37	+27 09 53.4	9 675
5058 T-2	1973 10 04.33906	00 03 22.30	+11 46 08.2	4 675	(203)	1994 01 09.34531	07 02 44.30	+27 09 55.1	9 675
(7)	1954 07 04.42986	21 47 31.33	-06 27 33.9	6 675	(217)	1993 12 14.43524	07 11 29.00	+09 41 47.5	14.2 2 675
(7)	1954 07 04.45417	21 47 30.95	-06 27 29.7	6 675	(217)	1993 12 14.45677	07 11 28.00	+09 41 48.0	2 675
(30)	1991 03 09.28889	11 31 44.30	+00 30 17.2	9 675	(217)	1993 12 16.39427	07 10 00.24	+09 43 01.6	2 675
(30)	1991 03 09.31788	11 31 42.56	+00 30 26.6	9 675	(217)	1993 12 16.41771	07 09 59.09	+09 43 03.5	2 675
(30)	1991 03 13.25712	11 27 54.83	+00 52 11.7	9 675	(217)	1994 01 11.28021	06 48 03.17	+10 31 51.8	14.5 2 675
(30)	1991 03 13.28767	11 27 52.99	+00 52 22.1	9 675	(217)	1994 01 11.30417	06 48 01.93	+10 31 56.3	2 675
(49)	1993 10 13.29027	00 44 39.53	+10 43 50.3	9 675	(217)	1994 01 16.39809	06 43 50.58	+10 47 29.3	2 675
(49)	1993 10 13.32934	00 44 37.67	+10 43 39.2	9 675	(217)	1994 01 16.41997	06 43 49.50	+10 47 32.7	2 675
(61)	1992 04 05.23542	10 26 00.53	+03 41 44.6	9 675	(238)	1991 02 09.43194	11 29 12.79	-03 20 45.9	9 675
(61)	1992 04 05.27031	10 25 59.40	+03 41 46.4	9 675	(238)	1991 02 09.48003	11 29 11.36	-03 20 31.7	9 675
(63)	1992 09 30.27413	00 22 24.97	+07 49 11.8	9 675	(238)	1991 03 13.25712	11 08 26.84	+00 20 59.8	9 675
(63)	1992 09 30.31094	00 22 22.71	+07 49 02.3	9 675	(238)	1991 03 13.28767	11 08 25.49	+00 21 15.1	9 675
(63)	1992 10 03.27847	00 19 25.41	+07 36 58.0	9 675	(244)	1989 05 30.35625	15 22 25.62	-15 59 27.6	9 675
(63)	1992 10 03.31354	00 19 23.28	+07 36 49.5	9 675	(244)	1989 05 30.38854	15 22 23.68	-15 59 18.8	9 675
(79)	1991 02 09.43194	11 30 11.19	-02 15 00.5	9 675	(244)	1989 06 01.19375	15 20 40.24	-15 51 16.7	9 675
(79)	1991 02 09.48003	11 30 09.38	-02 14 49.7	9 675	(244)	1989 06 01.22569	15 20 38.24	-15 51 07.9	9 675
(79)	1991 03 13.25712	11 03 55.87	+00 59 59.0	9 675	(253)	1991 03 09.28889	11 42 20.77	+00 43 53.8	9 675
(79)	1991 03 13.28767	11 03 54.20	+01 00 11.8	9 675	(253)	1991 03 09.31788	11 42 19.37	+00 44 05.0	9 675
(104)	1989 05 30.35625	15 09 31.70	-18 35 48.1	9 675	(256)	1992 11 26.15017	00 45 10.82	-01 51 44.4	9 675
(104)	1989 05 30.38854	15 09 30.30	-18 35 43.5	9 675	(256)	1992 11 26.18125	00 45 10.67	-01 51 46.9	9 675
(104)	1989 06 01.19375	15 08 16.82	-18 31 37.0	9 675	(256)	1992 11 28.13854	00 45 05.71	-01 54 20.3	9 675
(104)	1989 06 01.22569	15 08 15.40	-18 31 32.6	9 675	(256)	1992 11 28.17170	00 45 05.63	-01 54 22.4	9 675
(150)	1991 02 09.43194	11 12 53.87	+02 41 39.4	9 675	(269)	1993 10 14.28125	01 29 09.09	+02 41 25.1	9 675
(150)	1991 02 09.48003	11 12 52.15	+02 41 49.1	9 675	(269)	1993 10 14.31736	01 29 07.11	+02 41 10.9	9 675
(150)	1991 03 12.27222	10 50 54.02	+05 06 15.7	9 675	(269)	1993 10 15.27257	01 28 17.09	+02 34 56.5	9 675
(150)	1991 03 12.30851	10 50 52.37	+05 06 27.0	9 675	(297)	1992 09 30.27413	00 09 42.87	+08 15 40.4	9 675
(153)	1993 10 13.29027	01 04 56.36	+12 19 24.1	9 675	(297)	1992 09 30.31094	00 09 41.08	+08 15 33.6	9 675
(153)	1993 10 13.32934	01 04 54.92	+12 19 12.8	9 675	(297)	1992 10 03.27847	00 07 18.51	+08 06 31.8	9 675
(153)	1993 10 15.25087	01 03 46.14	+12 09 43.8	9 675	(297)	1992 10 03.31354	00 07 16.81	+08 06 24.7	9 675
(168)	1991 02 09.43194	11 01 36.20	+01 13 10.5	9 675	(300)	1991 03 09.28889	11 38 20.26	+03 14 26.2	9 675
(168)	1991 02 09.48003	11 01 34.57	+01 13 20.6	9 675	(300)	1991 03 09.31788	11 38 18.97	+03 14 33.7	9 675
(172)	1991 03 13.25712	11 22 52.85	-02 02 31.8	9 675	(308)	1991 03 13.21111	10 22 01.04	+07 36 04.9	9 675
(172)	1991 03 13.28767	11 22 50.87	-02 02 26.4	9 675	(308)	1991 03 13.24219	10 21 59.68	+07 36 17.1	9 675
(178)	1991 03 09.28889	11 29 30.77	+06 20 51.6	9 675	(356)	1955 07 24.40347	22 08 11.98	-19 35 21.4	6 675
(178)	1991 03 09.31788	11 29 29.10	+06 21 02.1	9 675	(356)	1955 07 24.43006	22 08 10.94	-19 35 23.7	6 675
(179)	1992 04 05.23542	10 19 46.85	-00 45 20.0	9 675	(356)	1992 09 30.27413	00 09 41.06	+03 41 15.2	9 675

(356)	1992 09 30.31094	00 09 38.87	+03 41 11.6	9 675	(577)	1991 03 13.25712	11 14 23.91	+02 01 04.3	9 675
(356)	1992 10 03.27847	00 06 46.70	+03 35 38.2	9 675	(577)	1991 03 13.28767	11 14 22.43	+02 01 10.7	9 675
(356)	1992 10 03.31354	00 06 44.57	+03 35 33.7	9 675	(580)	1989 05 30.35625	15 26 47.66	-15 17 51.9	9 675
(378)	1992 02 26.28247	10 08 21.12	+00 30 15.4	9 675	(580)	1989 05 30.38854	15 26 46.22	-15 17 48.8	9 675
(378)	1992 02 26.31528	10 08 19.43	+00 30 26.1	9 675	(580)	1989 06 01.19375	15 25 30.56	-15 14 47.7	9 675
(380)	1993 10 14.28125	01 51 10.47	+00 57 16.8	9 675	(580)	1989 06 01.22569	15 25 29.10	-15 14 44.3	9 675
(380)	1993 10 14.31736	01 51 08.49	+00 57 07.5	9 675	(609)	1993 10 14.28125	01 41 50.72	+06 25 53.8	9 675
(380)	1993 10 15.27257	01 50 18.38	+00 53 07.8	9 675	(609)	1993 10 14.31736	01 41 49.04	+06 25 42.7	9 675
(420)	1989 05 30.35625	14 59 29.47	-18 48 57.3	9 675	(609)	1993 10 15.27257	01 41 06.49	+06 20 36.8	9 675
(420)	1989 05 30.38854	14 59 28.24	-18 48 49.0	9 675	(614)	1992 02 26.28247	10 23 54.65	-00 21 23.0	9 675
(420)	1989 06 01.19375	14 58 25.06	-18 41 24.4	9 675	(614)	1992 02 26.31528	10 23 52.93	-00 21 10.9	9 675
(420)	1989 06 01.22569	14 58 23.87	-18 41 15.8	9 675	(614)	1992 04 05.23542	10 01 44.08	+03 46 04.1	9 675
(421)	1991 03 12.27222	11 09 11.53	+01 18 08.6	9 675	(614)	1992 04 05.27031	10 01 43.75	+03 46 13.7	9 675
(421)	1991 03 12.30851	11 09 09.63	+01 18 26.4	9 675	(619)	1992 04 05.23542	10 21 26.35	+03 29 53.2	9 675
(421)	1991 03 13.25712	11 08 21.12	+01 25 55.2	9 675	(619)	1992 04 05.27031	10 21 25.70	+03 30 10.0	9 675
(421)	1991 03 13.28767	11 08 19.52	+01 26 10.7	9 675	(643)	1993 10 13.30434	01 11 34.51	+23 27 09.7	9 675
(430)	1993 12 14.43524	07 15 15.75	+10 20 26.1	14.0 2 675	(643)	1993 10 13.34340	01 11 32.78	+23 26 55.6	9 675
(430)	1993 12 14.45677	07 15 14.72	+10 20 14.3	2 675	(643)	1993 10 15.26545	01 10 10.07	+23 15 20.7	9 675
(430)	1993 12 16.39427	07 13 44.58	+10 02 53.7	2 675	(649)	1991 03 09.28889	11 31 56.45	+05 28 36.7	9 675
(430)	1993 12 16.41771	07 13 43.38	+10 02 41.1	2 675	(649)	1991 03 09.31788	11 31 54.74	+05 28 42.0	9 675
(439)	1992 09 30.27413	00 02 53.55	+09 34 27.6	9 675	(658)	1954 07 28.43681	23 31 32.20	-03 42 05.7	6 675
(439)	1992 09 30.31094	00 02 52.12	+09 34 05.3	9 675	(658)	1954 07 28.46111	23 31 31.91	-03 42 06.4	6 675
(439)	1992 10 03.27847	00 00 58.04	+09 03 44.6	9 675	(659)	1991 03 09.28889	11 42 32.60	+01 34 20.1	9 675
(439)	1992 10 03.31354	00 00 56.65	+09 03 23.2	9 675	(659)	1991 03 09.31788	11 42 31.82	+01 34 26.2	9 675
(446)	1992 11 26.15017	00 37 48.65	-00 10 52.0	9 675	(673)	1991 02 09.43194	11 27 53.48	-00 40 57.4	9 675
(446)	1992 11 26.18125	00 37 48.57	-00 10 42.7	9 675	(673)	1991 02 09.48003	11 27 51.98	-00 40 49.2	9 675
(446)	1992 11 28.13854	00 37 48.84	-00 00 22.7	9 675	(673)	1991 03 12.27222	11 05 45.63	+01 40 46.1	9 675
(446)	1992 11 28.17170	00 37 48.86	-00 00 12.0	9 675	(673)	1991 03 12.30851	11 05 43.85	+01 40 59.2	9 675
(457)	1954 07 05.43264	21 35 44.53	+02 35 41.3	6 675	(673)	1991 03 13.25712	11 04 58.52	+01 46 22.9	9 675
(457)	1954 07 05.45694	21 35 44.05	+02 35 49.5	6 675	(673)	1991 03 13.28767	11 04 57.04	+01 46 34.1	9 675
(468)	1991 03 12.35035	11 50 43.76	+01 17 28.1	9 675	(707)	1992 04 05.23542	10 30 06.24	+02 36 05.2	9 675
(468)	1991 03 12.38264	11 50 42.42	+01 17 36.1	9 675	(707)	1992 04 05.27031	10 30 05.21	+02 36 11.0	9 675
(483)	1991 03 12.35035	12 08 27.83	+01 10 19.1	9 675	(709)	1991 03 13.21111	10 23 01.73	+02 49 56.8	9 675
(483)	1991 03 12.38264	12 08 26.62	+01 10 35.9	9 675	(709)	1991 03 13.24219	10 23 00.16	+02 49 59.9	9 675
(497)	1991 03 09.28889	11 29 19.95	+05 23 56.4	9 675	(728)	1954 07 28.43681	23 44 38.53	-08 14 31.7	6 675
(497)	1991 03 09.31788	11 29 18.55	+05 24 04.6	9 675	(728)	1954 07 28.46111	23 44 38.30	-08 14 37.9	6 675
(510)	1954 07 05.43264	21 40 30.79	+02 15 23.2	6 675	(741)	1955 07 24.40347	22 12 25.48	-19 15 50.6	6 675
(510)	1954 07 05.45694	21 40 30.58	+02 15 28.0	6 675	(741)	1955 07 24.43006	22 12 24.66	-19 15 59.5	6 675
(533)	1991 02 09.43194	11 24 58.04	+00 23 48.9	9 675	(749)	1954 07 28.43681	23 51 20.42	-07 20 32.9	6 675
(533)	1991 02 09.48003	11 24 56.69	+00 24 01.8	9 675	(749)	1954 07 28.46111	23 51 20.33	-07 20 39.0	6 675
(533)	1991 03 12.27222	11 04 41.04	+03 29 12.9	9 675	(763)	1992 04 05.23542	10 07 58.52	+06 05 07.2	9 675
(533)	1991 03 12.30851	11 04 39.38	+03 29 28.0	9 675	(763)	1992 04 05.27031	10 07 57.75	+06 05 12.3	9 675
(536)	1989 05 30.35625	15 22 01.22	-17 07 32.8	9 675	(774)	1992 09 30.27413	23 53 04.00	+07 45 24.2	9 675
(536)	1989 05 30.38854	15 21 59.71	-17 07 34.5	9 675	(774)	1992 09 30.31094	23 53 02.33	+07 45 12.4	9 675
(536)	1989 06 01.19375	15 20 37.35	-17 09 30.9	9 675	(774)	1992 10 03.27847	23 50 56.32	+07 27 04.7	9 675
(536)	1989 06 01.22569	15 20 35.79	-17 09 33.2	9 675	(774)	1992 10 03.31354	23 50 54.79	+07 26 52.6	9 675
(558)	1992 11 28.13854	01 06 34.93	-03 53 49.7	9 675	(782)	1994 01 08.27309	07 07 26.06	+26 48 22.4	9 675
(558)	1992 11 28.17170	01 06 34.58	-03 53 48.4	9 675	(782)	1994 01 08.30313	07 07 23.73	+26 48 30.7	9 675
(577)	1991 03 09.28889	11 17 28.79	+01 46 19.1	9 675	(782)	1994 01 09.31285	07 06 09.74	+26 53 17.9	9 675
(577)	1991 03 09.31788	11 17 27.40	+01 46 24.4	9 675	(782)	1994 01 09.34531	07 06 07.27	+26 53 26.5	9 675
(577)	1991 03 12.27222	11 15 09.75	+01 57 23.4	9 675	(784)	1990 03 19.14028	08 19 01.94	+33 09 15.6	6 675
(577)	1991 03 12.30851	11 15 07.99	+01 57 31.8	9 675	(784)	1990 03 19.16111	08 19 01.69	+33 09 11.2	6 675

(784)	1990 03 19.18194	08 19 01.48	+33 09 07.0	6 675	(1137)	1955 07 24.40347	22 12 42.77	-17 52 43.3	6 675
(796)	1955 04 14.24931	12 13 26.48	+12 26 45.1	6 675	(1137)	1955 07 24.43006	22 12 42.13	-17 52 51.2	6 675
(796)	1955 04 14.27431	12 13 25.18	+12 26 45.4	6 675	(1151)	1991 02 09.43194	11 16 30.39	-04 18 27.3	18.8 9 675
(819)	1992 09 30.27413	00 04 05.03	+05 44 16.4	9 675	(1151)	1991 02 09.48003	11 16 28.34	-04 18 18.5	9 675
(819)	1992 09 30.31094	00 04 02.65	+05 44 06.8	9 675	(1161)	1950 06 15.27986	16 03 13.89	-19 34 13.7	6 675
(819)	1992 10 03.27847	00 01 01.79	+05 30 55.9	9 675	(1161)	1950 06 15.30590	16 03 12.74	-19 34 12.9	6 675
(819)	1992 10 03.31354	00 00 59.60	+05 30 46.8	9 675	(1167)	1991 02 09.43194	11 13 08.23	-02 22 38.5	9 675
(823)	1992 04 05.23542	10 28 56.46	+02 53 53.8	9 675	(1167)	1991 02 09.48003	11 13 06.74	-02 22 31.5	9 675
(823)	1992 04 05.27031	10 28 55.78	+02 54 02.0	9 675	(1201)	1991 03 13.21111	09 59 32.53	+04 14 27.6	9 675
(876)	1954 07 04.42986	21 32 59.10	-07 44 37.5	6 675	(1201)	1991 03 13.24219	09 59 31.16	+04 14 38.6	9 675
(876)	1954 07 04.45417	21 32 58.66	-07 44 43.1	6 675	(1212)	1993 10 14.28125	01 47 19.28	+02 20 00.4	9 675
(882)	1992 04 05.23542	10 24 38.62	+01 31 39.5	9 675	(1212)	1993 10 14.31736	01 47 17.94	+02 19 50.7	9 675
(882)	1992 04 05.27031	10 24 37.75	+01 31 47.1	9 675	(1212)	1993 10 15.27257	01 46 43.70	+02 15 40.8	9 675
(885)	1991 03 12.35035	11 57 25.39	+02 32 24.9	9 675	(1234)	1991 02 09.43194	11 07 39.76	-01 52 01.8	9 675
(885)	1991 03 12.38264	11 57 24.00	+02 32 34.5	9 675	(1234)	1991 02 09.48003	11 07 37.82	-01 51 59.3	9 675
(890)	1950 04 20.33576	13 34 20.89	+02 07 30.6	6 675	(1269)	1993 10 14.28125	01 47 59.93	+07 28 03.8	9 675
(890)	1950 04 20.36528	13 34 19.55	+02 07 43.8	6 675	(1269)	1993 10 14.31736	01 47 58.51	+07 27 56.2	9 675
(900)	1991 03 12.35035	12 06 33.62	-02 17 36.3	9 675	(1269)	1993 10 15.27257	01 47 23.54	+07 24 24.2	9 675
(900)	1991 03 12.38264	12 06 32.06	-02 17 18.1	9 675	(1275)	1991 03 13.25712	11 09 13.99	-01 21 09.4	9 675
(917)	1991 03 12.35035	11 54 12.94	-01 15 50.3	9 675	(1275)	1991 03 13.28767	11 09 12.58	-01 20 53.5	9 675
(917)	1991 03 12.38264	11 54 11.10	-01 15 42.3	9 675	(1288)	1994 01 09.31285	06 59 40.33	+25 32 09.4	9 675
(934)	1991 03 13.25712	11 13 17.61	-04 47 23.0	9 675	(1288)	1994 01 09.34531	06 59 38.40	+25 32 07.6	9 675
(934)	1991 03 13.28767	11 13 15.89	-04 47 18.0	9 675	(1292)	1992 02 26.28247	10 17 06.40	+07 09 09.6	9 675
(938)	1991 03 09.28889	11 29 55.26	+06 18 03.5	9 675	(1292)	1992 02 26.31528	10 17 04.52	+07 09 19.1	9 675
(938)	1991 03 09.31788	11 29 54.04	+06 18 13.2	9 675	(1300)	1994 01 08.27309	07 23 37.94	+28 23 29.8	9 675
(976)	1993 10 13.29027	00 41 56.97	+13 14 24.8	9 675	(1300)	1994 01 08.30313	07 23 36.04	+28 23 39.8	9 675
(976)	1993 10 13.32934	00 41 55.34	+13 14 12.0	9 675	(1300)	1994 01 09.31285	07 22 34.55	+28 28 37.6	9 675
(976)	1993 10 15.25087	00 40 36.63	+13 03 03.7	9 675	(1300)	1994 01 09.34531	07 22 32.66	+28 28 47.2	9 675
(994)	1993 10 15.26545	01 23 48.91	+19 59 41.3	9 675	(1327)	1989 05 30.35625	15 28 25.84	-19 09 54.0	9 675
(1050)	1991 03 09.28889	11 31 49.42	-00 21 34.1	9 675	(1327)	1989 05 30.38854	15 28 24.03	-19 09 52.5	9 675
(1050)	1991 03 09.31788	11 31 47.61	-00 21 31.0	9 675	(1327)	1989 06 01.19375	15 26 48.56	-19 08 08.7	9 675
(1050)	1991 03 13.28767	11 27 48.75	-00 12 54.5	9 675	(1327)	1989 06 01.22569	15 26 46.69	-19 08 06.2	9 675
(1071)	1992 11 26.15017	00 45 37.63	+01 36 19.9	9 675	(1336)	1992 11 26.15017	00 55 08.94	+01 32 00.5	9 675
(1071)	1992 11 26.18125	00 45 37.43	+01 36 24.5	9 675	(1336)	1992 11 26.18125	00 55 08.72	+01 32 02.8	9 675
(1071)	1992 11 28.13854	00 45 31.19	+01 41 35.2	9 675	(1336)	1992 11 28.13854	00 54 58.57	+01 34 28.1	9 675
(1071)	1992 11 28.17170	00 45 31.07	+01 41 40.6	9 675	(1336)	1992 11 28.17170	00 54 58.39	+01 34 31.2	9 675
(1077)	1991 03 12.27222	11 05 58.33	+05 38 37.9	9 675	(1352)	1991 03 12.35035	12 09 10.80	-01 48 25.2	9 675
(1077)	1991 03 12.30851	11 05 56.18	+05 38 47.7	9 675	(1352)	1991 03 12.38264	12 09 09.30	-01 48 13.4	9 675
(1079)	1991 03 12.35035	12 04 11.68	-01 22 25.9	9 675	(1356)	1989 05 30.35625	15 18 42.28	-15 32 15.1	9 675
(1079)	1991 03 12.38264	12 04 10.11	-01 22 17.2	9 675	(1356)	1989 05 30.38854	15 18 40.77	-15 32 13.5	9 675
(1082)	1991 03 09.28889	11 39 47.05	+03 19 36.6	9 675	(1356)	1989 06 01.19375	15 17 19.70	-15 31 20.6	9 675
(1082)	1991 03 09.31788	11 39 45.78	+03 19 45.8	9 675	(1356)	1989 06 01.22569	15 17 18.14	-15 31 19.8	9 675
(1083)	1950 06 15.27986	16 14 19.90	-19 55 14.9	6 675	(1374)	1991 03 13.25712	11 19 00.51	-02 14 47.6	9 675
(1083)	1950 06 15.30590	16 14 18.24	-19 55 16.0	6 675	(1374)	1991 03 13.28767	11 18 58.65	-02 14 37.3	9 675
(1086)	1992 02 26.28247	10 31 16.22	+03 48 07.1	9 675	(1378)	1994 01 08.27309	07 08 26.10	+27 39 11.2	9 675
(1086)	1992 02 26.31528	10 31 14.58	+03 48 11.9	9 675	(1378)	1994 01 08.30313	07 08 23.93	+27 39 15.6	9 675
(1086)	1992 04 05.23542	10 06 53.19	+05 13 53.9	9 675	(1378)	1994 01 09.31285	07 07 13.00	+27 41 39.6	9 675
(1086)	1992 04 05.27031	10 06 52.60	+05 13 56.7	9 675	(1378)	1994 01 09.34531	07 07 10.68	+27 41 43.0	9 675
(1115)	1954 07 31.46389	23 52 39.58	-22 34 58.1	6 675	(1379)	1992 02 26.28247	10 05 48.92	+03 44 13.4	9 675
(1126)	1991 03 12.35035	11 52 27.67	+02 32 46.6	9 675	(1379)	1992 02 26.31528	10 05 47.24	+03 44 38.3	9 675
(1126)	1991 03 12.38264	11 52 25.48	+02 32 48.8	9 675	(1381)	1993 10 13.29027	00 59 23.37	+10 49 09.8	9 675
(1131)	1949 11 23.25590	01 36 49.73	+04 10 15.2	6 675	(1381)	1993 10 13.32934	00 59 21.03	+10 49 04.0	9 675

(1381)	1993 10 15.25087	00 57 33.70	+10 44 07.6	9 675	(1641)	1991 03 13.25712	11 13 20.96	+00 28 05.4	9 675
(1389)	1991 03 09.28889	11 40 44.42	+01 56 37.0	9 675	(1641)	1991 03 13.28767	11 13 19.47	+00 28 11.1	9 675
(1389)	1991 03 09.31788	11 40 43.06	+01 56 46.9	9 675	(1648)	1992 11 26.15017	00 48 02.88	-01 44 54.5	9 675
(1438)	1991 02 09.43194	11 16 25.80	+01 52 11.9	9 675	(1648)	1992 11 26.18125	00 48 02.78	-01 44 50.5	9 675
(1438)	1991 02 09.48003	11 16 24.10	+01 52 21.2	9 675	(1648)	1992 11 28.13854	00 48 03.95	-01 40 03.4	9 675
(1438)	1991 03 12.27222	10 55 41.91	+04 00 26.3	9 675	(1648)	1992 11 28.17170	00 48 03.94	-01 39 58.6	9 675
(1438)	1991 03 12.30851	10 55 40.39	+04 00 35.5	9 675	(1681)	1992 11 26.15017	01 08 08.43	-02 53 22.9	9 675
(1439)	1989 06 01.19375	14 58 23.21	-18 38 40.5	9 675	(1681)	1992 11 26.18125	01 08 07.98	-02 53 15.7	9 675
(1439)	1989 06 01.22569	14 58 21.98	-18 38 39.4	9 675	(1681)	1992 11 28.13854	01 07 47.29	-02 45 26.5	9 675
(1444)	1994 01 08.27309	07 25 45.37	+28 35 20.5	9 675	(1681)	1992 11 28.17170	01 07 46.92	-02 45 18.4	9 675
(1444)	1994 01 08.30313	07 25 43.53	+28 35 18.0	9 675	(1712)	1993 10 13.30434	00 58 14.51	+24 00 14.1	9 675
(1444)	1994 01 09.34531	07 24 42.14	+28 33 42.3	9 675	(1712)	1993 10 13.34340	00 58 12.75	+23 59 54.8	9 675
(1458)	1991 03 13.21111	10 22 09.30	+03 02 55.6	9 675	(1712)	1993 10 15.26545	00 56 50.31	+23 44 27.7	9 675
(1458)	1991 03 13.24219	10 22 07.88	+03 03 12.6	9 675	(1728)	1991 03 13.21111	10 07 26.53	-00 04 41.2	9 675
(1465)	1993 10 14.28125	01 42 38.61	+01 51 40.5	9 675	(1728)	1991 03 13.24219	10 07 25.08	-00 04 28.1	9 675
(1465)	1993 10 14.31736	01 42 36.98	+01 51 28.7	9 675	(1729)	1989 05 30.35625	15 16 38.64	-22 02 12.0	9 675
(1465)	1993 10 15.27257	01 41 56.14	+01 45 48.5	9 675	(1729)	1989 05 30.38854	15 16 36.72	-22 02 06.1	9 675
(1467)	1992 04 05.23542	10 15 52.14	+00 37 58.8	9 675	(1729)	1989 06 01.19375	15 15 00.42	-21 56 55.3	9 675
(1467)	1992 04 05.27031	10 15 51.07	+00 38 00.8	9 675	(1729)	1989 06 01.22569	15 14 58.47	-21 56 49.4	9 675
(1469)	1991 02 09.43194	11 21 04.13	-04 42 31.9	9 675	(1750)	1994 01 12.12431	03 12 26.22	+25 10 16.1	15.5 2 675
(1469)	1991 02 09.48003	11 21 02.74	-04 42 18.5	9 675	(1750)	1994 01 12.14653	03 12 27.70	+25 09 56.3	2 675
(1469)	1991 03 13.25712	11 01 01.33	-01 13 46.8	9 675	(1750)	1994 01 13.13750	03 13 40.42	+24 55 03.8	2 675
(1469)	1991 03 13.28767	11 01 00.07	-01 13 32.4	9 675	(1753)	1993 10 14.28125	01 49 52.47	+00 54 47.7	9 675
(1475)	1991 03 12.35035	12 02 56.16	-03 20 06.0	9 675	(1753)	1993 10 14.31736	01 49 50.56	+00 54 43.1	9 675
(1475)	1991 03 12.38264	12 02 54.31	-03 19 51.8	9 675	(1753)	1993 10 15.27257	01 49 01.60	+00 52 41.5	9 675
(1507)	1991 03 13.21111	10 09 54.67	+00 28 49.0	9 675	(1773)	1992 11 26.15017	00 44 16.97	-01 06 27.2	9 675
(1507)	1991 03 13.24219	10 09 52.99	+00 28 58.0	9 675	(1773)	1992 11 26.18125	00 44 16.73	-01 06 22.3	9 675
(1550)	1949 11 23.22847	01 43 31.24	+03 42 26.4	6 675	(1773)	1992 11 28.13854	00 44 07.67	-01 01 02.3	9 675
(1550)	1949 11 23.25590	01 43 30.71	+03 42 41.0	6 675	(1773)	1992 11 28.17170	00 44 07.46	-01 00 56.8	9 675
(1561)	1954 07 04.42986	21 39 26.83	-07 35 08.9	6 675	(1775)	1949 11 23.25590	01 53 40.55	+04 09 53.6	6 675
(1561)	1954 07 04.45417	21 39 26.39	-07 35 09.2	6 675	(1776)	1993 10 14.28125	01 52 15.36	+04 24 00.3	9 675
(1561)	1992 02 26.28247	10 30 16.63	+02 53 42.7	9 675	(1776)	1993 10 14.31736	01 52 13.76	+04 23 45.6	9 675
(1561)	1992 02 26.31528	10 30 15.14	+02 53 51.5	9 675	(1776)	1993 10 15.27257	01 51 33.42	+04 17 18.3	9 675
(1561)	1992 04 05.23542	10 07 27.39	+05 48 28.6	9 675	(1795)	1991 03 13.21111	10 29 04.77	+03 20 10.0	9 675
(1561)	1992 04 05.27031	10 07 26.79	+05 48 35.3	9 675	(1795)	1991 03 13.24219	10 29 03.30	+03 20 24.3	9 675
(1562)	1954 07 28.43681	23 56 17.75	-04 03 14.2	6 675	(1806)	1992 09 30.27413	23 56 13.56	+07 05 10.9	9 675
(1562)	1954 07 28.46111	23 56 17.88	-04 03 18.1	6 675	(1806)	1992 09 30.31094	23 56 11.38	+07 04 57.9	9 675
(1563)	1993 10 14.28125	01 30 00.02	+03 26 25.7	9 675	(1806)	1992 10 03.27847	23 53 22.71	+06 44 51.4	9 675
(1563)	1993 10 14.31736	01 29 57.64	+03 26 17.5	9 675	(1806)	1992 10 03.31354	23 53 20.64	+06 44 37.7	9 675
(1563)	1993 10 15.27257	01 28 55.70	+03 22 37.0	9 675	(1857)	1954 07 04.42986	21 42 27.46	-06 43 15.2	6 675
(1620)	1994 01 11.36684	07 30 25.76	+49 05 57.0	16.0 2 675	(1857)	1954 07 04.45417	21 42 26.97	-06 43 11.5	6 675
(1620)	1994 01 11.39201	07 30 20.30	+49 05 56.6	2 675	(1882)	1993 10 10.30035	01 36 42.91	+09 43 57.2	9 675
(1620)	1994 01 13.29878	07 23 25.45	+49 02 19.3	2 675	(1882)	1993 10 10.33767	01 36 41.25	+09 43 39.8	9 675
(1620)	1994 01 13.32361	07 23 19.74	+49 02 15.7	2 675	(1882)	1993 10 13.29722	01 34 32.58	+09 20 48.9	9 675
(1623)	1993 10 14.28125	01 44 35.54	+06 36 59.6	9 675	(1882)	1993 10 13.33628	01 34 30.82	+09 20 30.5	9 675
(1623)	1993 10 14.31736	01 44 33.82	+06 36 49.7	9 675	(1888)	1992 09 30.27413	23 58 34.93	+08 44 48.1	9 675
(1623)	1993 10 15.27257	01 43 50.15	+06 32 27.7	9 675	(1888)	1992 09 30.31094	23 58 33.02	+08 44 33.4	9 675
(1630)	1992 11 26.18125	00 56 01.69	+03 04 37.6	9 675	(1888)	1992 10 03.27847	23 56 02.33	+08 23 39.0	9 675
(1630)	1992 11 28.13854	00 55 34.81	+03 05 11.6	9 675	(1888)	1992 10 03.31354	23 56 00.53	+08 23 24.1	9 675
(1630)	1992 11 28.17170	00 55 34.38	+03 05 14.2	9 675	(1894)	1989 05 30.35625	15 21 49.02	-18 58 38.2	9 675
(1630)	1994 01 09.31285	07 24 14.80	+27 55 45.6	9 675	(1894)	1989 05 30.38854	15 21 47.37	-18 58 30.6	9 675
(1630)	1994 01 09.34531	07 24 12.90	+27 55 51.3	9 675	(1894)	1989 06 01.19375	15 20 24.83	-18 52 49.6	9 675

(1894)	1989 06 01.22569	15 20 23.25	-18 52 43.6	9 675	(2175)	1992 02 26.31528	10 30 23.47	+03 34 12.3	9 675
(1900)	1992 02 26.28247	10 16 38.46	+00 17 40.1	9 675	(2184)	1992 09 30.27413	23 49 44.37	+07 19 42.7	9 675
(1900)	1992 02 26.31528	10 16 36.23	+00 17 48.5	9 675	(2184)	1992 09 30.31094	23 49 42.75	+07 19 31.8	9 675
(1902)	1955 04 14.24931	12 08 49.01	+13 27 41.0	6 675	(2186)	1989 05 30.35625	15 02 34.86	-20 03 07.8	9 675
(1902)	1955 04 14.27431	12 08 48.17	+13 27 42.9	6 675	(2186)	1989 05 30.38854	15 02 33.22	-20 02 59.3	9 675
(1910)	1993 10 10.30035	01 19 44.10	+08 45 11.8	9 675	(2186)	1989 06 01.19375	15 01 13.16	-19 55 54.4	9 675
(1910)	1993 10 10.33767	01 19 42.48	+08 44 56.2	9 675	(2186)	1989 06 01.22569	15 01 11.64	-19 55 47.0	9 675
(1910)	1993 10 13.29722	01 17 35.50	+08 23 35.3	9 675	(2233)	1950 06 15.27986	16 00 31.60	-20 18 03.1	6 675
(1910)	1993 10 13.33628	01 17 33.77	+08 23 18.3	9 675	(2233)	1950 06 15.30590	16 00 30.25	-20 17 56.6	6 675
(1932)	1991 03 09.28889	11 44 51.66	+00 30 00.1	9 675	(2240)	1991 03 12.27222	10 56 18.65	+08 06 55.8	9 675
(1932)	1991 03 09.31788	11 44 50.06	+00 30 12.0	9 675	(2240)	1991 03 12.30851	10 56 16.94	+08 07 06.3	9 675
(1944)	1991 03 13.25712	11 21 13.71	-01 55 46.7	9 675	(2250)	1989 05 30.35625	15 12 46.23	-15 40 59.5	9 675
(1944)	1991 03 13.28767	11 21 11.98	-01 55 32.6	9 675	(2250)	1989 05 30.38854	15 12 44.84	-15 40 53.7	9 675
(1965)	1993 10 10.30035	01 23 19.04	+04 54 33.1	9 675	(2250)	1989 06 01.19375	15 11 27.89	-15 36 03.3	9 675
(1965)	1993 10 10.33767	01 23 17.01	+04 54 21.4	9 675	(2250)	1989 06 01.22569	15 11 26.39	-15 35 58.2	9 675
(1965)	1993 10 13.29722	01 20 39.44	+04 39 34.5	9 675	(2256)	1991 03 12.35035	12 15 54.97	-01 04 58.3	9 675
(1965)	1993 10 13.33628	01 20 37.28	+04 39 23.7	9 675	(2256)	1991 03 12.38264	12 15 53.53	-01 04 49.2	9 675
(1968)	1993 10 14.28125	01 30 27.34	+03 46 59.3	9 675	(2259)	1991 03 13.21111	10 01 05.58	+05 21 35.4	9 675
(1968)	1993 10 14.31736	01 30 25.49	+03 46 49.8	9 675	(2259)	1991 03 13.24219	10 01 03.87	+05 21 43.0	9 675
(1968)	1993 10 15.27257	01 29 36.39	+03 42 53.6	9 675	(2268)	1992 11 26.15017	00 47 56.82	+00 49 14.6	9 675
(1970)	1991 02 09.43194	11 16 49.60	-00 45 20.8	9 675	(2268)	1992 11 26.18125	00 47 56.69	+00 49 17.9	9 675
(1970)	1991 02 09.48003	11 16 47.76	-00 45 23.2	9 675	(2268)	1992 11 28.13854	00 47 55.78	+00 53 11.1	9 675
(1979)	1993 10 10.30035	01 38 31.66	+10 22 39.4	9 675	(2268)	1992 11 28.17170	00 47 55.72	+00 53 15.9	9 675
(1979)	1993 10 10.33767	01 38 29.73	+10 22 19.8	9 675	(2274)	1991 03 12.27222	10 53 17.02	+07 15 24.6	9 675
(1979)	1993 10 13.29722	01 36 01.27	+09 56 26.4	9 675	(2274)	1991 03 12.30851	10 53 15.07	+07 15 33.0	9 675
(1979)	1993 10 13.33628	01 35 59.19	+09 56 06.4	9 675	(2289)	1989 05 30.35625	15 29 26.40	-15 54 04.0	9 675
(1990)	1950 06 15.27986	16 03 47.69	-15 41 46.5	6 675	(2289)	1989 05 30.38854	15 29 24.94	-15 53 58.3	9 675
(2002)	1954 07 04.42986	21 43 51.88	-03 00 16.4	6 675	(2289)	1989 06 01.19375	15 28 03.66	-15 48 23.2	9 675
(2002)	1954 07 04.45417	21 43 51.47	-03 00 18.1	6 675	(2289)	1989 06 01.22569	15 28 02.00	-15 48 16.5	9 675
(2019)	1991 03 13.21111	10 04 44.86	+04 33 20.4	9 675	(2294)	1992 02 26.28247	10 05 22.88	+04 53 13.5	9 675
(2019)	1991 03 13.24219	10 04 43.12	+04 33 30.9	9 675	(2294)	1992 02 26.31528	10 05 20.99	+04 53 20.9	9 675
(2067)	1991 03 12.27222	11 13 03.91	+06 23 44.7	9 675	(2303)	1992 11 26.15017	01 04 16.23	+00 45 56.2	9 675
(2067)	1991 03 12.30851	11 13 02.52	+06 23 55.0	9 675	(2303)	1992 11 26.18125	01 04 15.82	+00 45 50.2	9 675
(2068)	1994 01 08.27309	07 09 36.51	+26 13 40.2	9 675	(2303)	1992 11 28.13854	01 03 55.50	+00 38 32.5	9 675
(2068)	1994 01 08.30313	07 09 34.65	+26 13 51.9	9 675	(2303)	1992 11 28.17170	01 03 55.16	+00 38 24.5	9 675
(2068)	1994 01 09.31285	07 08 32.96	+26 20 39.5	9 675	(2321)	1993 10 14.28125	01 39 11.13	+05 16 56.0	9 675
(2068)	1994 01 09.34531	07 08 30.92	+26 20 52.4	9 675	(2321)	1993 10 14.31736	01 39 09.18	+05 16 50.9	9 675
(2089)	1993 10 09.23021	00 43 50.91	-25 10 31.8	9 675	(2321)	1993 10 15.27257	01 38 20.25	+05 14 34.9	9 675
(2089)	1993 10 09.27170	00 43 48.65	-25 10 37.2	9 675	(2362)	1991 03 12.27222	11 08 38.95	+08 04 52.1	9 675
(2089)	1993 10 14.23367	00 39 40.91	-25 16 02.4	9 675	(2362)	1991 03 12.30851	11 08 36.64	+08 05 03.5	9 675
(2089)	1993 10 14.26667	00 39 39.17	-25 16 03.6	9 675	(2377)	1993 10 10.30035	01 30 35.86	+10 57 50.2	9 675
(2096)	1991 03 12.27222	11 06 07.90	+04 41 19.8	9 675	(2377)	1993 10 10.33767	01 30 33.98	+10 57 38.4	9 675
(2096)	1991 03 12.30851	11 06 05.87	+04 41 32.8	9 675	(2377)	1993 10 13.29722	01 28 10.49	+10 43 19.8	9 675
(2139)	1992 02 26.28247	10 15 01.82	+07 23 38.9	9 675	(2377)	1993 10 13.33628	01 28 08.51	+10 43 08.4	9 675
(2139)	1992 02 26.31528	10 14 59.91	+07 23 50.0	9 675	(2390)	1993 10 13.30434	01 07 55.42	+23 11 47.0	9 675
(2158)	1991 03 12.35035	12 04 42.14	-00 54 21.4	9 675	(2390)	1993 10 13.34340	01 07 52.95	+23 11 39.8	9 675
(2158)	1991 03 12.38264	12 04 40.70	-00 54 11.4	9 675	(2390)	1993 10 15.26545	01 05 55.82	+23 05 34.6	9 675
(2172)	1993 10 14.28125	01 55 12.06	+06 48 30.2	9 675	(2402)	1991 03 12.35035	11 51 37.66	-02 01 33.4	9 675
(2172)	1993 10 14.31736	01 55 10.20	+06 48 20.9	9 675	(2402)	1991 03 12.38264	11 51 35.54	-02 01 24.8	9 675
(2172)	1993 10 15.27257	01 54 24.00	+06 44 33.0	9 675	(2410)	1991 03 12.35035	12 02 03.24	+03 30 58.3	9 675
(2175)	1950 06 15.27986	15 55 13.62	-17 21 14.4	6 675	(2410)	1991 03 12.38264	12 02 01.42	+03 31 13.0	9 675
(2175)	1950 06 15.30590	15 55 12.06	-17 21 08.9	6 675	(2425)	1993 10 14.28125	01 59 09.79	+04 19 57.3	9 675

(2425)	1993 10 14.31736	01 59 07.87	+04 19 53.7	9 675	(2724)	1991 03 12.27222	11 14 23.75	+06 28 45.8	9 675
(2425)	1993 10 15.27257	01 58 18.56	+04 18 02.8	9 675	(2724)	1991 03 12.30851	11 14 22.07	+06 28 59.1	9 675
(2475)	1993 10 13.29722	01 32 58.33	+11 34 06.0	9 675	(2730)	1954 07 28.43681	23 55 14.07	-05 10 09.7	6 675
(2475)	1993 10 13.33628	01 32 56.60	+11 33 47.6	9 675	(2730)	1954 07 28.46111	23 55 13.79	-05 10 08.2	6 675
(2476)	1950 06 15.27986	16 10 07.27	-17 21 39.3	6 675	(2746)	1991 03 09.28889	11 27 05.48	+02 28 28.7	9 675
(2476)	1950 06 15.29028	16 10 06.75	-17 21 37.4	6 675	(2746)	1991 03 09.31788	11 27 03.85	+02 28 43.6	9 675
(2479)	1992 09 30.27413	23 56 25.90	+03 37 10.2	9 675	(2772)	1993 12 14.43524	07 20 00.15	+10 44 15.9	15.0 2 675
(2487)	1992 09 30.27413	00 13 13.31	+03 21 46.6	9 675	(2772)	1993 12 14.45677	07 19 59.32	+10 44 22.6	2 675
(2487)	1992 10 03.27847	00 10 32.20	+03 11 15.4	9 675	(2772)	1993 12 16.39427	07 18 49.13	+10 54 51.0	2 675
(2487)	1992 10 03.31354	00 10 30.21	+03 11 07.7	9 675	(2772)	1993 12 16.41771	07 18 48.10	+10 54 58.4	2 675
(2520)	1954 07 28.43681	23 51 44.93	-05 18 15.2	6 675	(2772)	1994 01 11.28021	06 55 56.27	+14 35 13.1	15.0 2 675
(2520)	1954 07 28.46111	23 51 44.81	-05 18 14.1	6 675	(2772)	1994 01 11.30417	06 55 54.92	+14 35 28.5	2 675
(2527)	1991 03 12.27222	11 03 41.20	+04 35 37.9	9 675	(2795)	1993 12 14.43524	07 17 32.31	+12 56 57.7	15.1 2 675
(2527)	1991 03 12.30851	11 03 39.20	+04 35 51.0	9 675	(2795)	1993 12 14.45677	07 17 31.22	+12 56 54.0	2 675
(2566)	1992 11 26.15017	00 40 53.97	+01 22 17.1	9 675	(2795)	1993 12 16.39427	07 15 57.45	+12 52 56.9	2 675
(2566)	1992 11 26.18125	00 40 53.76	+01 22 20.9	9 675	(2795)	1993 12 16.41771	07 15 56.28	+12 52 54.1	2 675
(2566)	1992 11 28.13854	00 40 47.77	+01 27 26.7	9 675	(2820)	1992 09 30.27413	00 19 50.67	+05 34 45.6	9 675
(2566)	1992 11 28.17170	00 40 47.67	+01 27 31.3	9 675	(2820)	1992 09 30.31094	00 19 48.71	+05 34 27.0	9 675
(2588)	1991 03 13.25712	11 13 35.39	+01 26 43.9	9 675	(2820)	1992 10 03.27847	00 17 23.98	+05 10 43.3	9 675
(2588)	1991 03 13.28767	11 13 33.81	+01 26 55.7	9 675	(2820)	1992 10 03.31354	00 17 22.12	+05 10 25.8	9 675
(2606)	1954 07 05.43264	21 48 50.79	+02 31 04.2	6 675	(2823)	1992 04 05.23542	10 12 50.83	+05 08 23.2	9 675
(2606)	1954 07 05.45694	21 48 50.29	+02 31 05.2	6 675	(2833)	1991 03 09.28889	11 38 41.33	+01 44 22.6	9 675
(2644)	1994 01 08.27309	07 12 17.59	+26 17 02.1	9 675	(2833)	1991 03 09.31788	11 38 39.88	+01 44 31.2	9 675
(2644)	1994 01 08.30313	07 12 15.28	+26 17 05.2	9 675	(2836)	1993 10 13.29027	01 10 54.34	+16 20 23.9	9 675
(2644)	1994 01 09.31285	07 10 59.35	+26 18 34.9	9 675	(2836)	1993 10 13.30434	01 10 53.52	+16 20 22.7	9 675
(2644)	1994 01 09.34531	07 10 56.81	+26 18 37.7	9 675	(2836)	1993 10 13.32934	01 10 52.19	+16 20 17.3	9 675
(2673)	1991 03 12.35035	12 08 25.83	+02 40 44.0	9 675	(2836)	1993 10 13.34340	01 10 51.38	+16 20 16.4	9 675
(2673)	1991 03 12.38264	12 08 24.43	+02 40 53.6	9 675	(2836)	1993 10 15.25087	01 09 09.48	+16 15 22.0	9 675
(2679)	1992 04 05.23542	10 19 03.40	+00 23 45.3	9 675	(2836)	1993 10 15.26545	01 09 08.66	+16 15 20.8	9 675
(2679)	1992 04 05.27031	10 19 02.95	+00 24 01.1	9 675	(2847)	1950 06 15.27986	16 10 40.09	-20 26 16.2	6 675
(2694)	1989 05 30.35625	15 24 06.21	-19 08 21.8	9 675	(2847)	1950 06 15.30590	16 10 38.84	-20 26 11.9	6 675
(2694)	1989 05 30.38854	15 24 04.45	-19 08 13.8	9 675	(2869)	1993 10 13.30434	01 21 03.39	+18 38 36.1	9 675
(2694)	1989 06 01.19375	15 22 36.65	-19 00 35.4	9 675	(2869)	1993 10 13.34340	01 21 00.76	+18 38 33.8	9 675
(2694)	1989 06 01.22569	15 22 34.95	-19 00 28.0	9 675	(2869)	1993 10 15.26545	01 18 55.48	+18 36 15.2	9 675
(2705)	1993 10 10.30035	01 13 24.60	+09 36 21.8	9 675	(2885)	1991 03 09.28889	11 28 32.49	+03 19 51.1	9 675
(2705)	1993 10 10.33767	01 13 22.12	+09 36 16.7	9 675	(2885)	1991 03 09.31788	11 28 30.58	+03 20 01.4	9 675
(2705)	1993 10 13.29722	01 10 13.25	+09 29 41.8	9 675	(2931)	1991 03 09.28889	11 26 37.24	+05 43 27.1	9 675
(2705)	1993 10 13.33628	01 10 10.63	+09 29 37.8	9 675	(2931)	1991 03 09.31788	11 26 35.80	+05 43 36.5	9 675
(2709)	1993 10 13.29722	01 28 34.92	+12 27 22.5	9 675	(2947)	1992 04 05.23542	10 24 56.03	+04 48 40.3	9 675
(2709)	1993 10 13.33628	01 28 32.50	+12 27 06.1	9 675	(2947)	1992 04 05.27031	10 24 55.40	+04 48 45.1	9 675
(2715)	1992 09 30.27413	00 22 14.14	+05 27 29.5	9 675	(2949)	1993 10 14.28125	01 41 26.66	+04 18 09.7	9 675
(2715)	1992 09 30.31094	00 22 12.44	+05 27 09.6	9 675	(2949)	1993 10 14.31736	01 41 24.40	+04 17 53.0	9 675
(2715)	1992 10 03.27847	00 20 03.14	+05 01 31.5	9 675	(2949)	1993 10 15.27257	01 40 28.29	+04 10 13.9	9 675
(2715)	1992 10 03.31354	00 20 01.52	+05 01 12.9	9 675	(2953)	1991 03 09.28889	11 17 41.95	+02 46 19.8	9 675
(2716)	1989 06 01.19375	15 08 02.50	-14 27 37.4	9 675	(2953)	1991 03 09.31788	11 17 40.49	+02 46 28.6	9 675
(2716)	1989 06 01.22569	15 08 00.84	-14 27 27.5	9 675	(2953)	1991 03 12.27222	11 15 16.09	+03 01 54.9	9 675
(2716)	1992 04 05.23542	10 31 32.08	+02 15 18.3	9 675	(2953)	1991 03 12.30851	11 15 14.27	+03 02 06.8	9 675
(2716)	1992 04 05.27031	10 31 31.36	+02 15 30.4	9 675	(2958)	1991 03 12.35035	12 03 41.02	-01 52 21.4	9 675
(2721)	1989 05 30.35625	15 12 22.35	-16 17 27.7	9 675	(2958)	1991 03 12.38264	12 03 39.51	-01 52 11.7	9 675
(2721)	1989 05 30.38854	15 12 20.88	-16 17 21.9	9 675	(2961)	1992 09 30.27413	00 00 12.51	+05 45 54.5	9 675
(2721)	1989 06 01.19375	15 11 05.93	-16 13 26.2	9 675	(2961)	1992 09 30.31094	00 00 10.48	+05 45 35.7	9 675
(2721)	1989 06 01.22569	15 11 04.42	-16 13 21.7	9 675	(2961)	1992 10 03.27847	23 57 39.70	+05 19 48.3	9 675

(2961)	1992 10 03.31354	23 57 37.85	+05 19 30.5	9 675	(3161)	1991 03 12.27222	11 08 01.84	+07 36 20.8	9 675
(2976)	1992 04 05.23542	10 28 56.93	+00 53 32.9	9 675	(3161)	1991 03 12.30851	11 07 59.22	+07 36 20.3	9 675
(2976)	1992 04 05.27031	10 28 56.11	+00 53 42.7	9 675	(3207)	1993 10 10.30035	01 36 44.51	+08 00 18.0	9 675
(2990)	1989 05 30.35625	15 21 44.15	-14 07 39.4	9 675	(3207)	1993 10 10.33767	01 36 42.78	+08 00 05.6	9 675
(2990)	1989 05 30.38854	15 21 42.54	-14 07 33.9	9 675	(3207)	1993 10 13.29722	01 34 23.06	+07 44 22.9	9 675
(2990)	1989 06 01.19375	15 20 14.29	-14 02 21.4	9 675	(3207)	1993 10 13.33628	01 34 21.14	+07 44 10.4	9 675
(2999)	1993 10 14.28125	01 42 37.70	+00 18 33.6	9 675	(3209)	1954 07 28.43681	23 44 28.07	-05 31 54.8	6 675
(2999)	1993 10 14.31736	01 42 35.38	+00 18 25.4	9 675	(3209)	1954 07 28.46111	23 44 27.96	-05 31 59.3	6 675
(2999)	1993 10 15.27257	01 41 36.45	+00 14 37.0	9 675	(3235)	1992 09 30.27413	00 17 13.69	+08 54 47.8	9 675
(3007)	1989 05 30.35625	15 22 32.39	-16 01 39.1	9 675	(3235)	1992 09 30.31094	00 17 11.58	+08 54 40.4	9 675
(3007)	1989 05 30.38854	15 22 30.39	-16 01 41.4	9 675	(3235)	1992 10 03.27847	00 14 25.44	+08 46 15.5	9 675
(3007)	1989 06 01.19375	15 20 43.12	-16 03 40.1	9 675	(3235)	1992 10 03.31354	00 14 23.36	+08 46 08.8	9 675
(3007)	1989 06 01.22569	15 20 41.01	-16 03 42.5	9 675	(3302)	1991 03 12.35035	12 08 36.07	+01 21 27.6	9 675
(3016)	1993 10 10.30035	01 31 25.38	+04 57 43.2	9 675	(3302)	1991 03 12.38264	12 08 34.37	+01 21 41.1	9 675
(3016)	1993 10 10.33767	01 31 23.50	+04 57 31.4	9 675	(3307)	1991 03 13.21111	10 13 55.13	-00 29 41.1	9 675
(3016)	1993 10 13.29722	01 29 00.89	+04 42 03.5	9 675	(3307)	1991 03 13.24219	10 13 53.57	-00 29 28.8	9 675
(3016)	1993 10 13.33628	01 28 58.81	+04 41 52.7	9 675	(3328)	1989 05 30.35625	15 14 33.98	-16 42 10.5	9 675
(3016)	1993 10 14.28125	01 28 13.17	+04 36 56.6	9 675	(3328)	1989 05 30.38854	15 14 32.36	-16 42 10.3	9 675
(3028)	1991 03 13.25712	11 29 58.65	-01 18 33.1	9 675	(3328)	1989 06 01.19375	15 13 05.30	-16 42 53.8	9 675
(3028)	1991 03 13.28767	11 29 57.29	-01 18 18.9	9 675	(3328)	1989 06 01.22569	15 13 03.58	-16 42 54.6	9 675
(3029)	1991 02 09.43194	11 19 38.68	+01 49 06.0	9 675	(3340)	1994 01 08.27309	07 12 47.63	+31 00 10.3	9 675
(3029)	1991 02 09.48003	11 19 36.77	+01 49 08.5	9 675	(3340)	1994 01 08.30313	07 12 45.29	+31 00 14.1	9 675
(3029)	1991 03 12.27222	10 51 30.22	+03 26 38.3	9 675	(3340)	1994 01 09.31285	07 11 28.36	+31 02 37.7	9 675
(3029)	1991 03 12.30851	10 51 27.93	+03 26 48.5	9 675	(3340)	1994 01 09.34531	07 11 25.85	+31 02 42.9	9 675
(3030)	1991 03 13.21111	10 13 45.47	+06 23 36.3	9 675	(3414)	1955 07 24.40347	22 15 02.21	-19 49 15.0	6 675
(3030)	1991 03 13.24219	10 13 43.83	+06 23 45.4	9 675	(3414)	1955 07 24.43006	22 15 01.23	-19 49 22.8	6 675
(3050)	1991 03 09.28889	11 37 14.18	+00 19 25.2	9 675	(3472)	1992 09 30.27413	00 17 53.60	+09 12 50.7	9 675
(3050)	1991 03 09.31788	11 37 12.34	+00 19 37.1	9 675	(3472)	1992 09 30.31094	00 17 51.82	+09 12 36.0	9 675
(3050)	1992 09 30.27413	00 11 02.36	+03 40 24.4	9 675	(3472)	1992 10 03.27847	00 15 35.22	+08 52 39.9	9 675
(3050)	1992 10 03.27847	00 08 31.10	+03 20 45.3	9 675	(3504)	1992 11 26.15017	00 44 39.88	+01 56 23.0	9 675
(3050)	1992 10 03.31354	00 08 29.19	+03 20 31.1	9 675	(3504)	1992 11 26.18125	00 44 39.79	+01 56 23.3	9 675
(3051)	1953 12 07.42396	06 37 50.35	+28 14 26.8	6 675	(3504)	1992 11 28.13854	00 44 34.55	+01 57 26.4	9 675
(3051)	1953 12 07.44792	06 37 48.76	+28 14 19.3	6 675	(3504)	1992 11 28.17170	00 44 34.42	+01 57 26.6	9 675
(3058)	1991 02 09.43194	11 26 30.78	-01 12 16.0	9 675	(3507)	1993 10 14.28125	01 36 51.86	+05 31 19.9	9 675
(3058)	1991 02 09.48003	11 26 28.79	-01 12 04.2	9 675	(3507)	1993 10 14.31736	01 36 50.11	+05 31 11.5	9 675
(3058)	1991 03 12.27222	10 59 14.76	+02 08 10.9	9 675	(3507)	1993 10 15.27257	01 36 06.20	+05 27 15.6	9 675
(3058)	1991 03 12.30851	10 59 12.48	+02 08 25.5	9 675	(3522)	1992 09 30.27413	23 57 46.06	+04 49 52.3	9 675
(3066)	1992 04 05.23542	10 27 06.52	+06 48 24.0	9 675	(3522)	1992 09 30.31094	23 57 44.69	+04 49 31.1	9 675
(3066)	1992 04 05.27031	10 27 05.86	+06 48 38.3	9 675	(3522)	1992 10 03.27847	23 56 08.49	+04 21 36.8	9 675
(3071)	1993 10 14.28125	01 46 20.71	+07 50 08.2	9 675	(3522)	1992 10 03.31354	23 56 07.24	+04 21 16.4	9 675
(3074)	1991 03 12.35035	11 51 36.94	+00 24 17.4	9 675	(3527)	1993 10 13.29027	00 59 43.92	+09 52 28.5	9 675
(3074)	1991 03 12.38264	11 51 35.03	+00 24 25.3	9 675	(3527)	1993 10 13.32934	00 59 41.64	+09 52 09.5	9 675
(3084)	1954 07 04.42986	21 33 09.67	-07 18 15.1	6 675	(3527)	1993 10 15.25087	00 57 55.53	+09 36 44.2	9 675
(3084)	1954 07 04.45417	21 33 09.65	-07 18 13.5	6 675	(3541)	1993 10 14.28125	01 29 28.62	+03 01 21.1	9 675
(3084)	1991 02 11.27274	11 47 00.80	-00 46 03.6	9 675	(3541)	1993 10 14.31736	01 29 26.65	+03 01 11.5	9 675
(3084)	1991 02 11.30382	11 46 59.83	-00 45 59.0	9 675	(3541)	1993 10 15.27257	01 28 33.61	+02 56 26.5	9 675
(3084)	1991 03 09.28889	11 27 44.38	+01 39 52.3	9 675	(3544)	1993 12 14.43524	07 24 46.51	+12 31 51.5	15.1 2 675
(3084)	1991 03 09.31788	11 27 42.87	+01 40 03.8	9 675	(3544)	1993 12 14.45677	07 24 45.49	+12 31 52.3	15.7 2 675
(3114)	1991 03 12.27222	10 54 18.70	+06 13 50.5	9 675	(3544)	1993 12 16.39427	07 23 12.20	+12 34 58.7	15.8 2 675
(3114)	1991 03 12.30851	10 54 16.66	+06 14 06.3	9 675	(3544)	1993 12 16.41771	07 23 10.98	+12 35 00.1	16.0 2 675
(3125)	1993 12 16.20573	02 40 43.06	-03 49 52.4	16.0 2 675	(3544)	1994 01 16.39809	06 52 58.56	+14 09 40.1	2 675
(3125)	1993 12 16.22344	02 40 42.77	-03 49 47.2	2 675	(3544)	1994 01 16.41997	06 52 57.15	+14 09 49.1	2 675

(3571)	1993 10 13.29027	00 56 02.84	+14 43 34.1	9 675	(3843)	1989 05 30.35625	15 23 35.03	-21 00 34.0	9 675
(3571)	1993 10 13.32934	00 56 01.31	+14 43 22.6	9 675	(3843)	1989 05 30.38854	15 23 33.65	-21 00 31.0	9 675
(3571)	1993 10 15.25087	00 54 51.39	+14 34 01.9	9 675	(3863)	1991 02 09.43194	11 23 00.22	-00 34 50.2	9 675
(3605)	1991 03 13.25712	11 06 05.80	-01 34 41.6	9 675	(3863)	1991 02 09.48003	11 22 58.50	-00 34 33.0	9 675
(3605)	1991 03 13.28767	11 06 03.95	-01 34 31.5	9 675	(3863)	1991 03 12.27222	10 58 19.26	+03 37 05.6	9 675
(3610)	1950 06 15.27986	16 08 24.38	-18 19 23.9	6 675	(3863)	1991 03 12.30851	10 58 17.31	+03 37 26.9	9 675
(3610)	1950 06 15.30590	16 08 23.09	-18 19 21.1	6 675	(3869)	1992 04 05.23542	10 22 12.52	+03 27 54.8	9 675
(3615)	1991 03 12.27222	11 18 48.16	+06 18 14.9	9 675	(3869)	1992 04 05.27031	10 22 11.58	+03 28 03.9	9 675
(3615)	1991 03 12.30851	11 18 46.53	+06 18 27.0	9 675	(3916)	1993 10 10.30035	01 13 33.90	+07 16 27.8	9 675
(3617)	1992 02 26.28247	10 11 40.52	-00 20 20.6	9 675	(3916)	1993 10 10.33767	01 13 32.09	+07 16 18.8	9 675
(3617)	1992 02 26.31528	10 11 38.87	-00 19 59.6	9 675	(3916)	1993 10 13.29722	01 11 16.41	+07 04 13.5	9 675
(3624)	1991 03 09.28889	11 30 10.47	+05 22 44.8	9 675	(3916)	1993 10 13.33628	01 11 14.59	+07 04 04.0	9 675
(3624)	1991 03 09.31788	11 30 08.64	+05 22 52.5	9 675	(3925)	1991 03 12.27222	10 55 49.45	+07 12 32.8	9 675
(3637)	1992 09 30.27413	23 57 51.93	+10 10 20.5	9 675	(3925)	1991 03 12.30851	10 55 47.93	+07 12 49.2	9 675
(3637)	1992 09 30.31094	23 57 50.26	+10 09 54.3	9 675	(3936)	1992 10 03.27847	23 57 05.95	+08 20 48.0	9 675
(3637)	1992 10 03.27847	23 55 41.13	+09 34 59.2	9 675	(3936)	1992 10 03.31354	23 57 04.17	+08 20 31.8	9 675
(3637)	1992 10 03.31354	23 55 39.59	+09 34 34.5	9 675	(3938)	1991 03 09.28889	11 21 41.39	+04 49 55.0	9 675
(3651)	1994 01 08.27309	07 19 24.10	+29 29 37.6	9 675	(3938)	1991 03 09.31788	11 21 39.79	+04 50 07.5	9 675
(3651)	1994 01 08.30313	07 19 21.94	+29 29 47.5	9 675	(3938)	1991 03 12.27222	11 19 03.02	+05 09 48.2	9 675
(3651)	1994 01 09.31285	07 18 10.55	+29 34 44.9	9 675	(3938)	1991 03 12.30851	11 19 01.05	+05 10 02.7	9 675
(3651)	1994 01 09.34531	07 18 08.26	+29 34 54.9	9 675	(3941)	1993 10 10.30035	01 27 48.13	+08 28 46.1	9 675
(3659)	1991 02 09.43194	11 18 04.26	+01 19 14.1	9 675	(3941)	1993 10 10.33767	01 27 46.34	+08 28 33.8	9 675
(3659)	1991 02 09.48003	11 18 02.49	+01 19 27.7	9 675	(3941)	1993 10 13.29722	01 25 27.17	+08 13 12.6	9 675
(3659)	1991 03 12.27222	10 53 29.61	+04 32 57.5	9 675	(3941)	1993 10 13.33628	01 25 25.24	+08 13 00.1	9 675
(3659)	1991 03 12.30851	10 53 27.71	+04 33 13.9	9 675	(3945)	1991 03 09.28889	11 22 37.61	+04 57 37.2	9 675
(3713)	1955 07 24.40347	22 20 51.31	-19 29 25.6	6 675	(3945)	1991 03 09.31788	11 22 36.35	+04 57 47.0	9 675
(3713)	1955 07 24.43006	22 20 50.72	-19 29 36.1	6 675	(3945)	1991 03 12.27222	11 20 29.43	+05 10 22.7	9 675
(3726)	1992 11 26.15017	00 53 20.24	+01 21 33.1	9 675	(3945)	1991 03 12.30851	11 20 27.78	+05 10 34.1	9 675
(3726)	1992 11 26.18125	00 53 20.05	+01 21 35.4	9 675	(3946)	1989 05 30.35625	15 05 36.09	-18 39 14.6	9 675
(3726)	1992 11 28.13854	00 53 14.47	+01 24 17.2	9 675	(3946)	1989 05 30.38854	15 05 34.72	-18 39 08.0	9 675
(3726)	1992 11 28.17170	00 53 14.36	+01 24 20.2	9 675	(3946)	1989 06 01.19375	15 04 24.32	-18 34 01.0	9 675
(3741)	1992 11 26.15017	00 48 31.35	+00 35 20.0	9 675	(3946)	1989 06 01.22569	15 04 22.87	-18 33 54.3	9 675
(3741)	1992 11 26.18125	00 48 31.57	+00 35 18.7	9 675	(3957)	1991 02 09.43194	11 24 10.55	+01 10 42.2	9 675
(3741)	1992 11 28.13854	00 48 43.88	+00 35 16.4	9 675	(3957)	1991 02 09.48003	11 24 09.02	+01 10 53.7	9 675
(3741)	1992 11 28.17170	00 48 44.08	+00 35 15.3	9 675	(3957)	1991 03 12.27222	11 04 05.19	+03 46 27.5	9 675
(3762)	1989 05 30.35625	15 23 53.18	-16 05 11.0	9 675	(3957)	1991 03 12.30851	11 04 03.63	+03 46 38.4	9 675
(3762)	1989 05 30.38854	15 23 51.34	-16 05 03.9	9 675	(3962)	1993 10 10.30035	01 26 54.72	+07 37 07.6	9 675
(3762)	1989 06 01.22569	15 22 10.24	-15 59 03.5	9 675	(3962)	1993 10 10.33767	01 26 52.96	+07 36 59.4	9 675
(3790)	1993 10 10.30035	01 15 56.70	+08 44 33.9	9 675	(3962)	1993 10 13.29722	01 24 40.85	+07 25 05.3	9 675
(3790)	1993 10 10.33767	01 15 54.91	+08 44 24.1	9 675	(3962)	1993 10 13.33628	01 24 39.03	+07 24 55.8	9 675
(3790)	1993 10 13.29722	01 13 38.27	+08 31 02.5	9 675	(3990)	1991 03 12.35035	12 04 49.24	-03 27 14.0	9 675
(3790)	1993 10 13.33628	01 13 36.40	+08 30 51.5	9 675	(3990)	1991 03 12.38264	12 04 48.11	-03 27 03.1	9 675
(3820)	1994 01 09.31285	06 59 23.53	+31 25 56.4	9 675	(4003)	1993 10 13.29722	01 38 59.31	+08 36 21.3	9 675
(3820)	1994 01 09.34531	06 59 21.44	+31 25 51.4	9 675	(4003)	1993 10 13.33628	01 38 57.67	+08 36 09.7	9 675
(3821)	1989 05 30.35625	15 17 15.75	-17 33 32.7	9 675	(4068)	1991 03 12.35035	12 14 23.77	-00 15 35.8	9 675
(3821)	1989 05 30.38854	15 17 14.31	-17 33 26.8	9 675	(4068)	1991 03 12.38264	12 14 22.85	-00 15 26.0	9 675
(3828)	1989 05 30.35625	15 03 08.20	-15 20 55.4	9 675	(4070)	1992 04 05.23542	10 05 41.49	+05 49 28.3	9 675
(3828)	1989 05 30.38854	15 03 06.95	-15 20 45.8	9 675	(4070)	1992 04 05.27031	10 05 40.90	+05 49 36.4	9 675
(3828)	1989 06 01.19375	15 02 00.77	-15 13 40.9	9 675	(4094)	1992 09 30.27413	00 19 44.66	+06 25 19.1	9 675
(3828)	1989 06 01.22569	15 01 59.45	-15 13 34.0	9 675	(4094)	1992 09 30.31094	00 19 43.17	+06 25 07.1	9 675
(3830)	1954 07 05.43264	21 54 05.28	-00 51 19.0	6 675	(4094)	1992 10 03.27847	00 17 52.67	+06 10 04.0	9 675
(3830)	1954 07 05.45694	21 54 04.91	-00 51 12.9	6 675	(4094)	1992 10 03.31354	00 17 51.23	+06 09 52.9	9 675

(4142)	1989 05 30.35625	15 09 52.88	-15 57 37.1	9 675	(4326)	1950 06 15.27986	15 58 52.51	-15 48 15.2	6 675
(4142)	1989 05 30.38854	15 09 49.68	-15 58 00.0	9 675	(4326)	1950 06 15.30590	15 58 51.62	-15 48 13.5	6 675
(4142)	1989 06 01.22569	15 07 04.05	-16 19 28.3	9 675	(4338)	1991 03 13.25712	11 30 35.70	-01 37 42.2	9 675
(4221)	1992 04 05.23542	10 10 58.57	+02 13 27.3	9 675	(4338)	1991 03 13.28767	11 30 33.91	-01 37 25.9	9 675
(4221)	1992 04 05.27031	10 10 58.22	+02 13 50.9	9 675	(4346)	1989 06 01.19375	15 26 59.16	-14 49 26.3	9 675
(4226)	1992 04 05.23542	10 30 02.90	+04 05 48.1	9 675	(4346)	1989 06 01.22569	15 26 57.71	-14 49 14.7	9 675
(4226)	1992 04 05.27031	10 30 01.97	+04 05 55.9	9 675	(4352)	1950 04 20.33576	13 32 52.89	+02 48 33.0	6 675
(4235)	1991 03 12.27222	10 51 40.82	+06 49 39.8	9 675	(4352)	1950 04 20.36528	13 32 51.27	+02 48 38.4	6 675
(4235)	1991 03 12.30851	10 51 39.05	+06 49 53.1	9 675	(4356)	1993 10 13.29027	00 56 38.35	+09 17 49.4	9 675
(4239)	1993 10 10.30035	01 26 34.73	+11 52 53.6	9 675	(4356)	1993 10 13.32934	00 56 36.14	+09 17 41.4	9 675
(4239)	1993 10 10.33767	01 26 32.33	+11 52 40.1	9 675	(4358)	1953 01 10.16250	04 48 44.82	+39 42 27.0	6 675
(4239)	1993 10 13.29722	01 23 29.39	+11 34 50.8	9 675	(4358)	1953 01 10.18472	04 48 43.84	+39 42 22.9	6 675
(4239)	1993 10 13.33628	01 23 26.83	+11 34 36.2	9 675	(4363)	1994 01 08.27309	07 23 31.85	+28 24 05.3	9 675
(4240)	1991 03 09.28889	11 30 35.58	+02 17 21.1	9 675	(4363)	1994 01 08.30313	07 23 29.58	+28 24 17.4	9 675
(4240)	1991 03 09.31788	11 30 34.18	+02 17 30.9	9 675	(4363)	1994 01 09.31285	07 22 16.51	+28 30 33.1	9 675
(4242)	1951 12 01.23577	03 56 50.49	+20 40 56.6	6 675	(4363)	1994 01 09.34531	07 22 14.06	+28 30 43.6	9 675
(4254)	1993 08 21.31128	21 34 13.21	+03 40 59.3	15.5 2 675	(4380)	1991 03 12.35035	11 46 49.39	-01 07 26.9	9 675
(4254)	1993 08 21.33212	21 34 12.13	+03 40 53.5	2 675	(4380)	1991 03 12.38264	11 46 47.76	-01 07 21.2	9 675
(4254)	1993 08 23.29878	21 32 36.45	+03 26 24.0	2 675	(4383)	1994 01 08.27309	07 22 27.04	+26 15 04.7	9 675
(4254)	1993 08 23.32674	21 32 34.94	+03 26 10.3	2 675	(4383)	1994 01 08.30313	07 22 25.03	+26 15 15.2	9 675
(4260)	1992 11 26.15017	00 48 17.31	+00 52 57.2	9 675	(4383)	1994 01 09.31285	07 21 17.46	+26 20 45.6	9 675
(4260)	1992 11 26.18125	00 48 17.13	+00 52 59.4	9 675	(4383)	1994 01 09.34531	07 21 15.30	+26 20 55.7	9 675
(4260)	1992 11 28.13854	00 48 12.63	+00 56 19.7	9 675	(4400)	1991 03 12.35035	11 46 40.43	+01 09 54.9	18.0 9 675
(4260)	1992 11 28.17170	00 48 12.53	+00 56 22.9	9 675	(4400)	1991 03 12.38264	11 46 38.52	+01 10 04.0	9 675
(4264)	1991 03 12.35035	11 50 38.46	+00 04 37.1	9 675	(4412)	1991 03 09.28889	11 22 32.87	+05 44 48.9	9 675
(4264)	1991 03 12.38264	11 50 36.67	+00 04 49.4	9 675	(4412)	1991 03 09.31788	11 22 31.78	+05 44 57.3	9 675
(4281)	1991 03 12.35035	12 03 34.71	-00 37 26.8	9 675	(4412)	1991 03 12.30851	11 20 23.33	+05 59 42.0	9 675
(4281)	1991 03 12.38264	12 03 32.97	-00 37 13.7	9 675	(4421)	1994 01 08.27309	07 17 24.36	+28 10 47.9	9 675
(4286)	1991 03 09.28889	11 40 09.00	+04 56 13.6	9 675	(4421)	1994 01 08.30313	07 17 22.41	+28 11 10.0	9 675
(4286)	1991 03 09.31788	11 40 07.57	+04 56 23.1	9 675	(4421)	1994 01 09.31285	07 16 19.32	+28 23 23.8	9 675
(4287)	1994 01 08.27309	06 56 11.81	+29 46 52.0	9 675	(4421)	1994 01 09.34531	07 16 17.20	+28 23 46.5	9 675
(4287)	1994 01 09.31285	06 54 53.60	+29 49 19.7	9 675	(4424)	1993 12 14.43524	07 02 50.83	+07 21 53.8	14.4 2 675
(4287)	1994 01 09.34531	06 54 51.21	+29 49 24.8	9 675	(4424)	1993 12 14.45677	07 02 49.90	+07 21 56.5	2 675
(4292)	1991 03 09.28889	11 18 25.94	+01 40 08.7	9 675	(4424)	1993 12 16.39427	07 01 23.44	+07 27 01.0	2 675
(4292)	1991 03 09.31788	11 18 24.37	+01 40 15.8	9 675	(4424)	1993 12 16.41771	07 01 22.19	+07 27 04.3	2 675
(4292)	1991 03 12.27222	11 15 50.42	+01 52 50.0	9 675	(4424)	1994 01 11.28021	06 38 25.49	+09 34 23.3	15.5 2 675
(4292)	1991 03 12.30851	11 15 48.46	+01 53 00.3	9 675	(4424)	1994 01 11.30417	06 38 24.12	+09 34 32.5	2 675
(4292)	1991 03 13.25712	11 14 59.27	+01 57 02.1	9 675	(4429)	1991 03 09.28889	11 41 05.07	+00 59 09.5	9 675
(4292)	1991 03 13.28767	11 14 57.63	+01 57 10.1	9 675	(4429)	1991 03 09.31788	11 41 03.44	+00 59 17.4	9 675
(4294)	1993 10 15.25087	01 14 06.35	+13 22 56.5	9 675	(4446)	1993 10 14.28125	01 44 30.29	+07 49 01.1	9 675
(4298)	1950 06 15.27986	16 15 58.19	-19 50 25.7	6 675	(4446)	1993 10 15.27257	01 43 51.78	+07 43 37.8	9 675
(4298)	1950 06 15.30590	16 15 57.04	-19 50 25.4	6 675	(4453)	1993 10 13.30434	01 19 56.13	+20 18 12.4	9 675
(4309)	1991 03 09.28889	11 36 01.77	+01 47 17.1	9 675	(4453)	1993 10 13.34340	01 19 53.94	+20 18 07.2	9 675
(4309)	1991 03 09.31788	11 36 00.22	+01 47 27.9	9 675	(4453)	1993 10 15.26545	01 18 09.40	+20 13 51.7	9 675
(4322)	1994 01 08.27309	07 09 15.68	+30 00 50.9	9 675	(4474)	1993 10 10.30035	01 25 51.89	+05 59 52.0	9 675
(4322)	1994 01 08.30313	07 09 13.46	+30 00 54.3	9 675	(4474)	1993 10 10.33767	01 25 50.27	+05 59 40.1	9 675
(4322)	1994 01 09.31285	07 07 57.48	+30 02 32.1	9 675	(4474)	1993 10 13.29722	01 23 36.69	+05 45 44.8	9 675
(4322)	1994 01 09.34531	07 07 55.02	+30 02 34.7	9 675	(4474)	1993 10 13.33628	01 23 34.90	+05 45 34.1	9 675
(4323)	1954 07 04.42986	21 35 18.29	-08 33 54.4	6 675	(4477)	1989 05 30.35625	15 00 15.68	-15 57 33.3	9 675
(4323)	1954 07 04.45417	21 35 18.09	-08 33 49.2	6 675	(4477)	1989 05 30.38854	15 00 13.91	-15 57 23.8	9 675
(4325)	1993 10 14.28125	01 32 08.93	+03 49 45.6	9 675	(4477)	1989 06 01.19375	14 58 40.98	-15 48 29.4	9 675
(4325)	1993 10 14.31736	01 32 06.98	+03 49 37.7	9 675	(4477)	1989 06 01.22569	14 58 39.21	-15 48 20.4	9 675

(4507)	1994 01 08.27309	06 54 04.32	+26 15 43.5	9 675	(4842)	1991 03 13.28767	11 20 31.88	+00 35 02.3	9 675
(4507)	1994 01 08.30313	06 54 02.65	+26 15 45.6	9 675	(4842)	1992 09 30.27413	00 15 16.66	+04 58 53.1	9 675
(4507)	1994 01 09.31285	06 53 03.58	+26 17 19.5	9 675	(4842)	1992 09 30.31094	00 15 14.59	+04 58 36.0	9 675
(4507)	1994 01 09.34531	06 53 01.58	+26 17 23.2	9 675	(4842)	1992 10 03.27847	00 12 36.09	+04 36 04.9	9 675
(4607)	1992 04 05.23542	10 23 56.35	+06 10 22.0	9 675	(4842)	1992 10 03.31354	00 12 34.11	+04 35 48.8	9 675
(4607)	1992 04 05.27031	10 23 55.72	+06 10 28.0	9 675	(4844)	1991 03 13.21111	10 09 24.40	+00 36 25.8	9 675
(4608)	1992 04 05.23542	10 27 10.92	+03 16 49.8	9 675	(4844)	1991 03 13.24219	10 09 22.84	+00 36 38.0	9 675
(4608)	1992 04 05.27031	10 27 10.15	+03 17 02.5	9 675	(4846)	1954 07 28.43681	23 44 20.53	-06 40 54.0	6 675
(4627)	1989 05 30.35625	15 12 12.42	-13 54 17.1	9 675	(4846)	1954 07 28.46111	23 44 20.22	-06 40 56.9	6 675
(4627)	1989 05 30.38854	15 12 10.87	-13 54 13.1	9 675	(4854)	1991 03 13.21111	10 05 20.75	+06 47 42.4	9 675
(4627)	1989 06 01.19375	15 10 52.71	-13 51 06.8	9 675	(4854)	1991 03 13.24219	10 05 19.39	+06 47 55.3	9 675
(4627)	1989 06 01.22569	15 10 51.15	-13 51 04.3	9 675	(4876)	1993 10 10.30035	01 10 26.04	+08 06 15.0	9 675
(4658)	1950 06 15.27986	16 21 40.54	-19 53 36.9	6 675	(4876)	1993 10 10.33767	01 10 24.24	+08 06 02.2	9 675
(4658)	1950 06 15.30590	16 21 39.39	-19 53 36.7	6 675	(4876)	1993 10 13.29722	01 08 03.50	+07 50 25.5	9 675
(4664)	1989 06 01.19375	15 22 57.74	-20 54 04.5	9 675	(4876)	1993 10 13.33628	01 08 01.58	+07 50 14.2	9 675
(4686)	1992 02 26.28247	10 31 04.37	+01 54 27.2	9 675	(4882)	1991 03 09.28889	11 32 22.15	-01 05 25.8	9 675
(4686)	1992 02 26.31528	10 31 02.47	+01 54 38.3	9 675	(4882)	1991 03 09.31788	11 32 20.57	-01 05 13.0	9 675
(4686)	1992 04 05.23542	10 03 32.60	+05 31 28.8	9 675	(4882)	1991 03 13.25712	11 28 55.47	-00 36 26.6	9 675
(4686)	1992 04 05.27031	10 03 32.05	+05 31 36.0	9 675	(4882)	1991 03 13.28767	11 28 53.87	-00 36 11.3	9 675
(4700)	1949 11 23.22847	01 33 45.23	+03 42 59.1	6 675	(4892)	1992 09 30.27413	00 02 45.84	+07 17 57.7	9 675
(4700)	1949 11 23.25590	01 33 44.44	+03 43 01.7	6 675	(4892)	1992 09 30.31094	00 02 43.93	+07 17 37.7	9 675
(4717)	1950 04 20.33576	13 36 25.18	+03 06 00.6	6 675	(4892)	1992 10 03.27847	00 00 12.36	+06 50 11.0	9 675
(4717)	1950 04 20.36528	13 36 23.55	+03 06 06.6	6 675	(4892)	1992 10 03.31354	00 00 10.51	+06 49 52.6	9 675
(4717)	1955 04 14.24931	12 19 59.58	+13 13 10.3	6 675	(4905)	1992 11 26.15017	01 03 55.32	+00 52 36.2	9 675
(4717)	1955 04 14.27431	12 19 58.38	+13 13 10.8	6 675	(4905)	1992 11 26.18125	01 03 55.59	+00 52 30.7	9 675
(4725)	1991 03 13.25712	11 26 54.66	-02 04 42.4	9 675	(4905)	1992 11 28.13854	01 04 19.04	+00 46 21.3	9 675
(4725)	1991 03 13.28767	11 26 53.27	-02 04 22.9	9 675	(4905)	1992 11 28.17170	01 04 19.38	+00 46 15.5	9 675
(4773)	1993 10 14.28125	01 42 25.37	+05 23 30.4	9 675	(4939)	1954 07 28.43681	23 43 50.14	-06 12 05.1	6 675
(4773)	1993 10 14.31736	01 42 23.28	+05 23 22.5	9 675	(4939)	1954 07 28.46111	23 43 49.91	-06 12 06.6	6 675
(4773)	1993 10 15.27257	01 41 30.81	+05 19 44.4	9 675	(4965)	1993 10 10.30035	01 20 03.68	+09 41 13.2	9 675
(4776)	1994 01 08.27309	07 02 05.02	+31 38 04.2	9 675	(4965)	1993 10 10.33767	01 20 01.90	+09 41 02.4	9 675
(4776)	1994 01 08.30313	07 02 02.63	+31 38 06.0	9 675	(4965)	1993 10 13.29722	01 17 39.17	+09 26 18.1	9 675
(4776)	1994 01 09.31285	07 00 45.41	+31 38 33.8	9 675	(4965)	1993 10 13.33628	01 17 37.14	+09 26 07.0	9 675
(4776)	1994 01 09.34531	07 00 42.90	+31 38 32.3	9 675	(4981)	1991 03 12.27222	11 11 40.87	+09 02 08.8	9 675
(4797)	1991 03 12.38264	11 56 18.95	-01 23 51.8	9 675	(4981)	1991 03 12.30851	11 11 39.12	+09 02 19.5	9 675
(4807)	1991 03 12.27222	11 11 19.29	+04 56 27.5	9 675	(4990)	1991 03 12.38264	12 08 53.00	-01 29 20.6	9 675
(4807)	1991 03 12.30851	11 11 17.13	+04 56 40.9	9 675	(5054)	1992 10 03.27847	00 09 14.23	+03 45 41.9	9 675
(4818)	1992 11 26.15017	00 44 52.26	+02 16 46.1	9 675	(5054)	1992 10 03.31354	00 09 11.97	+03 45 36.1	9 675
(4818)	1992 11 26.18125	00 44 52.03	+02 16 45.7	9 675	(5061)	1989 06 01.19375	15 24 01.06	-19 08 45.5	9 675
(4818)	1992 11 28.13854	00 44 52.42	+02 17 13.5	9 675	(5061)	1989 06 01.22569	15 23 59.71	-19 08 38.0	9 675
(4818)	1992 11 28.17170	00 44 52.43	+02 17 14.3	9 675	(5096)	1992 04 05.23542	10 11 04.32	+05 57 18.3	9 675
(4823)	1991 03 09.28889	11 19 32.96	+03 49 23.2	9 675	(5096)	1992 04 05.27031	10 11 03.79	+05 57 19.7	9 675
(4823)	1991 03 09.31788	11 19 31.07	+03 49 35.1	9 675	(5167)	1953 01 10.18472	04 41 02.69	+41 48 32.8	6 675
(4823)	1991 03 12.27222	11 16 25.76	+04 07 34.3	9 675	(5191)	1992 04 05.23542	10 10 40.63	-00 33 48.9	9 675
(4823)	1991 03 12.30851	11 16 23.43	+04 07 48.1	9 675	(5191)	1992 04 05.27031	10 10 39.95	-00 33 37.5	9 675
(4826)	1994 01 08.27309	07 03 43.79	+29 40 44.0	9 675	(5225)	1991 03 09.28889	11 34 55.70	+06 03 58.9	9 675
(4826)	1994 01 08.30313	07 03 41.49	+29 40 58.6	9 675	(5225)	1991 03 09.31788	11 34 54.44	+06 04 08.0	9 675
(4826)	1994 01 09.31285	07 02 25.85	+29 50 23.7	9 675	(5309)	1991 02 09.43194	11 30 16.19	-00 58 02.3	9 675
(4826)	1994 01 09.34531	07 02 23.37	+29 50 41.5	9 675	(5309)	1991 02 09.48003	11 30 14.52	-00 57 52.1	9 675
(4842)	1991 03 09.28889	11 24 28.10	+00 07 47.7	9 675	(5309)	1991 03 12.27222	11 03 54.83	+02 06 31.5	9 675
(4842)	1991 03 09.31788	11 24 26.34	+00 07 58.5	9 675	(5309)	1991 03 12.30851	11 03 52.55	+02 06 46.4	9 675
(4842)	1991 03 13.25712	11 20 33.77	+00 34 48.6	9 675	(5331)	1993 10 09.23021	00 40 43.85	-24 32 03.3	9 675

(5331)	1993 10 09.27170	00 40 42.39	-24 32 10.4	9 675	(5717)	1993 10 13.29722	01 20 05.84	+10 32 24.8	9 675
(5331)	1993 10 14.23367	00 38 17.84	-24 38 27.6	9 675	(5717)	1993 10 13.33628	01 20 03.45	+10 32 15.6	9 675
(5331)	1993 10 14.26667	00 38 16.77	-24 38 28.0	9 675	(5719)	1992 04 05.23542	10 25 25.91	+06 03 52.5	9 675
(5365)	1991 03 09.28889	11 38 09.35	+05 32 46.5	9 675	(5719)	1992 04 05.27031	10 25 24.86	+06 03 57.6	9 675
(5365)	1991 03 09.31788	11 38 07.55	+05 32 59.9	9 675	(5725)	1953 02 15.26389	08 29 37.98	+52 51 06.9	6 675
(5366)	1991 03 09.28889	11 39 52.01	+03 47 13.4	9 675	(5725)	1953 02 15.28542	08 29 36.65	+52 51 04.5	6 675
(5366)	1991 03 09.31788	11 39 50.41	+03 47 27.4	9 675	(5730)	1993 10 10.30035	01 36 09.82	+07 02 26.8	9 675
(5391)	1991 03 12.35035	12 08 10.92	-02 30 56.9	9 675	(5730)	1993 10 10.33767	01 36 08.00	+07 02 16.5	9 675
(5391)	1991 03 12.38264	12 08 09.03	-02 30 47.7	9 675	(5730)	1993 10 13.29722	01 33 44.99	+06 48 59.2	9 675
(5396)	1950 06 15.27986	16 19 40.80	-16 07 46.1	6 675	(5730)	1993 10 13.33628	01 33 43.01	+06 48 48.4	9 675
(5396)	1950 06 15.30590	16 19 39.41	-16 07 41.4	6 675	(5730)	1993 10 14.28125	01 32 56.95	+06 44 30.1	9 675
(5421)	1992 09 30.27413	00 20 48.94	+09 30 42.5	9 675	(5733)	1993 10 10.30035	01 35 46.76	+07 08 01.4	9 675
(5421)	1992 10 03.27847	00 18 10.59	+09 11 54.9	9 675	(5733)	1993 10 10.33767	01 35 45.04	+07 07 51.1	9 675
(5421)	1992 10 03.31354	00 18 08.66	+09 11 40.7	9 675	(5733)	1993 10 13.29722	01 33 30.95	+06 55 41.2	9 675
(5424)	1993 10 13.29027	00 50 08.91	+09 39 51.2	9 675	(5733)	1993 10 13.33628	01 33 29.05	+06 55 30.9	9 675
(5424)	1993 10 13.32934	00 50 06.64	+09 39 33.4	9 675	(5752)	1992 04 05.23542	10 24 53.76	+04 50 53.6	9 675
(5451)	1991 03 12.35035	11 52 16.71	+01 43 32.6	9 675	(5758)	1989 05 30.35625	15 18 46.26	-17 36 39.5	9 675
(5451)	1991 03 12.38264	11 52 14.98	+01 43 42.6	9 675	(5758)	1989 05 30.38854	15 18 44.30	-17 36 39.0	9 675
(5533)	1992 10 03.27847	00 23 46.25	+06 46 51.9	9 675	(5758)	1989 06 01.19375	15 16 57.86	-17 37 01.7	9 675
(5533)	1992 10 03.31354	00 23 44.00	+06 46 47.7	9 675	(5758)	1989 06 01.22569	15 16 55.77	-17 37 02.2	9 675
(5540)	1992 09 30.27413	00 21 32.09	+08 47 37.3	9 675	(5760)	1991 02 09.43194	11 10 48.26	-05 33 04.0	9 675
(5540)	1992 09 30.31094	00 21 30.62	+08 47 18.7	9 675	(5760)	1991 02 09.48003	11 10 46.68	-05 32 53.9	9 675
(5540)	1992 10 03.27847	00 19 44.90	+08 21 59.4	9 675	(5762)	1993 10 10.30035	01 12 52.61	+06 36 33.6	9 675
(5540)	1992 10 03.31354	00 19 43.58	+08 21 39.6	9 675	(5762)	1993 10 10.33767	01 12 50.57	+06 36 13.6	9 675
(5543)	1954 07 28.43681	23 31 59.78	-03 00 11.5	6 675	(5762)	1993 10 13.29722	01 10 21.18	+06 10 07.1	9 675
(5543)	1954 07 28.46111	23 31 59.63	-03 00 13.0	6 675	(5762)	1993 10 13.33628	01 10 19.07	+06 09 45.7	9 675
(5563)	1989 05 30.35625	15 13 39.40	-14 33 06.5	9 675	(5764)	1993 10 10.30035	01 30 20.18	+05 23 57.3	9 675
(5563)	1989 05 30.38854	15 13 37.79	-14 33 06.6	9 675	(5764)	1993 10 10.33767	01 30 17.99	+05 23 39.9	9 675
(5563)	1989 06 01.22569	15 12 08.36	-14 34 20.6	9 675	(5764)	1993 10 13.29722	01 27 25.42	+05 01 10.7	9 675
(5593)	1954 07 04.42986	21 38 32.04	-08 35 45.3	6 675	(5764)	1993 10 13.33628	01 27 23.10	+05 00 54.7	9 675
(5593)	1954 07 04.45417	21 38 31.50	-08 35 47.6	6 675	(5770)	1991 03 09.31788	11 42 05.14	+02 29 21.6	9 675
(5603)	1992 02 26.28247	10 10 53.41	+06 57 43.6	9 675	(5776)	1993 10 13.29027	00 53 15.44	+15 14 26.8	9 675
(5603)	1992 02 26.31528	10 10 52.09	+06 57 52.5	9 675	(5776)	1993 10 13.32934	00 53 13.44	+15 14 02.9	9 675
(5626)	1991 03 12.35035	11 54 02.35	+00 52 52.7	9 675	(5776)	1993 10 15.25087	00 51 41.27	+14 53 59.0	9 675
(5626)	1991 03 12.38264	11 54 00.10	+00 53 08.4	9 675	(5782)	1993 10 13.29027	00 39 45.14	+13 01 15.1	9 675
(5648)	1950 06 15.27986	16 15 53.98	-20 23 11.2	6 675	(5782)	1993 10 13.32934	00 39 42.98	+13 00 56.1	9 675
(5648)	1950 06 15.30590	16 15 53.17	-20 23 15.1	6 675	(5817)	1994 01 13.45503	09 12 52.84	+49 13 51.4	14.5 2 675
(5655)	1992 04 05.23542	10 07 33.71	+01 44 32.2	9 675	(5817)	1994 01 13.47934	09 12 49.86	+49 13 37.8	2 675
(5655)	1992 04 05.27031	10 07 33.42	+01 44 51.7	9 675	(5817)	1994 01 16.52274	09 06 36.98	+48 49 03.2	2 675
(5675)	1992 04 05.23542	10 14 47.26	+03 08 05.3	9 675	(5817)	1994 01 16.55174	09 06 33.10	+48 48 46.9	2 675
(5675)	1992 04 05.27031	10 14 46.49	+03 08 16.7	9 675	(5818)	1994 01 12.21840	04 44 29.95	+11 46 04.5	16.0 2 675
(5703)	1993 10 14.28125	01 36 25.85	+02 37 51.5	9 675	(5818)	1994 01 12.24045	04 44 29.48	+11 46 19.1	2 675
(5703)	1993 10 14.31736	01 36 23.30	+02 37 57.1	9 675	(5818)	1994 01 16.21875	04 43 45.05	+12 32 27.1	2 675
(5703)	1993 10 15.27257	01 35 18.61	+02 40 28.3	9 675	(5818)	1994 01 16.25034	04 43 44.74	+12 32 47.3	2 675
(5712)	1991 03 13.21111	10 26 10.56	+00 34 54.3	9 675	(5821)	1991 03 09.28889	11 43 21.27	+04 40 47.9	9 675
(5712)	1991 03 13.24219	10 26 09.40	+00 35 06.9	9 675					
(5716)	1993 10 10.30035	01 21 59.80	+12 51 54.0	9 675					
(5716)	1993 10 10.33767	01 21 57.81	+12 51 42.9	9 675					
(5716)	1993 10 13.29722	01 19 27.34	+12 34 17.5	9 675					
(5716)	1993 10 13.33628	01 19 25.20	+12 34 03.1	9 675					
(5717)	1993 10 10.30035	01 22 59.60	+10 44 35.3	9 675					
(5717)	1993 10 10.33767	01 22 57.35	+10 44 26.4	9 675					

688 Lowell Observatory, Anderson Mesa Station

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001,
U.S.A.

Observer B. A. Skiff

Measurer B. A. Skiff

0.33-m astrograph

(898)	1982 11 15.31042	04 54 29.67	+21 07 39.6	V 688	1981 SJ	1994 01 14.34638	07 59 52.92	+21 21 30.7	691
(1878)	1982 11 15.31042	04 43 40.26	+20 01 23.9	c 688	1981 SJ	1994 01 14.36517	07 59 51.62	+21 21 33.9	691
(4306)	1982 11 15.31042	04 41 08.93	+19 35 22.0	688	1981 SJ	1994 01 17.30648	07 56 36.36	+21 29 29.1	18.3 V 691
(4306)	1982 11 15.34097	04 41 07.07	+19 35 18.2	R 688	1981 SJ	1994 01 17.32997	07 56 34.80	+21 29 32.4	691
(4343)	1982 11 15.31042	04 41 01.91	+18 05 00.6	688	1981 SJ	1994 01 17.35320	07 56 33.26	+21 29 35.5	691
(4343)	1982 11 15.34097	04 41 00.38	+18 04 52.3	688	1981 SM	1994 01 12.18028	08 06 13.45	+20 47 07.3	691
(5733)	1982 11 15.31042	04 47 47.76	+21 36 44.1	V 688	1981 SM	1994 01 12.20847	08 06 11.66	+20 47 10.6	15.8 V 691
(5733)	1982 11 15.34097	04 47 46.38	+21 36 42.9	688	1981 SM	1994 01 12.23675	08 06 09.75	+20 47 13.3	691
690 Lowell Observatory					1981 SE ₂	1994 01 05.18316	07 41 26.78	+21 44 42.5	17.3 V 691
E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A.					1981 SE ₂	1994 01 05.23542	07 41 23.34	+21 44 55.3	691
Observer C. W. Tombaugh					1981 SE ₂	1994 01 05.28139	07 41 20.21	+21 45 06.6	691
Measurer C. M. Olmstead					1983 AB	1994 01 11.37029	08 52 10.03	+20 56 31.9	691
0.3-m astrograph					1983 AB	1994 01 11.40641	08 52 08.33	+20 56 44.7	691
(261)	1929 11 27.20278	04 11 39.25	+17 39 11.6	690	1983 AB	1994 01 11.44273	08 52 06.51	+20 56 57.1	15.9 V 691
(261)	1929 12 03.18750	04 05 01.99	+17 31 19.2	690	1983 AB	1994 01 16.27585	08 48 05.53	+21 25 57.2	691
(774)	1929 11 27.20278	04 24 15.59	+22 19 48.2	690	1983 AB	1994 01 16.31180	08 48 03.52	+21 26 10.5	16.4 V 691
(774)	1929 12 03.18750	04 19 06.08	+22 00 43.7	690	1983 AB	1994 01 16.34644	08 48 01.54	+21 26 23.4	691
(979)	1929 11 27.20278	04 04 44.35	+17 59 44.0	E 690	1983 RC ₄	1994 01 16.48852	10 23 44.35	+08 51 22.5	691
(979)	1929 12 03.18750	03 59 50.22	+17 29 07.5	E 690	1983 RC ₄	1994 01 16.50415	10 23 43.83	+08 51 26.4	19.1 V 691
(1427)	1929 11 27.20278	04 16 00.79	+17 32 03.8	F 690	1983 RC ₄	1994 01 16.51942	10 23 43.39	+08 51 30.5	691
(1427)	1929 12 03.18750	04 09 56.25	+17 35 44.7	690	1985 UQ	1994 01 17.41301	08 45 05.21	+22 11 26.3	691
(2361)	1929 11 27.20278	04 14 07.13	+22 07 26.8	F 690	1985 UQ	1994 01 17.44757	08 45 02.95	+22 11 37.3	18.0 V 691
(2361)	1929 12 03.18750	04 08 44.77	+21 56 42.4	F 690	1986 CV ₁	1994 01 17.44757	08 45 02.95	+22 11 37.3	18.0 V 691
(3418)	1929 12 03.18750	04 14 42.17	+20 20 02.4	F 690	1986 CV ₁	1994 01 04.35235	07 46 14.91	+23 15 19.7	16.5 V 691
(4541)	1929 11 27.20278	04 41 39.50	+22 34 20.2	690	1986 CV ₁	1994 01 04.40169	07 46 11.50	+23 15 13.5	691
(4541)	1929 12 03.18750	04 34 51.90	+22 35 47.0	F 690	1986 CV ₁	1994 01 04.44405	07 46 08.61	+23 15 08.1	691
691 Kitt Peak, Steward Observatory					1986 RX ₂	1994 01 18.45149	09 41 13.80	+14 57 01.8	18.3 V 691
T. Gehrels, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A.					1986 RX ₂	1994 01 18.47212	09 41 12.95	+14 57 05.6	691
Observers T. Gehrels, R. Jedicke, J. V. Scotti					1986 RX ₂	1994 01 18.49271	09 41 12.10	+14 57 09.5	691
0.91-m Spacewatch telescope					1986 RD ₅	1994 01 17.37192	08 42 28.01	+21 57 23.4	17.5 V 691
GSC					1986 RD ₅	1994 01 17.41117	08 42 25.91	+21 57 29.9	691
1979 MF	1994 01 07.08935	01 07 17.70	+01 17 23.8	691	1986 RD ₅	1994 01 17.44573	08 42 24.02	+21 57 34.7	691
1979 MF	1994 01 07.09759	01 07 18.05	+01 17 26.5	19.4 V 691	1986 TR ₃	1994 01 05.20624	08 02 39.81	+21 22 06.3	18.4 V 691
1979 MF	1994 01 07.10545	01 07 18.41	+01 17 29.3	691	1986 TR ₃	1994 01 05.25197	08 02 37.47	+21 22 13.9	691
1981 EA ₁₂	1994 01 13.33806	07 31 14.46	+17 50 08.3	691	1986 TR ₃	1994 01 05.29830	08 02 35.34	+21 22 19.5	691
1981 EA ₁₂	1994 01 13.36685	07 31 12.45	+17 50 11.4	17.7 V 691	1986 TR ₃	1994 01 18.20392	07 51 55.74	+21 51 45.7	18.5 V 691
1981 EA ₁₂	1994 01 13.39581	07 31 10.37	+17 50 14.9	691	1986 TR ₃	1994 01 18.22728	07 51 54.52	+21 51 48.9	691
1981 EM ₃₀	1994 01 10.31040	08 52 30.12	+16 34 35.9	17.7 V 691	1986 TR ₃	1994 01 18.25090	07 51 53.36	+21 51 52.2	691
1981 EM ₃₀	1994 01 10.34367	08 52 28.40	+16 34 43.8	691	1987 HK	1994 01 04.23914	07 35 10.42	+22 18 45.3	691
1981 EM ₃₀	1994 01 10.37684	08 52 26.66	+16 34 51.6	691	1987 HK	1994 01 04.28343	07 35 07.61	+22 18 51.1	17.4 V 691
1981 EM ₄₅	1994 01 11.39426	09 26 45.92	+21 20 02.6	691	1987 HK	1994 01 04.32387	07 35 05.09	+22 18 56.0	691
1981 EM ₄₅	1994 01 11.46670	09 26 42.42	+21 20 10.6	19.9 V 691	1988 RE ₁₀	1994 01 14.27729	07 51 51.07	+17 40 48.4	691
1981 EM ₄₅	1994 01 16.29987	09 22 46.04	+21 29 21.6	20.2 V 691	1988 RE ₁₀	1994 01 14.29704	07 51 49.76	+17 40 52.6	18.9 V 691
1981 EM ₄₅	1994 01 16.33583	09 22 44.17	+21 29 25.6	691	1988 RE ₁₀	1994 01 14.31677	07 51 48.50	+17 40 56.5	691
1981 EM ₄₅	1994 01 16.37047	09 22 42.26	+21 29 29.8	691	1988 RN ₁₁	1994 01 16.38264	08 16 41.75	+18 21 56.4	691
1981 QE	1994 01 10.49764	09 08 19.92	+14 41 12.1	17.7 V 691	1988 RN ₁₁	1994 01 16.41700	08 16 40.56	+18 21 59.8	18.3 V 691
1981 QE	1994 01 10.51169	09 08 19.18	+14 41 14.9	691	1988 RN ₁₁	1994 01 16.45096	08 16 39.44	+18 22 03.7	691
1981 QE	1994 01 10.52572	09 08 18.45	+14 41 17.9	691	1988 SK ₂	1994 01 12.44964	09 43 17.73	+12 58 07.0	19.2 V 691
1981 SJ	1994 01 14.32633	07 59 54.27	+21 21 27.6	18.8 V 691	1988 SK ₂	1994 01 12.48200	09 43 16.96	+12 58 10.2	691
					1988 SK ₂	1994 01 12.51437	09 43 16.27	+12 58 13.6	691
					1988 TQ	1994 01 05.37392	08 14 50.80	+21 00 23.0	691
					1988 TQ	1994 01 05.42032	08 14 48.21	+21 00 34.5	691
					1988 TQ	1994 01 05.51277	08 14 42.89	+21 00 57.7	18.0 V 691

1988 TQ	1994 01 06.35305	08 13 56.26	+21 04 32.0	18.1 V	691	1991 HO	1994 01 09.15494	03 55 23.57	+17 52 32.0	17.0 V	691
1988 TQ	1994 01 06.37588	08 13 54.79	+21 04 37.6		691	1991 HO	1994 01 09.18841	03 55 22.65	+17 52 38.0		691
1988 TQ	1994 01 06.39879	08 13 53.47	+21 04 43.6		691	1991 JH ₁	1994 01 10.29572	08 31 18.05	+16 44 43.5		691
1988 TQ	1994 01 14.33063	08 06 06.68	+21 38 18.5		691	1991 JH ₁	1994 01 10.32898	08 31 16.07	+16 44 50.3	16.6 V	691
1988 TQ	1994 01 14.35068	08 06 05.40	+21 38 23.4	18.0 V	691	1991 JH ₁	1994 01 10.36215	08 31 14.07	+16 44 58.4		691
1988 TQ	1994 01 14.36947	08 06 04.26	+21 38 28.1		691	1991 PO ₂	1994 01 10.41070	09 36 53.34	+16 47 02.3		691
1988 TQ	1994 01 18.21103	08 02 10.97	+21 54 12.0	17.4 V	691	1991 PO ₂	1994 01 10.44646	09 36 52.11	+16 47 09.8	17.5 V	691
1988 TQ	1994 01 18.23438	08 02 09.54	+21 54 17.5		691	1991 PS ₆	1994 01 11.19334	08 14 22.24	+20 44 41.1	16.8 V	691
1988 TQ	1994 01 18.25799	08 02 08.00	+21 54 23.1		691	1991 PS ₆	1994 01 11.22707	08 14 20.45	+20 44 49.4		691
1988 VR ₂	1994 01 12.08181	03 46 16.67	+16 46 42.3		691	1991 PS ₆	1994 01 11.26110	08 14 18.66	+20 44 57.1		691
1988 VR ₂	1994 01 12.10752	03 46 16.64	+16 46 57.2	16.5 V	691	1991 PR ₁₂	1994 01 16.39853	08 39 37.24	+17 52 48.0		691
1988 VR ₂	1994 01 12.13336	03 46 16.88	+16 47 11.7		691	1991 PR ₁₂	1994 01 16.43287	08 39 35.64	+17 52 53.5	18.0 V	691
1988 VR ₂	1994 01 18.11250	03 47 41.41	+17 43 59.9	17.1 V	691	1991 PR ₁₂	1994 01 16.46684	08 39 34.01	+17 52 59.1		691
1988 VR ₂	1994 01 18.14610	03 47 42.10	+17 44 19.0		691	1992 NM	1994 01 18.29046	08 12 17.05	+20 09 16.9	16.3 V	691
1988 VR ₂	1994 01 18.17967	03 47 42.69	+17 44 38.1		691	1992 NM	1994 01 18.31752	08 12 15.17	+20 09 26.0		691
1988 XU ₁	1994 01 18.11318	03 48 40.07	+17 22 24.7	17.0 V	691	1992 OV ₆	1994 01 18.10072	03 30 41.00	+17 26 35.8		691
1988 XU ₁	1994 01 18.14677	03 48 39.97	+17 22 30.8		691	1992 OV ₆	1994 01 18.13432	03 30 41.34	+17 26 38.0	18.3 V	691
1988 XU ₁	1994 01 18.18033	03 48 39.77	+17 22 37.1		691	1992 OV ₆	1994 01 18.16789	03 30 41.71	+17 26 39.8		691
1989 NK ₁	1994 01 09.22288	07 54 04.21	+18 39 30.2	14.8 V	691	1992 UT ₅	1994 01 12.47019	09 26 14.65	+12 47 37.2	16.6 V	691
1989 NK ₁	1994 01 09.25613	07 54 01.82	+18 39 49.2		691	1992 UT ₅	1994 01 12.50256	09 26 13.38	+12 47 42.1		691
1989 NK ₁	1994 01 09.29046	07 53 59.33	+18 40 09.0		691	1993 KP ₂	* 1993 05 25.17767	12 56 14.31	+02 57 52.5	18.1 V	691
1989 NK ₁	1994 01 18.27050	07 43 27.90	+20 03 53.6	14.2 V	691	1993 KP ₂	1993 05 25.23530	12 56 13.35	+02 57 43.9		691
1989 NK ₁	1994 01 18.29756	07 43 25.97	+20 04 07.5		691	1993 KP ₂	1993 05 25.27511	12 56 12.68	+02 57 38.6		691
1989 NK ₁	1994 01 18.32445	07 43 24.00	+20 04 22.3		691	1993 TW ₁₇	1993 09 19.37210	01 27 04.18	+09 34 57.0		691
1989 RG	1994 01 19.31532	08 09 32.95	+21 56 46.4	15.8 V	691	1993 TW ₁₇	1993 09 19.40548	01 27 03.43	+09 34 36.3		691
1989 RG	1994 01 19.34664	08 09 30.60	+21 56 47.9		691	1993 TW ₁₇	1993 09 19.43857	01 27 02.69	+09 34 15.1	18.3 V	691
1989 RG	1994 01 19.37779	08 09 28.25	+21 56 49.5		691	1993 TW ₂₂	1993 09 19.37953	01 37 48.31	+09 26 16.3		691
1989 SB ₃	1994 01 10.50393	09 17 24.78	+14 54 45.8	17.6 V	691	1993 TW ₂₂	1993 09 19.41291	01 37 47.62	+09 25 53.0	19.4 V	691
1989 SB ₃	1994 01 10.51798	09 17 24.08	+14 54 50.4		691	1993 TW ₂₂	1993 09 19.44601	01 37 46.91	+09 25 30.1		691
1989 SB ₃	1994 01 10.53201	09 17 23.34	+14 54 54.6		691	1993 TY ₂₄	1993 09 19.38570	01 46 42.42	+09 38 18.8	19.2 V	691
1989 TU ₅	1994 01 12.31392	09 06 22.33	+17 30 23.8	18.2 V	691	1993 TY ₂₄	1993 09 19.41908	01 46 41.54	+09 38 08.7		691
1989 TU ₅	1994 01 12.34709	09 06 21.46	+17 30 28.7		691	1993 TY ₂₄	1993 09 19.45217	01 46 40.66	+09 37 58.7		691
1989 TU ₅	1994 01 12.38026	09 06 20.50	+17 30 32.8		691	1993 TK ₂₅	1993 09 19.38655	01 47 56.14	+09 31 27.5	19.6 V	691
1989 VN ₅	1993 08 18.45119	04 54 50.76	+24 07 33.0		691	1993 TK ₂₅	1993 09 19.41993	01 47 55.14	+09 31 18.5		691
1989 VN ₅	1993 08 18.46286	04 54 52.24	+24 07 35.7	19.6 V	691	1993 TK ₂₅	1993 09 19.45302	01 47 54.07	+09 31 09.4		691
1989 VN ₅	1993 08 18.47451	04 54 53.63	+24 07 38.2		691	1993 TT ₂₆	1993 09 19.38998	01 52 53.05	+09 36 04.1	18.5 V	691
1989 XO	1994 01 11.28537	08 59 14.39	+13 52 40.8		691	1993 TT ₂₆	1993 09 19.42335	01 52 51.91	+09 35 54.5		691
1989 XO	1994 01 11.31864	08 59 12.58	+13 52 40.5	15.3 V	691	1993 TT ₂₆	1993 09 19.45644	01 52 50.76	+09 35 44.8		691
1989 XO	1994 01 11.35121	08 59 10.73	+13 52 40.0		691	1993 VX ₃	1993 12 17.11005	03 57 32.88	+18 28 19.0	16.1 V	691
1989 YA ₂	1994 01 10.28820	08 20 27.39	+16 31 53.4	16.3 V	691	1993 VX ₃	1993 12 17.14450	03 57 31.27	+18 28 09.2		691
1989 YA ₂	1994 01 10.32147	08 20 25.42	+16 31 51.7		691	1993 VX ₃	1993 12 17.17938	03 57 29.63	+18 27 59.0		691
1989 YA ₂	1994 01 10.35464	08 20 23.46	+16 31 50.0		691	1993 VX ₃	1994 01 12.08482	03 50 37.18	+17 13 34.9		691
1990 BZ	1994 01 19.23537	08 15 56.37	+24 23 56.5		691	1993 VX ₃	1994 01 12.11053	03 50 37.53	+17 13 34.3	16.7 V	691
1990 BZ	1994 01 19.26537	08 15 54.15	+24 23 50.4		691	1993 VX ₃	1994 01 12.13637	03 50 37.68	+17 13 33.0		691
1990 BZ	1994 01 19.29504	08 15 51.92	+24 23 45.5	16.1 V	691	1994 AY	1994 01 13.35518	07 56 04.53	+18 14 23.5		691
1991 CW	1994 01 08.09443	03 43 08.64	+14 28 50.4	16.8 V	691	1994 AY	1994 01 13.38396	07 56 02.59	+18 14 27.6	17.0 V	691
1991 CW	1994 01 08.12707	03 43 08.97	+14 29 01.9		691	1994 AY	1994 01 13.41291	07 56 00.59	+18 14 31.7		691
1991 CW	1994 01 08.16034	03 43 09.23	+14 29 13.8		691	1994 AB ₂	1994 01 08.23865	08 07 53.66	+19 08 34.0	17.0 V	691
1991 FL	1994 01 04.15613	04 20 06.62	+21 29 24.1		691	1994 AB ₂	1994 01 08.27232	08 07 51.95	+19 08 38.9		691
1991 FL	1994 01 04.17511	04 20 05.97	+21 29 23.1	17.1 V	691	1994 AB ₂	1994 01 08.30651	08 07 50.11	+19 08 43.9		691
1991 FL	1994 01 04.19297	04 20 05.24	+21 29 20.1		691	1994 AB ₂	1994 01 13.25338	08 03 28.39	+19 20 54.3		691
1991 HO	1994 01 09.12120	03 55 24.46	+17 52 25.6		691	1994 AB ₂	1994 01 13.28807	08 03 26.45	+19 20 59.8	16.7 V	691

1994 AB ₂	1994 01 13.32268	08 03 24.53	+19 21 04.1	691	1994 AD ₄	1994 01 04.46523	08 17 12.41	+23 05 58.1	691
1994 AD ₂	1994 01 13.23105	07 30 59.64	+19 15 49.9	691	1994 AD ₄	1994 01 16.24618	08 08 14.28	+23 15 01.0	17.5 V 691
1994 AD ₂	1994 01 13.26576	07 30 56.95	+19 15 35.2	17.3 V 691	1994 AD ₄	1994 01 16.25506	08 08 13.86	+23 15 01.2	691
1994 AD ₂	1994 01 13.30037	07 30 54.18	+19 15 21.0	691	1994 AD ₄	1994 01 16.26408	08 08 13.38	+23 15 02.1	691
1994 AF ₂	1994 01 21.28077	08 20 42.32	+25 11 07.9	16.7 V 691	1994 AE ₄	* 1994 01 04.37365	08 17 59.06	+22 51 43.3	691
1994 AF ₂	1994 01 21.31698	08 20 40.37	+25 11 23.1	691	1994 AE ₄	1994 01 04.42254	08 17 56.86	+22 52 01.0	18.8 V 691
1994 AF ₂	1994 01 21.35230	08 20 38.62	+25 11 36.9	691	1994 AE ₄	1994 01 04.46572	08 17 54.82	+22 52 16.5	691
1994 AS ₂	1994 01 19.32621	08 25 16.09	+21 55 12.6	17.2 V 691	1994 AE ₄	1994 01 19.22820	08 05 35.31	+24 19 50.2	18.4 V 691
1994 AS ₂	1994 01 19.35753	08 25 13.99	+21 55 18.5	691	1994 AE ₄	1994 01 19.25821	08 05 33.75	+24 20 00.7	691
1994 AS ₂	1994 01 19.38869	08 25 11.81	+21 55 24.6	691	1994 AE ₄	1994 01 19.28789	08 05 32.06	+24 20 10.9	691
1994 AX ₂	1994 01 13.25671	08 08 16.46	+19 39 15.8	691	1994 AF ₄	* 1994 01 04.37422	08 18 48.38	+23 04 55.2	691
1994 AX ₂	1994 01 13.29140	08 08 14.46	+19 39 14.6	16.6 V 691	1994 AF ₄	1994 01 04.42310	08 18 45.28	+23 05 10.9	18.4 V 691
1994 AX ₂	1994 01 13.32600	08 08 12.41	+19 39 13.0	691	1994 AF ₄	1994 01 04.46627	08 18 42.48	+23 05 24.5	691
1994 AX ₂	1994 01 18.35713	08 03 21.00	+19 35 30.9	16.0 V 691	1994 AF ₄	1994 01 19.22577	08 02 05.01	+24 20 54.8	18.2 V 691
1994 AX ₂	1994 01 18.38756	08 03 19.20	+19 35 28.0	691	1994 AF ₄	1994 01 19.25578	08 02 02.96	+24 21 03.2	691
1994 AX ₂	1994 01 18.41873	08 03 17.29	+19 35 26.5	691	1994 AF ₄	1994 01 19.28545	08 02 00.72	+24 21 11.2	691
1994 AY ₂	1994 01 08.24508	08 17 10.75	+19 17 25.4	691	1994 AG ₄	* 1994 01 04.37550	08 20 39.61	+23 04 49.2	691
1994 AY ₂	1994 01 08.27875	08 17 08.76	+19 17 25.3	16.7 V 691	1994 AG ₄	1994 01 04.42438	08 20 35.75	+23 04 28.6	19.1 V 691
1994 AY ₂	1994 01 08.31294	08 17 06.87	+19 17 25.5	691	1994 AG ₄	1994 01 04.46754	08 20 32.32	+23 04 10.4	691
1994 AY ₂	1994 01 13.25952	08 12 20.15	+19 17 22.6	16.6 V 691	1994 AG ₄	1994 01 14.33928	08 07 16.74	+21 51 58.3	691
1994 AY ₂	1994 01 13.29421	08 12 18.03	+19 17 22.6	691	1994 AG ₄	1994 01 14.35815	08 07 15.13	+21 51 48.3	19.7 V 691
1994 AY ₂	1994 01 13.32881	08 12 15.91	+19 17 22.7	691	1994 AG ₄	1994 01 14.37659	08 07 13.56	+21 51 39.4	691
1994 AY ₂	1994 01 18.35978	08 07 10.71	+19 17 31.7	16.1 V 691	1994 AH ₄	* 1994 01 04.37640	08 21 57.59	+23 12 44.8	19.2 V 691
1994 AY ₂	1994 01 18.39021	08 07 08.78	+19 17 31.6	691	1994 AH ₄	1994 01 04.42529	08 21 55.05	+23 12 59.9	691
1994 AY ₂	1994 01 18.42138	08 07 06.77	+19 17 31.5	691	1994 AH ₄	1994 01 19.23013	08 08 22.91	+24 28 08.5	691
1994 AA ₄	* 1994 01 04.36524	08 05 51.14	+22 55 43.0	16.5 V 691	1994 AH ₄	1994 01 19.26014	08 08 21.23	+24 28 17.2	691
1994 AA ₄	1994 01 04.41414	08 05 48.76	+22 56 04.8	691	1994 AH ₄	1994 01 19.28982	08 08 19.42	+24 28 25.8	19.2 V 691
1994 AA ₄	1994 01 04.45731	08 05 46.57	+22 56 23.7	691	1994 AJ ₄	* 1994 01 04.37815	08 24 29.12	+22 49 48.8	691
1994 AA ₄	1994 01 19.21921	07 52 36.84	+24 45 14.3	16.5 V 691	1994 AJ ₄	1994 01 04.42704	08 24 26.78	+22 50 06.1	19.9 V 691
1994 AA ₄	1994 01 19.24921	07 52 34.86	+24 45 26.6	691	1994 AJ ₄	1994 01 04.47022	08 24 24.80	+22 50 21.6	691
1994 AA ₄	1994 01 19.27889	07 52 33.25	+24 45 38.8	691	1994 AJ ₄	1994 01 19.23256	08 11 53.38	+24 18 14.9	19.2 V 691
1994 AA ₄	1994 01 21.26036	07 50 42.34	+24 59 03.0	16.7 V 691	1994 AJ ₄	1994 01 19.26257	08 11 51.65	+24 18 25.0	691
1994 AA ₄	1994 01 21.33191	07 50 38.05	+24 59 31.6	691	1994 AJ ₄	1994 01 19.29225	08 11 49.99	+24 18 35.4	691
1994 AA ₄	1994 01 21.38904	07 50 34.73	+24 59 53.5	16.9 V 691	1994 AK ₄	* 1994 01 05.18478	07 43 47.67	+21 36 18.9	691
1994 AA ₄	1994 01 21.39774	07 50 34.22	+24 59 56.7	691	1994 AK ₄	1994 01 05.23705	07 43 44.23	+21 36 05.4	19.0 V 691
1994 AA ₄	1994 01 21.40657	07 50 33.69	+25 00 00.2	691	1994 AK ₄	1994 01 05.28302	07 43 41.42	+21 35 53.1	691
1994 AB ₄	* 1994 01 04.36954	08 12 03.81	+23 03 13.1	18.4 V 691	1994 AK ₄	1994 01 11.16771	07 37 22.64	+21 09 19.5	691
1994 AB ₄	1994 01 04.41843	08 12 00.68	+23 03 30.4	691	1994 AK ₄	1994 01 11.20144	07 37 20.45	+21 09 10.0	691
1994 AB ₄	1994 01 04.46160	08 11 58.07	+23 03 45.7	691	1994 AK ₄	1994 01 11.23547	07 37 18.18	+21 09 00.8	19.1 V 691
1994 AB ₄	1994 01 21.26189	07 53 26.74	+24 49 17.2	19.7 V 691	1994 AL ₄	* 1994 01 05.19085	07 52 33.41	+21 36 11.2	691
1994 AB ₄	1994 01 21.29808	07 53 24.10	+24 49 31.0	691	1994 AL ₄	1994 01 05.24313	07 52 30.70	+21 36 10.6	691
1994 AB ₄	1994 01 21.33340	07 53 21.53	+24 49 43.7	691	1994 AL ₄	1994 01 05.28910	07 52 28.21	+21 36 09.9	20.0 V 691
1994 AB ₄	1994 01 21.39092	07 53 17.36	+24 50 04.9	691	1994 AL ₄	1994 01 17.29609	07 41 33.64	+21 30 58.0	691
1994 AB ₄	1994 01 21.39962	07 53 16.73	+24 50 08.2	19.6 V 691	1994 AL ₄	1994 01 17.31959	07 41 32.27	+21 30 57.2	20.1 V 691
1994 AB ₄	1994 01 21.40844	07 53 16.06	+24 50 11.4	691	1994 AL ₄	1994 01 17.34284	07 41 30.96	+21 30 56.4	691
1994 AC ₄	* 1994 01 04.37257	08 16 25.55	+23 14 10.3	19.2 V 691	1994 AM ₄	* 1994 01 05.19090	07 52 37.60	+21 31 44.6	691
1994 AC ₄	1994 01 04.42145	08 16 22.56	+23 14 25.7	691	1994 AM ₄	1994 01 05.24318	07 52 34.86	+21 31 51.5	20.6 V 691
1994 AC ₄	1994 01 04.46462	08 16 19.89	+23 14 40.2	691	1994 AM ₄	1994 01 05.28915	07 52 32.33	+21 31 58.7	691
1994 AC ₄	1994 01 19.22447	08 00 12.89	+24 33 42.8	19.6 V 691	1994 AM ₄	1994 01 18.19650	07 40 45.29	+21 54 04.8	20.1 V 691
1994 AC ₄	1994 01 19.25448	08 00 10.90	+24 33 52.3	691	1994 AM ₄	1994 01 18.21986	07 40 43.99	+21 54 07.9	691
1994 AD ₄	* 1994 01 04.37315	08 17 16.39	+23 05 54.2	17.6 V 691	1994 AM ₄	1994 01 18.24349	07 40 42.65	+21 54 10.1	691
1994 AD ₄	1994 01 04.42205	08 17 14.14	+23 05 56.9	691	1994 AN ₄	* 1994 01 05.19509	07 58 40.39	+21 45 03.0	691

1994 AN ₄	1994 01 05.24736	07 58 36.98	+21 44 59.9	16.9 V	691	1994 AV ₄	1994 01 16.24076	07 59 45.54	+22 58 22.1		691
1994 AN ₄	1994 01 05.29332	07 58 34.11	+21 44 57.4		691	1994 AV ₄	1994 01 16.24964	07 59 44.98	+22 58 26.7	18.7 V	691
1994 AN ₄	1994 01 17.29853	07 45 07.81	+21 31 11.9	17.1 V	691	1994 AV ₄	1994 01 16.25866	07 59 44.42	+22 58 31.1		691
1994 AN ₄	1994 01 17.32202	07 45 06.11	+21 31 10.0		691	1994 AW ₄	* 1994 01 05.21199	08 10 57.66	+21 34 29.3	19.1 V	691
1994 AN ₄	1994 01 17.34525	07 45 04.43	+21 31 08.2		691	1994 AW ₄	1994 01 05.25772	08 10 55.50	+21 34 40.0		691
1994 AO ₄	* 1994 01 05.19567	07 59 30.81	+21 31 41.3	19.4 V	691	1994 AW ₄	1994 01 05.30405	08 10 53.45	+21 34 50.9		691
1994 AO ₄	1994 01 05.24794	07 59 27.33	+21 31 42.6		691	1994 AW ₄	1994 01 14.33683	08 03 44.96	+22 08 52.3	19.6 V	691
1994 AO ₄	1994 01 17.29894	07 45 44.01	+21 33 38.9	19.1 V	691	1994 AW ₄	1994 01 14.35571	08 03 43.96	+22 08 55.8		691
1994 AO ₄	1994 01 17.32243	07 45 42.31	+21 33 39.0		691	1994 AW ₄	1994 01 14.37416	08 03 43.07	+22 09 00.3		691
1994 AO ₄	1994 01 17.34566	07 45 40.57	+21 33 38.7		691	1994 AX ₄	* 1994 01 05.21210	08 11 06.62	+21 32 41.3		691
1994 AP ₄	* 1994 01 05.20527	08 00 52.71	+21 21 38.9	19.5 V	691	1994 AX ₄	1994 01 05.25782	08 11 04.31	+21 32 50.1	19.2 V	691
1994 AP ₄	1994 01 05.25100	08 00 49.83	+21 21 41.2		691	1994 AX ₄	1994 01 05.30415	08 11 02.10	+21 32 59.1		691
1994 AP ₄	1994 01 05.29735	08 00 46.85	+21 21 44.0		691	1994 AX ₄	1994 01 14.33666	08 03 25.09	+22 01 20.4		691
1994 AP ₄	1994 01 17.30034	07 47 44.83	+21 30 07.2		691	1994 AX ₄	1994 01 14.35555	08 03 24.08	+22 01 23.9	19.8 V	691
1994 AP ₄	1994 01 17.32383	07 47 43.18	+21 30 07.8	18.7 V	691	1994 AX ₄	1994 01 18.20954	08 00 02.40	+22 13 04.3		691
1994 AP ₄	1994 01 17.34706	07 47 41.54	+21 30 08.6		691	1994 AX ₄	1994 01 18.23290	08 00 01.15	+22 13 08.8	19.2 V	691
1994 AQ ₄	* 1994 01 05.20709	08 03 53.36	+21 27 52.5	19.7 V	691	1994 AX ₄	1994 01 18.25651	07 59 59.89	+22 13 12.5		691
1994 AQ ₄	1994 01 05.25281	08 03 50.53	+21 28 02.0		691	1994 AY ₄	* 1994 01 05.21301	08 12 25.68	+21 18 31.1	21.0 V	691
1994 AQ ₄	1994 01 05.29913	08 03 47.62	+21 28 11.1		691	1994 AY ₄	1994 01 05.25873	08 12 23.43	+21 18 38.9		691
1994 AQ ₄	1994 01 18.20252	07 49 53.96	+22 09 32.9		691	1994 AY ₄	1994 01 05.30506	08 12 20.84	+21 18 46.2		691
1994 AQ ₄	1994 01 18.22587	07 49 52.34	+22 09 37.3		691	1994 AY ₄	1994 01 18.20987	08 00 30.64	+21 50 18.9		691
1994 AQ ₄	1994 01 18.24948	07 49 50.79	+22 09 41.5	19.7 V	691	1994 AY ₄	1994 01 18.23322	08 00 29.24	+21 50 22.2	20.1 V	691
1994 AR ₄	* 1994 01 05.20810	08 05 20.92	+21 24 08.3	19.7 V	691	1994 AY ₄	1994 01 18.25684	08 00 27.88	+21 50 25.8		691
1994 AR ₄	1994 01 05.25383	08 05 18.44	+21 24 14.7		691	1994 AZ ₄	* 1994 01 05.21320	08 12 41.84	+21 23 48.2	18.0 V	691
1994 AR ₄	1994 01 05.30015	08 05 15.96	+21 24 21.2		691	1994 AZ ₄	1994 01 05.25892	08 12 39.54	+21 23 57.8		691
1994 AR ₄	1994 01 18.20492	07 53 22.41	+21 53 48.4		691	1994 AZ ₄	1994 01 05.30525	08 12 37.27	+21 24 09.3		691
1994 AR ₄	1994 01 18.22828	07 53 21.00	+21 53 51.6	19.5 V	691	1994 AZ ₄	1994 01 14.33753	08 04 45.73	+21 57 40.0		691
1994 AR ₄	1994 01 18.25189	07 53 19.67	+21 53 54.9		691	1994 AZ ₄	1994 01 14.35642	08 04 44.65	+21 57 44.1	18.3 V	691
1994 AS ₄	* 1994 01 05.20827	08 05 34.95	+21 17 48.0	19.5 V	691	1994 AZ ₄	1994 01 14.37486	08 04 43.58	+21 57 48.3		691
1994 AS ₄	1994 01 05.25399	08 05 32.56	+21 17 54.8		691	1994 AZ ₄	1994 01 18.21034	08 01 11.27	+22 11 52.1	18.0 V	691
1994 AS ₄	1994 01 05.30032	08 05 30.16	+21 18 01.7		691	1994 AZ ₄	1994 01 18.23369	08 01 09.90	+22 11 56.2		691
1994 AS ₄	1994 01 18.20548	07 54 10.53	+21 47 40.1	19.6 V	691	1994 AZ ₄	1994 01 18.25731	08 01 08.54	+22 12 01.7		691
1994 AS ₄	1994 01 18.22883	07 54 09.22	+21 47 43.3		691	1994 AA ₅	* 1994 01 05.21344	08 13 03.27	+21 32 43.4	20.0 V	691
1994 AS ₄	1994 01 18.25245	07 54 07.97	+21 47 46.4		691	1994 AA ₅	1994 01 05.25916	08 13 00.78	+21 32 44.3		691
1994 AT ₄	* 1994 01 05.20923	08 06 58.33	+21 21 52.3	19.7 V	691	1994 AA ₅	1994 01 05.30549	08 12 58.07	+21 32 44.2		691
1994 AT ₄	1994 01 05.25495	08 06 55.64	+21 21 58.5		691	1994 AA ₅	1994 01 13.42261	08 05 02.24	+21 31 42.0		691
1994 AT ₄	1994 01 05.30127	08 06 52.92	+21 22 04.7		691	1994 AA ₅	1994 01 13.43169	08 05 01.64	+21 31 41.5		691
1994 AT ₄	1994 01 17.30521	07 54 46.70	+21 46 47.9	19.3 V	691	1994 AA ₅	1994 01 13.44151	08 05 01.03	+21 31 41.5	19.3 V	691
1994 AT ₄	1994 01 17.32870	07 54 45.21	+21 46 50.4		691	1994 AA ₅	1994 01 17.30955	08 01 02.68	+21 30 46.1		691
1994 AT ₄	1994 01 17.35193	07 54 43.66	+21 46 53.1		691	1994 AA ₅	1994 01 17.33304	08 01 01.15	+21 30 47.1		691
1994 AT ₄	1994 01 18.20524	07 53 50.21	+21 48 32.8	19.6 V	691	1994 AA ₅	1994 01 17.35628	08 00 59.77	+21 30 45.8	19.6 V	691
1994 AT ₄	1994 01 18.22860	07 53 48.66	+21 48 35.4		691	1994 AB ₅	* 1994 01 05.21396	08 13 48.44	+21 31 03.5		691
1994 AT ₄	1994 01 18.25221	07 53 47.21	+21 48 38.4		691	1994 AB ₅	1994 01 05.25969	08 13 46.07	+21 31 13.4	19.6 V	691
1994 AU ₄	* 1994 01 05.21045	08 08 44.47	+21 29 00.0		691	1994 AB ₅	1994 01 05.30601	08 13 43.44	+21 31 23.4		691
1994 AU ₄	1994 01 05.25617	08 08 41.33	+21 29 03.4	19.7 V	691	1994 AB ₅	1994 01 14.33776	08 05 05.12	+22 02 49.9		691
1994 AU ₄	1994 01 05.30249	08 08 38.37	+21 29 07.3		691	1994 AB ₅	1994 01 14.35664	08 05 03.92	+22 02 53.8		691
1994 AU ₄	1994 01 17.30518	07 54 44.05	+21 42 17.0	19.6 V	691	1994 AB ₅	1994 01 14.37508	08 05 02.77	+22 02 57.3	20.0 V	691
1994 AU ₄	1994 01 17.32867	07 54 42.29	+21 42 18.4		691	1994 AB ₅	1994 01 18.21031	08 01 08.53	+22 15 55.9		691
1994 AU ₄	1994 01 17.35190	07 54 40.52	+21 42 19.6		691	1994 AB ₅	1994 01 18.23366	08 01 07.00	+22 16 01.6		691
1994 AV ₄	* 1994 01 05.21141	08 10 07.21	+21 28 04.1	18.2 V	691	1994 AB ₅	1994 01 18.25727	08 01 05.52	+22 16 05.5	19.8 V	691
1994 AV ₄	1994 01 05.25713	08 10 04.67	+21 28 27.2		691	1994 AC ₅	* 1994 01 05.21440	08 14 26.05	+21 36 22.0		691
1994 AV ₄	1994 01 05.30346	08 10 02.26	+21 28 50.3		691	1994 AC ₅	1994 01 05.26011	08 14 22.98	+21 36 19.1		691

1994 AC ₅	1994 01 05.30643	08 14 19.82	+21 36 14.8	20.4 V	691	1994 AK ₅	* 1994 01 05.36837	08 06 49.57	+20 55 53.9		691
1994 AC ₅	1994 01 17.30894	08 00 09.59	+21 16 55.3		691	1994 AK ₅	1994 01 05.41476	08 06 47.26	+20 56 03.1	19.7 V	691
1994 AC ₅	1994 01 17.33243	08 00 07.79	+21 16 53.1		691	1994 AK ₅	1994 01 05.50722	08 06 42.72	+20 56 20.9		691
1994 AC ₅	1994 01 17.35566	08 00 06.10	+21 16 50.6	20.3 V	691	1994 AK ₅	1994 01 06.39333	08 06 00.41	+20 59 13.6		691
1994 AD ₅	* 1994 01 05.21509	08 15 25.57	+21 28 16.5		691	1994 AK ₅	1994 01 14.32600	07 59 17.93	+21 25 23.4		691
1994 AD ₅	1994 01 05.26081	08 15 23.42	+21 28 24.2	19.9 V	691	1994 AK ₅	1994 01 14.34606	07 59 16.88	+21 25 27.0	19.5 V	691
1994 AD ₅	1994 01 05.30714	08 15 21.08	+21 28 32.4		691	1994 AK ₅	1994 01 14.36487	07 59 15.83	+21 25 30.7		691
1994 AD ₅	1994 01 14.33952	08 07 38.33	+21 54 35.9	20.2 V	691	1994 AK ₅	1994 01 17.30652	07 56 40.25	+21 35 08.7	18.9 V	691
1994 AD ₅	1994 01 14.35841	08 07 37.28	+21 54 39.3		691	1994 AK ₅	1994 01 17.33002	07 56 38.97	+21 35 13.1		691
1994 AD ₅	1994 01 14.37685	08 07 36.28	+21 54 42.7		691	1994 AK ₅	1994 01 17.35325	07 56 37.61	+21 35 17.9		691
1994 AD ₅	1994 01 19.31090	08 03 10.59	+22 08 28.2	19.5 V	691	1994 AL ₅	* 1994 01 05.36857	08 07 07.50	+20 59 22.6		691
1994 AD ₅	1994 01 19.34223	08 03 08.85	+22 08 32.7		691	1994 AL ₅	1994 01 05.41497	08 07 05.23	+20 59 37.3	19.0 V	691
1994 AD ₅	1994 01 19.37339	08 03 07.10	+22 08 37.6		691	1994 AL ₅	1994 01 05.50743	08 07 00.75	+21 00 07.2		691
1994 AE ₅	* 1994 01 05.21515	08 15 31.32	+21 39 09.8	20.1 V	691	1994 AL ₅	1994 01 06.34779	08 06 20.73	+21 04 38.0		691
1994 AE ₅	1994 01 05.26087	08 15 28.44	+21 39 18.7		691	1994 AL ₅	1994 01 06.37063	08 06 19.55	+21 04 45.3	19.3 V	691
1994 AE ₅	1994 01 05.30719	08 15 25.36	+21 39 26.9		691	1994 AL ₅	1994 01 06.39354	08 06 18.42	+21 04 52.7		691
1994 AE ₅	1994 01 14.33792	08 05 19.09	+22 04 59.4	20.7 V	691	1994 AM ₅	* 1994 01 05.36866	08 07 14.62	+21 11 42.1	20.3 V	691
1994 AE ₅	1994 01 14.35680	08 05 17.71	+22 05 02.3		691	1994 AM ₅	1994 01 05.50750	08 07 06.60	+21 11 59.9		691
1994 AE ₅	1994 01 14.37523	08 05 16.43	+22 05 05.7		691	1994 AM ₅	1994 01 17.30560	07 55 20.44	+21 38 07.1	19.9 V	691
1994 AF ₅	* 1994 01 05.36547	08 02 38.56	+20 48 13.5	18.9 V	691	1994 AM ₅	1994 01 17.32909	07 55 19.01	+21 38 10.3		691
1994 AF ₅	1994 01 05.41186	08 02 35.57	+20 48 09.8		691	1994 AM ₅	1994 01 17.35232	07 55 17.52	+21 38 12.5		691
1994 AF ₅	1994 01 05.50430	08 02 29.87	+20 48 03.3		691	1994 AN ₅	* 1994 01 05.36947	08 08 24.98	+20 59 54.2	19.1 V	691
1994 AF ₅	1994 01 06.34453	08 01 38.83	+20 47 01.8		691	1994 AN ₅	1994 01 05.41586	08 08 22.30	+21 00 02.8		691
1994 AF ₅	1994 01 06.39027	08 01 35.91	+20 46 58.4		691	1994 AN ₅	1994 01 05.50831	08 08 17.22	+21 00 19.8		691
1994 AF ₅	1994 01 07.29706	08 00 39.79	+20 45 50.6		691	1994 AN ₅	1994 01 17.30658	07 56 45.46	+21 38 02.1		691
1994 AF ₅	1994 01 07.33962	08 00 37.03	+20 45 46.2		691	1994 AN ₅	1994 01 17.33007	07 56 43.99	+21 38 06.9		691
1994 AF ₅	1994 01 07.38203	08 00 34.44	+20 45 44.8	18.8 V	691	1994 AN ₅	1994 01 17.35330	07 56 42.44	+21 38 10.2	18.3 V	691
1994 AF ₅	1994 01 11.18098	07 56 31.54	+20 40 56.0		691	1994 AO ₅	* 1994 01 05.36966	08 08 41.91	+21 03 45.9		691
1994 AF ₅	1994 01 11.21471	07 56 29.45	+20 40 53.9		691	1994 AO ₅	1994 01 05.41605	08 08 39.04	+21 03 52.6		691
1994 AF ₅	1994 01 11.24873	07 56 27.10	+20 40 50.9	18.0 V	691	1994 AO ₅	1994 01 05.50850	08 08 33.58	+21 04 06.6	20.9 V	691
1994 AG ₅	* 1994 01 05.36617	08 03 39.62	+21 08 36.6		691	1994 AO ₅	1994 01 17.30623	07 56 15.05	+21 33 43.6	19.9 V	691
1994 AG ₅	1994 01 05.41257	08 03 37.26	+21 08 38.9	19.2 V	691	1994 AO ₅	1994 01 17.32972	07 56 13.53	+21 33 47.1		691
1994 AG ₅	1994 01 05.50503	08 03 32.60	+21 08 43.6		691	1994 AO ₅	1994 01 17.35295	07 56 11.92	+21 33 50.2		691
1994 AG ₅	1994 01 17.30428	07 53 26.50	+21 18 33.1	18.7 V	691	1994 AP ₅	* 1994 01 05.37051	08 09 54.87	+21 05 41.2		691
1994 AG ₅	1994 01 17.32778	07 53 25.22	+21 18 34.0		691	1994 AP ₅	1994 01 05.41691	08 09 52.74	+21 05 48.7		691
1994 AG ₅	1994 01 17.35101	07 53 23.97	+21 18 35.2		691	1994 AP ₅	1994 01 05.50936	08 09 48.09	+21 06 02.5	20.4 V	691
1994 AH ₅	* 1994 01 05.36734	08 05 20.18	+20 54 10.4		691	1994 AP ₅	1994 01 14.32809	08 02 27.38	+21 29 00.5		691
1994 AH ₅	1994 01 05.41373	08 05 17.77	+20 54 15.6		691	1994 AP ₅	1994 01 14.34815	08 02 26.31	+21 29 03.7	20.1 V	691
1994 AH ₅	1994 01 05.50619	08 05 13.00	+20 54 25.0	20.2 V	691	1994 AP ₅	1994 01 14.36695	08 02 25.32	+21 29 06.6		691
1994 AH ₅	1994 01 06.34651	08 04 30.51	+20 55 57.8	20.9 V	691	1994 AP ₅	1994 01 17.30874	07 59 52.87	+21 36 35.7	19.7 V	691
1994 AH ₅	1994 01 06.36936	08 04 29.31	+20 56 00.0		691	1994 AP ₅	1994 01 17.33224	07 59 51.66	+21 36 39.7		691
1994 AH ₅	1994 01 06.39226	08 04 28.13	+20 56 02.3		691	1994 AP ₅	1994 01 17.35548	07 59 50.47	+21 36 42.6		691
1994 AH ₅	1994 01 11.21731	08 00 15.00	+21 04 56.8		691	1994 AQ ₅	* 1994 01 05.37399	08 14 56.96	+21 06 28.2	19.9 V	691
1994 AH ₅	1994 01 11.25134	08 00 13.11	+21 05 00.7	19.5 V	691	1994 AQ ₅	1994 01 05.42039	08 14 54.75	+21 06 35.2		691
1994 AH ₅	1994 01 17.30516	07 54 42.76	+21 15 58.0	19.7 V	691	1994 AQ ₅	1994 01 05.51285	08 14 50.26	+21 06 49.2		691
1994 AH ₅	1994 01 17.35189	07 54 40.13	+21 16 02.1		691	1994 AQ ₅	1994 01 06.35321	08 14 10.38	+21 09 01.8		691
1994 AJ ₅	* 1994 01 05.36810	08 06 26.69	+21 06 33.6		691	1994 AQ ₅	1994 01 06.37605	08 14 09.17	+21 09 05.3	19.9 V	691
1994 AJ ₅	1994 01 05.41450	08 06 24.26	+21 06 36.3		691	1994 AQ ₅	1994 01 06.39896	08 14 08.08	+21 09 09.6		691
1994 AJ ₅	1994 01 05.50695	08 06 19.33	+21 06 40.3	20.1 V	691	1994 AQ ₅	1994 01 17.31215	08 04 48.11	+21 38 02.5		691
1994 AJ ₅	1994 01 06.34728	08 05 36.54	+21 07 27.5	20.5 V	691	1994 AQ ₅	1994 01 17.33565	08 04 46.76	+21 38 06.0	19.5 V	691
1994 AJ ₅	1994 01 06.37012	08 05 35.37	+21 07 27.9		691	1994 AQ ₅	1994 01 17.35888	08 04 45.53	+21 38 09.7		691
1994 AJ ₅	1994 01 06.39302	08 05 34.15	+21 07 28.8		691	1994 AR ₅	* 1994 01 05.37402	08 14 58.89	+21 11 27.7		691

1994 AR ₅	1994 01 05.42041	08 14 56.14	+21 11 38.7	19.9 V	691	1994 AX ₅	1994 01 16.25294	08 05 10.98	+22 53 56.9		691
1994 AR ₅	1994 01 05.51286	08 14 50.75	+21 11 59.8		691	1994 AX ₅	1994 01 16.26196	08 05 10.43	+22 54 02.9	18.4 V	691
1994 AR ₅	1994 01 14.33824	08 05 47.42	+21 46 24.5	19.8 V	691	1994 AY ₅	* 1994 01 06.35368	08 14 50.85	+20 54 34.4		691
1994 AR ₅	1994 01 14.35713	08 05 46.27	+21 46 31.1		691	1994 AY ₅	1994 01 06.37651	08 14 49.28	+20 54 32.9	20.2 V	691
1994 AR ₅	1994 01 18.21058	08 01 32.00	+22 01 20.5		691	1994 AY ₅	1994 01 06.39942	08 14 47.69	+20 54 29.6		691
1994 AR ₅	1994 01 18.23393	08 01 30.37	+22 01 25.7	19.2 V	691	1994 AY ₅	1994 01 11.18993	08 09 27.06	+20 45 36.9	19.1 V	691
1994 AR ₅	1994 01 18.25754	08 01 28.75	+22 01 31.2		691	1994 AY ₅	1994 01 11.22366	08 09 24.62	+20 45 33.5		691
1994 AR ₅	1994 01 19.30939	08 00 18.45	+22 05 30.6		691	1994 AY ₅	1994 01 11.25768	08 09 22.25	+20 45 29.9		691
1994 AR ₅	1994 01 19.34074	08 00 16.18	+22 05 36.8	19.5 V	691	1994 AY ₅	1994 01 12.18173	08 08 18.74	+20 43 45.1		691
1994 AR ₅	1994 01 19.37190	08 00 14.02	+22 05 43.5		691	1994 AY ₅	1994 01 12.20991	08 08 16.69	+20 43 41.6	19.3 V	691
1994 AS ₅	* 1994 01 05.38337	08 28 28.74	+21 06 49.4	20.8 V	691	1994 AY ₅	1994 01 12.23819	08 08 14.79	+20 43 38.9		691
1994 AS ₅	1994 01 05.42976	08 28 26.08	+21 06 59.7		691	1994 AZ ₅	* 1994 01 06.35447	08 15 59.68	+21 14 39.7		691
1994 AS ₅	1994 01 05.52221	08 28 21.00	+21 07 19.5		691	1994 AZ ₅	1994 01 06.37731	08 15 58.06	+21 14 43.5	19.6 V	691
1994 AS ₅	1994 01 19.31842	08 14 01.26	+22 00 48.9	20.0 V	691	1994 AZ ₅	1994 01 06.40021	08 15 56.38	+21 14 45.7		691
1994 AS ₅	1994 01 19.34974	08 13 59.09	+22 00 56.0		691	1994 AZ ₅	1994 01 17.31075	08 02 46.84	+21 34 07.9	18.7 V	691
1994 AS ₅	1994 01 19.38089	08 13 56.99	+22 01 03.2		691	1994 AZ ₅	1994 01 17.33424	08 02 45.07	+21 34 10.3		691
1994 AT ₅	* 1994 01 06.34502	08 02 21.07	+20 45 09.1		691	1994 AZ ₅	1994 01 17.35747	08 02 43.32	+21 34 12.3		691
1994 AT ₅	1994 01 06.36786	08 02 19.83	+20 45 12.5	19.3 V	691	1994 AA ₆	* 1994 01 06.35624	08 18 33.18	+20 56 32.2		691
1994 AT ₅	1994 01 06.39077	08 02 18.67	+20 45 15.8		691	1994 AA ₆	1994 01 06.37908	08 18 31.77	+20 56 36.2		691
1994 AT ₅	1994 01 11.18218	07 58 16.08	+20 56 46.3		691	1994 AA ₆	1994 01 06.40199	08 18 30.25	+20 56 40.6	19.7 V	691
1994 AT ₅	1994 01 11.21592	07 58 14.42	+20 56 51.0	18.0 V	691	1994 AA ₆	1994 01 13.42680	08 11 04.92	+21 19 01.1		691
1994 AT ₅	1994 01 11.24995	07 58 12.58	+20 56 56.2		691	1994 AA ₆	1994 01 13.43587	08 11 04.31	+21 19 02.8	18.8 V	691
1994 AU ₅	* 1994 01 06.34945	08 08 45.06	+20 57 53.1		691	1994 AA ₆	1994 01 13.44570	08 11 03.64	+21 19 04.4		691
1994 AU ₅	1994 01 06.37229	08 08 43.70	+20 57 54.6		691	1994 AA ₆	1994 01 17.31354	08 06 48.17	+21 30 59.6	18.9 V	691
1994 AU ₅	1994 01 06.39520	08 08 42.28	+20 57 56.9	20.4 V	691	1994 AA ₆	1994 01 17.33703	08 06 46.53	+21 31 03.9		691
1994 AU ₅	1994 01 11.18605	08 03 50.55	+21 04 56.5		691	1994 AA ₆	1994 01 17.36026	08 06 44.89	+21 31 07.9		691
1994 AU ₅	1994 01 11.21977	08 03 48.43	+21 04 59.3	18.7 V	691	1994 AB ₆	* 1994 01 06.36275	08 27 56.40	+20 59 10.8		691
1994 AU ₅	1994 01 11.25380	08 03 46.14	+21 05 02.5		691	1994 AB ₆	1994 01 06.38559	08 27 55.17	+20 59 18.7	20.7 V	691
1994 AV ₅	* 1994 01 06.35243	08 13 03.05	+20 54 53.7	18.3 V	691	1994 AB ₆	1994 01 06.40850	08 27 54.13	+20 59 26.9		691
1994 AV ₅	1994 01 06.37527	08 13 01.56	+20 54 52.7		691	1994 AB ₆	1994 01 19.32007	08 16 24.92	+22 09 20.8	19.3 V	691
1994 AV ₅	1994 01 06.39817	08 13 00.17	+20 54 51.8		691	1994 AB ₆	1994 01 19.35141	08 16 23.14	+22 09 31.0		691
1994 AV ₅	1994 01 11.18901	08 08 06.87	+20 51 24.2	17.1 V	691	1994 AB ₆	1994 01 19.38256	08 16 21.38	+22 09 40.6		691
1994 AV ₅	1994 01 11.22273	08 08 04.59	+20 51 22.9		691	1994 AC ₆	* 1994 01 07.20042	07 35 37.72	+20 48 18.6		691
1994 AV ₅	1994 01 11.25676	08 08 02.41	+20 51 21.7		691	1994 AC ₆	1994 01 07.22966	07 35 35.86	+20 48 26.0		691
1994 AV ₅	1994 01 12.18086	08 07 03.79	+20 50 41.2		691	1994 AC ₆	1994 01 07.25437	07 35 34.42	+20 48 31.6	19.8 V	691
1994 AV ₅	1994 01 12.20905	08 07 01.90	+20 50 39.8		691	1994 AC ₆	1994 01 11.16373	07 31 37.81	+21 01 54.7		691
1994 AV ₅	1994 01 12.23733	08 07 00.14	+20 50 38.8	17.3 V	691	1994 AC ₆	1994 01 11.19746	07 31 35.60	+21 02 02.4	19.0 V	691
1994 AW ₅	* 1994 01 06.35244	08 13 03.59	+20 59 07.5		691	1994 AC ₆	1994 01 11.23149	07 31 33.53	+21 02 09.3		691
1994 AW ₅	1994 01 06.37527	08 13 01.92	+20 59 11.5		691	1994 AD ₆	* 1994 01 07.20224	07 38 15.21	+20 50 45.0		691
1994 AW ₅	1994 01 06.39818	08 13 00.44	+20 59 16.5	20.9 V	691	1994 AD ₆	1994 01 07.23149	07 38 13.80	+20 50 53.9	18.9 V	691
1994 AW ₅	1994 01 13.42256	08 04 57.80	+21 22 01.0		691	1994 AD ₆	1994 01 07.25619	07 38 12.34	+20 51 00.8		691
1994 AW ₅	1994 01 13.43163	08 04 57.13	+21 22 02.7	19.7 V	691	1994 AD ₆	1994 01 11.16595	07 34 50.44	+21 09 33.2		691
1994 AW ₅	1994 01 13.44146	08 04 56.43	+21 22 04.7		691	1994 AD ₆	1994 01 11.19968	07 34 48.63	+21 09 43.3	18.2 V	691
1994 AW ₅	1994 01 14.34914	08 03 52.62	+21 24 56.8	20.2 V	691	1994 AD ₆	1994 01 11.23372	07 34 46.77	+21 09 53.1		691
1994 AW ₅	1994 01 14.36794	08 03 51.26	+21 25 00.3		691	1994 AE ₆	* 1994 01 07.20434	07 41 17.67	+20 51 32.7	17.2 V	691
1994 AW ₅	1994 01 17.30910	08 00 23.41	+21 34 02.5		691	1994 AE ₆	1994 01 07.23359	07 41 15.88	+20 51 36.3		691
1994 AW ₅	1994 01 17.33259	08 00 21.66	+21 34 07.0	19.6 V	691	1994 AE ₆	1994 01 07.25829	07 41 14.34	+20 51 38.9		691
1994 AW ₅	1994 01 17.35582	08 00 20.03	+21 34 11.3		691	1994 AE ₆	1994 01 11.16754	07 37 08.18	+20 58 00.8		691
1994 AX ₅	* 1994 01 06.35329	08 14 17.30	+21 03 25.4		691	1994 AE ₆	1994 01 11.20127	07 37 06.05	+20 58 04.4	16.3 V	691
1994 AX ₅	1994 01 06.37613	08 14 16.12	+21 03 42.2		691	1994 AE ₆	1994 01 11.23530	07 37 03.77	+20 58 07.3		691
1994 AX ₅	1994 01 06.39904	08 14 14.82	+21 03 57.5	19.6 V	691	1994 AF ₆	* 1994 01 07.21010	07 49 35.86	+20 49 40.1	20.8 V	691
1994 AX ₅	1994 01 16.24407	08 05 11.50	+22 53 51.0		691	1994 AF ₆	1994 01 07.23934	07 49 34.07	+20 49 45.3		691

1994 AF ₆	1994 01 07.26405	07 49 32.52	+20 49 48.4		691	1994 AO ₆	1994 01 12.18635	07 33 53.98	+20 31 47.2		691
1994 AF ₆	1994 01 11.17339	07 45 34.84	+20 58 39.5	19.3 V	691	1994 AO ₆	1994 01 12.21464	07 33 52.43	+20 31 51.2		691
1994 AF ₆	1994 01 11.20712	07 45 32.68	+20 58 44.4		691	1994 AP ₆	* 1994 01 07.28133	07 39 39.14	+20 20 24.9		691
1994 AF ₆	1994 01 11.24115	07 45 30.56	+20 58 49.3		691	1994 AP ₆	1994 01 07.32454	07 39 36.18	+20 20 29.0	18.5 V	691
1994 AG ₆	* 1994 01 07.21050	07 50 11.18	+21 04 47.3	18.6 V	691	1994 AP ₆	1994 01 07.36702	07 39 33.42	+20 20 32.9		691
1994 AG ₆	1994 01 07.23975	07 50 09.52	+21 04 47.3		691	1994 AP ₆	1994 01 12.15832	07 34 22.15	+20 27 56.3		691
1994 AG ₆	1994 01 07.26446	07 50 08.08	+21 04 47.1		691	1994 AP ₆	1994 01 12.18651	07 34 20.25	+20 28 00.3	18.7 V	691
1994 AG ₆	1994 01 11.17401	07 46 28.06	+21 03 57.1	17.8 V	691	1994 AP ₆	1994 01 12.21479	07 34 18.33	+20 28 03.2		691
1994 AG ₆	1994 01 11.20774	07 46 26.03	+21 03 57.0		691	1994 AQ ₆	* 1994 01 07.28156	07 39 59.48	+20 16 02.2		691
1994 AG ₆	1994 01 11.24177	07 46 24.09	+21 03 56.5		691	1994 AQ ₆	1994 01 07.32478	07 39 56.70	+20 16 25.0		691
1994 AH ₆	* 1994 01 07.21061	07 50 20.21	+20 45 51.4	17.7 V	691	1994 AQ ₆	1994 01 07.36726	07 39 54.18	+20 16 46.7	17.7 V	691
1994 AH ₆	1994 01 07.23985	07 50 18.02	+20 45 52.5		691	1994 AQ ₆	1994 01 11.16684	07 36 07.32	+20 49 45.6	17.4 V	691
1994 AH ₆	1994 01 07.26455	07 50 16.14	+20 45 52.9		691	1994 AQ ₆	1994 01 11.20057	07 36 05.27	+20 50 03.4		691
1994 AH ₆	1994 01 11.17335	07 45 31.29	+20 47 13.1	17.1 V	691	1994 AQ ₆	1994 01 11.23460	07 36 03.10	+20 50 21.5		691
1994 AH ₆	1994 01 11.20708	07 45 28.73	+20 47 14.1		691	1994 AR ₆	* 1994 01 07.28263	07 41 31.93	+20 37 46.3		691
1994 AH ₆	1994 01 11.24110	07 45 26.21	+20 47 15.1		691	1994 AR ₆	1994 01 07.32585	07 41 29.37	+20 37 50.6		691
1994 AH ₆	1994 01 12.16510	07 44 18.47	+20 47 31.2	17.2 V	691	1994 AR ₆	1994 01 07.36832	07 41 26.68	+20 37 53.8	18.9 V	691
1994 AH ₆	1994 01 12.19328	07 44 16.28	+20 47 32.9		691	1994 AR ₆	1994 01 12.15978	07 36 37.85	+20 44 38.2		691
1994 AH ₆	1994 01 12.22156	07 44 14.22	+20 47 31.3		691	1994 AR ₆	1994 01 12.18797	07 36 36.09	+20 44 41.5	18.8 V	691
1994 AJ ₆	* 1994 01 07.21066	07 50 24.90	+20 56 32.4		691	1994 AR ₆	1994 01 12.21625	07 36 34.34	+20 44 44.1		691
1994 AJ ₆	1994 01 07.23990	07 50 22.83	+20 56 21.6	18.9 V	691	1994 AS ₆	* 1994 01 07.28351	07 42 47.93	+20 35 07.8	19.5 V	691
1994 AJ ₆	1994 01 07.26461	07 50 21.09	+20 56 12.1		691	1994 AS ₆	1994 01 07.32672	07 42 44.96	+20 35 11.9		691
1994 AJ ₆	1994 01 12.16540	07 44 43.84	+20 24 39.4		691	1994 AS ₆	1994 01 12.16013	07 37 07.75	+20 42 16.2		691
1994 AJ ₆	1994 01 12.19358	07 44 41.89	+20 24 29.0	18.6 V	691	1994 AS ₆	1994 01 12.18831	07 37 05.68	+20 42 20.2	19.5 V	691
1994 AJ ₆	1994 01 12.22185	07 44 39.91	+20 24 17.6		691	1994 AS ₆	1994 01 12.21659	07 37 03.70	+20 42 22.5		691
1994 AK ₆	* 1994 01 07.21262	07 53 14.27	+21 03 55.5	19.5 V	691	1994 AT ₆	* 1994 01 07.28383	07 43 16.11	+20 17 33.2	19.3 V	691
1994 AK ₆	1994 01 07.24186	07 53 12.23	+21 03 59.5		691	1994 AT ₆	1994 01 07.32705	07 43 13.61	+20 17 36.8		691
1994 AK ₆	1994 01 07.26657	07 53 10.58	+21 04 02.2		691	1994 AT ₆	1994 01 12.16109	07 38 31.20	+20 23 41.5		691
1994 AK ₆	1994 01 17.29623	07 41 49.03	+21 24 20.2		691	1994 AT ₆	1994 01 12.18928	07 38 29.47	+20 23 44.4	19.7 V	691
1994 AK ₆	1994 01 17.31972	07 41 47.26	+21 24 21.4		691	1994 AT ₆	1994 01 12.21756	07 38 27.81	+20 23 46.7		691
1994 AK ₆	1994 01 17.34295	07 41 45.59	+21 24 23.8	19.1 V	691	1994 AU ₆	* 1994 01 07.28560	07 45 48.83	+20 33 40.5		691
1994 AL ₆	* 1994 01 07.21288	07 53 37.40	+21 03 16.0		691	1994 AU ₆	1994 01 07.32882	07 45 46.63	+20 33 47.3	18.4 V	691
1994 AL ₆	1994 01 07.24213	07 53 35.55	+21 03 22.6	21.1 V	691	1994 AU ₆	1994 01 07.37130	07 45 44.47	+20 33 53.8		691
1994 AL ₆	1994 01 17.29698	07 42 53.65	+21 46 02.2		691	1994 AU ₆	1994 01 11.17132	07 42 35.41	+20 43 29.4		691
1994 AL ₆	1994 01 17.32047	07 42 52.07	+21 46 07.3	20.4 V	691	1994 AU ₆	1994 01 11.20506	07 42 33.76	+20 43 34.6	18.7 V	691
1994 AL ₆	1994 01 17.34370	07 42 50.48	+21 46 13.5		691	1994 AU ₆	1994 01 11.23909	07 42 31.98	+20 43 40.0		691
1994 AM ₆	* 1994 01 07.21321	07 54 05.66	+20 52 19.7		691	1994 AU ₆	1994 01 12.16334	07 41 45.62	+20 45 58.8		691
1994 AM ₆	1994 01 07.24245	07 54 03.56	+20 52 20.0	20.1 V	691	1994 AU ₆	1994 01 12.19152	07 41 44.16	+20 46 03.3		691
1994 AM ₆	1994 01 07.26716	07 54 01.89	+20 52 20.5		691	1994 AU ₆	1994 01 12.21981	07 41 42.74	+20 46 08.0	19.0 V	691
1994 AM ₆	1994 01 12.16784	07 48 15.79	+20 53 31.5		691	1994 AV ₆	* 1994 01 07.28567	07 45 55.18	+20 40 14.6		691
1994 AM ₆	1994 01 12.19602	07 48 13.78	+20 53 32.0	19.2 V	691	1994 AV ₆	1994 01 07.32889	07 45 52.51	+20 40 21.3	19.6 V	691
1994 AM ₆	1994 01 12.22430	07 48 11.67	+20 53 31.8		691	1994 AV ₆	1994 01 07.37136	07 45 49.84	+20 40 28.4		691
1994 AN ₆	* 1994 01 07.21700	07 59 33.60	+21 03 22.9	17.0 V	691	1994 AV ₆	1994 01 11.17088	07 41 57.18	+20 50 53.4		691
1994 AN ₆	1994 01 07.24625	07 59 32.15	+21 03 28.9		691	1994 AV ₆	1994 01 11.20461	07 41 55.13	+20 50 59.3	19.3 V	691
1994 AN ₆	1994 01 07.27096	07 59 30.82	+21 03 34.4		691	1994 AV ₆	1994 01 11.23864	07 41 52.92	+20 51 05.3		691
1994 AN ₆	1994 01 17.30247	07 50 49.16	+21 41 29.1	16.8 V	691	1994 AW ₆	* 1994 01 07.28733	07 48 18.52	+20 38 25.1	19.2 V	691
1994 AN ₆	1994 01 17.32596	07 50 47.89	+21 41 34.4		691	1994 AW ₆	1994 01 07.33055	07 48 16.17	+20 38 32.6		691
1994 AN ₆	1994 01 17.34920	07 50 46.64	+21 41 39.4		691	1994 AW ₆	1994 01 07.37303	07 48 13.90	+20 38 41.6		691
1994 AO ₆	* 1994 01 07.28035	07 38 14.07	+20 20 45.5		691	1994 AW ₆	1994 01 12.16487	07 43 58.11	+20 54 20.1		691
1994 AO ₆	1994 01 07.32357	07 38 11.67	+20 20 50.6	18.5 V	691	1994 AW ₆	1994 01 12.19305	07 43 56.55	+20 54 26.4	19.4 V	691
1994 AO ₆	1994 01 07.36605	07 38 09.41	+20 20 56.5		691	1994 AW ₆	1994 01 12.22133	07 43 55.03	+20 54 31.6		691
1994 AO ₆	1994 01 12.15816	07 33 55.52	+20 31 42.1	19.0 V	691	1994 AX ₆	* 1994 01 07.28801	07 49 17.62	+20 33 51.3	19.1 V	691

1994 AX ₆	1994 01 07.33122	07 49 14.79	+20 33 58.7		691	1994 AE ₇	* 1994 01 07.29787	08 02 17.32	+20 36 50.6	19.5 V	691
1994 AX ₆	1994 01 07.37370	07 49 12.05	+20 34 06.2		691	1994 AE ₇	1994 01 07.34042	08 02 14.65	+20 37 02.4		691
1994 AX ₆	1994 01 11.17311	07 45 09.92	+20 44 55.0	18.6 V	691	1994 AE ₇	1994 01 07.38280	08 02 11.98	+20 37 13.0		691
1994 AX ₆	1994 01 11.20683	07 45 07.66	+20 45 00.8		691	1994 AE ₇	1994 01 11.18219	07 58 16.82	+20 54 16.9		691
1994 AX ₆	1994 01 11.24086	07 45 05.35	+20 45 06.6		691	1994 AE ₇	1994 01 11.21592	07 58 14.78	+20 54 25.2	18.9 V	691
1994 AX ₆	1994 01 12.16495	07 44 05.66	+20 47 42.6		691	1994 AE ₇	1994 01 11.24995	07 58 12.54	+20 54 34.7		691
1994 AX ₆	1994 01 12.19314	07 44 03.77	+20 47 47.9	18.9 V	691	1994 AE ₇	1994 01 17.30307	07 51 41.19	+21 21 43.3		691
1994 AX ₆	1994 01 12.22141	07 44 01.94	+20 47 52.7		691	1994 AE ₇	1994 01 17.32656	07 51 39.55	+21 21 50.4		691
1994 AY ₆	* 1994 01 07.28993	07 52 04.42	+20 36 28.0		691	1994 AE ₇	1994 01 17.34979	07 51 38.04	+21 21 56.1	19.4 V	691
1994 AY ₆	1994 01 07.33315	07 52 01.96	+20 36 40.2		691	1994 AF ₇	* 1994 01 07.29930	08 04 20.51	+20 31 37.2	18.5 V	691
1994 AY ₆	1994 01 07.37563	07 51 59.47	+20 36 49.7	19.6 V	691	1994 AF ₇	1994 01 07.34184	08 04 18.19	+20 31 44.6		691
1994 AY ₆	1994 01 11.17538	07 48 26.41	+20 53 14.2	19.5 V	691	1994 AF ₇	1994 01 07.38423	08 04 16.00	+20 31 53.2		691
1994 AY ₆	1994 01 11.20910	07 48 24.43	+20 53 23.5		691	1994 AF ₇	1994 01 12.17604	08 00 05.95	+20 46 47.2		691
1994 AY ₆	1994 01 11.24314	07 48 22.44	+20 53 32.8		691	1994 AF ₇	1994 01 12.20423	08 00 04.41	+20 46 52.5	18.3 V	691
1994 AY ₆	1994 01 17.29675	07 42 34.19	+21 19 27.7	20.1 V	691	1994 AF ₇	1994 01 12.23251	08 00 02.78	+20 46 58.3		691
1994 AY ₆	1994 01 17.32025	07 42 32.78	+21 19 33.8		691	1994 AG ₇	* 1994 01 07.29990	08 05 12.48	+20 41 21.1	19.5 V	691
1994 AY ₆	1994 01 17.34348	07 42 31.34	+21 19 39.7		691	1994 AG ₇	1994 01 07.34244	08 05 09.79	+20 41 31.7		691
1994 AZ ₆	* 1994 01 07.29129	07 54 01.88	+20 31 06.8	19.0 V	691	1994 AG ₇	1994 01 07.38482	08 05 06.89	+20 41 43.1		691
1994 AZ ₆	1994 01 07.33451	07 53 59.33	+20 31 11.7		691	1994 AG ₇	1994 01 11.18409	08 01 01.15	+20 58 13.5		691
1994 AZ ₆	1994 01 12.16870	07 49 30.38	+20 41 43.7	19.4 V	691	1994 AG ₇	1994 01 11.21782	08 00 58.91	+20 58 25.1		691
1994 AZ ₆	1994 01 12.19689	07 49 28.81	+20 41 47.7		691	1994 AG ₇	1994 01 11.25184	08 00 56.53	+20 58 31.7	19.1 V	691
1994 AZ ₆	1994 01 12.22517	07 49 27.19	+20 41 51.4		691	1994 AG ₇	1994 01 17.30484	07 54 14.26	+21 24 13.0		691
1994 AA ₇	* 1994 01 07.29216	07 55 16.84	+20 44 05.1		691	1994 AG ₇	1994 01 17.32833	07 54 12.64	+21 24 18.7	19.5 V	691
1994 AA ₇	1994 01 07.33537	07 55 14.04	+20 44 19.5	18.8 V	691	1994 AG ₇	1994 01 17.35156	07 54 11.01	+21 24 24.5		691
1994 AA ₇	1994 01 07.37784	07 55 11.04	+20 44 34.3		691	1994 AH ₇	* 1994 01 07.30040	08 05 56.46	+20 27 59.5	20.2 V	691
1994 AA ₇	1994 01 17.29803	07 44 24.65	+21 44 56.6		691	1994 AH ₇	1994 01 07.34295	08 05 54.17	+20 28 13.9		691
1994 AA ₇	1994 01 17.32152	07 44 23.01	+21 45 05.5	19.2 V	691	1994 AH ₇	1994 01 07.38534	08 05 52.05	+20 28 24.4		691
1994 AA ₇	1994 01 17.34475	07 44 21.40	+21 45 13.8		691	1994 AH ₇	1994 01 11.18518	08 02 35.55	+20 47 11.3		691
1994 AA ₇	1994 01 18.19802	07 43 24.50	+21 50 21.9	19.3 V	691	1994 AH ₇	1994 01 11.21891	08 02 33.72	+20 47 21.5	20.2 V	691
1994 AA ₇	1994 01 18.22137	07 43 22.87	+21 50 30.9		691	1994 AH ₇	1994 01 11.25294	08 02 31.79	+20 47 32.1		691
1994 AA ₇	1994 01 18.24498	07 43 21.17	+21 50 39.4		691	1994 AH ₇	1994 01 17.30680	07 57 04.74	+21 17 35.3	20.4 V	691
1994 AB ₇	* 1994 01 07.29323	07 56 49.63	+20 34 13.3		691	1994 AH ₇	1994 01 17.33030	07 57 03.40	+21 17 41.8		691
1994 AB ₇	1994 01 07.33645	07 56 47.17	+20 34 18.6	19.0 V	691	1994 AH ₇	1994 01 17.35353	07 57 02.00	+21 17 48.1		691
1994 AB ₇	1994 01 07.37893	07 56 44.93	+20 34 22.9		691	1994 AJ ₇	* 1994 01 07.30046	08 06 01.17	+20 34 20.1		691
1994 AB ₇	1994 01 12.17068	07 52 21.80	+20 43 43.4		691	1994 AJ ₇	1994 01 07.34301	08 05 59.11	+20 34 26.8	19.2 V	691
1994 AB ₇	1994 01 12.19887	07 52 20.21	+20 43 46.9	19.2 V	691	1994 AJ ₇	1994 01 07.38540	08 05 56.91	+20 34 33.6		691
1994 AB ₇	1994 01 12.22715	07 52 18.65	+20 43 51.2		691	1994 AJ ₇	1994 01 12.17734	08 01 58.63	+20 47 18.5		691
1994 AC ₇	* 1994 01 07.29750	08 01 45.35	+20 41 51.5	18.8 V	691	1994 AJ ₇	1994 01 12.20553	08 01 57.20	+20 47 22.2	19.3 V	691
1994 AC ₇	1994 01 07.34005	08 01 43.08	+20 42 04.3		691	1994 AJ ₇	1994 01 12.23381	08 01 55.70	+20 47 26.7		691
1994 AC ₇	1994 01 07.38244	08 01 40.96	+20 42 17.8		691	1994 AK ₇	* 1994 01 07.30060	08 06 13.27	+20 33 56.9		691
1994 AC ₇	1994 01 11.18233	07 58 28.47	+21 01 37.6		691	1994 AK ₇	1994 01 07.34315	08 06 11.07	+20 34 03.0	20.1 V	691
1994 AC ₇	1994 01 11.21606	07 58 26.85	+21 01 47.9	18.3 V	691	1994 AK ₇	1994 01 07.38554	08 06 08.85	+20 34 09.0		691
1994 AC ₇	1994 01 11.25009	07 58 25.04	+21 01 58.5		691	1994 AK ₇	1994 01 12.17734	08 01 58.15	+20 45 43.9	19.8 V	691
1994 AC ₇	1994 01 17.30409	07 53 09.65	+21 32 29.2	18.7 V	691	1994 AK ₇	1994 01 12.20552	08 01 56.63	+20 45 47.8		691
1994 AC ₇	1994 01 17.32758	07 53 08.39	+21 32 36.3		691	1994 AK ₇	1994 01 12.23380	08 01 55.03	+20 45 51.6		691
1994 AC ₇	1994 01 17.35082	07 53 07.14	+21 32 43.1		691	1994 AL ₇	* 1994 01 07.30083	08 06 32.95	+20 19 41.5	20.6 V	691
1994 AD ₇	* 1994 01 07.29770	08 02 02.09	+20 18 28.6		691	1994 AL ₇	1994 01 07.34337	08 06 30.01	+20 19 45.3		691
1994 AD ₇	1994 01 07.34025	08 01 59.94	+20 18 43.4	20.2 V	691	1994 AL ₇	1994 01 07.38575	08 06 27.04	+20 19 50.4		691
1994 AD ₇	1994 01 07.38264	08 01 57.77	+20 18 57.3		691	1994 AL ₇	1994 01 12.17666	08 00 59.37	+20 28 51.2	20.0 V	691
1994 AD ₇	1994 01 11.18259	07 58 50.84	+20 40 18.7	19.7 V	691	1994 AL ₇	1994 01 12.20484	08 00 57.35	+20 28 54.1		691
1994 AD ₇	1994 01 11.21632	07 58 49.25	+20 40 29.8		691	1994 AL ₇	1994 01 12.23311	08 00 55.27	+20 28 57.6		691
1994 AD ₇	1994 01 11.25035	07 58 47.43	+20 40 41.7		691	1994 AM ₇	* 1994 01 07.30174	08 07 52.31	+20 26 29.0		691

1994 AM ₇	1994 01 07.34429	08 07 49.84	+20 26 47.8		691	1994 AT ₇	* 1994 01 07.30731	08 15 54.71	+20 40 45.3	20.1 V	691
1994 AM ₇	1994 01 07.38667	08 07 47.36	+20 27 06.7	20.0 V	691	1994 AT ₇	1994 01 07.34985	08 15 51.94	+20 40 49.9		691
1994 AM ₇	1994 01 14.32711	08 01 02.35	+21 17 20.4		691	1994 AT ₇	1994 01 11.19146	08 11 39.23	+20 48 02.5	19.4 V	691
1994 AM ₇	1994 01 14.34716	08 01 01.14	+21 17 29.1	19.7 V	691	1994 AT ₇	1994 01 11.22518	08 11 36.81	+20 48 06.6		691
1994 AM ₇	1994 01 14.36596	08 00 59.94	+21 17 37.2		691	1994 AT ₇	1994 01 11.25921	08 11 34.55	+20 48 11.0		691
1994 AM ₇	1994 01 17.30748	07 58 03.55	+21 38 40.3	19.3 V	691	1994 AU ₇	* 1994 01 07.30813	08 17 05.39	+20 39 13.1	20.3 V	691
1994 AM ₇	1994 01 17.33097	07 58 02.08	+21 38 50.0		691	1994 AU ₇	1994 01 07.35067	08 17 02.94	+20 39 23.7		691
1994 AM ₇	1994 01 17.35421	07 58 00.56	+21 38 59.8		691	1994 AU ₇	1994 01 17.31371	08 07 02.49	+21 20 33.9		691
1994 AM ₇	1994 01 18.20755	07 57 09.60	+21 45 02.8	19.5 V	691	1994 AU ₇	1994 01 17.33720	08 07 00.90	+21 20 39.9	19.7 V	691
1994 AM ₇	1994 01 18.23090	07 57 08.19	+21 45 12.5		691	1994 AU ₇	1994 01 17.36043	08 06 59.41	+21 20 45.4		691
1994 AM ₇	1994 01 18.25451	07 57 06.68	+21 45 22.8		691	1994 AV ₇	* 1994 01 07.30825	08 17 15.82	+20 20 08.2		691
1994 AN ₇	* 1994 01 07.30269	08 09 14.76	+20 40 22.0		691	1994 AV ₇	1994 01 07.35079	08 17 12.91	+20 19 50.7	20.3 V	691
1994 AN ₇	1994 01 07.34524	08 09 12.06	+20 40 29.1	20.6 V	691	1994 AV ₇	1994 01 07.39317	08 17 10.00	+20 19 35.5		691
1994 AN ₇	1994 01 07.38762	08 09 09.30	+20 40 36.3		691	1994 AV ₇	1994 01 13.25828	08 10 32.61	+19 41 32.1		691
1994 AN ₇	1994 01 11.18694	08 05 07.54	+20 51 43.1	20.0 V	691	1994 AV ₇	1994 01 13.29296	08 10 30.22	+19 41 19.5		691
1994 AN ₇	1994 01 11.22066	08 05 05.31	+20 51 49.5		691	1994 AV ₇	1994 01 13.32756	08 10 27.69	+19 41 06.2	19.7 V	691
1994 AN ₇	1994 01 11.25469	08 05 02.98	+20 51 55.2		691	1994 AW ₇	* 1994 01 07.33611	07 56 18.25	+20 19 02.1	20.0 V	691
1994 AO ₇	* 1994 01 07.30318	08 09 56.69	+20 19 56.7	18.5 V	691	1994 AW ₇	1994 01 07.37859	07 56 16.08	+20 19 15.3		691
1994 AO ₇	1994 01 07.34572	08 09 54.14	+20 19 57.4		691	1994 AW ₇	1994 01 12.17048	07 52 04.11	+20 43 12.0	20.0 V	691
1994 AO ₇	1994 01 07.38811	08 09 51.61	+20 19 58.3		691	1994 AW ₇	1994 01 12.19866	07 52 02.55	+20 43 21.0		691
1994 AO ₇	1994 01 19.40762	07 57 47.52	+20 22 41.2	18.1 V	691	1994 AW ₇	1994 01 12.22695	07 52 01.00	+20 43 29.6		691
1994 AO ₇	1994 01 19.41609	07 57 46.97	+20 22 41.4		691	1994 AX ₇	* 1994 01 07.34073	08 02 41.79	+20 21 24.6	20.4 V	691
1994 AO ₇	1994 01 19.42470	07 57 46.45	+20 22 41.4		691	1994 AX ₇	1994 01 07.38312	08 02 39.13	+20 21 32.4		691
1994 AP ₇	* 1994 01 07.30336	08 10 12.56	+20 36 22.7		691	1994 AX ₇	1994 01 12.17437	07 57 40.84	+20 34 58.1		691
1994 AP ₇	1994 01 07.34591	08 10 10.30	+20 36 34.7	18.7 V	691	1994 AX ₇	1994 01 12.20255	07 57 39.13	+20 35 02.8		691
1994 AP ₇	1994 01 07.38830	08 10 08.03	+20 36 44.7		691	1994 AX ₇	1994 01 12.23083	07 57 37.18	+20 35 07.9	20.2 V	691
1994 AP ₇	1994 01 11.18808	08 06 46.67	+20 51 35.9		691	1994 AY ₇	* 1994 01 07.34376	08 07 04.47	+20 17 04.7	18.6 V	691
1994 AP ₇	1994 01 11.22181	08 06 44.75	+20 51 44.6	18.0 V	691	1994 AY ₇	1994 01 07.38615	08 07 01.62	+20 17 09.0		691
1994 AP ₇	1994 01 11.25584	08 06 42.79	+20 51 50.0		691	1994 AY ₇	1994 01 12.17723	08 01 48.92	+20 24 53.3		691
1994 AP ₇	1994 01 17.30962	08 01 08.88	+21 15 26.4	18.6 V	691	1994 AY ₇	1994 01 12.20541	08 01 47.03	+20 24 55.7	18.4 V	691
1994 AP ₇	1994 01 17.33312	08 01 07.62	+21 15 32.3		691	1994 AY ₇	1994 01 12.23369	08 01 45.15	+20 24 57.6		691
1994 AP ₇	1994 01 17.35635	08 01 06.25	+21 15 37.0		691	1994 AZ ₇	* 1994 01 07.41120	08 41 33.20	+20 32 10.3		691
1994 AQ ₇	* 1994 01 07.30434	08 11 37.19	+20 36 55.4	20.0 V	691	1994 AZ ₇	1994 01 07.45251	08 41 31.10	+20 32 27.3	19.6 V	691
1994 AQ ₇	1994 01 07.34689	08 11 35.04	+20 37 18.8		691	1994 AZ ₇	1994 01 07.49337	08 41 28.95	+20 32 45.8		691
1994 AQ ₇	1994 01 07.38928	08 11 32.78	+20 37 41.5		691	1994 AZ ₇	1994 01 19.32967	08 30 15.52	+22 02 53.2	19.0 V	691
1994 AQ ₇	1994 01 14.33020	08 05 29.81	+21 40 16.0	19.9 V	691	1994 AZ ₇	1994 01 19.36099	08 30 13.44	+22 03 07.8		691
1994 AQ ₇	1994 01 14.35025	08 05 28.69	+21 40 26.8		691	1994 AZ ₇	1994 01 19.39215	08 30 11.41	+22 03 22.0		691
1994 AQ ₇	1994 01 14.36905	08 05 27.63	+21 40 36.8		691	1994 AA ₈	* 1994 01 07.41873	08 52 25.98	+20 35 52.9		691
1994 AR ₇	* 1994 01 07.30458	08 11 57.80	+20 36 14.2	18.8 V	691	1994 AA ₈	1994 01 07.46005	08 52 24.10	+20 36 11.5	20.3 V	691
1994 AR ₇	1994 01 07.34713	08 11 55.57	+20 36 15.7		691	1994 AA ₈	1994 01 07.50091	08 52 22.13	+20 36 29.6		691
1994 AR ₇	1994 01 07.38951	08 11 53.36	+20 36 16.6		691	1994 AA ₈	1994 01 16.27387	08 45 13.85	+21 43 06.3		691
1994 AR ₇	1994 01 12.18131	08 07 42.14	+20 38 18.9	18.6 V	691	1994 AA ₈	1994 01 16.30982	08 45 11.95	+21 43 23.3	20.3 V	691
1994 AR ₇	1994 01 12.20950	08 07 40.58	+20 38 19.3		691	1994 AA ₈	1994 01 16.34446	08 45 10.01	+21 43 39.8		691
1994 AR ₇	1994 01 12.23778	08 07 39.10	+20 38 20.2		691	1994 AA ₈	1994 01 17.37316	08 44 14.69	+21 51 31.7		691
1994 AS ₇	* 1994 01 07.30503	08 12 37.62	+20 44 15.3		691	1994 AA ₈	1994 01 17.41240	08 44 12.25	+21 51 50.6	19.8 V	691
1994 AS ₇	1994 01 07.34758	08 12 34.95	+20 44 31.9	20.8 V	691	1994 AA ₈	1994 01 17.44696	08 44 10.33	+21 52 06.0		691
1994 AS ₇	1994 01 07.38996	08 12 32.35	+20 44 49.6		691	1994 AB ₈	* 1994 01 07.41924	08 53 10.17	+20 44 24.7		691
1994 AS ₇	1994 01 14.33005	08 05 16.89	+21 29 28.9		691	1994 AB ₈	1994 01 07.46056	08 53 08.14	+20 44 34.5		691
1994 AS ₇	1994 01 14.35010	08 05 15.51	+21 29 36.5		691	1994 AB ₈	1994 01 07.50142	08 53 06.10	+20 44 44.2	19.2 V	691
1994 AS ₇	1994 01 14.36890	08 05 14.23	+21 29 43.8	20.5 V	691	1994 AB ₈	1994 01 08.44435	08 52 23.65	+20 48 19.4	19.2 V	691
1994 AS ₇	1994 01 18.23359	08 01 00.67	+21 54 17.0	20.0 V	691	1994 AB ₈	1994 01 08.47806	08 52 22.00	+20 48 27.1		691
1994 AS ₇	1994 01 18.25720	08 00 59.02	+21 54 26.2		691	1994 AB ₈	1994 01 08.51217	08 52 20.37	+20 48 34.4		691

1994 AB ₈	1994 01 16.27414	08 45 36.94	+21 19 42.6		691	1994 AK ₈	1994 01 13.24774	07 55 20.25	+19 18 23.4	19.4 V	691
1994 AB ₈	1994 01 16.31009	08 45 34.88	+21 19 51.8	19.2 V	691	1994 AK ₈	1994 01 13.28243	07 55 17.98	+19 18 26.6		691
1994 AB ₈	1994 01 16.34472	08 45 32.75	+21 20 00.3		691	1994 AL ₈	* 1994 01 08.23438	08 01 44.48	+19 07 29.2	19.6 V	691
1994 AC ₈	* 1994 01 07.42019	08 54 32.04	+20 31 16.7		691	1994 AL ₈	1994 01 08.26806	08 01 42.79	+19 07 35.4		691
1994 AC ₈	1994 01 07.46150	08 54 29.94	+20 31 32.0	18.4 V	691	1994 AL ₈	1994 01 08.30225	08 01 40.89	+19 07 41.4		691
1994 AC ₈	1994 01 07.50236	08 54 27.80	+20 31 47.2		691	1994 AL ₈	1994 01 13.24917	07 57 23.70	+19 22 23.1		691
1994 AC ₈	1994 01 11.36963	08 51 12.72	+20 55 46.4		691	1994 AL ₈	1994 01 13.28386	07 57 21.94	+19 22 30.7		691
1994 AC ₈	1994 01 11.40575	08 51 10.77	+20 56 00.6	17.9 V	691	1994 AL ₈	1994 01 13.31847	07 57 19.98	+19 22 36.9	19.4 V	691
1994 AC ₈	1994 01 11.44206	08 51 08.67	+20 56 13.9		691	1994 AM ₈	* 1994 01 08.23445	08 01 50.25	+19 04 14.7	19.6 V	691
1994 AC ₈	1994 01 16.27478	08 46 32.64	+21 27 27.0		691	1994 AM ₈	1994 01 08.26813	08 01 48.63	+19 04 20.0		691
1994 AC ₈	1994 01 16.31073	08 46 30.42	+21 27 41.3	18.4 V	691	1994 AM ₈	1994 01 08.30232	08 01 46.86	+19 04 25.5		691
1994 AC ₈	1994 01 16.34536	08 46 28.20	+21 27 55.1		691	1994 AM ₈	1994 01 13.24941	07 57 44.35	+19 17 25.2		691
1994 AD ₈	* 1994 01 08.22251	07 44 35.42	+18 51 43.3	19.7 V	691	1994 AM ₈	1994 01 13.28410	07 57 42.57	+19 17 31.1	19.4 V	691
1994 AD ₈	1994 01 08.25619	07 44 33.22	+18 51 55.1		691	1994 AM ₈	1994 01 13.31871	07 57 40.77	+19 17 36.2		691
1994 AD ₈	1994 01 08.29039	07 44 31.13	+18 52 06.9		691	1994 AN ₈	* 1994 01 08.23469	08 02 11.02	+18 57 06.4	17.7 V	691
1994 AD ₈	1994 01 13.23672	07 39 25.27	+19 21 04.6		691	1994 AN ₈	1994 01 08.26836	08 02 08.93	+18 57 18.8		691
1994 AD ₈	1994 01 13.27141	07 39 23.04	+19 21 17.8	19.0 V	691	1994 AN ₈	1994 01 08.30255	08 02 06.59	+18 57 31.3		691
1994 AD ₈	1994 01 13.30601	07 39 20.80	+19 21 30.2		691	1994 AN ₈	1994 01 13.24874	07 56 46.63	+19 27 27.2		691
1994 AE ₈	* 1994 01 08.22531	07 48 38.23	+19 12 04.5	20.3 V	691	1994 AN ₈	1994 01 13.28343	07 56 44.38	+19 27 40.1	17.5 V	691
1994 AE ₈	1994 01 08.25898	07 48 35.99	+19 12 14.7		691	1994 AN ₈	1994 01 13.31803	07 56 41.98	+19 27 52.7		691
1994 AE ₈	1994 01 08.29316	07 48 33.77	+19 12 25.6		691	1994 AO ₈	* 1994 01 08.23499	08 02 36.92	+19 02 27.2		691
1994 AE ₈	1994 01 13.23931	07 43 10.06	+19 38 10.5	20.0 V	691	1994 AO ₈	1994 01 08.26866	08 02 35.16	+18 57 40.8	18.9 V	691
1994 AE ₈	1994 01 13.27400	07 43 07.59	+19 38 21.7		691	1994 AO ₈	1994 01 08.30285	08 02 33.18	+19 02 54.5		691
1994 AE ₈	1994 01 13.30860	07 43 05.24	+19 38 33.0		691	1994 AO ₈	1994 01 13.24963	07 58 03.91	+19 35 46.4	18.6 V	691
1994 AF ₈	* 1994 01 08.22550	07 48 54.62	+19 05 13.1	20.5 V	691	1994 AO ₈	1994 01 13.28432	07 58 01.95	+19 36 01.1		691
1994 AF ₈	1994 01 08.25917	07 48 52.80	+19 05 20.0		691	1994 AO ₈	1994 01 13.31893	07 57 59.92	+19 36 14.3		691
1994 AF ₈	1994 01 08.29336	07 48 51.06	+19 05 26.2		691	1994 AO ₈	1994 01 18.27738	07 53 23.95	+20 09 10.6	18.5 V	691
1994 AF ₈	1994 01 13.24031	07 44 36.76	+19 21 34.3		691	1994 AO ₈	1994 01 18.30445	07 53 22.39	+20 09 21.4		691
1994 AF ₈	1994 01 13.27500	07 44 34.70	+19 21 41.4		691	1994 AO ₈	1994 01 18.33134	07 53 20.84	+20 09 31.6		691
1994 AF ₈	1994 01 13.30961	07 44 32.91	+19 21 47.8	19.6 V	691	1994 AP ₈	* 1994 01 08.23519	08 02 54.30	+19 06 51.7		691
1994 AG ₈	* 1994 01 08.23006	07 55 29.86	+19 14 27.3		691	1994 AP ₈	1994 01 08.26886	08 02 52.27	+19 07 01.5	19.4 V	691
1994 AG ₈	1994 01 08.26373	07 55 27.69	+19 14 33.7	19.8 V	691	1994 AP ₈	1994 01 08.30305	08 02 50.01	+19 07 11.5		691
1994 AG ₈	1994 01 08.29791	07 55 25.35	+19 14 39.9		691	1994 AP ₈	1994 01 13.24937	07 57 41.44	+19 31 24.6	19.3 V	691
1994 AG ₈	1994 01 13.24404	07 49 59.34	+19 29 39.5		691	1994 AP ₈	1994 01 13.28406	07 57 39.18	+19 31 34.9		691
1994 AG ₈	1994 01 13.27872	07 49 56.98	+19 29 46.0		691	1994 AP ₈	1994 01 13.31866	07 57 36.89	+19 31 44.8		691
1994 AG ₈	1994 01 13.31333	07 49 54.56	+19 29 52.3	19.6 V	691	1994 AQ ₈	* 1994 01 08.23567	08 03 35.76	+19 02 23.6	19.0 V	691
1994 AH ₈	* 1994 01 08.23328	08 00 08.93	+19 18 07.7		691	1994 AQ ₈	1994 01 08.26934	08 03 33.81	+19 02 31.5		691
1994 AH ₈	1994 01 08.26696	08 00 07.31	+19 18 13.3	20.7 V	691	1994 AQ ₈	1994 01 08.30353	08 03 31.73	+19 02 39.6		691
1994 AH ₈	1994 01 08.30115	08 00 05.52	+19 18 19.5		691	1994 AQ ₈	1994 01 13.25003	07 58 37.94	+19 22 15.4		691
1994 AH ₈	1994 01 13.24822	07 56 01.29	+19 32 37.9		691	1994 AQ ₈	1994 01 13.28471	07 58 35.75	+19 22 24.1	18.8 V	691
1994 AH ₈	1994 01 13.28291	07 55 59.61	+19 32 44.9	20.5 V	691	1994 AQ ₈	1994 01 13.31932	07 58 33.52	+19 22 32.1		691
1994 AH ₈	1994 01 13.31752	07 55 57.83	+19 32 50.2		691	1994 AR ₈	* 1994 01 08.23753	08 06 16.93	+19 10 54.0		691
1994 AH ₈	1994 01 18.30333	07 51 45.64	+19 47 26.6	20.8 V	691	1994 AR ₈	1994 01 08.27120	08 06 14.80	+19 11 03.9	19.3 V	691
1994 AH ₈	1994 01 18.33023	07 51 44.22	+19 47 30.5		691	1994 AR ₈	1994 01 08.30539	08 06 12.54	+19 11 14.3		691
1994 AJ ₈	* 1994 01 08.23330	08 00 10.68	+19 00 13.4	19.6 V	691	1994 AR ₈	1994 01 13.25155	08 00 49.94	+19 35 00.7	19.1 V	691
1994 AJ ₈	1994 01 08.26697	08 00 08.70	+19 00 22.2		691	1994 AR ₈	1994 01 13.32084	08 00 45.13	+19 35 20.9		691
1994 AJ ₈	1994 01 08.30116	08 00 06.58	+19 00 31.8		691	1994 AS ₈	* 1994 01 08.23788	08 06 47.57	+19 05 28.5	21.5 V	691
1994 AJ ₈	1994 01 13.24772	07 55 18.16	+19 22 11.6		691	1994 AS ₈	1994 01 08.27156	08 06 45.56	+19 05 41.3		691
1994 AJ ₈	1994 01 13.28241	07 55 16.04	+19 22 22.4		691	1994 AS ₈	1994 01 08.30574	08 06 43.36	+19 05 54.3		691
1994 AJ ₈	1994 01 13.31701	07 55 13.94	+19 22 29.7	19.2 V	691	1994 AS ₈	1994 01 18.27942	07 56 20.82	+20 06 56.4	20.4 V	691
1994 AK ₈	* 1994 01 08.23363	08 00 38.72	+19 11 22.7	19.4 V	691	1994 AS ₈	1994 01 18.30649	07 56 19.03	+20 07 06.5		691
1994 AK ₈	1994 01 08.26730	08 00 36.63	+19 11 25.6		691	1994 AS ₈	1994 01 18.33338	07 56 17.26	+20 07 15.5		691

1994 AT ₈	* 1994 01 08.23948	08 09 05.82	+19 13 22.3		691	1994 AY ₈	1994 01 18.38831	08 04 24.02	+19 38 21.4		691
1994 AT ₈	1994 01 08.27315	08 09 03.76	+19 13 32.3		691	1994 AY ₈	1994 01 18.41947	08 04 22.09	+19 38 28.7		691
1994 AT ₈	1994 01 08.30734	08 09 01.57	+19 13 43.5	20.4 V	691	1994 AZ ₈	* 1994 01 08.24273	08 13 47.67	+19 06 22.2		691
1994 AT ₈	1994 01 13.25358	08 03 45.49	+19 38 39.1		691	1994 AZ ₈	1994 01 08.27641	08 13 45.97	+19 06 30.1		691
1994 AT ₈	1994 01 13.28826	08 03 43.15	+19 38 49.3	20.6 V	691	1994 AZ ₈	1994 01 08.31060	08 13 44.36	+19 06 39.1	20.7 V	691
1994 AT ₈	1994 01 13.32287	08 03 40.79	+19 39 00.2		691	1994 AZ ₈	1994 01 21.36284	08 02 39.09	+20 03 38.1	19.5 V	691
1994 AT ₈	1994 01 18.28073	07 58 13.95	+20 04 03.2		691	1994 AZ ₈	1994 01 21.37967	08 02 38.17	+20 03 42.3		691
1994 AT ₈	1994 01 18.30779	07 58 12.10	+20 04 11.5	20.2 V	691	1994 AA ₉	* 1994 01 08.24306	08 14 15.89	+18 57 53.2	18.0 V	691
1994 AT ₈	1994 01 18.33468	07 58 10.24	+20 04 19.2		691	1994 AA ₉	1994 01 08.27673	08 14 14.11	+18 58 00.4		691
1994 AT ₈	1994 01 19.18857	07 57 13.85	+20 08 35.5	20.4 V	691	1994 AA ₉	1994 01 08.31093	08 14 12.42	+18 58 07.5		691
1994 AT ₈	1994 01 19.19724	07 57 13.24	+20 08 38.5		691	1994 AA ₉	1994 01 13.25786	08 09 56.37	+19 15 48.0	17.7 V	691
1994 AT ₈	1994 01 19.20577	07 57 12.72	+20 08 40.7		691	1994 AA ₉	1994 01 13.29255	08 09 54.52	+19 15 55.6		691
1994 AT ₈	1994 01 19.40706	07 56 59.01	+20 09 40.8		691	1994 AA ₉	1994 01 13.32716	08 09 52.58	+19 16 03.1		691
1994 AT ₈	1994 01 19.41553	07 56 58.45	+20 09 43.0	20.4 V	691	1994 AA ₉	1994 01 18.35854	08 05 22.98	+19 34 14.7		691
1994 AT ₈	1994 01 19.42414	07 56 57.86	+20 09 46.1		691	1994 AA ₉	1994 01 18.38897	08 05 21.30	+19 34 21.4	17.1 V	691
1994 AU ₈	* 1994 01 08.23963	08 09 19.10	+19 07 17.0	19.3 V	691	1994 AA ₉	1994 01 18.42014	08 05 19.55	+19 34 27.8		691
1994 AU ₈	1994 01 08.27331	08 09 17.11	+19 07 24.1		691	1994 AB ₉	* 1994 01 08.24310	08 14 19.12	+19 10 15.4		691
1994 AU ₈	1994 01 08.30749	08 09 15.21	+19 07 25.8		691	1994 AB ₉	1994 01 08.27677	08 14 17.01	+19 10 26.0		691
1994 AU ₈	1994 01 13.25409	08 04 29.69	+19 18 11.6		691	1994 AB ₉	1994 01 08.31095	08 14 14.96	+19 10 36.4	20.1 V	691
1994 AU ₈	1994 01 13.28878	08 04 27.57	+19 18 16.9		691	1994 AB ₉	1994 01 13.25733	08 09 10.50	+19 36 16.3		691
1994 AU ₈	1994 01 13.32338	08 04 25.45	+19 18 21.2	19.3 V	691	1994 AB ₉	1994 01 13.29202	08 09 08.24	+19 36 27.0	19.7 V	691
1994 AV ₈	* 1994 01 08.24051	08 10 34.66	+18 56 19.3		691	1994 AB ₉	1994 01 13.32662	08 09 05.94	+19 36 37.7		691
1994 AV ₈	1994 01 08.27418	08 10 32.55	+18 56 30.9		691	1994 AB ₉	1994 01 19.20114	08 02 51.18	+20 07 07.2	19.4 V	691
1994 AV ₈	1994 01 08.30836	08 10 30.44	+18 56 42.7	21.1 V	691	1994 AB ₉	1994 01 19.20967	08 02 50.63	+20 07 10.0		691
1994 AV ₈	1994 01 13.25473	08 05 25.60	+19 25 07.1		691	1994 AB ₉	1994 01 19.41096	08 02 37.16	+20 08 11.7	19.6 V	691
1994 AV ₈	1994 01 13.28942	08 05 23.32	+19 25 19.4		691	1994 AB ₉	1994 01 19.41944	08 02 36.62	+20 08 14.2		691
1994 AV ₈	1994 01 13.32402	08 05 21.04	+19 25 32.1	20.5 V	691	1994 AB ₉	1994 01 19.42804	08 02 35.99	+20 08 16.3		691
1994 AV ₈	1994 01 18.28202	08 00 06.04	+19 54 04.2	20.4 V	691	1994 AB ₉	1994 01 21.36139	08 00 33.37	+20 18 04.5	19.6 V	691
1994 AV ₈	1994 01 18.30909	08 00 04.24	+19 54 13.4		691	1994 AB ₉	1994 01 21.36983	08 00 32.78	+20 18 06.9		691
1994 AV ₈	1994 01 18.33598	08 00 02.42	+19 54 23.3		691	1994 AB ₉	1994 01 21.37821	08 00 32.25	+20 18 09.2		691
1994 AV ₈	1994 01 19.40838	07 58 54.02	+20 00 28.5	20.6 V	691	1994 AC ₉	* 1994 01 08.24353	08 14 56.33	+19 01 36.2		691
1994 AV ₈	1994 01 19.41686	07 58 53.47	+20 00 31.6		691	1994 AC ₉	1994 01 08.27720	08 14 54.59	+19 01 42.4	20.9 V	691
1994 AV ₈	1994 01 19.42547	07 58 52.89	+20 00 34.0		691	1994 AC ₉	1994 01 08.31139	08 14 52.94	+19 01 48.6		691
1994 AW ₈	* 1994 01 08.24127	08 11 40.98	+19 15 25.8		691	1994 AC ₉	1994 01 13.25841	08 10 43.93	+19 17 05.9	20.5 V	691
1994 AW ₈	1994 01 08.27495	08 11 39.26	+19 15 30.8		691	1994 AC ₉	1994 01 13.29310	08 10 42.15	+19 17 11.3		691
1994 AW ₈	1994 01 08.30914	08 11 37.55	+19 15 36.3	21.0 V	691	1994 AC ₉	1994 01 13.32771	08 10 40.30	+19 17 18.1		691
1994 AW ₈	1994 01 18.35684	08 02 56.10	+19 40 32.4		691	1994 AC ₉	1994 01 18.35919	08 06 19.68	+19 32 56.2		691
1994 AW ₈	1994 01 18.38727	08 02 54.50	+19 40 36.3	20.5 V	691	1994 AC ₉	1994 01 18.38962	08 06 18.08	+19 33 01.9	19.4 V	691
1994 AW ₈	1994 01 18.41844	08 02 52.82	+19 40 41.7		691	1994 AC ₉	1994 01 18.42079	08 06 16.38	+19 33 07.9		691
1994 AX ₈	* 1994 01 08.24257	08 13 33.75	+18 53 01.1		691	1994 AD ₉	* 1994 01 08.24413	08 15 48.77	+19 11 26.1		691
1994 AX ₈	1994 01 08.27625	08 13 32.12	+18 53 06.7		691	1994 AD ₉	1994 01 08.27780	08 15 46.72	+19 11 35.9	21.3 V	691
1994 AX ₈	1994 01 08.31044	08 13 30.59	+18 53 11.8	20.5 V	691	1994 AD ₉	1994 01 08.31199	08 15 44.76	+19 11 46.7		691
1994 AX ₈	1994 01 18.35856	08 05 25.41	+19 22 11.1		691	1994 AD ₉	1994 01 13.25851	08 10 52.51	+19 37 02.1		691
1994 AX ₈	1994 01 18.38900	08 05 23.88	+19 22 17.1		691	1994 AD ₉	1994 01 13.32780	08 10 48.18	+19 37 23.3	20.6 V	691
1994 AX ₈	1994 01 18.42017	08 05 22.28	+19 22 22.0	20.0 V	691	1994 AD ₉	1994 01 20.38395	08 03 29.35	+20 13 53.3	20.8 V	691
1994 AY ₈	* 1994 01 08.24266	08 13 41.48	+18 56 43.8	20.4 V	691	1994 AD ₉	1994 01 20.40106	08 03 28.27	+20 13 57.5		691
1994 AY ₈	1994 01 08.27634	08 13 39.67	+18 56 51.3		691	1994 AD ₉	1994 01 21.36271	08 02 27.81	+20 18 54.4	20.4 V	691
1994 AY ₈	1994 01 08.31053	08 13 37.89	+18 57 00.0		691	1994 AD ₉	1994 01 21.37115	08 02 27.27	+20 18 56.6		691
1994 AY ₈	1994 01 13.25735	08 09 11.83	+19 17 07.5		691	1994 AD ₉	1994 01 21.37953	08 02 26.74	+20 18 58.8		691
1994 AY ₈	1994 01 13.29204	08 09 09.85	+19 17 16.4		691	1994 AE ₉	* 1994 01 08.24434	08 16 06.97	+19 19 58.7	20.0 V	691
1994 AY ₈	1994 01 13.32664	08 09 07.82	+19 17 24.9	20.3 V	691	1994 AE ₉	1994 01 08.27801	08 16 04.91	+19 20 04.9		691
1994 AY ₈	1994 01 18.35787	08 04 25.70	+19 38 13.6	19.6 V	691	1994 AE ₉	1994 01 08.31220	08 16 02.90	+19 20 10.2		691

1994 AE ₉	1994 01 13.25859	08 10 59.41	+19 33 45.4		691	1994 AN ₉	1994 01 21.27696	08 15 12.13	+25 15 10.1		691
1994 AE ₉	1994 01 13.29327	08 10 57.09	+19 33 51.1		691	1994 AN ₉	1994 01 21.31316	08 15 10.12	+25 15 34.1	17.0 V	691
1994 AE ₉	1994 01 13.32788	08 10 54.86	+19 33 56.5	19.7 V	691	1994 AN ₉	1994 01 21.34849	08 15 08.12	+25 15 57.3		691
1994 AE ₉	1994 01 21.36265	08 02 22.57	+19 55 53.0		691	1994 AO ₉	* 1994 01 08.33271	08 32 24.76	+22 38 33.3		691
1994 AE ₉	1994 01 21.37109	08 02 21.98	+19 55 54.3	19.7 V	691	1994 AO ₉	1994 01 08.36745	08 32 22.64	+22 38 29.3		691
1994 AE ₉	1994 01 21.37947	08 02 21.46	+19 55 55.7		691	1994 AO ₉	1994 01 08.40294	08 32 20.18	+22 38 23.8	20.0 V	691
1994 AF ₉	* 1994 01 08.24498	08 17 02.44	+19 14 32.4		691	1994 AO ₉	1994 01 19.35411	08 20 17.39	+22 08 49.7	20.0 V	691
1994 AF ₉	1994 01 08.27865	08 17 00.33	+19 14 35.0	21.0 V	691	1994 AO ₉	1994 01 19.38526	08 20 15.22	+22 08 44.1		691
1994 AF ₉	1994 01 08.31284	08 16 58.21	+19 14 38.3		691	1994 AP ₉	* 1994 01 08.44235	08 49 30.64	+20 55 23.0		691
1994 AF ₉	1994 01 13.25913	08 11 46.00	+19 22 31.5		691	1994 AP ₉	1994 01 08.47606	08 49 28.80	+20 55 31.1	18.6 V	691
1994 AF ₉	1994 01 13.29381	08 11 43.68	+19 22 35.1	20.7 V	691	1994 AP ₉	1994 01 08.51017	08 49 26.92	+20 55 39.0		691
1994 AF ₉	1994 01 13.32842	08 11 41.36	+19 22 38.6		691	1994 AP ₉	1994 01 16.30756	08 41 56.16	+21 28 59.2	18.6 V	691
1994 AG ₉	* 1994 01 08.24513	08 17 14.99	+18 52 55.5	20.8 V	691	1994 AP ₉	1994 01 16.34220	08 41 53.88	+21 29 08.4		691
1994 AG ₉	1994 01 08.27881	08 17 13.43	+18 53 09.9		691	1994 AQ ₉	* 1994 01 08.44266	08 49 57.43	+20 45 26.2	20.5 V	691
1994 AG ₉	1994 01 08.31300	08 17 11.89	+18 53 24.0		691	1994 AQ ₉	1994 01 08.47638	08 49 55.75	+20 45 33.1		691
1994 AG ₉	1994 01 21.36555	08 06 34.30	+20 25 08.3		691	1994 AQ ₉	1994 01 08.51048	08 49 54.10	+20 45 40.7		691
1994 AG ₉	1994 01 21.37399	08 06 33.83	+20 25 12.9	19.7 V	691	1994 AQ ₉	1994 01 11.36713	08 47 36.22	+20 56 13.2		691
1994 AG ₉	1994 01 21.38238	08 06 33.39	+20 25 15.7		691	1994 AQ ₉	1994 01 11.40325	08 47 34.26	+20 56 21.1		691
1994 AH ₉	* 1994 01 08.24542	08 17 40.61	+19 06 28.2	20.8 V	691	1994 AQ ₉	1994 01 11.43957	08 47 32.45	+20 56 28.3	20.0 V	691
1994 AH ₉	1994 01 08.27909	08 17 38.24	+19 06 38.5		691	1994 AR ₉	1994 01 07.42000	08 54 16.04	+20 43 44.7	20.0 V	691
1994 AH ₉	1994 01 08.31328	08 17 35.96	+19 06 49.5		691	1994 AR ₉	1994 01 07.46132	08 54 14.26	+20 43 53.2		691
1994 AH ₉	1994 01 21.36253	08 02 12.92	+20 14 23.9	20.5 V	691	1994 AR ₉	* 1994 01 08.44514	08 53 32.81	+20 47 22.7		691
1994 AH ₉	1994 01 21.37097	08 02 12.27	+20 14 26.5		691	1994 AR ₉	1994 01 08.47886	08 53 31.22	+20 47 28.5	20.1 V	691
1994 AH ₉	1994 01 21.37936	08 02 11.65	+20 14 29.7		691	1994 AR ₉	1994 01 08.51297	08 53 29.74	+20 47 36.1		691
1994 AJ ₉	* 1994 01 08.24655	08 19 18.58	+19 01 17.6		691	1994 AR ₉	1994 01 11.36975	08 51 23.25	+20 57 52.0	19.5 V	691
1994 AJ ₉	1994 01 08.28023	08 19 16.70	+19 01 27.3	20.5 V	691	1994 AR ₉	1994 01 11.40587	08 51 21.59	+20 58 00.1		691
1994 AJ ₉	1994 01 08.31442	08 19 15.07	+19 01 40.4		691	1994 AR ₉	1994 01 11.44219	08 51 19.84	+20 58 07.3		691
1994 AJ ₉	1994 01 21.36593	08 07 07.25	+20 15 41.0		691	1994 AR ₉	1994 01 16.27542	08 47 28.17	+21 15 50.0	20.4 V	691
1994 AJ ₉	1994 01 21.37437	08 07 06.73	+20 15 45.2	20.4 V	691	1994 AR ₉	1994 01 16.31137	08 47 26.34	+21 15 58.5		691
1994 AJ ₉	1994 01 21.38276	08 07 06.21	+20 15 48.6		691	1994 AR ₉	1994 01 16.34602	08 47 24.50	+21 16 05.8		691
1994 AK ₉	* 1994 01 08.24757	08 20 46.93	+19 00 11.3		691	1994 AS ₉	* 1994 01 08.44527	08 53 43.37	+21 13 48.0		691
1994 AK ₉	1994 01 08.28125	08 20 45.19	+19 00 17.1	19.5 V	691	1994 AS ₉	1994 01 08.47898	08 53 41.55	+21 13 55.8		691
1994 AK ₉	1994 01 08.31544	08 20 43.43	+19 00 22.0		691	1994 AS ₉	1994 01 08.51308	08 53 39.67	+21 14 04.0	20.2 V	691
1994 AK ₉	1994 01 18.36317	08 12 04.09	+19 27 34.6	18.8 V	691	1994 AS ₉	1994 01 17.37375	08 45 06.58	+21 51 28.4	20.0 V	691
1994 AK ₉	1994 01 18.42477	08 12 00.68	+19 27 44.3		691	1994 AS ₉	1994 01 17.41300	08 45 04.02	+21 51 38.3		691
1994 AL ₉	* 1994 01 08.24851	08 22 08.08	+18 53 00.4		691	1994 AT ₉	* 1994 01 08.44527	08 53 43.48	+21 07 17.9	19.6 V	691
1994 AL ₉	1994 01 08.28219	08 22 06.46	+18 53 04.9		691	1994 AT ₉	1994 01 08.47899	08 53 41.93	+21 07 25.9		691
1994 AL ₉	1994 01 08.31638	08 22 04.75	+18 53 10.8	20.5 V	691	1994 AT ₉	1994 01 08.51309	08 53 40.35	+21 07 33.8		691
1994 AL ₉	1994 01 18.36438	08 13 49.38	+19 20 20.4		691	1994 AT ₉	1994 01 11.36981	08 51 28.09	+21 19 40.6	18.9 V	691
1994 AL ₉	1994 01 18.39482	08 13 47.73	+19 20 25.3		691	1994 AT ₉	1994 01 11.40593	08 51 26.34	+21 19 49.6		691
1994 AL ₉	1994 01 18.42599	08 13 46.11	+19 20 30.9	20.1 V	691	1994 AT ₉	1994 01 11.44225	08 51 24.44	+21 19 58.3		691
1994 AM ₉	* 1994 01 08.26912	08 03 14.31	+19 07 31.9	20.6 V	691	1994 AT ₉	1994 01 17.37450	08 46 11.40	+21 45 55.2		691
1994 AM ₉	1994 01 08.30331	08 03 12.52	+19 07 44.1		691	1994 AT ₉	1994 01 17.41375	08 46 09.08	+21 46 05.7		691
1994 AM ₉	1994 01 13.25024	07 58 56.84	+19 37 10.7	20.2 V	691	1994 AT ₉	1994 01 17.44831	08 46 06.97	+21 46 13.9	19.4 V	691
1994 AM ₉	1994 01 13.28494	07 58 54.99	+19 37 23.1		691	1994 AU ₉	* 1994 01 08.44554	08 54 07.32	+20 55 49.8		691
1994 AM ₉	1994 01 13.31954	07 58 53.06	+19 37 35.4		691	1994 AU ₉	1994 01 08.47926	08 54 05.89	+20 56 04.7	20.6 V	691
1994 AM ₉	1994 01 18.27816	07 54 31.26	+20 07 05.6		691	1994 AU ₉	1994 01 08.51337	08 54 04.44	+20 56 20.0		691
1994 AM ₉	1994 01 18.30522	07 54 29.77	+20 07 15.2		691	1994 AU ₉	1994 01 17.37516	08 47 08.75	+22 05 30.9		691
1994 AM ₉	1994 01 18.33212	07 54 28.29	+20 07 24.4	20.1 V	691	1994 AU ₉	1994 01 17.41441	08 47 06.66	+22 05 48.2	20.4 V	691
1994 AN ₉	* 1994 01 08.32862	08 26 31.16	+22 49 04.3	17.1 V	691	1994 AU ₉	1994 01 17.44897	08 47 04.72	+22 06 04.7		691
1994 AN ₉	1994 01 08.36337	08 26 29.31	+22 49 28.9		691	1994 AV ₉	* 1994 01 08.44638	08 55 19.94	+20 48 34.7	20.5 V	691
1994 AN ₉	1994 01 08.39887	08 26 27.68	+22 49 52.0		691	1994 AV ₉	1994 01 08.48010	08 55 18.13	+20 48 37.5		691

1994 AV ₉	1994 01 08.51420	08 55 16.27	+20 48 40.5		691	1994 AC ₁₀	1994 01 08.48425	09 01 17.57	+21 13 04.7		691
1994 AV ₉	1994 01 11.37066	08 52 41.69	+20 53 04.2		691	1994 AC ₁₀	1994 01 08.51835	09 01 15.85	+21 13 15.3		691
1994 AV ₉	1994 01 11.40677	08 52 39.72	+20 53 08.8	19.7 V	691	1994 AC ₁₀	1994 01 17.37926	08 53 03.29	+22 01 33.1	19.0 V	691
1994 AV ₉	1994 01 11.44309	08 52 37.54	+20 53 11.4		691	1994 AC ₁₀	1994 01 17.41850	08 53 00.81	+22 01 45.6		691
1994 AW ₉	* 1994 01 08.44664	08 55 42.56	+21 08 08.4	20.0 V	691	1994 AC ₁₀	1994 01 17.45306	08 52 58.68	+22 01 56.9		691
1994 AW ₉	1994 01 08.48036	08 55 40.75	+21 08 16.2		691	1994 AD ₁₀	* 1994 01 08.45072	09 01 35.78	+21 07 16.0		691
1994 AW ₉	1994 01 08.51446	08 55 38.95	+21 08 24.1		691	1994 AD ₁₀	1994 01 08.51854	09 01 32.50	+21 07 40.9	20.7 V	691
1994 AW ₉	1994 01 11.37094	08 53 05.94	+21 20 23.0	19.4 V	691	1994 AD ₁₀	1994 01 17.37970	08 53 41.63	+22 04 00.4	20.0 V	691
1994 AW ₉	1994 01 11.40705	08 53 03.91	+21 20 32.9		691	1994 AD ₁₀	1994 01 17.41895	08 53 39.18	+22 04 15.5		691
1994 AW ₉	1994 01 11.44337	08 53 01.77	+21 20 41.0		691	1994 AD ₁₀	1994 01 17.45350	08 53 37.08	+22 04 28.3		691
1994 AW ₉	1994 01 17.37513	08 47 05.51	+21 46 19.6	19.5 V	691	1994 AE ₁₀	* 1994 01 08.45091	09 01 52.33	+21 12 24.2	20.1 V	691
1994 AW ₉	1994 01 17.41437	08 47 02.93	+21 46 29.8		691	1994 AE ₁₀	1994 01 08.48463	09 01 50.85	+21 12 34.1		691
1994 AW ₉	1994 01 17.44892	08 47 00.57	+21 46 38.2		691	1994 AE ₁₀	1994 01 08.51874	09 01 49.36	+21 12 43.2		691
1994 AX ₉	* 1994 01 08.44680	08 55 56.34	+21 00 07.0		691	1994 AE ₁₀	1994 01 17.38038	08 54 40.32	+21 55 35.6		691
1994 AX ₉	1994 01 08.48052	08 55 54.73	+21 00 15.4	19.8 V	691	1994 AE ₁₀	1994 01 17.41963	08 54 38.10	+21 55 46.7	19.8 V	691
1994 AX ₉	1994 01 08.51462	08 55 53.08	+21 00 23.5		691	1994 AE ₁₀	1994 01 17.45419	08 54 36.22	+21 55 57.1		691
1994 AX ₉	1994 01 16.27668	08 49 17.41	+21 33 21.1		691	1994 AF ₁₀	* 1994 01 08.45098	09 01 58.62	+20 53 55.7		691
1994 AX ₉	1994 01 16.31263	08 49 15.39	+21 33 30.1	19.7 V	691	1994 AF ₁₀	1994 01 08.48470	09 01 56.98	+20 54 02.3	18.7 V	691
1994 AX ₉	1994 01 16.34727	08 49 13.43	+21 33 39.5		691	1994 AF ₁₀	1994 01 08.51881	09 01 55.50	+20 54 10.6		691
1994 AY ₉	* 1994 01 08.44758	08 57 03.51	+20 56 46.6	19.7 V	691	1994 AF ₁₀	1994 01 11.37559	08 59 49.35	+21 05 24.6	18.1 V	691
1994 AY ₉	1994 01 08.48129	08 57 01.73	+20 56 54.6		691	1994 AF ₁₀	1994 01 11.41172	08 59 47.71	+21 05 33.4		691
1994 AY ₉	1994 01 08.51540	08 57 00.02	+20 57 02.7		691	1994 AF ₁₀	1994 01 11.44804	08 59 45.92	+21 05 41.5		691
1994 AY ₉	1994 01 11.37194	08 54 32.75	+21 08 47.4	18.9 V	691	1994 AF ₁₀	1994 01 16.28127	08 55 54.56	+21 25 03.9		691
1994 AY ₉	1994 01 11.40806	08 54 30.74	+21 08 56.4		691	1994 AF ₁₀	1994 01 16.31722	08 55 52.63	+21 25 13.0	19.3 V	691
1994 AY ₉	1994 01 11.44437	08 54 28.73	+21 09 04.9		691	1994 AF ₁₀	1994 01 16.35186	08 55 50.87	+21 25 21.2		691
1994 AY ₉	1994 01 16.27718	08 50 00.51	+21 29 07.1	19.8 V	691	1994 AG ₁₀	* 1994 01 08.45145	09 02 38.57	+20 50 52.7		691
1994 AY ₉	1994 01 16.31313	08 49 58.37	+21 29 16.2		691	1994 AG ₁₀	1994 01 08.48516	09 02 36.97	+20 50 59.5	19.3 V	691
1994 AY ₉	1994 01 16.34777	08 49 56.31	+21 29 25.0		691	1994 AG ₁₀	1994 01 08.51927	09 02 35.35	+20 51 06.3		691
1994 AZ ₉	* 1994 01 08.44787	08 57 28.74	+21 13 18.4	20.1 V	691	1994 AG ₁₀	1994 01 11.37594	09 00 19.33	+21 01 26.1	18.5 V	691
1994 AZ ₉	1994 01 08.48159	08 57 27.24	+21 13 25.7		691	1994 AG ₁₀	1994 01 11.41206	09 00 17.49	+21 01 34.2		691
1994 AZ ₉	1994 01 08.51570	08 57 25.78	+21 13 33.7		691	1994 AG ₁₀	1994 01 11.44838	09 00 15.51	+21 01 42.0		691
1994 AZ ₉	1994 01 17.37739	08 50 21.66	+21 48 21.7		691	1994 AG ₁₀	1994 01 16.28127	08 55 54.48	+21 19 58.8		691
1994 AZ ₉	1994 01 17.41664	08 50 19.58	+21 48 31.3		691	1994 AG ₁₀	1994 01 16.31722	08 55 52.23	+21 20 07.0	19.3 V	691
1994 AZ ₉	1994 01 17.45120	08 50 17.78	+21 48 38.7	20.0 V	691	1994 AG ₁₀	1994 01 16.35185	08 55 50.15	+21 20 15.2		691
1994 AA ₁₀	* 1994 01 08.44931	08 59 33.21	+21 08 19.8	19.6 V	691	1994 AH ₁₀	* 1994 01 08.45169	09 02 59.70	+21 01 07.7		691
1994 AA ₁₀	1994 01 08.48302	08 59 31.50	+21 08 24.5		691	1994 AH ₁₀	1994 01 08.48541	09 02 58.14	+21 01 11.2	20.6 V	691
1994 AA ₁₀	1994 01 08.51713	08 59 29.81	+21 08 28.3		691	1994 AH ₁₀	1994 01 08.51951	09 02 56.59	+21 01 14.9		691
1994 AA ₁₀	1994 01 11.37370	08 57 05.46	+21 15 22.8		691	1994 AH ₁₀	1994 01 11.37623	09 00 44.17	+21 06 25.9	19.8 V	691
1994 AA ₁₀	1994 01 11.40982	08 57 03.49	+21 15 27.9	18.8 V	691	1994 AH ₁₀	1994 01 11.41235	09 00 42.45	+21 06 29.7		691
1994 AA ₁₀	1994 01 11.44614	08 57 01.52	+21 15 33.1		691	1994 AH ₁₀	1994 01 11.44867	09 00 40.60	+21 06 33.4		691
1994 AA ₁₀	1994 01 16.27898	08 52 36.19	+21 27 23.0	19.8 V	691	1994 AH ₁₀	1994 01 16.28179	08 56 39.79	+21 15 28.4	21.2 V	691
1994 AA ₁₀	1994 01 16.31493	08 52 34.08	+21 27 28.6		691	1994 AH ₁₀	1994 01 16.31774	08 56 37.84	+21 15 32.3		691
1994 AA ₁₀	1994 01 16.34957	08 52 32.04	+21 27 33.7		691	1994 AH ₁₀	1994 01 16.35238	08 56 35.94	+21 15 36.6		691
1994 AB ₁₀	* 1994 01 08.45029	09 00 58.51	+21 05 37.8	20.3 V	691	1994 AJ ₁₀	* 1994 01 08.45229	09 03 51.96	+21 07 06.2	19.2 V	691
1994 AB ₁₀	1994 01 08.48401	09 00 56.93	+21 05 42.6		691	1994 AJ ₁₀	1994 01 08.48601	09 03 50.09	+21 07 02.1		691
1994 AB ₁₀	1994 01 08.51811	09 00 55.30	+21 05 47.0		691	1994 AJ ₁₀	1994 01 08.52011	09 03 48.24	+21 06 59.2		691
1994 AB ₁₀	1994 01 11.37481	08 58 41.25	+21 12 57.5		691	1994 AJ ₁₀	1994 01 11.37653	09 01 09.98	+21 01 46.2		691
1994 AB ₁₀	1994 01 11.41093	08 58 39.44	+21 13 03.8		691	1994 AJ ₁₀	1994 01 11.41264	09 01 07.90	+21 01 42.6	18.1 V	691
1994 AB ₁₀	1994 01 11.44725	08 58 37.63	+21 13 08.1	19.8 V	691	1994 AJ ₁₀	1994 01 11.44896	09 01 05.69	+21 01 38.2		691
1994 AB ₁₀	1994 01 16.28032	08 54 32.25	+21 25 26.5	20.8 V	691	1994 AK ₁₀	* 1994 01 08.45262	09 04 20.20	+21 07 13.6	19.5 V	691
1994 AB ₁₀	1994 01 16.31627	08 54 30.23	+21 25 32.0		691	1994 AK ₁₀	1994 01 08.48634	09 04 18.66	+21 07 21.3		691
1994 AC ₁₀	* 1994 01 08.45053	09 01 19.33	+21 12 54.5	19.0 V	691	1994 AK ₁₀	1994 01 08.52044	09 04 17.05	+21 07 28.2		691

1994 AK ₁₀	1994 01 11.41331	09 02 06.10	+21 18 44.0	18.8 V	691	1994 AR ₁₀	* 1994 01 08.45710	09 10 48.69	+21 07 09.1		691
1994 AK ₁₀	1994 01 11.44963	09 02 04.32	+21 18 52.8		691	1994 AR ₁₀	1994 01 08.49082	09 10 47.00	+21 07 15.6	18.7 V	691
1994 AK ₁₀	1994 01 16.28280	08 58 07.66	+21 37 55.2		691	1994 AR ₁₀	1994 01 08.52493	09 10 45.29	+21 07 22.1		691
1994 AK ₁₀	1994 01 16.31876	08 58 05.69	+21 38 03.6	19.6 V	691	1994 AR ₁₀	1994 01 11.38151	09 08 21.84	+21 17 08.4	18.1 V	691
1994 AK ₁₀	1994 01 16.35340	08 58 03.93	+21 38 11.9		691	1994 AR ₁₀	1994 01 11.41763	09 08 19.92	+21 17 16.0		691
1994 AL ₁₀	* 1994 01 08.45474	09 07 23.63	+20 47 01.8		691	1994 AR ₁₀	1994 01 11.45395	09 08 17.86	+21 17 23.1		691
1994 AL ₁₀	1994 01 08.48846	09 07 22.21	+20 47 16.0		691	1994 AR ₁₀	1994 01 16.28675	09 03 49.55	+21 34 15.4	18.7 V	691
1994 AL ₁₀	1994 01 08.52257	09 07 20.79	+20 47 30.4	18.2 V	691	1994 AR ₁₀	1994 01 16.32270	09 03 47.26	+21 34 23.1		691
1994 AL ₁₀	1994 01 16.28503	09 01 20.24	+21 46 02.7		691	1994 AR ₁₀	1994 01 16.35734	09 03 45.26	+21 34 30.3		691
1994 AL ₁₀	1994 01 16.32098	09 01 18.14	+21 46 19.8		691	1994 AS ₁₀	* 1994 01 08.45775	09 11 45.02	+21 00 04.8	19.5 V	691
1994 AL ₁₀	1994 01 16.35562	09 01 16.29	+21 46 35.9	18.0 V	691	1994 AS ₁₀	1994 01 08.49147	09 11 43.23	+21 00 02.6		691
1994 AL ₁₀	1994 01 17.38431	09 00 20.79	+21 54 40.2		691	1994 AS ₁₀	1994 01 08.52558	09 11 41.46	+21 00 00.7		691
1994 AL ₁₀	1994 01 17.42356	09 00 18.59	+21 54 58.6	17.7 V	691	1994 AS ₁₀	1994 01 11.38209	09 09 11.86	+20 57 28.4		691
1994 AL ₁₀	1994 01 17.45812	09 00 16.64	+21 55 14.7		691	1994 AS ₁₀	1994 01 11.41821	09 09 09.88	+20 57 25.7	18.5 V	691
1994 AM ₁₀	* 1994 01 08.45509	09 07 54.58	+20 58 23.7	21.2 V	691	1994 AS ₁₀	1994 01 11.45452	09 09 07.76	+20 57 23.5		691
1994 AM ₁₀	1994 01 08.48882	09 07 53.20	+20 58 31.7		691	1994 AT ₁₀	* 1994 01 08.45884	09 13 19.08	+20 48 05.6	20.2 V	691
1994 AM ₁₀	1994 01 08.52292	09 07 51.90	+20 58 41.9		691	1994 AT ₁₀	1994 01 08.49256	09 13 17.84	+20 48 17.4		691
1994 AM ₁₀	1994 01 16.28572	09 02 20.01	+21 34 50.0		691	1994 AT ₁₀	1994 01 08.52667	09 13 16.45	+20 48 28.5		691
1994 AM ₁₀	1994 01 16.32167	09 02 18.19	+21 34 58.3	21.4 V	691	1994 AT ₁₀	1994 01 11.38357	09 11 20.37	+21 05 48.0	20.1 V	691
1994 AM ₁₀	1994 01 16.35631	09 02 16.54	+21 35 08.8		691	1994 AT ₁₀	1994 01 11.41970	09 11 18.83	+21 06 01.2		691
1994 AN ₁₀	* 1994 01 08.45516	09 08 00.67	+20 46 08.8		691	1994 AT ₁₀	1994 01 11.45602	09 11 17.14	+21 06 14.1		691
1994 AN ₁₀	1994 01 08.48888	09 07 58.95	+20 46 22.1	20.9 V	691	1994 AU ₁₀	* 1994 01 08.46030	09 15 25.69	+20 58 08.3	19.0 V	691
1994 AN ₁₀	1994 01 11.37951	09 05 28.40	+21 05 49.2	19.7 V	691	1994 AU ₁₀	1994 01 08.49402	09 15 24.04	+20 58 14.4		691
1994 AN ₁₀	1994 01 11.41563	09 05 26.37	+21 06 04.3		691	1994 AU ₁₀	1994 01 08.52813	09 15 22.42	+20 58 20.5		691
1994 AN ₁₀	1994 01 11.45194	09 05 24.27	+21 06 19.3		691	1994 AU ₁₀	1994 01 11.38477	09 13 04.17	+21 07 20.8		691
1994 AN ₁₀	1994 01 16.28465	09 00 47.51	+21 39 39.9		691	1994 AU ₁₀	1994 01 11.42089	09 13 02.29	+21 07 28.1	18.3 V	691
1994 AN ₁₀	1994 01 16.32060	09 00 45.19	+21 39 54.3		691	1994 AU ₁₀	1994 01 11.45721	09 13 00.38	+21 07 35.1		691
1994 AN ₁₀	1994 01 16.35523	09 00 43.10	+21 40 08.6	20.5 V	691	1994 AV ₁₀	* 1994 01 08.46048	09 15 41.14	+20 52 53.3	18.9 V	691
1994 AO ₁₀	* 1994 01 08.45551	09 08 30.62	+21 13 36.9	20.4 V	691	1994 AV ₁₀	1994 01 08.49420	09 15 39.34	+20 52 58.6		691
1994 AO ₁₀	1994 01 08.48923	09 08 29.22	+21 13 48.2		691	1994 AV ₁₀	1994 01 08.52830	09 15 37.58	+20 53 04.1		691
1994 AO ₁₀	1994 01 08.52334	09 08 27.89	+21 14 01.3		691	1994 AV ₁₀	1994 01 11.38481	09 13 07.56	+21 01 10.6	17.8 V	691
1994 AO ₁₀	1994 01 17.38538	09 01 53.09	+22 08 36.8	19.9 V	691	1994 AV ₁₀	1994 01 11.42093	09 13 05.50	+21 01 17.0		691
1994 AO ₁₀	1994 01 17.42463	09 01 51.16	+22 08 51.1		691	1994 AV ₁₀	1994 01 11.45724	09 13 03.42	+21 01 23.3		691
1994 AO ₁₀	1994 01 17.45919	09 01 49.37	+22 09 03.6		691	1994 AV ₁₀	1994 01 16.28985	09 08 18.20	+21 15 39.3	18.2 V	691
1994 AP ₁₀	* 1994 01 08.45663	09 10 07.88	+20 51 22.6		691	1994 AV ₁₀	1994 01 16.32580	09 08 15.58	+21 15 41.5		691
1994 AP ₁₀	1994 01 08.49036	09 10 06.69	+20 51 34.6	19.5 V	691	1994 AV ₁₀	1994 01 16.36043	09 08 13.44	+21 15 51.3		691
1994 AP ₁₀	1994 01 08.52447	09 10 05.51	+20 51 47.1		691	1994 AW ₁₀	* 1994 01 08.46051	09 15 43.71	+21 06 20.0	17.7 V	691
1994 AP ₁₀	1994 01 11.38156	09 08 25.90	+21 09 26.7		691	1994 AW ₁₀	1994 01 08.49423	09 15 42.06	+21 06 22.6		691
1994 AP ₁₀	1994 01 11.41768	09 08 24.57	+21 09 40.6	18.6 V	691	1994 AW ₁₀	1994 01 08.52833	09 15 40.44	+21 06 25.1		691
1994 AP ₁₀	1994 01 11.45401	09 08 23.13	+21 09 54.0		691	1994 AW ₁₀	1994 01 11.38499	09 13 23.01	+21 10 31.5		691
1994 AP ₁₀	1994 01 16.28776	09 05 16.58	+21 40 25.0	19.0 V	691	1994 AW ₁₀	1994 01 11.42111	09 13 21.13	+21 10 34.7	17.1 V	691
1994 AP ₁₀	1994 01 16.32371	09 05 15.14	+21 40 39.3		691	1994 AW ₁₀	1994 01 11.45743	09 13 19.21	+21 10 37.9		691
1994 AP ₁₀	1994 01 16.35836	09 05 13.62	+21 40 52.0		691	1994 AX ₁₀	* 1994 01 08.46077	09 16 06.09	+20 57 48.6	19.8 V	691
1994 AQ ₁₀	* 1994 01 08.45708	09 10 46.99	+21 05 37.7		691	1994 AX ₁₀	1994 01 08.49449	09 16 04.40	+20 57 55.7		691
1994 AQ ₁₀	1994 01 08.49080	09 10 45.44	+21 05 45.6	20.2 V	691	1994 AX ₁₀	1994 01 08.52859	09 16 02.70	+20 58 02.8		691
1994 AQ ₁₀	1994 01 08.52491	09 10 43.86	+21 05 53.1		691	1994 AX ₁₀	1994 01 11.38517	09 13 39.00	+21 08 24.8	19.3 V	691
1994 AQ ₁₀	1994 01 11.38163	09 08 32.27	+21 17 16.2	19.9 V	691	1994 AX ₁₀	1994 01 11.42129	09 13 37.15	+21 08 33.1		691
1994 AQ ₁₀	1994 01 11.41775	09 08 30.50	+21 17 24.9		691	1994 AX ₁₀	1994 01 11.45761	09 13 35.07	+21 08 41.0		691
1994 AQ ₁₀	1994 01 11.45407	09 08 28.63	+21 17 33.7		691	1994 AX ₁₀	1994 01 16.29036	09 09 02.46	+21 26 46.5	19.8 V	691
1994 AQ ₁₀	1994 01 16.28714	09 04 23.22	+21 37 16.4	20.3 V	691	1994 AX ₁₀	1994 01 16.32631	09 09 00.22	+21 26 54.6		691
1994 AQ ₁₀	1994 01 16.32309	09 04 21.13	+21 37 25.7		691	1994 AX ₁₀	1994 01 16.36095	09 08 58.04	+21 27 02.2		691
1994 AQ ₁₀	1994 01 16.35773	09 04 19.30	+21 37 34.1		691	1994 AY ₁₀	* 1994 01 08.46121	09 16 43.95	+20 45 56.2		691

1994 AY ₁₀	1994 01 08.49493	09 16 42.31	+20 46 05.7	19.7 V	691	1994 AE ₁₁	1994 01 16.37164	09 24 24.27	+21 46 29.2	691
1994 AY ₁₀	1994 01 08.52903	09 16 40.68	+20 46 15.3		691	1994 AF ₁₁	* 1994 01 08.47972	08 54 45.64	+20 56 30.9	20.8 V 691
1994 AY ₁₀	1994 01 11.38566	09 14 21.45	+21 00 11.1	18.9 V	691	1994 AF ₁₁	1994 01 08.51383	08 54 44.01	+20 56 38.4	691
1994 AY ₁₀	1994 01 11.42178	09 14 19.55	+21 00 21.7		691	1994 AF ₁₁	1994 01 16.27598	08 48 16.45	+21 26 23.4	691
1994 AY ₁₀	1994 01 11.45810	09 14 17.66	+21 00 32.7		691	1994 AF ₁₁	1994 01 16.31193	08 48 14.42	+21 26 31.6	20.9 V 691
1994 AY ₁₀	1994 01 16.29097	09 09 54.87	+21 24 58.4	19.5 V	691	1994 AF ₁₁	1994 01 16.34657	08 48 12.50	+21 26 40.3	691
1994 AY ₁₀	1994 01 16.32692	09 09 52.76	+21 25 09.7		691	1994 AG ₁₁	* 1994 01 08.50194	09 26 49.61	+20 47 43.4	19.9 V 691
1994 AY ₁₀	1994 01 16.36156	09 09 50.66	+21 25 19.6		691	1994 AG ₁₁	1994 01 08.53605	09 26 48.48	+20 47 59.4	691
1994 AZ ₁₀	* 1994 01 08.46443	09 21 22.79	+20 56 51.2		691	1994 AG ₁₁	1994 01 11.39315	09 25 09.54	+21 10 26.9	19.9 V 691
1994 AZ ₁₀	1994 01 08.49815	09 21 21.42	+20 57 00.2	20.5 V	691	1994 AG ₁₁	1994 01 11.42927	09 25 08.25	+21 10 43.5	691
1994 AZ ₁₀	1994 01 08.53226	09 21 20.00	+20 57 10.0		691	1994 AG ₁₁	1994 01 11.46559	09 25 06.67	+21 11 01.5	691
1994 AZ ₁₀	1994 01 11.38910	09 19 19.23	+21 10 14.1	19.5 V	691	1994 AH ₁₁	* 1994 01 09.23437	08 10 40.14	+18 32 40.0	691
1994 AZ ₁₀	1994 01 11.42522	09 19 17.53	+21 10 23.9		691	1994 AH ₁₁	1994 01 09.26763	08 10 38.02	+18 32 55.0	19.6 V 691
1994 AZ ₁₀	1994 01 11.46154	09 19 15.91	+21 10 34.5		691	1994 AH ₁₁	1994 01 09.30197	08 10 35.81	+18 33 10.1	691
1994 AZ ₁₀	1994 01 16.29481	09 15 28.01	+21 33 27.0	20.3 V	691	1994 AH ₁₁	1994 01 18.35575	08 01 05.52	+19 39 50.5	18.5 V 691
1994 AZ ₁₀	1994 01 16.33077	09 15 26.17	+21 33 37.1		691	1994 AH ₁₁	1994 01 18.38619	08 01 03.48	+19 40 03.6	691
1994 AZ ₁₀	1994 01 16.36541	09 15 24.40	+21 33 47.1		691	1994 AH ₁₁	1994 01 18.41737	08 01 01.37	+19 40 17.0	691
1994 AA ₁₁	* 1994 01 08.46462	09 21 39.26	+20 51 49.9		691	1994 AJ ₁₁	* 1994 01 09.23820	08 16 11.32	+18 24 47.2	19.8 V 691
1994 AA ₁₁	1994 01 08.49834	09 21 37.86	+20 51 58.2		691	1994 AJ ₁₁	1994 01 09.27145	08 16 08.82	+18 25 29.5	691
1994 AA ₁₁	1994 01 08.53244	09 21 36.42	+20 52 06.8	20.7 V	691	1994 AJ ₁₁	1994 01 09.30578	08 16 06.21	+18 26 12.0	691
1994 AA ₁₁	1994 01 11.38929	09 19 35.11	+21 04 23.4	19.9 V	691	1994 AJ ₁₁	1994 01 19.31096	08 03 15.90	+21 56 33.7	18.1 V 691
1994 AA ₁₁	1994 01 11.42541	09 19 33.37	+21 04 33.0		691	1994 AJ ₁₁	1994 01 19.34229	08 03 13.30	+21 57 12.3	691
1994 AA ₁₁	1994 01 11.46173	09 19 31.76	+21 04 42.6		691	1994 AK ₁₁	* 1994 01 09.24006	08 18 52.61	+18 23 44.9	18.1 V 691
1994 AA ₁₁	1994 01 16.29498	09 15 42.34	+21 26 07.6	20.5 V	691	1994 AK ₁₁	1994 01 09.27332	08 18 50.45	+18 24 01.6	691
1994 AA ₁₁	1994 01 16.33094	09 15 40.45	+21 26 17.5		691	1994 AK ₁₁	1994 01 09.30765	08 18 48.27	+18 24 18.7	691
1994 AA ₁₁	1994 01 16.36558	09 15 38.73	+21 26 26.1		691	1994 AK ₁₁	1994 01 18.39153	08 09 03.29	+19 39 53.1	17.0 V 691
1994 AB ₁₁	* 1994 01 08.46532	09 22 40.31	+21 15 08.1		691	1994 AK ₁₁	1994 01 18.42270	08 09 01.21	+19 40 08.3	691
1994 AB ₁₁	1994 01 08.49904	09 22 39.14	+21 15 13.6		691	1994 AL ₁₁	* 1994 01 09.24113	08 20 25.49	+18 36 50.7	20.0 V 691
1994 AB ₁₁	1994 01 08.53316	09 22 37.96	+21 15 19.7	18.4 V	691	1994 AL ₁₁	1994 01 09.27439	08 20 23.50	+18 36 59.1	691
1994 AB ₁₁	1994 01 16.29630	09 17 36.30	+21 38 03.6	18.1 V	691	1994 AL ₁₁	1994 01 09.30873	08 20 21.52	+18 37 09.2	691
1994 AB ₁₁	1994 01 16.33225	09 17 34.68	+21 38 10.1		691	1994 AL ₁₁	1994 01 18.36277	08 11 29.75	+19 19 05.0	691
1994 AB ₁₁	1994 01 16.36690	09 17 33.15	+21 38 16.4		691	1994 AL ₁₁	1994 01 18.39320	08 11 27.81	+19 19 13.1	19.0 V 691
1994 AC ₁₁	* 1994 01 08.46542	09 22 49.02	+20 57 16.2	21.0 V	691	1994 AL ₁₁	1994 01 18.42437	08 11 25.93	+19 19 21.8	691
1994 AC ₁₁	1994 01 08.49914	09 22 47.43	+20 57 30.5		691	1994 AM ₁₁	* 1994 01 09.24471	08 25 34.84	+18 31 55.7	691
1994 AC ₁₁	1994 01 08.53325	09 22 45.81	+20 57 44.4		691	1994 AM ₁₁	1994 01 09.27796	08 25 32.98	+18 31 51.3	20.0 V 691
1994 AC ₁₁	1994 01 17.39444	09 14 58.04	+22 02 18.9	20.5 V	691	1994 AM ₁₁	1994 01 09.31230	08 25 31.04	+18 31 47.4	691
1994 AC ₁₁	1994 01 17.43369	09 14 55.61	+22 02 36.1		691	1994 AM ₁₁	1994 01 16.38401	08 18 40.26	+18 16 05.1	691
1994 AC ₁₁	1994 01 17.46824	09 14 53.54	+22 02 51.2		691	1994 AM ₁₁	1994 01 16.41835	08 18 38.24	+18 16 01.0	19.3 V 691
1994 AD ₁₁	* 1994 01 08.46575	09 23 17.72	+21 09 17.7		691	1994 AM ₁₁	1994 01 16.45231	08 18 35.98	+18 15 56.9	691
1994 AD ₁₁	1994 01 08.49947	09 23 16.12	+21 09 19.2		691	1994 AN ₁₁	* 1994 01 09.24520	08 26 17.76	+18 35 53.7	691
1994 AD ₁₁	1994 01 08.53358	09 23 14.47	+21 09 20.8	16.9 V	691	1994 AN ₁₁	1994 01 09.27846	08 26 16.01	+18 36 04.7	691
1994 AD ₁₁	1994 01 11.39020	09 20 53.98	+21 12 13.7		691	1994 AN ₁₁	1994 01 09.31280	08 26 14.15	+18 36 16.0	18.6 V 691
1994 AD ₁₁	1994 01 11.42632	09 20 52.02	+21 12 15.6	16.3 V	691	1994 AN ₁₁	1994 01 18.36714	08 17 48.52	+19 26 49.4	691
1994 AD ₁₁	1994 01 11.46263	09 20 50.20	+21 12 18.2		691	1994 AN ₁₁	1994 01 18.39757	08 17 46.61	+19 26 59.5	17.5 V 691
1994 AE ₁₁	* 1994 01 08.47040	09 29 59.84	+20 56 21.7	17.8 V	691	1994 AN ₁₁	1994 01 18.42874	08 17 44.70	+19 27 10.2	691
1994 AE ₁₁	1994 01 08.50412	09 29 58.57	+20 56 33.7		691	1994 AO ₁₁	* 1994 01 09.24919	08 32 03.06	+18 29 34.2	691
1994 AE ₁₁	1994 01 08.53823	09 29 57.30	+20 56 45.8		691	1994 AO ₁₁	1994 01 09.28245	08 32 01.15	+18 29 32.0	691
1994 AE ₁₁	1994 01 11.39521	09 28 07.94	+21 14 28.6		691	1994 AO ₁₁	1994 01 09.31679	08 31 59.22	+18 29 30.1	19.3 V 691
1994 AE ₁₁	1994 01 11.43133	09 28 06.31	+21 14 41.9	17.3 V	691	1994 AO ₁₁	1994 01 16.38848	08 25 07.27	+18 22 33.8	691
1994 AE ₁₁	1994 01 11.46765	09 28 04.78	+21 14 56.2		691	1994 AO ₁₁	1994 01 16.42282	08 25 05.12	+18 22 32.9	18.5 V 691
1994 AE ₁₁	1994 01 16.30105	09 24 27.74	+21 46 00.7	18.2 V	691	1994 AO ₁₁	1994 01 16.45678	08 25 03.00	+18 22 31.1	691
1994 AE ₁₁	1994 01 16.33700	09 24 25.97	+21 46 14.7		691	1994 AP ₁₁	* 1994 01 10.41630	09 44 58.06	+16 46 49.5	691

1994 AP ₁₁	1994 01 10.45206	09 44 56.98	+16 47 02.6		691	1994 AY ₁₁	* 1994 01 11.17821	07 52 31.50	+21 06 18.7	20.3 V	691
1994 AP ₁₁	1994 01 10.48514	09 44 55.90	+16 47 13.8	19.3 V	691	1994 AY ₁₁	1994 01 11.21194	07 52 29.77	+21 06 23.2		691
1994 AP ₁₁	1994 01 17.49561	09 40 46.52	+17 32 46.2	19.7 V	691	1994 AY ₁₁	1994 01 11.24597	07 52 27.93	+21 06 27.8		691
1994 AP ₁₁	1994 01 17.51659	09 40 45.60	+17 32 54.7		691	1994 AY ₁₁	1994 01 17.29991	07 47 08.00	+21 19 37.1		691
1994 AP ₁₁	1994 01 17.53774	09 40 44.72	+17 33 03.4		691	1994 AY ₁₁	1994 01 17.32341	07 47 06.75	+21 19 39.8	21.1 V	691
1994 AQ ₁₁	* 1994 01 10.41777	09 47 05.74	+16 50 23.6		691	1994 AY ₁₁	1994 01 17.34664	07 47 05.44	+21 19 42.9		691
1994 AQ ₁₁	1994 01 10.45353	09 47 04.39	+16 50 38.0	19.0 V	691	1994 AZ ₁₁	* 1994 01 11.17965	07 54 36.71	+20 53 24.7		691
1994 AQ ₁₁	1994 01 10.48661	09 47 03.15	+16 50 51.1		691	1994 AZ ₁₁	1994 01 11.21338	07 54 34.73	+20 53 39.6		691
1994 AQ ₁₁	1994 01 17.49664	09 42 15.99	+17 41 03.6	18.8 V	691	1994 AZ ₁₁	1994 01 11.24741	07 54 32.77	+20 53 54.8	19.7 V	691
1994 AQ ₁₁	1994 01 17.51763	09 42 15.03	+17 41 12.6		691	1994 AZ ₁₁	1994 01 17.30098	07 48 40.20	+21 38 11.4	19.9 V	691
1994 AQ ₁₁	1994 01 17.53877	09 42 14.01	+17 41 21.8		691	1994 AZ ₁₁	1994 01 17.32447	07 48 38.75	+21 38 21.7		691
1994 AR ₁₁	* 1994 01 10.41801	09 47 26.49	+17 11 58.1		691	1994 AZ ₁₁	1994 01 17.34770	07 48 37.39	+21 38 32.2		691
1994 AR ₁₁	1994 01 10.45377	09 47 25.26	+17 12 10.5	18.4 V	691	1994 AA ₁₂	* 1994 01 11.18017	07 55 21.56	+21 03 46.2		691
1994 AR ₁₁	1994 01 10.48685	09 47 24.11	+17 12 21.3		691	1994 AA ₁₂	1994 01 11.21390	07 55 19.56	+21 03 54.3	18.9 V	691
1994 AR ₁₁	1994 01 17.51816	09 43 01.55	+17 54 09.5		691	1994 AA ₁₂	1994 01 11.24793	07 55 17.54	+21 04 02.7		691
1994 AR ₁₁	1994 01 17.53931	09 43 00.68	+17 54 16.3	18.3 V	691	1994 AA ₁₂	1994 01 17.30132	07 49 10.00	+21 28 27.1	19.3 V	691
1994 AS ₁₁	* 1994 01 10.41808	09 47 32.35	+17 01 18.9	19.6 V	691	1994 AA ₁₂	1994 01 17.32482	07 49 08.53	+21 28 32.6		691
1994 AS ₁₁	1994 01 10.45384	09 47 31.44	+17 01 27.3		691	1994 AA ₁₂	1994 01 17.34805	07 49 07.09	+21 28 38.2		691
1994 AS ₁₁	1994 01 10.48692	09 47 30.59	+17 01 34.7		691	1994 AB ₁₂	* 1994 01 11.18155	07 57 21.33	+20 53 34.9	20.3 V	691
1994 AS ₁₁	1994 01 17.49789	09 44 04.56	+17 31 24.9		691	1994 AB ₁₂	1994 01 11.21529	07 57 19.79	+20 53 44.5		691
1994 AS ₁₁	1994 01 17.51888	09 44 03.71	+17 31 30.2		691	1994 AB ₁₂	1994 01 11.24932	07 57 18.14	+20 53 54.5		691
1994 AS ₁₁	1994 01 17.54003	09 44 02.96	+17 31 35.6	19.6 V	691	1994 AB ₁₂	1994 01 17.32711	07 52 27.68	+21 23 39.5	21.0 V	691
1994 AT ₁₁	* 1994 01 10.41882	09 48 36.12	+16 56 23.6	18.7 V	691	1994 AB ₁₂	1994 01 17.35035	07 52 26.54	+21 23 46.5		691
1994 AT ₁₁	1994 01 10.45458	09 48 34.94	+16 56 36.3		691	1994 AC ₁₂	* 1994 01 11.18674	08 04 50.19	+20 47 50.6	18.7 V	691
1994 AT ₁₁	1994 01 10.48765	09 48 33.84	+16 56 47.5		691	1994 AC ₁₂	1994 01 11.22046	08 04 47.71	+20 47 51.1		691
1994 AT ₁₁	1994 01 17.49800	09 44 13.58	+17 40 57.6	18.5 V	691	1994 AC ₁₂	1994 01 11.25448	08 04 45.24	+20 47 51.9		691
1994 AT ₁₁	1994 01 17.51898	09 44 12.65	+17 41 06.1		691	1994 AC ₁₂	1994 01 12.17850	08 03 39.33	+20 47 59.7		691
1994 AT ₁₁	1994 01 17.54013	09 44 11.71	+17 41 14.1		691	1994 AC ₁₂	1994 01 12.20669	08 03 37.26	+20 47 59.5	18.7 V	691
1994 AU ₁₁	* 1994 01 11.17022	07 40 59.75	+20 48 59.9	18.1 V	691	1994 AC ₁₂	1994 01 12.23496	08 03 35.16	+20 47 59.8		691
1994 AU ₁₁	1994 01 11.20394	07 40 57.50	+20 49 11.0		691	1994 AD ₁₂	* 1994 01 11.18881	08 07 49.50	+20 51 04.2	20.5 V	691
1994 AU ₁₁	1994 01 11.23797	07 40 55.37	+20 49 23.1		691	1994 AD ₁₂	1994 01 11.22254	08 07 47.58	+20 51 16.3		691
1994 AU ₁₁	1994 01 12.16210	07 39 58.16	+20 54 41.5		691	1994 AD ₁₂	1994 01 11.25657	08 07 45.60	+20 51 27.3		691
1994 AU ₁₁	1994 01 12.19028	07 39 56.19	+20 54 51.4		691	1994 AD ₁₂	1994 01 17.31021	08 01 59.64	+21 25 35.5		691
1994 AU ₁₁	1994 01 12.21856	07 39 54.40	+20 55 00.8	18.4 V	691	1994 AD ₁₂	1994 01 17.33370	08 01 58.26	+21 25 43.9	20.9 V	691
1994 AV ₁₁	* 1994 01 11.17026	07 41 03.09	+20 46 45.4		691	1994 AD ₁₂	1994 01 17.35694	08 01 56.86	+21 25 52.1		691
1994 AV ₁₁	1994 01 11.20399	07 41 01.06	+20 46 49.5		691	1994 AE ₁₂	* 1994 01 11.18980	08 09 15.60	+21 08 55.0		691
1994 AV ₁₁	1994 01 11.23802	07 40 59.06	+20 46 52.7	18.2 V	691	1994 AE ₁₂	1994 01 11.22353	08 09 13.62	+21 09 03.4	19.6 V	691
1994 AV ₁₁	1994 01 12.16217	07 40 04.61	+20 48 28.2		691	1994 AE ₁₂	1994 01 11.25756	08 09 11.83	+21 09 11.8		691
1994 AV ₁₁	1994 01 12.19035	07 40 02.91	+20 48 31.9	17.8 V	691	1994 AE ₁₂	1994 01 13.42409	08 07 10.09	+21 17 35.7		691
1994 AV ₁₁	1994 01 12.21863	07 40 01.24	+20 48 35.0		691	1994 AE ₁₂	1994 01 13.43316	08 07 09.56	+21 17 37.2	19.9 V	691
1994 AW ₁₁	* 1994 01 11.17580	07 49 03.44	+20 59 37.1		691	1994 AE ₁₂	1994 01 13.44299	08 07 09.02	+21 17 39.7		691
1994 AW ₁₁	1994 01 11.20953	07 49 01.46	+20 59 50.0	19.7 V	691	1994 AE ₁₂	1994 01 14.33077	08 06 18.88	+21 21 06.1	20.0 V	691
1994 AW ₁₁	1994 01 11.24356	07 48 59.34	+21 00 02.7		691	1994 AE ₁₂	1994 01 14.35082	08 06 17.68	+21 21 10.9		691
1994 AW ₁₁	1994 01 17.29699	07 42 55.18	+21 36 54.2	20.2 V	691	1994 AE ₁₂	1994 01 14.36962	08 06 16.65	+21 21 14.7		691
1994 AW ₁₁	1994 01 17.32049	07 42 53.70	+21 37 02.8		691	1994 AE ₁₂	1994 01 17.31123	08 03 28.31	+21 32 30.4		691
1994 AW ₁₁	1994 01 17.34372	07 42 52.24	+21 37 11.2		691	1994 AE ₁₂	1994 01 17.33473	08 03 26.96	+21 32 35.9	19.8 V	691
1994 AX ₁₁	* 1994 01 11.17639	07 49 54.17	+20 49 09.9		691	1994 AE ₁₂	1994 01 17.35796	08 03 25.56	+21 32 41.1		691
1994 AX ₁₁	1994 01 11.21012	07 49 52.04	+20 49 11.5	18.6 V	691	1994 AF ₁₂	* 1994 01 11.19002	08 09 34.82	+21 10 51.6		691
1994 AX ₁₁	1994 01 11.24414	07 49 49.76	+20 49 12.7		691	1994 AF ₁₂	1994 01 11.22375	08 09 32.46	+21 11 01.7	18.6 V	691
1994 AX ₁₁	1994 01 12.16825	07 48 50.81	+20 49 36.9		691	1994 AF ₁₂	1994 01 11.25777	08 09 30.25	+21 11 12.2		691
1994 AX ₁₁	1994 01 12.19643	07 48 49.01	+20 49 38.1		691	1994 AF ₁₂	1994 01 14.33060	08 06 04.34	+21 26 26.0		691
1994 AX ₁₁	1994 01 12.22471	07 48 47.15	+20 49 38.5	19.0 V	691	1994 AF ₁₂	1994 01 14.35065	08 06 03.05	+21 26 32.5		691

1994 AF ₁₂	1994 01 14.36945	08 06 01.74	+21 26 39.0	19.0 V	691	1994 AO ₁₂	1994 01 19.47873	08 42 06.67	+14 48 09.1		691
1994 AF ₁₂	1994 01 18.21064	08 01 37.47	+21 45 28.9	18.7 V	691	1994 AP ₁₂	* 1994 01 11.27998	08 51 28.27	+13 57 14.1	20.6 V	691
1994 AF ₁₂	1994 01 18.23399	08 01 35.74	+21 45 34.0		691	1994 AP ₁₂	1994 01 11.31326	08 51 26.71	+13 57 31.4		691
1994 AF ₁₂	1994 01 18.25760	08 01 34.06	+21 45 42.2		691	1994 AP ₁₂	1994 01 11.34583	08 51 25.08	+13 57 49.3		691
1994 AG ₁₂	* 1994 01 11.19163	08 11 54.19	+21 04 23.8		691	1994 AP ₁₂	1994 01 19.44252	08 44 35.50	+15 12 47.6		691
1994 AG ₁₂	1994 01 11.22536	08 11 51.88	+21 04 35.7	19.4 V	691	1994 AP ₁₂	1994 01 19.46140	08 44 34.37	+15 12 58.3	20.6 V	691
1994 AG ₁₂	1994 01 11.25938	08 11 49.66	+21 04 48.0		691	1994 AP ₁₂	1994 01 19.48042	08 44 33.36	+15 13 09.3		691
1994 AG ₁₂	1994 01 13.42567	08 09 27.14	+21 17 51.4	19.6 V	691	1994 AQ ₁₂	* 1994 01 11.28494	08 58 37.47	+13 49 36.7		691
1994 AG ₁₂	1994 01 13.43474	08 09 26.53	+21 17 54.6		691	1994 AQ ₁₂	1994 01 11.31821	08 58 35.77	+13 49 49.2	19.2 V	691
1994 AG ₁₂	1994 01 13.44457	08 09 25.86	+21 17 57.9		691	1994 AQ ₁₂	1994 01 11.35079	08 58 34.01	+13 50 01.6		691
1994 AG ₁₂	1994 01 17.31234	08 05 04.33	+21 41 14.5		691	1994 AQ ₁₂	1994 01 19.44706	08 51 08.96	+14 44 55.2	19.5 V	691
1994 AG ₁₂	1994 01 17.33583	08 05 02.62	+21 41 22.9		691	1994 AQ ₁₂	1994 01 19.46594	08 51 07.79	+14 45 02.7		691
1994 AG ₁₂	1994 01 17.35906	08 05 00.98	+21 41 30.8	19.7 V	691	1994 AQ ₁₂	1994 01 19.48496	08 51 06.69	+14 45 10.7		691
1994 AH ₁₂	* 1994 01 11.19215	08 12 39.12	+20 47 36.7	18.0 V	691	1994 AR ₁₂	* 1994 01 11.36616	08 45 45.42	+21 19 40.5		691
1994 AH ₁₂	1994 01 11.22588	08 12 37.20	+20 47 46.9		691	1994 AR ₁₂	1994 01 11.43862	08 45 41.87	+21 19 54.7	17.7 V	691
1994 AH ₁₂	1994 01 11.25991	08 12 35.35	+20 47 57.2		691	1994 AR ₁₂	1994 01 16.27152	08 41 50.88	+21 36 23.2	18.1 V	691
1994 AH ₁₂	1994 01 17.31366	08 06 58.63	+21 18 11.5	18.6 V	691	1994 AR ₁₂	1994 01 16.30748	08 41 49.15	+21 36 31.0		691
1994 AH ₁₂	1994 01 17.33715	08 06 57.20	+21 18 18.5		691	1994 AR ₁₂	1994 01 16.34212	08 41 47.34	+21 36 38.2		691
1994 AH ₁₂	1994 01 17.36039	08 06 55.83	+21 18 25.5		691	1994 AS ₁₂	* 1994 01 11.37088	08 53 01.10	+21 12 46.8		691
1994 AJ ₁₂	* 1994 01 11.19332	08 14 20.69	+20 47 03.3		691	1994 AS ₁₂	1994 01 11.40700	08 52 59.18	+21 12 57.1	18.0 V	691
1994 AJ ₁₂	1994 01 11.22705	08 14 18.64	+20 47 13.1		691	1994 AS ₁₂	1994 01 11.44332	08 52 57.15	+21 13 07.4		691
1994 AJ ₁₂	1994 01 11.26108	08 14 16.70	+20 47 22.6	18.9 V	691	1994 AS ₁₂	1994 01 16.27609	08 48 26.58	+21 36 24.0		691
1994 AJ ₁₂	1994 01 17.31462	08 08 21.65	+21 15 06.1		691	1994 AS ₁₂	1994 01 16.31204	08 48 24.45	+21 36 34.3	18.7 V	691
1994 AJ ₁₂	1994 01 17.33811	08 08 20.15	+21 15 12.1		691	1994 AS ₁₂	1994 01 16.34668	08 48 22.36	+21 36 44.8		691
1994 AJ ₁₂	1994 01 17.36135	08 08 18.70	+21 15 20.1	19.2 V	691	1994 AT ₁₂	* 1994 01 11.37222	08 54 57.39	+21 17 07.3	19.4 V	691
1994 AK ₁₂	* 1994 01 11.21694	07 59 43.27	+21 06 36.8	19.4 V	691	1994 AT ₁₂	1994 01 11.40834	08 54 55.65	+21 17 18.0		691
1994 AK ₁₂	1994 01 11.25097	07 59 40.92	+21 06 42.6		691	1994 AT ₁₂	1994 01 11.44466	08 54 53.88	+21 17 29.0		691
1994 AK ₁₂	1994 01 17.30383	07 52 47.02	+21 22 32.2	19.6 V	691	1994 AT ₁₂	1994 01 16.27784	08 50 57.89	+21 42 19.9		691
1994 AK ₁₂	1994 01 17.32732	07 52 45.34	+21 22 35.8		691	1994 AT ₁₂	1994 01 16.31379	08 50 56.04	+21 42 31.0	20.4 V	691
1994 AK ₁₂	1994 01 17.35055	07 52 43.69	+21 22 39.4		691	1994 AT ₁₂	1994 01 16.34844	08 50 54.21	+21 42 42.9		691
1994 AL ₁₂	* 1994 01 11.22427	08 10 18.16	+20 51 34.4	19.4 V	691	1994 AT ₁₂	1994 01 17.37716	08 50 01.42	+21 48 00.9		691
1994 AL ₁₂	1994 01 11.25830	08 10 16.01	+20 51 43.6		691	1994 AT ₁₂	1994 01 17.41641	08 49 59.36	+21 48 13.3	19.8 V	691
1994 AL ₁₂	1994 01 17.31149	08 03 50.79	+21 18 58.0	19.9 V	691	1994 AT ₁₂	1994 01 17.45097	08 49 57.59	+21 48 23.6		691
1994 AL ₁₂	1994 01 17.33498	08 03 49.20	+21 19 04.2		691	1994 AU ₁₂	* 1994 01 11.37260	08 55 29.71	+21 18 07.2		691
1994 AL ₁₂	1994 01 17.35822	08 03 47.69	+21 19 10.3		691	1994 AU ₁₂	1994 01 11.40871	08 55 27.73	+21 18 15.4	19.7 V	691
1994 AM ₁₂	* 1994 01 11.27212	08 40 07.57	+14 11 57.2		691	1994 AU ₁₂	1994 01 11.44503	08 55 25.72	+21 18 24.0		691
1994 AM ₁₂	1994 01 11.30539	08 40 05.54	+14 12 09.1	19.6 V	691	1994 AU ₁₂	1994 01 16.27779	08 50 53.53	+21 38 01.4	20.3 V	691
1994 AM ₁₂	1994 01 11.33796	08 40 03.55	+14 12 19.2		691	1994 AU ₁₂	1994 01 16.31374	08 50 51.38	+21 38 10.1		691
1994 AM ₁₂	1994 01 19.43348	08 31 31.17	+15 00 50.1	19.3 V	691	1994 AU ₁₂	1994 01 16.34838	08 50 49.29	+21 38 18.4		691
1994 AM ₁₂	1994 01 19.45237	08 31 29.87	+15 00 56.9		691	1994 AV ₁₂	* 1994 01 11.37267	08 55 36.11	+20 54 19.5		691
1994 AM ₁₂	1994 01 19.47139	08 31 28.59	+15 01 04.6		691	1994 AV ₁₂	1994 01 11.40879	08 55 34.30	+20 54 31.5		691
1994 AN ₁₂	* 1994 01 11.27358	08 42 13.88	+14 03 54.7		691	1994 AV ₁₂	1994 01 11.44511	08 55 32.45	+20 54 45.2	20.2 V	691
1994 AN ₁₂	1994 01 11.30686	08 42 12.33	+14 04 10.0	19.7 V	691	1994 AV ₁₂	1994 01 16.27826	08 51 34.45	+21 24 50.3	20.8 V	691
1994 AN ₁₂	1994 01 11.33943	08 42 10.81	+14 04 25.3		691	1994 AV ₁₂	1994 01 16.31422	08 51 32.53	+21 25 03.5		691
1994 AN ₁₂	1994 01 19.43631	08 35 38.29	+15 09 26.0	19.7 V	691	1994 AV ₁₂	1994 01 16.34886	08 51 30.66	+21 25 16.4		691
1994 AN ₁₂	1994 01 19.45520	08 35 37.40	+15 09 35.6		691	1994 AW ₁₂	* 1994 01 11.37343	08 56 41.67	+21 04 44.5	20.0 V	691
1994 AN ₁₂	1994 01 19.47422	08 35 36.40	+15 09 45.1		691	1994 AW ₁₂	1994 01 11.40955	08 56 40.07	+21 04 56.4		691
1994 AO ₁₂	* 1994 01 11.27901	08 50 03.66	+14 00 35.3	18.1 V	691	1994 AW ₁₂	1994 01 11.44587	08 56 38.33	+21 05 08.1		691
1994 AO ₁₂	1994 01 11.31228	08 50 01.84	+14 00 46.1		691	1994 AW ₁₂	1994 01 16.27927	08 53 02.00	+21 32 53.4		691
1994 AO ₁₂	1994 01 11.34485	08 49 59.95	+14 00 56.8		691	1994 AW ₁₂	1994 01 16.31523	08 53 00.28	+21 33 05.6		691
1994 AO ₁₂	1994 01 19.44083	08 42 09.11	+14 47 55.4	18.1 V	691	1994 AW ₁₂	1994 01 16.34987	08 52 58.60	+21 33 17.6	20.8 V	691
1994 AO ₁₂	1994 01 19.45971	08 42 07.88	+14 48 02.1		691	1994 AX ₁₂	* 1994 01 11.37424	08 57 51.79	+21 07 12.4		691

1994 AX ₁₂	1994 01 11.41036	08 57 50.05	+21 07 23.1	18.5 V	691	1994 AF ₁₃	1994 01 11.45497	09 09 46.20	+20 57 07.8		691
1994 AX ₁₂	1994 01 11.44668	08 57 48.26	+21 07 31.6		691	1994 AF ₁₃	1994 01 16.28819	09 05 54.26	+21 35 13.7	19.9 V	691
1994 AX ₁₂	1994 01 16.27976	08 53 44.31	+21 28 13.4		691	1994 AF ₁₃	1994 01 16.32415	09 05 52.39	+21 35 30.8		691
1994 AX ₁₂	1994 01 16.31571	08 53 42.29	+21 28 22.5	18.7 V	691	1994 AF ₁₃	1994 01 16.35878	09 05 50.42	+21 35 47.7		691
1994 AX ₁₂	1994 01 16.35036	08 53 40.42	+21 28 31.8		691	1994 AG ₁₃	* 1994 01 11.38421	09 12 15.72	+21 18 29.0		691
1994 AY ₁₂	* 1994 01 11.37441	08 58 06.63	+20 51 24.2		691	1994 AG ₁₃	1994 01 11.42033	09 12 14.09	+21 18 40.0	19.7 V	691
1994 AY ₁₂	1994 01 11.41052	08 58 04.51	+20 51 41.4		691	1994 AG ₁₃	1994 01 11.45665	09 12 12.37	+21 18 51.5		691
1994 AY ₁₂	1994 01 11.44684	08 58 02.39	+20 51 58.2	19.7 V	691	1994 AG ₁₃	1994 01 16.28981	09 08 14.93	+21 44 04.1	20.5 V	691
1994 AY ₁₂	1994 01 16.27951	08 53 22.62	+21 29 56.7		691	1994 AG ₁₃	1994 01 16.32577	09 08 13.06	+21 44 15.9		691
1994 AY ₁₂	1994 01 16.31546	08 53 20.26	+21 30 13.3	20.1 V	691	1994 AG ₁₃	1994 01 16.36041	09 08 11.22	+21 44 25.3		691
1994 AY ₁₂	1994 01 16.35010	08 53 18.09	+21 30 30.6		691	1994 AG ₁₃	1994 01 17.38912	09 07 17.48	+21 49 50.9		691
1994 AZ ₁₂	* 1994 01 11.37640	09 00 59.30	+21 00 56.1	19.1 V	691	1994 AG ₁₃	1994 01 17.42837	09 07 15.41	+21 50 03.1	20.3 V	691
1994 AZ ₁₂	1994 01 11.41252	09 00 57.36	+21 01 09.3		691	1994 AG ₁₃	1994 01 17.46293	09 07 13.49	+21 50 13.8		691
1994 AZ ₁₂	1994 01 11.44884	09 00 55.33	+21 01 21.8		691	1994 AH ₁₃	* 1994 01 11.38608	09 14 57.52	+20 58 56.1	18.8 V	691
1994 AZ ₁₂	1994 01 16.28162	08 56 24.95	+21 30 55.8		691	1994 AH ₁₃	1994 01 11.42221	09 14 56.21	+20 59 12.1		691
1994 AZ ₁₂	1994 01 16.31757	08 56 22.64	+21 31 09.1	20.0 V	691	1994 AH ₁₃	1994 01 11.45853	09 14 54.93	+20 59 27.7		691
1994 AZ ₁₂	1994 01 16.35220	08 56 20.53	+21 31 22.2		691	1994 AH ₁₃	1994 01 16.29235	09 11 54.42	+21 35 38.7		691
1994 AA ₁₃	* 1994 01 11.37712	09 02 01.19	+20 52 43.8	19.9 V	691	1994 AH ₁₃	1994 01 16.32831	09 11 52.85	+21 35 54.9		691
1994 AA ₁₃	1994 01 11.41324	09 01 59.60	+20 52 58.3		691	1994 AH ₁₃	1994 01 16.36295	09 11 51.31	+21 36 10.8	19.2 V	691
1994 AA ₁₃	1994 01 11.44956	09 01 57.98	+20 53 12.5		691	1994 AJ ₁₃	* 1994 01 11.38895	09 19 06.17	+20 58 51.3	19.5 V	691
1994 AA ₁₃	1994 01 16.28305	08 58 28.65	+21 25 57.0		691	1994 AJ ₁₃	1994 01 11.42507	09 19 04.39	+20 59 02.8		691
1994 AA ₁₃	1994 01 16.31900	08 58 26.92	+21 26 12.0		691	1994 AJ ₁₃	1994 01 11.46139	09 19 02.74	+20 59 13.9		691
1994 AA ₁₃	1994 01 16.35364	08 58 25.34	+21 26 25.9	20.6 V	691	1994 AJ ₁₃	1994 01 16.29458	09 15 08.06	+21 24 44.5	19.8 V	691
1994 AB ₁₃	1994 01 08.45354	09 05 39.62	+21 09 24.7		691	1994 AJ ₁₃	1994 01 16.33054	09 15 06.12	+21 24 56.3		691
1994 AB ₁₃	1994 01 08.48726	09 05 38.47	+21 09 31.5	19.9 V	691	1994 AJ ₁₃	1994 01 16.36518	09 15 04.23	+21 25 07.5		691
1994 AB ₁₃	1994 01 08.52137	09 05 37.33	+21 09 37.7		691	1994 AK ₁₃	* 1994 01 11.39031	09 21 03.94	+21 17 51.7		691
1994 AB ₁₃	* 1994 01 11.37847	09 03 58.76	+21 18 57.3	19.6 V	691	1994 AK ₁₃	1994 01 11.42643	09 21 02.36	+21 17 57.2	20.4 V	691
1994 AB ₁₃	1994 01 11.41460	09 03 57.46	+21 19 05.2		691	1994 AK ₁₃	1994 01 11.46276	09 21 00.78	+21 18 04.4		691
1994 AB ₁₃	1994 01 11.45092	09 03 56.09	+21 19 11.1		691	1994 AK ₁₃	1994 01 16.29609	09 17 18.66	+21 32 36.6	20.6 V	691
1994 AB ₁₃	1994 01 16.28476	09 00 57.47	+21 35 11.6		691	1994 AK ₁₃	1994 01 16.33205	09 17 16.86	+21 32 43.3		691
1994 AB ₁₃	1994 01 16.32072	09 00 55.96	+21 35 18.9		691	1994 AK ₁₃	1994 01 16.36669	09 17 15.09	+21 32 49.8		691
1994 AB ₁₃	1994 01 16.35537	09 00 54.68	+21 35 25.7	20.2 V	691	1994 AL ₁₃	* 1994 01 11.39053	09 21 22.72	+20 51 25.1	19.3 V	691
1994 AC ₁₃	1994 01 08.45656	09 10 01.12	+20 55 58.5		691	1994 AL ₁₃	1994 01 11.42665	09 21 21.08	+20 51 45.3		691
1994 AC ₁₃	1994 01 08.52438	09 09 58.33	+20 56 16.1	20.0 V	691	1994 AL ₁₃	1994 01 11.46297	09 21 19.59	+20 52 05.5		691
1994 AC ₁₃	* 1994 01 11.38128	09 08 01.89	+21 09 24.3	19.4 V	691	1994 AL ₁₃	1994 01 16.29638	09 17 43.15	+21 37 35.2		691
1994 AC ₁₃	1994 01 11.41740	09 08 00.26	+21 09 34.6		691	1994 AL ₁₃	1994 01 16.33233	09 17 41.34	+21 37 56.1	19.8 V	691
1994 AC ₁₃	1994 01 11.45372	09 07 58.49	+21 09 44.5		691	1994 AL ₁₃	1994 01 16.36697	09 17 39.71	+21 38 15.4		691
1994 AC ₁₃	1994 01 16.28696	09 04 07.51	+21 33 10.9		691	1994 AM ₁₃	* 1994 01 12.08479	03 50 34.55	+17 11 27.7	19.3 V	691
1994 AC ₁₃	1994 01 16.32291	09 04 05.42	+21 33 22.1	19.9 V	691	1994 AM ₁₃	1994 01 12.11050	03 50 34.97	+17 11 32.4		691
1994 AC ₁₃	1994 01 16.35755	09 04 03.75	+21 33 33.6		691	1994 AM ₁₃	1994 01 12.13634	03 50 35.16	+17 11 38.3		691
1994 AD ₁₃	* 1994 01 11.38205	09 09 08.61	+21 03 57.7	20.4 V	691	1994 AM ₁₃	1994 01 18.11591	03 52 36.60	+17 33 24.5	20.0 V	691
1994 AD ₁₃	1994 01 11.41817	09 09 06.72	+21 04 12.2		691	1994 AM ₁₃	1994 01 18.14951	03 52 37.49	+17 33 32.3		691
1994 AD ₁₃	1994 01 11.45449	09 09 04.69	+21 04 26.9		691	1994 AM ₁₃	1994 01 18.18309	03 52 38.26	+17 33 40.6		691
1994 AD ₁₃	1994 01 16.28732	09 04 39.20	+21 38 13.2	20.8 V	691	1994 AN ₁₃	* 1994 01 12.09244	04 01 37.56	+17 00 00.8	17.7 V	691
1994 AD ₁₃	1994 01 16.32327	09 04 36.93	+21 38 28.6		691	1994 AN ₁₃	1994 01 12.11815	04 01 37.32	+17 00 06.1		691
1994 AE ₁₃	* 1994 01 11.38214	09 09 16.41	+20 53 54.4		691	1994 AN ₁₃	1994 01 12.14398	04 01 36.93	+17 00 11.4		691
1994 AE ₁₃	1994 01 11.41826	09 09 14.56	+20 54 04.8	18.3 V	691	1994 AN ₁₃	1994 01 18.12187	04 01 12.67	+17 22 00.0	18.7 V	691
1994 AE ₁₃	1994 01 11.45458	09 09 12.58	+20 54 14.6		691	1994 AN ₁₃	1994 01 18.15546	04 01 12.62	+17 22 07.9		691
1994 AE ₁₃	1994 01 16.28753	09 04 56.86	+21 16 58.3		691	1994 AN ₁₃	1994 01 18.18903	04 01 12.60	+17 22 15.9		691
1994 AE ₁₃	1994 01 16.32348	09 04 54.66	+21 17 08.8		691	1994 AO ₁₃	* 1994 01 12.16987	07 51 11.16	+20 39 00.8		691
1994 AE ₁₃	1994 01 16.35812	09 04 52.73	+21 17 18.1	19.2 V	691	1994 AO ₁₃	1994 01 12.19805	07 51 09.60	+20 39 16.7	20.7 V	691
1994 AF ₁₃	* 1994 01 11.38253	09 09 49.66	+20 56 34.5	19.6 V	691	1994 AO ₁₃	1994 01 12.22633	07 51 07.98	+20 39 32.2		691

1994 AO ₁₃	1994 01 17.29937	07 46 20.90	+21 25 52.3	20.5 V	691	1994 AW ₁₃	1994 01 12.37126	09 41 14.63	+17 48 51.7	691
1994 AO ₁₃	1994 01 17.32286	07 46 19.47	+21 26 04.2		691	1994 AW ₁₃	1994 01 12.40442	09 41 13.35	+17 48 58.4	691
1994 AO ₁₃	1994 01 17.34610	07 46 18.05	+21 26 17.5		691	1994 AW ₁₃	1994 01 14.38653	09 39 54.31	+17 55 16.8	691
1994 AP ₁₃	* 1994 01 12.17283	07 55 27.65	+20 38 42.8		691	1994 AW ₁₃	1994 01 14.41341	09 39 53.22	+17 55 22.5	19.9 V 691
1994 AP ₁₃	1994 01 12.20101	07 55 25.92	+20 38 54.5	19.9 V	691	1994 AW ₁₃	1994 01 14.43258	09 39 52.37	+17 55 26.3	691
1994 AP ₁₃	1994 01 12.22929	07 55 23.96	+20 39 06.8		691	1994 AX ₁₃	* 1994 01 12.33815	09 41 20.65	+17 57 27.6	19.9 V 691
1994 AP ₁₃	1994 01 17.30188	07 49 58.49	+21 15 15.1		691	1994 AX ₁₃	1994 01 12.37132	09 41 19.18	+17 57 35.2	691
1994 AP ₁₃	1994 01 17.32537	07 49 56.94	+21 15 25.3	20.7 V	691	1994 AX ₁₃	1994 01 12.40448	09 41 17.84	+17 57 43.3	691
1994 AP ₁₃	1994 01 17.34861	07 49 55.42	+21 15 34.8		691	1994 AX ₁₃	1994 01 13.45309	09 40 34.09	+18 01 40.3	19.8 V 691
1994 AQ ₁₃	* 1994 01 12.17971	08 05 23.61	+20 46 17.4	18.5 V	691	1994 AX ₁₃	1994 01 13.47393	09 40 33.16	+18 01 44.4	691
1994 AQ ₁₃	1994 01 12.20789	08 05 21.89	+20 46 29.9		691	1994 AX ₁₃	1994 01 13.49415	09 40 32.26	+18 01 48.5	691
1994 AQ ₁₃	1994 01 12.23617	08 05 20.12	+20 46 40.7		691	1994 AX ₁₃	1994 01 14.38653	09 39 54.10	+18 05 13.7	691
1994 AQ ₁₃	1994 01 17.30891	08 00 07.03	+21 18 41.6		691	1994 AX ₁₃	1994 01 14.41341	09 39 52.90	+18 05 19.2	20.6 V 691
1994 AQ ₁₃	1994 01 17.33240	08 00 05.49	+21 18 50.4	18.5 V	691	1994 AX ₁₃	1994 01 14.43257	09 39 51.97	+18 05 25.0	691
1994 AQ ₁₃	1994 01 17.35563	08 00 04.01	+21 18 59.3		691	1994 AY ₁₃	* 1994 01 12.33831	09 41 34.86	+17 37 12.9	691
1994 AR ₁₃	* 1994 01 12.18313	08 10 20.02	+20 38 44.5		691	1994 AY ₁₃	1994 01 12.37148	09 41 33.80	+17 37 26.3	20.0 V 691
1994 AR ₁₃	1994 01 12.21131	08 10 17.81	+20 39 40.1	20.2 V	691	1994 AY ₁₃	1994 01 12.40465	09 41 32.89	+17 37 39.6	691
1994 AR ₁₃	1994 01 12.23958	08 10 15.68	+20 40 36.3		691	1994 AY ₁₃	1994 01 14.38700	09 40 35.55	+17 50 48.0	20.2 V 691
1994 AR ₁₃	1994 01 16.24408	08 05 11.98	+22 51 48.8		691	1994 AY ₁₃	1994 01 14.41389	09 40 34.65	+17 50 59.0	691
1994 AR ₁₃	1994 01 16.25295	08 05 11.21	+22 52 07.2		691	1994 AY ₁₃	1994 01 14.43306	09 40 34.00	+17 51 06.5	691
1994 AR ₁₃	1994 01 16.26197	08 05 10.48	+22 52 24.3	20.0 V	691	1994 AZ ₁₃	* 1994 01 12.33939	09 43 07.60	+17 41 16.6	691
1994 AS ₁₃	* 1994 01 12.33741	09 40 16.21	+17 44 58.8		691	1994 AZ ₁₃	1994 01 12.37255	09 43 06.39	+17 41 27.6	19.9 V 691
1994 AS ₁₃	1994 01 12.37057	09 40 14.89	+17 45 08.2		691	1994 AZ ₁₃	1994 01 12.40572	09 43 05.14	+17 41 39.1	691
1994 AS ₁₃	1994 01 12.40374	09 40 13.68	+17 45 18.0	19.8 V	691	1994 AZ ₁₃	1994 01 13.45439	09 42 26.67	+17 47 31.6	19.7 V 691
1994 AS ₁₃	1994 01 13.45240	09 39 35.17	+17 50 20.0		691	1994 AZ ₁₃	1994 01 13.47523	09 42 25.83	+17 47 37.9	691
1994 AS ₁₃	1994 01 13.47325	09 39 34.29	+17 50 25.9	19.6 V	691	1994 AZ ₁₃	1994 01 13.49545	09 42 25.14	+17 47 48.5	691
1994 AS ₁₃	1994 01 13.49347	09 39 33.48	+17 50 31.5		691	1994 AZ ₁₃	1994 01 14.38788	09 41 51.48	+17 52 48.1	691
1994 AT ₁₃	* 1994 01 12.33742	09 40 17.78	+17 54 34.3		691	1994 AZ ₁₃	1994 01 14.41476	09 41 50.38	+17 52 57.4	20.5 V 691
1994 AT ₁₃	1994 01 12.37059	09 40 16.54	+17 54 43.4	18.2 V	691	1994 AZ ₁₃	1994 01 14.43393	09 41 49.64	+17 53 04.0	691
1994 AT ₁₃	1994 01 12.40376	09 40 15.43	+17 54 52.6		691	1994 AA ₁₄	* 1994 01 12.33975	09 43 38.95	+17 56 50.0	19.8 V 691
1994 AT ₁₃	1994 01 13.45245	09 39 39.44	+17 59 34.6	18.3 V	691	1994 AA ₁₄	1994 01 12.37292	09 43 38.38	+17 56 43.6	691
1994 AT ₁₃	1994 01 13.47330	09 39 38.63	+17 59 39.7		691	1994 AA ₁₄	1994 01 12.40609	09 43 37.75	+17 56 37.3	691
1994 AT ₁₃	1994 01 13.49352	09 39 37.89	+17 59 45.0		691	1994 AA ₁₄	1994 01 13.45500	09 43 20.24	+17 52 59.6	20.3 V 691
1994 AT ₁₃	1994 01 14.38597	09 39 06.31	+18 03 49.0		691	1994 AA ₁₄	1994 01 13.47585	09 43 19.80	+17 52 55.3	691
1994 AT ₁₃	1994 01 14.41286	09 39 05.28	+18 03 57.1	18.2 V	691	1994 AA ₁₄	1994 01 13.49608	09 43 19.38	+17 52 50.4	691
1994 AT ₁₃	1994 01 14.43202	09 39 04.54	+18 04 02.4		691	1994 AA ₁₄	1994 01 14.38871	09 43 02.97	+17 49 50.0	691
1994 AU ₁₃	* 1994 01 12.33779	09 40 49.80	+17 41 00.7	20.5 V	691	1994 AA ₁₄	1994 01 14.41559	09 43 02.31	+17 49 44.3	20.0 V 691
1994 AU ₁₃	1994 01 12.37096	09 40 48.56	+17 41 08.5		691	1994 AA ₁₄	1994 01 14.43476	09 43 01.86	+17 49 40.5	691
1994 AU ₁₃	1994 01 12.40412	09 40 47.37	+17 41 17.7		691	1994 AA ₁₄	1994 01 17.49634	09 41 49.82	+17 39 39.9	691
1994 AU ₁₃	1994 01 14.38630	09 39 34.90	+17 49 16.6		691	1994 AA ₁₄	1994 01 17.51733	09 41 49.26	+17 39 35.5	19.7 V 691
1994 AU ₁₃	1994 01 14.41319	09 39 33.86	+17 49 22.7	20.4 V	691	1994 AA ₁₄	1994 01 17.53848	09 41 48.61	+17 39 32.0	691
1994 AU ₁₃	1994 01 14.43235	09 39 33.13	+17 49 27.6		691	1994 AB ₁₄	* 1994 01 12.33988	09 43 50.71	+17 45 25.1	691
1994 AV ₁₃	* 1994 01 12.33807	09 41 13.92	+17 35 20.3		691	1994 AB ₁₄	1994 01 12.37305	09 43 49.63	+17 45 35.2	19.6 V 691
1994 AV ₁₃	1994 01 12.37124	09 41 12.84	+17 35 30.9		691	1994 AB ₁₄	1994 01 12.40622	09 43 48.54	+17 45 45.9	691
1994 AV ₁₃	1994 01 12.40441	09 41 11.88	+17 35 41.8	19.0 V	691	1994 AB ₁₄	1994 01 13.45495	09 43 15.30	+17 51 11.7	691
1994 AV ₁₃	1994 01 13.45317	09 40 41.78	+17 41 22.1		691	1994 AB ₁₄	1994 01 13.47579	09 43 14.61	+17 51 18.3	19.7 V 691
1994 AV ₁₃	1994 01 13.47402	09 40 41.05	+17 41 29.4	19.3 V	691	1994 AB ₁₄	1994 01 13.49602	09 43 13.90	+17 51 24.4	691
1994 AV ₁₃	1994 01 13.49425	09 40 40.41	+17 41 36.2		691	1994 AB ₁₄	1994 01 14.38849	09 42 44.33	+17 56 08.5	691
1994 AV ₁₃	1994 01 14.38675	09 40 13.43	+17 46 33.5		691	1994 AB ₁₄	1994 01 14.41538	09 42 43.35	+17 56 16.7	19.8 V 691
1994 AV ₁₃	1994 01 14.41363	09 40 12.54	+17 46 42.2	19.2 V	691	1994 AB ₁₄	1994 01 14.43454	09 42 42.62	+17 56 23.2	691
1994 AV ₁₃	1994 01 14.43280	09 40 11.87	+17 46 48.6		691	1994 AC ₁₄	* 1994 01 12.34102	09 45 28.81	+17 36 01.0	691
1994 AW ₁₃	* 1994 01 12.33810	09 41 16.03	+17 48 45.6	19.4 V	691	1994 AC ₁₄	1994 01 12.37418	09 45 27.65	+17 36 12.2	19.2 V 691

1994 AC ₁₄	1994 01 12.40735	09 45 26.50	+17 36 24.0	691	1994 AK ₁₄	1994 01 18.27725	07 53 12.83	+19 48 07.2	691
1994 AC ₁₄	1994 01 13.45606	09 44 51.49	+17 42 25.6	691	1994 AK ₁₄	1994 01 18.30431	07 53 10.91	+19 48 12.1	20.5 V 691
1994 AC ₁₄	1994 01 13.47690	09 44 50.70	+17 42 32.9	19.3 V 691	1994 AK ₁₄	1994 01 18.33120	07 53 09.00	+19 48 17.4	691
1994 AC ₁₄	1994 01 13.49713	09 44 49.98	+17 42 39.5	691	1994 AL ₁₄	* 1994 01 13.25082	07 59 46.77	+19 40 26.8	691
1994 AC ₁₄	1994 01 14.38959	09 44 19.07	+17 47 53.5	691	1994 AL ₁₄	1994 01 13.28551	07 59 44.69	+19 40 33.0	20.1 V 691
1994 AC ₁₄	1994 01 14.41647	09 44 17.97	+17 48 03.0	691	1994 AL ₁₄	1994 01 18.27832	07 54 45.31	+19 56 15.8	691
1994 AC ₁₄	1994 01 14.43564	09 44 17.36	+17 48 09.3	19.2 V 691	1994 AL ₁₄	1994 01 18.30538	07 54 43.62	+19 56 21.4	19.8 V 691
1994 AD ₁₄	* 1994 01 12.34190	09 46 45.43	+17 59 46.6	691	1994 AL ₁₄	1994 01 18.33228	07 54 41.92	+19 56 26.2	691
1994 AD ₁₄	1994 01 12.37507	09 46 44.36	+17 59 57.1	20.2 V 691	1994 AM ₁₄	* 1994 01 13.25098	08 00 00.68	+19 45 04.7	691
1994 AD ₁₄	1994 01 12.40823	09 46 43.31	+18 00 08.3	691	1994 AM ₁₄	1994 01 13.28567	07 59 58.41	+19 45 12.3	691
1994 AD ₁₄	1994 01 13.45698	09 46 11.02	+18 05 57.2	691	1994 AM ₁₄	1994 01 13.32027	07 59 56.14	+19 45 20.5	20.1 V 691
1994 AD ₁₄	1994 01 13.47782	09 46 10.31	+18 06 03.8	20.0 V 691	1994 AM ₁₄	1994 01 18.27831	07 54 44.44	+20 05 06.1	19.7 V 691
1994 AD ₁₄	1994 01 13.49805	09 46 09.61	+18 06 10.4	691	1994 AM ₁₄	1994 01 18.30537	07 54 42.67	+20 05 12.8	691
1994 AE ₁₄	* 1994 01 12.34192	09 46 46.67	+17 34 02.3	20.0 V 691	1994 AM ₁₄	1994 01 18.33226	07 54 40.87	+20 05 19.0	691
1994 AE ₁₄	1994 01 12.37508	09 46 45.44	+17 34 05.8	691	1994 AN ₁₄	* 1994 01 13.25265	08 02 25.33	+19 39 49.0	691
1994 AE ₁₄	1994 01 12.40825	09 46 44.31	+17 34 09.2	691	1994 AN ₁₄	1994 01 13.28734	08 02 23.48	+19 39 55.1	20.0 V 691
1994 AE ₁₄	1994 01 14.39047	09 45 35.82	+17 37 35.2	691	1994 AN ₁₄	1994 01 13.32195	08 02 21.60	+19 40 00.5	691
1994 AE ₁₄	1994 01 14.41736	09 45 34.87	+17 37 39.6	20.9 V 691	1994 AN ₁₄	1994 01 19.18857	07 57 13.91	+19 56 02.2	691
1994 AE ₁₄	1994 01 14.43652	09 45 34.07	+17 37 41.3	691	1994 AN ₁₄	1994 01 19.19725	07 57 13.41	+19 56 04.4	691
1994 AE ₁₄	1994 01 17.49760	09 43 38.69	+17 43 23.3	691	1994 AN ₁₄	1994 01 19.20577	07 57 12.95	+19 56 05.9	19.9 V 691
1994 AE ₁₄	1994 01 17.51858	09 43 37.83	+17 43 25.3	20.0 V 691	1994 AN ₁₄	1994 01 19.40709	07 57 02.06	+19 56 37.9	20.0 V 691
1994 AE ₁₄	1994 01 17.53973	09 43 37.00	+17 43 27.6	691	1994 AN ₁₄	1994 01 19.41557	07 57 01.61	+19 56 39.3	691
1994 AF ₁₄	* 1994 01 12.34194	09 46 49.18	+17 55 27.2	17.9 V 691	1994 AN ₁₄	1994 01 19.42417	07 57 01.16	+19 56 40.8	691
1994 AF ₁₄	1994 01 12.37511	09 46 47.89	+17 55 33.6	691	1994 AO ₁₄	* 1994 01 13.25486	08 05 36.31	+19 16 25.8	691
1994 AF ₁₄	1994 01 12.40827	09 46 46.67	+17 55 39.9	691	1994 AO ₁₄	1994 01 13.28955	08 05 34.47	+19 16 38.5	691
1994 AF ₁₄	1994 01 13.45695	09 46 08.66	+17 58 59.3	18.0 V 691	1994 AO ₁₄	1994 01 13.32416	08 05 32.62	+19 16 50.6	19.4 V 691
1994 AF ₁₄	1994 01 13.47779	09 46 07.80	+17 59 03.4	691	1994 AO ₁₄	1994 01 19.40933	08 00 16.22	+19 52 52.0	691
1994 AF ₁₄	1994 01 13.49802	09 46 06.99	+17 59 07.0	691	1994 AO ₁₄	1994 01 19.41781	08 00 15.77	+19 52 54.8	18.9 V 691
1994 AF ₁₄	1994 01 14.39044	09 45 33.14	+18 02 03.4	691	1994 AO ₁₄	1994 01 19.42642	08 00 15.28	+19 52 57.8	691
1994 AF ₁₄	1994 01 14.41732	09 45 32.05	+18 02 08.1	691	1994 AP ₁₄	* 1994 01 13.25527	08 06 12.43	+19 27 39.4	691
1994 AF ₁₄	1994 01 14.43649	09 45 31.20	+18 02 12.6	18.1 V 691	1994 AP ₁₄	1994 01 13.28996	08 06 10.15	+19 27 40.7	19.9 V 691
1994 AG ₁₄	* 1994 01 13.24195	07 46 58.40	+19 21 01.9	691	1994 AP ₁₄	1994 01 13.32456	08 06 07.85	+19 27 42.3	691
1994 AG ₁₄	1994 01 13.27664	07 46 56.57	+19 21 16.4	19.1 V 691	1994 AP ₁₄	1994 01 18.35564	08 00 46.17	+19 31 03.5	19.8 V 691
1994 AG ₁₄	1994 01 13.31125	07 46 54.71	+19 21 30.6	691	1994 AP ₁₄	1994 01 18.38608	08 00 44.18	+19 31 04.4	691
1994 AG ₁₄	1994 01 18.26990	07 42 36.03	+19 55 19.9	18.9 V 691	1994 AP ₁₄	1994 01 18.41726	08 00 42.08	+19 31 05.3	691
1994 AG ₁₄	1994 01 18.29697	07 42 34.71	+19 55 29.6	691	1994 AQ ₁₄	* 1994 01 13.25779	08 09 50.22	+19 23 39.7	20.4 V 691
1994 AG ₁₄	1994 01 18.32386	07 42 33.28	+19 55 40.2	691	1994 AQ ₁₄	1994 01 13.32708	08 09 45.84	+19 23 55.6	691
1994 AH ₁₄	* 1994 01 13.24963	07 58 03.83	+19 31 36.7	691	1994 AQ ₁₄	1994 01 18.35800	08 04 36.56	+19 42 14.7	19.6 V 691
1994 AH ₁₄	1994 01 13.28432	07 58 01.74	+19 31 46.5	691	1994 AQ ₁₄	1994 01 18.38843	08 04 34.64	+19 42 20.9	691
1994 AH ₁₄	1994 01 13.31893	07 57 59.57	+19 31 55.1	19.7 V 691	1994 AQ ₁₄	1994 01 18.41960	08 04 32.61	+19 42 26.8	691
1994 AH ₁₄	1994 01 18.27715	07 53 04.06	+19 53 47.8	19.5 V 691	1994 AR ₁₄	* 1994 01 13.25806	08 10 13.42	+19 32 06.3	691
1994 AH ₁₄	1994 01 18.30422	07 53 02.38	+19 53 55.0	691	1994 AR ₁₄	1994 01 13.29274	08 10 10.92	+19 32 06.0	18.1 V 691
1994 AH ₁₄	1994 01 18.33111	07 53 00.70	+19 54 01.9	691	1994 AR ₁₄	1994 01 13.32734	08 10 08.35	+19 32 05.3	691
1994 AJ ₁₄	* 1994 01 13.25003	07 58 38.06	+19 40 59.0	691	1994 AR ₁₄	1994 01 18.35766	08 04 07.58	+19 30 41.8	17.7 V 691
1994 AJ ₁₄	1994 01 13.28471	07 58 35.61	+19 41 00.5	691	1994 AR ₁₄	1994 01 18.38809	08 04 05.29	+19 30 40.8	691
1994 AJ ₁₄	1994 01 13.31931	07 58 33.08	+19 41 02.5	18.2 V 691	1994 AR ₁₄	1994 01 18.41925	08 04 02.93	+19 30 39.6	691
1994 AJ ₁₄	1994 01 18.27691	07 52 42.96	+19 47 15.3	18.7 V 691	1994 AS ₁₄	* 1994 01 13.25961	08 12 27.68	+19 43 42.9	691
1994 AJ ₁₄	1994 01 18.30397	07 52 40.98	+19 47 17.1	691	1994 AS ₁₄	1994 01 13.29430	08 12 25.81	+19 43 48.6	18.6 V 691
1994 AJ ₁₄	1994 01 18.33086	07 52 38.98	+19 47 18.9	691	1994 AS ₁₄	1994 01 13.32891	08 12 23.94	+19 43 53.7	691
1994 AK ₁₄	* 1994 01 13.25024	07 58 56.64	+19 31 07.9	691	1994 AS ₁₄	1994 01 21.36455	08 05 07.21	+20 03 46.4	691
1994 AK ₁₄	1994 01 13.28493	07 58 54.24	+19 31 15.2	20.4 V 691	1994 AS ₁₄	1994 01 21.37299	08 05 06.71	+20 03 49.1	691
1994 AK ₁₄	1994 01 13.31953	07 58 51.82	+19 31 21.6	691	1994 AS ₁₄	1994 01 21.38138	08 05 06.38	+20 03 49.9	17.9 V 691

1994 AT ₁₄	* 1994 01 13.25965	08 12 31.70	+19 39 54.5		691	1994 AB ₁₅	1994 01 14.37470	08 04 29.83	+21 55 30.7		691
1994 AT ₁₄	1994 01 13.29435	08 12 29.90	+19 39 59.3		691	1994 AB ₁₅	1994 01 18.21033	08 01 10.86	+22 05 45.7	19.2 V	691
1994 AT ₁₄	1994 01 13.32895	08 12 28.09	+19 40 04.1	20.5 V	691	1994 AB ₁₅	1994 01 18.23369	08 01 09.62	+22 05 49.3		691
1994 AT ₁₄	1994 01 21.36475	08 05 25.02	+19 59 52.3	20.3 V	691	1994 AB ₁₅	1994 01 18.25730	08 01 08.35	+22 05 52.9		691
1994 AT ₁₄	1994 01 21.37319	08 05 24.52	+19 59 53.0		691	1994 AC ₁₅	* 1994 01 14.33773	08 05 02.90	+21 48 27.1		691
1994 AT ₁₄	1994 01 21.38158	08 05 24.04	+19 59 54.9		691	1994 AC ₁₅	1994 01 14.35661	08 05 01.67	+21 48 33.4		691
1994 AU ₁₄	* 1994 01 13.28541	07 59 36.41	+19 46 14.3		691	1994 AC ₁₅	1994 01 14.37505	08 05 00.54	+21 48 38.9	20.8 V	691
1994 AU ₁₄	1994 01 13.32002	07 59 34.36	+19 46 19.7	20.7 V	691	1994 AC ₁₅	1994 01 18.21022	08 01 01.03	+22 06 35.1		691
1994 AU ₁₄	1994 01 18.27843	07 54 54.64	+20 01 24.8	20.5 V	691	1994 AC ₁₅	1994 01 18.23357	08 00 59.48	+22 06 41.7	20.0 V	691
1994 AU ₁₄	1994 01 18.30549	07 54 53.07	+20 01 29.6		691	1994 AC ₁₅	1994 01 18.25718	08 00 57.91	+22 06 48.8		691
1994 AU ₁₄	1994 01 18.33239	07 54 51.49	+20 01 34.2		691	1994 AD ₁₅	* 1994 01 14.33860	08 06 18.05	+22 01 12.8	20.3 V	691
1994 AV ₁₄	* 1994 01 13.42328	08 06 00.58	+21 22 01.6	19.1 V	691	1994 AD ₁₅	1994 01 14.35748	08 06 16.84	+22 01 15.5		691
1994 AV ₁₄	1994 01 13.43236	08 06 00.03	+21 22 03.7		691	1994 AD ₁₅	1994 01 14.37592	08 06 15.65	+22 01 18.4		691
1994 AV ₁₄	1994 01 13.44219	08 05 59.42	+21 22 06.2		691	1994 AD ₁₅	1994 01 18.21107	08 02 14.49	+22 10 00.1	19.8 V	691
1994 AV ₁₄	1994 01 17.31034	08 02 11.49	+21 36 55.4	19.2 V	691	1994 AD ₁₅	1994 01 18.23442	08 02 12.93	+22 10 02.9		691
1994 AV ₁₄	1994 01 17.33384	08 02 10.08	+21 37 00.6		691	1994 AD ₁₅	1994 01 18.25803	08 02 11.43	+22 10 06.0		691
1994 AV ₁₄	1994 01 17.35707	08 02 08.68	+21 37 06.0		691	1994 AD ₁₅	1994 01 19.30966	08 01 05.07	+22 12 22.7		691
1994 AW ₁₄	* 1994 01 13.42606	08 10 01.07	+21 09 55.6		691	1994 AD ₁₅	1994 01 19.34101	08 01 03.00	+22 12 26.3	19.7 V	691
1994 AW ₁₄	1994 01 13.43514	08 10 00.46	+21 09 56.8	20.4 V	691	1994 AD ₁₅	1994 01 19.37217	08 01 00.94	+22 12 30.4		691
1994 AW ₁₄	1994 01 13.44497	08 09 59.90	+21 09 58.3		691	1994 AE ₁₅	* 1994 01 14.33941	08 07 28.49	+21 54 43.5	20.7 V	691
1994 AW ₁₄	1994 01 17.31298	08 05 59.31	+21 19 33.9	20.0 V	691	1994 AE ₁₅	1994 01 14.35830	08 07 27.47	+21 54 47.2		691
1994 AW ₁₄	1994 01 17.33647	08 05 57.60	+21 19 36.4		691	1994 AE ₁₅	1994 01 14.37674	08 07 26.57	+21 54 50.5		691
1994 AW ₁₄	1994 01 17.35970	08 05 56.17	+21 19 40.6		691	1994 AE ₁₅	1994 01 19.31098	08 03 17.12	+22 08 27.1	20.1 V	691
1994 AX ₁₄	* 1994 01 13.45257	09 39 49.16	+18 02 58.8	19.6 V	691	1994 AE ₁₅	1994 01 19.34231	08 03 15.51	+22 08 31.9		691
1994 AX ₁₄	1994 01 13.47341	09 39 48.26	+18 03 03.0		691	1994 AE ₁₅	1994 01 19.37347	08 03 13.85	+22 08 36.5		691
1994 AX ₁₄	1994 01 13.49363	09 39 47.43	+18 03 07.8		691	1994 AF ₁₅	* 1994 01 14.34040	08 08 54.35	+21 57 03.2	18.3 V	691
1994 AX ₁₄	1994 01 14.38604	09 39 11.63	+18 06 33.4		691	1994 AF ₁₅	1994 01 14.35928	08 08 52.99	+21 57 06.2		691
1994 AX ₁₄	1994 01 14.41292	09 39 10.47	+18 06 38.8		691	1994 AF ₁₅	1994 01 14.37772	08 08 51.65	+21 57 08.6		691
1994 AX ₁₄	1994 01 14.43208	09 39 09.57	+18 06 43.2	20.0 V	691	1994 AF ₁₅	1994 01 19.31089	08 03 09.77	+22 08 30.1		691
1994 AY ₁₄	* 1994 01 13.45460	09 42 45.34	+17 54 20.7		691	1994 AF ₁₅	1994 01 19.34222	08 03 07.51	+22 08 33.7		691
1994 AY ₁₄	1994 01 13.47544	09 42 44.55	+17 54 25.5	20.0 V	691	1994 AF ₁₅	1994 01 19.37337	08 03 05.25	+22 08 37.4	17.7 V	691
1994 AY ₁₄	1994 01 13.49567	09 42 43.82	+17 54 30.2		691	1994 AG ₁₅	* 1994 01 14.34142	08 10 22.93	+21 59 59.1		691
1994 AY ₁₄	1994 01 14.38812	09 42 11.74	+17 57 59.7		691	1994 AG ₁₅	1994 01 14.36031	08 10 21.60	+22 00 01.1	19.2 V	691
1994 AY ₁₄	1994 01 14.41500	09 42 10.73	+17 58 05.3	20.1 V	691	1994 AG ₁₅	1994 01 14.37874	08 10 20.30	+22 00 03.4		691
1994 AY ₁₄	1994 01 14.43417	09 42 10.01	+17 58 10.2		691	1994 AG ₁₅	1994 01 18.21370	08 06 02.90	+22 07 23.1	18.6 V	691
1994 AZ ₁₄	* 1994 01 14.32696	08 00 49.24	+21 28 07.8	20.9 V	691	1994 AG ₁₅	1994 01 18.23706	08 06 01.22	+22 07 25.4		691
1994 AZ ₁₄	1994 01 14.34701	08 00 48.12	+21 28 11.7		691	1994 AG ₁₅	1994 01 18.26067	08 05 59.60	+22 07 27.9		691
1994 AZ ₁₄	1994 01 14.36581	08 00 47.04	+21 28 14.0		691	1994 AG ₁₅	1994 01 19.31204	08 04 48.78	+22 09 20.2	18.4 V	691
1994 AZ ₁₄	1994 01 17.30751	07 58 06.26	+21 35 45.7		691	1994 AG ₁₅	1994 01 19.34336	08 04 46.51	+22 09 23.3		691
1994 AZ ₁₄	1994 01 17.33101	07 58 04.95	+21 35 49.6		691	1994 AG ₁₅	1994 01 19.37451	08 04 44.28	+22 09 26.3		691
1994 AZ ₁₄	1994 01 17.35424	07 58 03.53	+21 35 52.9	20.9 V	691	1994 AH ₁₅	* 1994 01 14.35612	08 04 19.03	+21 47 51.4	20.4 V	691
1994 AA ₁₅	* 1994 01 14.32846	08 02 59.44	+21 43 11.7	18.6 V	691	1994 AH ₁₅	1994 01 14.37456	08 04 17.72	+21 47 50.1		691
1994 AA ₁₅	1994 01 14.33651	08 02 58.96	+21 43 15.9		691	1994 AH ₁₅	1994 01 17.30956	08 01 03.64	+21 41 42.7	20.0 V	691
1994 AA ₁₅	1994 01 14.34852	08 02 58.35	+21 43 21.3		691	1994 AH ₁₅	1994 01 17.35628	08 01 00.52	+21 41 36.6		691
1994 AA ₁₅	1994 01 14.35540	08 02 57.92	+21 43 23.9	18.8 V	691	1994 BB	* 1994 01 18.28133	07 59 06.01	+20 03 19.6	20.4 V	691
1994 AA ₁₅	1994 01 14.36732	08 02 57.33	+21 43 29.5		691	1994 BB	1994 01 18.30844	07 59 08.18	+20 03 23.6	20.3 V	691
1994 AA ₁₅	1994 01 14.37384	08 02 56.88	+21 43 32.8		691	1994 BB	1994 01 18.33538	07 59 10.30	+20 03 26.7	20.2 V	691
1994 AA ₁₅	1994 01 18.20921	07 59 33.62	+22 12 14.3	18.3 V	691	1994 BB	1994 01 19.19088	08 00 34.07	+20 05 18.7	20.2 V	691
1994 AA ₁₅	1994 01 18.23256	07 59 32.35	+22 12 24.2		691	1994 BB	1994 01 19.19957	08 00 34.78	+20 05 20.0	20.6 V	691
1994 AA ₁₅	1994 01 18.25618	07 59 31.03	+22 12 34.8		691	1994 BB	1994 01 19.20811	08 00 35.44	+20 05 21.4	20.4 V	691
1994 AB ₁₅	* 1994 01 14.33737	08 04 31.83	+21 55 24.7		691	1994 BB	1994 01 19.40974	08 00 51.36	+20 05 48.6	20.4 V	691
1994 AB ₁₅	1994 01 14.35626	08 04 30.83	+21 55 27.8	19.5 V	691	1994 BB	1994 01 19.41823	08 00 52.09	+20 05 49.1	20.3 V	691

1994 BB	1994 01 19.42685	08 00 52.77	+20 05 50.2	20.7 V	691	1994 BS ₁	1994 01 19.31099	08 03 18.05	+22 07 56.9	20.3 V	691
1994 BB	1994 01 21.36370	08 03 53.58	+20 09 54.8	20.9 V	691	1994 BS ₁	1994 01 19.34232	08 03 15.92	+22 08 07.3		691
1994 BB	1994 01 21.37215	08 03 54.28	+20 09 56.1	21.0 V	691	1994 BS ₁	1994 01 19.37347	08 03 13.77	+22 08 17.2		691
1994 BK ₁	* 1994 01 16.27387	08 45 13.64	+21 46 06.4	20.4 V	691	1994 BT ₁	* 1994 01 18.21263	08 04 30.00	+21 59 19.0		691
1994 BK ₁	1994 01 16.30982	08 45 11.84	+21 46 14.4		691	1994 BT ₁	1994 01 18.23599	08 04 28.69	+21 59 22.1	21.1 V	691
1994 BK ₁	1994 01 16.34446	08 45 09.95	+21 46 21.9		691	1994 BT ₁	1994 01 18.25960	08 04 27.33	+21 59 26.6		691
1994 BK ₁	1994 01 17.37317	08 44 16.38	+21 50 05.2		691	1994 BT ₁	1994 01 19.31112	08 03 29.36	+22 02 04.9		691
1994 BK ₁	1994 01 17.41242	08 44 14.19	+21 50 13.3	19.2 V	691	1994 BT ₁	1994 01 19.34245	08 03 27.56	+22 02 09.2	21.1 V	691
1994 BK ₁	1994 01 17.44698	08 44 12.35	+21 50 20.8		691	1994 BT ₁	1994 01 19.37361	08 03 25.77	+22 02 13.2		691
1994 BL ₁	* 1994 01 16.27950	08 53 22.00	+21 40 53.7		691	1994 BU ₁	* 1994 01 18.21466	08 07 25.59	+22 00 32.6		691
1994 BL ₁	1994 01 16.31546	08 53 20.06	+21 41 01.5	20.4 V	691	1994 BU ₁	1994 01 18.23801	08 07 24.18	+22 00 39.0		691
1994 BL ₁	1994 01 16.35010	08 53 18.26	+21 41 11.0		691	1994 BU ₁	1994 01 18.26163	08 07 22.55	+22 00 46.9	20.3 V	691
1994 BL ₁	1994 01 17.37882	08 52 25.10	+21 45 18.0	20.4 V	691	1994 BU ₁	1994 01 19.31305	08 06 16.55	+22 06 14.4	20.4 V	691
1994 BL ₁	1994 01 17.41807	08 52 23.01	+21 45 27.3		691	1994 BU ₁	1994 01 19.34438	08 06 14.49	+22 06 23.5		691
1994 BL ₁	1994 01 17.45263	08 52 21.19	+21 45 35.5		691	1994 BU ₁	1994 01 19.37553	08 06 12.45	+22 06 33.3		691
1994 BM ₁	* 1994 01 16.28106	08 55 36.79	+21 43 15.9		691	1994 BV ₁	* 1994 01 18.21566	08 08 52.60	+22 06 57.1	19.2 V	691
1994 BM ₁	1994 01 16.31701	08 55 34.83	+21 43 40.4	18.7 V	691	1994 BV ₁	1994 01 18.23902	08 08 51.16	+22 07 03.6		691
1994 BM ₁	1994 01 16.35165	08 55 33.01	+21 44 04.6		691	1994 BV ₁	1994 01 18.26263	08 08 49.68	+22 07 10.5		691
1994 BM ₁	1994 01 17.41963	08 54 38.69	+21 56 10.1	18.4 V	691	1994 BV ₁	1994 01 19.31408	08 07 45.91	+22 12 22.1		691
1994 BM ₁	1994 01 17.45419	08 54 36.92	+21 56 33.4		691	1994 BV ₁	1994 01 19.34541	08 07 43.86	+22 12 31.2		691
1994 BN ₁	* 1994 01 16.28964	09 07 59.75	+21 45 01.0	18.9 V	691	1994 BV ₁	1994 01 19.37656	08 07 41.95	+22 12 39.7	18.7 V	691
1994 BN ₁	1994 01 16.32559	09 07 57.51	+21 45 07.4		691	1994 BW ₁	* 1994 01 18.21593	08 09 16.05	+21 52 37.9	20.3 V	691
1994 BN ₁	1994 01 16.36022	09 07 55.30	+21 45 13.0		691	1994 BW ₁	1994 01 18.23929	08 09 14.53	+21 52 42.7		691
1994 BN ₁	1994 01 17.38882	09 06 51.82	+21 48 09.2		691	1994 BW ₁	1994 01 18.26290	08 09 13.03	+21 52 45.9		691
1994 BN ₁	1994 01 17.42807	09 06 49.33	+21 48 15.8	18.8 V	691	1994 BW ₁	1994 01 19.31431	08 08 05.52	+21 56 04.6	19.8 V	691
1994 BN ₁	1994 01 17.46263	09 06 47.06	+21 48 22.0		691	1994 BW ₁	1994 01 19.34564	08 08 03.41	+21 56 10.3		691
1994 BO ₁	* 1994 01 17.29671	07 42 30.65	+21 46 06.4		691	1994 BW ₁	1994 01 19.37679	08 08 01.34	+21 56 16.2		691
1994 BO ₁	1994 01 17.32020	07 42 29.14	+21 46 14.5		691	1994 BX ₁	* 1994 01 18.21603	08 09 23.92	+22 14 30.6	17.8 V	691
1994 BO ₁	1994 01 17.34343	07 42 27.69	+21 46 20.3	17.8 V	691	1994 BX ₁	1994 01 18.23938	08 09 22.20	+22 14 32.8		691
1994 BO ₁	1994 01 18.19679	07 41 35.26	+21 50 21.2	18.0 V	691	1994 BX ₁	1994 01 18.26299	08 09 20.51	+22 14 35.7		691
1994 BO ₁	1994 01 18.22015	07 41 33.79	+21 50 28.9		691	1994 BX ₁	1994 01 19.31429	08 08 04.39	+22 16 30.5	17.6 V	691
1994 BO ₁	1994 01 18.24377	07 41 32.19	+21 50 35.9		691	1994 BX ₁	1994 01 19.34562	08 08 02.01	+22 16 33.6		691
1994 BP ₁	* 1994 01 17.29887	07 45 37.54	+21 44 35.2	18.8 V	691	1994 BX ₁	1994 01 19.37677	08 07 59.65	+22 16 36.8		691
1994 BP ₁	1994 01 17.32236	07 45 36.21	+21 44 41.0		691	1994 BY ₁	* 1994 01 18.28056	07 57 59.31	+20 05 45.6	20.1 V	691
1994 BP ₁	1994 01 17.34560	07 45 34.91	+21 44 45.8		691	1994 BY ₁	1994 01 18.30762	07 57 57.73	+20 06 07.8		691
1994 BP ₁	1994 01 18.22235	07 44 47.68	+21 48 04.1		691	1994 BY ₁	1994 01 18.33452	07 57 56.15	+20 06 31.5		691
1994 BP ₁	1994 01 18.24597	07 44 46.34	+21 48 09.5	19.3 V	691	1994 BY ₁	1994 01 19.18852	07 57 09.17	+20 18 28.4	20.2 V	691
1994 BQ ₁	* 1994 01 17.37149	08 41 50.48	+21 53 37.0		691	1994 BY ₁	1994 01 19.19719	07 57 08.60	+20 18 37.0		691
1994 BQ ₁	1994 01 17.41074	08 41 48.20	+21 53 47.0	20.4 V	691	1994 BY ₁	1994 01 19.20572	07 57 08.22	+20 18 43.1		691
1994 BQ ₁	1994 01 17.44530	08 41 46.33	+21 53 55.8		691	1994 BY ₁	1994 01 19.40703	07 56 56.61	+20 21 31.9		691
1994 BQ ₁	1994 01 19.33644	08 40 02.36	+22 02 16.8	20.1 V	691	1994 BY ₁	1994 01 19.41550	07 56 56.09	+20 21 38.9		691
1994 BQ ₁	1994 01 19.36777	08 40 00.50	+22 02 25.1		691	1994 BY ₁	1994 01 19.42411	07 56 55.64	+20 21 45.3	20.2 V	691
1994 BQ ₁	1994 01 19.39893	08 39 58.72	+22 02 33.2		691	1994 BZ ₁	* 1994 01 18.28104	07 58 41.33	+20 07 33.6		691
1994 BR ₁	* 1994 01 17.37159	08 41 58.91	+22 03 15.5		691	1994 BZ ₁	1994 01 18.30810	07 58 39.31	+20 07 33.8	18.4 V	691
1994 BR ₁	1994 01 17.41083	08 41 56.34	+22 03 27.1	20.8 V	691	1994 BZ ₁	1994 01 18.33499	07 58 37.22	+20 07 33.1		691
1994 BR ₁	1994 01 17.44539	08 41 54.18	+22 03 35.9		691	1994 BZ ₁	1994 01 19.18882	07 57 35.74	+20 07 17.7	18.9 V	691
1994 BR ₁	1994 01 19.33637	08 39 56.14	+22 12 35.0		691	1994 BZ ₁	1994 01 19.19750	07 57 35.08	+20 07 17.9		691
1994 BR ₁	1994 01 19.36770	08 39 54.07	+22 12 44.1		691	1994 BZ ₁	1994 01 19.20602	07 57 34.46	+20 07 17.6		691
1994 BR ₁	1994 01 19.39885	08 39 52.00	+22 12 52.7	20.5 V	691	1994 BA ₂	* 1994 01 18.28199	08 00 02.98	+20 00 29.0	20.4 V	691
1994 BS ₁	* 1994 01 18.21263	08 04 29.74	+22 01 47.8		691	1994 BA ₂	1994 01 18.30905	08 00 01.30	+20 00 31.1		691
1994 BS ₁	1994 01 18.23598	08 04 28.12	+22 01 55.6	20.2 V	691	1994 BA ₂	1994 01 18.33594	07 59 59.61	+20 00 33.7		691
1994 BS ₁	1994 01 18.25959	08 04 26.52	+22 02 03.5		691	1994 BA ₂	1994 01 19.40840	07 58 55.30	+20 01 59.9	20.5 V	691

1994 BA ₂	1994 01 19.41688	07 58 54.78	+20 02 00.4	691	1994 BH ₂	1994 01 19.20097	08 02 36.30	+20 12 09.1	691
1994 BA ₂	1994 01 19.42548	07 58 54.27	+20 02 00.9	691	1994 BH ₂	1994 01 19.20950	08 02 35.78	+20 12 11.5	691
1994 BB ₂	* 1994 01 18.28234	08 00 33.33	+20 16 36.5	691	1994 BH ₂	1994 01 19.41079	08 02 22.50	+20 12 22.8	20.3 V 691
1994 BB ₂	1994 01 18.30940	08 00 31.59	+20 16 43.5	691	1994 BH ₂	1994 01 19.41927	08 02 21.97	+20 12 23.2	691
1994 BB ₂	1994 01 18.33629	08 00 29.94	+20 16 48.7	19.8 V 691	1994 BH ₂	1994 01 19.42787	08 02 21.38	+20 12 24.3	691
1994 BB ₂	1994 01 19.19024	07 59 38.97	+20 19 55.8	691	1994 BH ₂	1994 01 21.36119	08 00 16.79	+20 14 19.4	691
1994 BB ₂	1994 01 19.19892	07 59 38.47	+20 19 56.9	691	1994 BH ₂	1994 01 21.36963	08 00 16.29	+20 14 19.7	20.5 V 691
1994 BB ₂	1994 01 19.20744	07 59 37.94	+20 19 59.8	20.0 V 691	1994 BH ₂	1994 01 21.37802	08 00 15.75	+20 14 20.3	691
1994 BB ₂	1994 01 19.40875	07 59 25.53	+20 20 43.7	20.2 V 691	1994 BJ ₂	* 1994 01 18.35991	08 07 21.94	+19 42 40.8	19.1 V 691
1994 BB ₂	1994 01 19.41722	07 59 25.01	+20 20 45.7	691	1994 BJ ₂	1994 01 18.39034	08 07 20.32	+19 42 51.8	691
1994 BB ₂	1994 01 19.42583	07 59 24.52	+20 20 47.0	691	1994 BJ ₂	1994 01 18.42151	08 07 18.61	+19 43 01.7	691
1994 BC ₂	* 1994 01 18.28284	08 01 17.19	+20 14 55.9	691	1994 BJ ₂	1994 01 21.36430	08 04 45.95	+20 00 15.6	691
1994 BC ₂	1994 01 18.30991	08 01 15.29	+20 15 02.7	20.1 V 691	1994 BJ ₂	1994 01 21.37274	08 04 45.48	+20 00 18.3	19.0 V 691
1994 BC ₂	1994 01 18.33680	08 01 13.40	+20 15 09.6	691	1994 BJ ₂	1994 01 21.38113	08 04 45.03	+20 00 21.6	691
1994 BC ₂	1994 01 19.19069	08 00 17.49	+20 19 03.7	20.0 V 691	1994 BK ₂	* 1994 01 19.19072	08 00 19.91	+19 59 22.7	691
1994 BC ₂	1994 01 19.19936	08 00 16.93	+20 19 05.8	691	1994 BK ₂	1994 01 19.19939	08 00 19.46	+19 59 25.8	20.7 V 691
1994 BC ₂	1994 01 19.20789	08 00 16.32	+20 19 07.9	691	1994 BK ₂	1994 01 19.20792	08 00 19.01	+19 59 28.6	691
1994 BD ₂	* 1994 01 18.28345	08 02 09.68	+20 12 46.8	19.2 V 691	1994 BK ₂	1994 01 19.40924	08 00 08.30	+20 00 40.2	691
1994 BD ₂	1994 01 18.31052	08 02 08.29	+20 12 50.7	691	1994 BK ₂	1994 01 19.41772	08 00 07.85	+20 00 43.1	20.7 V 691
1994 BD ₂	1994 01 18.33741	08 02 06.94	+20 12 54.0	691	1994 BK ₂	1994 01 19.42633	08 00 07.39	+20 00 46.0	691
1994 BD ₂	1994 01 19.19145	08 01 23.68	+20 14 47.1	691	1994 BK ₂	1994 01 20.38106	07 59 18.51	+20 06 25.0	691
1994 BD ₂	1994 01 19.20013	08 01 23.23	+20 14 48.6	691	1994 BK ₂	1994 01 20.38963	07 59 17.98	+20 06 27.9	21.5 V 691
1994 BD ₂	1994 01 19.20866	08 01 22.80	+20 14 49.7	19.1 V 691	1994 BK ₂	1994 01 20.39816	07 59 17.61	+20 06 31.4	691
1994 BE ₂	* 1994 01 18.28353	08 02 16.77	+20 07 03.1	19.5 V 691	1994 BL ₂	1994 01 18.28418	08 03 12.76	+20 07 05.8	19.8 V 691
1994 BE ₂	1994 01 18.31060	08 02 15.17	+20 07 07.5	691	1994 BL ₂	1994 01 18.31124	08 03 11.00	+20 07 10.6	691
1994 BE ₂	1994 01 18.33749	08 02 13.60	+20 07 12.1	691	1994 BL ₂	* 1994 01 19.19204	08 02 14.33	+20 09 27.9	19.7 V 691
1994 BE ₂	1994 01 19.19146	08 01 24.09	+20 09 22.5	19.6 V 691	1994 BL ₂	1994 01 19.20071	08 02 13.90	+20 09 27.3	691
1994 BE ₂	1994 01 19.20013	08 01 23.58	+20 09 23.8	691	1994 BL ₂	1994 01 19.20924	08 02 13.26	+20 09 30.6	691
1994 BE ₂	1994 01 19.20866	08 01 23.07	+20 09 25.0	691	1994 BL ₂	1994 01 19.41053	08 01 59.90	+20 10 02.0	20.0 V 691
1994 BE ₂	1994 01 19.41844	08 01 10.52	+20 09 57.3	691	1994 BL ₂	1994 01 19.41901	08 01 59.38	+20 10 03.5	691
1994 BE ₂	1994 01 19.42705	08 01 09.98	+20 09 58.5	19.5 V 691	1994 BL ₂	1994 01 19.42761	08 01 58.80	+20 10 05.2	691
1994 BE ₂	1994 01 21.36081	07 59 17.72	+20 14 51.2	691	1994 BL ₂	1994 01 21.36102	07 59 54.31	+20 15 02.8	20.4 V 691
1994 BE ₂	1994 01 21.36925	07 59 17.27	+20 14 52.6	19.7 V 691	1994 BL ₂	1994 01 21.36946	07 59 53.83	+20 15 04.1	691
1994 BE ₂	1994 01 21.37764	07 59 16.80	+20 14 53.8	691	1994 BL ₂	1994 01 21.37785	07 59 53.27	+20 15 04.9	691
1994 BF ₂	* 1994 01 18.28377	08 02 37.47	+19 52 55.9	691	1994 BM ₂	* 1994 01 19.19271	08 03 12.95	+19 59 53.5	19.3 V 691
1994 BF ₂	1994 01 18.31084	08 02 36.11	+19 52 59.5	21.0 V 691	1994 BM ₂	1994 01 19.20139	08 03 12.34	+19 59 54.3	691
1994 BF ₂	1994 01 18.33774	08 02 34.74	+19 53 02.3	691	1994 BM ₂	1994 01 19.20991	08 03 11.77	+19 59 54.4	691
1994 BF ₂	1994 01 19.19178	08 01 52.33	+19 54 26.9	691	1994 BM ₂	1994 01 20.38285	08 01 53.81	+20 01 29.7	691
1994 BF ₂	1994 01 19.20046	08 01 51.88	+19 54 28.0	21.4 V 691	1994 BM ₂	1994 01 20.39143	08 01 53.33	+20 01 30.6	691
1994 BG ₂	* 1994 01 18.28440	08 03 31.90	+20 08 54.2	18.7 V 691	1994 BM ₂	1994 01 20.39995	08 01 52.64	+20 01 31.8	20.1 V 691
1994 BG ₂	1994 01 18.31146	08 03 30.30	+20 09 03.1	691	1994 BM ₂	1994 01 21.36157	08 00 49.16	+20 02 47.3	691
1994 BG ₂	1994 01 18.33836	08 03 28.74	+20 09 11.4	691	1994 BM ₂	1994 01 21.37001	08 00 48.54	+20 02 47.8	691
1994 BG ₂	1994 01 19.19233	08 02 39.85	+20 13 33.0	18.7 V 691	1994 BM ₂	1994 01 21.37839	08 00 48.01	+20 02 48.4	19.6 V 691
1994 BG ₂	1994 01 19.20101	08 02 39.33	+20 13 35.8	691	1994 BN ₂	* 1994 01 19.22450	08 00 14.88	+24 40 57.1	691
1994 BG ₂	1994 01 19.20953	08 02 38.83	+20 13 38.4	691	1994 BN ₂	1994 01 19.25451	08 00 13.47	+24 41 07.2	20.0 V 691
1994 BG ₂	1994 01 21.36140	08 00 34.83	+20 24 35.5	691	1994 BN ₂	1994 01 19.28419	08 00 11.83	+24 41 16.2	691
1994 BG ₂	1994 01 21.36984	08 00 34.29	+20 24 37.7	691	1994 BN ₂	1994 01 21.26539	07 58 29.90	+24 51 48.5	691
1994 BG ₂	1994 01 21.37823	08 00 33.79	+20 24 40.5	18.9 V 691	1994 BN ₂	1994 01 21.30159	07 58 27.89	+24 51 59.5	691
1994 BH ₂	* 1994 01 18.28444	08 03 35.35	+20 11 12.4	691	1994 BN ₂	1994 01 21.33692	07 58 26.04	+24 52 10.4	20.1 V 691
1994 BH ₂	1994 01 18.31150	08 03 33.60	+20 11 15.0	20.7 V 691	1994 BO ₂	* 1994 01 19.22754	08 04 38.34	+24 46 11.8	691
1994 BH ₂	1994 01 18.33839	08 03 31.84	+20 11 16.3	691	1994 BO ₂	1994 01 19.25755	08 04 36.60	+24 46 11.6	691
1994 BH ₂	1994 01 19.19230	08 02 36.91	+20 12 08.8	20.4 V 691	1994 BO ₂	1994 01 19.28722	08 04 34.69	+24 46 11.1	19.4 V 691

1994 BO ₂	1994 01 21.26822	08 02 35.03	+24 45 29.8		691	1994 BX ₂	1994 01 19.26709	08 18 22.87	+24 38 18.8		691
1994 BO ₂	1994 01 21.30442	08 02 32.68	+24 45 28.3		691	1994 BX ₂	1994 01 19.29676	08 18 20.91	+24 38 32.2	20.0 V	691
1994 BO ₂	1994 01 21.33974	08 02 30.59	+24 45 27.4	19.8 V	691	1994 BX ₂	1994 01 21.27764	08 16 10.43	+24 52 30.1		691
1994 BP ₂	* 1994 01 19.22797	08 05 15.73	+24 42 55.4		691	1994 BX ₂	1994 01 21.31383	08 16 07.92	+24 52 45.7	20.3 V	691
1994 BP ₂	1994 01 19.25798	08 05 13.84	+24 43 12.2	18.5 V	691	1994 BX ₂	1994 01 21.34915	08 16 05.50	+24 53 00.1		691
1994 BP ₂	1994 01 19.28765	08 05 11.81	+24 43 28.4		691	1994 BY ₂	* 1994 01 19.41093	08 02 34.45	+20 10 13.0		691
1994 BP ₂	1994 01 21.26855	08 03 03.85	+25 01 28.6		691	1994 BY ₂	1994 01 19.41941	08 02 34.02	+20 10 15.5	21.1 V	691
1994 BP ₂	1994 01 21.30475	08 03 01.32	+25 01 48.1	18.4 V	691	1994 BY ₂	1994 01 19.42801	08 02 33.48	+20 10 17.6		691
1994 BP ₂	1994 01 21.34007	08 02 59.00	+25 02 07.0		691	1994 BY ₂	1994 01 21.36162	08 00 54.12	+20 18 06.3	21.6 V	691
1994 BQ ₂	* 1994 01 19.22912	08 06 55.61	+24 41 55.9		691	1994 BY ₂	1994 01 21.37007	08 00 53.63	+20 18 08.5		691
1994 BQ ₂	1994 01 19.25913	08 06 53.78	+24 41 59.7	19.2 V	691	1994 BY ₂	1994 01 21.37845	08 00 53.23	+20 18 10.5		691
1994 BQ ₂	1994 01 19.28881	08 06 51.83	+24 42 03.4		691	1994 CB	* 1994 02 03.19552	08 58 19.28	+09 40 33.7	17.5 V	691
1994 BQ ₂	1994 01 21.26975	08 04 47.37	+24 46 01.9	19.4 V	691	1994 CB	1994 02 03.21726	08 58 12.50	+09 38 52.2	17.4 V	691
1994 BQ ₂	1994 01 21.30595	08 04 45.08	+24 46 05.9		691	1994 CB	1994 02 03.23902	08 58 05.64	+09 37 10.6	17.5 V	691
1994 BQ ₂	1994 01 21.34127	08 04 42.67	+24 46 09.8		691	1994 CB	1994 02 03.24491	08 58 03.75	+09 36 42.8	18.1 V	691
1994 BR ₂	* 1994 01 19.22977	08 07 51.71	+24 44 03.8		691	1994 CB	1994 02 03.26669	08 57 56.81	+09 35 01.4	18.5 V	691
1994 BR ₂	1994 01 19.25978	08 07 50.27	+24 44 14.9	19.7 V	691	1994 CB	1994 02 03.29929	08 57 46.49	+09 32 28.2	18.3 V	691
1994 BR ₂	1994 01 19.28946	08 07 48.64	+24 44 24.1		691	1994 CB	1994 02 03.40582	08 57 12.75	+09 24 05.5	18.2 V	691
1994 BR ₂	1994 01 21.27064	08 06 04.80	+24 55 22.1		691	1994 CB	1994 02 03.41478	08 57 09.96	+09 23 23.2	18.1 V	691
1994 BR ₂	1994 01 21.30684	08 06 02.89	+24 55 33.7	19.8 V	691	1994 CB	1994 02 03.42450	08 57 06.91	+09 22 37.4	18.4 V	691
1994 BR ₂	1994 01 21.34217	08 06 00.93	+24 55 45.1		691	1994 CB	1994 02 04.18381	08 53 21.45	+08 22 34.4		691
1994 BS ₂	* 1994 01 19.23046	08 08 51.09	+24 42 18.1		691	1994 CB	1994 02 04.19442	08 53 18.09	+08 21 43.4		691
1994 BS ₂	1994 01 19.26047	08 08 49.27	+24 42 22.7	18.8 V	691	1994 CB	1994 02 04.20549	08 53 14.65	+08 20 52.5		691
1994 BS ₂	1994 01 19.29014	08 08 47.30	+24 42 27.2		691	1994 CB	1994 02 04.21277	08 53 12.32	+08 20 17.0		691
1994 BS ₂	1994 01 21.27106	08 06 41.27	+24 47 23.8		691	1994 CB	1994 02 05.32666	08 47 31.11	+06 50 47.6	18.1 V	691
1994 BS ₂	1994 01 21.30726	08 06 38.95	+24 47 28.7		691	1994 CB	1994 02 05.33441	08 47 28.59	+06 50 09.6	17.7 V	691
1994 BS ₂	1994 01 21.34258	08 06 36.59	+24 47 34.2	19.2 V	691	1994 CB	1994 02 05.34219	08 47 26.09	+06 49 32.1	18.2 V	691
1994 BT ₂	* 1994 01 19.23095	08 09 33.84	+24 45 56.5	18.6 V	691	1994 CC	* 1994 02 03.25610	09 14 12.59	+09 31 23.5	20.0 V	691
1994 BT ₂	1994 01 19.26096	08 09 31.69	+24 45 57.1		691	1994 CC	1994 02 03.27793	09 14 10.51	+09 31 30.0	20.5 V	691
1994 BT ₂	1994 01 19.29063	08 09 29.43	+24 45 58.1		691	1994 CC	1994 02 03.31062	09 14 07.40	+09 31 39.6	20.3 V	691
1994 BT ₂	1994 01 21.27133	08 07 04.72	+24 46 17.3		691	1994 CC	1994 02 04.31185	09 12 34.23	+09 36 45.6		691
1994 BT ₂	1994 01 21.30753	08 07 02.11	+24 46 18.2		691	1994 CC	1994 02 04.35786	09 12 29.91	+09 37 00.5		691
1994 BT ₂	1994 01 21.34284	08 06 59.40	+24 46 15.9	18.2 V	691	1994 CC	1994 02 05.30108	09 11 01.58	+09 41 53.0	20.7 V	691
1994 BU ₂	* 1994 01 19.23115	08 09 51.24	+24 31 21.8	19.8 V	691	1994 CC	1994 02 05.30891	09 11 00.83	+09 41 55.6	20.2 V	691
1994 BU ₂	1994 01 19.26116	08 09 49.36	+24 31 35.4		691	1994 CC	1994 02 05.31671	09 11 00.07	+09 41 58.2	20.5 V	691
1994 BU ₂	1994 01 19.29083	08 09 47.39	+24 31 48.6		691	6073 P-L	1994 01 19.22997	08 08 08.73	+24 23 57.7	18.0 V	691
1994 BU ₂	1994 01 21.27177	08 07 42.13	+24 46 02.8		691	6073 P-L	1994 01 19.25998	08 08 06.97	+24 24 01.6		691
1994 BU ₂	1994 01 21.30796	08 07 39.76	+24 46 17.4		691	7063 P-L	1994 01 10.18652	07 54 29.89	+15 35 41.6		691
1994 BU ₂	1994 01 21.34328	08 07 37.36	+24 46 32.1	20.2 V	691	7063 P-L	1994 01 10.21946	07 54 27.77	+15 35 45.3	18.4 V	691
1994 BV ₂	* 1994 01 19.23413	08 14 09.33	+24 43 53.9		691	7063 P-L	1994 01 10.25245	07 54 25.54	+15 35 49.1		691
1994 BV ₂	1994 01 19.26414	08 14 07.06	+24 44 00.8		691	2280 T-2	1994 01 10.18587	07 53 33.36	+15 32 49.1		691
1994 BV ₂	1994 01 19.29381	08 14 05.01	+24 44 04.7	20.3 V	691	2280 T-2	1994 01 10.21880	07 53 31.16	+15 32 56.1	16.8 V	691
1994 BV ₂	1994 01 21.27460	08 11 47.29	+24 49 27.0	21.0 V	691	2280 T-2	1994 01 10.25180	07 53 28.89	+15 33 03.2		691
1994 BV ₂	1994 01 21.31079	08 11 44.71	+24 49 32.8		691	2319 T-2	1994 01 12.42168	09 02 56.29	+12 59 55.8	18.0 V	691
1994 BV ₂	1994 01 21.34611	08 11 42.13	+24 49 38.4		691	2319 T-2	1994 01 12.45403	09 02 54.43	+13 00 02.0		691
1994 BW ₂	* 1994 01 19.23425	08 14 19.64	+24 26 04.2		691	2319 T-2	1994 01 12.48639	09 02 52.54	+13 00 08.8		691
1994 BW ₂	1994 01 19.26426	08 14 17.87	+24 26 29.3	20.0 V	691	4262 T-2	1994 01 04.37427	08 18 53.05	+23 13 14.3		691
1994 BW ₂	1994 01 19.29394	08 14 16.16	+24 26 53.1		691	4262 T-2	1994 01 04.42316	08 18 50.09	+23 13 29.1		691
1994 BW ₂	1994 01 21.27507	08 12 28.24	+24 53 21.7		691	4262 T-2	1994 01 04.46633	08 18 47.47	+23 13 42.0	18.1 V	691
1994 BW ₂	1994 01 21.31127	08 12 26.21	+24 53 50.7		691	(379)	1994 01 08.26063	07 50 59.27	+18 56 36.4		691
1994 BW ₂	1994 01 21.34659	08 12 24.14	+24 54 19.2	20.3 V	691	(379)	1994 01 08.29482	07 50 57.52	+18 56 41.3	13.1 V	691
1994 BX ₂	* 1994 01 19.23708	08 18 25.01	+24 38 05.6		691	(504)	1994 01 04.34681	07 38 15.78	+23 07 18.5		691

(504)	1994 01 04.39616	07 38 12.70	+23 07 36.5	13.0 V	691	(1432)	1994 01 09.28868	07 51 24.61	+18 38 36.8	691
(504)	1994 01 04.43853	07 38 10.18	+23 07 52.2		691	(1449)	1994 01 05.17635	07 31 36.23	+21 17 40.3	691
(803)	1994 01 10.11008	03 59 44.68	+19 55 36.3		691	(1449)	1994 01 05.27462	07 31 29.16	+21 18 13.5	691
(803)	1994 01 10.13668	03 59 44.29	+19 55 32.3	14.4 V	691	(1491)	1993 11 09.11070	01 47 12.38	+16 56 22.5	15.4 V 691
(803)	1994 01 10.16344	03 59 43.89	+19 55 28.4		691	(1491)	1993 11 09.15038	01 47 10.62	+16 56 12.2	691
(819)	1994 01 08.45265	09 04 23.21	+20 53 40.4	15.3 V	691	(1491)	1993 11 09.19049	01 47 08.81	+16 56 01.8	691
(819)	1994 01 08.48637	09 04 21.33	+20 53 46.3		691	(1507)	1994 01 04.24199	07 39 17.62	+22 30 38.7	17.0 V 691
(819)	1994 01 08.52047	09 04 19.44	+20 53 52.1		691	(1507)	1994 01 04.28628	07 39 14.32	+22 30 37.6	691
(819)	1994 01 11.37687	09 01 39.95	+21 02 29.0	14.6 V	691	(1507)	1994 01 04.32671	07 39 11.30	+22 30 36.2	691
(819)	1994 01 11.41299	09 01 37.76	+21 02 35.9		691	(1529)	1993 12 14.43655	08 53 58.09	+21 03 54.3	15.7 V 691
(819)	1994 01 11.44930	09 01 35.50	+21 02 42.1		691	(1529)	1993 12 14.47268	08 53 57.52	+21 04 01.2	691
(819)	1994 01 16.28178	08 56 38.87	+21 17 41.2		691	(1529)	1993 12 14.51197	08 53 56.97	+21 04 08.9	691
(819)	1994 01 16.31773	08 56 36.39	+21 17 48.2	15.4 V	691	(1529)	1994 01 08.34004	08 42 59.52	+22 43 08.3	691
(819)	1994 01 16.35236	08 56 34.10	+21 17 54.6		691	(1529)	1994 01 08.37479	08 42 58.28	+22 43 17.5	15.1 V 691
(858)	1993 12 15.10504	03 17 46.14	+16 47 33.5		691	(1529)	1994 01 08.41029	08 42 56.86	+22 43 26.7	691
(858)	1993 12 15.14184	03 17 44.66	+16 47 34.1	14.7 V	691	(1558)	1994 01 19.33421	08 36 48.93	+22 00 40.1	691
(858)	1993 12 15.17595	03 17 43.26	+16 47 34.9		691	(1558)	1994 01 19.36554	08 36 47.34	+22 00 50.9	14.4 V 691
(891)	1994 01 04.24062	07 37 18.60	+22 44 16.9		691	(1558)	1994 01 19.39670	08 36 45.80	+22 01 01.4	691
(891)	1994 01 04.28492	07 37 16.11	+22 44 35.1	13.5 V	691	(1639)	1994 01 12.33797	09 41 05.01	+17 39 27.4	691
(891)	1994 01 04.32536	07 37 13.82	+22 44 52.7		691	(1639)	1994 01 12.37113	09 41 03.42	+17 39 28.1	14.1 V 691
(891)	1994 01 04.34609	07 37 12.77	+22 45 00.5		691	(1639)	1994 01 12.40429	09 41 01.93	+17 39 29.3	691
(891)	1994 01 04.39544	07 37 09.83	+22 45 19.4	13.2 V	691	(1639)	1994 01 13.45286	09 40 14.52	+17 39 55.5	14.0 V 691
(907)	1993 11 17.32574	03 47 08.60	+28 43 55.6		691	(1639)	1994 01 13.47370	09 40 13.48	+17 39 56.0	691
(907)	1993 11 17.37109	03 47 05.17	+28 44 08.1		691	(1639)	1994 01 13.49392	09 40 12.51	+17 39 56.3	691
(1013)	1993 11 09.27160	03 00 42.26	+24 31 59.5		691	(1639)	1994 01 14.38626	09 39 31.04	+17 40 22.5	691
(1013)	1993 11 09.31338	03 00 39.28	+24 32 02.2	13.0 V	691	(1639)	1994 01 14.41314	09 39 29.71	+17 40 23.2	14.1 V 691
(1013)	1993 11 09.35450	03 00 36.36	+24 32 04.3		691	(1639)	1994 01 14.43230	09 39 28.75	+17 40 23.7	691
(1013)	1993 11 17.29484	02 51 27.79	+24 36 53.3		691	(1639)	1994 01 17.49334	09 36 55.98	+17 42 12.1	13.9 V 691
(1013)	1993 11 17.30347	02 51 27.18	+24 36 53.3	13.3 V	691	(1639)	1994 01 17.51433	09 36 54.78	+17 42 12.8	691
(1013)	1993 11 17.31134	02 51 26.63	+24 36 53.5		691	(1639)	1994 01 17.53547	09 36 53.59	+17 42 13.2	691
(1016)	1994 01 17.44082	14 30 28.65	-15 40 02.2	16.8 R	691	(1648)	1994 01 09.22990	08 04 12.19	+18 24 33.7	15.6 V 691
(1016)	1994 01 17.44833	14 30 29.18	-15 40 05.7		691	(1648)	1994 01 09.26315	08 04 10.12	+18 24 43.1	691
(1016)	1994 01 17.45973	14 30 29.98	-15 40 11.1		691	(1648)	1994 01 09.29749	08 04 07.77	+18 24 52.4	691
(1016)	1994 01 17.46198	14 30 30.12	-15 40 12.0		691	(1762)	1994 01 10.29279	08 27 04.72	+16 49 37.4	691
(1016)	1994 01 17.46414	14 30 30.28	-15 40 13.1		691	(1762)	1994 01 10.32606	08 27 02.91	+16 49 44.0	14.8 V 691
(1016)	1994 01 17.49704	14 30 32.62	-15 40 28.2		691	(1762)	1994 01 10.35923	08 27 01.27	+16 49 50.5	691
(1097)	1993 12 16.26453	03 52 33.12	+18 05 11.1	15.7 V	691	(1848)	1994 01 05.21216	08 11 12.48	+21 20 23.2	691
(1097)	1993 12 16.29801	03 52 31.44	+18 05 07.0		691	(1848)	1994 01 05.25789	08 11 10.04	+21 20 30.0	691
(1097)	1993 12 17.24411	03 51 48.84	+18 03 34.6	15.8 V	691	(1848)	1994 01 05.30422	08 11 07.70	+21 20 37.2	14.9 V 691
(1097)	1993 12 17.27827	03 51 47.23	+18 03 31.4		691	(1848)	1994 01 14.32850	08 03 02.50	+21 42 35.7	14.9 V 691
(1097)	1993 12 17.32241	03 51 45.26	+18 03 26.9		691	(1848)	1994 01 14.33652	08 03 01.99	+21 42 36.6	15.2 V 691
(1097)	1994 01 09.11159	03 41 32.25	+17 48 13.8	16.2 V	691	(1848)	1994 01 14.34855	08 03 01.34	+21 42 38.6	691
(1097)	1994 01 09.14534	03 41 31.87	+17 48 14.2		691	(1848)	1994 01 14.35542	08 03 00.89	+21 42 39.2	691
(1097)	1994 01 09.17882	03 41 31.55	+17 48 14.8		691	(1848)	1994 01 14.36735	08 03 00.28	+21 42 41.2	691
(1298)	1993 11 08.38672	02 58 51.09	+25 27 59.1	14.3 V	691	(1848)	1994 01 14.37386	08 02 59.82	+21 42 41.8	691
(1298)	1993 11 08.45439	02 58 47.45	+25 27 41.4		691	(1848)	1994 01 18.20911	07 59 24.76	+21 51 41.6	691
(1298)	1993 11 08.49720	02 58 45.13	+25 27 30.7		691	(1848)	1994 01 18.23246	07 59 23.42	+21 51 44.7	14.7 V 691
(1336)	1994 01 04.23664	07 31 31.64	+22 41 12.6	14.7 V	691	(1848)	1994 01 18.25608	07 59 22.01	+21 51 47.9	691
(1336)	1994 01 04.28096	07 31 29.08	+22 41 21.0		691	(2180)	1993 12 15.12293	03 43 35.57	+16 57 21.2	691
(1336)	1994 01 04.32141	07 31 26.68	+22 41 27.9		691	(2180)	1993 12 15.15972	03 43 34.11	+16 57 12.0	15.5 V 691
(1432)	1994 01 09.22108	07 51 29.04	+18 38 13.6		691	(2180)	1993 12 15.19384	03 43 32.77	+16 57 03.5	691
(1432)	1994 01 09.25434	07 51 26.87	+18 38 24.9	15.9 V	691	(2221)	1993 11 06.39424	02 56 23.30	+24 52 18.4	15.3 V 691

(2221)	1993 11 06.43782	02 56 20.72	+24 51 52.2	691	(3091)	1993 12 17.26231	03 28 45.23	+18 03 08.6	691
(2221)	1993 11 06.48066	02 56 18.24	+24 51 26.7	691	(3091)	1993 12 17.30645	03 28 43.21	+18 03 00.3	17.6 V 691
(2221)	1993 11 09.26673	02 53 40.79	+24 23 45.2	691	(3123)	1993 11 21.37033	03 34 25.35	+15 57 59.4	15.6 V 691
(2221)	1993 11 09.30852	02 53 38.36	+24 23 19.9	16.0 V 691	(3123)	1993 11 21.40410	03 34 23.18	+15 57 53.4	691
(2221)	1993 11 09.34965	02 53 35.95	+24 22 55.0	691	(3123)	1993 11 21.43691	03 34 21.19	+15 57 47.4	691
(2268)	1994 01 11.48677	09 09 24.50	+19 25 42.2	15.5 V 691	(3123)	1993 12 16.07578	03 14 32.14	+15 10 44.6	16.8 V 691
(2268)	1994 01 11.51372	09 09 23.29	+19 25 49.1	691	(3123)	1993 12 16.10925	03 14 31.04	+15 10 43.6	691
(2268)	1994 01 11.54082	09 09 22.12	+19 25 56.3	691	(3123)	1993 12 16.14317	03 14 29.96	+15 10 42.3	691
(2295)	1994 01 18.37629	08 31 00.47	+19 41 31.6	691	(3172)	1993 11 20.43528	09 44 37.69	+16 13 06.2	17.9 V 691
(2295)	1994 01 18.40672	08 30 58.81	+19 41 36.3	15.4 V 691	(3172)	1993 11 20.50213	09 44 40.23	+16 12 58.9	691
(2295)	1994 01 18.43789	08 30 57.05	+19 41 40.8	691	(3172)	1994 01 12.34045	09 44 39.62	+17 51 13.6	17.1 V 691
(2426)	1994 01 12.08555	03 51 40.33	+17 09 12.2	16.1 V 691	(3172)	1994 01 12.37361	09 44 38.21	+17 51 23.9	691
(2426)	1994 01 12.11125	03 51 39.99	+17 09 09.4	691	(3172)	1994 01 12.40677	09 44 36.78	+17 51 34.7	691
(2426)	1994 01 12.13708	03 51 39.56	+17 09 07.0	691	(3172)	1994 01 13.45537	09 43 51.65	+17 57 05.5	17.1 V 691
(2574)	1994 01 11.48766	09 10 42.05	+19 22 04.2	15.8 V 691	(3172)	1994 01 13.47621	09 43 50.71	+17 57 11.9	691
(2574)	1994 01 11.51462	09 10 40.82	+19 22 09.6	691	(3172)	1994 01 13.49643	09 43 49.80	+17 57 18.2	691
(2574)	1994 01 11.54172	09 10 39.66	+19 22 14.9	691	(3172)	1994 01 14.38879	09 43 10.46	+18 02 04.1	691
(2616)	1994 01 18.26887	07 40 36.30	+20 04 46.1	14.6 V 691	(3172)	1994 01 14.41567	09 43 09.21	+18 02 12.5	17.3 V 691
(2616)	1994 01 18.29594	07 40 34.20	+20 04 51.1	691	(3172)	1994 01 14.43484	09 43 08.31	+18 02 18.9	691
(2616)	1994 01 18.32285	07 40 32.50	+20 04 56.6	691	(3184)	1994 01 08.09037	03 37 16.61	+14 29 10.8	691
(2778)	1994 01 04.37030	08 13 09.44	+22 53 07.9	15.6 V 691	(3184)	1994 01 08.12300	03 37 16.48	+14 29 19.1	16.4 V 691
(2778)	1994 01 04.41919	08 13 06.34	+22 53 25.0	691	(3184)	1994 01 08.15626	03 37 16.25	+14 29 27.6	691
(2778)	1994 01 04.46236	08 13 03.59	+22 53 39.8	691	(3296)	1994 01 07.28352	07 42 48.89	+20 29 42.1	691
(2885)	1994 01 16.27646	08 48 58.45	+21 44 43.1	691	(3296)	1994 01 07.32674	07 42 46.28	+20 30 03.4	691
(2885)	1994 01 16.31241	08 48 55.90	+21 44 51.0	16.8 V 691	(3296)	1994 01 07.36921	07 42 43.57	+20 30 24.4	14.9 V 691
(2885)	1994 01 17.37555	08 47 42.16	+21 48 36.9	16.2 V 691	(3296)	1994 01 11.16875	07 38 52.29	+21 01 38.8	691
(2885)	1994 01 17.41479	08 47 39.33	+21 48 45.1	691	(3296)	1994 01 11.20247	07 38 50.16	+21 01 55.5	14.7 V 691
(2885)	1994 01 17.44934	08 47 36.76	+21 48 51.8	691	(3296)	1994 01 11.23650	07 38 47.89	+21 02 10.1	691
(2969)	1993 12 15.11634	03 34 04.78	+16 44 01.9	16.9 V 691	(3422)	1994 01 08.46193	09 17 46.74	+21 08 34.1	691
(2969)	1993 12 15.15314	03 34 03.30	+16 43 57.5	691	(3422)	1994 01 08.49565	09 17 45.37	+21 08 48.6	691
(2969)	1993 12 15.18725	03 34 01.91	+16 43 53.0	691	(3422)	1994 01 08.52976	09 17 44.03	+21 09 03.5	16.7 V 691
(3057)	1993 12 16.25732	03 42 08.38	+18 07 53.1	16.5 V 691	(3422)	1994 01 17.39191	09 11 18.85	+22 15 39.1	16.5 V 691
(3057)	1993 12 16.29080	03 42 06.55	+18 07 55.0	691	(3422)	1994 01 17.43116	09 11 16.89	+22 15 57.0	691
(3057)	1993 12 16.32469	03 42 04.71	+18 07 56.6	691	(3422)	1994 01 17.46572	09 11 15.26	+22 16 13.0	691
(3057)	1993 12 17.23683	03 41 17.72	+18 08 45.3	16.8 V 691	(3577)	1993 11 10.10976	01 09 12.41	+12 30 12.4	691
(3057)	1993 12 17.27098	03 41 15.94	+18 08 47.1	691	(3577)	1993 11 10.14928	01 09 11.21	+12 30 03.4	15.6 V 691
(3057)	1993 12 17.31512	03 41 13.56	+18 08 49.3	691	(3577)	1993 11 10.18854	01 09 10.03	+12 29 54.2	691
(3061)	1993 11 21.37093	03 35 16.73	+15 51 24.5	15.0 V 691	(3584)	1994 01 11.18574	08 03 23.73	+20 59 07.5	691
(3061)	1993 11 21.40470	03 35 14.84	+15 51 20.3	691	(3584)	1994 01 11.21947	08 03 21.89	+20 59 11.5	15.6 V 691
(3061)	1993 11 21.43751	03 35 13.13	+15 51 16.1	691	(3584)	1994 01 11.25350	08 03 19.98	+20 59 15.6	691
(3061)	1993 12 16.07778	03 17 25.32	+15 19 33.1	16.5 V 691	(3589)	1994 01 07.20328	07 39 45.47	+21 14 58.8	691
(3061)	1993 12 16.11125	03 17 24.33	+15 19 32.2	691	(3589)	1994 01 07.23252	07 39 43.53	+21 15 09.6	15.4 V 691
(3061)	1993 12 16.14517	03 17 23.27	+15 19 31.5	691	(3589)	1994 01 07.25722	07 39 41.76	+21 15 18.7	691
(3062)	1994 01 08.44427	08 52 17.47	+21 08 57.9	691	(3590)	1993 12 16.38698	09 02 36.81	+13 45 54.9	691
(3062)	1994 01 08.47799	08 52 16.02	+21 09 10.8	691	(3590)	1993 12 16.41968	09 02 36.86	+13 45 59.4	16.0 V 691
(3062)	1994 01 08.51210	08 52 14.54	+21 09 23.6	15.1 V 691	(3590)	1993 12 16.45239	09 02 36.92	+13 46 04.1	691
(3062)	1994 01 17.37399	08 45 26.88	+22 07 01.7	691	(3613)	1993 12 15.10873	03 23 05.51	+16 54 59.7	16.3 V 691
(3062)	1994 01 17.41324	08 45 24.91	+22 07 16.8	14.7 V 691	(3613)	1993 12 15.14552	03 23 03.77	+16 55 02.5	691
(3062)	1994 01 17.44780	08 45 22.97	+22 07 26.9	691	(3613)	1993 12 15.17963	03 23 02.18	+16 55 05.2	691
(3091)	1993 12 16.24855	03 29 29.05	+18 06 10.6	17.6 V 691	(3639)	1994 01 14.27580	07 49 42.45	+17 19 37.5	15.9 V 691
(3091)	1993 12 16.28203	03 29 27.51	+18 06 04.6	691	(3639)	1994 01 14.29555	07 49 41.22	+17 19 40.9	691
(3091)	1993 12 16.31593	03 29 25.98	+18 05 58.1	691	(3639)	1994 01 14.31528	07 49 39.87	+17 19 43.6	691

(3674)	1993 12 16.51617	12 34 43.31	-22 30 04.1	17.8 V	691	(4198)	1994 01 09.34443	09 31 14.77	+15 59 42.5		691
(3674)	1993 12 16.52352	12 34 43.64	-22 30 09.0		691	(4198)	1994 01 09.37787	09 31 13.72	+15 59 49.2	18.3 V	691
(3674)	1993 12 16.53041	12 34 43.98	-22 30 13.8		691	(4198)	1994 01 09.41135	09 31 12.71	+15 59 56.3		691
(3701)	1994 01 07.28899	07 50 42.55	+20 31 47.5		691	(4218)	1993 11 21.37052	03 34 41.41	+15 32 59.0	16.8 V	691
(3701)	1994 01 07.33221	07 50 40.21	+20 31 57.2	15.4 V	691	(4218)	1993 11 21.40429	03 34 39.13	+15 32 48.2		691
(3701)	1994 01 07.37469	07 50 37.72	+20 32 07.6		691	(4218)	1993 11 21.43709	03 34 37.06	+15 32 37.8		691
(3701)	1994 01 11.17444	07 47 05.15	+20 48 37.7	15.5 V	691	(4258)	1993 12 08.27467	05 00 19.76	+24 08 35.7		691
(3701)	1994 01 11.20817	07 47 03.18	+20 48 46.6		691	(4258)	1993 12 08.31229	05 00 17.51	+24 08 34.6	15.8 V	691
(3701)	1994 01 11.24220	07 47 01.20	+20 48 55.5		691	(4258)	1993 12 08.34743	05 00 15.44	+24 08 34.2		691
(3701)	1994 01 12.16637	07 46 08.70	+20 52 55.7	15.8 V	691	(4265)	1993 12 14.23870	04 14 35.24	+14 39 55.8	15.7 V	691
(3701)	1994 01 12.19456	07 46 07.11	+20 53 03.4		691	(4265)	1993 12 14.27311	04 14 33.41	+14 39 57.6		691
(3701)	1994 01 12.22284	07 46 05.36	+20 53 09.6		691	(4265)	1993 12 14.30706	04 14 31.57	+14 39 59.7		691
(3712)	1994 01 10.18092	07 46 24.83	+15 36 43.1	13.3 V	691	(4394)	1994 01 10.49637	09 06 26.52	+14 47 39.6	19.2 V	691
(3712)	1994 01 10.21385	07 46 21.65	+15 36 05.8		691	(4394)	1994 01 10.51043	09 06 25.78	+14 47 42.5		691
(3726)	1994 01 05.18754	07 47 46.15	+21 36 18.2	15.9 V	691	(4394)	1994 01 10.52446	09 06 25.07	+14 47 46.1		691
(3726)	1994 01 05.23981	07 47 43.26	+21 36 28.3		691	(4398)	1994 01 08.09287	03 40 53.00	+14 56 48.7	16.4 V	691
(3726)	1994 01 05.28578	07 47 40.77	+21 36 37.1		691	(4398)	1994 01 08.12550	03 40 52.92	+14 56 55.9		691
(3798)	1993 11 09.09571	01 16 39.24	+12 23 21.9	16.6 V	691	(4398)	1994 01 08.15876	03 40 52.75	+14 57 04.0		691
(3798)	1993 11 09.13549	01 16 37.33	+12 23 09.5		691	(4415)	1994 01 11.47588	08 53 41.49	+19 11 21.9	17.9 V	691
(3798)	1993 11 09.17534	01 16 35.40	+12 22 56.7		691	(4415)	1994 01 11.50283	08 53 40.04	+19 11 26.3		691
(3878)	1993 12 15.12723	03 49 48.54	+16 39 16.2	17.2 V	691	(4415)	1994 01 11.52993	08 53 38.50	+19 11 30.8		691
(3878)	1993 12 15.16403	03 49 47.00	+16 39 12.9		691	(4422)	1994 01 16.48438	10 17 46.02	+09 06 14.0	16.2 V	691
(3878)	1993 12 15.19815	03 49 45.64	+16 39 09.8		691	(4422)	1994 01 16.50001	10 17 45.50	+09 06 18.2		691
(3911)	1993 11 17.10971	22 25 32.90	-02 32 03.2		691	(4422)	1994 01 16.51528	10 17 44.96	+09 06 22.4		691
(3911)	1993 11 17.12943	22 25 33.73	-02 32 04.1	16.6 V	691	(4426)	1993 12 16.38767	09 03 36.07	+14 14 00.3	16.9 V	691
(3911)	1993 11 17.15128	22 25 34.64	-02 32 05.2		691	(4426)	1993 12 16.42036	09 03 35.57	+14 14 00.3		691
(3923)	1994 01 13.34946	07 47 49.59	+17 59 52.0	15.5 V	691	(4426)	1993 12 16.45306	09 03 35.10	+14 14 00.4		691
(3923)	1994 01 13.37825	07 47 48.31	+17 59 56.5		691	(4426)	1994 01 19.44145	08 43 03.00	+15 10 44.8		691
(3923)	1994 01 13.40721	07 47 46.96	+18 00 01.2		691	(4426)	1994 01 19.46033	08 43 01.92	+15 10 48.2	16.0 V	691
(3994)	1994 01 08.46395	09 20 41.22	+20 49 40.1	17.4 V	691	(4426)	1994 01 19.47935	08 43 00.87	+15 10 51.6		691
(3994)	1994 01 08.49767	09 20 39.76	+20 49 49.2		691	(4462)	1994 01 04.24171	07 38 53.35	+22 37 07.9	16.7 V	691
(3994)	1994 01 08.53177	09 20 38.25	+20 49 58.2		691	(4462)	1994 01 04.32645	07 38 48.84	+22 37 20.8		691
(3994)	1994 01 11.38853	09 18 29.55	+21 02 53.2	16.9 V	691	(4542)	1994 01 04.41125	08 01 38.77	+23 05 25.5	15.1 V	691
(3994)	1994 01 11.42465	09 18 27.77	+21 03 03.0		691	(4542)	1994 01 04.45443	08 01 36.68	+23 05 39.6		691
(3994)	1994 01 11.46097	09 18 26.06	+21 03 13.1		691	(4559)	1994 01 13.23080	07 30 15.61	+19 15 37.5	16.4 V	691
(3994)	1994 01 16.29412	09 14 28.01	+21 25 32.9		691	(4559)	1994 01 13.26551	07 30 13.68	+19 15 48.7		691
(3994)	1994 01 16.36472	09 14 24.28	+21 25 52.3	17.2 V	691	(4559)	1994 01 13.30012	07 30 11.74	+19 15 59.7		691
(4059)	1993 12 16.25316	03 36 08.28	+17 56 32.5		691	(4583)	1993 12 13.32786	03 44 43.88	+13 46 30.5	16.7 V	691
(4059)	1993 12 16.28665	03 36 07.01	+17 56 24.4	16.1 V	691	(4583)	1993 12 13.36044	03 44 42.31	+13 46 27.5		691
(4059)	1993 12 16.32055	03 36 05.76	+17 56 15.7		691	(4656)	1994 01 11.48247	09 03 12.66	+19 13 05.8	17.1 V	691
(4139)	1994 01 07.28236	07 41 08.24	+20 33 29.0	16.6 V	691	(4656)	1994 01 11.50943	09 03 11.46	+19 13 11.3		691
(4139)	1994 01 07.32558	07 41 06.14	+20 33 34.8		691	(4656)	1994 01 11.53653	09 03 10.27	+19 13 16.3		691
(4139)	1994 01 07.36806	07 41 03.89	+20 33 41.0		691	(4762)	1993 11 09.09049	01 09 06.65	+12 20 54.7	15.1 V	691
(4139)	1994 01 11.16806	07 37 53.15	+20 42 16.5		691	(4762)	1993 11 09.13027	01 09 04.71	+12 20 52.4		691
(4139)	1994 01 11.20180	07 37 51.42	+20 42 21.0	16.7 V	691	(4762)	1993 11 09.17011	01 09 02.74	+12 20 50.1		691
(4139)	1994 01 11.23583	07 37 49.64	+20 42 25.7		691	(4774)	1994 01 07.28610	07 46 32.28	+20 35 20.3	14.8 V	691
(4139)	1994 01 12.16007	07 37 03.05	+20 44 31.2		691	(4774)	1994 01 07.32931	07 46 29.21	+20 35 21.5		691
(4139)	1994 01 12.18826	07 37 01.54	+20 44 34.0		691	(4774)	1994 01 07.37178	07 46 26.19	+20 35 23.0		691
(4139)	1994 01 12.21654	07 37 00.09	+20 44 38.1	16.9 V	691	(4785)	1994 01 04.22164	07 45 17.86	+22 07 53.3		691
(4193)	1994 01 07.28221	07 40 55.90	+20 37 06.2		691	(4785)	1994 01 04.26612	07 45 15.15	+22 07 57.3		691
(4193)	1994 01 07.32544	07 40 53.65	+20 37 14.0		691	(4785)	1994 01 04.31094	07 45 12.46	+22 08 01.4	16.7 V	691
(4193)	1994 01 07.36792	07 40 51.27	+20 37 19.9	15.6 V	691	(4857)	1993 11 09.11874	01 58 48.89	+17 16 24.7		691

(4857)	1993 11 09.15840	01 58 45.77	+17 16 27.9	16.6 V	691	1994 AW ₁	1994 01 20.28162	06 51 24.99	+05 07 37.7	729
(4857)	1993 11 09.19849	01 58 42.57	+17 16 31.9		691	1994 AW ₁	1994 01 20.28331	06 51 24.57	+05 07 29.1	729
(4857)	1993 11 20.14950	01 45 29.28	+17 31 30.7		691	1994 AW ₁	1994 01 20.28505	06 51 24.11	+05 07 20.2	729
(4857)	1993 11 20.18316	01 45 27.11	+17 31 34.9	17.0 V	691	1994 AW ₁	1994 01 20.28677	06 51 23.69	+05 07 11.4	729
(4857)	1993 11 20.21653	01 45 24.85	+17 31 37.0		691	1994 AW ₁	1994 01 20.28856	06 51 23.26	+05 07 02.5	729
(4967)	1994 01 12.31866	09 13 12.91	+17 30 00.0		691					
(4967)	1994 01 12.35183	09 13 11.55	+17 30 14.2	16.1 V	691					
(4967)	1994 01 12.38499	09 13 10.30	+17 30 28.1		691					
(5145)	1993 12 10.43707	10 47 16.62	+21 54 08.0	17.0 V	691					
(5145)	1993 12 10.47087	10 47 16.83	+21 54 11.5	17.0 V	691					
(5145)	1993 12 10.50790	10 47 17.05	+21 54 16.1	17.0 V	691					
(5145)	1993 12 17.46539	10 47 53.95	+22 08 15.0	17.1 V	691					
(5145)	1993 12 17.49971	10 47 53.92	+22 08 19.4	17.1 V	691					
(5145)	1993 12 17.53724	10 47 54.13	+22 08 24.1	17.1 V	691					
(5145)	1993 12 18.42659	10 47 57.27	+22 10 20.1		691					
(5145)	1993 12 18.49732	10 47 57.46	+22 10 29.4	16.8 V	691					
(5145)	1993 12 18.53880	10 47 57.57	+22 10 35.0		691					
(5365)	1994 01 11.47987	08 59 26.76	+18 58 10.8		691					
(5365)	1994 01 11.50682	08 59 25.35	+18 58 18.3		691					
(5365)	1994 01 11.53392	08 59 23.75	+18 58 25.6	17.4 V	691					
(5414)	1993 11 20.43200	09 39 53.63	+16 23 55.3		691					
(5414)	1993 11 20.46546	09 39 54.70	+16 23 50.8	18.2 V	691					
(5414)	1993 11 20.49884	09 39 55.90	+16 23 46.4		691					
(5414)	1994 01 10.41326	09 40 35.10	+16 53 45.2		691					
(5414)	1994 01 10.44902	09 40 33.85	+16 53 52.0	17.1 V	691					
(5414)	1994 01 10.48210	09 40 32.64	+16 53 58.3		691					
(5419)	1994 01 12.43867	09 27 27.47	+13 11 37.6	17.8 V	691					
(5419)	1994 01 12.47102	09 27 26.17	+13 11 40.6		691					
(5419)	1994 01 12.50339	09 27 24.89	+13 11 44.1		691					
(5428)	1994 01 04.15433	04 17 16.13	+21 38 16.8	17.4 V	691					
(5428)	1994 01 04.17331	04 17 15.57	+21 38 16.2		691					
(5428)	1994 01 04.19117	04 17 15.00	+21 38 14.2		691					
(5590)	1994 01 13.15883	03 57 14.39	-19 47 23.5	19.9 V	691					
(5590)	1994 01 13.16756	03 57 13.78	-19 47 19.6		691					
(5590)	1994 01 13.17623	03 57 13.20	-19 47 14.6		691					
(5677)	1994 01 12.43899	09 27 55.70	+12 44 43.1	16.6 V	691					
(5677)	1994 01 12.47135	09 27 54.45	+12 44 48.3		691					
(5677)	1994 01 12.50371	09 27 53.18	+12 44 53.5		691					
(5773)	1993 11 20.15504	01 53 28.81	+17 28 59.2	17.4 V	691					
(5773)	1993 11 20.18870	01 53 27.15	+17 28 51.7		691					
(5773)	1993 11 20.22208	01 53 25.45	+17 28 42.5		691					
(5777)	1993 12 10.30805	04 07 57.32	+09 59 52.4		691					
(5777)	1993 12 10.34804	04 07 55.14	+10 00 00.2	15.3 V	691					
(5777)	1993 12 10.39150	04 07 52.75	+10 00 08.7		691					

729 Glenlea Astronomical Observatory, Winnipeg

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Observers R. Bochonko, R. Brown

Measurer D. D. Balam

0.40-m reflector + CCD

GSC

$\lambda = 262.8792$, $\rho \cos \phi' = 0.64880$, $\rho \sin \phi' = +0.75845$ (see MPC 22434).

760 Goethe Link

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A.

Observers R. T. Grenchik, A. R. Klemola, J. E. Michlovic, C. L. Perry, D. V. Pytko

Measurers B. A. Skiff, P. W. Tracadas

0.25-m refractor

PDS scanning microdensitometer

PPM, global solutions

(71)	1962 09 06.31389	23 53 16.90	+25 10 11.0	12.7	760
(71)	1962 09 06.35764	23 53 14.37	+25 10 16.3		760
(338)	1952 10 24.20351	03 00 26.43	+25 41 03.1	13.1	760
(424)	1963 05 19.21806	16 00 28.23	-12 31 34.6	14.7	760
(1176)	1952 10 24.20351	02 58 32.48	+26 09 49.1	14.5	I 760
(1176)	1952 10 24.27364	02 58 29.00	+26 09 32.1		760
(1212)	1965 05 02.10069	12 59 30.36	+02 18 08.4		760
(1212)	1965 05 02.14306	12 59 29.16	+02 18 16.0		760
(1212)	1965 05 04.13889	12 58 37.73	+02 23 02.4	15.0	760
(1212)	1965 05 04.24375	12 58 34.97	+02 23 17.2		760
(1970)	1952 10 24.20351	02 49 24.55	+27 36 30.0		760
(2085)	1963 05 19.21806	16 01 36.64	-15 35 00.1		V 760
(2784)	1965 05 02.10069	13 02 44.15	+06 06 21.0		760
(2784)	1965 05 02.14306	13 02 41.97	+06 06 24.7		760
(2784)	1965 05 04.13889	13 01 14.50	+06 08 26.1		760
(2784)	1965 05 04.24375	13 01 09.87	+06 08 28.9		V 760
(2999)	1952 11 16.09323	01 56 03.79	+04 30 25.3		760
(2999)	1952 11 16.13420	01 56 01.79	+04 30 23.4		760
(3015)	1965 05 02.10069	13 01 10.39	+01 27 56.3		V 760
(3015)	1965 05 02.14306	13 01 08.59	+01 27 57.2		V 760
(3015)	1965 05 04.13889	12 59 54.19	+01 27 34.7		V 760
(3015)	1965 05 04.24375	12 59 50.15	+01 27 34.9		V 760
(3227)	1963 05 19.21806	15 58 58.37	-13 54 52.2		760
(3300)	1952 10 24.20351	03 01 07.74	+25 05 41.3		760
(3300)	1952 10 24.27364	03 01 03.81	+25 05 47.2		760
(3687)	1962 09 06.31389	00 07 19.90	+22 54 14.1		760
(3687)	1962 09 06.35764	00 07 18.45	+22 53 59.5		760
(4022)	1952 10 24.27364	03 09 35.47	+25 09 16.2		760
(5134)	1965 05 02.10069	13 10 56.73	+04 35 50.2		760
(5134)	1965 05 02.14306	13 10 54.89	+04 35 52.7		760
(5134)	1965 05 04.13889	13 09 36.74	+04 37 02.3		V 760
(5134)	1965 05 04.24375	13 09 32.67	+04 37 04.8		V 760
(5565)	1965 05 04.13889	13 01 28.27	+06 48 06.8		V 760

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Observers T. J. Balonek, T. Tongue

Measurers T. J. Balonek, S. Leonard
0.40-m $f/13$ Cassegrain reflector + CCD

(4341)	1992 05 20.29150	15 57 41.92	+13 12 02.6	776
(4341)	1992 05 20.29663	15 57 40.94	+13 11 49.6	776
(4341)	1992 05 20.31093	15 57 38.31	+13 11 12.0	776

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Observers R. E. McCrosky, C.-Y. Shao
1.5-m reflector + CCD

GSC				
1992 NP	1992 09 25.00775	19 03 15.03	-19 00 44.0	801
1992 UO ₄	1993 11 11.34544	07 38 13.67	+28 29 54.4	801
1992 UO ₄	1993 11 11.38616	07 38 13.77	+28 30 05.1	801
1993 OA ₃	1993 12 17.96636	23 25 32.58	+26 04 49.9	801
1993 OA ₃	1993 12 17.98417	23 25 34.84	+26 04 44.3	801
1993 UB	1993 12 12.99176	23 50 59.84	+44 03 49.4	U 801
1993 UB	1993 12 17.98041	23 57 08.53	+46 43 47.6	801
(945)	1993 12 17.40194	11 04 59.52	+04 49 12.1	801
(945)	1993 12 17.42113	11 04 59.91	+04 48 53.4	801
(945)	1993 12 18.44904	11 05 20.96	+04 32 11.8	801
(945)	1993 12 18.45185	11 05 21.01	+04 32 09.0	801
(2968)	1993 12 17.12366	03 26 11.66	+25 38 57.3	801
(2968)	1993 12 18.09587	03 25 35.55	+25 31 49.4	801
(5349)	1993 12 17.43869	12 30 09.66	+25 41 12.8	801
(5349)	1993 12 17.44280	12 30 09.93	+25 41 10.2	801

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Observers E. W. Elst, G. Pizarro, O. Pizarro
Measurer E. W. Elst

1.0-m Schmidt				
1973 EK	1993 10 20.15625	01 03 48.62	+06 39 42.3	18.2 809
1973 EK	1993 10 20.16944	01 03 47.97	+06 39 38.2	809
1973 EK	1993 10 20.18264	01 03 47.29	+06 39 33.3	809
1975 RP	1993 10 20.15625	01 03 30.76	+06 37 50.2	18.0 809
1975 RP	1993 10 20.16944	01 03 30.16	+06 37 46.1	809
1975 RP	1993 10 20.18264	01 03 29.58	+06 37 43.4	809
1978 RZ	1993 10 20.15625	01 11 03.16	+02 29 07.7	17.5 809
1978 RZ	1993 10 20.16944	01 11 02.48	+02 29 03.5	809
1978 RZ	1993 10 20.18264	01 11 01.83	+02 29 00.0	809
1979 MF ₂	1993 10 20.15625	01 09 16.46	+06 21 35.5	18.3 809
1979 MF ₂	1993 10 20.16944	01 09 15.77	+06 21 31.5	809
1979 MF ₂	1993 10 20.18264	01 09 15.00	+06 21 26.9	809
1979 MJ ₅	1993 09 17.25833	00 41 35.54	+02 46 50.1	809
1979 MJ ₅	1993 09 17.26875	00 41 34.96	+02 46 45.5	809
1979 MJ ₅	1993 09 17.27917	00 41 34.44	+02 46 40.3	809
1979 MR ₆	1993 10 09.19236	01 32 22.72	+05 24 57.8	809
1979 MR ₆	1993 10 09.20556	01 32 22.17	+05 24 52.7	809
1979 MR ₆	1993 10 09.21875	01 32 21.36	+05 24 47.1	809
1979 MR ₆	1993 10 11.15972	01 30 29.33	+05 10 32.7	18.5 809

1979 MR ₆	1993 10 11.17292	01 30 28.47	+05 10 25.5	809
1979 MR ₆	1993 10 11.18611	01 30 27.72	+05 10 20.5	809
1981 EK ₂₃	1993 10 20.15625	00 56 09.79	+04 24 59.3	18.0 809
1981 EK ₂₃	1993 10 20.16944	00 56 09.12	+04 24 53.7	809
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1981 EH ₂₄	1993 09 17.25833	00 54 40.70	+04 24 59.0	809
1981 EH ₂₄	1993 09 17.26875	00 54 40.18	+04 24 56.5	809
1981 EH ₂₄	1993 09 17.27917	00 54 39.54	+04 24 54.0	809
1981 EH ₂₄	1993 09 18.25000	00 53 59.67	+04 21 17.8	18.4 809
1981 EH ₂₄	1993 09 18.26042	00 53 59.20	+04 21 16.0	809
1981 EH ₂₄	1993 09 18.27083	00 53 58.67	+04 21 13.7	809
1981 EP ₂₇	1993 10 09.19236	01 42 40.48	+04 50 22.8	809
1981 EP ₂₇	1993 10 09.20556	01 42 39.92	+04 50 15.5	809
1981 EP ₂₇	1993 10 09.21875	01 42 39.29	+04 50 08.5	809
1981 EP ₂₇	1993 10 11.15972	01 41 17.14	+04 33 02.4	18.2 809
1981 EP ₂₇	1993 10 11.17292	01 41 16.53	+04 32 54.7	809
1981 EP ₂₇	1993 10 11.18611	01 41 15.89	+04 32 48.0	809
1981 EP ₂₇	1993 10 20.20000	01 34 40.88	+03 14 37.9	18.2 809
1981 EP ₂₇	1993 10 20.21319	01 34 40.28	+03 14 31.7	809
1981 EP ₂₇	1993 10 20.22639	01 34 39.63	+03 14 25.0	809
1982 VZ	1993 09 17.25833	00 58 54.75	+03 42 04.0	809
1982 VZ	1993 09 17.26875	00 58 54.21	+03 42 00.9	809
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1982 VZ	1993 09 18.26042	00 58 18.96	+03 37 35.5	809
1982 VZ	1993 09 18.27083	00 58 18.51	+03 37 32.1	809
1985 JY	1993 10 09.19236	01 37 01.60	+07 24 16.3	809
1985 JY	1993 10 09.20556	01 37 01.04	+07 24 14.2	809
1985 JY	1993 10 09.21875	01 37 00.45	+07 24 11.0	809
1985 JY	1993 10 11.15972	01 35 36.94	+07 16 56.6	18.2 809
1985 JY	1993 10 11.17292	01 35 36.29	+07 16 54.1	809
1985 JY	1993 10 11.18611	01 35 35.70	+07 16 50.7	809
1985 JY	1993 10 20.20000	01 28 59.45	+06 43 12.9	18.3 809
1985 JY	1993 10 20.21319	01 28 58.85	+06 43 10.2	809
1985 JY	1993 10 20.22639	01 28 58.27	+06 43 07.8	809
1988 CG	1993 10 20.15625	01 07 34.41	+01 40 41.0	18.3 809
1988 CG	1993 10 20.16944	01 07 33.68	+01 40 35.8	809
1988 CG	1993 10 20.18264	01 07 32.98	+01 40 31.0	809
1988 FS ₂	1993 09 17.25833	00 38 21.03	+03 50 53.0	809
1988 FS ₂	1993 09 17.26875	00 38 20.43	+03 50 49.7	809
1988 FS ₂	1993 09 17.27917	00 38 19.79	+03 50 46.2	809
1988 UH	1993 09 17.25833	00 51 47.20	+06 57 34.7	809
1988 UH	1993 09 17.26875	00 51 46.77	+06 57 32.0	809
1988 UH	1993 09 17.27917	00 51 46.35	+06 57 28.5	809
1989 SR ₄	1993 10 09.19236	01 30 49.23	+05 24 30.3	809
1989 SR ₄	1993 10 09.20556	01 30 48.49	+05 24 28.7	809
1989 SR ₄	1993 10 09.21875	01 30 47.73	+05 24 27.0	809
1989 SR ₄	1993 10 11.15972	01 29 01.43	+05 19 53.2	18.2 809
1989 SR ₄	1993 10 11.17292	01 29 00.65	+05 19 51.4	809
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1989 SR ₄	1993 10 20.21319	01 20 31.85	+05 00 00.4	809

1989 SR ₄	1993 10 20.22639	01 20 31.03	+04 59 58.2	809	1993 SO ₃	1993 10 09.19236	01 26 18.45	+06 33 51.4	809
1989 TL ₁₅	1993 09 17.25833	00 42 15.92	+06 22 44.8	809	1993 SO ₃	1993 10 09.20556	01 26 17.67	+06 33 51.0	809
1989 TL ₁₅	1993 09 17.26875	00 42 15.44	+06 22 43.2	809	1993 SO ₃	1993 10 09.21875	01 26 16.93	+06 33 50.1	809
1989 TL ₁₅	1993 09 17.27917	00 42 14.88	+06 22 39.7	809	1993 SO ₃	1993 10 11.15972	01 24 33.60	+06 32 09.6	17.9 809
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1989 TL ₁₅	1993 09 18.26042	00 41 30.69	+06 18 57.7	809	1993 SO ₃	1993 10 11.18611	01 24 32.07	+06 32 07.2	809
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1989 UB ₃	1993 10 09.19236	01 43 35.79	+03 33 13.1	809	1993 SP ₃	1993 10 09.20556	01 38 39.60	+07 07 48.4	809
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1989 UB ₃	1993 10 20.22639	01 33 18.32	+03 01 33.0	809	1993 SQ ₃	1993 10 09.19236	01 38 12.96	+07 28 42.4	809
1990 XM	1993 10 09.19236	01 31 45.43	+03 55 54.6	809	1993 SQ ₃	1993 10 09.20556	01 38 12.34	+07 28 40.2	809
1990 XM	1993 10 09.20556	01 31 44.80	+03 55 50.4	809	1993 SQ ₃	1993 10 09.21875	01 38 11.70	+07 28 37.2	809
1990 XM	1993 10 09.21875	01 31 44.03	+03 55 45.6	809	1993 SQ ₃	1993 10 11.15972	01 36 44.95	+07 21 35.3	18.0 809
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1991 DN ₁	1993 10 20.21319	01 18 21.22	+05 20 50.5	809	1993 SQ ₅	1993 09 18.27083	00 38 51.00	+04 54 07.6	809
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1993 SH ₁	1993 09 17.25833	00 49 25.51	+03 08 50.0	809	1993 SR ₅	1993 09 17.26875	00 40 08.48	+06 19 48.8	809
1993 SH ₁	1993 09 17.26875	00 49 24.97	+03 08 44.5	809	1993 SR ₅	1993 09 17.27917	00 40 07.93	+06 19 46.6	809
1993 SH ₁	1993 09 17.27917	00 49 24.52	+03 08 37.6	809	1993 SR ₅	1993 09 18.25000	00 39 19.98	+06 15 43.8	18.3 809
1993 SH ₁	1993 09 18.25000	00 48 46.87	+02 58 54.2	18.0 809	1993 SR ₅	1993 09 18.26042	00 39 19.43	+06 15 41.6	809
1993 SH ₁	1993 09 18.26042	00 48 46.43	+02 58 49.1	809	1993 SR ₅	1993 09 18.27083	00 39 18.85	+06 15 37.9	809
1993 SH ₁	1993 09 18.27083	00 48 45.89	+02 58 41.9	809	1993 SS ₅	* 1993 09 17.25833	00 40 14.92	+06 35 17.8	809
1993 SJ ₁	1993 09 17.25833	00 57 28.31	+03 31 34.5	809	1993 SS ₅	1993 09 17.26875	00 40 14.44	+06 35 12.7	809
1993 SJ ₁	1993 09 17.26875	00 57 27.79	+03 31 28.1	809	1993 SS ₅	1993 09 17.27917	00 40 13.90	+06 35 08.9	809
1993 SJ ₁	1993 09 17.27917	00 57 27.32	+03 31 21.6	809	1993 SS ₅	1993 09 18.25000	00 39 33.91	+06 28 31.1	18.5 809
1993 SJ ₁	1993 09 18.25000	00 56 47.69	+03 21 55.5	18.0 809	1993 SS ₅	1993 09 18.26042	00 39 33.40	+06 28 27.6	809
1993 SJ ₁	1993 09 18.26042	00 56 47.19	+03 21 49.0	809	1993 SS ₅	1993 09 18.27083	00 39 32.89	+06 28 22.3	809
1993 SJ ₁	1993 09 18.27083	00 56 46.67	+03 21 42.4	809	1993 ST ₅	* 1993 09 17.25833	00 40 24.60	+05 00 41.4	809
1993 SM ₃	1993 10 20.15625	01 15 13.13	+05 04 54.6	18.1 809	1993 ST ₅	1993 09 17.26875	00 40 23.95	+05 00 37.4	809
1993 SM ₃	1993 10 20.16944	01 15 12.53	+05 04 50.7	809	1993 ST ₅	1993 09 17.27917	00 40 23.36	+05 00 33.2	809
1993 SM ₃	1993 10 20.18264	01 15 11.89	+05 04 47.1	809	1993 ST ₅	1993 09 18.25000	00 39 30.73	+04 53 48.8	18.0 809

1993 ST ₅	1993 09 18.26042	00 39 30.19	+04 53 44.4	809	1993 SC ₆	1993 09 17.27917	00 43 22.61	+07 24 10.5		809	
1993 ST ₅	1993 09 18.27083	00 39 29.56	+04 53 39.1	809	1993 SC ₆	1993 09 18.25000	00 42 30.87	+07 17 24.1	18.4	809	
1993 SU ₅	* 1993 09 17.25833	00 40 45.61	+05 38 21.4	809	1993 SC ₆	1993 09 18.26042	00 42 30.26	+07 17 20.5		809	
1993 SU ₅	1993 09 17.26875	00 40 44.93	+05 38 16.0	809	1993 SC ₆	1993 09 18.27083	00 42 29.61	+07 17 15.6		809	
1993 SU ₅	1993 09 17.27917	00 40 44.40	+05 38 11.6	809	1993 SD ₆	* 1993 09 17.25833	00 43 23.98	+06 56 53.2		809	
1993 SU ₅	1993 09 18.25000	00 39 55.49	+05 31 47.4	18.4	809	1993 SD ₆	1993 09 17.26875	00 43 23.30	+06 56 54.4	809	
1993 SU ₅	1993 09 18.26042	00 39 54.95	+05 31 43.5	809	809	1993 SD ₆	1993 09 17.27917	00 43 22.67	+06 56 55.3	809	
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1993 SV ₅	* 1993 09 17.25833	00 41 29.54	+03 52 38.3	809	809	1993 SD ₆	1993 09 18.26042	00 42 22.09	+06 57 40.0	809	
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1993 SV ₅	1993 09 17.27917	00 41 28.58	+03 52 29.7	809	809	1993 SE ₆	* 1993 09 17.25833	00 43 24.75	+05 20 02.2	809	
1993 SV ₅	1993 09 18.25000	00 40 47.79	+03 46 12.7	18.3	809	1993 SE ₆	1993 09 17.26875	00 43 24.22	+05 19 58.9	809	
1993 SV ₅	1993 09 18.26042	00 40 47.30	+03 46 09.7	809	809	1993 SE ₆	1993 09 17.27917	00 43 23.80	+05 19 56.5	809	
1993 SV ₅	1993 09 18.27083	00 40 46.81	+03 46 05.5	809	809	1993 SE ₆	1993 09 18.25000	00 42 47.29	+05 15 35.4	18.4	809
1993 SW ₅	* 1993 09 17.25833	00 41 34.02	+03 55 25.9	809	809	1993 SE ₆	1993 09 18.26042	00 42 46.87	+05 15 32.6	809	
1993 SW ₅	1993 09 17.26875	00 41 33.52	+03 55 23.9	809	809	1993 SE ₆	1993 09 18.27083	00 42 46.43	+05 15 29.8	809	
1993 SW ₅	1993 09 17.27917	00 41 33.01	+03 55 21.0	809	809	1993 SF ₆	* 1993 09 17.25833	00 43 25.28	+03 11 08.0	809	
1993 SW ₅	1993 09 18.25000	00 40 53.01	+03 51 35.6	18.3	809	1993 SF ₆	1993 09 17.26875	00 43 24.83	+03 11 02.6	809	
1993 SW ₅	1993 09 18.26042	00 40 52.56	+03 51 32.6	809	809	1993 SF ₆	1993 09 17.27917	00 43 24.34	+03 10 56.7	809	
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1993 SX ₅	* 1993 09 17.25833	00 41 34.39	+03 30 26.0	809	809	1993 SF ₆	1993 09 18.26042	00 42 45.88	+03 02 23.1	809	
1993 SX ₅	1993 09 17.26875	00 41 33.85	+03 30 23.2	809	809	1993 SF ₆	1993 09 18.27083	00 42 45.41	+03 02 18.1	809	
1993 SX ₅	1993 09 17.27917	00 41 33.20	+03 30 19.7	809	809	1993 SG ₆	* 1993 09 17.25833	00 43 38.06	+03 00 54.5	809	
1993 SX ₅	1993 09 18.25000	00 40 43.86	+03 26 40.4	18.5	809	1993 SG ₆	1993 09 17.26875	00 43 37.47	+03 00 51.4	809	
1993 SX ₅	1993 09 18.26042	00 40 43.35	+03 26 38.8	809	809	1993 SG ₆	1993 09 17.27917	00 43 36.89	+03 00 48.5	809	
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1993 SY ₅	* 1993 09 17.25833	00 41 35.68	+05 05 04.1	809	809	1993 SG ₆	1993 09 18.26042	00 42 48.09	+02 57 15.7	809	
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1993 SY ₅	1993 09 17.27917	00 41 34.62	+05 04 55.1	809	809	1993 SH ₆	* 1993 09 17.25833	00 43 39.11	+03 04 37.1	809	
1993 SY ₅	1993 09 18.25000	00 40 51.64	+04 57 50.9	18.1	809	1993 SH ₆	1993 09 17.26875	00 43 38.50	+03 04 33.7	809	
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1993 SY ₅	1993 09 18.27083	00 40 50.65	+04 57 42.4	809	809	1993 SH ₆	1993 09 18.25000	00 42 52.93	+02 58 24.9	18.5	809
1993 SZ ₅	* 1993 09 17.25833	00 42 00.12	+05 41 40.6	809	809	1993 SH ₆	1993 09 18.26042	00 42 52.38	+02 58 21.8	809	
1993 SZ ₅	1993 09 17.26875	00 41 59.63	+05 41 35.0	809	809	1993 SH ₆	1993 09 18.27083	00 42 51.84	+02 58 17.1	809	
1993 SZ ₅	1993 09 17.27917	00 41 59.12	+05 41 33.0	809	809	1993 SJ ₆	* 1993 09 17.25833	00 43 39.23	+07 28 21.1	809	
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1993 SZ ₅	1993 09 18.26042	00 41 15.52	+05 35 29.9	809	809	1993 SJ ₆	1993 09 17.27917	00 43 38.01	+07 28 18.5	809	
1993 SZ ₅	1993 09 18.27083	00 41 14.94	+05 35 25.1	809	809	1993 SJ ₆	1993 09 18.25000	00 42 44.62	+07 26 06.9	18.3	809
1993 SA ₆	* 1993 09 17.25833	00 42 48.22	+03 01 22.0	809	809	1993 SJ ₆	1993 09 18.26042	00 42 44.07	+07 26 04.4	809	
1993 SA ₆	1993 09 17.26875	00 42 47.61	+03 01 17.1	809	809	1993 SJ ₆	1993 09 18.27083	00 42 43.45	+07 26 03.7	809	
1993 SA ₆	1993 09 17.27917	00 42 47.21	+03 01 15.6	809	809	1993 SK ₆	* 1993 09 17.25833	00 43 52.89	+04 15 59.6	809	
1993 SA ₆	1993 09 18.25000	00 42 08.54	+02 56 34.4	18.5	809	1993 SK ₆	1993 09 17.26875	00 43 52.44	+04 15 59.0	809	
1993 SA ₆	1993 09 18.26042	00 42 08.00	+02 56 31.4	809	809	1993 SK ₆	1993 09 17.27917	00 43 51.92	+04 15 57.9	809	
1993 SA ₆	1993 09 18.27083	00 42 07.49	+02 56 28.1	809	809	1993 SK ₆	1993 09 18.25000	00 43 13.60	+04 15 11.9	18.4	809
1993 SB ₆	* 1993 09 17.25833	00 42 58.65	+07 08 40.2	809	809	1993 SK ₆	1993 09 18.26042	00 43 13.18	+04 15 11.6	809	
1993 SB ₆	1993 09 17.26875	00 42 58.16	+07 08 36.3	809	809	1993 SK ₆	1993 09 18.27083	00 43 12.65	+04 15 10.2	809	
1993 SB ₆	1993 09 17.27917	00 42 57.70	+07 08 33.2	809	809	1993 SL ₆	* 1993 09 17.25833	00 44 06.58	+04 07 04.7	809	
1993 SB ₆	1993 09 18.25000	00 42 19.93	+07 03 40.7	18.6	809	1993 SL ₆	1993 09 17.26875	00 44 06.10	+04 07 00.6	809	
1993 SB ₆	1993 09 18.26042	00 42 19.48	+07 03 37.6	809	809	1993 SL ₆	1993 09 17.27917	00 44 05.50	+04 06 58.2	809	
1993 SB ₆	1993 09 18.27083	00 42 19.14	+07 03 34.1	809	809	1993 SL ₆	1993 09 18.25000	00 43 25.60	+04 01 49.4	18.2	809
1993 SC ₆	* 1993 09 17.25833	00 43 23.74	+07 24 18.9	809	809	1993 SL ₆	1993 09 18.26042	00 43 25.11	+04 01 46.0	809	
1993 SC ₆	1993 09 17.26875	00 43 23.06	+07 24 14.5	809	809	1993 SL ₆	1993 09 18.27083	00 43 24.64	+04 01 42.9	809	

1993 SM ₆	* 1993 09 17.25833	00 44 12.53	+05 10 33.8	809	1993 SU ₆	1993 09 18.26042	00 44 24.30	+04 58 43.0	809	
1993 SM ₆	1993 09 17.26875	00 44 12.22	+05 10 34.6	809	1993 SU ₆	1993 09 18.27083	00 44 23.81	+04 58 40.2	809	
1993 SM ₆	1993 09 17.27917	00 44 11.72	+05 10 35.7	809	1993 SV ₆	* 1993 09 17.25833	00 45 17.09	+05 12 33.2	809	
1993 SM ₆	1993 09 18.25000	00 43 32.63	+05 10 15.9	18.6	809	1993 SV ₆	1993 09 17.26875	00 45 16.67	+05 12 31.4	809
1993 SM ₆	1993 09 18.26042	00 43 32.15	+05 10 15.7	809	1993 SV ₆	1993 09 17.27917	00 45 16.23	+05 12 26.9	809	
1993 SM ₆	1993 09 18.27083	00 43 31.60	+05 10 15.1	809	1993 SV ₆	1993 09 18.25000	00 44 37.01	+05 08 01.4	18.4	809
1993 SN ₆	* 1993 09 17.25833	00 44 15.97	+04 25 19.2	809	1993 SV ₆	1993 09 18.26042	00 44 36.42	+05 07 59.6	809	
1993 SN ₆	1993 09 17.26875	00 44 15.57	+04 25 16.2	809	1993 SV ₆	1993 09 18.27083	00 44 35.98	+05 07 55.6	809	
1993 SN ₆	1993 09 17.27917	00 44 15.08	+04 25 11.9	809	1993 SW ₆	* 1993 09 17.25833	00 45 21.88	+06 54 48.7	809	
1993 SN ₆	1993 09 18.25000	00 43 37.40	+04 20 44.8	18.5	809	1993 SW ₆	1993 09 17.26875	00 45 21.23	+06 54 49.3	809
1993 SN ₆	1993 09 18.26042	00 43 36.91	+04 20 41.0	809	1993 SW ₆	1993 09 17.27917	00 45 20.63	+06 54 50.5	809	
1993 SN ₆	1993 09 18.27083	00 43 36.49	+04 20 38.7	809	1993 SW ₆	1993 09 18.25000	00 44 27.85	+06 55 55.2	18.0	809
1993 SO ₆	* 1993 09 17.25833	00 44 22.67	+05 00 09.0	809	1993 SW ₆	1993 09 18.26042	00 44 27.21	+06 55 55.5	809	
1993 SO ₆	1993 09 17.26875	00 44 22.09	+05 00 07.9	809	1993 SW ₆	1993 09 18.27083	00 44 26.59	+06 55 56.0	809	
1993 SO ₆	1993 09 17.27917	00 44 21.60	+05 00 06.9	809	1993 SX ₆	* 1993 09 17.25833	00 45 38.38	+04 17 16.7	809	
1993 SO ₆	1993 09 18.25000	00 43 41.35	+04 58 00.8	18.3	809	1993 SX ₆	1993 09 17.26875	00 45 37.73	+04 17 15.0	809
1993 SO ₆	1993 09 18.26042	00 43 40.86	+04 57 59.3	809	1993 SX ₆	1993 09 17.27917	00 45 37.13	+04 17 13.5	809	
1993 SO ₆	1993 09 18.27083	00 43 40.35	+04 57 57.8	809	1993 SX ₆	1993 09 18.25000	00 44 44.93	+04 14 06.5	18.4	809
1993 SP ₆	* 1993 09 17.25833	00 44 25.41	+07 27 34.6	809	1993 SX ₆	1993 09 18.26042	00 44 44.27	+04 14 04.9	809	
1993 SP ₆	1993 09 17.26875	00 44 24.92	+07 27 30.1	809	1993 SX ₆	1993 09 18.27083	00 44 43.65	+04 14 03.3	809	
1993 SP ₆	1993 09 17.27917	00 44 24.34	+07 27 24.3	809	1993 SY ₆	* 1993 09 17.25833	00 45 39.51	+04 26 39.4	809	
1993 SP ₆	1993 09 18.25000	00 43 37.90	+07 19 32.5	18.3	809	1993 SY ₆	1993 09 17.26875	00 45 38.98	+04 26 33.3	809
1993 SP ₆	1993 09 18.26042	00 43 37.39	+07 19 27.2	809	1993 SY ₆	1993 09 17.27917	00 45 38.51	+04 26 26.9	809	
1993 SP ₆	1993 09 18.27083	00 43 36.82	+07 19 22.2	809	1993 SY ₆	1993 09 18.25000	00 44 56.63	+04 18 00.7	18.2	809
1993 SQ ₆	* 1993 09 17.25833	00 44 37.80	+04 15 09.5	809	1993 SY ₆	1993 09 18.26042	00 44 56.14	+04 17 54.5	809	
1993 SQ ₆	1993 09 17.26875	00 44 37.13	+04 15 07.4	809	1993 SY ₆	1993 09 18.27083	00 44 55.65	+04 17 49.0	809	
1993 SQ ₆	1993 09 17.27917	00 44 36.58	+04 15 05.6	809	1993 SZ ₆	* 1993 09 17.25833	00 45 43.95	+03 21 33.0	809	
1993 SQ ₆	1993 09 18.25000	00 43 45.00	+04 11 35.8	18.4	809	1993 SZ ₆	1993 09 17.26875	00 45 43.49	+03 21 29.1	809
1993 SQ ₆	1993 09 18.26042	00 43 44.40	+04 11 34.1	809	1993 SZ ₆	1993 09 17.27917	00 45 42.99	+03 21 23.0	809	
1993 SQ ₆	1993 09 18.27083	00 43 43.75	+04 11 31.5	809	1993 SZ ₆	1993 09 18.25000	00 45 03.74	+03 14 11.9	18.3	809
1993 SR ₆	* 1993 09 17.25833	00 44 51.37	+05 51 23.9	809	1993 SZ ₆	1993 09 18.26042	00 45 03.17	+03 14 05.4	809	
1993 SR ₆	1993 09 17.26875	00 44 50.86	+05 51 20.2	809	1993 SZ ₆	1993 09 18.27083	00 45 02.67	+03 14 00.9	809	
1993 SR ₆	1993 09 17.27917	00 44 50.37	+05 51 17.4	809	1993 SA ₇	* 1993 09 17.25833	00 46 02.68	+04 19 29.1	809	
1993 SR ₆	1993 09 18.25000	00 44 07.46	+05 46 47.4	18.4	809	1993 SA ₇	1993 09 17.26875	00 46 02.37	+04 19 17.0	809
1993 SR ₆	1993 09 18.26042	00 44 06.96	+05 46 43.6	809	1993 SA ₇	1993 09 17.27917	00 46 01.99	+04 19 03.4	809	
1993 SR ₆	1993 09 18.27083	00 44 06.47	+05 46 42.0	809	1993 SA ₇	1993 09 18.25000	00 45 35.46	+03 59 05.4	18.0	809
1993 SS ₆	* 1993 09 17.25833	00 45 02.42	+07 07 14.8	809	1993 SA ₇	1993 09 18.26042	00 45 35.17	+03 58 52.3	809	
1993 SS ₆	1993 09 17.26875	00 45 01.80	+07 07 11.3	809	1993 SA ₇	1993 09 18.27083	00 45 34.82	+03 58 39.5	809	
1993 SS ₆	1993 09 17.27917	00 45 01.34	+07 07 08.1	809	1993 SB ₇	* 1993 09 17.25833	00 46 11.77	+05 29 48.4	809	
1993 SS ₆	1993 09 18.25000	00 44 13.79	+07 02 17.9	18.3	809	1993 SB ₇	1993 09 17.26875	00 46 11.24	+05 29 45.3	809
1993 SS ₆	1993 09 18.26042	00 44 13.24	+07 02 14.2	809	1993 SB ₇	1993 09 17.27917	00 46 10.65	+05 29 42.0	809	
1993 SS ₆	1993 09 18.27083	00 44 12.71	+07 02 11.6	809	1993 SB ₇	1993 09 18.25000	00 45 27.85	+05 25 47.1	18.6	809
1993 ST ₆	* 1993 09 17.25833	00 45 09.11	+04 25 39.8	809	1993 SB ₇	1993 09 18.26042	00 45 27.32	+05 25 44.5	809	
1993 ST ₆	1993 09 17.26875	00 45 08.60	+04 25 36.9	809	1993 SB ₇	1993 09 18.27083	00 45 26.90	+05 25 42.1	809	
1993 ST ₆	1993 09 17.27917	00 45 08.18	+04 25 35.7	809	1993 SC ₇	* 1993 09 17.25833	00 46 29.62	+03 05 45.8	809	
1993 ST ₆	1993 09 18.25000	00 44 28.53	+04 22 23.8	18.6	809	1993 SC ₇	1993 09 17.26875	00 46 29.02	+03 05 43.6	809
1993 ST ₆	1993 09 18.26042	00 44 28.03	+04 22 21.7	809	1993 SC ₇	1993 09 17.27917	00 46 28.53	+03 05 41.2	809	
1993 ST ₆	1993 09 18.27083	00 44 27.58	+04 22 19.2	809	1993 SC ₇	1993 09 18.25000	00 45 39.83	+03 00 51.3	18.7	809
1993 SU ₆	* 1993 09 17.25833	00 45 10.94	+05 03 27.1	809	1993 SC ₇	1993 09 18.26042	00 45 39.24	+03 00 48.6	809	
1993 SU ₆	1993 09 17.26875	00 45 10.46	+05 03 25.1	809	1993 SC ₇	1993 09 18.27083	00 45 38.58	+03 00 44.5	809	
1993 SU ₆	1993 09 17.27917	00 45 09.94	+05 03 21.1	809	1993 SD ₇	* 1993 09 17.25833	00 46 30.41	+06 25 02.5	809	
1993 SU ₆	1993 09 18.25000	00 44 24.91	+04 58 46.5	18.2	809	1993 SD ₇	1993 09 17.26875	00 46 29.79	+06 25 04.2	809

1993 SD ₇	1993 09 17.27917	00 46 29.27	+06 25 04.3		809	1993 SN ₇	* 1993 09 17.25833	00 49 32.36	+06 48 24.6		809
1993 SD ₇	1993 09 18.25000	00 45 44.27	+06 26 20.9	18.2	809	1993 SN ₇	1993 09 17.26875	00 49 31.90	+06 48 22.0		809
1993 SD ₇	1993 09 18.26042	00 45 43.78	+06 26 21.9		809	1993 SN ₇	1993 09 17.27917	00 49 31.45	+06 48 18.6		809
1993 SD ₇	1993 09 18.27083	00 45 43.21	+06 26 22.1		809	1993 SN ₇	1993 09 18.25000	00 48 53.69	+06 44 51.2	18.3	809
1993 SE ₇	* 1993 09 17.25833	00 47 02.17	+03 36 32.5		809	1993 SN ₇	1993 09 18.26042	00 48 53.20	+06 44 48.4		809
1993 SE ₇	1993 09 17.26875	00 47 01.79	+03 36 26.5		809	1993 SN ₇	1993 09 18.27083	00 48 52.72	+06 44 46.1		809
1993 SE ₇	1993 09 17.27917	00 47 01.48	+03 36 19.5		809	1993 SO ₇	* 1993 09 17.25833	00 50 03.80	+03 15 00.5		809
1993 SE ₇	1993 09 18.25000	00 46 22.05	+03 29 16.7	18.4	809	1993 SO ₇	1993 09 17.26875	00 50 03.27	+03 14 56.0		809
1993 SE ₇	1993 09 18.26042	00 46 21.56	+03 29 11.9		809	1993 SO ₇	1993 09 17.27917	00 50 02.78	+03 14 52.8		809
1993 SE ₇	1993 09 18.27083	00 46 21.12	+03 29 08.0		809	1993 SO ₇	1993 09 18.25000	00 49 18.59	+03 09 01.9	18.5	809
1993 SF ₇	* 1993 09 17.25833	00 47 24.41	+05 16 57.2		809	1993 SO ₇	1993 09 18.26042	00 49 17.98	+03 08 58.6		809
1993 SF ₇	1993 09 17.26875	00 47 23.97	+05 16 54.4		809	1993 SO ₇	1993 09 18.27083	00 49 17.56	+03 08 54.7		809
1993 SF ₇	1993 09 17.27917	00 47 23.53	+05 16 52.5		809	1993 SP ₇	* 1993 09 17.25833	00 50 12.70	+07 00 19.4		809
1993 SF ₇	1993 09 18.25000	00 46 45.58	+05 13 05.4	18.1	809	1993 SP ₇	1993 09 17.26875	00 50 12.25	+07 00 16.1		809
1993 SF ₇	1993 09 18.26042	00 46 45.09	+05 13 03.0		809	1993 SP ₇	1993 09 17.27917	00 50 11.73	+07 00 13.0		809
1993 SF ₇	1993 09 18.27083	00 46 44.66	+05 13 00.8		809	1993 SP ₇	1993 09 18.25000	00 49 32.00	+06 56 20.8	18.5	809
1993 SG ₇	* 1993 09 17.25833	00 47 32.03	+07 34 19.6		809	1993 SP ₇	1993 09 18.26042	00 49 31.56	+06 56 17.6		809
1993 SG ₇	1993 09 17.26875	00 47 31.55	+07 34 18.2		809	1993 SP ₇	1993 09 18.27083	00 49 31.03	+06 56 14.9		809
1993 SG ₇	1993 09 17.27917	00 47 31.15	+07 34 15.3		809	1993 SQ ₇	* 1993 09 17.25833	00 50 34.23	+07 30 35.6		809
1993 SG ₇	1993 09 18.25000	00 46 54.59	+07 30 13.1	18.2	809	1993 SQ ₇	1993 09 17.26875	00 50 33.72	+07 30 30.8		809
1993 SG ₇	1993 09 18.26042	00 46 54.18	+07 30 09.7		809	1993 SQ ₇	1993 09 17.27917	00 50 33.25	+07 30 25.0		809
1993 SG ₇	1993 09 18.27083	00 46 53.71	+07 30 07.2		809	1993 SQ ₇	1993 09 18.25000	00 49 47.42	+07 25 13.8	18.5	809
1993 SH ₇	* 1993 09 17.25833	00 47 44.09	+03 12 14.0		809	1993 SQ ₇	1993 09 18.26042	00 49 46.89	+07 25 09.3		809
1993 SH ₇	1993 09 17.26875	00 47 43.51	+03 12 10.1		809	1993 SQ ₇	1993 09 18.27083	00 49 46.34	+07 25 07.4		809
1993 SH ₇	1993 09 17.27917	00 47 42.98	+03 12 06.0		809	1993 SR ₇	* 1993 09 17.25833	00 50 39.35	+06 18 13.1		809
1993 SH ₇	1993 09 18.25000	00 46 55.70	+03 04 47.4	18.3	809	1993 SR ₇	1993 09 17.26875	00 50 38.92	+06 18 09.2		809
1993 SH ₇	1993 09 18.26042	00 46 55.24	+03 04 43.2		809	1993 SR ₇	1993 09 17.27917	00 50 38.45	+06 18 05.5		809
1993 SH ₇	1993 09 18.27083	00 46 54.59	+03 04 38.5		809	1993 SR ₇	1993 09 18.25000	00 49 57.50	+06 12 33.8	18.2	809
1993 SJ ₇	* 1993 09 17.25833	00 47 54.79	+06 49 29.7		809	1993 SR ₇	1993 09 18.26042	00 49 56.95	+06 12 30.9		809
1993 SJ ₇	1993 09 17.26875	00 47 54.17	+06 49 27.0		809	1993 SR ₇	1993 09 18.27083	00 49 56.48	+06 12 27.4		809
1993 SJ ₇	1993 09 17.27917	00 47 53.59	+06 49 24.6		809	1993 SS ₇	* 1993 09 17.25833	00 51 00.25	+06 32 04.5		809
1993 SJ ₇	1993 09 18.25000	00 47 04.62	+06 46 08.7	18.3	809	1993 SS ₇	1993 09 17.26875	00 50 59.68	+06 31 59.8		809
1993 SJ ₇	1993 09 18.26042	00 47 04.00	+06 46 06.1		809	1993 SS ₇	1993 09 17.27917	00 50 59.19	+06 31 54.3		809
1993 SJ ₇	1993 09 18.27083	00 47 03.42	+06 46 03.7		809	1993 SS ₇	1993 09 18.25000	00 50 16.96	+06 24 27.9	18.1	809
1993 SK ₇	* 1993 09 17.25833	00 48 47.70	+06 25 13.7		809	1993 SS ₇	1993 09 18.26042	00 50 16.52	+06 24 23.0		809
1993 SK ₇	1993 09 17.26875	00 48 47.30	+06 25 11.5		809	1993 SS ₇	1993 09 18.27083	00 50 15.97	+06 24 17.7		809
1993 SK ₇	1993 09 17.27917	00 48 46.89	+06 25 09.6		809	1993 ST ₇	* 1993 09 17.25833	00 51 12.46	+07 15 24.2		809
1993 SK ₇	1993 09 18.25000	00 48 10.48	+06 21 43.9	18.3	809	1993 ST ₇	1993 09 17.26875	00 51 11.84	+07 15 20.0		809
1993 SK ₇	1993 09 18.26042	00 48 09.97	+06 21 41.6		809	1993 ST ₇	1993 09 17.27917	00 51 11.38	+07 15 18.3		809
1993 SK ₇	1993 09 18.27083	00 48 09.52	+06 21 38.7		809	1993 ST ₇	1993 09 18.25000	00 50 26.62	+07 10 19.9	18.5	809
1993 SL ₇	* 1993 09 17.25833	00 48 49.45	+07 04 49.3		809	1993 ST ₇	1993 09 18.26042	00 50 26.16	+07 10 16.7		809
1993 SL ₇	1993 09 17.26875	00 48 48.85	+07 04 47.9		809	1993 ST ₇	1993 09 18.27083	00 50 25.58	+07 10 12.7		809
1993 SL ₇	1993 09 17.27917	00 48 48.25	+07 04 46.1		809	1993 SU ₇	* 1993 09 17.25833	00 51 22.68	+07 10 15.8		809
1993 SL ₇	1993 09 18.25000	00 48 01.13	+07 02 32.6	18.5	809	1993 SU ₇	1993 09 17.26875	00 51 22.18	+07 10 11.0		809
1993 SL ₇	1993 09 18.26042	00 48 00.44	+07 02 30.4		809	1993 SU ₇	1993 09 17.27917	00 51 21.69	+07 10 06.0		809
1993 SL ₇	1993 09 18.27083	00 47 59.90	+07 02 27.7		809	1993 SU ₇	1993 09 18.25000	00 50 37.12	+07 02 34.8	18.6	809
1993 SM ₇	* 1993 09 17.25833	00 48 52.43	+04 36 03.0		809	1993 SU ₇	1993 09 18.26042	00 50 36.66	+07 02 30.2		809
1993 SM ₇	1993 09 17.26875	00 48 51.94	+04 36 01.0		809	1993 SU ₇	1993 09 18.27083	00 50 36.13	+07 02 24.9		809
1993 SM ₇	1993 09 17.27917	00 48 51.39	+04 35 59.2		809	1993 SV ₇	* 1993 09 17.25833	00 51 50.44	+03 00 23.8		809
1993 SM ₇	1993 09 18.25000	00 48 05.30	+04 32 01.3	18.6	809	1993 SV ₇	1993 09 17.26875	00 51 49.98	+03 00 21.1		809
1993 SM ₇	1993 09 18.26042	00 48 04.70	+04 31 58.3		809	1993 SV ₇	1993 09 17.27917	00 51 49.56	+03 00 18.8		809
1993 SM ₇	1993 09 18.27083	00 48 04.19	+04 31 55.1		809	1993 SV ₇	1993 09 18.25000	00 51 13.75	+02 55 54.7	18.3	809

1993 SV ₇	1993 09 18.26042	00 51 13.36	+02 55 52.4	809	1993 SE ₈	1993 09 17.27917	00 53 04.64	+05 41 19.2	809
1993 SV ₇	1993 09 18.27083	00 51 12.90	+02 55 49.0	809	1993 SE ₈	1993 09 18.25000	00 52 25.78	+05 36 40.1	18.5 809
1993 SW ₇	* 1993 09 17.25833	00 52 04.69	+07 33 49.6	809	1993 SE ₈	1993 09 18.26042	00 52 25.34	+05 36 36.8	809
1993 SW ₇	1993 09 17.26875	00 52 04.14	+07 33 48.7	809	1993 SE ₈	1993 09 18.27083	00 52 24.83	+05 36 34.3	809
1993 SW ₇	1993 09 17.27917	00 52 03.61	+07 33 46.8	809	1993 SF ₈	* 1993 09 17.25833	00 53 55.58	+03 30 05.8	809
1993 SW ₇	1993 09 18.25000	00 51 20.00	+07 32 35.7	18.3 809	1993 SF ₈	1993 09 17.26875	00 53 55.07	+03 30 03.9	809
1993 SW ₇	1993 09 18.26042	00 51 19.40	+07 32 33.6	809	1993 SF ₈	1993 09 17.27917	00 53 54.54	+03 29 59.9	809
1993 SW ₇	1993 09 18.27083	00 51 18.78	+07 32 33.7	809	1993 SF ₈	1993 09 18.25000	00 53 14.10	+03 25 39.0	18.3 809
1993 SX ₇	* 1993 09 17.25833	00 52 07.92	+05 31 35.3	809	1993 SF ₈	1993 09 18.26042	00 53 13.71	+03 25 36.4	809
1993 SX ₇	1993 09 17.26875	00 52 07.46	+05 31 32.0	809	1993 SF ₈	1993 09 18.27083	00 53 13.15	+03 25 33.3	809
1993 SX ₇	1993 09 17.27917	00 52 06.92	+05 31 29.3	809	1993 SG ₈	* 1993 09 17.25833	00 54 19.81	+07 28 28.8	809
1993 SX ₇	1993 09 18.25000	00 51 28.32	+05 26 26.0	18.4 809	1993 SG ₈	1993 09 17.26875	00 54 19.30	+07 28 25.9	809
1993 SX ₇	1993 09 18.26042	00 51 27.84	+05 26 23.3	809	1993 SG ₈	1993 09 17.27917	00 54 18.88	+07 28 23.0	809
1993 SX ₇	1993 09 18.27083	00 51 27.36	+05 26 19.2	809	1993 SG ₈	1993 09 18.25000	00 53 39.84	+07 24 02.9	18.2 809
1993 SY ₇	* 1993 09 17.25833	00 52 15.79	+02 40 32.3	809	1993 SG ₈	1993 09 18.26042	00 53 39.39	+07 24 00.8	809
1993 SY ₇	1993 09 17.26875	00 52 15.31	+02 40 23.0	809	1993 SG ₈	1993 09 18.27083	00 53 38.92	+07 23 57.1	809
1993 SY ₇	1993 09 17.27917	00 52 14.79	+02 40 16.2	809	1993 SH ₈	* 1993 09 17.25833	00 54 31.57	+04 51 35.7	809
1993 SY ₇	1993 09 18.25000	00 51 32.14	+02 27 45.5	18.3 809	1993 SH ₈	1993 09 17.26875	00 54 31.06	+04 51 33.9	809
1993 SY ₇	1993 09 18.26042	00 51 31.62	+02 27 36.4	809	1993 SH ₈	1993 09 17.27917	00 54 30.54	+04 51 30.6	809
1993 SY ₇	1993 09 18.27083	00 51 31.13	+02 27 27.9	809	1993 SH ₈	1993 09 18.25000	00 53 47.95	+04 47 08.4	18.3 809
1993 SZ ₇	* 1993 09 17.25833	00 52 22.24	+05 04 14.1	809	1993 SH ₈	1993 09 18.26042	00 53 47.46	+04 47 05.5	809
1993 SZ ₇	1993 09 17.26875	00 52 21.80	+05 04 10.9	809	1993 SH ₈	1993 09 18.27083	00 53 46.93	+04 47 03.4	809
1993 SZ ₇	1993 09 17.27917	00 52 21.23	+05 04 08.4	809	1993 SJ ₈	* 1993 09 17.25833	00 55 30.09	+06 57 10.4	809
1993 SZ ₇	1993 09 18.25000	00 51 44.33	+05 00 02.0	18.5 809	1993 SJ ₈	1993 09 17.26875	00 55 29.43	+06 57 10.6	809
1993 SZ ₇	1993 09 18.26042	00 51 43.77	+04 59 58.7	809	1993 SJ ₈	1993 09 17.27917	00 55 28.90	+06 57 11.2	809
1993 SZ ₇	1993 09 18.27083	00 51 43.38	+04 59 56.8	809	1993 SJ ₈	1993 09 18.25000	00 54 41.31	+06 58 05.6	18.2 809
1993 SA ₈	* 1993 09 17.25833	00 52 22.92	+03 29 05.0	809	1993 SJ ₈	1993 09 18.26042	00 54 40.67	+06 58 05.4	809
1993 SA ₈	1993 09 17.26875	00 52 22.27	+03 28 59.2	809	1993 SJ ₈	1993 09 18.27083	00 54 40.07	+06 58 05.8	809
1993 SA ₈	1993 09 17.27917	00 52 21.80	+03 28 52.8	809	1993 SK ₈	* 1993 09 17.25833	00 55 42.16	+07 07 45.2	809
1993 SA ₈	1993 09 18.25000	00 51 39.62	+03 21 43.4	18.4 809	1993 SK ₈	1993 09 17.26875	00 55 41.64	+07 07 41.1	809
1993 SA ₈	1993 09 18.26042	00 51 39.13	+03 21 40.6	809	1993 SK ₈	1993 09 17.27917	00 55 41.06	+07 07 36.9	809
1993 SA ₈	1993 09 18.27083	00 51 38.59	+03 21 35.7	809	1993 SK ₈	1993 09 18.25000	00 54 57.29	+07 01 27.3	17.8 809
1993 SB ₈	* 1993 09 17.25833	00 52 37.58	+05 04 27.6	809	1993 SK ₈	1993 09 18.26042	00 54 56.77	+07 01 23.1	809
1993 SB ₈	1993 09 17.26875	00 52 37.17	+05 04 23.4	809	1993 SK ₈	1993 09 18.27083	00 54 56.25	+07 01 18.9	809
1993 SB ₈	1993 09 17.27917	00 52 36.73	+05 04 18.8	809	1993 SL ₈	* 1993 09 17.25833	00 55 57.33	+05 34 21.5	809
1993 SB ₈	1993 09 18.25000	00 52 02.88	+04 57 13.6	18.4 809	1993 SL ₈	1993 09 17.26875	00 55 56.86	+05 34 20.2	809
1993 SB ₈	1993 09 18.26042	00 52 02.52	+04 57 08.9	809	1993 SL ₈	1993 09 17.27917	00 55 56.36	+05 34 18.8	809
1993 SB ₈	1993 09 18.27083	00 52 02.02	+04 57 03.8	809	1993 SL ₈	1993 09 18.25000	00 55 17.17	+05 31 56.5	18.1 809
1993 SC ₈	* 1993 09 17.25833	00 52 40.11	+04 57 43.9	809	1993 SL ₈	1993 09 18.26042	00 55 16.60	+05 31 54.7	809
1993 SC ₈	1993 09 17.26875	00 52 39.69	+04 57 39.4	809	1993 SL ₈	1993 09 18.27083	00 55 16.13	+05 31 52.7	809
1993 SC ₈	1993 09 17.27917	00 52 39.31	+04 57 35.7	809	1993 SM ₈	* 1993 09 17.25833	00 55 57.73	+04 52 00.2	809
1993 SC ₈	1993 09 18.25000	00 52 08.54	+04 52 15.4	18.4 809	1993 SM ₈	1993 09 17.26875	00 55 57.37	+04 51 52.4	809
1993 SC ₈	1993 09 18.26042	00 52 08.22	+04 52 12.6	809	1993 SM ₈	1993 09 17.27917	00 55 57.14	+04 51 44.9	809
1993 SC ₈	1993 09 18.27083	00 52 07.78	+04 52 08.7	809	1993 SM ₈	1993 09 18.25000	00 55 30.69	+04 40 22.3	18.4 809
1993 SD ₈	* 1993 09 17.25833	00 52 55.14	+07 38 08.3	809	1993 SM ₈	1993 09 18.26042	00 55 30.39	+04 40 15.7	809
1993 SD ₈	1993 09 17.26875	00 52 54.72	+07 38 05.4	809	1993 SM ₈	1993 09 18.27083	00 55 30.04	+04 40 08.1	809
1993 SD ₈	1993 09 17.27917	00 52 54.35	+07 37 58.5	809	1993 SN ₈	* 1993 09 17.25833	00 56 07.08	+06 02 22.0	809
1993 SD ₈	1993 09 18.25000	00 52 16.83	+07 30 23.6	18.2 809	1993 SN ₈	1993 09 17.26875	00 56 06.66	+06 02 18.2	809
1993 SD ₈	1993 09 18.26042	00 52 16.44	+07 30 18.6	809	1993 SN ₈	1993 09 17.27917	00 56 06.27	+06 02 14.2	809
1993 SD ₈	1993 09 18.27083	00 52 15.97	+07 30 13.6	809	1993 SN ₈	1993 09 18.25000	00 55 34.04	+05 56 27.8	18.2 809
1993 SE ₈	* 1993 09 17.25833	00 53 05.50	+05 41 24.7	809	1993 SN ₈	1993 09 18.26042	00 55 33.62	+05 56 23.6	809
1993 SE ₈	1993 09 17.26875	00 53 05.10	+05 41 22.6	809	1993 SN ₈	1993 09 18.27083	00 55 33.22	+05 56 19.8	809

1993 SO ₈	* 1993 09 17.25833	00 56 25.41	+04 18 42.9		809	1993 SW ₈	1993 09 18.26042	00 57 22.89	+06 46 45.1		809
1993 SO ₈	1993 09 17.26875	00 56 24.83	+04 18 46.4		809	1993 SW ₈	1993 09 18.27083	00 57 22.41	+06 46 41.9		809
1993 SO ₈	1993 09 17.27917	00 56 24.11	+04 18 50.4		809	1993 SX ₈	* 1993 09 17.25833	00 58 04.52	+04 42 34.8		809
1993 SO ₈	1993 09 18.25000	00 55 25.01	+04 25 27.1	18.2	809	1993 SX ₈	1993 09 17.26875	00 58 03.97	+04 42 31.7		809
1993 SO ₈	1993 09 18.26042	00 55 24.34	+04 25 31.8		809	1993 SX ₈	1993 09 17.27917	00 58 03.55	+04 42 29.3		809
1993 SO ₈	1993 09 18.27083	00 55 23.62	+04 25 35.7		809	1993 SX ₈	1993 09 18.25000	00 57 27.28	+04 38 47.4	18.3	809
1993 SP ₈	* 1993 09 17.25833	00 56 47.89	+04 41 28.9		809	1993 SX ₈	1993 09 18.26042	00 57 26.84	+04 38 45.9		809
1993 SP ₈	1993 09 17.26875	00 56 47.45	+04 41 23.6		809	1993 SX ₈	1993 09 18.27083	00 57 26.37	+04 38 42.7		809
1993 SP ₈	1993 09 17.27917	00 56 47.03	+04 41 19.2		809	1993 SY ₈	* 1993 09 17.25833	00 58 16.76	+06 14 49.2		809
1993 SP ₈	1993 09 18.25000	00 56 13.40	+04 33 43.4	18.1	809	1993 SY ₈	1993 09 17.26875	00 58 16.36	+06 14 47.8		809
1993 SP ₈	1993 09 18.26042	00 56 12.94	+04 33 38.4		809	1993 SY ₈	1993 09 17.27917	00 58 15.88	+06 14 45.8		809
1993 SP ₈	1993 09 18.27083	00 56 12.50	+04 33 33.5		809	1993 SY ₈	1993 09 18.25000	00 57 40.52	+06 12 13.6	18.2	809
1993 SQ ₈	* 1993 09 17.25833	00 56 53.42	+04 56 42.5		809	1993 SY ₈	1993 09 18.26042	00 57 40.12	+06 12 12.5		809
1993 SQ ₈	1993 09 17.26875	00 56 53.01	+04 56 36.2		809	1993 SY ₈	1993 09 18.27083	00 57 39.66	+06 12 10.4		809
1993 SQ ₈	1993 09 17.27917	00 56 52.55	+04 56 31.2		809	1993 SZ ₈	* 1993 09 17.25833	00 58 35.02	+03 39 51.0		809
1993 SQ ₈	1993 09 18.25000	00 56 21.21	+04 48 33.2	18.0	809	1993 SZ ₈	1993 09 17.26875	00 58 34.57	+03 39 46.2		809
1993 SQ ₈	1993 09 18.26042	00 56 20.82	+04 48 27.4		809	1993 SZ ₈	1993 09 17.27917	00 58 34.13	+03 39 42.6		809
1993 SQ ₈	1993 09 18.27083	00 56 20.34	+04 48 22.4		809	1993 SZ ₈	1993 09 18.25000	00 57 59.14	+03 32 34.3	18.5	809
1993 SR ₈	* 1993 09 17.25833	00 57 10.28	+03 25 32.4		809	1993 SZ ₈	1993 09 18.26042	00 57 58.60	+03 32 28.4		809
1993 SR ₈	1993 09 17.26875	00 57 09.68	+03 25 30.6		809	1993 SZ ₈	1993 09 18.27083	00 57 58.16	+03 32 24.5		809
1993 SR ₈	1993 09 17.27917	00 57 09.16	+03 25 27.9		809	1993 SA ₉	* 1993 09 17.25833	00 58 43.60	+06 06 16.0		809
1993 SR ₈	1993 09 18.25000	00 56 20.54	+03 22 07.1	18.4	809	1993 SA ₉	1993 09 17.26875	00 58 43.27	+06 06 10.2		809
1993 SR ₈	1993 09 18.26042	00 56 20.01	+03 22 05.7		809	1993 SA ₉	1993 09 17.27917	00 58 42.89	+06 06 03.9		809
1993 SR ₈	1993 09 18.27083	00 56 19.41	+03 22 03.2		809	1993 SA ₉	1993 09 18.25000	00 58 10.63	+05 56 25.3	18.2	809
1993 SS ₈	* 1993 09 17.25833	00 57 13.87	+06 04 15.8		809	1993 SA ₉	1993 09 18.26042	00 58 10.18	+05 56 19.5		809
1993 SS ₈	1993 09 17.26875	00 57 13.31	+06 04 10.5		809	1993 SA ₉	1993 09 18.27083	00 58 09.80	+05 56 13.1		809
1993 SS ₈	1993 09 17.27917	00 57 12.78	+06 04 06.7		809	1993 SB ₉	* 1993 09 17.25833	00 58 58.98	+04 27 14.4		809
1993 SS ₈	1993 09 18.25000	00 56 33.10	+05 57 25.4	18.5	809	1993 SB ₉	1993 09 17.26875	00 58 58.28	+04 27 16.4		809
1993 SS ₈	1993 09 18.26042	00 56 32.59	+05 57 21.5		809	1993 SB ₉	1993 09 17.27917	00 58 57.68	+04 27 17.9		809
1993 SS ₈	1993 09 18.27083	00 56 32.13	+05 57 16.3		809	1993 SB ₉	1993 09 18.25000	00 58 02.77	+04 29 43.7	17.9	809
1993 ST ₈	* 1993 09 17.25833	00 57 17.07	+03 54 57.9		809	1993 SB ₉	1993 09 18.26042	00 58 02.08	+04 29 46.0		809
1993 ST ₈	1993 09 17.26875	00 57 16.51	+03 54 55.5		809	1993 SB ₉	1993 09 18.27083	00 58 01.43	+04 29 46.9		809
1993 ST ₈	1993 09 17.27917	00 57 16.03	+03 54 54.1		809	1993 TE	1993 10 09.19236	01 32 59.54	+07 09 52.7		809
1993 ST ₈	1993 09 18.25000	00 56 30.98	+03 51 46.1	18.6	809	1993 TE	1993 10 09.20556	01 32 58.96	+07 09 42.8		809
1993 ST ₈	1993 09 18.26042	00 56 30.56	+03 51 44.5		809	1993 TE	1993 10 09.21875	01 32 58.42	+07 09 33.2		809
1993 ST ₈	1993 09 18.27083	00 56 29.99	+03 51 43.4		809	1993 TE	1993 10 11.15972	01 31 45.50	+06 45 34.0	17.5	809
1993 SU ₈	* 1993 09 17.25833	00 57 18.51	+04 20 53.4		809	1993 TE	1993 10 11.17292	01 31 44.96	+06 45 24.4		809
1993 SU ₈	1993 09 17.26875	00 57 17.95	+04 20 51.7		809	1993 TE	1993 10 11.18611	01 31 44.40	+06 45 14.2		809
1993 SU ₈	1993 09 17.27917	00 57 17.55	+04 20 48.0		809	1993 TE	1993 10 20.20000	01 25 59.17	+04 56 52.0	17.0	809
1993 SU ₈	1993 09 18.25000	00 56 28.44	+04 15 53.7	18.4	809	1993 TE	1993 10 20.21319	01 25 58.63	+04 56 42.6		809
1993 SU ₈	1993 09 18.26042	00 56 27.83	+04 15 49.7		809	1993 TE	1993 10 20.22639	01 25 58.07	+04 56 33.6		809
1993 SU ₈	1993 09 18.27083	00 56 27.25	+04 15 46.7		809	1993 TA ₁	1993 10 09.19236	01 30 36.59	+06 54 49.7		809
1993 SV ₈	* 1993 09 17.25833	00 57 47.01	+03 23 02.8		809	1993 TA ₁	1993 10 09.20556	01 30 36.03	+06 54 47.0		809
1993 SV ₈	1993 09 17.26875	00 57 46.61	+03 22 57.7		809	1993 TA ₁	1993 10 09.21875	01 30 35.46	+06 54 44.8		809
1993 SV ₈	1993 09 17.27917	00 57 46.20	+03 22 55.5		809	1993 TA ₁	1993 10 11.15972	01 29 18.09	+06 48 25.7	18.0	809
1993 SV ₈	1993 09 18.25000	00 57 10.26	+03 17 18.7	18.5	809	1993 TA ₁	1993 10 11.17292	01 29 17.51	+06 48 23.9		809
1993 SV ₈	1993 09 18.26042	00 57 09.81	+03 17 14.8		809	1993 TA ₁	1993 10 11.18611	01 29 16.91	+06 48 22.0		809
1993 SV ₈	1993 09 18.27083	00 57 09.32	+03 17 11.7		809	1993 TC ₁	1993 10 09.19236	01 40 42.89	+06 16 47.9		809
1993 SW ₈	* 1993 09 17.25833	00 58 02.63	+06 51 49.7		809	1993 TC ₁	1993 10 09.20556	01 40 42.01	+06 16 47.1		809
1993 SW ₈	1993 09 17.26875	00 58 02.14	+06 51 47.1		809	1993 TC ₁	1993 10 09.21875	01 40 41.16	+06 16 46.0		809
1993 SW ₈	1993 09 17.27917	00 58 01.74	+06 51 43.6		809	1993 TC ₁	1993 10 11.15972	01 38 46.76	+06 14 33.2	17.8	809
1993 SW ₈	1993 09 18.25000	00 57 23.33	+06 46 48.5	18.1	809	1993 TC ₁	1993 10 11.17292	01 38 45.92	+06 14 32.0		809

1993 TC ₁	1993 10 11.18611	01 38 45.04	+06 14 30.9		809	1993 TG ₁₄	1993 10 20.15625	00 57 08.35	+02 37 13.6	18.4	809
1993 TC ₁	1993 10 20.20000	01 29 29.32	+06 05 17.3	17.2	809	1993 TG ₁₄	1993 10 20.16944	00 57 07.63	+02 37 07.1		809
1993 TC ₁	1993 10 20.21319	01 29 28.44	+06 05 16.3		809	1993 TG ₁₄	1993 10 20.18264	00 57 06.92	+02 37 00.3		809
1993 TC ₁	1993 10 20.22639	01 29 27.54	+06 05 16.1		809	1993 TH ₁₄	1993 10 20.15625	00 57 30.59	+02 20 52.0	18.2	809
1993 TA ₃	1993 10 09.19236	01 43 36.48	+04 22 05.5		809	1993 TH ₁₄	1993 10 20.16944	00 57 29.92	+02 20 46.9		809
1993 TA ₃	1993 10 09.20556	01 43 35.74	+04 21 59.5		809	1993 TH ₁₄	1993 10 20.18264	00 57 29.20	+02 20 43.5		809
1993 TA ₃	1993 10 09.21875	01 43 34.95	+04 21 54.1		809	1993 TJ ₁₄	1993 10 20.15625	00 56 47.58	+04 34 20.8	18.1	809
1993 TA ₃	1993 10 11.15972	01 41 46.80	+04 08 08.0	17.7	809	1993 TJ ₁₄	1993 10 20.16944	00 56 46.90	+04 34 20.3		809
1993 TA ₃	1993 10 11.17292	01 41 45.99	+04 08 02.8		809	1993 TJ ₁₄	1993 10 20.18264	00 56 46.12	+04 34 19.3		809
1993 TA ₃	1993 10 11.18611	01 41 45.18	+04 07 56.6		809	1993 TK ₁₄	1993 10 20.15625	00 58 20.48	+03 20 42.7	18.5	809
1993 TA ₃	1993 10 20.20000	01 33 11.43	+03 07 08.7	18.0	809	1993 TK ₁₄	1993 10 20.16944	00 58 19.85	+03 20 39.1		809
1993 TA ₃	1993 10 20.21319	01 33 10.53	+03 07 03.5		809	1993 TK ₁₄	1993 10 20.18264	00 58 19.19	+03 20 35.6		809
1993 TA ₃	1993 10 20.22639	01 33 09.74	+03 06 58.4		809	1993 TL ₁₄	1993 10 20.15625	01 00 01.78	+02 22 48.8	18.5	809
1993 TT ₁₂	1993 10 20.20000	01 19 12.26	+02 26 58.5	18.1	809	1993 TL ₁₄	1993 10 20.16944	01 00 01.25	+02 22 43.0		809
1993 TT ₁₂	1993 10 20.21319	01 19 11.29	+02 26 56.4		809	1993 TL ₁₄	1993 10 20.18264	01 00 00.66	+02 22 38.9		809
1993 TT ₁₂	1993 10 20.22639	01 19 10.57	+02 26 54.1		809	1993 TM ₁₄	1993 10 20.15625	00 58 19.34	+05 45 10.7	18.3	809
1993 TV ₁₂	1993 10 09.19236	01 34 30.06	+03 13 52.3		809	1993 TM ₁₄	1993 10 20.16944	00 58 18.65	+05 45 06.7		809
1993 TV ₁₂	1993 10 09.20556	01 34 29.32	+03 13 51.3		809	1993 TM ₁₄	1993 10 20.18264	00 58 17.90	+05 45 02.7		809
1993 TV ₁₂	1993 10 09.21875	01 34 28.53	+03 13 49.9		809	1993 TP ₁₄	1993 10 20.15625	00 58 21.81	+05 30 13.1	18.0	809
1993 TV ₁₂	1993 10 11.15972	01 32 41.86	+03 10 05.5	18.0	809	1993 TP ₁₄	1993 10 20.16944	00 58 21.06	+05 30 05.4		809
1993 TV ₁₂	1993 10 11.17292	01 32 41.05	+03 10 04.4		809	1993 TP ₁₄	1993 10 20.18264	00 58 20.43	+05 29 58.1		809
1993 TV ₁₂	1993 10 11.18611	01 32 40.25	+03 10 02.5		809	1993 TQ ₁₄	1993 10 20.15625	00 58 26.41	+05 51 33.3	18.4	809
1993 TV ₁₂	1993 10 20.20000	01 24 10.49	+02 54 55.1	18.2	809	1993 TQ ₁₄	1993 10 20.16944	00 58 25.69	+03 51 32.5		809
1993 TV ₁₂	1993 10 20.21319	01 24 09.72	+02 54 54.1		809	1993 TQ ₁₄	1993 10 20.18264	00 58 24.98	+03 51 31.2		809
1993 TV ₁₂	1993 10 20.22639	01 24 08.88	+02 54 52.5		809	1993 TR ₁₄	1993 10 20.15625	00 56 19.82	+05 20 21.0	18.5	809
1993 TW ₁₂	1993 10 09.19236	01 36 04.67	+03 27 00.2		809	1993 TR ₁₄	1993 10 20.16944	00 56 19.03	+05 20 20.8		809
1993 TW ₁₂	1993 10 09.20556	01 36 03.77	+03 26 58.0		809	1993 TR ₁₄	1993 10 20.18264	00 56 18.18	+05 20 20.0		809
1993 TW ₁₂	1993 10 09.21875	01 36 02.91	+03 26 56.4		809	1993 TT ₁₄	1993 10 20.15625	00 58 33.13	+03 53 45.6	18.5	809
1993 TW ₁₂	1993 10 11.15972	01 34 04.68	+03 22 36.1	18.0	809	1993 TT ₁₄	1993 10 20.16944	00 58 32.49	+03 53 43.7		809
1993 TW ₁₂	1993 10 11.17292	01 34 03.77	+03 22 35.0		809	1993 TT ₁₄	1993 10 20.18264	00 58 31.76	+03 53 39.5		809
1993 TW ₁₂	1993 10 11.18611	01 34 02.94	+03 22 32.9		809	1993 TV ₁₄	1993 10 20.15625	00 58 56.25	+06 08 48.8	18.5	809
1993 TW ₁₂	1993 10 20.20000	01 24 34.21	+03 05 16.7	18.0	809	1993 TV ₁₄	1993 10 20.16944	00 58 55.58	+06 08 45.7		809
1993 TW ₁₂	1993 10 20.21319	01 24 33.30	+03 05 16.2		809	1993 TV ₁₄	1993 10 20.18264	00 58 54.88	+06 08 43.0		809
1993 TW ₁₂	1993 10 20.22639	01 24 32.40	+03 05 15.0		809	1993 TW ₁₄	1993 10 20.15625	00 59 52.28	+05 33 51.6	18.7	809
1993 TL ₁₃	1993 10 20.20000	01 32 08.75	+02 34 19.7	18.2	809	1993 TW ₁₄	1993 10 20.16944	00 59 51.59	+05 33 46.7		809
1993 TL ₁₃	1993 10 20.21319	01 32 07.84	+02 34 18.9		809	1993 TW ₁₄	1993 10 20.18264	00 59 50.92	+05 33 43.5		809
1993 TL ₁₃	1993 10 20.22639	01 32 06.96	+02 34 18.0		809	1993 TX ₁₄	1993 10 20.15625	01 00 27.50	+04 22 02.2	18.3	809
1993 TW ₁₃	1993 10 20.15625	00 57 28.57	+03 17 02.2	18.1	809	1993 TX ₁₄	1993 10 20.16944	01 00 26.93	+04 21 58.8		809
1993 TW ₁₃	1993 10 20.16944	00 57 27.94	+03 16 55.4		809	1993 TX ₁₄	1993 10 20.18264	01 00 26.41	+04 21 55.2		809
1993 TW ₁₃	1993 10 20.18264	00 57 27.34	+03 16 48.1		809	1993 TZ ₁₄	1993 10 20.15625	00 57 01.29	+05 22 58.1	18.4	809
1993 TX ₁₃	1993 10 20.15625	00 57 03.44	+02 54 56.7	18.5	809	1993 TZ ₁₄	1993 10 20.16944	00 57 00.55	+05 22 58.7		809
1993 TX ₁₃	1993 10 20.16944	00 57 02.77	+02 54 51.6		809	1993 TZ ₁₄	1993 10 20.18264	00 56 59.69	+05 22 59.2		809
1993 TX ₁₃	1993 10 20.18264	00 57 02.02	+02 54 48.3		809	1993 TA ₁₅	1993 10 20.15625	00 56 46.08	+04 11 06.7	18.4	809
1993 TZ ₁₃	1993 10 20.15625	00 58 58.43	+01 53 36.3	18.2	809	1993 TA ₁₅	1993 10 20.16944	00 56 45.27	+04 11 04.8		809
1993 TZ ₁₃	1993 10 20.16944	00 58 57.91	+01 53 28.9		809	1993 TA ₁₅	1993 10 20.18264	00 56 44.34	+04 11 02.2		809
1993 TZ ₁₃	1993 10 20.18264	00 58 57.39	+01 53 22.7		809	1993 TB ₁₅	1993 10 20.15625	01 01 48.06	+02 36 23.7	18.4	809
1993 TB ₁₄	1993 10 20.15625	00 56 27.19	+04 14 53.1	18.4	809	1993 TB ₁₅	1993 10 20.16944	01 01 47.57	+02 36 15.1		809
1993 TB ₁₄	1993 10 20.16944	00 56 26.56	+04 14 50.8		809	1993 TB ₁₅	1993 10 20.18264	01 01 47.01	+02 36 09.0		809
1993 TB ₁₄	1993 10 20.18264	00 56 25.91	+04 14 48.8		809	1993 TC ₁₅	1993 10 20.15625	01 00 31.66	+03 41 50.8	18.5	809
1993 TC ₁₄	1993 10 20.15625	00 57 57.39	+06 02 39.9	18.6	809	1993 TC ₁₅	1993 10 20.16944	01 00 31.10	+03 41 44.5		809
1993 TC ₁₄	1993 10 20.16944	00 57 56.74	+06 02 35.9		809	1993 TC ₁₅	1993 10 20.18264	01 00 30.41	+03 41 40.4		809
1993 TC ₁₄	1993 10 20.18264	00 57 56.14	+06 02 31.8		809	1993 TD ₁₅	1993 10 20.15625	01 00 09.64	+02 46 08.7	18.1	809

1993 TD ₁₅	1993 10 20.16944	01 00 08.92	+02 46 01.9		809	1993 TY ₁₅	1993 10 20.18264	01 00 55.61	+04 48 37.0		809
1993 TD ₁₅	1993 10 20.18264	01 00 08.17	+02 45 54.2		809	1993 TZ ₁₅	1993 10 20.15625	01 03 31.34	+05 11 51.3	18.6	809
1993 TF ₁₅	1993 10 20.15625	01 00 13.30	+05 22 05.6	18.5	809	1993 TZ ₁₅	1993 10 20.16944	01 03 30.78	+05 11 48.3		809
1993 TF ₁₅	1993 10 20.16944	01 00 12.51	+05 22 05.2		809	1993 TZ ₁₅	1993 10 20.18264	01 03 30.11	+05 11 44.1		809
1993 TF ₁₅	1993 10 20.18264	01 00 11.81	+05 22 03.7		809	1993 TA ₁₆	1993 10 20.15625	01 03 45.67	+03 25 28.9	18.4	809
1993 TG ₁₅	1993 10 20.15625	01 02 46.55	+03 39 04.8	18.5	809	1993 TA ₁₆	1993 10 20.16944	01 03 45.01	+03 25 25.1		809
1993 TG ₁₅	1993 10 20.16944	01 02 46.02	+03 38 56.6		809	1993 TA ₁₆	1993 10 20.18264	01 03 44.45	+03 25 21.5		809
1993 TG ₁₅	1993 10 20.18264	01 02 45.49	+03 38 50.4		809	1993 TB ₁₆	1993 10 20.15625	01 03 45.14	+05 45 59.6	18.5	809
1993 TJ ₁₅	1993 10 20.15625	00 58 00.33	+05 45 38.9	18.5	809	1993 TB ₁₆	1993 10 20.16944	01 03 44.54	+05 45 56.7		809
1993 TJ ₁₅	1993 10 20.16944	00 57 59.52	+05 45 36.4		809	1993 TB ₁₆	1993 10 20.18264	01 03 43.87	+05 45 53.3		809
1993 TJ ₁₅	1993 10 20.18264	00 57 58.71	+05 45 34.2		809	1993 TC ₁₆	1993 10 20.15625	01 04 11.15	+03 00 15.5	18.5	809
1993 TK ₁₅	1993 10 20.15625	01 02 05.88	+06 52 58.9	18.4	809	1993 TC ₁₆	1993 10 20.16944	01 04 10.54	+03 00 12.2		809
1993 TK ₁₅	1993 10 20.16944	01 02 05.33	+06 52 55.5		809	1993 TC ₁₆	1993 10 20.18264	01 04 10.05	+03 00 07.7		809
1993 TK ₁₅	1993 10 20.18264	01 02 04.78	+06 52 51.9		809	1993 TD ₁₆	1993 10 20.15625	01 01 49.65	+06 04 05.3	18.4	809
1993 TL ₁₅	1993 10 20.15625	01 00 13.92	+06 02 20.8	18.0	809	1993 TD ₁₆	1993 10 20.16944	01 01 48.79	+06 04 00.2		809
1993 TL ₁₅	1993 10 20.16944	01 00 13.16	+06 02 18.6		809	1993 TD ₁₆	1993 10 20.18264	01 01 48.00	+06 03 56.0		809
1993 TL ₁₅	1993 10 20.18264	01 00 12.46	+06 02 16.4		809	1993 TE ₁₆	1993 10 20.15625	01 01 50.25	+05 33 10.8	18.3	809
1993 TM ₁₅	1993 10 20.15625	01 01 23.70	+02 21 07.3	18.5	809	1993 TE ₁₆	1993 10 20.16944	01 01 49.47	+05 33 09.4		809
1993 TM ₁₅	1993 10 20.16944	01 01 23.11	+02 21 04.7		809	1993 TE ₁₆	1993 10 20.18264	01 01 48.70	+05 33 05.8		809
1993 TM ₁₅	1993 10 20.18264	01 01 22.46	+02 21 01.0		809	1993 TF ₁₆	1993 10 20.15625	01 04 52.86	+04 34 34.5	18.5	809
1993 TN ₁₅	1993 10 20.15625	00 59 58.63	+04 19 29.8	18.4	809	1993 TF ₁₆	1993 10 20.16944	01 04 52.21	+04 34 26.9		809
1993 TN ₁₅	1993 10 20.16944	00 59 57.93	+04 19 27.3		809	1993 TF ₁₆	1993 10 20.18264	01 04 51.62	+04 34 18.9		809
1993 TN ₁₅	1993 10 20.18264	00 59 57.19	+04 19 22.8		809	1993 TG ₁₆	1993 10 20.15625	01 01 31.23	+04 24 24.9	18.7	809
1993 TO ₁₅	1993 10 20.15625	01 01 38.04	+06 16 08.4	18.3	809	1993 TG ₁₆	1993 10 20.16944	01 01 30.32	+04 24 24.0		809
1993 TO ₁₅	1993 10 20.16944	01 01 37.41	+06 16 03.3		809	1993 TG ₁₆	1993 10 20.18264	01 01 29.49	+04 24 22.7		809
1993 TO ₁₅	1993 10 20.18264	01 01 36.83	+06 15 59.1		809	1993 TJ ₁₆	1993 10 20.15625	01 02 13.25	+06 47 49.9	18.5	809
1993 TP ₁₅	1993 10 20.15625	01 02 19.43	+03 15 21.2	18.3	809	1993 TJ ₁₆	1993 10 20.16944	01 02 12.49	+06 47 48.2		809
1993 TP ₁₅	1993 10 20.16944	01 02 18.89	+03 15 18.2		809	1993 TJ ₁₆	1993 10 20.18264	01 02 11.66	+06 47 47.0		809
1993 TP ₁₅	1993 10 20.18264	01 02 18.20	+03 15 14.5		809	1993 TK ₁₆	1993 10 20.15625	01 03 30.28	+03 35 13.8	18.4	809
1993 TQ ₁₅	1993 10 20.15625	00 59 50.29	+06 21 50.0	18.6	809	1993 TK ₁₆	1993 10 20.16944	01 03 29.64	+03 35 08.4		809
1993 TQ ₁₅	1993 10 20.16944	00 59 49.56	+06 21 48.7		809	1993 TK ₁₆	1993 10 20.18264	01 03 28.90	+03 35 04.6		809
1993 TQ ₁₅	1993 10 20.18264	00 59 48.72	+06 21 48.2		809	1993 TL ₁₆	1993 10 20.15625	01 04 51.29	+05 38 01.3	18.3	809
1993 TR ₁₅	1993 10 20.15625	00 59 45.28	+04 33 07.4	18.4	809	1993 TL ₁₆	1993 10 20.16944	01 04 50.67	+05 37 57.4		809
1993 TR ₁₅	1993 10 20.16944	00 59 44.51	+04 33 05.9		809	1993 TL ₁₆	1993 10 20.18264	01 04 50.11	+05 37 52.7		809
1993 TR ₁₅	1993 10 20.18264	00 59 43.73	+04 33 04.8		809	1993 TM ₁₆	1993 10 20.15625	01 05 23.80	+03 21 56.5	18.0	809
1993 TS ₁₅	1993 10 20.15625	01 02 26.95	+03 09 14.5	18.2	809	1993 TM ₁₆	1993 10 20.16944	01 05 23.24	+03 21 53.2		809
1993 TS ₁₅	1993 10 20.16944	01 02 26.32	+03 09 10.6		809	1993 TM ₁₆	1993 10 20.18264	01 05 22.66	+03 21 50.4		809
1993 TS ₁₅	1993 10 20.18264	01 02 25.70	+03 09 06.1		809	1993 TN ₁₆	1993 10 20.15625	01 03 12.59	+02 18 35.7	18.5	809
1993 TU ₁₅	1993 10 20.15625	01 03 03.67	+06 38 17.3	18.4	809	1993 TN ₁₆	1993 10 20.16944	01 03 11.86	+02 18 32.3		809
1993 TU ₁₅	1993 10 20.16944	01 03 03.12	+06 38 13.6		809	1993 TN ₁₆	1993 10 20.18264	01 03 11.12	+02 18 30.0		809
1993 TU ₁₅	1993 10 20.18264	01 03 02.49	+06 38 09.9		809	1993 TP ₁₆	1993 10 20.15625	01 04 49.91	+03 11 59.8	18.0	809
1993 TV ₁₅	1993 10 20.15625	01 01 30.75	+05 47 21.1	18.3	809	1993 TP ₁₆	1993 10 20.16944	01 04 49.19	+03 12 01.1		809
1993 TV ₁₅	1993 10 20.16944	01 01 30.05	+05 47 20.5		809	1993 TP ₁₆	1993 10 20.18264	01 04 48.48	+03 12 01.9		809
1993 TV ₁₅	1993 10 20.18264	01 01 29.24	+05 47 18.2		809	1993 TQ ₁₆	1993 10 20.15625	00 59 31.03	+05 00 36.5	18.0	809
1993 TW ₁₅	1993 10 20.15625	01 04 15.23	+04 20 22.1	18.5	809	1993 TQ ₁₆	1993 10 20.16944	00 59 30.13	+05 00 41.7		809
1993 TW ₁₅	1993 10 20.16944	01 04 14.62	+04 20 14.6		809	1993 TQ ₁₆	1993 10 20.18264	00 59 29.04	+05 00 47.8		809
1993 TW ₁₅	1993 10 20.18264	01 04 14.07	+04 20 07.2		809	1993 TR ₁₆	1993 10 20.15625	01 04 28.85	+02 14 16.3	18.2	809
1993 TX ₁₅	1993 10 20.15625	01 00 47.02	+03 19 00.1	18.5	809	1993 TR ₁₆	1993 10 20.16944	01 04 28.15	+02 14 10.1		809
1993 TX ₁₅	1993 10 20.16944	01 00 46.15	+03 18 56.9		809	1993 TR ₁₆	1993 10 20.18264	01 04 27.46	+02 14 03.9		809
1993 TX ₁₅	1993 10 20.18264	01 00 45.35	+03 18 52.4		809	1993 TS ₁₆	1993 10 20.15625	01 05 11.42	+03 55 06.6	18.5	809
1993 TY ₁₅	1993 10 20.15625	01 00 57.07	+04 48 38.9	18.7	809	1993 TS ₁₆	1993 10 20.16944	01 05 10.77	+03 55 01.8		809
1993 TY ₁₅	1993 10 20.16944	01 00 56.42	+04 48 38.3		809	1993 TS ₁₆	1993 10 20.18264	01 05 10.17	+03 54 57.9		809

1993 TT ₁₆	1993 10 20.15625	01 05 36.61	+01 39 55.4	18.5	809	1993 TN ₁₇	1993 10 20.16944	01 04 35.94	+02 41 41.5	809
1993 TT ₁₆	1993 10 20.16944	01 05 35.89	+01 39 50.8		809	1993 TN ₁₇	1993 10 20.18264	01 04 35.05	+02 41 37.2	809
1993 TT ₁₆	1993 10 20.18264	01 05 35.29	+01 39 45.0		809	1993 TO ₁₇	1993 10 20.15625	01 06 10.40	+05 56 55.1	18.4 809
1993 TU ₁₆	1993 10 20.15625	01 05 47.88	+04 52 48.1	18.4	809	1993 TO ₁₇	1993 10 20.16944	01 06 09.65	+05 56 52.6	809
1993 TU ₁₆	1993 10 20.16944	01 05 47.23	+04 52 45.6		809	1993 TO ₁₇	1993 10 20.18264	01 06 09.00	+05 56 49.4	809
1993 TU ₁₆	1993 10 20.18264	01 05 46.58	+04 52 42.5		809	1993 TQ ₁₇	1993 10 20.15625	01 07 47.24	+03 02 22.3	18.4 809
1993 TW ₁₆	1993 10 20.15625	01 05 56.79	+03 15 11.9	18.5	809	1993 TQ ₁₇	1993 10 20.16944	01 07 46.63	+03 02 17.4	809
1993 TW ₁₆	1993 10 20.16944	01 05 56.13	+03 15 08.8		809	1993 TQ ₁₇	1993 10 20.18264	01 07 46.03	+03 02 11.9	809
1993 TW ₁₆	1993 10 20.18264	01 05 55.51	+03 15 03.3		809	1993 TT ₁₇	1993 10 20.15625	01 07 08.88	+06 49 20.4	18.5 809
1993 TX ₁₆	1993 10 20.15625	01 06 06.77	+06 46 58.0	18.5	809	1993 TT ₁₇	1993 10 20.16944	01 07 08.24	+06 49 16.9	809
1993 TX ₁₆	1993 10 20.16944	01 06 06.25	+06 46 54.7		809	1993 TT ₁₇	1993 10 20.18264	01 07 07.57	+06 49 13.7	809
1993 TX ₁₆	1993 10 20.18264	01 06 05.65	+06 46 51.9		809	1993 TU ₁₇	1993 10 20.15625	01 08 18.59	+02 22 11.2	18.6 809
1993 TY ₁₆	1993 10 20.15625	01 02 59.96	+04 01 59.9	18.3	809	1993 TU ₁₇	1993 10 20.16944	01 08 17.91	+02 22 07.1	809
1993 TY ₁₆	1993 10 20.16944	01 02 59.14	+04 01 58.4		809	1993 TV ₁₇	1993 10 20.15625	01 06 50.99	+03 04 24.7	18.2 809
1993 TY ₁₆	1993 10 20.18264	01 02 58.31	+04 01 57.8		809	1993 TV ₁₇	1993 10 20.16944	01 06 50.22	+03 04 25.0	809
1993 TZ ₁₆	1993 10 20.15625	01 06 15.71	+03 53 04.7	18.7	809	1993 TV ₁₇	1993 10 20.18264	01 06 49.48	+03 04 25.6	809
1993 TZ ₁₆	1993 10 20.16944	01 06 14.87	+03 52 59.3		809	1993 TW ₁₇	1993 10 20.15625	01 09 34.03	+02 57 02.4	18.2 809
1993 TZ ₁₆	1993 10 20.18264	01 06 14.32	+03 52 54.8		809	1993 TW ₁₇	1993 10 20.16944	01 09 33.49	+02 56 51.4	809
1993 TA ₁₇	1993 10 20.15625	01 07 24.60	+02 31 40.6	18.0	809	1993 TW ₁₇	1993 10 20.18264	01 09 32.91	+02 56 41.7	809
1993 TA ₁₇	1993 10 20.16944	01 07 24.11	+02 31 33.2		809	1993 TY ₁₇	1993 10 20.15625	01 07 34.79	+02 14 41.5	18.5 809
1993 TA ₁₇	1993 10 20.18264	01 07 23.55	+02 31 26.9		809	1993 TY ₁₇	1993 10 20.16944	01 07 34.00	+02 14 35.2	809
1993 TB ₁₇	1993 10 20.15625	01 06 51.27	+04 13 33.3	18.6	809	1993 TY ₁₇	1993 10 20.18264	01 07 33.32	+02 14 29.3	809
1993 TB ₁₇	1993 10 20.16944	01 06 50.71	+04 13 29.1		809	1993 TA ₁₈	1993 10 20.15625	01 06 12.16	+06 32 21.8	18.5 809
1993 TB ₁₇	1993 10 20.18264	01 06 50.08	+04 13 24.7		809	1993 TA ₁₈	1993 10 20.16944	01 06 11.28	+06 32 20.1	809
1993 TD ₁₇	1993 10 20.15625	01 06 15.01	+04 17 08.5	18.5	809	1993 TA ₁₈	1993 10 20.18264	01 06 10.57	+06 32 17.1	809
1993 TD ₁₇	1993 10 20.16944	01 06 14.36	+04 17 04.5		809	1993 TB ₁₈	1993 10 20.15625	01 06 53.13	+04 52 47.4	18.2 809
1993 TD ₁₇	1993 10 20.18264	01 06 13.65	+04 17 01.5		809	1993 TB ₁₈	1993 10 20.16944	01 06 52.42	+04 52 42.3	809
1993 TE ₁₇	1993 10 20.15625	01 09 11.04	+02 30 23.7	18.3	809	1993 TB ₁₈	1993 10 20.18264	01 06 51.65	+04 52 37.4	809
1993 TE ₁₇	1993 10 20.16944	01 09 10.61	+02 30 13.9		809	1993 TC ₁₈	1993 10 20.15625	01 08 10.24	+03 55 19.1	18.5 809
1993 TE ₁₇	1993 10 20.18264	01 09 10.15	+02 30 01.7		809	1993 TC ₁₈	1993 10 20.16944	01 08 09.62	+03 55 15.7	809
1993 TF ₁₇	1993 10 20.15625	01 06 05.77	+03 34 19.3	18.3	809	1993 TC ₁₈	1993 10 20.18264	01 08 08.92	+03 55 12.0	809
1993 TF ₁₇	1993 10 20.16944	01 06 05.09	+03 34 11.6		809	1993 TD ₁₈	1993 10 20.15625	01 07 49.65	+04 59 38.3	18.5 809
1993 TF ₁₇	1993 10 20.18264	01 06 04.43	+03 34 03.3		809	1993 TD ₁₈	1993 10 20.16944	01 07 48.96	+04 59 37.8	809
1993 TG ₁₇	1993 10 20.15625	01 07 04.35	+05 56 08.1	18.5	809	1993 TD ₁₈	1993 10 20.18264	01 07 48.27	+04 59 37.0	809
1993 TG ₁₇	1993 10 20.16944	01 07 03.80	+05 56 04.8		809	1993 TF ₁₈	1993 10 20.15625	01 07 36.32	+05 50 48.7	18.2 809
1993 TG ₁₇	1993 10 20.18264	01 07 03.40	+05 56 04.7		809	1993 TF ₁₈	1993 10 20.16944	01 07 35.60	+05 50 46.6	809
1993 TH ₁₇	1993 10 20.15625	01 05 59.42	+05 18 40.7	18.7	809	1993 TF ₁₈	1993 10 20.18264	01 07 34.86	+05 50 44.7	809
1993 TH ₁₇	1993 10 20.16944	01 05 58.64	+05 18 38.8		809	1993 TG ₁₈	1993 10 20.15625	01 09 49.47	+05 22 51.8	18.5 809
1993 TH ₁₇	1993 10 20.18264	01 05 57.95	+05 18 38.0		809	1993 TG ₁₈	1993 10 20.16944	01 09 48.88	+05 22 46.9	809
1993 TJ ₁₇	1993 10 20.15625	01 04 36.39	+04 16 15.5	18.5	809	1993 TG ₁₈	1993 10 20.18264	01 09 48.26	+05 22 42.5	809
1993 TJ ₁₇	1993 10 20.16944	01 04 35.42	+04 16 12.9		809	1993 TH ₁₈	1993 10 20.15625	01 09 26.15	+04 30 17.7	18.3 809
1993 TJ ₁₇	1993 10 20.18264	01 04 34.75	+04 16 11.9		809	1993 TH ₁₈	1993 10 20.16944	01 09 25.52	+04 30 14.1	809
1993 TK ₁₇	1993 10 20.15625	01 05 26.60	+03 42 14.5	18.3	809	1993 TH ₁₈	1993 10 20.18264	01 09 24.92	+04 30 10.2	809
1993 TK ₁₇	1993 10 20.16944	01 05 25.84	+03 42 15.7		809	1993 TL ₁₈	1993 10 20.15625	01 09 47.97	+04 48 04.3	18.3 809
1993 TK ₁₇	1993 10 20.18264	01 05 25.06	+03 42 16.3		809	1993 TL ₁₈	1993 10 20.16944	01 09 47.28	+04 48 01.7	809
1993 TL ₁₇	1993 10 20.15625	01 07 34.13	+02 56 33.3	18.4	809	1993 TL ₁₈	1993 10 20.18264	01 09 46.69	+04 47 59.2	809
1993 TL ₁₇	1993 10 20.16944	01 07 33.45	+02 56 27.3		809	1993 TM ₁₈	1993 10 20.15625	01 08 28.58	+03 16 24.0	18.2 809
1993 TL ₁₇	1993 10 20.18264	01 07 32.82	+02 56 21.6		809	1993 TM ₁₈	1993 10 20.16944	01 08 27.86	+03 16 21.8	809
1993 TM ₁₇	1993 10 20.15625	01 07 00.18	+05 24 10.0	18.6	809	1993 TM ₁₈	1993 10 20.18264	01 08 27.14	+03 16 20.8	809
1993 TM ₁₇	1993 10 20.16944	01 06 59.60	+05 24 04.3		809	1993 TN ₁₈	1993 10 20.15625	01 09 04.38	+03 33 47.7	18.1 809
1993 TM ₁₇	1993 10 20.18264	01 06 58.93	+05 24 00.2		809	1993 TN ₁₈	1993 10 20.16944	01 09 03.70	+03 33 44.4	809
1993 TN ₁₇	1993 10 20.15625	01 04 36.84	+02 41 44.5	18.5	809	1993 TN ₁₈	1993 10 20.18264	01 09 03.05	+03 33 41.4	809

1993 TO ₁₈	1993 10 20.15625	01 08 00.68	+06 40 39.8	18.5	809	1993 TV ₁₉	1993 10 20.16944	01 13 05.30	+02 41 11.2	809
1993 TO ₁₈	1993 10 20.16944	01 07 59.79	+06 40 36.6		809	1993 TV ₁₉	1993 10 20.18264	01 13 04.65	+02 41 08.2	809
1993 TO ₁₈	1993 10 20.18264	01 07 59.00	+06 40 32.1		809	1993 TW ₁₉	1993 10 20.15625	01 12 17.10	+03 40 49.1	18.5 809
1993 TP ₁₈	1993 10 20.15625	01 10 16.58	+04 42 24.6	18.4	809	1993 TW ₁₉	1993 10 20.16944	01 12 16.47	+03 40 46.2	809
1993 TP ₁₈	1993 10 20.16944	01 10 15.98	+04 42 23.0		809	1993 TW ₁₉	1993 10 20.18264	01 12 15.71	+03 40 43.7	809
1993 TP ₁₈	1993 10 20.18264	01 10 15.26	+04 42 18.8		809	1993 TX ₁₉	1993 10 20.15625	01 12 47.62	+05 47 50.2	18.3 809
1993 TQ ₁₈	1993 10 20.15625	01 10 54.58	+02 28 40.7	18.1	809	1993 TX ₁₉	1993 10 20.16944	01 12 46.88	+05 47 44.5	809
1993 TQ ₁₈	1993 10 20.16944	01 10 54.01	+02 28 35.5		809	1993 TX ₁₉	1993 10 20.18264	01 12 46.18	+05 47 38.8	809
1993 TQ ₁₈	1993 10 20.18264	01 10 53.40	+02 28 29.9		809	1993 TY ₁₉	1993 10 20.15625	01 10 35.18	+04 11 07.1	18.4 809
1993 TS ₁₈	1993 10 20.15625	01 08 22.79	+05 29 19.0	18.5	809	1993 TY ₁₉	1993 10 20.16944	01 10 34.27	+04 11 05.6	809
1993 TS ₁₈	1993 10 20.16944	01 08 22.05	+05 29 15.5		809	1993 TY ₁₉	1993 10 20.18264	01 10 33.42	+04 11 03.5	809
1993 TS ₁₈	1993 10 20.18264	01 08 21.23	+05 29 11.1		809	1993 TZ ₁₉	1993 10 20.15625	01 12 45.88	+03 10 38.5	18.3 809
1993 TW ₁₈	1993 10 20.15625	01 08 55.69	+06 17 59.7	18.4	809	1993 TZ ₁₉	1993 10 20.16944	01 12 45.23	+03 10 36.5	809
1993 TW ₁₈	1993 10 20.16944	01 08 54.98	+06 17 56.7		809	1993 TZ ₁₉	1993 10 20.18264	01 12 44.50	+03 10 34.8	809
1993 TW ₁₈	1993 10 20.18264	01 08 54.10	+06 17 53.9		809	1993 TA ₂₀	1993 10 20.15625	01 12 46.00	+02 41 10.5	18.5 809
1993 TY ₁₈	1993 10 20.15625	01 10 46.10	+03 55 55.7	18.2	809	1993 TA ₂₀	1993 10 20.16944	01 12 45.37	+02 41 06.4	809
1993 TY ₁₈	1993 10 20.16944	01 10 45.49	+03 55 48.9		809	1993 TA ₂₀	1993 10 20.18264	01 12 44.60	+02 41 02.0	809
1993 TY ₁₈	1993 10 20.18264	01 10 44.88	+03 55 41.5		809	1993 TC ₂₀	1993 10 20.15625	01 13 06.29	+05 32 51.1	18.3 809
1993 TZ ₁₈	1993 10 20.15625	01 11 14.87	+02 46 14.9	18.3	809	1993 TC ₂₀	1993 10 20.16944	01 13 05.64	+05 32 48.6	809
1993 TZ ₁₈	1993 10 20.16944	01 11 14.28	+02 46 08.2		809	1993 TC ₂₀	1993 10 20.18264	01 13 04.97	+05 32 46.2	809
1993 TZ ₁₈	1993 10 20.18264	01 11 13.63	+02 46 01.5		809	1993 TD ₂₀	1993 10 20.15625	01 13 02.01	+03 39 50.0	18.4 809
1993 TB ₁₉	1993 10 20.15625	01 10 29.42	+03 55 59.5	18.3	809	1993 TD ₂₀	1993 10 20.16944	01 13 01.25	+03 39 46.3	809
1993 TB ₁₉	1993 10 20.16944	01 10 28.74	+03 55 57.1		809	1993 TD ₂₀	1993 10 20.18264	01 13 00.55	+03 39 44.0	809
1993 TB ₁₉	1993 10 20.18264	01 10 27.96	+03 55 54.1		809	1993 TF ₂₀	1993 10 20.15625	01 13 35.51	+04 20 26.0	18.5 809
1993 TE ₁₉	1993 10 20.15625	01 10 57.02	+06 03 35.0	18.4	809	1993 TF ₂₀	1993 10 20.16944	01 13 34.77	+04 20 21.9	809
1993 TE ₁₉	1993 10 20.16944	01 10 56.47	+06 03 28.3		809	1993 TF ₂₀	1993 10 20.18264	01 13 34.02	+04 20 17.7	809
1993 TE ₁₉	1993 10 20.18264	01 10 55.80	+06 03 22.2		809	1993 TG ₂₀	1993 10 20.15625	01 13 09.88	+04 11 54.6	18.2 809
1993 TG ₁₉	1993 10 20.15625	01 09 45.00	+03 45 13.5	18.3	809	1993 TG ₂₀	1993 10 20.16944	01 13 09.14	+04 11 52.5	809
1993 TG ₁₉	1993 10 20.16944	01 09 44.24	+03 45 10.0		809	1993 TG ₂₀	1993 10 20.18264	01 13 08.36	+04 11 50.8	809
1993 TG ₁₉	1993 10 20.18264	01 09 43.45	+03 45 07.8		809	1993 TH ₂₀	1993 10 20.15625	01 14 31.37	+03 42 37.3	18.4 809
1993 TM ₁₉	1993 10 20.15625	01 11 17.32	+04 20 08.9	18.4	809	1993 TH ₂₀	1993 10 20.16944	01 14 30.65	+03 42 35.1	809
1993 TM ₁₉	1993 10 20.16944	01 11 16.60	+04 20 07.1		809	1993 TH ₂₀	1993 10 20.18264	01 14 29.95	+03 42 32.4	809
1993 TM ₁₉	1993 10 20.18264	01 11 15.89	+04 20 03.3		809	1993 TJ ₂₀	1993 10 20.15625	01 12 44.88	+04 00 03.7	18.4 809
1993 TN ₁₉	1993 10 20.15625	01 10 44.88	+06 50 25.4	18.4	809	1993 TJ ₂₀	1993 10 20.16944	01 12 44.14	+04 00 03.4	809
1993 TN ₁₉	1993 10 20.16944	01 10 44.35	+06 50 24.6		809	1993 TJ ₂₀	1993 10 20.18264	01 12 43.27	+04 00 02.6	809
1993 TN ₁₉	1993 10 20.18264	01 10 43.59	+06 50 22.6		809	1993 TK ₂₀	1993 10 20.15625	01 13 18.87	+04 00 17.5	18.4 809
1993 TO ₁₉	1993 10 20.15625	01 12 31.55	+04 54 12.5	18.3	809	1993 TK ₂₀	1993 10 20.16944	01 13 18.04	+04 00 18.8	809
1993 TO ₁₉	1993 10 20.16944	01 12 30.92	+04 54 11.1		809	1993 TK ₂₀	1993 10 20.18264	01 13 17.32	+04 00 19.6	809
1993 TO ₁₉	1993 10 20.18264	01 12 30.18	+04 54 09.9		809	1993 TL ₂₀	1993 10 11.15972	01 22 24.88	+05 03 29.1	18.2 809
1993 TP ₁₉	1993 10 20.15625	01 11 44.59	+02 40 17.8	18.2	809	1993 TL ₂₀	1993 10 11.17292	01 22 24.09	+05 03 20.7	809
1993 TP ₁₉	1993 10 20.16944	01 11 43.87	+02 40 12.7		809	1993 TL ₂₀	1993 10 11.18611	01 22 23.41	+05 03 14.1	809
1993 TP ₁₉	1993 10 20.18264	01 11 43.15	+02 40 07.0		809	1993 TM ₂₀	1993 10 11.15972	01 22 20.03	+04 57 32.8	18.0 809
1993 TQ ₁₉	1993 10 20.15625	01 12 41.16	+05 29 28.8	18.3	809	1993 TM ₂₀	1993 10 11.17292	01 22 19.18	+04 57 28.4	809
1993 TQ ₁₉	1993 10 20.16944	01 12 40.51	+05 29 20.7		809	1993 TM ₂₀	1993 10 11.18611	01 22 18.32	+04 57 24.7	809
1993 TQ ₁₉	1993 10 20.18264	01 12 39.87	+05 29 14.2		809	1993 TM ₂₀	1993 10 20.15625	01 13 13.41	+04 15 04.7	18.3 809
1993 TT ₁₉	1993 10 20.15625	01 12 57.53	+05 36 02.5	18.6	809	1993 TM ₂₀	1993 10 20.16944	01 13 12.64	+04 15 01.3	809
1993 TT ₁₉	1993 10 20.16944	01 12 56.84	+05 35 58.7		809	1993 TN ₂₀	1993 10 20.18264	01 13 11.78	+04 14 57.8	809
1993 TT ₁₉	1993 10 20.18264	01 12 56.16	+05 35 55.7		809	1993 TN ₂₀	1993 10 20.15625	01 12 41.84	+05 59 24.6	18.3 809
1993 TU ₁₉	1993 10 20.15625	01 13 17.96	+05 02 00.6	18.4	809	1993 TN ₂₀	1993 10 20.16944	01 12 41.05	+05 59 23.8	809
1993 TU ₁₉	1993 10 20.16944	01 13 17.31	+05 01 56.3		809	1993 TN ₂₀	1993 10 20.18264	01 12 40.20	+05 59 24.6	809
1993 TU ₁₉	1993 10 20.18264	01 13 16.67	+05 01 50.9		809	1993 TO ₂₀	1993 10 11.15972	01 23 13.48	+04 26 30.0	18.3 809
1993 TV ₁₉	1993 10 20.15625	01 13 05.95	+02 41 15.0	18.2	809	1993 TO ₂₀	1993 10 11.17292	01 23 12.86	+04 26 24.4	809

1993 TO ₂₀	1993 10 11.18611	01 23 12.28	+04 26 20.0		809	1993 TU ₂₀	1993 10 20.15625	01 13 57.57	+06 11 13.9	18.3	809
1993 TO ₂₀	1993 10 20.15625	01 16 41.21	+03 35 39.2	18.5	809	1993 TU ₂₀	1993 10 20.16944	01 13 56.74	+06 11 12.0		809
1993 TO ₂₀	1993 10 20.16944	01 16 40.57	+03 35 35.7		809	1993 TU ₂₀	1993 10 20.18264	01 13 55.78	+06 11 09.8		809
1993 TO ₂₀	1993 10 20.18264	01 16 39.96	+03 35 31.0		809	1993 TV ₂₀	1993 10 09.19236	01 25 42.35	+05 23 09.9		809
1993 TO ₂₀	1993 10 20.20000	01 16 39.34	+03 35 29.6	18.3	809	1993 TV ₂₀	1993 10 09.20556	01 25 40.97	+05 23 19.9		809
1993 TO ₂₀	1993 10 20.21319	01 16 38.71	+03 35 26.1		809	1993 TV ₂₀	1993 10 09.21875	01 25 39.55	+05 23 30.4		809
1993 TO ₂₀	1993 10 20.22639	01 16 38.11	+03 35 21.7		809	1993 TV ₂₀	1993 10 11.15972	01 22 21.68	+05 48 41.8	18.0	809
1993 TP ₂₀	1993 10 20.15625	01 16 25.40	+05 00 42.6	18.5	809	1993 TV ₂₀	1993 10 11.17292	01 22 20.25	+05 48 52.0		809
1993 TP ₂₀	1993 10 20.16944	01 16 24.75	+05 00 36.5		809	1993 TV ₂₀	1993 10 11.18611	01 22 18.89	+05 49 01.5		809
1993 TP ₂₀	1993 10 20.18264	01 16 24.22	+05 00 32.2		809	1993 TW ₂₀	1993 10 09.19236	01 25 49.33	+04 54 22.4		809
1993 TP ₂₀	1993 10 20.20000	01 16 23.47	+05 00 24.0	18.3	809	1993 TW ₂₀	1993 10 09.20556	01 25 48.47	+04 54 17.7		809
1993 TP ₂₀	1993 10 20.21319	01 16 22.91	+05 00 18.4		809	1993 TW ₂₀	1993 10 09.21875	01 25 47.68	+04 54 13.0		809
1993 TP ₂₀	1993 10 20.22639	01 16 22.22	+05 00 12.7		809	1993 TW ₂₀	1993 10 11.15972	01 24 01.95	+04 42 58.3	18.5	809
1993 TQ ₂₀	1993 10 20.15625	01 17 02.36	+04 23 57.7	18.3	809	1993 TW ₂₀	1993 10 11.17292	01 24 01.06	+04 42 53.5		809
1993 TQ ₂₀	1993 10 20.16944	01 17 01.78	+04 23 48.1		809	1993 TW ₂₀	1993 10 11.18611	01 24 00.35	+04 42 48.9		809
1993 TQ ₂₀	1993 10 20.18264	01 17 01.11	+04 23 39.7		809	1993 TW ₂₀	1993 10 20.15625	01 15 55.63	+03 54 01.5	18.5	809
1993 TQ ₂₀	1993 10 20.20000	01 17 00.41	+04 23 32.0	18.2	809	1993 TW ₂₀	1993 10 20.16944	01 15 54.94	+03 53 59.0		809
1993 TQ ₂₀	1993 10 20.21319	01 16 59.78	+04 23 22.9		809	1993 TW ₂₀	1993 10 20.18264	01 15 54.18	+03 53 54.6		809
1993 TQ ₂₀	1993 10 20.22639	01 16 59.15	+04 23 15.2		809	1993 TW ₂₀	1993 10 20.20000	01 15 53.29	+03 53 51.9	18.5	809
1993 TR ₂₀	1993 10 09.19236	01 25 14.24	+05 24 21.0		809	1993 TW ₂₀	1993 10 20.21319	01 15 52.68	+03 53 48.1		809
1993 TR ₂₀	1993 10 09.20556	01 25 13.66	+05 24 08.8		809	1993 TW ₂₀	1993 10 20.22639	01 15 51.89	+03 53 43.9		809
1993 TR ₂₀	1993 10 09.21875	01 25 13.11	+05 23 56.7		809	1993 TJ ₂₁	1993 10 09.19236	01 26 45.25	+06 29 03.4		809
1993 TR ₂₀	1993 10 11.15972	01 23 58.53	+04 54 33.9	18.0	809	1993 TJ ₂₁	1993 10 09.20556	01 26 44.54	+06 29 02.6		809
1993 TR ₂₀	1993 10 11.17292	01 23 57.99	+04 54 22.4		809	1993 TJ ₂₁	1993 10 09.21875	01 26 43.84	+06 29 02.0		809
1993 TR ₂₀	1993 10 11.18611	01 23 57.38	+04 54 09.9		809	1993 TJ ₂₁	1993 10 11.15972	01 25 03.75	+06 26 35.3	18.2	809
1993 TR ₂₀	1993 10 20.20000	01 18 11.04	+02 41 59.1	18.3	809	1993 TJ ₂₁	1993 10 11.17292	01 25 03.01	+06 26 33.4		809
1993 TR ₂₀	1993 10 20.21319	01 18 10.56	+02 41 47.9		809	1993 TJ ₂₁	1993 10 11.18611	01 25 02.32	+06 26 32.7		809
1993 TR ₂₀	1993 10 20.22639	01 18 09.97	+02 41 36.9		809	1993 TJ ₂₁	1993 10 20.20000	01 17 14.53	+06 15 24.1	18.2	809
1993 TS ₂₀	1993 10 09.19236	01 25 19.45	+05 40 36.6		809	1993 TJ ₂₁	1993 10 20.21319	01 17 13.89	+06 15 22.9		809
1993 TS ₂₀	1993 10 09.20556	01 25 18.71	+05 40 31.9		809	1993 TJ ₂₁	1993 10 20.22639	01 17 13.17	+06 15 22.4		809
1993 TS ₂₀	1993 10 09.21875	01 25 17.90	+05 40 26.4		809	1993 TK ₂₁	1993 10 09.19236	01 28 13.77	+06 12 31.0		809
1993 TS ₂₀	1993 10 11.15972	01 23 25.14	+05 27 46.9	18.0	809	1993 TK ₂₁	1993 10 09.20556	01 28 12.94	+06 12 30.5		809
1993 TS ₂₀	1993 10 11.17292	01 23 24.26	+05 27 41.0		809	1993 TK ₂₁	1993 10 09.21875	01 28 12.13	+06 12 30.0		809
1993 TS ₂₀	1993 10 11.18611	01 23 23.47	+05 27 35.8		809	1993 TK ₂₁	1993 10 11.15972	01 26 09.72	+06 10 45.5	18.1	809
1993 TS ₂₀	1993 10 20.15625	01 14 44.32	+04 30 56.1	18.3	809	1993 TK ₂₁	1993 10 11.17292	01 26 08.94	+06 10 44.6		809
1993 TS ₂₀	1993 10 20.16944	01 14 43.57	+04 30 51.2		809	1993 TK ₂₁	1993 10 11.18611	01 26 08.02	+06 10 43.8		809
1993 TS ₂₀	1993 10 20.18264	01 14 42.75	+04 30 46.4		809	1993 TK ₂₁	1993 10 20.20000	01 16 31.13	+06 03 30.3	18.2	809
1993 TT ₂₀	1993 10 09.19236	01 25 21.28	+03 40 17.2		809	1993 TK ₂₁	1993 10 20.21319	01 16 30.24	+06 03 29.4		809
1993 TT ₂₀	1993 10 09.20556	01 25 20.46	+03 40 17.2		809	1993 TK ₂₁	1993 10 20.22639	01 16 29.38	+06 03 29.3		809
1993 TT ₂₀	1993 10 09.21875	01 25 19.58	+03 40 15.5		809	1993 TM ₂₁	1993 10 09.19236	01 28 19.33	+06 13 30.4		809
1993 TT ₂₀	1993 10 11.15972	01 23 28.44	+03 37 16.4	18.4	809	1993 TM ₂₁	1993 10 09.20556	01 28 18.63	+06 13 30.3		809
1993 TT ₂₀	1993 10 11.17292	01 23 27.63	+03 37 15.4		809	1993 TM ₂₁	1993 10 09.21875	01 28 17.80	+06 13 29.9		809
1993 TT ₂₀	1993 10 11.18611	01 23 26.81	+03 37 13.8		809	1993 TM ₂₁	1993 10 11.15972	01 26 29.09	+06 13 08.1	18.0	809
1993 TT ₂₀	1993 10 20.15625	01 14 54.51	+03 25 23.8	18.5	809	1993 TM ₂₁	1993 10 11.17292	01 26 28.30	+06 13 08.3		809
1993 TT ₂₀	1993 10 20.16944	01 14 53.83	+03 25 23.5		809	1993 TM ₂₁	1993 10 11.18611	01 26 27.51	+06 13 08.2		809
1993 TT ₂₀	1993 10 20.18264	01 14 53.00	+03 25 23.3		809	1993 TM ₂₁	1993 10 20.20000	01 17 44.77	+06 12 29.3	18.2	809
1993 TU ₂₀	1993 10 09.19236	01 25 41.75	+06 42 22.4		809	1993 TM ₂₁	1993 10 20.21319	01 17 44.03	+06 12 28.7		809
1993 TU ₂₀	1993 10 09.20556	01 25 40.91	+06 42 19.6		809	1993 TM ₂₁	1993 10 20.22639	01 17 43.22	+06 12 29.2		809
1993 TU ₂₀	1993 10 09.21875	01 25 39.99	+06 42 17.6		809	1993 TQ ₂₁	1993 10 09.19236	01 31 56.16	+07 01 21.1		809
1993 TU ₂₀	1993 10 11.15972	01 23 36.68	+06 36 47.1	18.5	809	1993 TQ ₂₁	1993 10 09.20556	01 31 55.53	+07 01 16.2		809
1993 TU ₂₀	1993 10 11.17292	01 23 35.83	+06 36 44.1		809	1993 TQ ₂₁	1993 10 09.21875	01 31 54.95	+07 01 10.3		809
1993 TU ₂₀	1993 10 11.18611	01 23 34.93	+06 36 41.8		809	1993 TQ ₂₁	1993 10 20.20000	01 23 41.88	+05 47 05.8	18.2	809

1993 TQ ₂₁	1993 10 20.21319	01 23 41.28	+05 47 00.5	809	1993 TO ₂₂	1993 10 11.15972	01 24 54.24	+04 22 12.1	18.4	809
1993 TQ ₂₁	1993 10 20.22639	01 23 40.63	+05 46 55.3	809	1993 TO ₂₂	1993 10 11.17292	01 24 53.50	+04 22 08.2		809
1993 TH ₂₂	* 1993 10 09.19236	01 25 09.33	+04 43 34.1	809	1993 TO ₂₂	1993 10 11.18611	01 24 52.75	+04 22 04.7		809
1993 TH ₂₂	1993 10 09.20556	01 25 08.68	+04 43 26.3	809	1993 TP ₂₂	* 1993 10 09.19236	01 26 31.91	+05 20 43.2		809
1993 TH ₂₂	1993 10 09.21875	01 25 07.95	+04 43 18.9	809	1993 TP ₂₂	1993 10 09.20556	01 26 31.29	+05 20 39.1		809
1993 TH ₂₂	1993 10 11.15972	01 23 38.05	+04 27 32.9	18.5	809	1993 TP ₂₂	1993 10 09.21875	01 26 30.70	+05 20 35.5	809
1993 TH ₂₂	1993 10 11.17292	01 23 37.33	+04 27 26.1	809	809	1993 TP ₂₂	1993 10 11.15972	01 25 07.18	+05 12 23.6	18.8
1993 TH ₂₂	1993 10 11.18611	01 23 36.70	+04 27 18.8	809	809	1993 TP ₂₂	1993 10 11.17292	01 25 06.63	+05 12 20.4	809
1993 TJ ₂₂	* 1993 10 09.19236	01 25 11.91	+04 00 02.1	809	809	1993 TP ₂₂	1993 10 11.18611	01 25 06.02	+05 12 17.8	809
1993 TJ ₂₂	1993 10 09.20556	01 25 11.25	+03 59 59.3	809	809	1993 TP ₂₂	1993 10 11.18611	01 25 06.02	+05 12 17.8	809
1993 TJ ₂₂	1993 10 09.21875	01 25 10.51	+03 59 57.6	809	809	1993 TQ ₂₂	* 1993 10 09.19236	01 26 37.48	+07 03 44.3	809
1993 TJ ₂₂	1993 10 11.15972	01 23 25.23	+03 55 05.7	18.3	809	1993 TQ ₂₂	1993 10 09.20556	01 26 36.62	+07 03 43.5	809
1993 TJ ₂₂	1993 10 11.17292	01 23 24.43	+03 55 03.6	809	809	1993 TQ ₂₂	1993 10 09.21875	01 26 35.84	+07 03 43.0	809
1993 TJ ₂₂	1993 10 11.18611	01 23 23.70	+03 55 01.5	809	809	1993 TQ ₂₂	1993 10 11.15972	01 24 42.51	+07 02 21.9	18.7
1993 TJ ₂₂	1993 10 20.15625	01 15 20.55	+03 34 22.4	18.6	809	1993 TQ ₂₂	1993 10 11.17292	01 24 41.61	+07 02 21.9	809
1993 TJ ₂₂	1993 10 20.16944	01 15 19.76	+03 34 21.5	809	809	1993 TQ ₂₂	1993 10 11.18611	01 24 40.81	+07 02 21.0	809
1993 TJ ₂₂	1993 10 20.18264	01 15 19.02	+03 34 19.4	809	809	1993 TR ₂₂	* 1993 10 09.19236	01 26 50.31	+04 41 00.4	809
1993 TK ₂₂	1993 10 09.14861	01 25 47.23	+06 52 07.0	18.3	809	1993 TR ₂₂	1993 10 09.20556	01 26 49.66	+04 40 56.3	809
1993 TK ₂₂	1993 10 09.16181	01 25 46.45	+06 52 03.3	809	809	1993 TR ₂₂	1993 10 09.21875	01 26 48.91	+04 40 52.3	809
1993 TK ₂₂	1993 10 09.17500	01 25 45.64	+06 52 00.5	809	809	1993 TR ₂₂	1993 10 11.15972	01 25 13.79	+04 31 02.4	18.5
1993 TK ₂₂	* 1993 10 09.19236	01 25 44.75	+06 51 53.8	809	809	1993 TR ₂₂	1993 10 11.17292	01 25 13.09	+04 30 58.6	809
1993 TK ₂₂	1993 10 09.20556	01 25 44.05	+06 51 50.9	809	809	1993 TR ₂₂	1993 10 11.18611	01 25 12.39	+04 30 54.1	809
1993 TK ₂₂	1993 10 09.21875	01 25 43.26	+06 51 46.7	809	809	1993 TS ₂₂	* 1993 10 09.19236	01 26 56.11	+05 24 25.1	809
1993 TK ₂₂	1993 10 11.15972	01 23 51.71	+06 43 50.6	18.3	809	1993 TS ₂₂	1993 10 09.20556	01 26 55.31	+05 24 23.5	809
1993 TK ₂₂	1993 10 11.17292	01 23 50.83	+06 43 47.4	809	809	1993 TS ₂₂	1993 10 09.21875	01 26 54.59	+05 24 23.0	809
1993 TK ₂₂	1993 10 11.18611	01 23 50.02	+06 43 43.5	809	809	1993 TS ₂₂	1993 10 11.15972	01 25 10.31	+05 21 36.6	18.5
1993 TK ₂₂	1993 10 20.15625	01 15 01.24	+06 06 45.9	18.3	809	1993 TS ₂₂	1993 10 11.17292	01 25 09.42	+05 21 35.3	809
1993 TK ₂₂	1993 10 20.16944	01 15 00.50	+06 06 42.9	809	809	1993 TS ₂₂	1993 10 11.18611	01 25 08.77	+05 21 34.1	809
1993 TK ₂₂	1993 10 20.18264	01 14 59.60	+06 06 39.1	809	809	1993 TS ₂₂	1993 10 20.20000	01 16 57.64	+05 09 39.4	18.5
1993 TL ₂₂	* 1993 10 09.19236	01 25 58.31	+03 50 18.3	809	809	1993 TS ₂₂	1993 10 20.21319	01 16 56.83	+05 09 38.5	809
1993 TL ₂₂	1993 10 09.20556	01 25 57.52	+03 50 12.8	809	809	1993 TS ₂₂	1993 10 20.22639	01 16 56.11	+05 09 37.8	809
1993 TL ₂₂	1993 10 09.21875	01 25 56.72	+03 50 08.2	809	809	1993 TT ₂₂	* 1993 10 09.19236	01 27 08.74	+06 34 26.7	809
1993 TL ₂₂	1993 10 11.15972	01 24 09.22	+03 38 00.5	18.5	809	1993 TT ₂₂	1993 10 09.20556	01 27 08.05	+06 34 19.4	809
1993 TL ₂₂	1993 10 11.17292	01 24 08.45	+03 37 54.9	809	809	1993 TT ₂₂	1993 10 09.21875	01 27 07.30	+06 34 12.2	809
1993 TL ₂₂	1993 10 11.18611	01 24 07.65	+03 37 49.3	809	809	1993 TT ₂₂	1993 10 11.15972	01 25 23.07	+06 16 58.2	18.0
1993 TM ₂₂	* 1993 10 09.19236	01 26 27.51	+04 23 04.1	809	809	1993 TT ₂₂	1993 10 11.17292	01 25 22.25	+06 16 51.3	809
1993 TM ₂₂	1993 10 09.20556	01 26 26.89	+04 22 57.1	809	809	1993 TT ₂₂	1993 10 11.18611	01 25 21.49	+06 16 43.4	809
1993 TM ₂₂	1993 10 11.15972	01 24 59.59	+04 07 58.6	18.3	809	1993 TT ₂₂	1993 10 20.20000	01 17 18.57	+04 58 43.5	18.2
1993 TM ₂₂	1993 10 11.17292	01 24 58.88	+04 07 51.3	809	809	1993 TT ₂₂	1993 10 20.21319	01 17 17.79	+04 58 36.4	809
1993 TM ₂₂	1993 10 11.18611	01 24 58.23	+04 07 45.7	809	809	1993 TT ₂₂	1993 10 20.22639	01 17 17.09	+04 58 29.5	809
1993 TM ₂₂	1993 10 20.20000	01 18 11.89	+03 00 11.8	18.3	809	1993 TU ₂₂	* 1993 10 09.19236	01 27 21.78	+07 29 09.8	809
1993 TM ₂₂	1993 10 20.21319	01 18 11.19	+03 00 05.9	809	809	1993 TU ₂₂	1993 10 09.20556	01 27 21.15	+07 29 03.5	809
1993 TM ₂₂	1993 10 20.22639	01 18 10.59	+02 59 59.1	809	809	1993 TU ₂₂	1993 10 09.21875	01 27 20.44	+07 28 57.4	809
1993 TN ₂₂	* 1993 10 09.19236	01 26 30.51	+03 30 39.7	809	809	1993 TU ₂₂	1993 10 11.15972	01 25 42.78	+07 12 55.9	18.5
1993 TN ₂₂	1993 10 09.20556	01 26 29.74	+03 30 37.9	809	809	1993 TU ₂₂	1993 10 11.17292	01 25 42.13	+07 12 48.7	809
1993 TN ₂₂	1993 10 09.21875	01 26 28.95	+03 30 36.6	809	809	1993 TU ₂₂	1993 10 11.18611	01 25 41.30	+07 12 40.5	809
1993 TN ₂₂	1993 10 11.15972	01 24 48.01	+03 28 02.8	18.3	809	1993 TU ₂₂	1993 10 20.20000	01 18 08.10	+05 58 57.3	18.4
1993 TN ₂₂	1993 10 11.17292	01 24 47.25	+03 28 02.1	809	809	1993 TU ₂₂	1993 10 20.21319	01 18 07.36	+05 58 50.4	809
1993 TN ₂₂	1993 10 11.18611	01 24 46.48	+03 28 01.2	809	809	1993 TU ₂₂	1993 10 20.22639	01 18 06.77	+05 58 43.6	809
1993 TO ₂₂	* 1993 10 09.19236	01 26 30.77	+04 30 52.7	809	809	1993 TV ₂₂	* 1993 10 09.19236	01 27 36.90	+03 58 46.3	809
1993 TO ₂₂	1993 10 09.20556	01 26 30.05	+04 30 49.9	809	809	1993 TV ₂₂	1993 10 09.20556	01 27 36.21	+03 58 38.4	809
1993 TO ₂₂	1993 10 09.21875	01 26 29.40	+04 30 45.6	809	809	1993 TV ₂₂	1993 10 09.21875	01 27 35.58	+03 58 32.0	809
					1993 TV ₂₂	1993 10 11.15972	01 26 05.24	+03 40 58.3	18.4	809

1993 TV ₂₂	1993 10 11.17292	01 26 04.52	+03 40 50.0		809	1993 TB ₂₃	1993 10 11.18611	01 26 45.92	+06 26 21.4		809
1993 TV ₂₂	1993 10 11.18611	01 26 03.88	+03 40 43.4		809	1993 TB ₂₃	1993 10 20.20000	01 20 14.68	+05 43 00.3	18.3	809
1993 TV ₂₂	1993 10 20.20000	01 19 01.42	+02 21 50.9	18.5	809	1993 TB ₂₃	1993 10 20.21319	01 20 14.10	+05 42 56.0		809
1993 TV ₂₂	1993 10 20.21319	01 19 00.77	+02 21 44.7		809	1993 TB ₂₃	1993 10 20.22639	01 20 13.46	+05 42 52.3		809
1993 TV ₂₂	1993 10 20.22639	01 19 00.16	+02 21 39.4		809	1993 TC ₂₃	* 1993 10 09.19236	01 28 17.85	+06 39 58.9		809
1993 TW ₂₂	* 1993 10 09.19236	01 27 44.67	+05 07 24.1		809	1993 TC ₂₃	1993 10 09.20556	01 28 17.25	+06 39 54.5		809
1993 TW ₂₂	1993 10 09.20556	01 27 44.17	+05 07 12.0		809	1993 TC ₂₃	1993 10 09.21875	01 28 16.55	+06 39 48.2		809
1993 TW ₂₂	1993 10 09.21875	01 27 43.60	+05 07 01.3		809	1993 TC ₂₃	1993 10 11.15972	01 26 54.05	+06 28 48.0	18.6	809
1993 TW ₂₂	1993 10 11.15972	01 26 28.35	+04 40 12.7	18.4	809	1993 TC ₂₃	1993 10 11.17292	01 26 53.42	+06 28 43.7		809
1993 TW ₂₂	1993 10 11.17292	01 26 27.72	+04 40 01.4		809	1993 TC ₂₃	1993 10 11.18611	01 26 52.91	+06 28 38.9		809
1993 TW ₂₂	1993 10 11.18611	01 26 27.18	+04 39 50.4		809	1993 TC ₂₃	1993 10 20.20000	01 20 28.42	+05 38 08.8	18.5	809
1993 TW ₂₂	1993 10 20.20000	01 20 33.94	+02 38 35.9	18.3	809	1993 TC ₂₃	1993 10 20.21319	01 20 27.78	+05 38 04.3		809
1993 TW ₂₂	1993 10 20.21319	01 20 33.36	+02 38 25.6		809	1993 TC ₂₃	1993 10 20.22639	01 20 27.22	+05 37 59.5		809
1993 TW ₂₂	1993 10 20.22639	01 20 32.82	+02 38 16.4		809	1993 TD ₂₃	* 1993 10 09.19236	01 28 20.60	+07 25 24.5		809
1993 TX ₂₂	* 1993 10 09.19236	01 27 47.32	+04 58 06.6		809	1993 TD ₂₃	1993 10 09.20556	01 28 19.90	+07 25 20.0		809
1993 TX ₂₂	1993 10 09.20556	01 27 46.44	+04 58 03.8		809	1993 TD ₂₃	1993 10 09.21875	01 28 19.21	+07 25 15.5		809
1993 TX ₂₂	1993 10 09.21875	01 27 45.58	+04 58 00.3		809	1993 TD ₂₃	1993 10 11.15972	01 26 42.67	+07 14 15.1	18.3	809
1993 TX ₂₂	1993 10 11.15972	01 25 53.77	+04 50 52.0	18.4	809	1993 TD ₂₃	1993 10 11.17292	01 26 41.88	+07 14 10.2		809
1993 TX ₂₂	1993 10 11.17292	01 25 52.94	+04 50 48.7		809	1993 TD ₂₃	1993 10 11.18611	01 26 41.19	+07 14 05.0		809
1993 TX ₂₂	1993 10 11.18611	01 25 52.15	+04 50 46.7		809	1993 TD ₂₃	1993 10 20.20000	01 19 07.85	+06 22 51.6	18.3	809
1993 TX ₂₂	1993 10 20.15625	01 17 03.74	+04 19 39.1	18.6	809	1993 TD ₂₃	1993 10 20.21319	01 19 07.11	+06 22 46.1		809
1993 TX ₂₂	1993 10 20.16944	01 17 02.92	+04 19 37.8		809	1993 TD ₂₃	1993 10 20.22639	01 19 06.46	+06 22 42.2		809
1993 TX ₂₂	1993 10 20.18264	01 17 02.17	+04 19 34.9		809	1993 TE ₂₃	* 1993 10 09.19236	01 28 21.30	+04 46 06.2		809
1993 TY ₂₂	* 1993 10 09.19236	01 27 55.93	+05 41 14.6		809	1993 TE ₂₃	1993 10 09.20556	01 28 20.37	+04 46 01.9		809
1993 TY ₂₂	1993 10 09.20556	01 27 55.35	+05 41 08.5		809	1993 TE ₂₃	1993 10 09.21875	01 28 19.70	+04 46 03.0		809
1993 TY ₂₂	1993 10 09.21875	01 27 54.77	+05 41 03.0		809	1993 TE ₂₃	1993 10 11.15972	01 26 23.77	+04 39 29.9	18.6	809
1993 TY ₂₂	1993 10 11.15972	01 26 30.93	+05 26 13.8	18.1	809	1993 TE ₂₃	1993 10 11.17292	01 26 22.82	+04 39 27.2		809
1993 TY ₂₂	1993 10 11.17292	01 26 30.25	+05 26 07.5		809	1993 TE ₂₃	1993 10 11.18611	01 26 22.07	+04 39 23.0		809
1993 TY ₂₂	1993 10 11.18611	01 26 29.69	+05 26 01.4		809	1993 TE ₂₃	1993 10 20.20000	01 17 23.35	+04 11 04.9	18.8	809
1993 TY ₂₂	1993 10 20.20000	01 19 57.68	+04 18 44.2	18.2	809	1993 TE ₂₃	1993 10 20.21319	01 17 22.51	+04 11 02.7		809
1993 TY ₂₂	1993 10 20.21319	01 19 57.08	+04 18 38.0		809	1993 TE ₂₃	1993 10 20.22639	01 17 21.68	+04 11 01.0		809
1993 TY ₂₂	1993 10 20.22639	01 19 56.48	+04 18 32.1		809	1993 TF ₂₃	* 1993 10 09.19236	01 28 31.07	+07 16 45.8		809
1993 TZ ₂₂	* 1993 10 09.19236	01 28 08.86	+05 23 07.3		809	1993 TF ₂₃	1993 10 09.20556	01 28 30.37	+07 16 43.1		809
1993 TZ ₂₂	1993 10 09.20556	01 28 08.32	+05 23 01.1		809	1993 TF ₂₃	1993 10 09.21875	01 28 29.72	+07 16 40.6		809
1993 TZ ₂₂	1993 10 09.21875	01 28 07.65	+05 22 55.6		809	1993 TF ₂₃	1993 10 11.15972	01 26 56.65	+07 10 57.0	18.3	809
1993 TZ ₂₂	1993 10 11.15972	01 26 37.75	+05 08 53.4	18.7	809	1993 TF ₂₃	1993 10 11.17292	01 26 55.95	+07 10 54.0		809
1993 TZ ₂₂	1993 10 11.17292	01 26 37.22	+05 08 47.6		809	1993 TF ₂₃	1993 10 11.18611	01 26 55.28	+07 10 52.2		809
1993 TZ ₂₂	1993 10 11.18611	01 26 36.60	+05 08 41.6		809	1993 TG ₂₃	* 1993 10 09.19236	01 28 38.95	+03 34 40.4		809
1993 TZ ₂₂	1993 10 20.20000	01 19 32.99	+04 05 12.3	18.6	809	1993 TG ₂₃	1993 10 09.20556	01 28 37.94	+03 34 45.2		809
1993 TZ ₂₂	1993 10 20.21319	01 19 32.39	+04 05 06.7		809	1993 TG ₂₃	1993 10 09.21875	01 28 36.99	+03 34 49.2		809
1993 TZ ₂₂	1993 10 20.22639	01 19 31.69	+04 05 01.3		809	1993 TG ₂₃	1993 10 11.15972	01 26 19.81	+03 45 57.5	18.1	809
1993 TA ₂₃	* 1993 10 09.19236	01 28 08.96	+07 17 04.2		809	1993 TG ₂₃	1993 10 11.17292	01 26 18.84	+03 46 02.2		809
1993 TA ₂₃	1993 10 09.20556	01 28 08.35	+07 17 01.8		809	1993 TG ₂₃	1993 10 11.18611	01 26 17.85	+03 46 06.3		809
1993 TA ₂₃	1993 10 09.21875	01 28 07.65	+07 16 59.9		809	1993 TH ₂₃	* 1993 10 09.19236	01 28 47.43	+04 55 13.0		809
1993 TA ₂₃	1993 10 11.15972	01 26 34.90	+07 11 20.2	18.6	809	1993 TH ₂₃	1993 10 09.20556	01 28 46.62	+04 55 08.2		809
1993 TA ₂₃	1993 10 11.17292	01 26 34.23	+07 11 17.3		809	1993 TH ₂₃	1993 10 09.21875	01 28 45.81	+04 55 03.5		809
1993 TA ₂₃	1993 10 11.18611	01 26 33.44	+07 11 14.4		809	1993 TH ₂₃	1993 10 11.15972	01 26 50.44	+04 43 51.4	18.5	809
1993 TB ₂₃	* 1993 10 09.19236	01 28 12.23	+06 36 04.3		809	1993 TH ₂₃	1993 10 11.17292	01 26 49.56	+04 43 46.1		809
1993 TB ₂₃	1993 10 09.20556	01 28 11.58	+06 36 00.7		809	1993 TH ₂₃	1993 10 11.18611	01 26 48.72	+04 43 41.0		809
1993 TB ₂₃	1993 10 09.21875	01 28 10.98	+06 35 56.6		809	1993 TH ₂₃	1993 10 20.20000	01 17 43.83	+03 53 22.1	18.5	809
1993 TB ₂₃	1993 10 11.15972	01 26 47.10	+06 26 29.2	18.3	809	1993 TH ₂₃	1993 10 20.21319	01 17 43.09	+03 53 17.4		809
1993 TB ₂₃	1993 10 11.17292	01 26 46.55	+06 26 25.5		809	1993 TH ₂₃	1993 10 20.22639	01 17 42.11	+03 53 11.8		809

1993 TJ ₂₃	* 1993 10 09.19236	01 29 01.84	+04 23 35.4		809	1993 TP ₂₃	1993 10 09.20556	01 29 13.31	+04 15 49.9		809
1993 TJ ₂₃	1993 10 09.20556	01 29 00.98	+04 23 31.1		809	1993 TP ₂₃	1993 10 09.21875	01 29 12.57	+04 15 46.5		809
1993 TJ ₂₃	1993 10 09.21875	01 29 00.25	+04 23 25.4		809	1993 TP ₂₃	1993 10 11.15972	01 27 28.08	+04 07 38.0	18.4	809
1993 TJ ₂₃	1993 10 11.15972	01 27 11.32	+04 13 01.3	18.3	809	1993 TP ₂₃	1993 10 11.17292	01 27 27.31	+04 07 34.6		809
1993 TJ ₂₃	1993 10 11.17292	01 27 10.61	+04 12 57.1		809	1993 TP ₂₃	1993 10 11.18611	01 27 26.55	+04 07 31.8		809
1993 TJ ₂₃	1993 10 11.18611	01 27 09.68	+04 12 52.4		809	1993 TP ₂₃	1993 10 20.20000	01 19 19.17	+03 32 58.5	18.4	809
1993 TJ ₂₃	1993 10 20.20000	01 18 46.09	+03 27 58.3	18.3	809	1993 TP ₂₃	1993 10 20.21319	01 19 18.26	+03 32 54.8		809
1993 TJ ₂₃	1993 10 20.21319	01 18 45.35	+03 27 54.6		809	1993 TP ₂₃	1993 10 20.22639	01 19 17.50	+03 32 51.6		809
1993 TJ ₂₃	1993 10 20.22639	01 18 44.51	+03 27 50.7		809	1993 TQ ₂₃	* 1993 10 09.19236	01 29 15.15	+05 43 52.4		809
1993 TK ₂₃	* 1993 10 09.19236	01 29 01.96	+03 28 43.9		809	1993 TQ ₂₃	1993 10 09.20556	01 29 14.41	+05 43 47.9		809
1993 TK ₂₃	1993 10 09.20556	01 29 01.19	+03 28 44.0		809	1993 TQ ₂₃	1993 10 09.21875	01 29 13.60	+05 43 43.6		809
1993 TK ₂₃	1993 10 09.21875	01 29 00.34	+03 28 42.9		809	1993 TQ ₂₃	1993 10 11.15972	01 27 19.79	+05 32 10.4	18.0	809
1993 TK ₂₃	1993 10 11.15972	01 27 10.76	+03 28 12.0	18.5	809	1993 TQ ₂₃	1993 10 11.17292	01 27 18.93	+05 32 04.5		809
1993 TK ₂₃	1993 10 11.17292	01 27 10.00	+03 28 12.6		809	1993 TQ ₂₃	1993 10 11.18611	01 27 18.12	+05 32 00.1		809
1993 TK ₂₃	1993 10 11.18611	01 27 09.11	+03 28 11.6		809	1993 TQ ₂₃	1993 10 20.20000	01 18 18.02	+04 39 23.5	18.0	809
1993 TK ₂₃	1993 10 20.20000	01 18 25.46	+03 27 54.7	18.4	809	1993 TQ ₂₃	1993 10 20.21319	01 18 17.17	+04 39 19.5		809
1993 TK ₂₃	1993 10 20.21319	01 18 24.64	+03 27 54.9		809	1993 TQ ₂₃	1993 10 20.22639	01 18 16.36	+04 39 14.5		809
1993 TK ₂₃	1993 10 20.22639	01 18 23.88	+03 27 55.1		809	1993 TR ₂₃	* 1993 10 09.19236	01 29 22.54	+07 30 27.3		809
1993 TL ₂₃	* 1993 10 09.19236	01 29 02.07	+07 42 41.7		809	1993 TR ₂₃	1993 10 09.20556	01 29 21.62	+07 30 24.8		809
1993 TL ₂₃	1993 10 09.20556	01 29 01.50	+07 42 37.7		809	1993 TR ₂₃	1993 10 09.21875	01 29 20.79	+07 30 22.1		809
1993 TL ₂₃	1993 10 09.21875	01 29 00.83	+07 42 34.3		809	1993 TR ₂₃	1993 10 11.15972	01 27 17.51	+07 24 17.7	18.1	809
1993 TL ₂₃	1993 10 11.15972	01 27 35.35	+07 33 28.2	18.2	809	1993 TR ₂₃	1993 10 11.17292	01 27 16.66	+07 24 15.2		809
1993 TL ₂₃	1993 10 11.17292	01 27 34.80	+07 33 24.7		809	1993 TR ₂₃	1993 10 11.18611	01 27 15.80	+07 24 12.6		809
1993 TL ₂₃	1993 10 11.18611	01 27 34.13	+07 33 20.4		809	1993 TS ₂₃	* 1993 10 09.19236	01 29 33.53	+04 11 34.4	18.4	809
1993 TM ₂₃	* 1993 10 09.19236	01 29 05.98	+03 47 24.6		809	1993 TS ₂₃	1993 10 09.20556	01 29 32.95	+04 11 26.5		809
1993 TM ₂₃	1993 10 09.20556	01 29 05.30	+03 47 16.7		809	1993 TS ₂₃	1993 10 09.21875	01 29 32.37	+04 11 16.8		809
1993 TM ₂₃	1993 10 09.21875	01 29 04.57	+03 47 10.1		809	1993 TS ₂₃	1993 10 11.15972	01 28 10.67	+03 49 15.3	18.5	809
1993 TM ₂₃	1993 10 11.15972	01 27 23.34	+03 29 26.4	17.9	809	1993 TS ₂₃	1993 10 11.17292	01 28 10.01	+03 49 06.0		809
1993 TM ₂₃	1993 10 11.17292	01 27 22.57	+03 29 19.4		809	1993 TS ₂₃	1993 10 11.18611	01 28 09.48	+03 48 57.8		809
1993 TM ₂₃	1993 10 11.18611	01 27 21.84	+03 29 11.7		809	1993 TS ₂₃	1993 10 20.20000	01 21 46.71	+02 10 17.3	18.5	809
1993 TM ₂₃	1993 10 20.20000	01 19 18.61	+02 09 12.8	18.0	809	1993 TS ₂₃	1993 10 20.21319	01 21 46.16	+02 10 08.4		809
1993 TM ₂₃	1993 10 20.21319	01 19 17.86	+02 09 05.7		809	1993 TS ₂₃	1993 10 20.22639	01 21 45.61	+02 10 00.8		809
1993 TM ₂₃	1993 10 20.22639	01 19 17.11	+02 08 59.2		809	1993 TT ₂₃	* 1993 10 09.19236	01 29 50.07	+05 07 17.3		809
1993 TN ₂₃	* 1993 10 09.19236	01 29 08.05	+07 08 36.4		809	1993 TT ₂₃	1993 10 09.20556	01 29 49.22	+05 07 15.6		809
1993 TN ₂₃	1993 10 09.20556	01 29 07.31	+07 08 31.9		809	1993 TT ₂₃	1993 10 09.21875	01 29 48.40	+05 07 15.5		809
1993 TN ₂₃	1993 10 09.21875	01 29 06.61	+07 08 25.3		809	1993 TT ₂₃	1993 10 11.15972	01 27 54.40	+05 05 47.2	18.3	809
1993 TN ₂₃	1993 10 11.15972	01 27 30.23	+06 56 16.3	18.5	809	1993 TT ₂₃	1993 10 11.17292	01 27 53.56	+05 05 46.4		809
1993 TN ₂₃	1993 10 11.17292	01 27 29.56	+06 56 11.1		809	1993 TT ₂₃	1993 10 11.18611	01 27 52.67	+05 05 47.1		809
1993 TN ₂₃	1993 10 11.18611	01 27 28.87	+06 56 06.6		809	1993 TT ₂₃	1993 10 20.20000	01 18 54.36	+05 01 18.4	18.4	809
1993 TN ₂₃	1993 10 20.20000	01 19 56.89	+06 00 33.8	18.5	809	1993 TT ₂₃	1993 10 20.21319	01 18 53.45	+05 01 17.6		809
1993 TN ₂₃	1993 10 20.21319	01 19 56.17	+06 00 29.4		809	1993 TT ₂₃	1993 10 20.22639	01 18 52.66	+05 01 18.3		809
1993 TN ₂₃	1993 10 20.22639	01 19 55.34	+06 00 23.3		809	1993 TU ₂₃	* 1993 10 09.19236	01 29 51.89	+06 08 55.6		809
1993 TO ₂₃	* 1993 10 09.19236	01 29 08.29	+05 42 47.4		809	1993 TU ₂₃	1993 10 09.20556	01 29 51.07	+06 08 56.4		809
1993 TO ₂₃	1993 10 09.20556	01 29 07.55	+05 42 45.5		809	1993 TU ₂₃	1993 10 09.21875	01 29 50.21	+06 08 57.6		809
1993 TO ₂₃	1993 10 09.21875	01 29 06.63	+05 42 41.2		809	1993 TU ₂₃	1993 10 11.15972	01 27 51.39	+06 10 27.9	18.3	809
1993 TO ₂₃	1993 10 11.15972	01 27 03.12	+05 34 20.1	18.5	809	1993 TU ₂₃	1993 10 11.17292	01 27 50.50	+06 10 29.2		809
1993 TO ₂₃	1993 10 11.17292	01 27 02.17	+05 34 14.6		809	1993 TU ₂₃	1993 10 11.18611	01 27 49.69	+06 10 29.0		809
1993 TO ₂₃	1993 10 11.18611	01 27 01.31	+05 34 10.9		809	1993 TU ₂₃	1993 10 20.20000	01 18 31.65	+06 18 03.4	18.3	809
1993 TO ₂₃	1993 10 20.20000	01 17 29.47	+04 57 09.5	18.6	809	1993 TU ₂₃	1993 10 20.21319	01 18 30.75	+06 18 03.7		809
1993 TO ₂₃	1993 10 20.21319	01 17 28.52	+04 57 07.0		809	1993 TU ₂₃	1993 10 20.22639	01 18 29.91	+06 18 04.5		809
1993 TO ₂₃	1993 10 20.22639	01 17 27.71	+04 57 04.9		809	1993 TV ₂₃	* 1993 10 09.19236	01 29 52.36	+06 18 49.3		809
1993 TP ₂₃	* 1993 10 09.19236	01 29 14.01	+04 15 53.6		809	1993 TV ₂₃	1993 10 09.20556	01 29 51.70	+06 18 44.5		809

1993 TV ₂₃	1993 10 09.21875	01 29 51.06	+06 18 39.9		809	1993 TB ₂₄	1993 10 11.15972	01 28 55.66	+02 37 42.5	18.5	809
1993 TV ₂₃	1993 10 11.15972	01 28 21.88	+06 06 31.0	18.3	809	1993 TB ₂₄	1993 10 11.17292	01 28 54.96	+02 37 36.9		809
1993 TV ₂₃	1993 10 11.17292	01 28 21.21	+06 06 26.3		809	1993 TB ₂₄	1993 10 11.18611	01 28 54.38	+02 37 30.7		809
1993 TV ₂₃	1993 10 11.18611	01 28 20.49	+06 06 20.7		809	1993 TC ₂₄	* 1993 10 09.19236	01 30 27.82	+07 07 30.3		809
1993 TV ₂₃	1993 10 20.20000	01 21 13.81	+05 10 50.6	18.3	809	1993 TC ₂₄	1993 10 09.20556	01 30 27.15	+07 07 25.1		809
1993 TV ₂₃	1993 10 20.21319	01 21 13.18	+05 10 46.8		809	1993 TC ₂₄	1993 10 09.21875	01 30 26.60	+07 07 21.4		809
1993 TV ₂₃	1993 10 20.22639	01 21 12.53	+05 10 41.3		809	1993 TC ₂₄	1993 10 11.15972	01 28 58.01	+06 57 48.9	18.6	809
1993 TW ₂₃	* 1993 10 09.19236	01 30 03.09	+06 30 34.2		809	1993 TC ₂₄	1993 10 11.17292	01 28 57.31	+06 57 44.1		809
1993 TW ₂₃	1993 10 09.20556	01 30 02.49	+06 30 32.1		809	1993 TC ₂₄	1993 10 11.18611	01 28 56.65	+06 57 40.8		809
1993 TW ₂₃	1993 10 09.21875	01 30 01.85	+06 30 29.4		809	1993 TD ₂₄	* 1993 10 09.19236	01 30 43.90	+06 59 37.3		809
1993 TW ₂₃	1993 10 11.15972	01 28 32.14	+06 22 24.0	18.4	809	1993 TD ₂₄	1993 10 09.20556	01 30 43.19	+06 59 36.8		809
1993 TW ₂₃	1993 10 11.17292	01 28 31.47	+06 22 20.1		809	1993 TD ₂₄	1993 10 09.21875	01 30 42.50	+06 59 35.1		809
1993 TW ₂₃	1993 10 11.18611	01 28 30.82	+06 22 17.0		809	1993 TD ₂₄	1993 10 11.15972	01 29 06.09	+06 55 56.3	18.7	809
1993 TW ₂₃	1993 10 20.20000	01 21 23.62	+05 44 46.5	18.3	809	1993 TD ₂₄	1993 10 11.17292	01 29 05.37	+06 55 54.2		809
1993 TW ₂₃	1993 10 20.21319	01 21 22.90	+05 44 43.7		809	1993 TD ₂₄	1993 10 11.18611	01 29 04.70	+06 55 51.5		809
1993 TW ₂₃	1993 10 20.22639	01 21 22.27	+05 44 39.5		809	1993 TD ₂₄	1993 10 20.20000	01 21 29.26	+06 39 03.2	18.5	809
1993 TX ₂₃	* 1993 10 09.19236	01 30 08.85	+02 57 16.9		809	1993 TD ₂₄	1993 10 20.21319	01 21 28.62	+06 39 02.1		809
1993 TX ₂₃	1993 10 09.20556	01 30 08.17	+02 57 12.4		809	1993 TD ₂₄	1993 10 20.22639	01 21 27.90	+06 39 00.1		809
1993 TX ₂₃	1993 10 09.21875	01 30 07.45	+02 57 08.5		809	1993 TE ₂₄	* 1993 10 09.19236	01 30 50.93	+05 18 02.9		809
1993 TX ₂₃	1993 10 11.15972	01 28 36.76	+02 48 32.8	18.7	809	1993 TE ₂₄	1993 10 09.20556	01 30 50.28	+05 17 59.5		809
1993 TX ₂₃	1993 10 11.17292	01 28 36.15	+02 48 28.8		809	1993 TE ₂₄	1993 10 09.21875	01 30 49.45	+05 17 55.4		809
1993 TX ₂₃	1993 10 11.18611	01 28 35.43	+02 48 25.1		809	1993 TE ₂₄	1993 10 11.15972	01 29 03.19	+05 07 09.2	18.2	809
1993 TX ₂₃	1993 10 20.20000	01 21 31.99	+02 10 58.0	18.4	809	1993 TE ₂₄	1993 10 11.17292	01 29 02.43	+05 07 04.7		809
1993 TX ₂₃	1993 10 20.21319	01 21 31.30	+02 10 54.0		809	1993 TE ₂₄	1993 10 11.18611	01 29 01.66	+05 06 59.5		809
1993 TX ₂₃	1993 10 20.22639	01 21 30.64	+02 10 49.6		809	1993 TF ₂₄	* 1993 10 09.19236	01 30 53.55	+05 20 04.6		809
1993 TY ₂₃	* 1993 10 09.19236	01 30 13.32	+06 23 24.4		809	1993 TF ₂₄	1993 10 09.20556	01 30 52.72	+05 19 58.8		809
1993 TY ₂₃	1993 10 09.20556	01 30 12.75	+06 23 17.5		809	1993 TF ₂₄	1993 10 09.21875	01 30 51.97	+05 19 53.6		809
1993 TY ₂₃	1993 10 09.21875	01 30 12.03	+06 23 10.5		809	1993 TF ₂₄	1993 10 11.15972	01 29 02.45	+05 07 46.0	18.5	809
1993 TY ₂₃	1993 10 11.15972	01 28 46.74	+06 06 35.7	18.3	809	1993 TF ₂₄	1993 10 11.17292	01 29 01.66	+05 07 42.3		809
1993 TY ₂₃	1993 10 11.17292	01 28 46.09	+06 06 28.2		809	1993 TF ₂₄	1993 10 11.18611	01 29 00.87	+05 07 37.8		809
1993 TY ₂₃	1993 10 11.18611	01 28 45.47	+06 06 21.8		809	1993 TG ₂₄	* 1993 10 09.19236	01 30 54.64	+07 06 02.9		809
1993 TY ₂₃	1993 10 20.20000	01 22 03.01	+04 51 26.4	18.3	809	1993 TG ₂₄	1993 10 09.20556	01 30 53.84	+07 05 58.9		809
1993 TY ₂₃	1993 10 20.21319	01 22 02.39	+04 51 20.4		809	1993 TG ₂₄	1993 10 09.21875	01 30 53.07	+07 05 55.4		809
1993 TY ₂₃	1993 10 20.22639	01 22 01.76	+04 51 14.1		809	1993 TG ₂₄	1993 10 11.15972	01 28 55.89	+06 57 02.5	18.4	809
1993 TZ ₂₃	* 1993 10 09.19236	01 30 15.66	+03 08 04.5		809	1993 TG ₂₄	1993 10 11.17292	01 28 55.04	+06 56 59.5		809
1993 TZ ₂₃	1993 10 09.20556	01 30 14.83	+03 08 01.3		809	1993 TG ₂₄	1993 10 11.18611	01 28 54.21	+06 56 57.2		809
1993 TZ ₂₃	1993 10 09.21875	01 30 13.96	+03 07 57.7		809	1993 TG ₂₄	1993 10 20.20000	01 19 39.32	+06 15 45.8	18.3	809
1993 TZ ₂₃	1993 10 11.15972	01 28 16.54	+03 00 02.4	18.0	809	1993 TG ₂₄	1993 10 20.21319	01 19 38.40	+06 15 42.3		809
1993 TZ ₂₃	1993 10 11.17292	01 28 15.76	+02 59 59.1		809	1993 TG ₂₄	1993 10 20.22639	01 19 37.63	+06 15 38.8		809
1993 TZ ₂₃	1993 10 11.18611	01 28 14.98	+02 59 55.4		809	1993 TH ₂₄	* 1993 10 09.19236	01 31 26.94	+05 49 26.3		809
1993 TA ₂₄	* 1993 10 09.19236	01 30 23.79	+05 35 47.5		809	1993 TH ₂₄	1993 10 09.20556	01 31 26.31	+05 49 23.8		809
1993 TA ₂₄	1993 10 09.20556	01 30 23.19	+05 35 45.2		809	1993 TH ₂₄	1993 10 09.21875	01 31 25.55	+05 49 20.8		809
1993 TA ₂₄	1993 10 09.21875	01 30 22.59	+05 35 41.4		809	1993 TH ₂₄	1993 10 11.15972	01 29 49.39	+05 41 32.4	18.4	809
1993 TA ₂₄	1993 10 11.15972	01 28 57.88	+05 27 21.5	18.3	809	1993 TH ₂₄	1993 10 11.17292	01 29 48.68	+05 41 29.2		809
1993 TA ₂₄	1993 10 11.17292	01 28 57.33	+05 27 18.3		809	1993 TH ₂₄	1993 10 11.18611	01 29 47.97	+05 41 26.7		809
1993 TA ₂₄	1993 10 11.18611	01 28 56.68	+05 27 14.6		809	1993 TH ₂₄	1993 10 20.20000	01 22 15.26	+05 06 02.3	18.3	809
1993 TA ₂₄	1993 10 20.20000	01 22 20.23	+04 49 25.5	18.3	809	1993 TH ₂₄	1993 10 20.21319	01 22 14.42	+05 05 59.4		809
1993 TA ₂₄	1993 10 20.21319	01 22 19.63	+04 49 22.4		809	1993 TH ₂₄	1993 10 20.22639	01 22 13.83	+05 05 56.7		809
1993 TA ₂₄	1993 10 20.22639	01 22 19.03	+04 49 19.1		809	1993 TJ ₂₄	* 1993 10 09.19236	01 31 29.58	+04 41 20.0		809
1993 TB ₂₄	* 1993 10 09.19236	01 30 26.38	+02 51 47.6	18.4	809	1993 TJ ₂₄	1993 10 09.20556	01 31 28.78	+04 41 15.6		809
1993 TB ₂₄	1993 10 09.20556	01 30 25.73	+02 51 41.5		809	1993 TJ ₂₄	1993 10 09.21875	01 31 28.02	+04 41 10.5		809
1993 TB ₂₄	1993 10 09.21875	01 30 25.08	+02 51 35.4		809	1993 TJ ₂₄	1993 10 11.15972	01 29 41.22	+04 29 09.4	18.0	809

1993 TJ ₂₄	1993 10 11.17292	01 29 40.41	+04 29 03.8		809	1993 TP ₂₄	1993 10 09.21875	01 32 22.93	+05 05 28.9		809
1993 TJ ₂₄	1993 10 11.18611	01 29 39.62	+04 28 59.9		809	1993 TP ₂₄	1993 10 11.15972	01 30 29.25	+04 50 16.3	18.0	809
1993 TJ ₂₄	1993 10 20.20000	01 21 11.40	+03 35 49.9	18.0	809	1993 TP ₂₄	1993 10 11.17292	01 30 28.47	+04 50 10.8		809
1993 TJ ₂₄	1993 10 20.21319	01 21 10.59	+03 35 46.1		809	1993 TP ₂₄	1993 10 11.18611	01 30 27.58	+04 50 04.1		809
1993 TJ ₂₄	1993 10 20.22639	01 21 09.82	+03 35 41.4		809	1993 TP ₂₄	1993 10 20.20000	01 21 36.09	+03 41 49.5	18.1	809
1993 TK ₂₄	* 1993 10 09.19236	01 31 33.35	+06 13 35.0		809	1993 TP ₂₄	1993 10 20.21319	01 21 35.31	+03 41 43.2		809
1993 TK ₂₄	1993 10 09.20556	01 31 32.53	+06 13 35.5		809	1993 TP ₂₄	1993 10 20.22639	01 21 34.47	+03 41 37.6		809
1993 TK ₂₄	1993 10 09.21875	01 31 31.68	+06 13 35.6		809	1993 TQ ₂₄	* 1993 10 09.19236	01 32 27.07	+05 54 54.5		809
1993 TK ₂₄	1993 10 11.15972	01 29 24.10	+06 14 44.7	18.3	809	1993 TQ ₂₄	1993 10 09.20556	01 32 26.15	+05 54 51.3		809
1993 TK ₂₄	1993 10 11.17292	01 29 23.13	+06 14 44.7		809	1993 TQ ₂₄	1993 10 09.21875	01 32 25.55	+05 54 49.6		809
1993 TK ₂₄	1993 10 11.18611	01 29 22.27	+06 14 44.6		809	1993 TQ ₂₄	1993 10 11.15972	01 30 35.57	+05 49 32.9	18.5	809
1993 TK ₂₄	1993 10 20.20000	01 19 29.10	+06 20 31.5	18.4	809	1993 TQ ₂₄	1993 10 11.17292	01 30 34.77	+05 49 30.4		809
1993 TK ₂₄	1993 10 20.21319	01 19 28.25	+06 20 32.2		809	1993 TQ ₂₄	1993 10 11.18611	01 30 33.96	+05 49 28.1		809
1993 TK ₂₄	1993 10 20.22639	01 19 27.34	+06 20 32.1		809	1993 TR ₂₄	* 1993 10 09.19236	01 32 29.27	+03 55 24.0		809
1993 TL ₂₄	* 1993 10 09.19236	01 31 50.77	+05 30 01.1		809	1993 TR ₂₄	1993 10 09.20556	01 32 28.50	+03 55 18.8		809
1993 TL ₂₄	1993 10 09.20556	01 31 50.04	+05 30 01.2		809	1993 TR ₂₄	1993 10 09.21875	01 32 27.75	+03 55 13.7		809
1993 TL ₂₄	1993 10 09.21875	01 31 49.25	+05 30 01.5		809	1993 TR ₂₄	1993 10 11.15972	01 30 44.28	+03 43 03.2	18.3	809
1993 TL ₂₄	1993 10 11.15972	01 30 00.27	+05 30 36.3	18.2	809	1993 TR ₂₄	1993 10 11.17292	01 30 43.58	+03 42 58.7		809
1993 TL ₂₄	1993 10 11.17292	01 29 59.43	+05 30 36.1		809	1993 TR ₂₄	1993 10 11.18611	01 30 42.86	+03 42 54.0		809
1993 TL ₂₄	1993 10 11.18611	01 29 58.66	+05 30 36.6		809	1993 TR ₂₄	1993 10 20.20000	01 22 38.84	+02 48 45.0	18.3	809
1993 TL ₂₄	1993 10 20.20000	01 21 22.94	+05 34 09.1	18.1	809	1993 TR ₂₄	1993 10 20.21319	01 22 38.08	+02 48 41.8		809
1993 TL ₂₄	1993 10 20.21319	01 21 22.18	+05 34 09.3		809	1993 TR ₂₄	1993 10 20.22639	01 22 37.34	+02 48 36.3		809
1993 TL ₂₄	1993 10 20.22639	01 21 21.38	+05 34 09.4		809	1993 TS ₂₄	* 1993 10 09.19236	01 32 40.15	+04 33 01.1		809
1993 TM ₂₄	* 1993 10 09.19236	01 31 54.59	+04 27 19.0		809	1993 TS ₂₄	1993 10 09.20556	01 32 39.52	+04 32 54.5		809
1993 TM ₂₄	1993 10 09.20556	01 31 53.90	+04 27 17.1		809	1993 TS ₂₄	1993 10 09.21875	01 32 38.91	+04 32 47.7		809
1993 TM ₂₄	1993 10 09.21875	01 31 53.18	+04 27 14.4		809	1993 TS ₂₄	1993 10 11.15972	01 31 16.79	+04 18 29.9	18.5	809
1993 TM ₂₄	1993 10 11.15972	01 30 16.50	+04 21 11.2	18.2	809	1993 TS ₂₄	1993 10 11.17292	01 31 16.18	+04 18 24.6		809
1993 TM ₂₄	1993 10 11.17292	01 30 15.83	+04 21 08.3		809	1993 TS ₂₄	1993 10 11.18611	01 31 15.51	+04 18 17.5		809
1993 TM ₂₄	1993 10 11.18611	01 30 15.13	+04 21 06.2		809	1993 TS ₂₄	1993 10 20.20000	01 24 48.99	+03 13 51.9	18.5	809
1993 TM ₂₄	1993 10 20.20000	01 22 34.13	+03 54 43.9	18.0	809	1993 TS ₂₄	1993 10 20.21319	01 24 48.38	+03 13 46.6		809
1993 TM ₂₄	1993 10 20.21319	01 22 33.43	+03 54 42.5		809	1993 TS ₂₄	1993 10 20.22639	01 24 47.79	+03 13 41.3		809
1993 TM ₂₄	1993 10 20.22639	01 22 32.79	+03 54 40.7		809	1993 TT ₂₄	* 1993 10 09.19236	01 32 41.46	+06 33 12.5	18.6	809
1993 TN ₂₄	* 1993 10 09.19236	01 32 11.15	+07 00 44.0		809	1993 TT ₂₄	1993 10 09.20556	01 32 40.57	+06 33 17.3		809
1993 TN ₂₄	1993 10 09.20556	01 32 10.63	+07 00 39.8		809	1993 TT ₂₄	1993 10 09.21875	01 32 39.65	+06 33 20.3		809
1993 TN ₂₄	1993 10 09.21875	01 32 10.04	+07 00 37.0		809	1993 TT ₂₄	1993 10 11.15972	01 30 33.24	+06 40 45.8	18.7	809
1993 TN ₂₄	1993 10 11.15972	01 30 47.56	+06 52 13.9	18.4	809	1993 TT ₂₄	1993 10 11.17292	01 30 32.33	+06 40 48.8		809
1993 TN ₂₄	1993 10 11.17292	01 30 46.93	+06 52 10.3		809	1993 TT ₂₄	1993 10 11.18611	01 30 31.50	+06 40 51.2		809
1993 TN ₂₄	1993 10 11.18611	01 30 46.33	+06 52 06.8		809	1993 TU ₂₄	* 1993 10 09.19236	01 32 50.47	+03 21 01.4		809
1993 TN ₂₄	1993 10 20.20000	01 24 18.09	+06 13 17.0	18.4	809	1993 TU ₂₄	1993 10 09.20556	01 32 49.57	+03 20 58.2		809
1993 TN ₂₄	1993 10 20.21319	01 24 17.58	+06 13 13.7		809	1993 TU ₂₄	1993 10 09.21875	01 32 48.90	+03 20 56.0		809
1993 TN ₂₄	1993 10 20.22639	01 24 16.98	+06 13 10.6		809	1993 TU ₂₄	1993 10 11.15972	01 30 59.74	+03 14 24.0	18.0	809
1993 TO ₂₄	* 1993 10 09.19236	01 32 17.54	+04 43 14.7		809	1993 TU ₂₄	1993 10 11.17292	01 30 58.98	+03 14 21.4		809
1993 TO ₂₄	1993 10 09.20556	01 32 16.82	+04 43 10.3		809	1993 TU ₂₄	1993 10 11.18611	01 30 58.15	+03 14 18.9		809
1993 TO ₂₄	1993 10 09.21875	01 32 16.15	+04 43 06.4		809	1993 TU ₂₄	1993 10 20.20000	01 22 25.00	+02 46 09.4	18.1	809
1993 TO ₂₄	1993 10 11.15972	01 30 37.96	+04 33 20.4	18.4	809	1993 TU ₂₄	1993 10 20.21319	01 22 24.15	+02 46 06.5		809
1993 TO ₂₄	1993 10 11.17292	01 30 37.24	+04 33 16.7		809	1993 TU ₂₄	1993 10 20.22639	01 22 23.38	+02 46 04.9		809
1993 TO ₂₄	1993 10 11.18611	01 30 36.52	+04 33 13.0		809	1993 TV ₂₄	* 1993 10 09.19236	01 32 54.37	+05 45 17.2		809
1993 TO ₂₄	1993 10 20.20000	01 22 51.53	+03 49 03.7	18.4	809	1993 TV ₂₄	1993 10 09.20556	01 32 53.72	+05 45 10.5		809
1993 TO ₂₄	1993 10 20.21319	01 22 50.79	+03 49 00.0		809	1993 TV ₂₄	1993 10 09.21875	01 32 53.00	+05 45 05.4		809
1993 TO ₂₄	1993 10 20.22639	01 22 50.00	+03 48 55.5		809	1993 TV ₂₄	1993 10 11.15972	01 31 20.21	+05 31 55.7	18.4	809
1993 TP ₂₄	* 1993 10 09.19236	01 32 24.46	+05 05 40.3		809	1993 TV ₂₄	1993 10 11.17292	01 31 19.49	+05 31 50.3		809
1993 TP ₂₄	1993 10 09.20556	01 32 23.71	+05 05 34.9		809	1993 TV ₂₄	1993 10 11.18611	01 31 18.78	+05 31 44.9		809

1993 TV ₂₄	1993 10 20.20000	01 24 01.67	+04 34 10.3	18.4	809	1993 TB ₂₅	1993 10 20.21319	01 25 25.76	+03 31 06.7	809
1993 TV ₂₄	1993 10 20.21319	01 24 00.98	+04 34 04.4		809	1993 TB ₂₅	1993 10 20.22639	01 25 25.14	+03 31 02.9	809
1993 TV ₂₄	1993 10 20.22639	01 24 00.22	+04 33 59.9		809	1993 TC ₂₅	* 1993 10 09.19236	01 33 47.96	+02 52 01.9	809
1993 TW ₂₄	* 1993 10 09.19236	01 33 14.89	+05 04 44.8		809	1993 TC ₂₅	1993 10 09.20556	01 33 47.18	+02 51 57.4	809
1993 TW ₂₄	1993 10 09.20556	01 33 14.24	+05 04 36.9		809	1993 TC ₂₅	1993 10 09.21875	01 33 46.39	+02 51 52.4	809
1993 TW ₂₄	1993 10 09.21875	01 33 13.85	+05 04 32.9		809	1993 TC ₂₅	1993 10 11.15972	01 32 04.22	+02 40 54.0	18.3 809
1993 TW ₂₄	1993 10 11.15972	01 31 54.49	+04 49 13.2	18.6	809	1993 TC ₂₅	1993 10 11.17292	01 32 03.48	+02 40 50.0	809
1993 TW ₂₄	1993 10 11.17292	01 31 53.89	+04 49 06.8		809	1993 TC ₂₅	1993 10 11.18611	01 32 02.78	+02 40 45.7	809
1993 TW ₂₄	1993 10 11.18611	01 31 53.29	+04 49 00.7		809	1993 TC ₂₅	1993 10 20.20000	01 23 49.78	+01 52 41.8	18.3 809
1993 TX ₂₄	* 1993 10 09.19236	01 33 18.94	+06 41 24.2		809	1993 TC ₂₅	1993 10 20.21319	01 23 48.99	+01 52 38.1	809
1993 TX ₂₄	1993 10 09.20556	01 33 18.32	+06 41 17.8		809	1993 TC ₂₅	1993 10 20.22639	01 23 48.18	+01 52 34.3	809
1993 TX ₂₄	1993 10 09.21875	01 33 17.73	+06 41 12.8		809	1993 TD ₂₅	* 1993 10 09.19236	01 33 48.71	+05 15 47.7	809
1993 TX ₂₄	1993 10 11.15972	01 31 54.05	+06 25 45.4	18.3	809	1993 TD ₂₅	1993 10 09.20556	01 33 47.84	+05 15 43.9	809
1993 TX ₂₄	1993 10 11.17292	01 31 53.48	+06 25 38.6		809	1993 TD ₂₅	1993 10 09.21875	01 33 47.07	+05 15 40.4	809
1993 TX ₂₄	1993 10 11.18611	01 31 52.81	+06 25 32.2		809	1993 TD ₂₅	1993 10 11.15972	01 31 57.92	+05 07 45.1	18.4 809
1993 TX ₂₄	1993 10 20.20000	01 25 15.21	+05 15 16.5	18.3	809	1993 TD ₂₅	1993 10 11.17292	01 31 57.11	+05 07 41.7	809
1993 TX ₂₄	1993 10 20.21319	01 25 14.59	+05 15 11.4		809	1993 TD ₂₅	1993 10 11.18611	01 31 56.35	+05 07 38.5	809
1993 TX ₂₄	1993 10 20.22639	01 25 13.98	+05 15 04.5		809	1993 TD ₂₅	1993 10 20.20000	01 23 25.95	+04 32 41.8	18.3 809
1993 TY ₂₄	* 1993 10 09.19236	01 33 18.95	+07 26 42.6		809	1993 TD ₂₅	1993 10 20.21319	01 23 25.16	+04 32 38.6	809
1993 TY ₂₄	1993 10 09.20556	01 33 18.15	+07 26 35.6		809	1993 TD ₂₅	1993 10 20.22639	01 23 24.38	+04 32 35.9	809
1993 TY ₂₄	1993 10 09.21875	01 33 17.38	+07 26 29.7		809	1993 TE ₂₅	* 1993 10 09.19236	01 33 50.93	+04 08 55.6	809
1993 TY ₂₄	1993 10 11.15972	01 31 33.72	+07 11 20.4	18.3	809	1993 TE ₂₅	1993 10 09.20556	01 33 50.31	+04 08 51.5	809
1993 TY ₂₄	1993 10 11.17292	01 31 32.95	+07 11 14.0		809	1993 TE ₂₅	1993 10 09.21875	01 33 49.65	+04 08 47.1	809
1993 TY ₂₄	1993 10 11.18611	01 31 32.22	+07 11 08.1		809	1993 TE ₂₅	1993 10 11.15972	01 32 23.61	+03 59 01.6	18.4 809
1993 TY ₂₄	1993 10 20.20000	01 23 15.68	+06 00 41.5	18.4	809	1993 TE ₂₅	1993 10 11.17292	01 32 22.97	+03 58 57.1	809
1993 TY ₂₄	1993 10 20.21319	01 23 14.99	+06 00 35.0		809	1993 TE ₂₅	1993 10 11.18611	01 32 22.22	+03 58 52.8	809
1993 TY ₂₄	1993 10 20.22639	01 23 14.08	+06 00 28.2		809	1993 TE ₂₅	1993 10 20.20000	01 25 34.87	+03 15 07.9	18.4 809
1993 TZ ₂₄	* 1993 10 09.19236	01 33 19.49	+03 09 56.3		809	1993 TE ₂₅	1993 10 20.21319	01 25 34.24	+03 15 04.0	809
1993 TZ ₂₄	1993 10 09.20556	01 33 18.57	+03 09 56.2		809	1993 TE ₂₅	1993 10 20.22639	01 25 33.57	+03 15 00.3	809
1993 TZ ₂₄	1993 10 09.21875	01 33 17.80	+03 09 56.0		809	1993 TF ₂₅	* 1993 10 09.19236	01 33 59.15	+05 21 50.2	809
1993 TZ ₂₄	1993 10 11.15972	01 31 26.66	+03 08 30.0	18.2	809	1993 TF ₂₅	1993 10 09.20556	01 33 58.23	+05 21 54.0	809
1993 TZ ₂₄	1993 10 11.17292	01 31 25.79	+03 08 29.5		809	1993 TF ₂₅	1993 10 09.21875	01 33 57.35	+05 21 58.1	809
1993 TZ ₂₄	1993 10 11.18611	01 31 25.05	+03 08 28.9		809	1993 TF ₂₅	1993 10 11.15972	01 31 46.70	+05 32 42.9	18.1 809
1993 TZ ₂₄	1993 10 20.20000	01 22 34.70	+03 04 37.5	18.2	809	1993 TF ₂₅	1993 10 11.17292	01 31 45.74	+05 32 46.6	809
1993 TZ ₂₄	1993 10 20.21319	01 22 33.91	+03 04 36.9		809	1993 TF ₂₅	1993 10 11.18611	01 31 44.80	+05 32 51.4	809
1993 TZ ₂₄	1993 10 20.22639	01 22 33.05	+03 04 36.9		809	1993 TG ₂₅	* 1993 10 09.19236	01 33 59.72	+05 53 15.9	809
1993 TA ₂₅	* 1993 10 09.19236	01 33 31.96	+04 23 26.4		809	1993 TG ₂₅	1993 10 09.20556	01 33 58.97	+05 53 13.6	809
1993 TA ₂₅	1993 10 09.20556	01 33 31.30	+04 23 20.2		809	1993 TG ₂₅	1993 10 09.21875	01 33 58.21	+05 53 12.3	809
1993 TA ₂₅	1993 10 09.21875	01 33 30.72	+04 23 15.7		809	1993 TG ₂₅	1993 10 11.15972	01 32 13.99	+05 47 57.1	18.4 809
1993 TA ₂₅	1993 10 11.15972	01 32 09.18	+04 10 45.8	18.6	809	1993 TG ₂₅	1993 10 11.17292	01 32 13.21	+05 47 53.9	809
1993 TA ₂₅	1993 10 11.17292	01 32 08.65	+04 10 41.1		809	1993 TG ₂₅	1993 10 11.18611	01 32 12.45	+05 47 52.2	809
1993 TA ₂₅	1993 10 11.18611	01 32 07.96	+04 10 36.1		809	1993 TH ₂₅	* 1993 10 09.19236	01 34 17.10	+04 59 51.4	809
1993 TA ₂₅	1993 10 20.20000	01 25 38.84	+03 14 06.0	18.5	809	1993 TH ₂₅	1993 10 09.20556	01 34 16.41	+04 59 47.3	809
1993 TA ₂₅	1993 10 20.21319	01 25 38.20	+03 14 01.7		809	1993 TH ₂₅	1993 10 09.21875	01 34 15.59	+04 59 42.4	809
1993 TA ₂₅	1993 10 20.22639	01 25 37.61	+03 13 56.7		809	1993 TH ₂₅	1993 10 11.15972	01 32 19.76	+04 49 14.7	18.3 809
1993 TB ₂₅	* 1993 10 09.19236	01 33 38.13	+04 17 42.6		809	1993 TH ₂₅	1993 10 11.17292	01 32 18.87	+04 49 10.1	809
1993 TB ₂₅	1993 10 09.20556	01 33 37.49	+04 17 38.9		809	1993 TH ₂₅	1993 10 11.18611	01 32 18.06	+04 49 05.3	809
1993 TB ₂₅	1993 10 09.21875	01 33 36.88	+04 17 35.6		809	1993 TJ ₂₅	* 1993 10 09.19236	01 34 34.72	+03 58 18.0	809
1993 TB ₂₅	1993 10 11.15972	01 32 11.18	+04 09 10.5	18.3	809	1993 TJ ₂₅	1993 10 09.20556	01 34 33.91	+03 58 18.3	809
1993 TB ₂₅	1993 10 11.17292	01 32 10.54	+04 09 06.9		809	1993 TJ ₂₅	1993 10 09.21875	01 34 33.19	+03 58 19.2	809
1993 TB ₂₅	1993 10 11.18611	01 32 09.93	+04 09 03.2		809	1993 TJ ₂₅	1993 10 11.15972	01 32 48.01	+03 57 48.6	18.3 809
1993 TB ₂₅	1993 10 20.20000	01 25 26.34	+03 31 09.3	18.3	809	1993 TJ ₂₅	1993 10 11.17292	01 32 47.25	+03 57 48.4	809

1993 TJ ₂₅	1993 10 11.18611	01 32 46.49	+03 57 47.9		809	1993 TP ₂₅	1993 10 11.15972	01 33 26.41	+05 14 48.1	18.3	809
1993 TJ ₂₅	1993 10 20.20000	01 24 28.58	+03 57 13.1	18.3	809	1993 TP ₂₅	1993 10 11.17292	01 33 25.64	+05 14 45.7		809
1993 TJ ₂₅	1993 10 20.21319	01 24 27.81	+03 57 13.9		809	1993 TP ₂₅	1993 10 11.18611	01 33 24.88	+05 14 43.5		809
1993 TJ ₂₅	1993 10 20.22639	01 24 27.07	+03 57 13.4		809	1993 TP ₂₅	1993 10 20.20000	01 25 16.37	+04 53 40.1	18.4	809
1993 TK ₂₅	* 1993 10 09.19236	01 34 41.17	+07 44 59.1		809	1993 TP ₂₅	1993 10 20.21319	01 25 15.63	+04 53 38.2		809
1993 TK ₂₅	1993 10 09.20556	01 34 40.53	+07 44 54.9		809	1993 TP ₂₅	1993 10 20.22639	01 25 14.96	+04 53 37.3		809
1993 TK ₂₅	1993 10 09.21875	01 34 39.92	+07 44 49.8		809	1993 TQ ₂₅	* 1993 10 09.19236	01 35 19.90	+07 45 42.6	19.0	809
1993 TK ₂₅	1993 10 11.15972	01 33 06.81	+07 33 05.5	18.6	809	1993 TQ ₂₅	1993 10 09.20556	01 35 19.11	+07 45 38.7		809
1993 TK ₂₅	1993 10 11.17292	01 33 06.15	+07 33 01.2		809	1993 TQ ₂₅	1993 10 09.21875	01 35 18.27	+07 45 34.8		809
1993 TK ₂₅	1993 10 11.18611	01 33 05.43	+07 32 55.5		809	1993 TQ ₂₅	1993 10 11.15972	01 33 32.29	+07 38 18.2	18.6	809
1993 TK ₂₅	1993 10 20.20000	01 25 46.85	+06 38 41.1	18.4	809	1993 TQ ₂₅	1993 10 11.17292	01 33 31.37	+07 38 15.7		809
1993 TK ₂₅	1993 10 20.21319	01 25 46.19	+06 38 36.9		809	1993 TQ ₂₅	1993 10 11.18611	01 33 30.69	+07 38 13.8		809
1993 TK ₂₅	1993 10 20.22639	01 25 45.54	+06 38 32.2		809	1993 TR ₂₅	* 1993 10 09.19236	01 35 31.20	+03 28 48.6		809
1993 TL ₂₅	* 1993 10 09.19236	01 34 51.38	+04 23 09.5		809	1993 TR ₂₅	1993 10 09.20556	01 35 30.40	+03 28 44.6		809
1993 TL ₂₅	1993 10 09.20556	01 34 50.63	+04 23 05.6		809	1993 TR ₂₅	1993 10 09.21875	01 35 29.64	+03 28 40.2		809
1993 TL ₂₅	1993 10 09.21875	01 34 49.87	+04 23 00.1		809	1993 TR ₂₅	1993 10 11.15972	01 33 42.69	+03 18 51.7	18.3	809
1993 TL ₂₅	1993 10 11.15972	01 33 06.90	+04 12 33.5	18.3	809	1993 TR ₂₅	1993 10 11.17292	01 33 41.88	+03 18 48.2		809
1993 TL ₂₅	1993 10 11.17292	01 33 06.16	+04 12 29.4		809	1993 TR ₂₅	1993 10 11.18611	01 33 41.07	+03 18 44.6		809
1993 TL ₂₅	1993 10 11.18611	01 33 05.43	+04 12 24.5		809	1993 TR ₂₅	1993 10 20.20000	01 25 05.58	+02 35 36.6	18.3	809
1993 TL ₂₅	1993 10 20.20000	01 25 00.24	+03 25 42.5	18.3	809	1993 TR ₂₅	1993 10 20.21319	01 25 04.70	+02 35 32.8		809
1993 TL ₂₅	1993 10 20.21319	01 24 59.54	+03 25 38.0		809	1993 TR ₂₅	1993 10 20.22639	01 25 03.91	+02 35 28.9		809
1993 TL ₂₅	1993 10 20.22639	01 24 58.78	+03 25 34.0		809	1993 TS ₂₅	* 1993 10 09.19236	01 35 46.87	+06 54 48.8		809
1993 TM ₂₅	* 1993 10 09.19236	01 34 51.96	+03 49 29.5		809	1993 TS ₂₅	1993 10 09.20556	01 35 46.13	+06 54 43.6		809
1993 TM ₂₅	1993 10 09.20556	01 34 51.27	+03 49 24.0		809	1993 TS ₂₅	1993 10 09.21875	01 35 45.51	+06 54 40.3		809
1993 TM ₂₅	1993 10 09.21875	01 34 50.60	+03 49 19.2		809	1993 TS ₂₅	1993 10 11.15972	01 34 13.22	+06 43 21.2	18.3	809
1993 TM ₂₅	1993 10 11.15972	01 33 16.44	+03 36 29.4	18.2	809	1993 TS ₂₅	1993 10 11.17292	01 34 12.59	+06 43 17.5		809
1993 TM ₂₅	1993 10 11.17292	01 33 15.70	+03 36 23.8		809	1993 TS ₂₅	1993 10 11.18611	01 34 11.85	+06 43 12.2		809
1993 TM ₂₅	1993 10 11.18611	01 33 15.00	+03 36 18.6		809	1993 TS ₂₅	1993 10 20.20000	01 26 44.65	+05 51 17.2	18.3	809
1993 TM ₂₅	1993 10 20.20000	01 25 35.27	+02 37 47.0	18.2	809	1993 TS ₂₅	1993 10 20.21319	01 26 43.98	+05 51 12.0		809
1993 TM ₂₅	1993 10 20.21319	01 25 34.57	+02 37 41.9		809	1993 TS ₂₅	1993 10 20.22639	01 26 43.25	+05 51 07.4		809
1993 TM ₂₅	1993 10 20.22639	01 25 33.79	+02 37 36.3		809	1993 TT ₂₅	* 1993 10 09.19236	01 35 46.93	+05 24 15.9		809
1993 TN ₂₅	* 1993 10 09.19236	01 35 03.92	+04 58 00.1		809	1993 TT ₂₅	1993 10 09.20556	01 35 46.05	+05 24 14.5		809
1993 TN ₂₅	1993 10 09.20556	01 35 03.26	+04 57 55.4		809	1993 TT ₂₅	1993 10 09.21875	01 35 45.17	+05 24 12.4		809
1993 TN ₂₅	1993 10 09.21875	01 35 02.54	+04 57 51.1		809	1993 TT ₂₅	1993 10 11.15972	01 33 43.93	+05 18 36.2	18.6	809
1993 TN ₂₅	1993 10 11.15972	01 33 26.68	+04 47 26.2	18.6	809	1993 TT ₂₅	1993 10 11.17292	01 33 43.12	+05 18 34.9		809
1993 TN ₂₅	1993 10 11.17292	01 33 25.95	+04 47 21.7		809	1993 TT ₂₅	1993 10 11.18611	01 33 42.27	+05 18 31.0		809
1993 TN ₂₅	1993 10 11.18611	01 33 25.22	+04 47 18.9		809	1993 TT ₂₅	1993 10 20.20000	01 24 04.67	+04 53 43.4	18.3	809
1993 TN ₂₅	1993 10 20.20000	01 25 47.31	+04 01 02.7	18.5	809	1993 TT ₂₅	1993 10 20.21319	01 24 03.76	+04 53 42.4		809
1993 TN ₂₅	1993 10 20.21319	01 25 46.60	+04 00 58.6		809	1993 TT ₂₅	1993 10 20.22639	01 24 02.86	+04 53 41.0		809
1993 TN ₂₅	1993 10 20.22639	01 25 45.90	+04 00 54.7		809	1993 TU ₂₅	* 1993 10 09.19236	01 35 52.72	+05 36 29.5		809
1993 TO ₂₅	* 1993 10 09.19236	01 35 07.79	+06 39 10.5		809	1993 TU ₂₅	1993 10 09.20556	01 35 52.00	+05 36 26.1		809
1993 TO ₂₅	1993 10 09.20556	01 35 06.99	+06 39 05.7		809	1993 TU ₂₅	1993 10 09.21875	01 35 51.28	+05 36 24.7		809
1993 TO ₂₅	1993 10 09.21875	01 35 06.23	+06 39 03.1		809	1993 TU ₂₅	1993 10 11.15972	01 34 09.30	+05 30 07.3	18.3	809
1993 TO ₂₅	1993 10 11.15972	01 33 17.65	+06 31 00.5	18.3	809	1993 TU ₂₅	1993 10 11.17292	01 34 08.50	+05 30 04.8		809
1993 TO ₂₅	1993 10 11.17292	01 33 16.82	+06 30 57.2		809	1993 TU ₂₅	1993 10 11.18611	01 34 07.78	+05 30 02.1		809
1993 TO ₂₅	1993 10 11.18611	01 33 16.06	+06 30 54.3		809	1993 TU ₂₅	1993 10 20.20000	01 26 02.91	+05 01 48.2	18.2	809
1993 TO ₂₅	1993 10 20.20000	01 24 46.66	+05 54 43.3	18.2	809	1993 TU ₂₅	1993 10 20.21319	01 26 02.19	+05 01 45.5		809
1993 TO ₂₅	1993 10 20.21319	01 24 45.90	+05 54 40.8		809	1993 TU ₂₅	1993 10 20.22639	01 26 01.43	+05 01 43.2		809
1993 TO ₂₅	1993 10 20.22639	01 24 45.14	+05 54 37.8		809	1993 TV ₂₅	* 1993 10 09.19236	01 36 01.00	+06 12 07.4		809
1993 TP ₂₅	* 1993 10 09.19236	01 35 11.13	+05 19 40.9		809	1993 TV ₂₅	1993 10 09.20556	01 36 00.26	+06 12 04.6		809
1993 TP ₂₅	1993 10 09.20556	01 35 10.39	+05 19 38.8		809	1993 TV ₂₅	1993 10 09.21875	01 35 59.46	+06 12 02.0		809
1993 TP ₂₅	1993 10 09.21875	01 35 09.56	+05 19 36.8		809	1993 TV ₂₅	1993 10 11.15972	01 34 17.09	+06 04 18.0	18.3	809

1993 TV ₂₅	1993 10 11.17292	01 34 16.30	+06 04 15.4		809	1993 TC ₂₆	1993 10 09.21875	01 36 40.43	+03 35 18.6		809
1993 TV ₂₅	1993 10 11.18611	01 34 15.47	+06 04 11.3		809	1993 TC ₂₆	1993 10 11.15972	01 34 56.23	+03 27 04.8	18.5	809
1993 TV ₂₅	1993 10 20.20000	01 26 00.53	+05 29 17.5	18.2	809	1993 TC ₂₆	1993 10 11.17292	01 34 55.46	+03 27 00.9		809
1993 TV ₂₅	1993 10 20.21319	01 25 59.79	+05 29 14.7		809	1993 TC ₂₆	1993 10 11.18611	01 34 54.65	+03 26 57.6		809
1993 TV ₂₅	1993 10 20.22639	01 25 58.97	+05 29 11.7		809	1993 TC ₂₆	1993 10 20.20000	01 26 25.11	+02 51 14.5	18.6	809
1993 TW ₂₅	* 1993 10 09.19236	01 36 03.59	+03 13 32.6		809	1993 TC ₂₆	1993 10 20.21319	01 26 24.32	+02 51 11.1		809
1993 TW ₂₅	1993 10 09.20556	01 36 02.98	+03 13 23.5		809	1993 TC ₂₆	1993 10 20.22639	01 26 23.51	+02 51 08.8		809
1993 TW ₂₅	1993 10 09.21875	01 36 02.54	+03 13 17.4		809	1993 TD ₂₆	* 1993 10 09.19236	01 36 43.97	+06 28 04.0		809
1993 TW ₂₅	1993 10 11.15972	01 34 45.74	+02 56 38.3	18.7	809	1993 TD ₂₆	1993 10 09.20556	01 36 43.37	+06 27 53.8		809
1993 TW ₂₅	1993 10 11.17292	01 34 45.23	+02 56 32.1		809	1993 TD ₂₆	1993 10 09.21875	01 36 42.81	+06 27 44.3		809
1993 TW ₂₅	1993 10 11.18611	01 34 44.63	+02 56 24.0		809	1993 TD ₂₆	1993 10 11.15972	01 35 15.33	+06 03 06.5	18.5	809
1993 TX ₂₅	* 1993 10 09.19236	01 36 15.63	+04 21 35.9		809	1993 TD ₂₆	1993 10 11.17292	01 35 14.73	+06 02 56.2		809
1993 TX ₂₅	1993 10 09.20556	01 36 14.85	+04 21 27.7		809	1993 TD ₂₆	1993 10 11.18611	01 35 14.07	+06 02 45.9		809
1993 TX ₂₅	1993 10 09.21875	01 36 14.10	+04 21 20.9		809	1993 TD ₂₆	1993 10 20.20000	01 28 18.72	+04 10 22.1	18.5	809
1993 TX ₂₅	1993 10 11.15972	01 34 35.01	+04 02 44.0	18.3	809	1993 TD ₂₆	1993 10 20.21319	01 28 18.09	+04 10 12.6		809
1993 TX ₂₅	1993 10 11.17292	01 34 34.22	+04 02 36.2		809	1993 TD ₂₆	1993 10 20.22639	01 28 17.41	+04 10 02.3		809
1993 TX ₂₅	1993 10 11.18611	01 34 33.41	+04 02 28.5		809	1993 TE ₂₆	* 1993 10 09.19236	01 36 44.11	+07 35 06.7		809
1993 TX ₂₅	1993 10 20.20000	01 26 33.56	+02 37 59.8	18.3	809	1993 TE ₂₆	1993 10 09.20556	01 36 43.43	+07 34 59.5		809
1993 TX ₂₅	1993 10 20.21319	01 26 32.81	+02 37 52.8		809	1993 TE ₂₆	1993 10 11.15972	01 35 02.88	+07 17 15.3	18.0	809
1993 TX ₂₅	1993 10 20.22639	01 26 31.95	+02 37 45.0		809	1993 TE ₂₆	1993 10 11.17292	01 35 02.21	+07 17 08.8		809
1993 TY ₂₅	* 1993 10 09.19236	01 36 23.45	+04 22 26.5		809	1993 TE ₂₆	1993 10 11.18611	01 35 01.43	+07 17 01.1		809
1993 TY ₂₅	1993 10 09.20556	01 36 22.67	+04 22 22.8		809	1993 TF ₂₆	* 1993 10 09.19236	01 36 51.54	+03 36 55.7	18.4	809
1993 TY ₂₅	1993 10 09.21875	01 36 21.76	+04 22 19.4		809	1993 TF ₂₆	1993 10 09.20556	01 36 50.87	+03 36 52.0		809
1993 TY ₂₅	1993 10 11.15972	01 34 24.94	+04 14 29.4	18.3	809	1993 TF ₂₆	1993 10 09.21875	01 36 50.08	+03 36 46.7		809
1993 TY ₂₅	1993 10 11.17292	01 34 24.02	+04 14 25.3		809	1993 TF ₂₆	1993 10 11.15972	01 35 19.86	+03 26 13.0	18.4	809
1993 TY ₂₅	1993 10 11.18611	01 34 23.19	+04 14 22.0		809	1993 TF ₂₆	1993 10 11.17292	01 35 19.12	+03 26 07.7		809
1993 TZ ₂₅	* 1993 10 09.19236	01 36 24.10	+06 51 45.1	18.4	809	1993 TF ₂₆	1993 10 11.18611	01 35 18.45	+03 26 02.8		809
1993 TZ ₂₅	1993 10 09.20556	01 36 23.11	+06 51 44.3		809	1993 TF ₂₆	1993 10 20.20000	01 28 02.38	+02 38 57.1	18.4	809
1993 TZ ₂₅	1993 10 09.21875	01 36 22.09	+06 51 42.6		809	1993 TF ₂₆	1993 10 20.21319	01 28 01.66	+02 38 52.9		809
1993 TZ ₂₅	1993 10 11.15972	01 34 05.27	+06 50 21.1	18.4	809	1993 TF ₂₆	1993 10 20.22639	01 28 00.91	+02 38 49.8		809
1993 TZ ₂₅	1993 10 11.17292	01 34 04.28	+06 50 19.1		809	1993 TG ₂₆	* 1993 10 09.19236	01 36 52.91	+05 43 02.8		809
1993 TZ ₂₅	1993 10 11.18611	01 34 03.32	+06 50 19.4		809	1993 TG ₂₆	1993 10 09.20556	01 36 52.23	+05 43 01.5		809
1993 TA ₂₆	* 1993 10 09.19236	01 36 24.44	+07 28 47.9		809	1993 TG ₂₆	1993 10 09.21875	01 36 51.52	+05 42 59.6		809
1993 TA ₂₆	1993 10 09.20556	01 36 23.72	+07 28 44.8		809	1993 TG ₂₆	1993 10 11.15972	01 35 12.25	+05 39 06.5	18.1	809
1993 TA ₂₆	1993 10 09.21875	01 36 22.90	+07 28 42.0		809	1993 TG ₂₆	1993 10 11.17292	01 35 11.52	+05 39 05.5		809
1993 TA ₂₆	1993 10 11.15972	01 34 42.35	+07 22 29.1	18.5	809	1993 TG ₂₆	1993 10 11.18611	01 35 10.76	+05 39 03.7		809
1993 TA ₂₆	1993 10 11.17292	01 34 41.54	+07 22 26.4		809	1993 TG ₂₆	1993 10 20.20000	01 27 18.12	+05 21 41.1	18.1	809
1993 TA ₂₆	1993 10 11.18611	01 34 40.84	+07 22 24.0		809	1993 TG ₂₆	1993 10 20.21319	01 27 17.43	+05 21 40.0		809
1993 TA ₂₆	1993 10 20.20000	01 26 35.12	+06 53 28.1	18.5	809	1993 TG ₂₆	1993 10 20.22639	01 27 16.69	+05 21 38.5		809
1993 TA ₂₆	1993 10 20.21319	01 26 34.27	+06 53 24.2		809	1993 TH ₂₆	* 1993 10 09.19236	01 36 53.97	+07 42 09.1		809
1993 TA ₂₆	1993 10 20.22639	01 26 33.49	+06 53 22.4		809	1993 TH ₂₆	1993 10 09.20556	01 36 53.35	+07 42 01.7		809
1993 TB ₂₆	* 1993 10 09.19236	01 36 36.10	+05 01 36.8		809	1993 TH ₂₆	1993 10 09.21875	01 36 52.77	+07 41 55.7		809
1993 TB ₂₆	1993 10 09.20556	01 36 35.50	+05 01 33.4		809	1993 TH ₂₆	1993 10 11.15972	01 35 29.74	+07 26 56.8	18.2	809
1993 TB ₂₆	1993 10 09.21875	01 36 34.83	+05 01 30.5		809	1993 TH ₂₆	1993 10 11.17292	01 35 29.11	+07 26 51.1		809
1993 TB ₂₆	1993 10 11.15972	01 35 03.32	+04 53 48.5	18.3	809	1993 TH ₂₆	1993 10 11.18611	01 35 28.54	+07 26 45.0		809
1993 TB ₂₆	1993 10 11.17292	01 35 02.58	+04 53 44.8		809	1993 TH ₂₆	1993 10 20.20000	01 28 53.58	+06 17 12.0	18.3	809
1993 TB ₂₆	1993 10 11.18611	01 35 01.89	+04 53 41.6		809	1993 TH ₂₆	1993 10 20.21319	01 28 52.93	+06 17 05.5		809
1993 TB ₂₆	1993 10 20.20000	01 27 41.29	+04 19 02.9	18.4	809	1993 TH ₂₆	1993 10 20.22639	01 28 52.32	+06 16 58.6		809
1993 TB ₂₆	1993 10 20.21319	01 27 40.55	+04 18 59.7		809	1993 TJ ₂₆	* 1993 10 09.19236	01 36 54.14	+04 12 38.4		809
1993 TB ₂₆	1993 10 20.22639	01 27 39.79	+04 18 56.3		809	1993 TJ ₂₆	1993 10 09.20556	01 36 53.47	+04 12 35.0		809
1993 TC ₂₆	* 1993 10 09.19236	01 36 42.02	+03 35 25.2		809	1993 TJ ₂₆	1993 10 09.21875	01 36 52.73	+04 12 31.9		809
1993 TC ₂₆	1993 10 09.20556	01 36 41.28	+03 35 22.2		809	1993 TJ ₂₆	1993 10 11.15972	01 35 12.03	+04 04 53.7	18.2	809

1993 TJ ₂₆	1993 10 11.17292	01 35 11.22	+04 04 50.3		809	1993 TP ₂₆	1993 10 20.22639	01 29 24.32	+04 24 51.0		809
1993 TJ ₂₆	1993 10 11.18611	01 35 10.55	+04 04 47.5		809	1993 TQ ₂₆	* 1993 10 09.19236	01 37 25.69	+05 42 05.4		809
1993 TJ ₂₆	1993 10 20.20000	01 27 12.56	+03 31 03.0	18.1	809	1993 TQ ₂₆	1993 10 09.20556	01 37 24.97	+05 42 03.1		809
1993 TJ ₂₆	1993 10 20.21319	01 27 11.82	+03 30 59.7		809	1993 TQ ₂₆	1993 10 09.21875	01 37 24.25	+05 42 00.2		809
1993 TJ ₂₆	1993 10 20.22639	01 27 11.04	+03 30 56.6		809	1993 TQ ₂₆	1993 10 11.15972	01 35 45.28	+05 35 38.0	18.3	809
1993 TK ₂₆	* 1993 10 09.19236	01 37 00.67	+06 31 22.9		809	1993 TQ ₂₆	1993 10 11.17292	01 35 44.57	+05 35 35.3		809
1993 TK ₂₆	1993 10 09.20556	01 36 59.77	+06 31 24.8		809	1993 TQ ₂₆	1993 10 11.18611	01 35 43.83	+05 35 32.8		809
1993 TK ₂₆	1993 10 09.21875	01 36 58.99	+06 31 26.4		809	1993 TQ ₂₆	1993 10 20.20000	01 27 56.41	+05 06 38.0	18.3	809
1993 TK ₂₆	1993 10 11.15972	01 34 59.89	+06 35 54.6	18.4	809	1993 TQ ₂₆	1993 10 20.21319	01 27 55.70	+05 06 34.9		809
1993 TK ₂₆	1993 10 11.17292	01 34 58.95	+06 35 56.0		809	1993 TQ ₂₆	1993 10 20.22639	01 27 55.00	+05 06 32.8		809
1993 TK ₂₆	1993 10 11.18611	01 34 58.18	+06 35 58.0		809	1993 TR ₂₆	* 1993 10 09.19236	01 37 40.99	+05 19 37.2		809
1993 TL ₂₆	* 1993 10 09.19236	01 37 08.92	+03 17 16.7		809	1993 TR ₂₆	1993 10 09.20556	01 37 40.25	+05 19 35.8		809
1993 TL ₂₆	1993 10 09.20556	01 37 08.16	+03 17 08.2		809	1993 TR ₂₆	1993 10 09.21875	01 37 39.54	+05 19 35.2		809
1993 TL ₂₆	1993 10 09.21875	01 37 07.53	+03 17 02.3		809	1993 TR ₂₆	1993 10 11.15972	01 36 03.15	+05 16 36.0	18.5	809
1993 TL ₂₆	1993 10 11.15972	01 35 33.65	+03 00 01.2	18.6	809	1993 TR ₂₆	1993 10 11.17292	01 36 02.50	+05 16 34.2		809
1993 TL ₂₆	1993 10 11.17292	01 35 32.72	+02 59 52.7		809	1993 TR ₂₆	1993 10 11.18611	01 36 01.76	+05 16 33.4		809
1993 TL ₂₆	1993 10 11.18611	01 35 32.02	+02 59 45.8		809	1993 TR ₂₆	1993 10 20.20000	01 28 24.82	+05 04 16.3	18.5	809
1993 TM ₂₆	* 1993 10 09.19236	01 37 09.28	+04 19 26.7	18.4	809	1993 TR ₂₆	1993 10 20.21319	01 28 24.17	+05 04 15.7		809
1993 TM ₂₆	1993 10 09.20556	01 37 08.52	+04 19 19.9		809	1993 TR ₂₆	1993 10 20.22639	01 28 23.45	+05 04 14.6		809
1993 TM ₂₆	1993 10 09.21875	01 37 07.84	+04 19 12.9		809	1993 TS ₂₆	* 1993 10 09.19236	01 37 45.27	+06 08 03.0		809
1993 TM ₂₆	1993 10 11.15972	01 35 37.44	+04 03 49.4	18.3	809	1993 TS ₂₆	1993 10 09.20556	01 37 44.55	+06 07 59.7		809
1993 TM ₂₆	1993 10 11.17292	01 35 36.74	+04 03 42.4		809	1993 TS ₂₆	1993 10 09.21875	01 37 43.81	+06 07 54.1		809
1993 TM ₂₆	1993 10 11.18611	01 35 36.14	+04 03 36.2		809	1993 TS ₂₆	1993 10 11.15972	01 35 58.23	+05 55 56.7	18.5	809
1993 TM ₂₆	1993 10 20.20000	01 28 24.18	+02 53 27.4	18.3	809	1993 TS ₂₆	1993 10 11.17292	01 35 57.41	+05 55 50.9		809
1993 TM ₂₆	1993 10 20.21319	01 28 23.53	+02 53 20.6		809	1993 TS ₂₆	1993 10 11.18611	01 35 56.64	+05 55 45.7		809
1993 TM ₂₆	1993 10 20.22639	01 28 22.83	+02 53 15.3		809	1993 TS ₂₆	1993 10 20.20000	01 27 35.54	+05 00 52.5	18.4	809
1993 TN ₂₆	* 1993 10 09.19236	01 37 14.49	+03 00 05.4		809	1993 TS ₂₆	1993 10 20.21319	01 27 34.70	+05 00 47.9		809
1993 TN ₂₆	1993 10 09.20556	01 37 13.81	+03 00 06.0		809	1993 TS ₂₆	1993 10 20.22639	01 27 33.89	+05 00 42.2		809
1993 TN ₂₆	1993 10 09.21875	01 37 13.07	+03 00 07.5		809	1993 TT ₂₆	* 1993 10 09.19236	01 37 47.43	+07 39 11.9		809
1993 TN ₂₆	1993 10 11.15972	01 35 29.05	+03 02 26.0	18.2	809	1993 TT ₂₆	1993 10 09.20556	01 37 46.66	+07 39 06.3		809
1993 TN ₂₆	1993 10 11.17292	01 35 28.22	+03 02 27.3		809	1993 TT ₂₆	1993 10 09.21875	01 37 45.90	+07 39 01.3		809
1993 TN ₂₆	1993 10 11.18611	01 35 27.46	+03 02 27.8		809	1993 TT ₂₆	1993 10 11.15972	01 35 58.43	+07 26 09.2	18.1	809
1993 TN ₂₆	1993 10 20.20000	01 27 04.79	+03 17 34.3	18.2	809	1993 TT ₂₆	1993 10 11.17292	01 35 57.62	+07 26 03.4		809
1993 TN ₂₆	1993 10 20.21319	01 27 03.96	+03 17 36.0		809	1993 TT ₂₆	1993 10 11.18611	01 35 56.86	+07 25 58.5		809
1993 TN ₂₆	1993 10 20.22639	01 27 03.16	+03 17 38.0		809	1993 TT ₂₆	1993 10 20.20000	01 27 32.80	+06 27 16.1	18.3	809
1993 TO ₂₆	* 1993 10 09.19236	01 37 19.81	+06 14 25.9		809	1993 TT ₂₆	1993 10 20.21319	01 27 32.07	+06 27 11.2		809
1993 TO ₂₆	1993 10 09.20556	01 37 19.28	+06 14 13.3		809	1993 TT ₂₆	1993 10 20.22639	01 27 31.30	+06 27 06.3		809
1993 TO ₂₆	1993 10 09.21875	01 37 18.77	+06 14 04.0		809	1993 TU ₂₆	* 1993 10 09.19236	01 37 47.51	+03 51 34.2		809
1993 TO ₂₆	1993 10 11.15972	01 36 12.12	+05 47 30.1	18.5	809	1993 TU ₂₆	1993 10 09.20556	01 37 46.82	+03 51 30.4		809
1993 TO ₂₆	1993 10 11.17292	01 36 11.54	+05 47 17.9		809	1993 TU ₂₆	1993 10 09.21875	01 37 46.12	+03 51 26.4		809
1993 TO ₂₆	1993 10 11.18611	01 36 11.03	+05 47 05.5		809	1993 TU ₂₆	1993 10 11.15972	01 36 08.47	+03 41 28.8	18.5	809
1993 TO ₂₆	1993 10 20.20000	01 30 45.67	+03 44 08.4	18.5	809	1993 TU ₂₆	1993 10 11.17292	01 36 07.91	+03 41 25.9		809
1993 TO ₂₆	1993 10 20.21319	01 30 45.18	+03 43 59.1		809	1993 TU ₂₆	1993 10 11.18611	01 36 07.05	+03 41 21.0		809
1993 TO ₂₆	1993 10 20.22639	01 30 44.57	+03 43 47.7		809	1993 TU ₂₆	1993 10 20.20000	01 28 15.11	+02 57 02.8	18.3	809
1993 TP ₂₆	* 1993 10 09.19236	01 37 25.48	+05 13 46.5		809	1993 TU ₂₆	1993 10 20.21319	01 28 14.42	+02 57 00.2		809
1993 TP ₂₆	1993 10 09.20556	01 37 24.91	+05 13 43.2		809	1993 TU ₂₆	1993 10 20.22639	01 28 13.61	+02 56 56.0		809
1993 TP ₂₆	1993 10 09.21875	01 37 24.31	+05 13 39.1		809	1993 TV ₂₆	* 1993 10 09.19236	01 38 02.77	+04 18 54.7		809
1993 TP ₂₆	1993 10 11.15972	01 36 01.17	+05 04 55.1	18.4	809	1993 TV ₂₆	1993 10 09.20556	01 38 02.12	+04 18 47.0		809
1993 TP ₂₆	1993 10 11.17292	01 36 00.52	+05 04 50.9		809	1993 TV ₂₆	1993 10 09.21875	01 38 01.46	+04 18 40.1		809
1993 TP ₂₆	1993 10 11.18611	01 35 59.91	+05 04 47.6		809	1993 TV ₂₆	1993 10 11.15972	01 36 31.60	+04 00 02.9	18.1	809
1993 TP ₂₆	1993 10 20.20000	01 29 25.49	+04 24 56.9	18.3	809	1993 TV ₂₆	1993 10 11.17292	01 36 30.93	+03 59 54.9		809
1993 TP ₂₆	1993 10 20.21319	01 29 24.88	+04 24 54.0		809	1993 TV ₂₆	1993 10 11.18611	01 36 30.22	+03 59 47.3		809

1993 TV ₂₆	1993 10 20.20000	01 29 19.08	+02 35 11.8	18.2	809	1993 TB ₂₇	1993 10 20.21319	01 28 28.04	+05 08 46.9	809
1993 TV ₂₆	1993 10 20.21319	01 29 18.32	+02 35 04.9		809	1993 TB ₂₇	1993 10 20.22639	01 28 27.27	+05 08 46.2	809
1993 TV ₂₆	1993 10 20.22639	01 29 17.62	+02 34 58.3		809	1993 TC ₂₇	* 1993 10 09.19236	01 38 33.42	+06 51 43.9	809
1993 TW ₂₆	* 1993 10 09.19236	01 38 09.19	+06 55 19.8		809	1993 TC ₂₇	1993 10 09.20556	01 38 32.68	+06 51 43.9	809
1993 TW ₂₆	1993 10 09.20556	01 38 08.51	+06 55 14.9		809	1993 TC ₂₇	1993 10 09.21875	01 38 31.92	+06 51 43.1	809
1993 TW ₂₆	1993 10 09.21875	01 38 07.66	+06 55 08.1		809	1993 TC ₂₇	1993 10 11.15972	01 36 50.52	+06 50 49.9	18.1 809
1993 TW ₂₆	1993 10 11.15972	01 36 18.89	+06 40 56.5	18.4	809	1993 TC ₂₇	1993 10 11.17292	01 36 49.74	+06 50 48.2	809
1993 TW ₂₆	1993 10 11.17292	01 36 18.13	+06 40 51.3		809	1993 TC ₂₇	1993 10 11.18611	01 36 49.00	+06 50 49.3	809
1993 TW ₂₆	1993 10 11.18611	01 36 17.29	+06 40 45.1		809	1993 TC ₂₇	1993 10 20.20000	01 28 39.01	+06 47 13.3	18.2 809
1993 TW ₂₆	1993 10 20.20000	01 27 43.22	+05 35 33.2	18.3	809	1993 TC ₂₇	1993 10 20.21319	01 28 38.23	+06 47 14.0	809
1993 TW ₂₆	1993 10 20.21319	01 27 42.41	+05 35 27.5		809	1993 TC ₂₇	1993 10 20.22639	01 28 37.45	+06 47 13.5	809
1993 TW ₂₆	1993 10 20.22639	01 27 41.63	+05 35 21.3		809	1993 TD ₂₇	* 1993 10 09.19236	01 38 44.82	+06 27 13.3	809
1993 TX ₂₆	* 1993 10 09.19236	01 38 11.29	+05 17 47.4		809	1993 TD ₂₇	1993 10 09.20556	01 38 44.03	+06 27 11.1	809
1993 TX ₂₆	1993 10 09.20556	01 38 10.76	+05 17 40.4		809	1993 TD ₂₇	1993 10 09.21875	01 38 43.20	+06 27 08.5	809
1993 TX ₂₆	1993 10 09.21875	01 38 10.16	+05 17 34.9		809	1993 TD ₂₇	1993 10 11.15972	01 36 51.35	+06 20 34.1	18.2 809
1993 TX ₂₆	1993 10 11.15972	01 36 48.87	+05 02 21.8	18.1	809	1993 TD ₂₇	1993 10 11.17292	01 36 50.50	+06 20 31.5	809
1993 TX ₂₆	1993 10 11.17292	01 36 48.23	+05 02 15.6		809	1993 TD ₂₇	1993 10 11.18611	01 36 49.69	+06 20 29.4	809
1993 TX ₂₆	1993 10 11.18611	01 36 47.65	+05 02 09.3		809	1993 TD ₂₇	1993 10 20.20000	01 28 02.65	+05 51 32.3	18.1 809
1993 TX ₂₆	1993 10 20.20000	01 30 20.85	+03 53 03.1	18.1	809	1993 TD ₂₇	1993 10 20.21319	01 28 01.82	+05 51 29.9	809
1993 TX ₂₆	1993 10 20.21319	01 30 20.22	+03 52 55.9		809	1993 TD ₂₇	1993 10 20.22639	01 28 00.99	+05 51 28.0	809
1993 TX ₂₆	1993 10 20.22639	01 30 19.55	+03 52 50.5		809	1993 TE ₂₇	* 1993 10 09.19236	01 38 48.53	+05 50 47.7	809
1993 TY ₂₆	* 1993 10 09.19236	01 38 23.55	+03 44 43.4		809	1993 TE ₂₇	1993 10 09.20556	01 38 47.70	+05 50 46.6	809
1993 TY ₂₆	1993 10 09.20556	01 38 22.63	+03 44 39.0		809	1993 TE ₂₇	1993 10 09.21875	01 38 46.98	+05 50 43.9	809
1993 TY ₂₆	1993 10 09.21875	01 38 21.79	+03 44 35.2		809	1993 TE ₂₇	1993 10 11.15972	01 36 59.03	+05 44 47.8	18.5 809
1993 TY ₂₆	1993 10 11.15972	01 36 27.42	+03 36 06.0	18.3	809	1993 TE ₂₇	1993 10 11.17292	01 36 58.24	+05 44 45.7	809
1993 TY ₂₆	1993 10 11.17292	01 36 26.70	+03 36 02.9		809	1993 TE ₂₇	1993 10 11.18611	01 36 57.44	+05 44 43.4	809
1993 TY ₂₆	1993 10 11.18611	01 36 25.77	+03 35 59.6		809	1993 TE ₂₇	1993 10 20.20000	01 28 28.34	+05 18 16.9	18.4 809
1993 TY ₂₆	1993 10 20.20000	01 27 31.00	+02 59 55.0	18.4	809	1993 TE ₂₇	1993 10 20.21319	01 28 27.56	+05 18 14.3	809
1993 TY ₂₆	1993 10 20.21319	01 27 30.19	+02 59 52.1		809	1993 TE ₂₇	1993 10 20.22639	01 28 26.75	+05 18 12.6	809
1993 TY ₂₆	1993 10 20.22639	01 27 29.29	+02 59 48.4		809	1993 TF ₂₇	* 1993 10 09.19236	01 38 48.95	+03 38 22.7	809
1993 TZ ₂₆	* 1993 10 09.19236	01 38 24.90	+06 07 09.6		809	1993 TF ₂₇	1993 10 09.20556	01 38 48.14	+03 38 18.7	809
1993 TZ ₂₆	1993 10 09.20556	01 38 24.09	+06 07 03.8		809	1993 TF ₂₇	1993 10 09.21875	01 38 47.37	+03 38 16.1	809
1993 TZ ₂₆	1993 10 09.21875	01 38 23.35	+06 06 58.5		809	1993 TF ₂₇	1993 10 11.15972	01 36 59.41	+03 30 01.1	18.2 809
1993 TZ ₂₆	1993 10 11.15972	01 36 45.42	+05 54 25.5	18.6	809	1993 TF ₂₇	1993 10 11.17292	01 36 58.61	+03 29 59.1	809
1993 TZ ₂₆	1993 10 11.17292	01 36 44.84	+05 54 18.7		809	1993 TF ₂₇	1993 10 11.18611	01 36 57.87	+03 29 55.8	809
1993 TZ ₂₆	1993 10 11.18611	01 36 44.13	+05 54 14.4		809	1993 TF ₂₇	1993 10 20.20000	01 28 28.08	+02 55 28.0	18.2 809
1993 TZ ₂₆	1993 10 20.20000	01 28 58.97	+04 57 47.2	18.6	809	1993 TF ₂₇	1993 10 20.21319	01 28 27.26	+02 55 26.4	809
1993 TZ ₂₆	1993 10 20.21319	01 28 58.14	+04 57 41.3		809	1993 TF ₂₇	1993 10 20.22639	01 28 26.42	+02 55 23.0	809
1993 TZ ₂₆	1993 10 20.22639	01 28 57.44	+04 57 38.2		809	1993 TG ₂₇	* 1993 10 09.19236	01 38 51.26	+03 23 10.1	809
1993 TA ₂₇	* 1993 10 09.19236	01 38 27.55	+03 47 45.2	18.6	809	1993 TG ₂₇	1993 10 09.20556	01 38 50.57	+03 23 04.1	809
1993 TA ₂₇	1993 10 09.20556	01 38 26.97	+03 47 41.2		809	1993 TG ₂₇	1993 10 09.21875	01 38 49.89	+03 22 58.9	809
1993 TA ₂₇	1993 10 09.21875	01 38 26.27	+03 47 34.8		809	1993 TG ₂₇	1993 10 11.15972	01 37 22.32	+03 09 58.9	18.1 809
1993 TA ₂₇	1993 10 11.15972	01 36 52.70	+03 35 34.1	18.5	809	1993 TG ₂₇	1993 10 11.17292	01 37 21.67	+03 09 54.4	809
1993 TA ₂₇	1993 10 11.17292	01 36 52.03	+03 35 28.5		809	1993 TG ₂₇	1993 10 11.18611	01 37 21.02	+03 09 48.5	809
1993 TA ₂₇	1993 10 11.18611	01 36 51.30	+03 35 24.4		809	1993 TG ₂₇	1993 10 20.20000	01 30 15.98	+02 12 46.0	18.1 809
1993 TB ₂₇	* 1993 10 09.19236	01 38 32.06	+05 21 55.5		809	1993 TG ₂₇	1993 10 20.21319	01 30 15.31	+02 12 41.6	809
1993 TB ₂₇	1993 10 09.20556	01 38 31.30	+05 21 54.2		809	1993 TG ₂₇	1993 10 20.22639	01 30 14.57	+02 12 37.0	809
1993 TB ₂₇	1993 10 09.21875	01 38 30.60	+05 21 53.8		809	1993 TH ₂₇	* 1993 10 09.19236	01 38 52.37	+04 15 08.3	809
1993 TB ₂₇	1993 10 11.15972	01 36 47.27	+05 19 16.3	18.2	809	1993 TH ₂₇	1993 10 09.20556	01 38 51.71	+04 15 03.6	809
1993 TB ₂₇	1993 10 11.17292	01 36 46.54	+05 19 15.3		809	1993 TH ₂₇	1993 10 09.21875	01 38 51.09	+04 14 59.5	809
1993 TB ₂₇	1993 10 11.18611	01 36 45.77	+05 19 13.5		809	1993 TH ₂₇	1993 10 11.15972	01 37 17.98	+04 04 38.1	18.4 809
1993 TB ₂₇	1993 10 20.20000	01 28 28.82	+05 08 47.6	18.1	809	1993 TH ₂₇	1993 10 11.17292	01 37 17.29	+04 04 33.5	809

1993 TH ₂₇	1993 10 11.18611	01 37 16.63	+04 04 29.2		809	1993 TP ₂₇	* 1993 10 09.19236	01 39 55.59	+04 40 51.5		809
1993 TH ₂₇	1993 10 20.20000	01 29 53.50	+03 18 03.3	18.3	809	1993 TP ₂₇	1993 10 09.20556	01 39 54.95	+04 40 46.6		809
1993 TH ₂₇	1993 10 20.21319	01 29 52.80	+03 17 59.4		809	1993 TP ₂₇	1993 10 09.21875	01 39 54.26	+04 40 42.6		809
1993 TH ₂₇	1993 10 20.22639	01 29 52.15	+03 17 56.0		809	1993 TP ₂₇	1993 10 11.15972	01 38 12.26	+04 30 37.5	18.4	809
1993 TJ ₂₇	* 1993 10 09.19236	01 39 09.32	+05 15 56.7		809	1993 TP ₂₇	1993 10 11.17292	01 38 11.47	+04 30 32.9		809
1993 TJ ₂₇	1993 10 09.20556	01 39 08.68	+05 15 49.5		809	1993 TP ₂₇	1993 10 11.18611	01 38 10.76	+04 30 28.8		809
1993 TJ ₂₇	1993 10 09.21875	01 39 08.09	+05 15 43.4		809	1993 TP ₂₇	1993 10 20.20000	01 29 59.95	+03 44 29.9	18.4	809
1993 TJ ₂₇	1993 10 11.15972	01 37 45.77	+05 01 00.7	18.4	809	1993 TP ₂₇	1993 10 20.21319	01 29 59.20	+03 44 26.8		809
1993 TJ ₂₇	1993 10 11.17292	01 37 45.16	+05 00 55.3		809	1993 TP ₂₇	1993 10 20.22639	01 29 58.35	+03 44 22.3		809
1993 TJ ₂₇	1993 10 11.18611	01 37 44.58	+05 00 48.3		809	1993 TQ ₂₇	* 1993 10 09.19236	01 40 21.04	+03 53 31.2		809
1993 TJ ₂₇	1993 10 20.20000	01 31 10.69	+03 53 22.9	18.4	809	1993 TQ ₂₇	1993 10 09.20556	01 40 20.36	+03 53 28.1		809
1993 TJ ₂₇	1993 10 20.21319	01 31 10.13	+03 53 17.7		809	1993 TQ ₂₇	1993 10 09.21875	01 40 19.71	+03 53 26.4		809
1993 TJ ₂₇	1993 10 20.22639	01 31 09.48	+03 53 11.4		809	1993 TQ ₂₇	1993 10 11.15972	01 38 50.91	+03 47 29.6	18.3	809
1993 TK ₂₇	* 1993 10 09.19236	01 39 13.03	+03 27 08.8		809	1993 TQ ₂₇	1993 10 11.17292	01 38 50.25	+03 47 27.6		809
1993 TK ₂₇	1993 10 09.20556	01 39 12.36	+03 27 01.9		809	1993 TQ ₂₇	1993 10 11.18611	01 38 49.58	+03 47 25.0		809
1993 TK ₂₇	1993 10 09.21875	01 39 11.70	+03 26 55.8		809	1993 TQ ₂₇	1993 10 20.20000	01 31 47.84	+03 21 06.7	18.3	809
1993 TK ₂₇	1993 10 11.15972	01 37 33.55	+03 09 46.1	18.3	809	1993 TQ ₂₇	1993 10 20.21319	01 31 47.21	+03 21 04.8		809
1993 TK ₂₇	1993 10 11.17292	01 37 32.82	+03 09 38.9		809	1993 TQ ₂₇	1993 10 20.22639	01 31 46.50	+03 21 03.4		809
1993 TK ₂₇	1993 10 11.18611	01 37 32.07	+03 09 30.9		809	1993 TR ₂₇	* 1993 10 09.19236	01 40 26.28	+04 19 13.4		809
1993 TL ₂₇	* 1993 10 09.19236	01 39 16.11	+04 25 13.7		809	1993 TR ₂₇	1993 10 09.20556	01 40 25.66	+04 19 10.6		809
1993 TL ₂₇	1993 10 09.20556	01 39 15.21	+04 25 14.7		809	1993 TR ₂₇	1993 10 09.21875	01 40 24.99	+04 19 08.4		809
1993 TL ₂₇	1993 10 09.21875	01 39 14.38	+04 25 17.3		809	1993 TR ₂₇	1993 10 11.15972	01 39 00.16	+04 13 06.0	18.5	809
1993 TL ₂₇	1993 10 11.15972	01 37 06.28	+04 29 38.3	18.3	809	1993 TR ₂₇	1993 10 11.17292	01 38 59.44	+04 13 04.1		809
1993 TL ₂₇	1993 10 11.17292	01 37 05.36	+04 29 40.8		809	1993 TR ₂₇	1993 10 11.18611	01 38 58.84	+04 13 00.4		809
1993 TL ₂₇	1993 10 11.18611	01 37 04.46	+04 29 42.4		809	1993 TR ₂₇	1993 10 20.20000	01 31 59.68	+03 48 44.1	18.5	809
1993 TL ₂₇	1993 10 20.20000	01 26 58.78	+04 51 49.1	18.2	809	1993 TR ₂₇	1993 10 20.21319	01 31 58.97	+03 48 42.6		809
1993 TL ₂₇	1993 10 20.21319	01 26 57.87	+04 51 50.5		809	1993 TR ₂₇	1993 10 20.22639	01 31 58.24	+03 48 39.0		809
1993 TL ₂₇	1993 10 20.22639	01 26 56.91	+04 51 53.3		809	1993 TS ₂₇	* 1993 10 09.19236	01 40 35.60	+04 01 13.8		809
1993 TM ₂₇	* 1993 10 09.19236	01 39 43.13	+05 05 42.6	18.6	809	1993 TS ₂₇	1993 10 09.20556	01 40 34.74	+04 01 14.7		809
1993 TM ₂₇	1993 10 09.20556	01 39 42.46	+05 05 34.2		809	1993 TS ₂₇	1993 10 09.21875	01 40 33.79	+04 01 15.1		809
1993 TM ₂₇	1993 10 09.21875	01 39 41.86	+05 05 28.0		809	1993 TS ₂₇	1993 10 11.15972	01 38 28.68	+04 02 50.2	18.5	809
1993 TM ₂₇	1993 10 11.15972	01 38 19.56	+04 48 17.7	18.4	809	1993 TS ₂₇	1993 10 11.17292	01 38 27.60	+04 02 49.9		809
1993 TM ₂₇	1993 10 11.17292	01 38 19.05	+04 48 10.9		809	1993 TS ₂₇	1993 10 11.18611	01 38 26.74	+04 02 51.6		809
1993 TM ₂₇	1993 10 11.18611	01 38 18.29	+04 48 02.5		809	1993 TS ₂₇	1993 10 20.20000	01 28 25.90	+04 12 05.6	18.3	809
1993 TM ₂₇	1993 10 20.20000	01 31 50.71	+03 30 24.8	18.4	809	1993 TS ₂₇	1993 10 20.21319	01 28 25.02	+04 12 06.8		809
1993 TM ₂₇	1993 10 20.21319	01 31 50.15	+03 30 19.1		809	1993 TS ₂₇	1993 10 20.22639	01 28 24.11	+04 12 07.5		809
1993 TM ₂₇	1993 10 20.22639	01 31 49.46	+03 30 11.9		809	1993 TT ₂₇	* 1993 10 09.19236	01 41 08.19	+06 08 25.1		809
1993 TN ₂₇	* 1993 10 09.19236	01 39 45.12	+03 39 07.0		809	1993 TT ₂₇	1993 10 09.20556	01 41 07.45	+06 08 17.9		809
1993 TN ₂₇	1993 10 09.20556	01 39 44.40	+03 39 02.8		809	1993 TT ₂₇	1993 10 09.21875	01 41 06.66	+06 08 11.0		809
1993 TN ₂₇	1993 10 09.21875	01 39 43.59	+03 38 56.9		809	1993 TT ₂₇	1993 10 11.15972	01 39 21.34	+05 49 48.8	18.3	809
1993 TN ₂₇	1993 10 11.15972	01 37 57.84	+03 26 47.6	18.4	809	1993 TT ₂₇	1993 10 11.17292	01 39 20.56	+05 49 40.9		809
1993 TN ₂₇	1993 10 11.17292	01 37 57.07	+03 26 41.9		809	1993 TT ₂₇	1993 10 11.18611	01 39 19.75	+05 49 34.4		809
1993 TN ₂₇	1993 10 11.18611	01 37 56.29	+03 26 37.0		809	1993 TT ₂₇	1993 10 20.20000	01 31 01.61	+04 27 11.1	18.2	809
1993 TO ₂₇	* 1993 10 09.19236	01 39 46.32	+06 31 17.4	18.5	809	1993 TT ₂₇	1993 10 20.21319	01 31 00.83	+04 27 04.1		809
1993 TO ₂₇	1993 10 09.20556	01 39 45.63	+06 31 13.1		809	1993 TT ₂₇	1993 10 20.22639	01 31 00.01	+04 26 57.1		809
1993 TO ₂₇	1993 10 09.21875	01 39 45.01	+06 31 10.5		809	1993 TU ₂₇	* 1993 10 09.19236	01 41 09.53	+06 12 03.8		809
1993 TO ₂₇	1993 10 11.15972	01 38 18.53	+06 22 39.5	18.6	809	1993 TU ₂₇	1993 10 09.20556	01 41 08.84	+06 11 58.6		809
1993 TO ₂₇	1993 10 11.17292	01 38 17.87	+06 22 35.9		809	1993 TU ₂₇	1993 10 09.21875	01 41 08.14	+06 11 55.9		809
1993 TO ₂₇	1993 10 11.18611	01 38 17.19	+06 22 31.9		809	1993 TU ₂₇	1993 10 11.15972	01 39 41.70	+06 02 14.1	18.5	809
1993 TO ₂₇	1993 10 20.20000	01 31 23.06	+05 43 44.1	18.6	809	1993 TU ₂₇	1993 10 11.17292	01 39 41.09	+06 02 10.4		809
1993 TO ₂₇	1993 10 20.21319	01 31 22.41	+05 43 40.9		809	1993 TU ₂₇	1993 10 11.18611	01 39 40.38	+06 02 07.6		809
1993 TO ₂₇	1993 10 20.22639	01 31 21.69	+05 43 37.2		809	1993 TU ₂₇	1993 10 20.20000	01 32 43.82	+05 18 28.0	18.4	809

1993 TU ₂₇	1993 10 20.21319	01 32 43.13	+05 18 23.2	809	1993 TA ₂₈	1993 10 20.22639	01 30 02.65	+04 00 03.7	809
1993 TU ₂₇	1993 10 20.22639	01 32 42.41	+05 18 20.9	809	1993 TB ₂₈	* 1993 10 09.19236	01 42 17.67	+05 35 08.6	809
1993 TV ₂₇	* 1993 10 09.19236	01 41 21.24	+06 19 21.6	809	1993 TB ₂₈	1993 10 09.20556	01 42 17.04	+05 35 05.4	809
1993 TV ₂₇	1993 10 09.20556	01 41 20.58	+06 19 17.4	809	1993 TB ₂₈	1993 10 09.21875	01 42 16.38	+05 35 02.8	809
1993 TV ₂₇	1993 10 09.21875	01 41 19.88	+06 19 14.0	809	1993 TB ₂₈	1993 10 11.15972	01 40 48.33	+05 27 07.4	18.3 809
1993 TV ₂₇	1993 10 11.15972	01 39 43.62	+06 09 55.8	18.3 809	1993 TB ₂₈	1993 10 11.17292	01 40 47.70	+05 27 03.9	809
1993 TV ₂₇	1993 10 11.17292	01 39 42.93	+06 09 51.5	809	1993 TB ₂₈	1993 10 11.18611	01 40 47.10	+05 27 01.2	809
1993 TV ₂₇	1993 10 11.18611	01 39 42.26	+06 09 48.4	809	1993 TB ₂₈	1993 10 20.20000	01 33 42.91	+04 50 50.5	18.3 809
1993 TV ₂₇	1993 10 20.20000	01 32 00.27	+05 27 02.2	18.3 809	1993 TB ₂₈	1993 10 20.21319	01 33 42.20	+04 50 47.4	809
1993 TV ₂₇	1993 10 20.21319	01 31 59.55	+05 26 59.1	809	1993 TB ₂₈	1993 10 20.22639	01 33 41.57	+04 50 44.4	809
1993 TV ₂₇	1993 10 20.22639	01 31 58.75	+05 26 54.5	809	1993 TC ₂₈	* 1993 10 09.19236	01 42 36.84	+06 33 44.7	809
1993 TW ₂₇	* 1993 10 09.19236	01 41 29.76	+03 40 08.7	809	1993 TC ₂₈	1993 10 09.20556	01 42 36.13	+06 33 42.4	809
1993 TW ₂₇	1993 10 09.20556	01 41 28.95	+03 40 06.5	809	1993 TC ₂₈	1993 10 09.21875	01 42 35.30	+06 33 39.3	809
1993 TW ₂₇	1993 10 09.21875	01 41 28.25	+03 40 02.3	809	1993 TC ₂₈	1993 10 11.15972	01 40 56.28	+06 27 28.5	18.6 809
1993 TW ₂₇	1993 10 11.15972	01 39 41.36	+03 32 26.9	18.7 809	1993 TC ₂₈	1993 10 11.17292	01 40 55.50	+06 27 26.9	809
1993 TW ₂₇	1993 10 11.17292	01 39 40.66	+03 32 24.3	809	1993 TC ₂₈	1993 10 11.18611	01 40 54.75	+06 27 25.4	809
1993 TW ₂₇	1993 10 11.18611	01 39 39.94	+03 32 21.3	809	1993 TC ₂₈	1993 10 20.20000	01 32 57.93	+05 59 19.0	18.6 809
1993 TW ₂₇	1993 10 20.20000	01 31 14.71	+02 59 24.1	18.5 809	1993 TC ₂₈	1993 10 20.21319	01 32 57.05	+05 59 15.9	809
1993 TW ₂₇	1993 10 20.21319	01 31 13.89	+02 59 21.9	809	1993 TC ₂₈	1993 10 20.22639	01 32 56.19	+05 59 13.9	809
1993 TW ₂₇	1993 10 20.22639	01 31 13.06	+02 59 19.3	809	1993 TD ₂₈	* 1993 10 09.19236	01 42 37.75	+07 33 43.3	809
1993 TX ₂₇	* 1993 10 09.19236	01 41 31.03	+06 21 26.7	809	1993 TD ₂₈	1993 10 09.20556	01 42 37.13	+07 33 38.5	809
1993 TX ₂₇	1993 10 09.20556	01 41 30.37	+06 21 20.3	809	1993 TD ₂₈	1993 10 09.21875	01 42 36.57	+07 33 34.3	809
1993 TX ₂₇	1993 10 09.21875	01 41 29.60	+06 21 13.1	809	1993 TD ₂₈	1993 10 11.15972	01 41 11.40	+07 22 54.6	18.4 809
1993 TX ₂₇	1993 10 11.15972	01 39 47.31	+06 05 16.6	18.2 809	1993 TD ₂₈	1993 10 11.17292	01 41 10.75	+07 22 49.6	809
1993 TX ₂₇	1993 10 11.17292	01 39 46.59	+06 05 10.4	809	1993 TD ₂₈	1993 10 11.18611	01 41 10.15	+07 22 45.3	809
1993 TX ₂₇	1993 10 11.18611	01 39 45.81	+06 05 03.9	809	1993 TD ₂₈	1993 10 20.20000	01 34 22.88	+06 33 14.2	18.3 809
1993 TX ₂₇	1993 10 20.20000	01 31 28.99	+04 50 55.8	18.0 809	1993 TD ₂₈	1993 10 20.21319	01 34 22.28	+06 33 09.5	809
1993 TX ₂₇	1993 10 20.21319	01 31 28.22	+04 50 50.4	809	1993 TD ₂₈	1993 10 20.22639	01 34 21.57	+06 33 05.2	809
1993 TX ₂₇	1993 10 20.22639	01 31 27.48	+04 50 43.7	809	1993 TE ₂₈	* 1993 10 09.19236	01 42 41.67	+04 26 53.0	809
1993 TY ₂₇	* 1993 10 09.19236	01 41 32.59	+04 37 47.2	809	1993 TE ₂₈	1993 10 09.20556	01 42 40.93	+04 26 49.2	809
1993 TY ₂₇	1993 10 09.20556	01 41 31.99	+04 37 38.5	809	1993 TE ₂₈	1993 10 09.21875	01 42 40.29	+04 26 44.9	809
1993 TY ₂₇	1993 10 09.21875	01 41 31.27	+04 37 29.7	809	1993 TE ₂₈	1993 10 11.15972	01 41 03.22	+04 18 37.0	19.1 809
1993 TY ₂₇	1993 10 11.15972	01 40 04.14	+04 18 34.9	18.4 809	1993 TE ₂₈	1993 10 11.17292	01 41 02.62	+04 18 34.6	809
1993 TY ₂₇	1993 10 11.17292	01 40 03.40	+04 18 26.0	809	1993 TE ₂₈	1993 10 11.18611	01 41 01.85	+04 18 31.5	809
1993 TY ₂₇	1993 10 11.18611	01 40 02.72	+04 18 17.4	809	1993 TF ₂₈	* 1993 10 09.19236	01 42 49.96	+04 28 20.4	809
1993 TZ ₂₇	* 1993 10 09.19236	01 41 34.84	+05 42 21.0	809	1993 TF ₂₈	1993 10 09.20556	01 42 49.33	+04 28 16.8	809
1993 TZ ₂₇	1993 10 09.20556	01 41 34.14	+05 42 14.9	809	1993 TF ₂₈	1993 10 09.21875	01 42 48.69	+04 28 13.6	809
1993 TZ ₂₇	1993 10 09.21875	01 41 33.40	+05 42 09.2	809	1993 TF ₂₈	1993 10 11.15972	01 41 22.38	+04 19 40.4	18.4 809
1993 TZ ₂₇	1993 10 11.15972	01 39 57.49	+05 27 51.5	18.5 809	1993 TF ₂₈	1993 10 11.17292	01 41 21.73	+04 19 36.2	809
1993 TZ ₂₇	1993 10 11.17292	01 39 56.83	+05 27 45.3	809	1993 TF ₂₈	1993 10 11.18611	01 41 21.10	+04 19 33.4	809
1993 TZ ₂₇	1993 10 11.18611	01 39 56.07	+05 27 40.1	809	1993 TF ₂₈	1993 10 20.20000	01 34 20.65	+03 41 09.9	18.3 809
1993 TZ ₂₇	1993 10 20.20000	01 32 07.00	+04 21 17.1	18.3 809	1993 TF ₂₈	1993 10 20.21319	01 34 19.94	+03 41 06.4	809
1993 TZ ₂₇	1993 10 20.21319	01 32 06.23	+04 21 10.8	809	1993 TF ₂₈	1993 10 20.22639	01 34 19.22	+03 41 03.2	809
1993 TZ ₂₇	1993 10 20.22639	01 32 05.49	+04 21 05.1	809	1993 TG ₂₈	* 1993 10 09.19236	01 42 56.28	+05 37 12.1	809
1993 TA ₂₈	* 1993 10 09.19236	01 41 55.45	+04 06 30.8	809	1993 TG ₂₈	1993 10 09.20556	01 42 55.69	+05 37 07.2	809
1993 TA ₂₈	1993 10 09.20556	01 41 54.59	+04 06 30.1	809	1993 TG ₂₈	1993 10 09.21875	01 42 55.00	+05 37 01.4	809
1993 TA ₂₈	1993 10 09.21875	01 41 53.61	+04 06 29.6	809	1993 TG ₂₈	1993 10 11.15972	01 41 30.48	+05 23 51.8	18.4 809
1993 TA ₂₈	1993 10 11.15972	01 39 52.66	+04 04 59.7	18.4 809	1993 TG ₂₈	1993 10 11.17292	01 41 29.97	+05 23 48.4	809
1993 TA ₂₈	1993 10 11.17292	01 39 51.81	+04 04 59.5	809	1993 TG ₂₈	1993 10 11.18611	01 41 29.25	+05 23 42.7	809
1993 TA ₂₈	1993 10 11.18611	01 39 50.95	+04 04 59.1	809	1993 TH ₂₈	* 1993 10 09.19236	01 42 57.98	+05 44 06.7	809
1993 TA ₂₈	1993 10 20.20000	01 30 04.46	+04 00 03.8	18.3 809	1993 TH ₂₈	1993 10 09.20556	01 42 57.45	+05 43 58.3	809
1993 TA ₂₈	1993 10 20.21319	01 30 03.62	+04 00 03.9	809	1993 TH ₂₈	1993 10 09.21875	01 42 56.85	+05 43 49.3	809

1993 TH ₂₈	1993 10 11.15972	01 41 39.99	+05 23 21.4	18.0	809	1993 TO ₂₈	1993 10 09.20556	01 43 58.96	+07 05 44.7	809
1993 TH ₂₈	1993 10 11.17292	01 41 39.44	+05 23 13.3		809	1993 TO ₂₈	1993 10 09.21875	01 43 58.09	+07 05 44.4	809
1993 TH ₂₈	1993 10 11.18611	01 41 38.83	+05 23 04.7		809	1993 TO ₂₈	1993 10 11.15972	01 42 01.77	+07 03 48.7	18.0 809
1993 TH ₂₈	1993 10 20.20000	01 35 22.34	+03 49 07.0	18.0	809	1993 TO ₂₈	1993 10 11.17292	01 42 00.93	+07 03 48.8	809
1993 TH ₂₈	1993 10 20.21319	01 35 21.76	+03 48 59.9		809	1993 TO ₂₈	1993 10 11.18611	01 42 00.12	+07 03 47.9	809
1993 TH ₂₈	1993 10 20.22639	01 35 21.12	+03 48 51.7		809	1993 TO ₂₈	1993 10 20.20000	01 32 42.65	+06 55 04.0	18.0 809
1993 TJ ₂₈	* 1993 10 09.19236	01 42 59.14	+04 11 55.2		809	1993 TO ₂₈	1993 10 20.21319	01 32 41.85	+06 55 03.6	809
1993 TJ ₂₈	1993 10 09.20556	01 42 58.15	+04 11 56.9		809	1993 TO ₂₈	1993 10 20.22639	01 32 40.91	+06 55 02.5	809
1993 TJ ₂₈	1993 10 09.21875	01 42 57.43	+04 11 58.7		809	1993 TP ₂₈	* 1993 10 09.19236	01 44 04.19	+06 52 24.0	809
1993 TJ ₂₈	1993 10 11.15972	01 40 52.94	+04 15 33.3	18.3	809	1993 TP ₂₈	1993 10 09.20556	01 44 03.45	+06 52 22.3	809
1993 TJ ₂₈	1993 10 11.17292	01 40 52.06	+04 15 34.3		809	1993 TP ₂₈	1993 10 09.21875	01 44 02.74	+06 52 20.7	809
1993 TJ ₂₈	1993 10 11.18611	01 40 51.11	+04 15 35.0		809	1993 TP ₂₈	1993 10 11.15972	01 42 20.25	+06 47 15.6	18.2 809
1993 TJ ₂₈	1993 10 20.20000	01 30 58.74	+04 34 05.1	18.4	809	1993 TP ₂₈	1993 10 11.17292	01 42 19.51	+06 47 13.8	809
1993 TJ ₂₈	1993 10 20.21319	01 30 57.93	+04 34 06.3		809	1993 TP ₂₈	1993 10 11.18611	01 42 18.77	+06 47 12.1	809
1993 TJ ₂₈	1993 10 20.22639	01 30 57.01	+04 34 08.2		809	1993 TP ₂₈	1993 10 20.20000	01 34 03.36	+06 24 05.7	18.2 809
1993 TK ₂₈	* 1993 10 09.19236	01 43 23.50	+06 43 06.2		809	1993 TP ₂₈	1993 10 20.21319	01 34 02.58	+06 24 04.3	809
1993 TK ₂₈	1993 10 09.20556	01 43 22.60	+06 43 02.9		809	1993 TP ₂₈	1993 10 20.22639	01 34 01.86	+06 24 02.5	809
1993 TK ₂₈	1993 10 09.21875	01 43 21.75	+06 42 59.5		809	1993 TQ ₂₈	* 1993 10 09.19236	01 44 11.21	+04 51 45.3	809
1993 TK ₂₈	1993 10 11.15972	01 41 22.28	+06 34 45.4	18.0	809	1993 TQ ₂₈	1993 10 09.20556	01 44 10.52	+04 51 41.7	809
1993 TK ₂₈	1993 10 11.17292	01 41 21.42	+06 34 42.0		809	1993 TQ ₂₈	1993 10 09.21875	01 44 09.92	+04 51 36.8	809
1993 TK ₂₈	1993 10 11.18611	01 41 20.57	+06 34 38.8		809	1993 TQ ₂₈	1993 10 11.15972	01 42 33.44	+04 39 31.2	18.7 809
1993 TK ₂₈	1993 10 20.20000	01 31 59.18	+05 57 49.2	18.1	809	1993 TQ ₂₈	1993 10 11.17292	01 42 32.72	+04 39 25.1	809
1993 TK ₂₈	1993 10 20.21319	01 31 58.37	+05 57 46.3		809	1993 TQ ₂₈	1993 10 11.18611	01 42 32.14	+04 39 20.4	809
1993 TK ₂₈	1993 10 20.22639	01 31 57.47	+05 57 43.5		809	1993 TQ ₂₈	1993 10 20.20000	01 34 49.35	+03 45 45.1	18.5 809
1993 TL ₂₈	* 1993 10 09.19236	01 43 26.88	+06 53 49.0		809	1993 TQ ₂₈	1993 10 20.21319	01 34 48.54	+03 45 40.1	809
1993 TL ₂₈	1993 10 09.20556	01 43 26.25	+06 53 45.4		809	1993 TQ ₂₈	1993 10 20.22639	01 34 47.80	+03 45 35.5	809
1993 TL ₂₈	1993 10 09.21875	01 43 25.56	+06 53 41.0		809	1993 TR ₂₈	* 1993 10 09.19236	01 44 42.63	+06 02 08.7	18.6 809
1993 TL ₂₈	1993 10 11.15972	01 41 57.49	+06 44 24.9	18.5	809	1993 TR ₂₈	1993 10 09.20556	01 44 41.95	+06 02 03.6	809
1993 TL ₂₈	1993 10 11.17292	01 41 56.81	+06 44 21.0		809	1993 TR ₂₈	1993 10 09.21875	01 44 41.24	+06 01 58.6	809
1993 TL ₂₈	1993 10 11.18611	01 41 56.20	+06 44 17.1		809	1993 TR ₂₈	1993 10 11.15972	01 43 09.17	+05 50 35.3	18.5 809
1993 TL ₂₈	1993 10 20.20000	01 34 50.30	+06 01 09.5	18.3	809	1993 TR ₂₈	1993 10 11.17292	01 43 08.40	+05 50 29.5	809
1993 TL ₂₈	1993 10 20.21319	01 34 49.70	+06 01 06.6		809	1993 TR ₂₈	1993 10 11.18611	01 43 07.71	+05 50 24.8	809
1993 TL ₂₈	1993 10 20.22639	01 34 49.03	+06 01 03.0		809	1993 TR ₂₈	1993 10 20.20000	01 35 41.97	+04 57 54.9	18.5 809
1993 TM ₂₈	* 1993 10 09.19236	01 43 43.96	+07 04 52.3		809	1993 TR ₂₈	1993 10 20.21319	01 35 41.29	+04 57 50.7	809
1993 TM ₂₈	1993 10 09.20556	01 43 43.10	+07 04 50.3		809	1993 TR ₂₈	1993 10 20.22639	01 35 40.55	+04 57 47.4	809
1993 TM ₂₈	1993 10 09.21875	01 43 42.21	+07 04 48.9		809	1993 TS ₂₈	* 1993 10 09.19236	01 44 42.95	+04 52 16.9	809
1993 TM ₂₈	1993 10 11.15972	01 41 46.77	+06 59 50.0	18.3	809	1993 TS ₂₈	1993 10 09.20556	01 44 42.23	+04 52 11.3	809
1993 TM ₂₈	1993 10 11.17292	01 41 45.87	+06 59 47.9		809	1993 TS ₂₈	1993 10 09.21875	01 44 41.58	+04 52 04.4	809
1993 TM ₂₈	1993 10 11.18611	01 41 45.06	+06 59 46.8		809	1993 TS ₂₈	1993 10 11.15972	01 43 07.68	+04 36 50.4	18.5 809
1993 TM ₂₈	1993 10 20.20000	01 32 32.32	+06 37 22.7	18.3	809	1993 TS ₂₈	1993 10 11.17292	01 43 06.98	+04 36 45.4	809
1993 TM ₂₈	1993 10 20.21319	01 32 31.38	+06 37 21.5		809	1993 TS ₂₈	1993 10 11.18611	01 43 06.20	+04 36 39.4	809
1993 TM ₂₈	1993 10 20.22639	01 32 30.61	+06 37 20.1		809	1993 TT ₂₈	* 1993 10 09.19236	01 44 53.82	+03 39 36.9	809
1993 TN ₂₈	* 1993 10 09.19236	01 43 57.72	+04 57 27.0		809	1993 TT ₂₈	1993 10 09.20556	01 44 53.09	+03 39 34.7	809
1993 TN ₂₈	1993 10 09.20556	01 43 56.96	+04 57 20.9		809	1993 TT ₂₈	1993 10 09.21875	01 44 52.43	+03 39 34.3	809
1993 TN ₂₈	1993 10 09.21875	01 43 56.33	+04 57 15.8		809	1993 TT ₂₈	1993 10 11.15972	01 43 15.00	+03 36 16.3	18.6 809
1993 TN ₂₈	1993 10 11.15972	01 42 25.33	+04 43 14.1	18.4	809	1993 TT ₂₈	1993 10 11.17292	01 43 14.29	+03 36 13.7	809
1993 TN ₂₈	1993 10 11.17292	01 42 24.65	+04 43 08.6		809	1993 TT ₂₈	1993 10 11.18611	01 43 13.51	+03 36 14.3	809
1993 TN ₂₈	1993 10 11.18611	01 42 23.99	+04 43 03.3		809	1993 TU ₂₈	* 1993 10 09.19236	01 44 57.25	+06 46 59.1	809
1993 TN ₂₈	1993 10 20.20000	01 34 56.74	+03 40 04.9	18.4	809	1993 TU ₂₈	1993 10 09.20556	01 44 56.57	+06 46 54.9	809
1993 TN ₂₈	1993 10 20.21319	01 34 55.98	+03 39 59.9		809	1993 TU ₂₈	1993 10 09.21875	01 44 55.70	+06 46 49.3	809
1993 TN ₂₈	1993 10 20.22639	01 34 55.26	+03 39 53.9		809	1993 TU ₂₈	1993 10 11.15972	01 43 22.30	+06 36 34.9	18.6 809
1993 TO ₂₈	* 1993 10 09.19236	01 43 59.75	+07 05 45.1		809	1993 TU ₂₈	1993 10 11.17292	01 43 21.53	+06 36 30.7	809

1993 TU ₂₈	1993 10 11.18611	01 43 20.96	+06 36 26.4		809	(75)	1993 09 15.13056	00 31 15.92	+03 27 02.9	10.0	809
1993 TU ₂₈	1993 10 20.20000	01 35 52.62	+05 49 18.7	18.4	809	(75)	1993 09 15.14097	00 31 15.29	+03 27 03.1		809
1993 TU ₂₈	1993 10 20.21319	01 35 51.93	+05 49 14.5		809	(75)	1993 09 15.15139	00 31 14.74	+03 27 02.5		809
1993 TU ₂₈	1993 10 20.22639	01 35 51.23	+05 49 10.0		809	(75)	1993 09 17.21944	00 29 38.39	+03 27 36.7		809
1993 TV ₂₈	* 1993 10 09.19236	01 36 13.27	+04 51 00.2		809	(75)	1993 09 17.22986	00 29 37.60	+03 27 36.2		809
1993 TV ₂₈	1993 10 09.20556	01 36 12.50	+04 50 55.3		809	(75)	1993 09 17.24028	00 29 37.13	+03 27 36.2		809
1993 TV ₂₈	1993 10 09.21875	01 36 11.79	+04 50 50.6		809	(189)	1993 09 15.13056	00 24 02.10	+06 17 44.0	10.0	809
1993 TV ₂₈	1993 10 11.15972	01 34 38.06	+04 42 03.8	18.6	809	(189)	1993 09 15.14097	00 24 01.41	+06 17 38.1		809
1993 TV ₂₈	1993 10 11.17292	01 34 37.42	+04 41 59.7		809	(189)	1993 09 15.15139	00 24 00.87	+06 17 33.9		809
1993 TV ₂₈	1993 10 11.18611	01 34 36.63	+04 41 54.9		809	(189)	1993 09 17.21944	00 22 25.29	+06 02 51.4		809
1993 TV ₂₈	1993 10 20.20000	01 27 12.44	+04 02 30.2	18.5	809	(189)	1993 09 17.22986	00 22 24.62	+06 02 46.5		809
1993 TV ₂₈	1993 10 20.21319	01 27 11.78	+04 02 26.9		809	(189)	1993 09 17.24028	00 22 24.10	+06 02 42.1		809
1993 TV ₂₈	1993 10 20.22639	01 27 10.98	+04 02 23.5		809	(269)	1993 10 09.19236	01 33 35.16	+03 15 39.7		809
1993 TW ₂₈	* 1993 10 09.19236	01 44 22.08	+03 10 07.3		809	(269)	1993 10 09.20556	01 33 34.44	+03 15 34.7		809
1993 TW ₂₈	1993 10 09.20556	01 44 21.29	+03 10 08.7		809	(269)	1993 10 09.21875	01 33 33.71	+03 15 28.8		809
1993 TW ₂₈	1993 10 09.21875	01 44 20.34	+03 10 07.8		809	(269)	1993 10 11.15972	01 31 52.78	+03 02 19.5	16.0	809
1993 TW ₂₈	1993 10 11.15972	01 42 28.93	+03 11 52.7	18.7	809	(269)	1993 10 11.17292	01 31 52.06	+03 02 13.8		809
1993 TW ₂₈	1993 10 11.17292	01 42 28.08	+03 11 53.9		809	(269)	1993 10 11.18611	01 31 51.32	+03 02 08.6		809
1993 TW ₂₈	1993 10 11.18611	01 42 27.19	+03 11 54.5		809	(269)	1993 10 20.20000	01 24 01.31	+02 04 12.0	15.5	809
1993 TW ₂₈	1993 10 20.20000	01 33 05.80	+03 24 23.3	18.5	809	(269)	1993 10 20.21319	01 24 00.53	+02 04 06.7		809
1993 TW ₂₈	1993 10 20.21319	01 33 04.90	+03 24 23.4		809	(269)	1993 10 20.22639	01 23 59.81	+02 04 02.3		809
1993 TW ₂₈	1993 10 20.22639	01 33 04.02	+03 24 25.8		809	(308)	1993 09 17.25833	00 49 20.22	+04 44 24.5		809
1993 TX ₂₈	* 1993 10 11.11319	01 18 54.72	+02 39 07.5		809	(308)	1993 09 17.26875	00 49 19.70	+04 44 19.8		809
1993 TX ₂₈	1993 10 11.12639	01 18 54.01	+02 39 05.9		809	(308)	1993 09 17.27917	00 49 19.31	+04 44 16.3		809
1993 TX ₂₈	1993 10 11.13958	01 18 53.22	+02 39 03.3		809	(308)	1993 09 18.25000	00 48 39.26	+04 38 18.0	14.0	809
1993 TX ₂₈	1993 10 20.15625	01 11 14.14	+02 17 57.3	18.0	809	(308)	1993 09 18.26042	00 48 38.72	+04 38 15.0		809
1993 TX ₂₈	1993 10 20.16944	01 11 13.43	+02 17 55.8		809	(308)	1993 09 18.27083	00 48 38.23	+04 38 10.7		809
1993 TX ₂₈	1993 10 20.18264	01 11 12.70	+02 17 55.1		809	(474)	1993 02 17.17014	08 52 12.76	+11 56 51.7	17.0	809
1993 UG ₁	1993 10 09.19236	01 41 54.17	+06 10 39.2		809	(474)	1993 02 17.18333	08 52 12.05	+11 56 56.7		809
1993 UG ₁	1993 10 09.20556	01 41 53.69	+06 10 27.9		809	(474)	1993 02 17.19653	08 52 11.35	+11 57 01.4		809
1993 UG ₁	1993 10 09.21875	01 41 53.07	+06 10 16.7		809	(523)	1993 07 26.25486	19 13 19.93	-19 16 07.9	16.7	809
1993 UG ₁	1993 10 11.15972	01 40 38.46	+05 41 58.4	17.6	809	(523)	1993 07 26.26806	19 13 19.16	-19 16 08.3		809
1993 UG ₁	1993 10 11.17292	01 40 37.92	+05 41 47.0		809	(523)	1993 07 26.28125	19 13 18.57	-19 16 09.8		809
1993 UG ₁	1993 10 11.18611	01 40 37.34	+05 41 35.5		809	(548)	1993 07 13.16736	19 50 12.49	-21 36 01.0	17.0	809
1993 UG ₁	1993 10 20.20000	01 34 28.58	+03 30 26.7	17.8	809	(548)	1993 07 13.18056	19 50 11.66	-21 36 04.2		809
1993 UG ₁	1993 10 20.21319	01 34 27.98	+03 30 15.9		809	(548)	1993 07 13.19375	19 50 10.73	-21 36 08.2		809
1993 UG ₁	1993 10 20.22639	01 34 27.32	+03 30 04.3		809	(548)	1993 07 23.20000	19 39 22.64	-22 18 43.0	17.0	809
1298 T-2	1993 10 09.19236	01 33 23.91	+04 49 19.2		809	(548)	1993 07 23.21250	19 39 21.81	-22 18 46.0		809
1298 T-2	1993 10 09.20556	01 33 23.13	+04 49 12.9		809	(548)	1993 07 23.22569	19 39 20.93	-22 18 49.3		809
1298 T-2	1993 10 09.21875	01 33 22.34	+04 49 05.6		809	(548)	1993 07 26.29792	19 36 04.11	-22 31 04.2	16.8	809
1298 T-2	1993 10 11.15972	01 31 35.37	+04 32 44.5	18.0	809	(548)	1993 07 26.31111	19 36 03.15	-22 31 06.7		809
1298 T-2	1993 10 11.17292	01 31 34.56	+04 32 37.7		809	(548)	1993 07 26.32431	19 36 02.30	-22 31 09.3		809
1298 T-2	1993 10 11.18611	01 31 33.78	+04 32 31.6		809	(555)	1993 10 09.14861	01 15 36.28	+04 10 40.4	17.0	809
1298 T-2	1993 10 20.20000	01 23 03.41	+03 18 03.6	18.1	809	(555)	1993 10 09.16181	01 15 35.64	+04 10 36.8		809
1298 T-2	1993 10 20.21319	01 23 02.60	+03 17 56.9		809	(555)	1993 10 09.17500	01 15 34.99	+04 10 32.7		809
1298 T-2	1993 10 20.22639	01 23 01.81	+03 17 50.9		809	(555)	1993 10 11.11319	01 14 08.78	+04 01 03.1		809
3224 T-3	1993 10 20.15625	00 59 18.94	+02 23 43.4	18.2	809	(555)	1993 10 11.12639	01 14 08.12	+04 00 58.5		809
3224 T-3	1993 10 20.16944	00 59 18.24	+02 23 37.2		809	(555)	1993 10 11.13958	01 14 07.47	+04 00 54.8		809
3224 T-3	1993 10 20.18264	00 59 17.51	+02 23 32.2		809	(555)	1993 10 20.15625	01 07 25.23	+03 18 10.7	17.7	809
(15)	1993 07 13.16736	19 52 20.19	-20 45 15.0	9.0	809	(555)	1993 10 20.16944	01 07 24.61	+03 18 08.1		809
(15)	1993 07 13.18056	19 52 19.29	-20 45 14.3		809	(555)	1993 10 20.18264	01 07 23.94	+03 18 03.9		809
(15)	1993 07 13.19375	19 52 18.38	-20 45 12.6		809	(609)	1993 10 09.19236	01 45 33.14	+06 53 08.7	16.5	809

(609)	1993 10 09.20556	01 45 32.54	+06 53 04.1		809	(1622)	1993 09 17.27917	00 38 50.29	+03 54 48.3		809
(609)	1993 10 09.21875	01 45 31.89	+06 53 00.3		809	(1729)	1993 09 15.13056	00 38 15.39	+03 31 33.2	17.5	809
(758)	1993 07 23.20000	19 24 24.34	-22 53 00.6	15.0	809	(1729)	1993 09 15.14097	00 38 14.74	+03 31 30.4		809
(758)	1993 07 23.21250	19 24 23.68	-22 53 02.7		809	(1729)	1993 09 15.15139	00 38 14.14	+03 31 27.5		809
(758)	1993 07 23.22569	19 24 23.05	-22 53 04.1		809	(1729)	1993 09 17.21944	00 36 19.01	+03 22 11.2		809
(758)	1993 07 26.25486	19 22 02.55	-23 01 09.8	14.0	809	(1729)	1993 09 17.22986	00 36 18.35	+03 22 07.9		809
(758)	1993 07 26.26806	19 22 01.86	-23 01 11.8		809	(1729)	1993 09 17.24028	00 36 17.71	+03 22 05.6		809
(758)	1993 07 26.28125	19 22 01.18	-23 01 13.2		809	(1742)	1993 09 17.25833	00 53 57.55	+03 22 30.3		809
(817)	1993 07 26.25486	19 19 45.78	-18 30 11.9	17.0	809	(1742)	1993 09 17.26875	00 53 57.01	+03 22 27.3		809
(817)	1993 07 26.26806	19 19 45.00	-18 30 17.5		809	(1742)	1993 09 17.27917	00 53 56.50	+03 22 24.1		809
(817)	1993 07 26.28125	19 19 44.18	-18 30 21.5		809	(1742)	1993 09 18.25000	00 53 19.06	+03 17 13.4	17.7	809
(832)	1993 07 13.16736	20 04 41.87	-19 17 55.1	17.5	809	(1742)	1993 09 18.26042	00 53 18.58	+03 17 09.5		809
(832)	1993 07 13.18056	20 04 41.17	-19 17 57.2		809	(1742)	1993 09 18.27083	00 53 18.09	+03 17 06.0		809
(832)	1993 07 13.19375	20 04 40.41	-19 17 58.3		809	(1824)	1993 09 17.25833	00 44 38.31	+04 15 56.7		809
(954)	1993 07 23.20000	19 20 21.94	-20 42 49.9	17.0	809	(1824)	1993 09 17.26875	00 44 37.80	+04 15 54.5		809
(954)	1993 07 23.21250	19 20 21.29	-20 42 50.9		809	(1824)	1993 09 17.27917	00 44 37.30	+04 15 51.5		809
(954)	1993 07 23.22569	19 20 20.65	-20 42 52.6		809	(1824)	1993 09 18.25000	00 43 55.50	+04 12 02.0	17.5	809
(954)	1993 07 26.25486	19 18 02.60	-20 48 32.8	15.5	809	(1824)	1993 09 18.26042	00 43 55.01	+04 11 59.6		809
(954)	1993 07 26.26806	19 18 01.89	-20 48 34.5		809	(1824)	1993 09 18.27083	00 43 54.44	+04 11 57.1		809
(954)	1993 07 26.28125	19 18 01.31	-20 48 35.4		809	(1828)	1993 09 15.13056	00 34 47.18	+04 24 13.5	16.8	809
(1253)	1993 09 17.25833	00 42 20.25	+03 09 53.1		809	(1828)	1993 09 15.14097	00 34 46.72	+04 24 07.7		809
(1253)	1993 09 17.26875	00 42 19.72	+03 09 50.2		809	(1828)	1993 09 15.15139	00 34 46.30	+04 24 01.6		809
(1253)	1993 09 17.27917	00 42 19.22	+03 09 47.8		809	(1828)	1993 09 17.21944	00 33 34.02	+04 05 02.2		809
(1253)	1993 09 18.25000	00 41 41.46	+03 06 07.8	17.6	809	(1828)	1993 09 17.22986	00 33 33.57	+04 04 56.7		809
(1253)	1993 09 18.26042	00 41 41.02	+03 06 05.5		809	(1828)	1993 09 17.24028	00 33 33.11	+04 04 50.2		809
(1253)	1993 09 18.27083	00 41 40.48	+03 06 02.8		809	(1965)	1993 10 09.14861	01 24 19.95	+05 00 26.5	16.0	809
(1352)	1993 09 17.25833	00 45 33.71	+04 59 38.2		809	(1965)	1993 10 09.16181	01 24 19.19	+05 00 22.9		809
(1352)	1993 09 17.26875	00 45 33.26	+04 59 33.9		809	(1965)	1993 10 09.17500	01 24 18.39	+05 00 19.2		809
(1352)	1993 09 17.27917	00 45 32.70	+04 59 30.6		809	(1965)	1993 10 11.11319	01 22 36.27	+04 50 35.0		809
(1352)	1993 09 18.25000	00 44 53.45	+04 53 47.5	16.8	809	(1965)	1993 10 11.12639	01 22 35.51	+04 50 30.8		809
(1352)	1993 09 18.26042	00 44 52.92	+04 53 43.2		809	(1965)	1993 10 11.13958	01 22 34.77	+04 50 27.2		809
(1352)	1993 09 18.27083	00 44 52.38	+04 53 39.1		809	(1965)	1993 10 11.15972	01 22 33.68	+04 50 22.3	17.0	809
(1434)	1993 02 17.17014	09 05 58.61	+12 43 22.2	17.5	809	(1965)	1993 10 11.17292	01 22 32.89	+04 50 18.1		809
(1434)	1993 02 17.18333	09 05 57.97	+12 43 27.0		809	(1965)	1993 10 11.18611	01 22 32.19	+04 50 13.9		809
(1434)	1993 02 17.19653	09 05 57.24	+12 43 31.4		809	(1965)	1993 10 20.15625	01 14 33.18	+04 06 43.9	17.7	809
(1563)	1993 10 09.19236	01 35 25.91	+03 46 42.4		809	(1965)	1993 10 20.16944	01 14 32.54	+04 06 40.9		809
(1563)	1993 10 09.20556	01 35 24.98	+03 46 38.9		809	(1965)	1993 10 20.18264	01 14 31.77	+04 06 36.5		809
(1563)	1993 10 09.21875	01 35 24.17	+03 46 36.0		809	(1968)	1993 10 09.19236	01 34 46.91	+04 08 30.3		809
(1563)	1993 10 11.15972	01 33 21.35	+03 38 50.5	17.2	809	(1968)	1993 10 09.20556	01 34 46.21	+04 08 26.0		809
(1563)	1993 10 11.17292	01 33 20.47	+03 38 47.2		809	(1968)	1993 10 09.21875	01 34 45.50	+04 08 23.5		809
(1563)	1993 10 11.18611	01 33 19.52	+03 38 44.2		809	(1968)	1993 10 20.20000	01 25 23.54	+03 23 21.3	17.8	809
(1563)	1993 10 20.20000	01 23 35.37	+03 04 45.4	17.5	809	(1968)	1993 10 20.21319	01 25 22.78	+03 23 17.8		809
(1563)	1993 10 20.21319	01 23 34.42	+03 04 42.8		809	(1968)	1993 10 20.22639	01 25 22.03	+03 23 14.7		809
(1563)	1993 10 20.22639	01 23 33.52	+03 04 39.5		809	(2017)	1993 02 17.17014	08 57 17.17	+12 56 04.8	18.0	809
(1622)	1993 09 15.13056	00 41 01.52	+04 00 48.5	17.5	809	(2017)	1993 02 17.18333	08 57 16.43	+12 56 09.9		809
(1622)	1993 09 15.14097	00 41 00.85	+04 00 46.5		809	(2017)	1993 02 17.19653	08 57 15.64	+12 56 14.2		809
(1622)	1993 09 15.15139	00 41 00.11	+04 00 45.2		809	(2240)	1993 07 23.20000	19 25 52.31	-22 54 33.6	18.3	809
(1622)	1993 09 17.21944	00 38 54.10	+03 54 58.8		809	(2240)	1993 07 23.21250	19 25 51.71	-22 54 34.4		809
(1622)	1993 09 17.22986	00 38 53.33	+03 54 57.1		809	(2240)	1993 07 23.22569	19 25 51.08	-22 54 36.0		809
(1622)	1993 09 17.24028	00 38 52.69	+03 54 55.7		809	(2240)	1993 07 26.25486	19 23 29.93	-22 59 28.8	18.2	809
(1622)	1993 09 17.25833	00 38 51.78	+03 54 52.3	17.5	809	(2240)	1993 07 26.26806	19 23 29.18	-22 59 30.2		809
(1622)	1993 09 17.26875	00 38 50.97	+03 54 49.7		809	(2240)	1993 07 26.28125	19 23 28.50	-22 59 31.2		809

(2321)	1993 10 09.19236	01 43 26.92	+05 29 20.1		809	(2733)	1993 07 26.31111	19 46 59.43	-20 06 56.2		809
(2321)	1993 10 09.20556	01 43 26.23	+05 29 18.4		809	(2733)	1993 07 26.32431	19 46 58.61	-20 06 59.4		809
(2321)	1993 10 09.21875	01 43 25.54	+05 29 16.4		809	(2833)	1993 09 17.25833	00 55 06.49	+07 02 17.0		809
(2321)	1993 10 11.15972	01 41 49.39	+05 24 34.2	17.5	809	(2833)	1993 09 17.26875	00 55 05.86	+07 02 14.4		809
(2321)	1993 10 11.17292	01 41 48.70	+05 24 32.7		809	(2833)	1993 09 17.27917	00 55 05.42	+07 02 12.0		809
(2321)	1993 10 11.18611	01 41 47.98	+05 24 30.5		809	(2833)	1993 09 18.25000	00 54 25.30	+06 58 37.8	17.5	809
(2321)	1993 10 20.20000	01 34 06.15	+05 03 27.6	17.8	809	(2833)	1993 09 18.26042	00 54 24.76	+06 58 34.6		809
(2321)	1993 10 20.21319	01 34 05.44	+05 03 25.8		809	(2833)	1993 09 18.27083	00 54 24.29	+06 58 33.1		809
(2321)	1993 10 20.22639	01 34 04.66	+05 03 24.2		809	(2891)	1993 07 13.16736	19 59 00.88	-20 39 12.5	18.0	809
(2593)	1993 09 15.13056	00 27 33.02	+02 36 40.1	18.0	809	(2891)	1993 07 13.18056	19 59 00.27	-20 39 16.2		809
(2593)	1993 09 15.14097	00 27 32.37	+02 36 36.6		809	(2891)	1993 07 13.19375	19 58 59.63	-20 39 20.5		809
(2593)	1993 09 15.15139	00 27 31.72	+02 36 32.3		809	(2894)	1993 07 26.25486	19 23 43.28	-23 40 43.5	18.5	809
(2647)	1993 07 23.20000	19 21 01.17	-21 47 22.1	17.7	809	(2894)	1993 07 26.26806	19 23 42.51	-23 40 44.8		809
(2647)	1993 07 23.21250	19 21 00.33	-21 47 22.6		809	(2894)	1993 07 26.28125	19 23 41.92	-23 40 46.7		809
(2647)	1993 07 23.22569	19 20 59.42	-21 47 22.8		809	(2931)	1993 09 17.25833	00 41 55.03	+03 11 33.7		809
(2647)	1993 07 26.25486	19 17 45.25	-21 47 53.1	17.8	809	(2931)	1993 09 17.26875	00 41 54.46	+03 11 31.0		809
(2647)	1993 07 26.26806	19 17 44.27	-21 47 53.6		809	(2931)	1993 09 17.27917	00 41 53.91	+03 11 28.6		809
(2647)	1993 07 26.28125	19 17 43.41	-21 47 53.7		809	(2931)	1993 09 18.25000	00 41 11.03	+03 07 33.8	17.8	809
(2648)	1993 07 23.20000	19 24 30.36	-19 57 24.8	18.0	809	(2931)	1993 09 18.26042	00 41 10.47	+03 07 31.2		809
(2648)	1993 07 23.21250	19 24 29.46	-19 57 24.9		809	(2931)	1993 09 18.27083	00 41 09.98	+03 07 28.2		809
(2648)	1993 07 23.22569	19 24 28.61	-19 57 25.1		809	(2949)	1993 10 20.20000	01 35 38.34	+03 32 11.6	17.2	809
(2648)	1993 07 26.25486	19 21 11.03	-19 57 53.4	18.0	809	(2949)	1993 10 20.21319	01 35 37.49	+03 32 05.9		809
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(2648)	1993 07 26.28125	19 21 09.23	-19 57 53.3		809	(2953)	1993 09 15.13056	00 37 28.78	+05 40 15.9	18.0	809
(2656)	1993 07 26.29792	19 41 50.92	-23 27 31.4	18.2	809	(2953)	1993 09 15.14097	00 37 28.18	+05 40 13.1		809
(2656)	1993 07 26.31111	19 41 50.02	-23 27 33.5		809	(2953)	1993 09 15.15139	00 37 27.70	+05 40 10.7		809
(2656)	1993 07 26.32431	19 41 49.14	-23 27 36.4		809	(2953)	1993 09 17.21944	00 35 58.48	+05 30 46.1		809
(2675)	1993 09 17.25833	00 42 59.14	+04 17 56.3		809	(2953)	1993 09 17.22986	00 35 58.02	+05 30 44.1		809
(2675)	1993 09 17.26875	00 42 58.49	+04 17 53.8		809	(2953)	1993 09 17.24028	00 35 57.50	+05 30 40.9		809
(2675)	1993 09 17.27917	00 42 57.93	+04 17 51.4		809	(2958)	1993 09 17.25833	00 47 32.52	+06 40 02.6		809
(2675)	1993 09 18.25000	00 42 08.01	+04 14 45.1	17.5	809	(2958)	1993 09 17.26875	00 47 32.05	+06 40 00.3		809
(2675)	1993 09 18.26042	00 42 07.34	+04 14 42.9		809	(2958)	1993 09 17.27917	00 47 31.55	+06 39 57.9		809
(2675)	1993 09 18.27083	00 42 06.76	+04 14 41.1		809	(2958)	1993 09 18.25000	00 46 50.51	+06 35 57.1	18.0	809
(2689)	1993 09 15.13056	00 31 53.12	+04 53 18.9	17.8	809	(2958)	1993 09 18.26042	00 46 50.03	+06 35 54.7		809
(2689)	1993 09 15.14097	00 31 52.51	+04 53 14.6		809	(2958)	1993 09 18.27083	00 46 49.58	+06 35 51.4		809
(2689)	1993 09 15.15139	00 31 52.03	+04 53 09.4		809	(3016)	1993 10 09.19236	01 32 18.17	+05 03 36.8		809
(2689)	1993 09 17.21944	00 30 06.16	+04 37 09.6		809	(3016)	1993 10 09.20556	01 32 17.56	+05 03 32.7		809
(2689)	1993 09 17.22986	00 30 05.58	+04 37 03.8		809	(3016)	1993 10 09.21875	01 32 16.85	+05 03 28.9		809
(2689)	1993 09 17.24028	00 30 04.99	+04 36 59.2		809	(3016)	1993 10 11.15972	01 30 44.28	+04 53 19.2	17.8	809
(2724)	1993 10 09.14861	01 23 31.15	+04 05 04.9	17.3	809	(3016)	1993 10 11.17292	01 30 43.61	+04 53 15.0		809
(2724)	1993 10 09.16181	01 23 30.47	+04 05 00.1		809	(3016)	1993 10 11.18611	01 30 42.91	+04 53 10.8		809
(2724)	1993 10 09.17500	01 23 29.76	+04 04 55.8		809	(3016)	1993 10 20.20000	01 23 24.93	+04 07 10.4	17.5	809
(2724)	1993 10 11.11319	01 21 59.00	+03 53 47.2		809	(3016)	1993 10 20.21319	01 23 24.23	+04 07 06.6		809
(2724)	1993 10 11.12639	01 21 58.29	+03 53 42.5		809	(3016)	1993 10 20.22639	01 23 23.54	+04 07 02.2		809
(2724)	1993 10 11.13958	01 21 57.64	+03 53 38.5		809	(3082)	1993 07 13.16736	19 57 22.89	-19 42 11.5	17.8	809
(2724)	1993 10 20.15625	01 14 56.61	+03 04 03.1	17.3	809	(3082)	1993 07 13.18056	19 57 22.13	-19 42 17.4		809
(2724)	1993 10 20.16944	01 14 55.99	+03 03 58.6		809	(3082)	1993 07 13.19375	19 57 21.40	-19 42 23.1		809
(2724)	1993 10 20.18264	01 14 55.29	+03 03 54.8		809	(3082)	1993 07 26.29792	19 45 23.56	-21 18 32.6	18.0	809
(2733)	1993 07 13.16736	20 00 06.71	-18 42 06.7	17.9	809	(3082)	1993 07 26.31111	19 45 22.74	-21 18 37.9		809
(2733)	1993 07 13.18056	20 00 05.91	-18 42 12.3		809	(3082)	1993 07 26.32431	19 45 21.93	-21 18 42.8		809
(2733)	1993 07 13.19375	20 00 05.04	-18 42 17.5		809	(3212)	1993 07 26.25486	19 20 25.17	-23 06 15.7	18.2	809
(2733)	1993 07 26.29792	19 47 00.30	-20 06 50.6	17.8	809	(3212)	1993 07 26.26806	19 20 24.42	-23 06 17.9		809

(3212)	1993 07 26.28125	19 20 23.61	-23 06 21.7		809	(3916)	1993 10 11.11319	01 12 56.87	+07 13 16.5		809
(3236)	1993 07 13.16736	19 50 51.45	-19 06 46.7	18.0	809	(3916)	1993 10 11.12639	01 12 56.20	+07 13 13.1		809
(3236)	1993 07 13.18056	19 50 50.56	-19 06 49.9		809	(3916)	1993 10 11.13958	01 12 55.56	+07 13 10.1		809
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(3236)	1993 07 23.20000	19 39 47.11	-19 33 41.3	18.0	809	(3916)	1993 10 20.16944	01 06 03.11	+06 36 24.6		809
(3236)	1993 07 23.21250	19 39 46.31	-19 33 43.4		809	(3916)	1993 10 20.18264	01 06 02.48	+06 36 21.2		809
(3236)	1993 07 23.22569	19 39 45.38	-19 33 45.7		809	(3957)	1993 09 15.13056	00 30 22.61	+03 14 53.3	18.0	809
(3236)	1993 07 26.29792	19 36 25.40	-19 41 40.4	18.0	809	(3957)	1993 09 15.14097	00 30 22.03	+03 14 48.5		809
(3236)	1993 07 26.31111	19 36 24.50	-19 41 41.7		809	(3957)	1993 09 15.15139	00 30 21.57	+03 14 44.8		809
(3236)	1993 07 26.32431	19 36 23.61	-19 41 43.4		809	(3957)	1993 09 17.21944	00 29 00.09	+03 00 39.8		809
(3264)	1993 09 15.13056	00 36 21.51	+02 54 51.3	18.0	809	(3957)	1993 09 17.22986	00 28 59.56	+03 00 35.7		809
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(3264)	1993 09 17.24028	00 34 58.37	+02 45 30.0		809	(3962)	1993 10 20.20000	01 19 30.38	+06 57 16.9	18.1	809
(3507)	1993 10 09.19236	01 40 43.33	+05 52 35.3		809	(3962)	1993 10 20.21319	01 19 29.76	+06 57 13.3		809
(3507)	1993 10 09.20556	01 40 42.75	+05 52 32.6		809	(3962)	1993 10 20.22639	01 19 29.13	+06 57 10.3		809
(3507)	1993 10 09.21875	01 40 42.08	+05 52 28.4		809	(4242)	1993 07 13.16736	19 44 54.53	-21 45 31.4	18.1	809
(3507)	1993 10 11.15972	01 39 14.71	+05 44 23.5	17.7	809	(4242)	1993 07 13.18056	19 44 53.79	-21 45 33.8		809
(3507)	1993 10 11.17292	01 39 14.06	+05 44 20.7		809	(4242)	1993 07 13.19375	19 44 53.09	-21 45 35.9		809
(3507)	1993 10 11.18611	01 39 13.44	+05 44 17.2		809	(4242)	1993 07 23.20000	19 36 28.58	-22 05 39.2	18.2	809
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(3507)	1993 10 20.21319	01 32 18.93	+05 07 26.2		809	(4242)	1993 07 23.22569	19 36 27.21	-22 05 41.7		809
(3507)	1993 10 20.22639	01 32 18.31	+05 07 23.2		809	(4242)	1993 07 26.25486	19 34 00.91	-22 11 05.1	18.1	809
(3541)	1993 10 09.19236	01 34 09.23	+03 27 26.0	18.1	809	(4242)	1993 07 26.26806	19 34 00.18	-22 11 07.3		809
(3541)	1993 10 09.20556	01 34 08.44	+03 27 22.0		809	(4242)	1993 07 26.28125	19 33 59.59	-22 11 08.1		809
(3541)	1993 10 09.21875	01 34 07.70	+03 27 17.6		809	(4242)	1993 07 26.29792	19 33 58.74	-22 11 11.2	18.1	809
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(3541)	1993 10 11.18611	01 32 19.99	+03 17 10.1		809	(4325)	1993 10 09.19236	01 36 30.10	+04 09 13.7		809
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(3541)	1993 10 20.21319	01 23 59.97	+02 32 53.9		809	(4325)	1993 10 09.21875	01 36 28.65	+04 09 07.9		809
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(3549)	1993 07 13.18056	20 02 25.93	-18 11 49.8		809	(4325)	1993 10 11.18611	01 34 48.80	+04 01 35.8		809
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(3603)	1993 07 23.22569	19 27 08.27	-19 14 12.2		809	(4337)	1993 09 17.25833	00 42 04.59	+02 32 39.5		809
(3603)	1993 07 26.25486	19 24 26.31	-19 12 19.9	17.9	809	(4337)	1993 09 17.26875	00 42 04.14	+02 32 37.8		809
(3603)	1993 07 26.26806	19 24 25.54	-19 12 19.4		809	(4337)	1993 09 17.27917	00 42 03.60	+02 32 35.6		809
(3603)	1993 07 26.28125	19 24 24.86	-19 12 17.9		809	(4474)	1993 10 09.19236	01 26 41.58	+06 05 08.6		809
(3659)	1993 09 17.25833	00 43 48.90	+05 15 47.8		809	(4474)	1993 10 09.20556	01 26 40.96	+06 05 04.8		809
(3659)	1993 09 17.26875	00 43 48.40	+05 15 43.9		809	(4474)	1993 10 09.21875	01 26 40.32	+06 05 01.4		809
(3659)	1993 09 17.27917	00 43 47.89	+05 15 39.9		809	(4474)	1993 10 11.15972	01 25 13.31	+05 55 56.3	18.2	809
(3659)	1993 09 18.25000	00 43 05.62	+05 09 38.9	18.2	809	(4474)	1993 10 11.17292	01 25 12.68	+05 55 52.6		809
(3659)	1993 09 18.26042	00 43 05.09	+05 09 35.2		809	(4474)	1993 10 11.18611	01 25 12.01	+05 55 48.6		809
(3659)	1993 09 18.27083	00 43 04.63	+05 09 30.3		809	(4474)	1993 10 20.20000	01 18 27.09	+05 14 14.6	18.1	809
(3916)	1993 10 09.14861	01 14 26.56	+07 21 14.2	17.9	809	(4474)	1993 10 20.21319	01 18 26.46	+05 14 11.2		809
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(3916)	1993 10 09.17500	01 14 25.28	+07 21 08.2		809	(4641)	1993 07 13.16736	19 56 31.66	-21 24 39.6	18.0	809

(4641)	1993 07 13.18056	19 56 30.75	-21 24 42.2		809	(4839)	1993 10 20.18264	01 15 54.97	+01 59 02.6		809
(4641)	1993 07 13.19375	19 56 29.87	-21 24 45.9		809	(4849)	1993 02 17.17014	08 55 43.93	+13 17 19.8	18.3	809
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(4641)	1993 07 26.31111	19 42 01.25	-22 16 05.8		809	(4849)	1993 02 17.19653	08 55 42.40	+13 17 27.5		809
(4641)	1993 07 26.32431	19 42 00.29	-22 16 08.7		809	(4907)	1993 07 26.25486	19 19 09.39	-18 44 35.7	18.3	809
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(4661)	1993 07 23.21250	19 28 47.02	-23 34 09.2		809	(4907)	1993 07 26.28125	19 19 08.22	-18 44 40.1		809
(4661)	1993 07 23.22569	19 28 46.19	-23 34 11.7		809	(4908)	1993 02 17.17014	09 03 28.35	+10 54 18.9	18.6	809
(4727)	1993 07 23.20000	19 19 11.73	-20 24 45.0	18.2	809	(4908)	1993 02 17.18333	09 03 27.64	+10 54 22.5		809
(4727)	1993 07 23.21250	19 19 11.05	-20 24 47.3		809	(4908)	1993 02 17.19653	09 03 26.57	+10 54 28.5		809
(4727)	1993 07 23.22569	19 19 10.40	-20 24 49.5		809	(4928)	1993 02 17.17014	08 54 03.68	+13 35 28.9	18.5	809
(4727)	1993 07 26.25486	19 16 42.38	-20 33 09.6	18.3	809	(4928)	1993 02 17.18333	08 54 02.85	+13 35 31.6		809
(4727)	1993 07 26.26806	19 16 41.66	-20 33 11.7		809	(4928)	1993 02 17.19653	08 54 02.03	+13 35 35.4		809
(4727)	1993 07 26.28125	19 16 41.03	-20 33 14.1		809	(5141)	1993 07 13.16736	20 03 50.82	-18 41 33.9	18.1	809
(4728)	1993 10 09.14861	01 06 11.08	+05 20 59.3	17.5	809	(5141)	1993 07 13.18056	20 03 50.07	-18 41 36.9		809
(4728)	1993 10 09.16181	01 06 10.11	+05 20 57.9		809	(5141)	1993 07 13.19375	20 03 49.42	-18 41 39.2		809
(4728)	1993 10 09.17500	01 06 09.27	+05 20 55.8		809	(5225)	1993 07 23.20000	19 26 17.94	-22 46 06.0	18.2	809
(4728)	1993 10 11.11319	01 04 07.63	+05 17 05.0		809	(5225)	1993 07 23.21250	19 26 17.30	-22 46 07.3		809
(4728)	1993 10 11.12639	01 04 06.66	+05 17 03.5		809	(5225)	1993 07 23.22569	19 26 16.62	-22 46 09.2		809
(4728)	1993 10 11.13958	01 04 05.81	+05 17 01.6		809	(5225)	1993 07 26.25486	19 23 45.42	-22 53 08.2	18.1	809
(4771)	1993 07 23.20000	19 26 08.02	-21 12 51.0	17.9	809	(5225)	1993 07 26.26806	19 23 44.72	-22 53 10.1		809
(4771)	1993 07 23.21250	19 26 07.25	-21 12 50.8		809	(5225)	1993 07 26.28125	19 23 44.04	-22 53 11.6		809
(4771)	1993 07 23.22569	19 26 06.48	-21 12 50.1		809	(5237)	1993 10 09.14861	01 08 03.80	+03 44 37.8	17.8	809
(4771)	1993 07 26.25486	19 23 22.72	-21 10 49.5	18.0	809	(5237)	1993 10 09.16181	01 08 02.85	+03 44 33.5		809
(4771)	1993 07 26.26806	19 23 21.91	-21 10 50.2		809	(5237)	1993 10 09.17500	01 08 01.97	+03 44 31.6		809
(4771)	1993 07 26.28125	19 23 21.22	-21 10 48.3		809	(5237)	1993 10 11.11319	01 06 00.42	+03 36 20.6		809
(4773)	1993 10 20.20000	01 36 56.39	+05 01 29.8	18.0	809	(5237)	1993 10 11.12639	01 05 59.47	+03 36 17.5		809
(4773)	1993 10 20.21319	01 36 55.60	+05 01 26.7		809	(5237)	1993 10 11.13958	01 05 58.59	+03 36 13.9		809
(4773)	1993 10 20.22639	01 36 54.75	+05 01 23.9		809	(5237)	1993 10 20.15625	00 56 42.15	+03 00 52.7	18.0	809
(4779)	1993 07 23.20000	19 20 25.74	-20 53 25.9	18.4	809	(5237)	1993 10 20.16944	00 56 41.34	+03 00 50.0		809
(4779)	1993 07 23.21250	19 20 25.13	-20 53 26.9		809	(5237)	1993 10 20.18264	00 56 40.48	+03 00 47.0		809
(4779)	1993 07 23.22569	19 20 24.54	-20 53 28.4		809	(5703)	1993 10 20.20000	01 29 42.10	+02 54 47.4	17.5	809
(4779)	1993 07 26.25486	19 18 08.11	-20 58 17.7	18.4	809	(5703)	1993 10 20.21319	01 29 41.13	+02 54 50.0		809
(4779)	1993 07 26.26806	19 18 07.48	-20 58 18.9		809	(5703)	1993 10 20.22639	01 29 40.20	+02 54 51.8		809
(4779)	1993 07 26.28125	19 18 06.91	-20 58 20.0		809	(5706)	1993 10 09.14861	01 05 42.91	+04 49 46.9	17.6	809
(4817)	1993 09 17.25833	00 54 56.78	+04 14 48.8		809	(5706)	1993 10 09.16181	01 05 42.24	+04 49 42.3		809
(4817)	1993 09 17.26875	00 54 56.29	+04 14 44.8		809	(5706)	1993 10 09.17500	01 05 41.55	+04 49 39.6		809
(4817)	1993 09 17.27917	00 54 55.84	+04 14 41.2		809	(5706)	1993 10 11.11319	01 04 10.94	+04 41 08.8		809
(4817)	1993 09 18.25000	00 54 20.46	+04 08 56.5	18.0	809	(5706)	1993 10 11.12639	01 04 10.22	+04 41 04.7		809
(4817)	1993 09 18.26042	00 54 20.00	+04 08 52.9		809	(5706)	1993 10 11.13958	01 04 09.55	+04 41 01.2		809
(4817)	1993 09 18.27083	00 54 19.53	+04 08 49.3		809	(5706)	1993 10 20.15625	00 57 12.60	+04 02 45.4	17.9	809
(4839)	1993 10 09.14861	01 25 01.17	+03 37 17.0	17.0	809	(5706)	1993 10 20.16944	00 57 12.02	+04 02 42.1		809
(4839)	1993 10 09.16181	01 25 00.46	+03 37 10.3		809	(5706)	1993 10 20.18264	00 57 11.32	+04 02 38.9		809
(4839)	1993 10 09.17500	01 24 59.79	+03 37 03.1		809	(5710)	1993 09 17.25833	00 56 47.10	+06 52 16.1		809
(4839)	1993 10 11.11319	01 23 23.99	+03 19 09.7		809	(5710)	1993 09 17.26875	00 56 46.57	+06 52 15.5		809
(4839)	1993 10 11.12639	01 23 23.36	+03 19 04.0		809	(5710)	1993 09 17.27917	00 56 46.01	+06 52 14.5		809
(4839)	1993 10 11.13958	01 23 22.63	+03 18 56.0		809	(5710)	1993 09 18.25000	00 56 00.96	+06 51 01.0	17.7	809
(4839)	1993 10 11.15972	01 23 22.04	+03 18 45.8	17.5	809	(5710)	1993 09 18.26042	00 56 00.40	+06 51 00.0		809
(4839)	1993 10 11.17292	01 23 21.33	+03 18 39.0		809	(5710)	1993 09 18.27083	00 55 59.87	+06 50 59.2		809
(4839)	1993 10 11.18611	01 23 20.59	+03 18 31.2		809	(5730)	1993 10 09.19236	01 37 02.50	+07 07 30.5		809
(4839)	1993 10 20.15625	01 15 56.36	+01 59 16.1	17.8	809	(5730)	1993 10 09.20556	01 37 01.88	+07 07 27.2		809
(4839)	1993 10 20.16944	01 15 55.67	+01 59 09.5		809	(5730)	1993 10 09.21875	01 37 01.20	+07 07 23.6		809

(5730)	1993 10 11.15972	01 35 28.55	+06 58 40.6	17.8	809	(4324)	1993 12 17.13664	03 30 02.92	+28 47 47.3	14.7	816
(5730)	1993 10 11.17292	01 35 27.91	+06 58 37.4		809	(4324)	1993 12 18.04752	03 29 40.26	+28 40 13.6	15.6	816
(5730)	1993 10 11.18611	01 35 27.21	+06 58 33.1		809	(4324)	1993 12 18.05271	03 29 40.10	+28 40 10.8	15.5	816
(5730)	1993 10 20.20000	01 28 07.15	+06 18 31.5	17.9	809	(4324)	1993 12 18.05458	03 29 40.07	+28 40 09.9	15.5	816
(5730)	1993 10 20.21319	01 28 06.39	+06 18 27.7		809	(4807)	1993 11 13.17144	03 17 03.56	+19 16 26.3	14.6	816
(5730)	1993 10 20.22639	01 28 05.71	+06 18 24.3		809	(4807)	1993 11 13.17935	03 17 03.07	+19 16 24.4	14.7	816
(5733)	1993 10 09.19236	01 36 35.92	+07 12 38.4		809	(4807)	1993 11 13.18088	03 17 02.97	+19 16 24.0	14.5	816
(5733)	1993 10 09.20556	01 36 35.30	+07 12 34.6		809	(4807)	1993 11 13.18983	03 17 02.44	+19 16 22.3	14.6	816
(5733)	1993 10 09.21875	01 36 34.66	+07 12 31.7		809	(4807)	1993 11 19.16605	03 11 23.29	+18 54 45.2	14.9	816
(5733)	1993 10 11.15972	01 35 08.06	+07 04 33.7	18.0	809	(4807)	1993 11 19.16737	03 11 23.22	+18 54 45.2	14.7	816
(5733)	1993 10 11.17292	01 35 07.42	+07 04 30.2		809	(4807)	1993 11 19.16901	03 11 23.09	+18 54 44.8	14.7	816
(5733)	1993 10 11.18611	01 35 06.75	+07 04 27.3		809						
(5733)	1993 10 20.20000	01 28 11.55	+06 27 34.0	18.0	809	868 Hidaka Observatory					
(5733)	1993 10 20.21319	01 28 10.85	+06 27 30.3		809	S. Shirai, 13-2, Nishi-Kagaya 2 Chome, Suminoe-Ku, Osaka 559, Japan					
(5733)	1993 10 20.22639	01 28 10.21	+06 27 27.3		809	Observer S. Shirai					
(5762)	1993 10 20.15625	01 04 45.61	+05 11 43.9	17.9	809	Measurer S. Hayakawa					
(5762)	1993 10 20.16944	01 04 44.96	+05 11 37.3		809	0.25-m $f/3.4$ hyperboloid astrocamera					
(5762)	1993 10 20.18264	01 04 44.27	+05 11 30.9		809	GSC					
(5764)	1993 10 09.19236	01 31 24.45	+05 32 31.7		809	1977 EX	1994 01 07.78185	09 11 41.05	+16 21 59.5	16.0	868
(5764)	1993 10 09.20556	01 31 23.58	+05 32 25.7		809	1977 EX	1994 01 07.80804	09 11 39.91	+16 21 56.7		868
(5764)	1993 10 09.21875	01 31 22.83	+05 32 19.2		809	1977 EX	1994 01 08.78141	09 10 55.27	+16 19 54.1		868
(5764)	1993 10 11.15972	01 29 30.38	+05 17 33.6	17.8	809	1977 EX	1994 01 08.80905	09 10 53.92	+16 19 50.5		868
(5764)	1993 10 11.17292	01 29 29.57	+05 17 27.1		809	1993 TQ	1993 11 18.59662	01 35 08.79	+02 12 43.8		868
(5764)	1993 10 11.18611	01 29 28.75	+05 17 20.3		809	1993 TQ	1993 11 18.62312	01 35 07.89	+02 12 51.1		868
(5764)	1993 10 20.20000	01 20 46.08	+04 10 45.4	17.7	809	1994 AM ₂	1994 01 14.60117	08 56 52.41	+14 16 56.3		868
(5764)	1993 10 20.21319	01 20 45.30	+04 10 39.8		809	1994 AM ₂	1994 01 14.62696	08 56 50.61	+14 16 48.1		868
(5764)	1993 10 20.22639	01 20 44.47	+04 10 34.0		809	1994 AZ ₂	1994 01 07.61341	08 55 48.97	+13 27 19.5	16.0	868
						1994 AZ ₂	1994 01 07.64007	08 55 48.17	+13 27 09.0		868
						1994 AZ ₂	1994 01 08.78141	08 54 54.91	+13 21 45.2		868
						1994 AZ ₂	1994 01 08.80905	08 54 53.59	+13 21 37.8		868
						1994 AZ ₂	1994 01 14.60117	08 49 55.53	+12 55 47.0		868
						1994 AZ ₂	1994 01 14.62696	08 49 53.95	+12 55 38.8		868
						1994 AN ₃	* 1994 01 08.78141	09 00 35.92	+11 49 53.5	16.5	868
						1994 AN ₃	1994 01 08.80905	09 00 34.88	+11 50 04.5		868
						1994 AN ₃	1994 01 14.60117	08 56 29.53	+12 26 02.0		868
						1994 AN ₃	1994 01 14.62696	08 56 28.38	+12 26 14.1		868
						886 Susono					
						T. Furuta, 17-2 Mitsuike, Kagiya, Tokai 477, Japan					
						Observer M. Akiyama					
						Measurer T. Furuta					
						0.25-m $f/4.2$ Wright-Schmidt camera					
						GSC					
						1993 XX	1993 12 23.56635	05 10 44.71	+26 26 51.6		886
						1993 XX	1993 12 23.57708	05 10 44.18	+26 26 47.4		886
						887 Ojima					
						T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan					
						Observer T. Nijjima					
						Measurer T. Urata					
						0.30-m $f/5.8$ reflector + CCD					
						GSC					

1986 UG	1994 01 04.68160	09 10 58.24	+15 30 58.1	16.5 V	887	1992 PY ₂	1994 01 09.73264	07 14 12.20	+22 12 01.9	16.0	894
1986 UG	1994 01 04.68820	09 10 57.92	+15 30 59.8		887	1994 AG ₃	1994 01 21.70694	08 53 32.75	+10 30 02.2	16.5	894
1986 UG	1994 01 04.69445	09 10 57.67	+15 31 01.5		887	1994 AG ₃	1994 01 21.71944	08 53 31.97	+10 30 02.1		894
1989 YR	1994 02 02.67740	10 23 46.18	+13 05 01.4	17 V	887	1994 AG ₃	1994 01 22.73507	08 52 30.04	+10 30 13.1		894
1989 YR	1994 02 02.68509	10 23 45.81	+13 05 05.0		887	1994 AG ₃	1994 01 22.74618	08 52 29.29	+10 30 12.5		894
1989 YR	1994 02 02.69388	10 23 45.35	+13 05 08.1		887	1994 AH ₃	1994 01 21.73299	09 00 18.21	+11 44 34.8	16.7	894
1991 DM ₁	1994 01 08.59663	05 28 10.31	+04 58 01.0	17 V	887	1994 AH ₃	1994 01 21.74618	09 00 17.30	+11 44 36.7		894
1993 YR	1994 02 02.57605	05 28 13.21	+05 23 54.3	17.3 V	887	1994 AH ₃	1994 01 22.73507	08 59 19.24	+11 46 20.6	16.5	894
1993 YR	1994 02 02.58584	05 28 13.39	+05 23 58.2		887	1994 AH ₃	1994 01 22.74618	08 59 18.49	+11 46 21.9		894
1994 AO	1994 01 30.57918	05 18 16.84	+03 15 19.6	16 V	887	1994 BF	1994 02 02.66354	09 28 59.15	+13 58 42.9	16.5	894
1994 AO	1994 01 30.58640	05 18 16.80	+03 15 21.1		887	1994 BF	1994 02 02.67465	09 28 58.54	+13 58 50.0		894
1994 CA	1994 02 07.69000	09 19 00.83	+29 39 17.7	16 V	887	1994 BF	1994 02 07.65006	09 24 19.38	+14 50 33.5		894
1994 CA	1994 02 07.69840	09 18 59.85	+29 39 13.0		887	1994 BF	1994 02 07.66389	09 24 18.58	+14 50 41.0		894
1994 CA	1994 02 07.70596	09 18 58.99	+29 39 09.2		887	1994 BM ₄	* 1994 01 21.70694	08 55 11.65	+07 44 17.0	17.0	894
(2062)	1994 01 30.49606	02 57 47.25	+17 53 56.5	17 V	887	1994 BM ₄	1994 01 21.71944	08 55 10.86	+07 44 17.1		894
(2062)	1994 01 30.50394	02 57 47.56	+17 54 19.0		887	1994 BM ₄	1994 02 02.56076	08 44 27.40	+07 57 25.0	17.0	894
(2945)	1994 02 07.78831	10 19 28.39	+13 40 43.4	16.5 V	887	1994 BM ₄	1994 02 02.57396	08 44 26.60	+07 57 26.5		894
(2945)	1994 02 07.79398	10 19 28.12	+13 40 45.1		887	1994 CB ₁	* 1994 02 03.65590	09 22 50.50	+09 10 17.6	16.5	894
(2945)	1994 02 07.80442	10 19 27.61	+13 40 48.1		887	1994 CB ₁	1994 02 03.66915	09 22 49.68	+09 10 19.6		894
893 Sendai Astronomical Observatory						1994 CB ₁	1994 02 07.62326	09 19 04.77	+09 25 35.6		894
M. Koishikawa, 1-1, Sakuragaoka Koen, Aoba-Ku, Sendai 980, Japan						1994 CB ₁	1994 02 07.63646	09 19 04.18	+09 25 38.4		894
Observer K. Cross						1994 CF ₁	* 1994 02 02.64063	09 13 55.48	+10 06 12.5	17.0	894
0.41-m <i>f</i> /5.2 reflector + CCD						1994 CF ₁	1994 02 02.65243	09 13 54.73	+10 06 10.8		894
GSC						1994 CF ₁	1994 02 03.65590	09 12 51.27	+10 06 09.6		894
1994 CA	1994 02 06.71781	09 20 50.48	+29 47 29.8		893	1994 CF ₁	1994 02 03.66910	09 12 50.41	+10 06 09.6		894
1994 CA	1994 02 06.72125	09 20 50.10	+29 47 27.9		893	(462)	1993 12 18.60556	04 40 37.21	+19 49 31.0		894
1994 CA	1994 02 06.72352	09 20 49.84	+29 47 26.8		893	(462)	1993 12 18.61944	04 40 36.47	+19 49 31.2		894
1994 CA	1994 02 07.69826	09 18 59.84	+29 39 12.9		893	(556)	1994 01 04.61181	07 14 29.52	+22 25 37.0		894
1994 CA	1994 02 07.70521	09 18 59.05	+29 39 09.1		893	(556)	1994 01 04.62361	07 14 28.67	+22 25 36.2		894
1994 CA	1994 02 07.71215	09 18 58.27	+29 39 05.4		893	(556)	1994 01 09.72083	07 08 49.93	+22 19 28.4		894
1994 CA	1994 02 07.71910	09 18 57.49	+29 39 01.5		893	(556)	1994 01 09.73264	07 08 49.17	+22 19 27.5		894
894 Otomo						(808)	1994 02 02.64063	09 12 50.03	+10 14 49.7		894
S. Otomo, Kiyosato 3545-3902, Takane-cho, Kitakoma-gun, Yamanashi-Ken,						(808)	1994 02 02.65243	09 12 49.37	+10 14 53.8		894
407-03, Japan						(808)	1994 02 03.65590	09 11 56.99	+10 20 24.0		894
0.25-m <i>f</i> /3.4 reflector						(808)	1994 02 03.66910	09 11 56.25	+10 20 27.5		894
PPM						(1341)	1994 01 09.72083	07 08 21.23	+22 11 55.4		894
1976 SG ₂	1994 01 19.73928	08 54 01.38	+07 56 48.0	16.7	894	(1341)	1994 01 09.73264	07 08 20.52	+22 11 59.4		894
1976 SG ₂	1994 01 19.75174	08 54 00.68	+07 56 53.8		894	(1553)	1993 12 09.58848	04 51 53.41	+19 32 08.6		894
1976 SG ₂	1994 01 21.70694	08 52 04.74	+08 07 02.0	16.6	894	(1553)	1993 12 18.60556	04 43 37.79	+19 28 11.7		894
1976 SG ₂	1994 01 21.71944	08 52 04.08	+08 07 05.2		894	(1574)	1993 12 18.61944	04 43 36.98	+19 28 10.7		894
1988 XU ₁	1993 12 04.53925	04 12 59.48	+16 01 37.0	16.5	894	(1574)	1993 12 08.72431	04 54 30.80	+19 36 30.6		894
1988 XU ₁	1993 12 04.55104	04 12 58.87	+16 01 34.4		894	(1574)	1993 12 08.73675	04 54 30.20	+19 36 27.1		894
1991 JH ₁	1994 01 09.77187	08 31 47.01	+16 42 34.2	17.3	894	(1574)	1993 12 09.58848	04 53 49.77	+19 32 43.0		894
1991 JH ₁	1994 01 09.78438	08 31 46.27	+16 42 38.1		894	(1574)	1993 12 18.60556	04 46 52.33	+18 53 49.0		894
1991 JH ₁	1994 01 19.68791	08 21 45.70	+17 25 37.5		894	(1615)	1993 12 18.61944	04 46 51.62	+18 53 45.9		894
1991 JH ₁	1994 02 02.53299	08 06 43.85	+18 29 47.1		894	(1615)	1994 02 02.66354	09 28 52.91	+14 10 59.4		894
1991 JH ₁	1994 02 02.54618	08 06 42.97	+18 29 49.2		894	(1615)	1994 02 02.67465	09 28 52.30	+14 11 01.0		894
1991 JH ₁	1994 02 05.60625	08 03 33.38	+18 43 26.2		894	(1615)	1994 02 07.65006	09 24 46.20	+14 32 57.6		894
1992 PW ₁	1994 01 09.64314	07 23 22.13	+19 32 35.8	17.0	894	(1634)	1994 02 07.66389	09 24 45.42	+14 33 01.7		894
1992 PW ₁	1994 01 09.65556	07 23 21.26	+19 32 35.7		894	(1634)	1993 12 18.60556	04 39 57.89	+19 12 53.5		894
1992 PY ₂	1994 01 09.72083	07 14 13.10	+22 12 05.0	15.8	894	(1702)	1993 12 18.61944	04 39 57.03	+19 12 53.3		894
							1994 01 04.61181	07 15 07.86	+22 49 37.5		894

(1702)	1994 01 04.62361	07 15 07.18	+22 49 40.6	894
(1702)	1994 01 09.72083	07 10 14.08	+23 12 18.4	894
(1702)	1994 01 09.73264	07 10 13.42	+23 12 21.3	894
(1762)	1994 01 19.68791	08 18 51.97	+17 21 48.1	894
(1762)	1994 02 05.60625	08 04 06.69	+18 20 34.9	894
(2802)	1994 01 09.77187	08 34 51.12	+16 30 14.9	894
(2802)	1994 01 09.78438	08 34 50.61	+16 30 18.3	894
(2925)	1994 01 14.63750	08 25 46.07	+14 41 25.9	894
(2925)	1994 01 14.65142	08 25 45.29	+14 41 28.1	894
(3121)	1994 01 09.64314	07 23 14.49	+18 52 02.8	894
(3121)	1994 01 09.65556	07 23 13.66	+18 52 06.8	894
(3633)	1994 02 03.65590	09 26 20.51	+08 32 26.8	894
(3633)	1994 02 03.66915	09 26 19.64	+08 32 29.8	894
(3724)	1994 01 21.70694	08 54 10.08	+09 34 50.1	894
(3724)	1994 01 21.71944	08 54 09.39	+09 34 50.3	894
(3989)	1993 11 18.57813	02 35 47.80	+22 48 05.1	894
(3989)	1993 11 18.59132	02 35 47.07	+22 48 02.4	894
(4382)	1994 01 09.64314	07 21 24.33	+19 57 10.6	894
(4382)	1994 01 09.65556	07 21 23.62	+19 57 14.8	894
(4500)	1993 12 04.53925	04 09 44.07	+16 32 13.6	894
(4500)	1993 12 04.55104	04 09 43.39	+16 32 12.2	894
(4850)	1993 12 09.58848	04 53 00.76	+19 50 35.2	894
(4850)	1993 12 18.60556	04 44 52.67	+19 36 13.5	17.5 894
(4850)	1993 12 18.61944	04 44 51.84	+19 36 13.1	894
(5829)	1994 01 04.55938	06 34 53.48	+33 26 32.1	17.3 894
(5829)	1994 01 04.57257	06 34 52.43	+33 26 30.7	894
(5829)	1994 01 09.56076	06 28 39.38	+33 18 29.8	894
(5829)	1994 01 09.57396	06 28 38.27	+33 18 27.9	894

896 Yatsugatake South Base Observatory

O. Muramatsu, 119-1, 2-8 Sakurazutsumi, Musashino, Tokyo 180, Japan

Observer Y. Kushida

Measurer O. Muramatsu

0.25-m $f/3.4$ reflector

GSC

1984 DR	1994 01 08.76667	08 11 09.66	+14 55 15.9	16.5	896
1984 DR	1994 01 08.79792	08 11 07.79	+14 55 28.4		896
1984 DR	1994 01 09.55104	08 10 24.73	+15 00 15.0		896
1984 DR	1994 01 09.58021	08 10 22.88	+15 00 28.9		896
1989 NK ₁	1994 01 07.69167	07 55 50.83	+18 24 56.2	13	t 896
1989 NK ₁	1994 01 07.72083	07 55 48.67	+18 25 11.5		t 896
1994 AB ₁	1994 01 14.58715	07 47 28.90	+31 13 43.8		896
1994 AB ₁	1994 01 14.61771	07 47 27.09	+31 13 48.6		896
1994 AB ₁	1994 01 19.74514	07 43 36.11	+31 21 26.4	16.5	896
1994 AB ₁	1994 01 19.76597	07 43 35.27	+31 21 26.0		896
1994 AB ₂	1994 01 19.77639	07 57 31.60	+19 37 15.1	17.0	896
1994 AZ ₂	1994 01 19.78715	08 44 53.79	+12 34 56.6	16.5	896
1994 AZ ₂	1994 01 19.80764	08 44 52.56	+12 34 52.7		896
1994 CJ	* 1994 02 01.50625	09 17 59.03	+20 26 09.2	16.5	896
1994 CJ	1994 02 01.52708	09 17 57.66	+20 26 14.8		896
1994 CJ	1994 02 02.51111	09 16 54.25	+20 30 40.0		896
1994 CJ	1994 02 02.54306	09 16 52.00	+20 30 49.7		896
1994 CK	* 1994 02 01.51632	09 21 40.85	+23 34 27.2	16.5	896

1994 CK	1994 02 01.53715	09 21 39.92	+23 34 37.2		896
1994 CK	1994 02 02.52118	09 20 51.19	+23 41 59.8		896
1994 CK	1994 02 02.55313	09 20 49.50	+23 42 13.7		896
1994 CC ₁	* 1994 02 05.72726	09 43 13.05	-00 21 35.6	16.5	S 896
1994 CC ₁	1994 02 05.76007	09 43 11.19	-00 21 39.9		896
1994 CC ₁	1994 02 07.63229	09 41 25.63	-00 25 33.2		896
1994 CC ₁	1994 02 07.66285	09 41 23.70	-00 25 35.8		896

898 Fujieda

T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan

Observer H. Shiozawa

Measurer T. Urata

0.25-m $f/3.4$ hyperboloid astrocamera

GSC

1988 SC	1994 02 02.60982	09 34 53.68	+31 25 12.4	16.5	898
1988 SC	1994 02 02.62557	09 34 52.55	+31 25 12.6		898
1994 AR ₁	1994 01 21.74802	08 03 22.52	+09 38 44.6	17.5	898
1994 AR ₁	1994 01 21.76491	08 03 21.50	+09 38 41.8		898
1994 AR ₁	1994 01 22.75131	08 02 15.87	+09 35 55.2	16.8	898
1994 AR ₁	1994 01 22.76914	08 02 14.56	+09 35 54.2		898
1994 AT ₁	1994 01 21.79374	09 32 07.87	+36 16 23.1	16.3	898
1994 AT ₁	1994 01 21.81143	09 32 06.83	+36 16 29.6		898
1994 AV ₁	1994 01 21.78333	08 30 56.00	+18 37 34.9	16.8	898
1994 AV ₁	1994 01 21.80262	08 30 54.64	+18 37 33.7		898
1994 AL ₃	* 1994 01 08.62222	08 20 09.81	+08 42 52.5	17	898
1994 AL ₃	1994 01 08.64869	08 20 08.41	+08 42 59.1		898
1994 AL ₃	1994 01 16.57030	08 12 33.94	+09 09 17.4	17	p 898
1994 AL ₃	1994 01 16.58717	08 12 33.07	+09 09 17.0		p 898
1994 AL ₃	1994 01 21.74802	08 07 20.25	+09 31 54.4	17	898
1994 AL ₃	1994 01 21.76491	08 07 19.09	+09 32 00.5		898
1994 AL ₃	1994 01 22.75131	08 06 19.49	+09 36 45.8	17	898
1994 AL ₃	1994 01 22.76879	08 06 18.32	+09 36 48.9		898
1994 AM ₃	* 1994 01 08.74055	08 41 30.78	+30 02 07.0	17	898
1994 AM ₃	1994 01 08.75903	08 41 29.44	+30 02 12.2		898
1994 AM ₃	1994 01 21.75656	08 26 21.29	+30 43 39.2	16	898
1994 AM ₃	1994 01 21.77349	08 26 20.07	+30 43 39.4		898
1994 AM ₃	1994 01 22.75999	08 25 05.52	+30 45 36.9	16	898
1994 AM ₃	1994 01 22.77745	08 25 04.12	+30 45 38.3		898
1994 BY	1994 01 21.75656	08 28 31.61	+29 30 03.6	17	p 898
1994 BY	* 1994 01 22.75999	08 27 21.18	+29 34 22.6	16.8	898
1994 BY	1994 01 22.77745	08 27 20.15	+29 34 26.3		898
1994 BL ₄	* 1994 01 21.75656	08 25 44.92	+29 44 00.5	16.8	898
1994 BL ₄	1994 01 21.77349	08 25 43.66	+29 43 56.8		898
1994 BL ₄	1994 01 22.75999	08 24 32.15	+29 40 08.9	17	898
1994 BL ₄	1994 01 22.77745	08 24 30.71	+29 40 04.9		898
1994 CA	* 1994 02 02.60982	09 28 38.87	+30 19 01.2	16	898
1994 CA	1994 02 02.62557	09 28 36.96	+30 18 55.0		898
1994 CN	* 1994 02 02.60982	09 27 49.33	+30 27 38.4	17.5	898
1994 CN	1994 02 02.62557	09 27 48.38	+30 27 41.8		898

900 Kiryuu Observatory, Ohtsu

Y. Ikari, Katsube 626, Moriyama, Shiga-Ken 524, Japan

0.26-m $f/2.9$ reflector + CCD
GSC

1989 NK ₁	1994 01 09.55113	07 53 41.18	+18 42 37.6	14.5	V	900
1989 NK ₁	1994 01 09.55674	07 53 40.74	+18 42 38.5			900
1994 AP ₁	1994 02 07.59761	08 20 58.67	+24 29 36.3	15	V	900
1994 AP ₁	1994 02 07.61511	08 20 57.52	+24 29 28.5			900
1994 AR ₁	1994 02 07.54977	07 46 30.66	+09 09 01.4	16.5	V	900
1994 AR ₁	1994 02 07.57026	07 46 29.67	+09 09 00.1			900
1994 CA	1994 02 06.54605	09 21 10.60	+29 48 55.8	16	V	900
1994 CA	1994 02 06.57091	09 21 07.66	+29 48 44.7			900

905 Nachi-Katsuura Observatory

T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan

Observer Y. Shimizu

Measurer T. Urata

0.30-m $f/3.8$ hyperboloid astrocamera
GSC

1991 DD	1993 10 19.56128	01 08 53.43	+06 13 25.0	17		905
1991 DD	1993 10 19.57645	01 08 52.52	+06 13 19.3			905
1991 DM ₁	1993 12 18.55055	05 46 23.45	+04 11 40.0	16.8		905
1991 DM ₁	1993 12 18.56464	05 46 22.60	+04 11 40.2			905
1991 DN ₁	1993 10 19.59213	01 18 54.75	+05 23 39.1	17		905
1991 DN ₁	1993 10 19.59965	01 18 54.33	+05 23 37.0			905

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Periodic Comet Schwassmann-Wachmann 1

Epoch 1989 Nov. 10.0 TT = JDT 2447840.5

T	1989 Oct. 26.72231 TT		Goffin	
q	5.7717727	(2000.0)	P	Q
n	0.06637084	ω 49.86991	+0.99139234	-0.05372836
a	6.0415888	Ω 312.84812	-0.01238742	+0.86933174
e	0.0446598	i 9.37214	+0.13033720	+0.49129989
P	14.85			

From 1056 right ascensions and 1061 declinations at 62 oppositions 1902–1994, mean residual 1''.0.

Comet Spacewatch (1992h)

Epoch 1993 Sept. 10.0 TT = JDT 2449240.5

T	1993 Sept. 5.54809 TT		Nakano	
q	3.0070066	(2000.0)	P	Q
z	+0.0000104	ω 83.40095	-0.32727227	+0.88654495
	± 0.0000023	Ω 203.32385	+0.10375380	+0.37768239
e	0.9999688	i 124.31858	+0.93921670	+0.26719669

From 170 observations 1992 May 1–1994 Feb. 3, mean residual 0''.73.

Periodic Comet Kushida-Muramatsu (1993t)

T	1993 Dec. 9.21737 TT		Nakano	
q	2.7454907	(2000.0)	P	Q
n	0.13316713	ω 348.06393	+0.14294625	-0.98887115
a	3.7978518	Ω 93.70750	+0.91142543	+0.11528103
e	0.2770938	i 2.36815	+0.38583682	+0.09404327
P	7.40			

From 138 observations 1993 Dec. 8–1994 Feb. 7.

Periodic Comet Kushida (1994a)

T	1993 Dec. 12.84284 TT		Nakano	
q	1.3673573	(2000.0)	P	Q
n	0.13350950	ω 214.45075	-0.17932092	-0.98152910
a	3.7913563	Ω 245.95975	+0.91824129	-0.14266580
e	0.6393488	i 4.18632	+0.35309621	-0.12746406
P	7.38			

From 121 observations 1994 Jan. 9–Feb. 9.

Comet Mueller (1993a)

Epoch 1994 Jan. 8.0 TT = JDT 2449360.5

T	1994 Jan. 12.89634 TT		Marsden	
q	1.9374964	(2000.0)	P	Q
z	-0.0009877	ω 130.66431	+0.78247338	+0.40404280
	± 0.0000024	Ω 144.72234	-0.26793532	-0.46838430
e	1.0019137	i 124.87775	+0.56209080	-0.78572614

From 472 observations 1993 Jan. 2–1994 Jan. 2, mean residual 0''.89.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus A = 21

Epoch 1994 May 8.0 TT = JDT 2449480.5

T	1994 Mar. 23.50362 TT		Marsden	
q	5.3808461	(2000.0)	P	Q
n	0.05479325	ω 354.84531	-0.81502238	+0.57542442
a	6.8651706	Ω 220.53340	-0.52780626	-0.78570729
e	0.2162109	i 6.00684	-0.23907966	-0.22704798
P	17.99			

From 10 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0''.3.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus C = 19

Epoch 1994 May 8.0 TT = JDT 2449480.5

T	1994 Mar. 23.91618 TT		Marsden	
q	5.3807877	(2000.0)	P	Q
n	0.05490648	ω 354.83844	-0.81469602	+0.57590674
a	6.8557288	Ω 220.57270	-0.52823503	-0.78529546
e	0.2151399	i 5.98672	-0.23924493	-0.22724978
P	17.95			

From 13 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0''.7.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus B = 20

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 24.22043 TT				P	Q
<i>q</i>	5.3807549	(2000.0)			
<i>n</i>	0.05486061	ω	354.87562	-0.81441748	+0.57629573
<i>a</i>	6.8595504	Ω	220.56323	-0.52861868	-0.78506684
<i>e</i>	0.2155820	<i>i</i>	5.99152	-0.23934590	-0.22705350
<i>P</i>	17.97				

From 12 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".5.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus D = 18

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 24.48756 TT				P	Q
<i>q</i>	5.3806352	(2000.0)			
<i>n</i>	0.05495613	ω	354.86296	-0.81420644	+0.57660911
<i>a</i>	6.8515989	Ω	220.59680	-0.52889088	-0.78478624
<i>e</i>	0.2146891	<i>i</i>	5.97593	-0.23946254	-0.22722785
<i>P</i>	17.93				

From 10 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".4.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus E = 17

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 25.10849 TT				P	Q
<i>q</i>	5.3804313	(2000.0)			
<i>n</i>	0.05498841	ω	354.89988	-0.81366894	+0.57737563
<i>a</i>	6.8489179	Ω	220.61324	-0.52961470	-0.78424698
<i>e</i>	0.2144115	<i>i</i>	5.96767	-0.23968963	-0.22714326
<i>P</i>	17.92				

From 78 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".6.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus F = 16

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 25.59319 TT				P	Q
<i>q</i>	5.3804608	(2000.0)			
<i>n</i>	0.05508356	ω	354.90177	-0.81327738	+0.57794522
<i>a</i>	6.8410285	Ω	220.65013	-0.53013025	-0.78378577
<i>e</i>	0.2135012	<i>i</i>	5.94944	-0.23987877	-0.22728659
<i>P</i>	17.89				

From 19 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".4.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus G = 15

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 26.07827 TT				P	Q
<i>q</i>	5.3802766	(2000.0)			
<i>n</i>	0.05514978	ω	354.91393	-0.81286537	+0.57853632
<i>a</i>	6.8355507	Ω	220.67873	-0.53067515	-0.78333868
<i>e</i>	0.2128979	<i>i</i>	5.93705	-0.24007035	-0.22732409
<i>P</i>	17.87				

From 92 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".5.

Comet Mueller (1993p)

Epoch 1994 Mar. 29.0 TT = JDT 2449440.5

<i>T</i>		Marsden			
1994 Mar. 26.27956 TT				P	Q
<i>q</i>	0.9672731	(2000.0)			
<i>z</i>	-0.0002889	ω	261.03308	+0.21241025	-0.94967964
	± 0.0000084	Ω	193.78895	+0.18537895	-0.19213250
<i>e</i>	1.0002794	<i>i</i>	105.02606	-0.95943553	-0.24737359

From 359 observations 1993 Aug. 16–1994 Jan. 15, mean residual 0".87.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus H = 14

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 26.90727 TT				P	Q
<i>q</i>	5.3800920	(2000.0)			
<i>n</i>	0.05526846	ω	354.93386	-0.81217174	+0.57953231
<i>a</i>	6.8257620	Ω	220.72735	-0.53159164	-0.78257312
<i>e</i>	0.2117961	<i>i</i>	5.91396	-0.24039006	-0.22742386
<i>P</i>	17.83				

From 89 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".6.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus K = 12

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 27.79605 TT				P	Q
<i>q</i>	5.3799284	(2000.0)			
<i>n</i>	0.05541512	ω	354.94617	-0.81143342	+0.58059220
<i>a</i>	6.8137134	Ω	220.78786	-0.53255993	-0.78174159
<i>e</i>	0.2104264	<i>i</i>	5.88642	-0.24073995	-0.22758028
<i>P</i>	17.79				

From 95 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".6.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus L = 11

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 28.64652 TT				P	Q
<i>q</i>	5.3797625	(2000.0)			
<i>n</i>	0.05552946	ω	354.96766	-0.81071945	+0.58161018
<i>a</i>	6.8043570	Ω	220.83667	-0.53349807	-0.78096191
<i>e</i>	0.2093650	<i>i</i>	5.86418	-0.24106799	-0.22765782
<i>P</i>	17.75				

From 94 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".6.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus P = 8

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i>		Marsden			
1994 Mar. 29.19122 TT				P	Q
<i>q</i>	5.3796180	(2000.0)			
<i>n</i>	0.05565858	ω	354.96261	-0.81028113	+0.58224339
<i>a</i>	6.7938296	Ω	220.88480	-0.53406545	-0.78042970
<i>e</i>	0.2081612	<i>i</i>	5.84104	-0.24128530	-0.22786424
<i>P</i>	17.71				

From 19 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0".5.

Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus Q = 7

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Mar. 30.04682 TT		Marsden			
<i>q</i>	5.3795542	(2000.0)	P	Q	
<i>n</i>	0.05572778	ω 354.99572	-0.80954816	+0.58327636	
<i>a</i>	6.7882040	Ω 220.92366	-0.53502797	-0.77966998	
<i>e</i>	0.2075144	<i>i</i> 5.82544	-0.24161301	-0.22782321	
<i>P</i>	17.69				

From 100 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0^u.5.**Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus T = 4**

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Mar. 30.43147 TT		Marsden			
<i>q</i>	5.3799909	(2000.0)	P	Q	
<i>n</i>	0.05592257	ω 354.93917	-0.80929039	+0.58366576	
<i>a</i>	6.7724315	Ω 221.00534	-0.53533445	-0.77924167	
<i>e</i>	0.2056042	<i>i</i> 5.79130	-0.24179763	-0.22829083	
<i>P</i>	17.62				

From 13 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0^u.5.**Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus R = 6**

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Mar. 30.55736 TT		Marsden			
<i>q</i>	5.3793965	(2000.0)	P	Q	
<i>n</i>	0.05583153	ω 354.99499	-0.80912687	+0.58387808	
<i>a</i>	6.7797916	Ω 220.96567	-0.53557160	-0.77918004	
<i>e</i>	0.2065543	<i>i</i> 5.80703	-0.24181970	-0.22795802	
<i>P</i>	17.65				

From 47 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0^u.5.**Comet McNaught-Russell (1993v)**

Epoch 1994 Mar. 29.0 TT = JDT 2449440.5

<i>T</i> 1994 Mar. 31.09900 TT		Marsden			
<i>q</i>	0.8676091	(2000.0)	P	Q	
<i>z</i>	+0.0073244	ω 353.47369	-0.94883458	-0.25604406	
	± 0.0002192	Ω 166.35785	+0.31338101	-0.83543899	
<i>e</i>	0.9936453	<i>i</i> 51.58801	+0.03879795	+0.48629531	

From 25 observations 1993 Dec. 17–1994 Jan. 23, mean residual 0^u.53.**Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus S = 5**

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Mar. 31.32926 TT		Marsden			
<i>q</i>	5.3792643	(2000.0)	P	Q	
<i>n</i>	0.05591974	ω 355.01789	-0.80847362	+0.58479900	
<i>a</i>	6.7726604	Ω 221.00674	-0.53642358	-0.77848089	
<i>e</i>	0.2057384	<i>i</i> 5.78927	-0.24211598	-0.22798603	
<i>P</i>	17.63				

From 96 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0^u.6.**Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus V = 2**

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Mar. 31.90112 TT		Marsden			
<i>q</i>	5.3792595	(2000.0)	P	Q	
<i>n</i>	0.05604124	ω 355.00981	-0.80801015	+0.58545994	
<i>a</i>	6.7628679	Ω 221.06008	-0.53701534	-0.77793018	
<i>e</i>	0.2045890	<i>i</i> 5.76695	-0.24235123	-0.22816942	
<i>P</i>	17.59				

From 6 observations 1993 Mar. 27–1994 Jan. 27, mean residual 0^u.2.**Periodic Comet Shoemaker-Levy 9 (1993e) Nucleus W = 1**

Epoch 1994 May 8.0 TT = JDT 2449480.5

<i>T</i> 1994 Apr. 1.54425 TT		Marsden			
<i>q</i>	5.3790297	(2000.0)	P	Q	
<i>n</i>	0.05606813	ω 355.04886	-0.80744428	+0.58624675	
<i>a</i>	6.7607052	Ω 221.07635	-0.53775912	-0.77737143	
<i>e</i>	0.2043685	<i>i</i> 5.75991	-0.24258784	-0.22805351	
<i>P</i>	17.58				

From 78 observations 1993 Mar. 27–1994 Jan. 22, mean residual 0^u.7.**Periodic Comet Mueller 5 (1993s)***T* 1994 Sept. 12.16410 TT

<i>T</i> 1994 Sept. 12.16410 TT		Nakano			
<i>q</i>	4.2508879	(2000.0)	P	Q	
<i>n</i>	0.07148182	ω 30.01227	-0.63155992	-0.72352651	
<i>a</i>	5.7500592	Ω 100.66008	+0.64293423	-0.68958341	
<i>e</i>	0.2607228	<i>i</i> 16.47132	+0.43332164	-0.03137062	
<i>P</i>	13.79				

From 53 observations 1993 Nov. 20–1994 Feb. 3.

One-opposition minor planets

Planet	<i>H</i>	Epoch	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	Arc	O	N	C
1991 CU ₂	13.3	910305	342.56	179.76	8.01	2.45	0.1414	2.3995	36	0	E	
1991 CW ₂	12.6	910305	67.58	79.18	14.01	8.02	0.1310	2.4867	32	9	E	
1991 EC	13.3	910305	21.73	131.06	1.88	8.08	0.2312	2.9048	20	0	E	
1991 ER	13.9	910325	25.21	342.58	165.19	7.61	0.0827	2.4973	25	9	E	
1991 EM ₃	14.4	910305	303.26	14.99	224.51	1.56	0.1010	2.2247	4	0	E	
1991 EN ₃	13.1	910305	3.05	178.15	351.43	7.58	0.1229	3.0562	4	0	E	
1991 EO ₄	14.6	910325	332.44	256.51	317.56	1.52	0.1277	2.2630	5	0	E	
1991 FO ₁	12.5	910325	78.63	93.80	356.25	1.49	0.0224	2.8674	9	0	E	
1991 FD ₂	14.7	910325	351.05	172.41	13.77	2.50	0.1620	2.3359	12	0	E	
1991 FJ ₂	13.9	910325	352.85	356.10	186.82	3.00	0.0919	2.2443	10	0	E	
1991 FL ₂	12.6	910325	122.86	53.92	347.72	10.71	0.0798	2.8150	14	0	E	
1991 FN ₂	12.7	910325	57.76	305.52	158.92	4.11	0.1147	3.0064	16	0	E	
1991 FO ₂	13.5	910325	52.49	306.92	163.30	1.75	0.1287	2.4859	13	0	E	
1991 FT ₂	14.6	910325	63.04	96.01	10.42	3.81	0.0668	2.2035	13	0	E	
1991 FM ₃	13.8	910325	58.82	96.00	1.23	0.94	0.1613	2.4030	14	0	E	
1991 FU ₃	14.5	910305	328.59	189.74	16.41	4.66	0.0815	2.1883	14	8	W	
1993 BX ₂	13.0	930202	358.70	175.12	321.58	12.23	0.1805	2.5956	24	0	N	
1993 DF ₂	14.0	930222	308.96	69.07	151.34	4.68	0.0603	2.2502	31	0	W	
1993 FC ₄	14.0	930314	68.97	280.15	151.90	5.75	0.2470	2.7217	4	4	E	W
1993 RZ ₅	13.6	930910	301.10	229.50	200.51	2.80	0.1024	2.4604	4	8	N	
1993 RJ ₆	15.2	930910	359.98	4.42	353.84	7.87	0.2624	2.5296	4	8	N	
1993 SO ₃	12.5	930930	23.73	324.82	26.67	13.49	0.0609	3.1299	21	0	W	
1993 SP ₃	15.0	930930	350.82	211.53	178.89	3.72	0.1941	2.3149	31	0	W	
1993 SQ ₃	13.5	930930	355.11	324.06	62.75	2.40	0.1940	3.2070	28	0	W	
1993 SA ₄	13.5	930930	12.18	173.41	178.29	8.58	0.1830	2.7159	28	0	W	
1993 TA ₁	11.0	930930	56.37	260.03	49.82	3.65	0.1331	3.8500	6	0	E	W

1993 TC ₁	14.0	930930	353.39	345.08	40.82	5.24	0.1635	2.2307	11	0	W	1993 TM ₁₆	13.0	930930	49.56	234.06	88.52	2.45	0.0433	3.2368	11	9	W	
1993 TA ₃	14.0	930930	55.43	158.43	147.48	3.99	0.1619	2.3130	11	0	W	1993 TN ₁₆	16.0	930930	326.88	348.85	70.23	2.76	0.1634	2.3369	11	9	W	
1993 TA ₁₂	11.4	931020	151.15	358.65	223.67	15.60	0.2000	3.0683	2	6	E	1993 TP ₁₆	16.0	930930	348.70	353.88	40.89	4.71	0.3079	2.5474	11	9	W	
1993 TT ₁₂	14.5	930930	49.03	240.85	68.45	4.14	0.1787	2.3401	7	6	W	1993 TQ ₁₆	15.0	930930	15.64	324.36	23.20	17.68	0.2360	2.5146	11	0	W	
1993 TV ₁₂	14.0	930930	307.53	40.79	43.81	9.44	0.1423	2.7876	11	0	W	1993 TR ₁₆	15.5	930930	318.56	257.08	173.90	4.73	0.1735	2.2995	11	9	W	
1993 TW ₁₂	14.5	930930	321.29	16.42	48.28	6.79	0.1154	2.3126	11	0	W	1993 TS ₁₆	14.0	930930	321.98	260.02	158.78	2.64	0.0672	2.7973	11	9	W	
1993 TL ₁₃	14.0	930930	56.84	251.90	49.47	8.64	0.1847	2.4043	6	6	W	1993 TT ₁₆	14.5	930930	332.46	242.99	166.36	5.27	0.1133	2.7308	11	9	W	
1993 TW ₁₃	13.0	930930	214.65	337.34	191.93	15.46	0.1535	2.7421	11	9	E	1993 TU ₁₆	14.0	930930	357.04	328.33	51.59	2.39	0.1699	3.1704	11	9	W	
1993 TX ₁₃	15.5	930930	351.61	235.76	149.83	1.91	0.1992	2.4761	11	9	W	1993 TW ₁₆	13.5	930930	77.39	131.89	148.09	2.97	0.1630	2.9871	11	9	W	
1993 TZ ₁₃	14.0	930930	354.91	195.86	186.07	10.37	0.2157	3.0926	11	9	W	1993 TX ₁₆	14.5	930930	357.69	354.41	25.16	2.14	0.2237	3.2054	11	9	E	W
1993 TB ₁₄	16.0	930930	16.30	303.62	43.76	2.06	0.2108	2.3432	11	9	W	1993 TY ₁₆	15.0	930930	46.95	284.19	32.29	6.83	0.1187	2.2869	11	9	W	
1993 TC ₁₄	17.0	930930	350.88	220.90	166.28	0.09	0.2375	2.1611	11	9	W	1993 TZ ₁₆	15.0	930930	12.22	179.15	180.04	4.75	0.1326	2.6995	11	9	W	
1993 TG ₁₄	15.5	930930	319.51	242.56	181.09	5.20	0.1166	2.2996	11	9	W	1993 TA ₁₇	15.0	930930	3.79	185.75	182.53	7.18	0.2254	2.7619	11	9	W	
1993 TH ₁₄	13.0	930930	132.69	68.06	158.53	3.73	0.2246	2.5900	11	9	W	1993 TB ₁₇	16.5	930930	12.85	179.02	172.30	2.50	0.2557	2.4276	11	9	W	
1993 TJ ₁₄	13.5	930930	61.68	269.88	23.70	11.19	0.1752	2.8192	11	9	W	1993 TD ₁₇	14.0	930930	17.08	270.80	87.59	1.77	0.0176	2.7802	11	9	W	
1993 TK ₁₄	15.5	930930	19.81	215.59	125.88	1.39	0.2244	2.4570	11	9	W	1993 TE ₁₇	16.5	930930	355.88	188.63	191.23	9.67	0.2288	2.2491	11	9	W	
1993 TL ₁₄	16.0	930930	11.21	182.87	169.49	3.37	0.2708	2.5098	11	9	W	1993 TF ₁₇	14.5	930930	75.10	82.09	191.95	12.11	0.2311	2.3797	11	9	W	
1993 TM ₁₄	16.5	930930	341.63	3.80	37.75	0.70	0.2198	2.1854	11	9	W	1993 TG ₁₇	13.5	930930	128.48	213.74	33.06	3.50	0.0195	3.0475	11	9	E	W
1993 TP ₁₄	15.0	930930	47.68	111.82	197.63	6.18	0.1734	2.2716	11	9	W	1993 TH ₁₇	16.0	930930	15.45	316.75	30.71	5.35	0.2612	2.7094	11	9	W	
1993 TQ ₁₄	14.0	930930	43.30	287.77	27.69	9.54	0.1727	3.1634	11	9	W	1993 TJ ₁₇	15.0	930930	49.15	280.38	33.16	6.43	0.1272	2.3912	11	9	W	
1993 TR ₁₄	15.5	930930	18.19	327.41	22.80	8.43	0.1274	2.4159	11	9	W	1993 TK ₁₇	13.0	930930	33.21	313.35	24.81	22.42	0.0640	3.2543	11	9	W	
1993 TT ₁₄	14.5	930930	9.88	318.19	43.84	3.16	0.1032	2.6555	11	9	W	1993 TL ₁₇	13.5	930930	203.68	354.67	182.14	8.44	0.0946	2.7339	11	9	W	
1993 TV ₁₄	16.0	930930	344.92	12.33	24.23	1.38	0.2007	2.4526	11	9	W	1993 TM ₁₇	15.0	930930	11.58	176.07	184.32	2.96	0.1248	2.5200	11	9	W	
1993 TW ₁₄	14.0	930930	89.72	77.81	193.50	4.65	0.1293	2.8126	11	9	E	1993 TN ₁₇	15.0	930930	88.49	217.04	59.34	3.41	0.0860	2.1529	11	9	W	
1993 TX ₁₄	14.0	930930	12.17	214.31	143.85	1.48	0.1556	3.1875	11	9	W	1993 TO ₁₇	14.5	930930	325.15	25.44	31.71	3.30	0.0894	2.6006	11	9	W	
1993 TZ ₁₄	14.0	930930	73.07	265.43	20.82	17.47	0.1368	2.7217	11	9	W	1993 TQ ₁₇	14.5	930930	11.23	188.25	173.87	5.15	0.0912	2.7440	11	9	W	
1993 TA ₁₅	15.0	930930	267.55	90.04	30.08	5.58	0.1194	2.2111	11	9	W	1993 TT ₁₇	16.0	930930	2.51	343.31	27.09	1.82	0.2122	2.4177	11	9	W	
1993 TB ₁₅	14.5	930930	346.54	207.16	188.32	10.49	0.2141	3.0128	11	9	W	1993 TU ₁₇	13.0	930930	268.77	63.79	53.54	5.64	0.0864	3.2100	11	8	W	
1993 TC ₁₅	14.5	930930	8.08	186.05	178.93	4.37	0.0941	2.7981	11	9	W	1993 TV ₁₇	14.0	930930	337.13	18.18	32.95	10.47	0.2242	3.1146	11	9	W	
1993 TD ₁₅	15.5	930930	319.46	248.42	181.42	5.13	0.1777	2.3033	11	9	W	1993 TW ₁₇	15.0	930930	331.72	229.05	192.40	13.09	0.2490	2.6614	31	0	W	
1993 TE ₁₅	13.5	930930	304.73	54.17	22.61	12.23	0.0605	3.0571	11	9	E	1993 TY ₁₇	15.5	930930	332.06	250.61	159.78	3.59	0.1279	2.3359	11	9	W	
1993 TF ₁₅	13.5	930930	43.76	131.09	193.71	18.15	0.0855	3.1809	11	9	E	1993 TA ₁₈	15.0	930930	340.94	12.07	24.87	4.79	0.0531	2.3846	11	9	W	
1993 TG ₁₅	15.5	930930	62.08	271.23	23.11	5.50	0.1619	2.1838	11	9	W	1993 TB ₁₈	15.0	930930	298.22	286.29	162.21	1.78	0.1054	2.3058	11	9	W	
1993 TH ₁₅	14.5	930930	351.01	175.73	214.98	0.59	0.2609	3.1242	11	9	W	1993 TC ₁₈	16.0	930930	17.09	222.30	124.06	1.50	0.2277	2.3676	11	9	W	
1993 TJ ₁₅	14.5	930930	357.52	353.27	24.47	3.35	0.1739	2.5499	11	0	W	1993 TD ₁₈	13.5	930930	294.24	60.18	28.11	10.39	0.0559	2.9376	11	9	W	
1993 TK ₁₅	13.5	930930	101.64	198.95	68.24	3.43	0.0566	2.9396	11	9	W	1993 TE ₁₈	15.0	930930	328.50	27.96	34.02	3.17	0.2031	2.5452	11	9	W	
1993 TL ₁₅	15.0	930930	310.83	30.10	48.32	2.31	0.1515	2.4977	11	9	W	1993 TF ₁₈	13.5	930930	301.72	264.71	186.01	4.80	0.1438	3.1727	11	9	W	
1993 TM ₁₅	14.5	930930	356.79	183.28	196.01	2.07	0.0942	2.7447	11	8	E	1993 TG ₁₈	12.5	930930	240.55	109.64	39.76	5.20	0.1366	3.1956	11	9	W	
1993 TP ₁₅	13.5	930930	58.34	175.41	125.69	2.16	0.1492	3.0656	11	9	W	1993 TH ₁₈	14.0	930930	45.50	263.13	63.89	3.22	0.0430	2.7343	11	9	W	
1993 TQ ₁₅	15.0	930930	15.94	333.03	20.92	8.61	0.1299	2.5901	11	9	W	1993 TI ₁₈	14.5	930930	119.19	219.09	28.18	2.70	0.1121	2.4059	11	9	W	
1993 TR ₁₅	14.5	930930	307.19	49.69	26.54	8.92	0.0896	2.5447	11	9	W	1993 TJ ₁₈	14.0	930930	30.96	213.12	122.62	1.65	0.1428	3.0625	11	9	W	
1993 TS ₁₅	15.0	930930	1.67	218.26	152.89	2.31	0.2092	2.6546	11	9	W	1993 TK ₁₈	13.5	930930	332.04	230.67	179.93	8.35	0.1029	3.0182	11	9	W	
1993 TU ₁₅	13.0	930930	265.28	289.91	198.32	1.59	0.1516	3.0655	11	9	E	1993 TL ₁₈	15.5	930930	36.34	279.10	45.80	2.13	0.1706	2.3227	11	9	W	
1993 TV ₁₅	15.5	930930	20.49	315.08	26.58	4.12	0.2233	2.5786	11	9	W	1993 TM ₁₈	16.0	930930	330.75	13.74	41.77	1.41	0.1669	2.2804	11	9	W	
1993 TW ₁₅	14.5	930930	353.67	191.14	193.34	11.08	0.1760	3.0586	11	9	W	1993 TN ₁₈	16.0	930930	28.51	135.51	186.09	5.25	0.3019	2.2936	11	9	W	
1993 TX ₁₅	15.0	930930	293.69	28.02	64.46	2.31	0.1078	2.2710	11	9	W	1993 TO ₁₈	14.5	930930	342.21	216.44	182.68	7.96	0.1332	2.7060	11	9	W	
1993 TY ₁₅	14.0	930930	102.02	236.78	24.36	12.47	0.1141	2.6609	11	9	W	1993 TP ₁₈	14.5	930930	4.83	309.61	59.33	3.10	0.1550	2.7673	11	9	W	
1993 TZ ₁₅	14.5	930930	7.50	212.12	152.64	1.20	0.1644	3.0310	11	9	W	1993 TQ ₁₈	15.5	930930	41.37	121.27	194.47	4.95	0.2012	2.3136	11	9	W	
1993 TA ₁₆	14.0	930930	321.15	319.63	110.07	2.01	0.1798	3.2199	11	9	W	1993 TR ₁₈	14.5	930930	74.73	229.36	52.27	3.86	0.1707	2.3933	11	9	W	
1993 TB ₁₆	14.5	930930	16.59	311.54	38.24	1.93	0.2092	3.1553	11	9	W	1993 TS ₁₈	14.5	930930	341.65	350.32	48.34	4.01	0.0986	2.7710	11	9	W	
1993 TC ₁₆	14.5	930930	327.23	260.49	168.23	3.97	0.2555	3.0628	11	9	W	1												

1993 TX ₁₉	15.5	930930	331.69	233.66	180.40	2.32	0.1574	2.3153	11	9	W	1993 TJ ₂₄	15.5	930930	349.39	266.18	123.10	2.26	0.1181	2.1810	11	9	W
1993 TY ₁₉	15.5	930930	56.69	260.28	39.99	5.31	0.1728	2.2501	11	9	W	1993 TK ₂₄	14.5	930930	47.16	284.97	27.95	13.43	0.1793	2.6247	11	9	W
1993 TZ ₁₉	16.0	930930	1.18	313.00	59.50	3.39	0.2072	2.4235	11	9	W	1993 TL ₂₄	13.5	930930	335.73	19.51	29.38	15.81	0.1167	3.1154	11	9	W
1993 TA ₂₀	15.0	930930	350.41	288.89	98.26	2.71	0.0853	2.4978	11	9	W	1993 TM ₂₄	14.5	930930	338.10	352.78	56.33	4.75	0.1829	2.8911	11	9	W
1993 TC ₂₀	14.0	930930	61.64	269.68	39.21	4.32	0.0648	2.7794	11	9	W	1993 TN ₂₄	12.0	930930	179.07	77.16	124.21	1.84	0.2074	3.1373	11	9	W
1993 TD ₂₀	14.5	930930	32.37	273.10	65.91	3.26	0.0757	2.6429	11	9	W	1993 TO ₂₄	13.5	930930	229.76	57.15	100.48	3.04	0.1070	2.6666	11	9	W
1993 TE ₂₀	15.0	930930	46.99	206.19	108.38	1.88	0.1562	2.6114	11	9	W	1993 TP ₂₄	14.5	930930	117.45	81.14	167.52	4.53	0.1245	2.1906	11	9	W
1993 TG ₂₀	16.0	930930	18.80	286.25	58.42	2.65	0.2197	2.2928	11	9	W	1993 TS ₂₄	14.0	930930	38.13	150.17	180.00	8.72	0.1304	3.0989	11	9	W
1993 TH ₂₀	13.5	930930	27.55	299.58	46.97	5.94	0.0559	3.0997	11	9	W	1993 TU ₂₄	13.5	930930	154.29	169.99	49.76	7.66	0.0922	2.5469	11	9	W
1993 TJ ₂₀	13.5	930930	92.65	243.82	29.77	14.78	0.0934	2.7161	11	9	W	1993 TV ₂₄	16.5	930930	14.83	193.88	156.46	2.31	0.2381	2.2204	11	9	W
1993 TK ₂₀	14.0	930930	1.78	343.69	29.93	14.63	0.1756	3.1248	11	9	W	1993 TX ₂₄	15.5	930930	8.11	181.13	182.64	4.93	0.2275	2.6833	11	9	W
1993 TM ₂₀	15.5	930930	49.17	236.11	72.41	2.19	0.1782	2.2168	11	9	W	1993 TZ ₂₄	14.5	930930	336.58	8.43	40.91	9.62	0.1635	2.7102	11	9	W
1993 TN ₂₀	15.5	930930	5.46	339.27	28.86	7.70	0.1394	2.3340	11	9	W	1993 TA ₂₅	14.0	930930	336.77	243.76	167.00	5.68	0.1635	3.1400	11	9	W
1993 TO ₂₀	13.5	930930	27.46	176.70	165.30	4.55	0.1303	3.1541	11	0	W	1993 TB ₂₅	12.5	930930	163.66	112.70	99.22	3.75	0.1616	3.0599	11	9	W
1993 TP ₂₀	14.5	930930	30.45	148.28	186.80	6.32	0.1660	2.8525	11	0	W	1993 TC ₂₅	15.0	930930	316.78	328.37	107.14	3.48	0.1707	2.4343	11	9	W
1993 TQ ₂₀	16.0	930930	0.24	184.84	189.95	7.15	0.1901	2.3461	11	0	W	1993 TD ₂₅	14.5	930930	56.04	244.32	60.77	3.80	0.1591	2.5504	11	9	W
1993 TR ₂₀	15.0	930930	15.86	157.46	192.68	15.44	0.2328	2.6926	11	0	W	1993 TE ₂₅	13.5	930930	3.18	242.96	132.61	3.76	0.0427	3.0937	11	9	W
1993 TS ₂₀	14.5	930930	91.08	125.92	146.86	2.20	0.1146	2.2839	11	9	W	1993 TJ ₂₅	14.0	930930	357.06	346.58	35.37	13.52	0.1255	3.1215	11	9	W
1993 TT ₂₀	13.5	930930	95.37	233.78	33.33	13.09	0.1321	2.7927	11	9	W	1993 TK ₂₅	14.5	930930	48.62	141.30	179.25	3.26	0.1078	2.7936	31	0	W
1993 TU ₂₀	14.0	930930	210.66	147.01	28.03	9.29	0.1581	2.3068	11	9	W	1993 TL ₂₅	14.0	930930	132.63	128.11	110.34	3.25	0.1003	2.5268	11	9	W
1993 TV ₂₀	16.0	930930	25.06	311.33	22.45	21.23	0.2362	2.2265	4	0	W	1993 TM ₂₅	14.5	930930	312.44	312.79	144.38	3.96	0.2987	2.7724	11	9	W
1993 TW ₂₀	15.5	930930	32.77	201.85	124.98	2.03	0.2054	2.4015	11	0	W	1993 TN ₂₅	15.5	930930	359.45	258.91	118.89	2.49	0.1654	2.5533	11	9	W
1993 TJ ₂₁	13.0	930930	117.89	227.41	26.82	15.02	0.0685	3.1511	11	0	W	1993 TO ₂₅	15.0	930930	36.80	266.52	58.99	2.67	0.1844	2.5022	11	9	W
1993 TK ₂₁	15.5	930930	348.69	359.62	30.94	7.29	0.1189	2.3312	11	0	W	1993 TP ₂₅	14.5	930930	17.62	311.58	44.29	6.43	0.1180	2.7954	11	9	W
1993 TM ₂₁	15.5	930930	338.58	19.82	32.00	6.21	0.2546	2.5211	11	0	W	1993 TR ₂₅	15.0	930930	306.51	357.36	87.26	3.60	0.1373	2.3873	11	9	W
1993 TQ ₂₁	14.0	930930	27.15	158.18	185.58	5.68	0.1290	2.9670	11	0	W	1993 TS ₂₅	16.0	930930	351.06	244.54	145.46	1.66	0.2015	2.3618	11	9	W
1993 TJ ₂₂	13.5	930930	80.54	234.05	37.51	9.75	0.2214	2.9080	11	9	W	1993 TT ₂₅	15.0	930930	258.00	83.07	41.48	6.78	0.0418	2.2824	11	9	W
1993 TK ₂₂	15.0	930930	298.39	60.37	39.64	3.28	0.1931	2.4619	11	0	W	1993 TU ₂₅	14.0	930930	332.42	0.70	47.93	5.64	0.0392	2.7350	11	9	W
1993 TM ₂₂	13.5	930930	197.31	359.36	184.03	10.68	0.0744	2.8301	11	8	W	1993 TV ₂₅	15.5	930930	345.35	331.24	66.37	2.43	0.1733	2.3643	11	9	W
1993 TS ₂₂	14.0	930930	321.77	31.76	31.85	10.49	0.0990	2.9677	11	9	W	1993 TX ₂₅	15.5	930930	314.70	259.18	173.36	6.04	0.1139	2.2191	11	9	W
1993 TT ₂₂	14.5	930930	61.92	114.30	186.88	5.97	0.1279	2.3268	11	9	W	1993 TA ₂₆	16.0	930930	350.82	343.59	47.23	2.68	0.1924	2.4727	11	9	W
1993 TU ₂₂	13.5	930930	125.16	40.21	195.39	11.19	0.2331	2.5370	11	9	W	1993 TB ₂₆	14.5	930930	328.76	348.07	75.48	3.50	0.1874	2.9879	11	9	W
1993 TV ₂₂	14.5	930930	59.82	128.98	182.92	10.33	0.0571	2.6541	11	9	W	1993 TC ₂₆	16.0	930930	322.48	357.37	74.91	3.77	0.2104	2.4014	11	9	W
1993 TW ₂₂	15.5	930930	9.16	170.90	191.50	14.80	0.2065	2.7463	31	0	W	1993 TD ₂₆	15.0	930930	28.18	148.94	192.80	13.08	0.1309	2.4874	11	9	W
1993 TX ₂₂	16.0	930930	332.40	358.09	53.89	3.50	0.1384	2.3027	11	9	W	1993 TE ₂₆	14.5	930930	328.34	299.73	123.51	3.64	0.1838	2.8308	11	9	W
1993 TY ₂₂	13.5	930930	38.63	144.72	186.28	8.74	0.1082	3.0071	11	9	W	1993 TF ₂₆	13.0	930930	279.71	70.76	36.84	10.26	0.0670	2.9980	11	9	W
1993 TZ ₂₂	15.0	930930	353.81	211.64	173.64	4.64	0.1438	2.6896	11	9	W	1993 TG ₂₆	13.5	930930	94.92	217.46	65.25	4.97	0.0111	2.6989	11	9	W
1993 TB ₂₃	12.5	930930	124.00	73.89	166.35	3.12	0.1862	3.1495	11	9	W	1993 TH ₂₆	14.0	930930	243.98	324.10	178.81	9.03	0.0751	2.6689	11	9	W
1993 TC ₂₃	12.5	930930	113.03	58.76	186.85	7.09	0.2287	3.1561	11	9	W	1993 TI ₂₆	16.5	930930	357.47	333.07	46.31	6.41	0.2638	2.4079	11	9	W
1993 TD ₂₃	13.0	930930	189.60	14.49	179.34	3.21	0.2582	2.5984	11	9	W	1993 TJ ₂₆	15.0	930930	348.47	204.58	193.70	15.75	0.2576	3.0135	11	9	W
1993 TE ₂₃	15.0	930930	74.43	245.15	44.83	5.73	0.1114	2.4375	11	9	W	1993 TK ₂₆	13.0	930930	158.55	172.84	42.51	8.19	0.1917	2.7635	11	9	W
1993 TH ₂₃	15.0	930930	260.90	26.34	95.21	2.33	0.0506	2.2090	11	9	W	1993 TL ₂₆	15.0	930930	13.38	307.30	45.85	6.02	0.2832	3.1127	11	9	W
1993 TJ ₂₃	15.5	930930	38.56	216.61	104.25	2.42	0.1928	2.4000	11	9	W	1993 TM ₂₆	14.0	930930	171.42	57.92	148.51	2.96	0.1239	2.3846	11	9	W
1993 TK ₂₃	14.5	930930	317.85	50.70	34.13	13.17	0.2628	3.0951	11	9	W	1993 TN ₂₆	15.0	930930	50.04	139.76	167.41	2.32	0.2056	2.4277	31	0	W
1993 TM ₂₃	15.0	930930	303.86	274.60	171.19	5.82	0.1287	2.2704	11	9	W	1993 TO ₂₆	15.0	930930	317.00	333.48	102.12	3.43	0.1614	2.6272	11	9	W
1993 TN ₂₃	15.5	930930	15.35	185.72	169.38	2.16	0.1679	2.5470	11	9	W	1993 TP ₂₆	14.5	930930	122.34	70.27	175.91	4.24	0.1219	2.2924	11	9	W
1993 TO ₂₃	15.0	930930	73.91	237.36	49.28	3.73	0.1426	2.2295	11	9	W	1993 TQ ₂₆	13.5	930930	25.01	164.12	183.17	9.18	0.1288	3.0520	11	9	W
1993 TP ₂₃	15.5	930930	18.44	270.34	78.05	2.81	0.1913	2.4491	11	9	W	1993 TR ₂₆	15.0	930930	53.07	226.70	75.60	4.10	0.2105	2.4407	11	9	W
1993 TQ ₂₃	15.0	930930	289.30	350.21	105.83	1.81	0.0772	2.2070	11	9	W	1993 TS ₂₆	15.5	930930	23.53	188.82	154.36	2.77	0.1867	2.4720	11	9	W
1993 TS ₂₃	14.5	930930	23.15	156.92	187.42	13.00	0.1746	2.7840	11	9	W	1993 TT ₂₆	15.5	930930	359.81	331.58	45.59	5.43	0.2192	2.5863	11	9	W
1993 TT ₂₃	16.5	930930	1.50	332.41	40.07	4.90	0.1944	2.2202	11	9	W												

1993 TM ₂₇	13.5	930930	61.33	103.13	189.45	14.80	0.2367	3.1577	11	9	W	1994 AP ₂	12.5	940108	33.13	290.65	148.19	23.05	0.2107	2.3706	7	0	N
1993 TO ₂₇	14.5	930930	9.19	258.93	105.93	2.17	0.2087	3.1244	11	9	W	1994 AS ₂	13.0	940108	111.70	358.49	343.77	2.50	0.2824	2.3667	5	9	E W
1993 TP ₂₇	14.0	930930	252.75	48.16	97.21	3.51	0.1825	2.5530	11	9	W	1994 AY ₂	13.2	940128	7.12	178.81	294.03	6.06	0.1136	2.7078	27	0	N
1993 TQ ₂₇	12.5	930930	173.42	153.12	52.75	8.51	0.1125	3.1231	11	9	W	1994 AD ₃	15.0	940108	18.57	312.29	112.05	3.82	0.2208	2.3589	25	0	W
1993 TR ₂₇	17.0	930930	358.26	293.38	84.54	2.55	0.2603	2.2592	11	9	W	1994 AE ₃	16.0	940108	285.20	226.23	332.67	2.41	0.1126	2.3515	15	0	W
1993 TS ₂₇	14.5	930930	296.49	58.65	33.42	16.82	0.0937	2.6146	11	9	W	1994 AH ₃	12.8	940108	322.17	259.32	267.16	4.40	0.0513	2.3924	9	8	N
1993 TT ₂₇	15.5	930930	47.03	133.49	179.73	5.72	0.1797	2.2351	11	9	W	1994 AJ ₃	12.0	940108	331.28	313.81	161.95	4.41	0.1244	3.9142	26	0	W
1993 TU ₂₇	15.0	930930	8.71	234.64	128.65	2.30	0.2490	2.8883	11	9	W	1994 AL ₃	13.6	940128	19.69	273.59	188.03	6.36	0.0545	2.3366	30	0	N
1993 TV ₂₇	14.0	930930	306.93	338.78	97.97	2.53	0.0394	2.7122	11	9	W	1994 AM ₃	13.3	940128	321.22	166.24	2.70	6.77	0.0857	2.2194	30	0	N
1993 TW ₂₇	14.0	930930	88.71	209.91	65.51	5.75	0.1334	2.5889	11	9	W	1994 AA ₄	15.0	940108	0.89	14.11	97.02	5.14	0.2264	2.4115	17	0	W
1993 TX ₂₇	14.5	930930	274.66	299.38	177.28	5.36	0.1070	2.2945	11	9	W	1994 AT ₄	16.0	940108	273.06	264.44	311.01	2.37	0.1224	2.5931	13	9	E W
1993 TZ ₂₇	14.5	930930	295.95	296.16	168.36	4.79	0.1894	2.5278	11	9	W	1994 AX ₄	14.5	940108	109.38	260.79	90.64	2.49	0.1524	3.0905	13	8	W
1993 TA ₂₈	15.0	930930	298.78	55.02	39.09	11.13	0.1350	2.4592	11	9	W	1994 AZ ₄	14.0	940108	285.68	108.73	97.00	3.01	0.1363	2.9244	13	9	W
1993 TC ₂₈	15.0	930930	5.71	318.29	53.37	4.25	0.1354	2.7495	11	9	W	1994 AA ₅	17.0	940108	8.03	161.81	302.66	6.39	0.1277	2.7357	12	9	W
1993 TD ₂₈	13.5	930930	36.53	165.69	172.28	3.69	0.0873	3.0739	11	9	W	1994 AB ₅	16.5	940108	337.51	77.17	64.50	1.24	0.0854	2.5668	13	9	W
1993 TE ₂₈	14.5	930930	332.17	322.40	99.27	3.61	0.2109	3.0948	11	9	W	1994 AD ₅	15.5	940108	174.10	253.42	48.55	1.22	0.0475	2.9821	14	9	W
1993 TH ₂₈	14.5	930930	352.38	203.47	186.66	9.84	0.1942	2.7307	11	9	W	1994 AF ₅	15.0	940108	291.45	271.18	294.47	10.29	0.2030	2.6470	6	0	W
1993 TJ ₂₈	14.5	930930	20.78	314.32	34.67	14.61	0.1663	2.7018	11	9	W	1994 AH ₅	16.0	940108	18.72	146.69	304.79	1.99	0.1054	3.0561	12	0	W
1993 TK ₂₈	15.0	930930	48.25	244.72	60.53	3.12	0.2406	2.3562	11	9	W	1994 AK ₅	16.0	940108	300.28	85.55	104.35	2.54	0.1402	3.1225	12	0	W
1993 TL ₂₈	14.0	930930	312.93	314.27	123.02	2.34	0.1035	2.9852	11	9	W	1994 AP ₅	15.0	940108	167.01	258.45	48.16	0.76	0.1100	3.0691	12	9	W
1993 TM ₂₈	16.0	930930	24.26	295.07	46.49	3.75	0.1905	2.2399	11	9	W	1994 AQ ₅	15.0	940108	264.56	216.16	14.79	0.90	0.1712	3.0704	12	9	W
1993 TN ₂₈	16.0	930930	352.99	233.69	153.66	3.62	0.1728	2.3500	11	9	W	1994 AR ₅	16.5	940108	268.38	140.48	82.56	1.52	0.1427	2.3750	14	0	W
1993 TO ₂₈	14.5	930930	25.81	312.17	34.86	8.68	0.1107	2.5229	11	9	W	1994 AV ₅	15.0	940108	20.86	144.76	299.10	5.71	0.1874	2.5267	6	9	W
1993 TP ₂₈	15.0	930930	6.50	321.03	48.33	4.42	0.1699	2.6098	11	9	W	1994 AW ₅	17.0	940108	89.82	23.44	337.68	0.91	0.2177	2.2980	11	0	W
1993 TQ ₂₈	15.5	930930	24.57	201.44	141.38	3.44	0.1824	2.5382	11	9	W	1994 AY ₅	16.0	940108	60.23	102.31	298.16	11.09	0.1364	2.5168	6	9	W
1993 TR ₂₈	14.0	930930	305.43	288.41	152.22	3.63	0.0581	2.7178	11	9	W	1994 AA ₆	16.0	940108	60.62	42.84	351.86	0.89	0.1847	2.4413	11	9	W
1993 TU ₂₈	14.0	930930	51.46	182.91	137.25	2.62	0.0934	2.7848	11	9	W	1994 AH ₆	14.0	940108	105.88	58.34	290.63	6.13	0.1694	2.2405	5	9	W
1993 TV ₂₈	14.0	930930	37.74	242.90	93.38	3.22	0.0669	2.8733	11	9	W	1994 AU ₆	13.5	940108	156.63	186.65	123.29	2.50	0.1571	3.1351	5	9	W
1993 TW ₂₈	16.5	930930	331.71	19.66	44.64	7.80	0.2670	2.3337	11	9	W	1994 AX ₆	15.0	940108	220.06	120.72	144.88	0.60	0.2156	2.3930	5	9	E W
1993 TX ₂₈	15.5	930930	354.88	313.99	67.67	3.03	0.2295	2.2947	9	8	W	1994 AY ₆	17.0	940108	12.08	339.80	115.42	3.21	0.1666	2.6974	10	9	W
1993 UU	12.7	931109	16.87	322.39	59.17	7.85	0.1983	2.2621	45	9	N	1994 AA ₇	17.0	940108	314.83	58.96	112.40	4.37	0.1506	2.2315	11	8	W
1993 UG ₁	15.0	930930	342.14	212.09	192.24	13.55	0.1882	2.4997	11	9	W	1994 AC ₇	14.0	940108	58.64	285.55	113.61	8.51	0.1570	3.1504	10	9	W
1993 VP ₂	12.9	931129	51.05	120.86	232.13	22.58	0.1842	2.7781	49	0	N	1994 AE ₇	16.0	940108	244.95	127.55	112.57	3.66	0.1126	2.3814	10	9	W
1993 WA	13.0	931219	24.06	167.76	207.02	21.09	0.0674	3.1462	74	0	W	1994 AG ₇	17.0	940108	52.24	291.26	107.76	1.94	0.2139	2.4012	10	9	W
1993 XB	13.5	931219	83.44	131.39	206.56	6.99	0.1385	3.0801	58	0	W	1994 AH ₇	16.0	940108	271.52	96.72	114.22	7.44	0.0630	2.8932	10	9	W
1993 XY	15.5	931219	255.73	11.52	188.22	4.96	0.1667	2.3247	50	0	W	1994 AM ₇	15.5	940108	110.28	234.19	114.58	13.46	0.1652	2.5969	11	0	W
1993 XU ₁	13.0	931219	356.79	220.10	233.89	23.34	0.2596	2.3187	30	7	W	1994 AP ₇	14.5	940108	62.15	292.38	109.73	3.35	0.1065	2.8912	10	8	W
1993 XQ ₂	12.0	931219	12.83	313.79	128.41	13.62	0.1439	2.6596	33	7	W	1994 AS ₇	18.0	940108	47.82	310.99	109.90	5.29	0.0675	2.2770	11	8	W
1993 XU ₂	12.0	931219	46.47	153.53	238.18	11.15	0.2108	2.6374	33	8	W	1994 AA ₈	16.5	940108	43.00	315.77	108.32	8.27	0.1541	2.6646	10	9	W
1993 XW ₂	11.5	931219	84.00	225.50	129.38	13.72	0.1880	2.6853	33	8	W	1994 AB ₈	16.5	940108	336.58	117.06	32.21	1.75	0.1141	2.4029	9	9	W
1993 YK	14.0	931219	356.83	14.79	90.04	8.18	0.2026	2.4666	23	0	D W	1994 AC ₈	15.0	940108	269.96	128.06	96.79	4.36	0.1249	2.2323	9	9	W
1993 YO	13.5	940108	266.85	80.31	95.94	15.87	0.0300	3.1856	44	0	W	1994 AH ₈	16.0	940108	343.13	357.28	137.11	2.22	0.0757	3.2437	10	8	W
1993 YR	14.4	940108	22.03	195.97	216.25	11.70	0.3208	2.6171	46	0	N	1994 AO ₈	15.5	940108	44.89	292.76	119.73	9.44	0.1804	2.8535	10	9	W
1993 YN ₂	15.5	931219	347.71	209.76	254.10	2.71	0.1839	2.3708	26	6	W	1994 AT ₈	16.5	940108	174.76	177.96	121.19	6.28	0.2388	2.2551	11	0	W
1994 AU	14.6	940108	18.15	45.29	36.06	2.43	0.1805	2.3074	5	0	E	1994 AV ₈	17.5	940108	65.49	270.57	122.28	5.15	0.1508	2.4130	11	0	W
1994 AY	14.5	940108	40.47	179.07	238.68	1.57	0.1743	2.3554	9	8	W	1994 AY ₈	16.5	940108	27.40	319.76	126.31	3.39	0.0506	2.7595	10	9	E W
1994 AK ₁	14.0	940108	311.31	230.68	294.29	27.80	0.1175	1.9032	25	0	W	1994 AA ₉	13.0	940108	140.84	202.71	127.25	3.46	0.0963	2.8795	10	9	W
1994 AL ₁	15.4	940108	325.51	53.54	101.32	28.67	0.1665	1.8854	22	0	N	1994 AB ₉	17.5	940108	40.72	294.00	122.12	2.89	0.2001	2.3773	13	0	W
1994 AM ₁	14.5	940108	55.01	119.33	273.61	5.84	0.1254	2.3524	34	0	M	1994 AC ₉	14.5	940108	155.01	182.62	129.55	2.88	0.3009	2.8677	10	9	W
1994 AO ₁	13.2	940108	11.47	176.56	287.33	11.44	0.1149	2.4700	7	0	N	1994 AD ₉	17.0	940108	213.18	151.63	120.34	6.09	0.1559	2.4111	13	0	W
1994 AP ₁	12.4	940108	340.62	192.37	316.98	19.42	0.2116	2.9883	30	8	N	1994 AE ₉	15.5	940108	173.86	13.33	287.75	1.71	0.2364	2.3796	13	9	W

1994 AF ₁₀	13.5	940108	160.72	266.38	54.67	2.85	0.0740	2.8569	8	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 AG ₁₀	16.0	940108	300.21	191.98	3.81	2.48	0.1365	2.3225	8	9	W	(26) Proserpina	Obs.	163	M	169.33020	ω	194.62175				
1994 AH ₁₀	16.0	940108	122.24	28.50	325.25	8.05	0.0935	2.9762	8	9	W	H 7.5 G 0.15	Opp.	40	n	0.22761355	Ω	46.05432				
1994 AK ₁₀	14.5	940108	70.68	350.32	40.57	2.88	0.1979	2.9909	8	8	W	rms res. 0".79 (M-C)		1879-1993	e	0.0866388	i	3.56306				
1994 AL ₁₀	15.5	940108	297.11	103.26	97.85	5.67	0.1483	2.2673	9	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 AN ₁₀	16.0	940108	184.41	199.84	101.46	6.92	0.2147	2.1802	8	8	W	(29) Amphitrite	Obs.	707	M	223.16671	ω	63.71798				
1994 AP ₁₀	14.0	940108	32.53	336.25	109.56	10.81	0.1112	3.4356	8	9	W	H 5.85 G 0.20	Opp.	54	n	0.24150032	Ω	356.60329				
1994 AQ ₁₀	16.0	940108	109.98	342.95	24.17	3.09	0.0713	2.6123	8	9	W	rms res. 0".58 (M-C)		1868-1992	e	0.0728795	i	6.10757				
1994 AR ₁₀	15.0	940108	53.45	51.79	356.54	3.48	0.2010	2.5498	8	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 AV ₁₀	15.0	940108	54.86	68.91	342.21	4.18	0.1585	2.2646	8	9	W	(80) Sappho	Obs.	820	M	11.02831	ω	139.25948				
1994 AX ₁₀	16.0	940108	61.13	47.68	358.13	3.48	0.1497	2.3436	8	9	W	H 7.98 G 0.15	Opp.	71	n	0.28332996	Ω	218.95172				
1994 AY ₁₀	15.0	940108	221.82	232.29	45.21	3.15	0.2216	2.2538	8	9	W	rms res. 0".98 (M-V)		1864-1993	e	0.2005147	i	8.66749				
1994 AZ ₁₀	15.0	940108	220.85	223.94	53.53	3.77	0.1764	2.5716	8	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 AA ₁₁	16.0	940108	92.22	344.00	38.47	3.44	0.1025	2.6708	8	9	W	(112) Iphigenia	Obs.	128	M	201.19448	ω	16.43028				
1994 AD ₁₁	12.0	940108	76.14	60.43	324.98	12.14	0.2172	2.8559	28	0	N	H 9.84 G 0.15	Opp.	43	n	0.25957610	Ω	324.03573				
1994 AE ₁₁	14.0	940108	46.87	347.03	77.60	4.72	0.1476	2.4761	8	9	W	rms res. 1".04 (M-C)		1870-1993	e	0.1291186	i	2.61034				
1994 AE ₁₂	16.0	940108	33.47	334.86	101.79	2.46	0.0810	2.7694	6	0	E W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 AF ₁₂	16.0	940108	261.74	119.04	103.65	2.78	0.0842	2.2040	7	9	W	(199) Byblis	Obs.	39	M	104.71370	ω	176.84430				
1994 AG ₁₂	17.0	940108	261.86	115.28	108.94	4.69	0.0963	2.2022	6	9	W	H 8.3 G 0.15	Opp.	16	n	0.17291227	Ω	89.48954				
1994 AT ₁₂	15.0	940108	212.49	180.49	99.84	6.31	0.1720	2.7409	6	9	W	rms res. 0".92 (M-C)		1884-1993	e	0.1613399	i	15.31441				
1994 AB ₁₃	13.5	940108	128.10	279.83	69.86	4.01	0.1111	3.8524	8	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 AC ₁₃	17.0	940108	310.88	143.95	45.32	2.56	0.1813	2.3640	8	8	W	(399) Persephone	Obs.	102	M	190.73244	ω	184.65673				
1994 AG ₁₃	15.5	940108	181.48	223.98	81.09	4.74	0.1698	2.5479	6	9	W	H 9.0 G 0.15	Opp.	28	n	0.18477880	Ω	346.97260				
1994 AT ₁₃	13.5	940108	274.69	156.02	89.29	3.87	0.2534	2.9076	2	9	E W	rms res. 0".99 (M-C)		1895-1991	e	0.0732191	i	13.13981				
1994 AV ₁₃	16.0	940108	15.98	8.54	91.11	3.20	0.2350	2.5350	2	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 AX ₁₃	16.0	940108	179.56	302.58	7.90	3.07	0.0933	2.4349	2	9	E W	(554) Peraga	Obs.	405	M	166.70153	ω	127.41628				
1994 AZ ₁₃	15.0	940108	110.66	251.52	111.70	7.37	0.1900	2.8179	2	9	E W	H 8.97 G 0.15	Opp.	49	n	0.26923076	Ω	295.79224				
1994 AA ₁₄	18.0	940108	354.83	169.38	325.14	5.66	0.3415	2.6266	5	0	W	rms res. 0".97 (M-C)		1896-1993	e	0.1530268	i	2.94042				
1994 AB ₁₄	16.5	940108	21.17	13.50	83.47	3.13	0.1771	2.5196	2	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 AC ₁₄	15.5	940108	37.90	333.19	99.25	4.63	0.2166	2.7728	2	9	W	(564) Dudu	Obs.	19	M	134.45563	ω	215.08443				
1994 AE ₁₄	15.5	940108	353.83	162.97	336.29	7.04	0.0651	3.1944	5	9	E W	H 10.43 G 0.15	Opp.	12	n	0.21609227	Ω	71.02674				
1994 AF ₁₄	15.5	940108	24.88	89.86	4.19	2.80	0.1338	2.2455	2	9	E W	rms res. 1".02 (M-V)		1914-1991	e	0.2741956	i	17.96919				
1994 AD ₁₅	16.5	940108	57.46	75.87	328.07	1.99	0.1330	2.5925	5	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 AG ₁₅	17.0	940108	29.77	101.50	326.90	1.83	0.2199	2.2866	5	9	W	(577) Rhea	Obs.	73	M	72.93682	ω	332.68364				
1994 AK ₁₅	12.2	940128	89.25	69.98	313.80	8.64	0.1389	2.5991	21	6	N	H 9.5 G 0.15	Opp.	26	n	0.17872708	Ω	329.14713				
1994 BB	23.0	940108	3.60	336.05	122.64	1.14	0.4252	2.0219	3	0	M	rms res. 0".89 (M-C)		1912-1993	e	0.1452386	i	5.30504				
1994 BC	13.5	940128	140.35	138.85	201.51	3.78	0.1209	2.4575	22	0	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 BE	14.0	940128	225.75	73.05	185.87	6.87	0.0437	2.9672	19	0	W	(580) Selene	Obs.	71	M	108.92259	ω	321.05322				
1994 BL	14.0	940108	25.15	143.91	312.59	1.91	0.1410	2.4144	6	8	W	H 9.6 G 0.15	Opp.	24	n	0.16950672	Ω	99.56156				
1994 BM	13.5	940108	65.26	102.24	317.07	6.47	0.0648	2.3813	15	0	W	rms res. 0".92 (M-C)		1905-1993	e	0.0819720	i	3.64346				
1994 BT	13.5	940108	345.86	145.81	5.31	9.36	0.0819	2.7355	6	9	W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Goffin								
1994 BY	14.2	940128	343.92	108.29	36.01	5.17	0.1095	2.2243	17	9	N	(593) Titania	Obs.	47	M	345.12090	ω	29.63497				
1994 BE ₂	15.5	940108	127.84	57.22	283.00	0.86	0.0995	2.7178	3	9	E W	H 9.28 G 0.06	Opp.	25	n	0.22230849	Ω	76.41125				
1994 BG ₂	17.0	940108	11.93	335.92	120.86	3.16	0.1948	2.5407	3	9	E W	rms res. 1".06 (M-C)		1906-1993	e	0.2162288	i	16.93783				
1994 BH ₂	16.5	940108	180.03	359.28	297.49	7.64	0.2039	2.4583	3	0	E W	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell								
1994 BL ₂	16.5	940108	177.52	6.89	291.43	1.56	0.1342	2.4080	3	0	W	(593) Titania	Obs.	47	M	345.12090	ω	29.63497				
1994 BM ₂	18.0	940108	354.64	187.94	293.76	2.36	0.1307	2.2818	2	9	E W	H 9.6 G 0.15	Opp.	24	n	0.16950672	Ω	99.56156				
1994 BN ₄	14.0	940128	164.80	70.05	254.21	5.70	0.1521	2.3040	7	0	W	rms res. 0".92 (M-C)		1905-1993	e	0.0819720	i	3.64346				
1994 BS ₄	12.9	940128	195.45	228.75	73.81	2.48	0.0097	2.2636	17	0	N	Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Williams								
1994 CB	21.0	940128	266.64	288.44	310.78	18.17	0.1448	1.1482	5	0	M	(593) Titania	Obs.	47	M	345.12090	ω	29.63497				
1994 CC	17.0	940128	254.28	11.85	284.02	7.14	0.6989	1.7728	2	8	M	H 9.28 G 0.06	Opp.	25	n	0.22230849	Ω	76.41125				
1994 CN	12.6	940217	89.89	351.29	47.55	9.91	0.0727	2.9784	7	8	N	rms res. 1".06 (M-C)		1906-1993	e	0.2162288	i	16.93783				
1993 YK = 1994 AF ₁ (G. V. Williams)																						

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(649) Josefa Obs. 24 *M* 87.83075 ω 348.59517
H 12.4 *G* 0.15 Opp. 9 *n* 0.24231706 Ω 357.42355
 rms res. 0".89 (M-C) 1907–1991 *e* 0.2751565 *i* 12.65948

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(652) Jubilatrix Obs. 39 *M* 85.46170 ω 276.49189
H 11.4 *G* 0.15 Opp. 12 *n* 0.24145951 Ω 86.43106
 rms res. 0".84 (M-C) 1909–1992 *e* 0.1267279 *i* 15.78039

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(703) Noëmi Obs. 77 *M* 344.91075 ω 174.34353
H 12.1 *G* 0.15 Opp. 16 *n* 0.30729919 Ω 214.02620
 rms res. 0".92 (M-C) 1923–1992 *e* 0.1381878 *i* 2.45416

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(720) Bohlinia Obs. 100 *M* 154.31963 ω 107.48145
H 9.71 *G* 0.15 Opp. 33 *n* 0.20102592 Ω 36.05843
 rms res. 0".90 (M-C) 1899–1993 *e* 0.0191915 *i* 2.36688

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(849) Ara Obs. 80 *M* 74.43624 ω 63.65724
H 8.10 *G* 0.15 Opp. 32 *n* 0.17493061 Ω 228.72638
 rms res. 0".86 (M-C) 1919–1993 *e* 0.1855416 *i* 19.45231

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(954) Li Obs. 108 *M* 21.02584 ω 151.57289
H 9.94 *G* 0.15 Opp. 24 *n* 0.17671610 Ω 163.50124
 rms res. 0".81 (M-C) 1930–1992 *e* 0.1570956 *i* 1.15955

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(979) Ilsewa Obs. 101 *M* 246.73578 ω 106.87826
H 9.8 *G* 0.15 Opp. 18 *n* 0.17526153 Ω 231.90652
 rms res. 0".78 (M-C) 1922–1991 *e* 0.1382563 *i* 10.05143

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(994) Otthild Obs. 38 *M* 63.72491 ω 341.38902
H 10.30 *G* 0.15 Opp. 16 *n* 0.24494627 Ω 2.67098
 rms res. 0".86 (M-C) 1936–1993 *e* 0.1160342 *i* 15.37332

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1013) Tombecka Obs. 48 *M* 327.72174 ω 98.18928
H 10.12 *G* 0.15 Opp. 15 *n* 0.22414995 Ω 27.87007
 rms res. 0".87 (M-C) 1905–1993 *e* 0.2090946 *i* 11.88811

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1131) Porzia Obs. 26 *M* 137.61925 ω 247.67706
H 13.0 *G* 0.15 Opp. 7 *n* 0.29641140 Ω 100.89653
 rms res. 0".91 (M-V) 1929–1991 *e* 0.2868366 *i* 3.23078

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1176) Lucidor Obs. 69 *M* 107.55389 ω 154.67356
H 10.9 *G* 0.15 Opp. 16 *n* 0.22295733 Ω 272.67490
 rms res. 0".94 (M-C) 1927–1991 *e* 0.1422430 *i* 6.64252

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1222) Tina Obs. 55 *M* 59.09650 ω 58.99425
H 11.2 *G* 0.15 Opp. 13 *n* 0.21097180 Ω 246.24985
 rms res. 0".83 (M-C) 1932–1993 *e* 0.2475377 *i* 19.64555

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1444) Pannonia Obs. 16 *M* 225.75592 ω 314.29492
H 10.6 *G* 0.15 Opp. 8 *n* 0.17606470 Ω 303.49737
 rms res. 0".85 (M-C) 1938–1994 *e* 0.1381741 *i* 17.74536

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1550) Tito Obs. 38 *M* 330.27146 ω 309.81613
H 11.8 *G* 0.15 Opp. 11 *n* 0.24269068 Ω 65.14774
 rms res. 0".88 (M-C) 1941–1993 *e* 0.3102358 *i* 8.84581

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1564) Srbija Obs. 36 *M* 81.59156 ω 225.68169
H 10.88 *G* 0.15 Opp. 14 *n* 0.17590663 Ω 178.92218
 rms res. 0".90 (M-C) 1933–1992 *e* 0.2108830 *i* 11.05888

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1702) Kalahari Obs. 34 *M* 114.71480 ω 241.18502
H 11.03 *G* 0.15 Opp. 11 *n* 0.20420872 Ω 104.28803
 rms res. 0".89 (M-C) 1948–1991 *e* 0.1438114 *i* 9.96384

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1712) Angola Obs. 43 *M* 135.10345 ω 15.69963
H 9.8 *G* 0.15 Opp. 12 *n* 0.17323944 Ω 238.22838
 rms res. 0".87 (M-C) 1929–1993 *e* 0.1364832 *i* 19.21858

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1735) ITA Obs. 55 *M* 112.91140 ω 279.21470
H 9.4 *G* 0.15 Opp. 17 *n* 0.17649124 Ω 9.62020
 rms res. 0".82 (M-C) 1907–1993 *e* 0.1210892 *i* 15.58718

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1753) Mieke Obs. 35 *M* 104.18930 ω 235.19543
H 11.1 *G* 0.15 Opp. 11 *n* 0.18810142 Ω 58.80774
 rms res. 0".97 (M-C) 1934–1993 *e* 0.0799628 *i* 11.35898

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1792) Reni Obs. 24 *M* 283.52577 ω 323.72549
H 12.03 *G* 0.15 Opp. 9 *n* 0.21318639 Ω 72.99721
 rms res. 0".94 (M-C) 1931–1993 *e* 0.2808404 *i* 9.00737

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1888) Zu Chong-Zhi Obs. 28 *M* 27.08550 ω 232.72760
H 11.7 *G* 0.15 Opp. 9 *n* 0.24216336 Ω 245.04733
 rms res. 0".99 (M-C) 1931–1992 *e* 0.1628214 *i* 5.86228

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(1970) Sumeria Obs. 31 *M* 244.88613 ω 191.15191
H 12.0 *G* 0.15 Opp. 11 *n* 0.21251113 Ω 312.85037
 rms res. 0".89 (M-C) 1949–1991 *e* 0.1593579 *i* 7.09317

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2024) McLaughlin Obs. 34 *M* 256.60248 ω 291.15352
H 12.9 *G* 0.15 Opp. 9 *n* 0.27788841 Ω 69.45760
rms res. 0".86 (M-C) 1938–1991 *e* 0.1376846 *i* 7.31839

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2089) Cetacea Obs. 50 *M* 15.56024 ω 287.12551
H 10.98 *G* 0.15 Opp. 8 *n* 0.24440707 Ω 102.90291
rms res. 0".70 (M-C) 1949–1993 *e* 0.1564399 *i* 15.40781

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Williams**
(2221) Chilton Obs. 19 *M* 88.10250 ω 80.91348
H 12.8 *G* 0.15 Opp. 5 *n* 0.23638873 Ω 246.32731
rms res. 0".77 (M-C) 1976–1993 *e* 0.1393754 *i* 13.80165

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2233) Kuznetsov Obs. 42 *M* 100.94848 ω 158.62512
H 12.7 *G* 0.15 Opp. 13 *n* 0.28665422 Ω 247.58060
rms res. 0".90 (M-C) 1950–1989 *e* 0.0812087 *i* 3.41022

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2268) Szmytowna Obs. 29 *M* 69.18782 ω 321.99695
H 11.4 *G* 0.15 Opp. 11 *n* 0.19555679 Ω 89.92136
rms res. 0".92 (M-C) 1942–1992 *e* 0.1139400 *i* 3.30771

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2289) McMillan Obs. 25 *M* 45.35467 ω 39.78366
H 13.6 *G* 0.15 Opp. 6 *n* 0.23050891 Ω 190.13930
rms res. 1".03 (M-C) 1933–1990 *e* 0.1435738 *i* 2.14828

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2361) Gogol Obs. 45 *M* 127.15453 ω 88.58993
H 11.7 *G* 0.15 Opp. 11 *n* 0.17747198 Ω 43.15418
rms res. 0".98 (M-C) 1929–1993 *e* 0.1423439 *i* 1.62638

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2377) Shcheglov Obs. 59 *M* 349.31243 ω 159.73559
H 12.0 *G* 0.15 Opp. 11 *n* 0.20177048 Ω 263.47533
rms res. 0".87 (M-C) 1961–1993 *e* 0.0579141 *i* 1.00694

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2378) Pannekoek Obs. 35 *M* 60.63629 ω 264.53533
H 10.7 *G* 0.15 Opp. 14 *n* 0.20057924 Ω 181.66230
rms res. 0".90 (M-C) 1918–1992 *e* 0.1398189 *i* 14.25347

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2398) Jilin Obs. 22 *M* 201.78268 ω 11.18855
H 13.6 *G* 0.15 Opp. 10 *n* 0.26667809 Ω 88.28266
rms res. 0".84 (M-C) 1948–1993 *e* 0.2383755 *i* 3.74079

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2423) Ibaruri Obs. 23 *M* 218.06511 ω 79.73384
H 13.2 *G* 0.15 Opp. 6 *n* 0.30435469 Ω 265.47840
rms res. 0".92 (M-C) 1956–1993 *e* 0.2829314 *i* 4.05702

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2425) Shenzhen Obs. 32 *M* 99.20240 ω 246.98954
H 11.1 *G* 0.15 Opp. 9 *n* 0.18948152 Ω 52.92780
rms res. 0".97 (M-C) 1955–1993 *e* 0.0947123 *i* 10.86164

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2462) Nehalennia Obs. 28 *M* 191.43979 ω 52.70752
H 14.8 *G* 0.15 Opp. 6 *n* 0.26348020 Ω 99.89457
rms res. 0".90 (M-C) 1960–1993 *e* 0.1393249 *i* 2.98882

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2566) Kirghizia Obs. 43 *M* 20.59099 ω 80.33503
H 12.6 *G* 0.15 Opp. 7 *n* 0.25713870 Ω 51.78214
rms res. 0".82 (M-C) 1956–1992 *e* 0.0779946 *i* 5.08674

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2694) Pino Torinese Obs. 27 *M* 130.92786 ω 342.88973
H 13.8 *G* 0.15 Opp. 8 *n* 0.28105776 Ω 250.29392
rms res. 0".91 (M-C) 1954–1989 *e* 0.1049065 *i* 1.58885

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2705) Wu Obs. 24 *M* 65.47355 ω 334.43505
H 13.6 *G* 0.15 Opp. 6 *n* 0.30410602 Ω 8.55590
rms res. 0".91 (M-C) 1976–1993 *e* 0.1599830 *i* 4.52938

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Williams**
(2772) Dugan Obs. 15 *M* 26.99376 ω 310.76256
H 13.4 *G* 0.15 Opp. 7 *n* 0.27990552 Ω 130.87949
rms res. 1".15 (M-C) 1906–1993 *e* 0.2036053 *i* 9.78152

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2820) Iisalmi Obs. 27 *M* 142.87782 ω 159.36423
H 12.9 *G* 0.15 Opp. 9 *n* 0.29612455 Ω 217.02341
rms res. 0".91 (M-C) 1942–1992 *e* 0.1621378 *i* 2.93968

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2892) Filipenko Obs. 14 *M* 35.16225 ω 90.76436
H 10.2 *G* 0.15 Opp. 6 *n* 0.17566954 Ω 327.15150
rms res. 0".68 (M-C) 1953–1993 *e* 0.2207682 *i* 16.93753

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2947) Kippenhahn Obs. 22 *M* 260.83374 ω 165.71274
H 13.0 *G* 0.15 Opp. 7 *n* 0.28112202 Ω 284.29488
rms res. 0".88 (M-C) 1943–1992 *e* 0.1247555 *i* 3.13364

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2949) Kaverznev Obs. 40 *M* 111.77420 ω 130.31122
H 13.3 *G* 0.15 Opp. 11 *n* 0.30310562 Ω 163.38713
rms res. 0".98 (M-C) 1953–1993 *e* 0.1396202 *i* 4.85960

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2976) Lautaro Obs. 25 *M* 242.23734 ω 177.57365
H 10.9 *G* 0.15 Opp. 10 *n* 0.16093346 Ω 207.42655
rms res. 0".71 (M-C) 1903–1992 *e* 0.1371277 *i* 9.73851

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(2999) Dante Obs. 36 *M* 316.94627 ω 38.58767
H 13.4 *G* 0.15 Opp. 6 *n* 0.28799312 Ω 75.14172
rms res. 0".99 (M-C) 1952–1993 *e* 0.1051040 *i* 6.76988

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3007) Reaves Obs. 17 *M* 39.14453 ω 252.25969
H 12.4 *G* 0.15 Opp. 8 *n* 0.27038660 Ω 69.00246
rms res. 0".86 (M-C) 1950–1992 *e* 0.1322837 *i* 8.34635

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3066) McFadden Obs. 17 *M* 328.88101 ω 187.46537
H 11.2 *G* 0.15 Opp. 5 *n* 0.24558075 Ω 175.83194
rms res. 0".91 (M-C) 1936–1992 *e* 0.1340317 *i* 15.55465

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3084) Kondratyuk Obs. 23 *M* 129.00005 ω 144.65392
H 13.2 *G* 0.15 Opp. 5 *n* 0.25912808 Ω 186.17516
rms res. 0".90 (M-C) 1977–1991 *e* 0.2272944 *i* 4.14216

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3207) Spinrad Obs. 54 *M* 78.36198 ω 155.62362
H 12.0 *G* 0.15 Opp. 9 *n* 0.19870979 Ω 168.10302
rms res. 0".87 (M-C) 1963–1993 *e* 0.0639837 *i* 2.20713

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3209) Buchwald Obs. 31 *M* 242.11851 ω 30.34218
H 13.4 *G* 0.15 Opp. 7 *n* 0.30356432 Ω 128.43098
rms res. 0".86 (M-C) 1954–1992 *e* 0.0527651 *i* 5.22768

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3235) Melchior Obs. 43 *M* 341.39729 ω 167.82444
H 13.1 *G* 0.15 Opp. 7 *n* 0.22358553 Ω 348.56565
rms res. 0".74 (M-C) 1959–1992 *e* 0.2402314 *i* 13.46775

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3236) Strand Obs. 26 *M* 300.79254 ω 213.66503
H 13.7 *G* 0.15 Opp. 7 *n* 0.30168446 Ω 217.65550
rms res. 0".98 (M-C) 1971–1993 *e* 0.1451444 *i* 1.10455

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3300) McGlasson Obs. 23 *M* 216.18553 ω 265.14054
H 10.4 *G* 0.15 Opp. 10 *n* 0.17589716 Ω 27.48334
rms res. 0".82 (M-C) 1928–1993 *e* 0.2103838 *i* 18.79119

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3340) 1979 TK Obs. 21 *M* 145.87563 ω 283.05263
H 13.6 *G* 0.15 Opp. 8 *n* 0.29532267 Ω 35.86671
rms res. 1".02 (M-C) 1939–1994 *e* 0.1945735 *i* 5.60747

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Williams**
(3422) Reid Obs. 19 *M* 184.29135 ω 198.66923
H 12.6 *G* 0.15 Opp. 5 *n* 0.22347197 Ω 112.10683
rms res. 1".03 (M-C) 1978–1994 *e* 0.1521061 *i* 13.94763

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3472) Upgren Obs. 34 *M* 99.47297 ω 140.20429
H 13.5 *G* 0.15 Opp. 6 *n* 0.21924466 Ω 243.55191
rms res. 0".88 (M-C) 1977–1992 *e* 0.1771467 *i* 4.48760

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Williams**
(3483) Svetlov Obs. 19 *M* 209.67676 ω 277.26634
H 13.7 *G* 0.15 Opp. 5 *n* 0.36670408 Ω 86.08937
rms res. 1".02 (M-C) 1976–1992 *e* 0.1246126 *i* 23.60842

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3504) Kholoshevnikov Obs. 17 *M* 159.72660 ω 167.38625
H 11.8 *G* 0.15 Opp. 8 *n* 0.18039489 Ω 118.90281
rms res. 0".66 (M-C) 1954–1992 *e* 0.1792776 *i* 2.04533

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3507) Vilas Obs. 23 *M* 116.33955 ω 184.57070
H 11.3 *G* 0.15 Opp. 9 *n* 0.17640079 Ω 88.71947
rms res. 0".89 (M-C) 1965–1993 *e* 0.1428956 *i* 3.24109

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3522) Becker Obs. 37 *M* 94.05568 ω 150.83475
H 12.2 *G* 0.15 Opp. 7 *n* 0.17486139 Ω 202.01363
rms res. 0".51 (M-C) 1941–1992 *e* 0.2936037 *i* 8.36641

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3610) Decampos Obs. 38 *M* 45.56470 ω 38.52143
H 14.5 *G* 0.15 Opp. 7 *n* 0.31289312 Ω 116.05718
rms res. 0".73 (M-C) 1950–1992 *e* 0.0467282 *i* 2.07669

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3637) O'Meara Obs. 32 *M* 194.77246 ω 68.91632
H 12.2 *G* 0.15 Opp. 8 *n* 0.24156503 Ω 208.27550
rms res. 0".79 (M-C) 1950–1992 *e* 0.1271184 *i* 14.34323

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3651) Friedman Obs. 24 *M* 281.10819 ω 137.35104
H 13.6 *G* 0.15 Opp. 7 *n* 0.26869572 Ω 71.81751
rms res. 0".98 (M-C) 1943–1994 *e* 0.1039555 *i* 7.31128

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3741) 1981 EL₁₉ Obs. 40 *M* 146.41249 ω 140.24235
H 13.3 *G* 0.15 Opp. 6 *n* 0.21283808 Ω 182.72163
rms res. 0".85 (M-C) 1978–1992 *e* 0.1543058 *i* 6.79198

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3782) Celle Obs. 28 *M* 96.41818 ω 334.49622
H 12.5 *G* 0.15 Opp. 8 *n* 0.26259760 Ω 271.59741
rms res. 0".97 (M-C) 1970–1993 *e* 0.0945888 *i* 5.26005

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 **Bowell**
(3830) Trelleborg Obs. 36 *M* 181.33419 ω 54.06667
H 11.5 *G* 0.15 Opp. 6 *n* 0.18698899 Ω 258.38382
rms res. 0".70 (M-C) 1954–1991 *e* 0.1075470 *i* 9.64375

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(3990) Heimdal Obs. 23 *M* 265.50720 ω 199.58867
H 10.4 *G* 0.15 Opp. 5 *n* 0.12615144 Ω 192.93033
 rms res. 0".83 (M-C) 1972–1991 *e* 0.2399223 *i* 9.50173

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4322) 1981 EE₃₇ Obs. 49 *M* 120.55010 ω 319.09810
H 14.3 *G* 0.15 Opp. 7 *n* 0.28711820 Ω 19.80447
 rms res. 0".89 (M-C) 1965–1994 *e* 0.1831689 *i* 4.52255

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4326) McNally Obs. 19 *M* 45.70321 ω 148.30610
H 12.5 *G* 0.15 Opp. 6 *n* 0.18337011 Ω 110.90986
 rms res. 0".90 (M-C) 1950–1989 *e* 0.2089696 *i* 4.24835

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4349) Tibúrcio Obs. 33 *M* 31.59461 ω 279.89035
H 11.8 *G* 0.15 Opp. 9 *n* 0.23259567 Ω 90.85539
 rms res. 0".88 (M-C) 1951–1993 *e* 0.2412132 *i* 10.75279

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4356) Marathon Obs. 28 *M* 116.84933 ω 263.64715
H 13.1 *G* 0.15 Opp. 5 *n* 0.21017440 Ω 2.60578
 rms res. 0".90 (M-C) 1960–1993 *e* 0.1918834 *i* 7.46130

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4358) Lynn Obs. 23 *M* 82.71747 ω 261.36869
H 12.2 *G* 0.15 Opp. 6 *n* 0.23395490 Ω 15.40732
 rms res. 0".80 (M-C) 1909–1989 *e* 0.1709814 *i* 13.07589

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4400) Bagryana Obs. 56 *M* 78.76279 ω 26.20728
H 13.8 *G* 0.15 Opp. 5 *n* 0.27051340 Ω 352.50150
 rms res. 0".84 (M-C) 1956–1991 *e* 0.1395172 *i* 4.39256

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4421) Kayor Obs. 24 *M* 16.56661 ω 0.08251
H 12.71 *G* 0.15 Opp. 4 *n* 0.22704793 Ω 96.39622
 rms res. 1".04 (M-C) 1942–1994 *e* 0.1948773 *i* 16.26625

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4424) 1967 DB Obs. 21 *M* 324.50123 ω 14.16230
H 11.5 *G* 0.15 Opp. 6 *n* 0.21527245 Ω 138.81885
 rms res. 1".00 (M-C) 1949–1993 *e* 0.0770516 *i* 14.72700

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4661) 1982 WM Obs. 19 *M* 338.19104 ω 286.48676
H 12.9 *G* 0.15 Opp. 6 *n* 0.25946873 Ω 102.62941
 rms res. 0".49 (M-C) 1963–1993 *e* 0.1613920 *i* 4.70770

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4686) Maisica Obs. 47 *M* 355.80492 ω 115.36831
H 13.0 *G* 0.15 Opp. 4 *n* 0.27093052 Ω 237.32325
 rms res. 0".65 (M-C) 1979–1992 *e* 0.1583450 *i* 4.47044

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4773) Hayakawa Obs. 20 *M* 306.36728 ω 59.51015
H 12.5 *G* 0.15 Opp. 5 *n* 0.23366734 Ω 60.69415
 rms res. 0".72 (M-C) 1970–1993 *e* 0.1166515 *i* 5.02693

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4776) Luyi Obs. 46 *M* 98.05547 ω 348.53112
H 14.4 *G* 0.15 Opp. 4 *n* 0.28000559 Ω 3.47358
 rms res. 0".98 (M-C) 1975–1994 *e* 0.2334395 *i* 5.40375

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4779) Whitley Obs. 38 *M* 160.27213 ω 330.97879
H 11.9 *G* 0.15 Opp. 7 *n* 0.17372135 Ω 185.83777
 rms res. 0".94 (M-C) 1977–1993 *e* 0.1313206 *i* 0.92443

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4853) 1979 ML Obs. 27 *M* 225.29442 ω 135.71797
H 13.0 *G* 0.15 Opp. 5 *n* 0.24417149 Ω 146.20271
 rms res. 0".73 (M-C) 1971–1992 *e* 0.2539894 *i* 8.30954

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4859) Fraknoi Obs. 39 *M* 10.17088 ω 313.47349
H 13.2 *G* 0.15 Opp. 7 *n* 0.28773172 Ω 122.45788
 rms res. 0".83 (M-C) 1979–1993 *e* 0.1353433 *i* 6.40834

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4876) Strabo Obs. 61 *M* 331.57072 ω 219.57210
H 13.2 *G* 0.15 Opp. 8 *n* 0.19882221 Ω 215.71783
 rms res. 0".94 (M-C) 1971–1993 *e* 0.0267272 *i* 1.29217

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4888) 1981 JX₁ Obs. 19 *M* 173.15760 ω 213.27007
H 14.0 *G* 0.15 Opp. 6 *n* 0.27355061 Ω 33.49558
 rms res. 0".86 (M-C) 1981–1993 *e* 0.0171008 *i* 4.06602

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4907) Zoser Obs. 18 *M* 248.21747 ω 308.89696
H 12.0 *G* 0.15 Opp. 5 *n* 0.17412507 Ω 136.91455
 rms res. 0".77 (M-C) 1960–1993 *e* 0.0952405 *i* 5.98495

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden
(4928) Vermeer Obs. 48 *M* 264.98838 ω 131.18683
H 14.3 *G* 0.15 Opp. 5 *n* 0.31310820 Ω 207.80243
 rms res. 0".93 (M-C) 1982–1993 *e* 0.1889840 *i* 2.45422

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4939) 1986 QL₁ Obs. 49 *M* 197.23376 ω 93.93825
H 13.2 *G* 0.15 Opp. 5 *n* 0.24545851 Ω 9.86842
 rms res. 0".83 (M-C) 1954–1990 *e* 0.1591417 *i* 5.38786

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4965) 1981 EP₂₈ Obs. 33 *M* 76.66949 ω 66.54719
H 13.8 *G* 0.15 Opp. 5 *n* 0.19774860 Ω 256.99275
 rms res. 0".69 (M-C) 1971–1993 *e* 0.0617626 *i* 0.89441

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5167) 1985 GU₁ Obs. 20 *M* 310.94108 ω 272.04266
H 12.1 *G* 0.15 Opp. 6 *n* 0.22622916 Ω 12.74398
 rms res. 0".84 (M-V) 1953-1992 *e* 0.2058022 *i* 15.01460

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5331) Erimomisaki Obs. 30 *M* 18.28497 ω 282.07902
H 12.0 *G* 0.15 Opp. 5 *n* 0.21407165 Ω 110.58508
 rms res. 0".53 (M-C) 1984-1993 *e* 0.3882754 *i* 12.09120

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5396) 1988 SH₁ Obs. 31 *M* 109.84557 ω 218.93589
H 14.0 *G* 0.15 Opp. 5 *n* 0.26556488 Ω 205.07845
 rms res. 0".83 (M-C) 1950-1992 *e* 0.1662107 *i* 4.66056

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5648) 1990 VU₁ Obs. 30 *M* 161.04738 ω 267.68528
H 9.2 *G* 0.15 Opp. 5 *n* 0.08311310 Ω 71.09267
 rms res. 0".65 (M-C) 1950-1993 *e* 0.1637939 *i* 22.66199

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5693) 1993 EA Obs. 48 *M* 62.21178 ω 258.62510
H 17.0 *G* 0.15 Opp. 5 *n* 0.68694083 Ω 97.24602
 rms res. 0".76 (M-C) 1984-1994 *e* 0.5854894 *i* 5.05448

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5725) 1988 BK₂ Obs. 34 *M* 118.16277 ω 78.87769
H 12.5 *G* 0.15 Opp. 4 *n* 0.22461452 Ω 55.43888
 rms res. 0".80 (M-C) 1953-1993 *e* 0.0569790 *i* 22.57012

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5
(5758) 1976 QZ₁ Obs. 29 *M* 63.56077 ω 264.56614
H 13.6 *G* 0.15 Opp. 6 *n* 0.29245336 Ω 62.65765
 rms res. 0".65 (M-C) 1953-1993 *e* 0.0621448 *i* 6.76999

**(5839)* 1974 SJ₃ = 1956 TP = 1979 SY₁₀ = 1979 VA₁ = 1986 GP
 = 1988 RE₁₄ = 1990 BG₂**

Discovered 1974 Sept. 21 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. H. Kaneda (*MPC* 17012), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

<i>M</i>	305.91377						
		(2000.0)	P	Q			
<i>n</i>	0.21494350	ω 141.62091	-0.83348455	-0.55193660			
<i>a</i>	2.7600683	Ω 5.08674	+0.40684783	-0.64472278			
<i>e</i>	0.0831786	<i>i</i> 16.96732	+0.37386942	-0.52886531			
<i>P</i>	4.59	<i>H</i> 11.9	<i>G</i> 0.15				

Residuals in seconds of arc

510808 675	0.2+	0.3-	860409 688	1.3-	0.2-	931012 801	0.6+	0.9+
510808 675	0.6-	0.8-	860409 688	0.2-	0.4-	931113 801	0.3-	0.4-
561010 760(20.9+ 23.9-)	X		880915 095	(0.2+ 3.5+)		931113 801	0.7-	0.5-
740921 095	(5.7+ 1.3-)		900121 675	0.9+	0.5+	931117 801	0.3-	0.2-
740923 095	(7.3+ 1.2-)		900121 675	0.4-	0.5+	931117 801	0.3-	0.4-
741009 095	3.0+	0.1-	900124 675	0.2+	0.6-	931204 560	0.3-	0.1+
790929 095	0.7+	0.6+	900124 675	0.2+	2.0-	931204 560	0.1-	0.4-
791114 095	1.5-	0.1+	931012 801	0.4+	0.5+	931204 560	0.1-	0.7-

(5840)* 1978 ON = 1977 HT = 1988 VB₄

Discovered 1978 July 28 at the Perth Observatory.

Id. S. J. Bus (*MPC* 10951), S. Nakano (*MPC* 14013)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

<i>M</i>	98.40554						
		(2000.0)	P	Q			
<i>n</i>	0.21658281	ω 341.82464	+0.99089563	-0.13219284			
<i>a</i>	2.7461235	Ω 25.81277	+0.12964923	+0.88585107			
<i>e</i>	0.1057099	<i>i</i> 3.35901	+0.03628957	+0.44473917			
<i>P</i>	4.55	<i>H</i> 12.1	<i>G</i> 0.15				

Residuals in seconds of arc

770424 675	1.2-	1.0+	780811 323	2.4+	0.6-	920927 691	0.7-	0.6+
770425 675	0.6-	1.1+	780811 323	2.4+	0.5+	920928 691	0.4-	0.7+
780710 675	(5.5- 3.3-)	Y	881115 400	(0.5+ 3.8-)		920928 691	0.1-	0.3+
780711 675	(1.8+ 3.9-)	Y	881115 400	(1.2+ 4.3-)		920928 691	0.6-	0.8+
780713 675	(7.8- 2.1+)	Y	881115 400	(1.0- 3.6-)		931111 801	0.6+	0.3+
780728 323	0.4-	1.4-	881116 400	0.5-	0.9-	931111 801	0.3+	0.6+
780728 323	0.8-	0.8+	881116 400	0.6-	1.0-	940120 657	1.6+	1.3+
780731 323	0.8+	0.4+	881116 400	0.6-	0.6-	940120 657	0.8+	0.9+
780731 323	0.3+	0.3+	920830 293	0.2+	0.7-	940120 657	0.8+	0.9+
780803 323	1.1-	1.0+	920927 691	0.5+	1.0-			
780803 323	1.4-	1.4+	920927 691	0.9-	0.7+			

(5841)* 1982 ST = 1990 SX₁

Discovered 1982 Sept. 19 by E. F. Helin at Palomar.

Id. G. V. Williams (*MPC* 17200)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

<i>M</i>	77.03232						
		(2000.0)	P	Q			
<i>n</i>	0.36883147	ω 44.95221	+0.86541017	-0.49170122			
<i>a</i>	1.9256798	Ω 343.70765	+0.30555413	+0.67037147			
<i>e</i>	0.1045922	<i>i</i> 20.10034	+0.39711701	+0.55572655			
<i>P</i>	2.67	<i>H</i> 13.9	<i>G</i> 0.15				

Residuals in seconds of arc

540226 675	0.3+	0.9+	890306 675	1.4+	0.8+	900925 675	1.7+	0.4+
820919 675	0.8-	2.4-	890306 675	0.1-	0.8+	901014 675	0.5+	0.8-
820919 675	(4.1+ 11.8+)		900917 675	0.2+	1.8-	901014 675	0.1+	0.5-
820920 675	0.1-	2.1+	900917 675	0.1+	0.9-	901017 675	0.7-	0.3+
820920 675	0.3-	1.2+	900920 675	(0.2+ 2.9-)		901017 675	0.0	0.2-
820920 675	(6.2+ 18.9+)		900920 675	0.1-	0.3-	901118 675	0.8+	0.8-
820920 675	(9.5+ 22.4+)		900922 675	(0.4- 2.5+)		901118 675	0.9+	1.2-
821011 675	0.1+	1.0+	900922 675	2.3-	1.7+	931013 801	0.3-	0.5+
821013 675	0.6-	0.3+	900924 675	0.2-	0.8+	931013 801	0.4-	0.2+
890304 675	0.9-	0.9-	900924 675	1.2+	0.2-	940115 107	0.9+	0.4-
890304 675	0.4-	0.6-	900925 675	0.1-	0.9+	940115 107	0.1-	0.2-

(5842)* 1986 CV₁ = 1989 YA₃ = 1992 PP₂

Discovered 1986 Feb. 8 by H. Debehogne at the European Southern Observatory.

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

<i>M</i>	111.91651						
		(2000.0)	P	Q			
<i>n</i>	0.23728202	ω 59.34928	+0.97345214	+0.07283626			
<i>a</i>	2.5840019	Ω 295.69679	-0.17170590	+0.85925346			
<i>e</i>	0.1272526	<i>i</i> 13.93425	+0.15135393	+0.50633820			
<i>P</i>	4.15	<i>H</i> 12.8	<i>G</i> 0.15				

Residuals in seconds of arc

860208 809	(3.6+ 0.0)	860214 809	1.2- 0.6-	920802 675	0.1- 0.1+
860208 809	(3.7+ 0.0)	860215 809	0.2+ 0.5-	920806 675	0.5- 0.0
860208 809	(3.8+ 0.1+)	860215 809	0.3+ 0.5-	920806 675	0.7+ 1.1-
860210 809	0.4- 0.0	860215 809	0.4+ 0.5-	920821 675	0.3- 0.1+
860210 809	0.5- 0.1-	860216 809	(1.0+ 3.0+)	920821 675	0.0 0.7+
860210 809	0.4- 0.2-	860216 809	(1.1+ 3.0+)	920827 675	0.0 0.2+
860211 809	0.5- 0.4+	860216 809	(1.3+ 2.9+)	931110 691	0.9- 0.5-
860211 809	0.4- 0.5+	891230 413	1.2+ 0.7-	931110 691	0.7- 0.9-
860211 809	0.2- 0.5+	891230 413	1.6+ 0.1+	931110 691	0.7- 0.4-
860212 809	0.0 0.1+	891231 413	1.4+ 0.1-	940104 691	0.8- 0.1+
860212 809	0.3+ 0.3+	891231 413	1.0+ 1.0+	940104 691	0.7- 0.1+
860212 809	0.5+ 0.2+	900123 399	(3.4+ 0.6+)	940104 691	0.3- 0.1+
860214 809	1.3- 0.6-	900123 399	2.5+ 1.7+		
860214 809	1.3- 0.7-	920802 675	0.5+ 0.3-		

(5843)* 1986 UG = 1986 WF = 1976 SF₃ = 1983 YZ

Discovered 1986 Oct. 30 by K. Suzuki and T. Urata at Toyota.

Id. S. J. Bus (*MPC* 12709), D. W. E. Green (*ibid.*), L. D. Schmadel, T. Kobayashi (d, *MPC* 11826)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	80.63488	(2000.0)	P	Q
<i>n</i>	0.29991817	ω 265.99826	+0.79375815	-0.60743123
<i>a</i>	2.2103830	Ω 131.40246	+0.57326182	+0.72997320
<i>e</i>	0.1474440	<i>i</i> 2.38620	+0.20327047	+0.31331522
<i>P</i>	3.29	<i>H</i> 14.1	<i>G</i> 0.15	

Residuals in seconds of arc

760924 095	0.7+ 0.5+	890903 071	(5.0- 5.2-)	931223 385	0.0 0.0
831230 675	0.8+ 1.2-	890903 071	(5.1- 5.9-)	940104 887	0.7+ 0.5+
840108 675	0.6+ 1.5+	890904 801	1.3+ 0.5-	940104 887	0.2+ 0.5+
861030 881	(1.7- 3.3-)	910213 675	0.8- 0.6-	940104 887	0.5+ 0.6+
861030 881	(8.4- 1.4-)	910213 675	1.2- 0.1+	940108 385	0.2+ 0.3-
861104 675	(13.1- 1.4-)	910312 675	1.1+ 1.1-	940108 385	0.3- 0.2-
861104 675	(12.0- 1.0-)	910312 675	2.2- 0.1-	940108 385	0.6- 0.3-
861105 881	2.0- 0.1-	910320 801	0.4- 0.2+	940202 385	0.5+ 0.2+
861126 881	1.9+ 1.3-	910320 801	0.4- 0.2+	940202 385	0.2+ 0.0
861126 881	0.9- 0.2-	910321 801	0.3- 0.3+	940202 385	0.4+ 0.0
861205 881	(3.8- 0.8-)	910321 801	0.2- 0.2+	940207 385	0.1+ 0.5-
861205 881	2.3- 0.0	931223 385	0.3- 0.7-	940207 385	0.4+ 0.6-
890903 801	0.8+ 1.2-	931223 385	0.0 0.2-	940207 385	0.5+ 0.2-

(5844)* 1986 UQ = 1976 JZ₁₀ = 1989 TF₁

Discovered 1986 Oct. 28 by Z. Vávrová at Kleť.

Id. S. Nakano (*MPC* 15414)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	187.79268	(2000.0)	P	Q
<i>n</i>	0.31984391	ω 93.62574	+0.85798044	+0.51267747
<i>a</i>	2.1176003	Ω 235.53456	-0.48540624	+0.78870953
<i>e</i>	0.1244815	<i>i</i> 2.23238	-0.16807842	+0.33926256
<i>P</i>	3.08	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

760502 809	0.4- 1.6-	861109 046	0.4- 1.6+	910213 675	0.1- 0.9+
861005 095	1.3- 1.8+	861109 046	1.6- 0.2-	910213 675	0.5+ 0.4-

861012 095	0.3+ 1.7+	861109 046	0.1+ 0.3-	910312 675	0.4+ 0.7-
861028 046	(3.3- 5.1-)	891004 374	(3.3- 1.2-)	910312 675	0.9+ 0.0
861028 046	(2.0- 5.8-)	891004 374	(5.3- 2.5-)	920826 801	0.6+ 0.0
861103 046	0.4- 2.1-	891007 374	0.1- 0.3+	920826 801	0.3+ 0.0
861103 046	0.4+ 2.1-	891007 374	(1.8+ 3.3+)	921024 801	0.1- 0.3-
861107 046	1.3+ 0.4-	891021 095	(0.6+ 6.6+)	921024 801	0.1- 0.3-
861107 046	2.0+ 0.7-	910210 675	0.7- 0.0	921028 801	0.3- 0.1-
861109 046	(3.3- 0.7+)	910210 675	1.1- 0.3+	921028 801	0.3- 0.2-

(5845)* 1988 QP = 1972 TY₅ = 1986 GP₂ = 1991 BX₁ = 1993 OF₅

Discovered 1988 Aug. 19 by R. H. McNaught at Siding Spring.

Id. K. Ichikawa (*MPC* 22952)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	196.82772	(2000.0)	P	Q
<i>n</i>	0.17929124	ω 204.13100	-0.74209195	-0.65799369
<i>a</i>	3.1147988	Ω 294.09426	+0.63551314	-0.63002340
<i>e</i>	0.0410426	<i>i</i> 8.05042	+0.21312576	-0.41244978
<i>P</i>	5.50	<i>H</i> 12.4	<i>G</i> 0.15	

Residuals in seconds of arc

721006 095	1.6+ 0.5-	880819 413	0.7+ 0.1-	930713 809	0.7+ 0.6+
760531 413	0.8- 1.1-	880820 413	0.1- 0.1-	930713 809	0.1+ 0.6+
760531 413	0.1- 1.2-	891101 413	1.4- 0.8+	930720 809	0.3+ 0.5+
860404 095	(4.0- 1.1-)	910121 511	0.6+ 2.4-	930720 809	0.5- 0.8+
880810 413	1.1+ 0.8-	910122 511	1.0- 1.0+	930720 809	0.8- 0.6+
880810 413	0.6+ 1.1-	910122 511	0.1- 1.2-	930724 809	0.2- 0.2+
880811 413	2.5- 1.0-	930520 413	0.4- 1.1-		
880811 413	1.2+ 0.6-	930713 809	0.9+ 0.7+		

(5846)* 1989 AW₆ = 1976 UR₇

Discovered 1989 Jan. 11 by F. Börngen at Tautenburg.

Id. T. Kobayashi (*MPC* 14955)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	127.08768	(2000.0)	P	Q
<i>n</i>	0.25956291	ω 60.33482	-0.47789762	-0.87810568
<i>a</i>	2.4339274	Ω 58.23151	+0.79614877	-0.44421014
<i>e</i>	0.1410995	<i>i</i> 1.57245	+0.37116168	-0.17778576
<i>P</i>	3.80	<i>H</i> 14.6	<i>G</i> 0.15	

Residuals in seconds of arc

761022 381	0.4- 0.7-	890205 033	0.6+ 0.4-	930324 033	0.8+ 0.6+
761022 381	0.4- 0.7-	910910 033	0.6- 0.2-	930326 033	0.5- 0.7-
761024 381	1.3+ 0.2+	910910 033	0.5+ 0.2-	930326 033	0.2- 0.0
890111 033	0.5- 0.2+	910913 033	0.7- 0.6-	930329 033	0.6- 0.8-
890111 033	0.0 0.4+	911004 033	0.2+ 0.5+	930416 033	0.4- 1.0+
890114 033	0.2+ 0.4+	911004 033	0.3+ 0.4+	930420 033	0.3- 1.3-
890202 033	0.1- 0.1-	911005 033	0.3+ 0.1+	930421 033	0.6+ 0.4-

(5847)* 1989 YB = 1981 WL₁ = 1982 BH₁₂ = 1985 VT₅

Discovered 1989 Dec. 18 by K. Endate and K. Watanabe at Kitami.

Id. S. Nakano (*MPC* 15899)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	43.12992	(2000.0)	P	Q
<i>n</i>	0.24299298	ω 101.26117	+0.94436519	-0.30853686
<i>a</i>	2.5433545	Ω 276.78706	+0.23879088	+0.88139032
<i>e</i>	0.3023424	<i>i</i> 6.58812	+0.22617096	+0.35770952
<i>P</i>	4.06	<i>H</i> 12.7	<i>G</i> 0.15	

Residuals in seconds of arc

811124 688 (0.6- 3.4-)	891231 400 0.3+	2.1+	930914 801 0.2-	0.4+
811124 688 0.6+	891231 400 0.4+	0.8+	931206 399 0.6-	1.5-
811220 688 (0.1- 3.5-)	900105 400 (6.8+ 0.7+)		931206 399 1.0-	2.0-
811220 688 (0.1- 3.5-)	900105 400 (7.3+ 0.6+)		931217 107 0.1+	0.4+
820123 095 0.3-	900105 400 (5.9+ 0.8-)		931217 107 0.5+	0.0
851112 095 2.5-	930722 801 0.0	0.5+	931218 107 0.2+	0.2-
891218 400 (9.9+ 8.3-)	930722 801 0.1+	0.3+	931218 107 0.3+	0.1-
891218 400 (10.1+ 7.9-)	930723 801 0.1-	0.0	940113 107 0.2+	0.9-
891224 400 0.9-	930723 801 0.1-	0.2+	940113 107 0.8+	0.0
891224 400 0.5-	930912 801 0.2-	0.2+	940113 107 0.1-	0.4-
891228 400 1.0+	930912 801 0.2+	0.2+		
891228 400 1.9+	930914 801 0.2-	0.4+		

(5848)* 1990 BZ₁ = 1971 TW₁ = 1984 UM₁

Discovered 1990 Jan. 30 by M. Matsuyama and K. Watanabe at Kushiro.

Id. H. Kaneda (*MPC* 16033)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	11.28444	(2000.0)	P	Q
<i>n</i>	0.22780118	ω 227.18974	-0.01668777	-0.99930409
<i>a</i>	2.6552091	Ω 223.80026	+0.93084510	-0.00334651
<i>e</i>	0.1622432	<i>i</i> 2.76257	+0.36503276	-0.03715028
<i>P</i>	4.33	<i>H</i> 12.9	<i>G</i> 0.15	

Residuals in seconds of arc

530815 675 0.8-	0.4+	880911 675 0.4-	1.1-	920726 809 0.6-	0.7+
530815 675 0.4+	0.8+	880916 675 0.1-	0.2+	920726 809 1.3-	0.7-
560508 675 0.4+	1.0-	880916 675 0.6-	0.1+	920726 809 1.6-	0.7-
560508 675 0.4-	0.2+	880916 675 0.8-	0.3+	920804 675 0.0	0.6-
711012 095 0.8-	1.1+	880916 675 0.1+	1.1-	920805 675 0.6+	1.2+
841026 688 (0.3- 2.7-)		881007 675 0.3-	0.3-	920805 675 1.3-	0.6-
841026 688 0.3+	1.6-	881007 675 1.4+	1.0-	920807 675 1.4+	0.1+
841028 046 1.0-	0.7+	881009 675 1.3+	0.2+	920807 675 0.5+	0.5-
841028 046 0.6-	0.1+	881009 675 0.7+	0.5-	920808 010 0.6+	1.2+
841029 688 0.7+	0.7+	900130 399 0.9+	0.7-	920808 010 0.6+	0.8+
841029 688 1.3-	0.2-	900130 399 0.6-	2.3+	920808 010 0.6-	0.4+
841029 046 (4.8- 0.1+)		900201 399 1.2-	1.4+	920809 010 1.1+	1.5+
841029 046 (2.9- 1.5+)		900201 399 0.6+	0.9+	920809 010 0.2-	0.3+
841030 046 (3.3- 0.8-)		900216 399 (2.8+ 0.5+)		920809 010 0.5-	0.3-
841030 046 1.5+	0.6+	900216 399 0.3-	0.7+	931111 801 0.4+	0.1-
841031 688 1.4+	0.3+	900228 399 0.2+	0.8-	931111 801 0.5+	0.1-
841031 688 0.3-	0.3-	900228 399 1.5+	0.4-	931117 801 0.0	0.1-
880911 675 0.2-	0.9+	920724 809 0.4+	0.6+	940123 413 0.4-	0.0
880911 675 0.2+	0.6+	920724 809 0.0	1.0+	940123 413 0.5-	0.2+
880911 675 0.2-	1.4-	920724 809 0.4-	0.1+		

(5849)* 1990 HF₁ = 1983 ET₂ = 1984 HV

Discovered 1990 Apr. 27 by E. F. Helin at Palomar.

Id. B. G. Marsden (*MPC* 16588)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Marsden

<i>M</i>	128.52964	(2000.0)	P	Q
<i>n</i>	0.17367663	ω 210.23979	+0.91194297	+0.28730123
<i>a</i>	3.1815723	Ω 130.02785	-0.25573435	+0.95629617
<i>e</i>	0.0118060	<i>i</i> 22.49305	-0.32087375	+0.05436579
<i>P</i>	5.67	<i>H</i> 10.3	<i>G</i> 0.15	

Residuals in seconds of arc

830305 095 (0.5- 3.5-)	900521 675 0.1+	0.2-	910908 801 1.2-	0.1+	
840427 675 0.6-	0.3-	900523 675 0.6+	0.8+	931214 675 0.8-	1.3+
840427 675 0.3-	1.1-	900523 675 0.2-	1.8+	931214 675 0.8+	0.2+
840429 675 0.1-	0.8+	900527 675 0.8-	0.0	931216 675 0.4-	0.0
840429 675 1.0+	0.2+	900527 675 0.6-	0.1-	931216 675 0.0	0.1-
900427 675 0.8+	1.1+	910709 801 0.3+	0.5+	940111 675 0.6-	0.5-
900427 675 0.3-	1.0-	910709 801 0.4+	0.5+	940111 675 0.7-	0.2-
900429 675 (3.1+ 0.5+)		910710 801 0.4+	0.4+	940113 107 0.5+	1.0+
900429 675 (2.9+ 1.7+)		910710 801 0.5+	0.4+	940113 107 1.4-	1.0+
900518 675 (2.0+ 3.0-)		910711 801 (0.2+ 2.4-)		940115 107 1.8+	0.6+
900518 675 (1.9+ 2.3-)		910906 801 0.0	0.2+	940115 107 0.6+	0.9+
900520 675 0.6+	1.5-	910906 801 0.0	0.3+	940116 675 0.1+	1.2-
900521 675 0.5+	0.6+	910908 801 0.2-	0.2+	940116 675 0.7-	0.1-

(5850)* 1990 XM = 1974 VS₁ = 1977 RJ₂₀

Discovered 1990 Dec. 8 by K. Endate and K. Watanabe at Kitami.

Id. H. Kaneda (*MPC* 18299)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	44.91195	(2000.0)	P	Q
<i>n</i>	0.30988121	ω 257.98025	+0.97502943	-0.21893436
<i>a</i>	2.1627478	Ω 114.65688	+0.21634215	+0.89858190
<i>e</i>	0.1742013	<i>i</i> 2.34717	+0.05013659	+0.38028715
<i>P</i>	3.18	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

741115 095 0.4-	1.4+	901220 400 1.2-	1.4+	931011 809 0.7+	0.7+
770909 675 0.6-	1.8+	930724 801 0.1-	0.0	931013 675 0.2-	1.4-
770910 675 0.8-	1.5+	930724 801 0.1+	0.1-	931013 675 0.0	1.5-
901111 885 0.3-	0.6+	930915 801 0.2-	0.1+	931015 675 0.3-	0.8-
901111 885 0.2-	1.3-	930915 801 0.6-	0.4-	931015 400 0.3-	0.6-
901208 400 0.8+	0.9+	930920 801 0.8-	0.2+	931015 400 1.7+	0.2+
901208 400 (2.6+ 2.0+)		930920 801 0.9-	0.4+	931019 400 1.1-	0.2-
901213 400 0.4-	1.0-	931009 809 0.1-	0.8+	931019 400 0.1+	0.5-
901213 400 0.8-	1.8-	931009 809 1.4+	1.1+	931020 809 0.1+	1.9-
901216 400 1.5+	1.5+	931009 809 0.9+	0.8+	931020 809 0.3-	1.8-
901216 400 0.2-	1.8+	931011 809 1.3+	0.8+	931020 809 0.7-	1.6-
901220 400 (2.5- 0.6+)		931011 809 1.0+	0.7+		

(5851)* 1991 DM₁ = 1971 QW

Discovered 1991 Feb. 23 by S. Inoda and T. Urata at Karasuyama.

Id. T. Urata (*MPC* 20929), S. Nakano (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q	
<i>n</i>	158.03801	ω	127.78718	+0.38339856	+0.92151451		
<i>a</i>	2.5964544	Ω	164.40490	-0.90306696	+0.38806267		
<i>e</i>	0.1792123	<i>i</i>	13.28518	-0.19358619	+0.01477770		
<i>P</i>	4.18	<i>H</i>	11.9	<i>G</i>	0.15		

Residuals in seconds of arc

710818	095	0.1-	0.6+	920920	399	0.0	1.3-	931209	385	0.3+	0.2+
910223	889	0.2+	0.6-	920930	385	0.4-	0.4+	931209	887	0.3+	0.7+
910223	889	0.7-	1.1-	920930	385	0.6-	0.0	931209	887	0.4-	0.1-
910223	889	0.1-	0.7-	920930	385	0.0	1.0-	931218	905	0.4-	0.7-
910318	385	0.3-	0.1+	920930	385	0.0	0.8-	931218	905	0.9-	1.0-
910318	385	0.5-	0.1-	920930	385	0.7+	0.4-	931218	887	0.0	0.1-
910402	400	0.0	0.5+	921002	385	0.3+	0.1-	931218	887	0.1+	0.0
910402	400	0.3-	0.1-	921002	385	0.4-	1.3-	931218	887	0.2+	0.3-
910502	385	0.4+	1.2-	921020	905	0.1-	0.3+	940102	385	0.2+	0.4-
910502	385	1.0+	0.0	921021	905	0.7-	0.5-	940102	385	0.2-	0.1-
920830	885	0.2-	0.6+	921021	905	0.3-	0.0	940102	385	0.3+	0.2-
920830	885	0.6+	0.3-	931205	385	0.2+	0.1+	940107	385	0.3+	0.2+
920901	885	0.6+	0.0	931205	385	0.8+	0.5+	940107	385	0.3-	0.0
920901	885	0.4+	0.2+	931205	385	0.1-	0.4+	940108	887	0.0	0.4+
920901	885	0.6+	0.3+	931209	385	0.2-	0.0				
920920	399	0.4-	0.2+	931209	385	0.0	0.0				

(5852)* 1991 HO = 1955 MB

Discovered 1991 Apr. 19 by C. S. Shoemaker at Palomar.

Id. G. V. Williams (*MPC* 18441)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q	
<i>n</i>	182.66344	ω	177.92212	-0.22638561	+0.92237490		
<i>a</i>	2.7428699	Ω	78.88415	-0.89819986	-0.07337061		
<i>e</i>	0.2102232	<i>i</i>	18.60202	-0.37681105	-0.37926416		
<i>P</i>	4.54	<i>H</i>	12.1	<i>G</i>	0.15		

Residuals in seconds of arc

550616	760	(0.9+	9.0+)	910516	675	0.1+	1.0-	910616	675	0.1-	0.1+
550616	760	0.1+	0.9+	910516	675	0.9+	1.2-	921013	413	0.0	0.0
550622	760	0.7+	0.4+	910606	675	0.2-	0.3+	921013	413	0.1-	0.1+
550622	760	0.8-	1.3-	910606	675	0.5+	1.0+	931218	801	0.7+	0.3-
910419	675	0.6-	0.0	910608	675	0.6+	0.6+	931218	801	0.7+	0.3-
910419	675	0.2-	0.9+	910608	675	0.1-	0.7-	940109	691	0.1-	0.1+
910420	675	0.7-	1.2+	910614	675	0.7-	0.8-	940109	691	0.3-	0.3+
910515	675	0.5+	0.5-	910614	675	0.6+	0.2+	940109	691	1.0-	0.2+
910515	675	0.1+	0.4-	910616	675	0.5-	0.3+				

(5853)* 1992 QG = 1950 HM₁ = 1977 RA₉ = 1985 VF₄

Discovered 1992 Aug. 26 by S. Ueda and H. Kaneda at Kushiro.

Id. S. Nakano (*MPC* 21113)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q	
<i>n</i>	202.45707	ω	108.83797	+0.04981056	+0.99812675		
<i>a</i>	2.4105347	Ω	163.89316	-0.95777752	+0.05782035		
<i>e</i>	0.0686006	<i>i</i>	7.35657	-0.28316272	-0.01999481		
<i>P</i>	3.74	<i>H</i>	12.8	<i>G</i>	0.15		

Residuals in seconds of arc

500420	760	0.4-	1.3-	910411	400	0.0	0.0	931217	801	1.1+	1.7-
500420	760	0.1-	1.5+	920826	399	(2.5-	3.6-)	931217	801	0.9+	0.4-
770908	675	0.4+	0.9+	920826	399	(0.9-	3.9-)	931218	801	1.1+	0.6+
770909	675	0.7+	1.3+	920826	399	0.6-	2.1-	931218	801	0.1+	1.2+
851111	095	0.2-	0.7-	920828	399	1.6+	1.8-	940103	399	2.2-	0.5+
910315	400	0.6+	0.7-	920828	399	0.5+	2.4-	940103	399	0.0	0.2-
910315	400	1.7-	2.2-	920920	399	0.1+	0.1-	940105	399	(3.0-	1.9+)
910321	400	0.8+	0.0	920920	399	1.2-	0.7+	940111	675	0.8-	2.1-
910321	400	0.7+	0.4-	920928	399	0.1-	0.2-	940111	675	(0.2-	3.3-)
910411	400	1.3-	1.2-	920928	399	0.1+	0.8-				

(5854)* 1992 UP = 1976 YJ₂ = 1984 GD = 1986 TD₁₅ = 1989 AJ₃ = 1991 PV₁₃

Discovered 1992 Oct. 19 by S. Ueda and H. Kaneda at Kushiro.

Id. S. Nakano (*MPC* 21271), A. Lowe (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q	
<i>n</i>	226.86589	ω	167.86878	-0.53767958	+0.84215465		
<i>a</i>	3.1735398	Ω	69.59262	-0.77718009	-0.47619718		
<i>e</i>	0.1362123	<i>i</i>	2.50366	-0.32694308	-0.25300551		
<i>P</i>	5.65	<i>H</i>	11.4	<i>G</i>	0.15		

Residuals in seconds of arc

761216	095	0.4-	2.0-	890207	400	0.4-	2.3-	921116	399	0.1+	0.2+
840405	046	0.2-	0.5-	890207	400	1.0-	0.1-	921116	399	1.5-	0.5+
840405	046	1.0+	0.3+	910806	675	0.9+	1.6-	921118	399	0.5-	0.1+
861006	095	1.2+	0.1-	910806	675	0.7-	1.2-	921118	399	1.5+	0.7+
890104	413	0.1-	0.1+	910810	675	0.8+	2.2-	931215	399	1.0+	0.7+
890104	413	(3.0+	0.2+)	910810	675	0.4+	1.2-	931215	399	1.6+	1.0-
890110	413	0.5+	1.0-	921019	399	0.9-	0.1+	940103	399	1.1-	0.6-
890110	413	(4.1+	1.2-)	921019	399	2.0-	0.1+	940103	399	0.6-	0.4-
890203	400	0.1-	0.6+	921022	399	1.4+	1.0+	940105	399	0.4+	0.3-
890203	400	1.0-	0.7-	921022	399	0.4-	0.9+				

(5855)* 1992 UO₂ = 1943 UF = 1974 FQ₁ = 1988 VD₉ = 1988 XO₃

Discovered 1992 Oct. 26 by A. Natori and T. Urata at JCPM Yakiimo

Station.

Id. T. Urata (*MPC* 21273)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q	
<i>n</i>	159.08173	ω	323.37294	+0.95524068	+0.27982143		
<i>a</i>	2.5524194	Ω	21.00368	-0.16486252	+0.77297379		
<i>e</i>	0.1538237	<i>i</i>	15.53487	-0.24563305	+0.56939572		
<i>P</i>	4.08	<i>H</i>	11.7	<i>G</i>	0.15		

Residuals in seconds of arc

431030	024	0.1-	0.1+	920929	033	0.5-	0.0	940116	385	0.4-	0.1-
740321	095	0.3+	0.5+	921026	885	0.5-	0.2-	940119	385	0.4-	0.5-
881103	054	0.5-	0.3+	921026	885	0.3-	0.0	940119	385	0.5-	0.1-
881103	054	0.5+	0.2+	921027	885	1.3-	0.4+	940119	385	0.3-	0.4-
881201	054	0.0	0.0	921027	885	0.1+	0.3+	940202	385	0.3+	0.3+
920830	674	(4.4+	11.4+)	921031	885	1.3+	0.2-	940202	385	0.5+	0.4+
920830	674	(3.2-	9.6-)	921031	885	1.1+	0.3-	940202	385	0.5+	0.1+
920923	033	0.1-	0.4+	921114	385	0.8+	0.2+	940207	385	0.4+	0.1+

920925 033	0.3-	0.3+	921114 385	0.2+	0.1+	940207 385	0.3+	0.1-
920925 033	0.2-	0.4-	921226 885	0.1-	0.7-	940207 385	0.0	0.3+
920927 033	0.1-	0.3+	921226 885	0.4-	0.0			
920928 033	0.3-	0.3-	940116 385	0.6-	0.1-			

(5856)* 1994 AL₂ = 1977 AB₁ = 1990 BW₂ = 1991 JP₂ = 1992 QK₁

Discovered 1994 Jan. 5 by S. Ueda and H. Kaneda at Kushiro.

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Nakano	
<i>M</i>	80.36346	(2000.0)	
	P	Q	
<i>n</i>	0.23478593	ω	286.91463
<i>a</i>	2.6022839	Ω	105.88687
<i>e</i>	0.1120727	<i>i</i>	16.05980
<i>P</i>	4.20	<i>H</i>	12.9
		<i>G</i>	0.15

Residuals in seconds of arc

770113 095	0.3-	0.6+	910518 413	1.1-	0.1+	940105 399	0.6-	0.1-
900121 402	0.7+	0.4-	910518 413	0.3-	0.5-	940112 399	0.1-	0.6-
900121 402	0.4+	1.2-	920825 675	0.5-	0.3-	940112 399	0.4+	0.4-
900201 402	0.3-	2.0+	920825 675	0.9-	1.1+	940204 399	1.0+	0.5-
900201 402	(3.6+	1.0-)	920827 675	1.2+	1.2-	940204 399	0.7+	0.2+
910508 413	1.8-	0.2+	920827 675	0.8+	1.0-	940205 399	0.2+	0.4+
910508 413	2.6+	0.8-	940105 399	0.5-	0.6-	940205 399	1.6-	1.0-

A913 CF = 1993 TH₂₆

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Williams	
<i>M</i>	50.05976	(2000.0)	
	P	Q	
<i>n</i>	0.19165879	ω	160.04488
<i>a</i>	2.9793182	Ω	193.02144
<i>e</i>	0.0756035	<i>i</i>	9.15309
<i>P</i>	5.14	<i>H</i>	14.0
		<i>G</i>	0.15

Residuals in seconds of arc

130211 662	0.5-	0.7+	Y 931009 809	0.5-	0.6-	931020 809	0.6+	0.6+
130212 662	0.8-	0.8-	Y 931009 809	0.4-	0.5-	931020 809	0.1-	0.1+
130212 662	0.5+	0.1+	Y 931011 809	0.5+	0.2-	931020 809	0.3-	0.7-
130213 662	0.9+	0.0	Y 931011 809	0.1-	0.3+			
931009 809	0.0	0.7+	931011 809	0.3+	0.3+			

1972 PA = 1993 TE₂₂

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell	
<i>M</i>	43.24161	(2000.0)	
	P	Q	
<i>n</i>	0.19222875	ω	93.28080
<i>a</i>	2.9734262	Ω	264.44563
<i>e</i>	0.1231266	<i>i</i>	8.72969
<i>P</i>	5.13	<i>H</i>	12.1
		<i>G</i>	0.15

Residuals in seconds of arc

720807 026	0.7+	0.0	720908 026	0.1+	0.3+	931015 675	0.2-	0.2+
720810 026	0.4-	0.0	931013 675	0.0	0.0			
720904 026	0.4-	0.2-	931013 675	0.3+	0.2-			

1975 LF₁ = 1993 TT₁₁

Id. A. Lowe

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Bowell	
<i>M</i>	92.76976	(2000.0)	
	P	Q	
<i>n</i>	0.17952711	ω	285.28763
<i>a</i>	3.1120700	Ω	25.12658
<i>e</i>	0.0512868	<i>i</i>	19.52846
<i>P</i>	5.49	<i>H</i>	12.2
		<i>G</i>	0.15

Residuals in seconds of arc

540731 675	0.2-	0.1+	750601 413	0.6+	0.5+	931013 675	0.1+	0.4-
540731 675	0.2+	0.1-	750603 413	0.4-	0.4-	931013 675	0.1+	0.2-
750601 413	0.5-	0.4+	750603 413	0.3+	0.5-	931015 675	0.2-	0.6+

1977 DF₂ = 1991 EQ₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Williams	
<i>M</i>	273.72871	(2000.0)	
	P	Q	
<i>n</i>	0.21421924	ω	118.13731
<i>a</i>	2.7662859	Ω	5.08363
<i>e</i>	0.0426160	<i>i</i>	5.08507
<i>P</i>	4.60	<i>H</i>	13.5
		<i>G</i>	0.15

Residuals in seconds of arc

770218 381	0.5+	0.6-	910213 675	0.6-	0.2+	910314 046	0.8-	2.1-
770218 381	(5.4-	1.4+)	910213 675	0.3-	0.5+	910314 046	0.4+	1.5-
770219 381	1.4-	1.3+	910309 675	1.3+	0.2-	910325 809	0.4+	1.1+
770219 381	(1.0-	7.2+)	910309 675	1.1+	0.5+	910325 809	0.1+	1.2+
770312 381	0.3+	0.2-	910313 046	(3.6-	1.0-)	910325 809	0.2+	1.3+
770312 381	0.7+	0.3-	910313 046	2.0-	1.1-			

1977 EX = 1988 XM₃ = 1991 NO₇Id. G. V. Williams (*MPC* 19856, unpublished)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Nakano	
<i>M</i>	327.62753	(2000.0)	
	P	Q	
<i>n</i>	0.22810597	ω	229.85852
<i>a</i>	2.6528434	Ω	305.03136
<i>e</i>	0.1047711	<i>i</i>	12.10907
<i>P</i>	4.32	<i>H</i>	12.3
		<i>G</i>	0.15

Residuals in seconds of arc

770313 095	0.2-	1.1+	910715 809	0.6+	0.6-	940107 868	2.1-	1.0-
770322 095	0.9-	0.7-	910715 809	0.9+	0.6-	940107 868	0.8-	0.3-
770325 095	1.2+	0.3-	910716 809	0.6-	0.2-	940108 868	1.0+	0.3-
881201 054	0.0	0.2-	910716 809	0.5-	0.1-	940108 868	0.9+	0.4-
910715 809	0.7+	0.4-	910716 809	0.1-	0.1-			

1978 QC₃ = 1969 VO₁ = 1979 YZ₉ = 1980 AJ = 1990 DN = 1991 JJ₂ = 1994 AG₂Id. A. Lowe (*MPC* 16575), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5		Williams	
<i>M</i>	8.56310	(2000.0)	
	P	Q	
<i>n</i>	0.20538118	ω	292.17045
<i>a</i>	2.8450875	Ω	133.73773
<i>e</i>	0.1686092	<i>i</i>	12.65033
<i>P</i>	4.80	<i>H</i>	12.0
		<i>G</i>	0.15

Residuals in seconds of arc

691114 095	2.1-	1.4-	900224 403	2.0-	1.2-	Y 910518 413	0.2-	0.3-
780822 414	1.4+	0.4+	900227 403	1.0-	0.2-	940105 413	0.7+	0.2+
780822 414	0.4-	0.1+	900227 403	1.5+	1.4+	940105 413	1.0-	0.2+

780823	414	0.1+	0.6-	910508	413	0.5-	0.4+	940107	413	0.1-	0.7-
780823	414	0.5+	1.0+	910508	413	2.0+	1.0-	940116	413	0.5-	0.3+
791220	323	0.3+	0.3-	910511	413	(19.3+	5.4-)	940123	413	0.0	0.2-
791220	323	2.6+	0.0	910511	413	(5.6+	0.2-)	940123	413	0.1-	0.0
800115	330	0.6+	1.5+	910518	413	2.0-	0.9+				
900224	403	(4.0-	1.1+)Y	910518	413	0.3+	0.0				

1978 SJ₇ = 1988 TU₃ = 1993 SW₆

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.19658582	ω	330.21881	+0.87978861		+0.47532277	
<i>a</i>	2.9293275	Ω	1.44662	-0.37117038		+0.69522730	
<i>e</i>	0.1389251	<i>i</i>	14.55734	-0.29699251		+0.53919131	
<i>P</i>	5.01	<i>H</i>	13.0	<i>G</i>	0.15		

Residuals in seconds of arc

780926	095	0.2-	0.4-	881004	046	0.9-	0.7-	930917	809	0.5+	1.5+
781002	095	0.7+	0.5+	881004	046	1.7+	0.2-	930918	809	0.6-	0.6-
781008	095	0.6-	1.0-	930917	809	1.8+	1.2+	930918	809	1.3-	1.0-
781101	095	0.1-	1.1+	930917	809	0.8+	1.0+	930918	809	1.8-	1.2-

1978 UR₄ = 1982 YM = 1994 CE

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.27180722	ω	135.37334	+0.03945191		-0.99871814	
<i>a</i>	2.3602720	Ω	312.33823	+0.90436278		+0.04918511	
<i>e</i>	0.1929888	<i>i</i>	2.45880	+0.42493707		-0.01195435	
<i>P</i>	3.63	<i>H</i>	15.0	<i>G</i>	0.15		

Residuals in seconds of arc

781027	675	0.8+	0.8+	781129	675	0.2+	0.2-	940203	411	0.3+	1.1-
781028	675	0.1-	0.5+	821222	511	0.2-	1.2-	940207	411	1.3+	1.9+
781029	675	0.7-	0.1-	940203	411	0.6-	0.6-	940207	411	0.3+	0.4+
781128	675	0.7-	0.4-	940203	411	1.0-	0.2+	940207	411	0.1+	0.4+

1981 DD₃ = 1994 AO₇

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.21634982	ω	119.80660	+0.54917380		-0.82909385	
<i>a</i>	2.7480947	Ω	296.51497	+0.72056576		+0.53336458	
<i>e</i>	0.0858077	<i>i</i>	6.73461	+0.42331209		+0.16770693	
<i>P</i>	4.56	<i>H</i>	15.0	<i>G</i>	0.15		

Residuals in seconds of arc

810209	413	0.7-	0.1-	810312	413	1.3-	1.4+	940107	691	0.4-	0.1-
810212	413	0.8+	0.1-	810408	413	1.6+	0.3-	940107	691	0.5-	0.2+
810228	413	0.6-	0.8-	810409	413	1.7-	1.0+	940119	691	0.4+	0.2-
810228	413	2.5+	0.4+	810409	413	0.0	0.2+	940119	691	0.1+	0.0
810306	413	1.1-	1.3+	810501	413	0.4+	1.4-	940119	691	0.4+	0.0
810306	413	1.1+	1.3-	810503	413	0.8-	0.6-				
810308	413	0.1-	0.2+	940107	691	0.1-	0.1-				

1981 EN₂₁ = 1993 SE₈

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.19887962	ω	47.09950	-0.57520189		+0.81800055	
<i>a</i>	2.9067601	Ω	187.79011	-0.75931010		-0.53584096	
<i>e</i>	0.0100284	<i>i</i>	1.78812	-0.30428764		-0.20916396	
<i>P</i>	4.96	<i>H</i>	14.0	<i>G</i>	0.15		

Residuals in seconds of arc

810209	413	1.0-	0.7-	810311	413	1.1+	0.7-	810502	413	1.5-	0.0
810213	413	0.2+	0.9-	810316	413	1.0-	0.0	930917	809	0.3-	0.4-
810302	413	1.3-	1.5+	810329	413	0.8-	1.0+	930917	809	0.2+	0.5+
810303	413	0.2+	0.3+	810408	413	0.2-	0.2+	930917	809	0.2-	0.0
810303	413	0.8+	0.3-	810408	413	1.2+	0.0	930918	809	0.5+	0.2-
810307	413	1.4-	1.4+	810411	413	0.2+	0.1+	930918	809	0.5+	0.5-
810307	413	1.4+	0.1-	810411	413	1.5+	0.9-	930918	809	0.6-	0.0
810311	413	0.7-	0.0	810426	413	1.1+	2.0-				

1981 EM₄₅

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.21711063	ω	1.45374	+0.89044512		+0.44638007	
<i>a</i>	2.7416709	Ω	331.50202	-0.41938935		+0.72928468	
<i>e</i>	0.1023583	<i>i</i>	10.70326	-0.17669202		+0.51854478	
<i>P</i>	4.54	<i>H</i>	15.5	<i>G</i>	0.15		

Residuals in seconds of arc

780901	675	0.5-	0.0	810308	413	(4.0+	0.8-)	940111	691	0.6+	0.1-
780902	675	0.5-	1.6+	810312	413	1.3+	0.2-	940111	691	0.0	0.1-
810212	413	2.4+	0.2+	810409	413	1.3-	0.7+	940116	691	0.3-	0.2+
810301	413	1.5+	0.5+	810409	413	0.6+	0.3+	940116	691	0.3+	0.1-
810308	413	1.1-	1.0+	810503	413	2.3-	0.7-	940116	691	0.6-	0.1+

1982 SG₁₂ = 1982 ST₁₂ = 1977 EJ₆Id. N. S. Chernykh (d, *MPC* 13686), S. Nakano (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Bowell			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.28142245	ω	235.24194	+0.50752697		-0.86159506	
<i>a</i>	2.3061996	Ω	184.28461	+0.82267639		+0.48744929	
<i>e</i>	0.1173889	<i>i</i>	6.44470	+0.25616386		+0.14158790	
<i>P</i>	3.50	<i>H</i>	14.6	<i>G</i>	0.15		

Residuals in seconds of arc

770312	381	1.7-	1.0+	770315	381	0.8-	0.0	910309	675	0.5+	0.4+
770312	381	0.4+	0.1-	820916	095	4.1+	0.6-	910309	675	0.5-	0.2-
770314	381	0.8+	0.3-	820918	095	2.5-	2.8+				
770315	381	1.3+	0.1-	820926	095	1.7-	1.7-				

1982 UZ₂ = 1992 MF = 1993 SA₉

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Williams			
<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.17095849	ω	100.38916	+0.31744278		+0.94660306	
<i>a</i>	3.2152070	Ω	188.76205	-0.94816405		+0.31592587	
<i>e</i>	0.1386016	<i>i</i>	21.70122	-0.01466364		+0.06429227	
<i>P</i>	5.77	<i>H</i>	12.5	<i>G</i>	0.15		

Residuals in seconds of arc

821018 807	1.4+	1.2+	920627 675	0.8-	0.4-	930917 809	1.5-	0.8-
821019 695	(4.0-	2.8-)	920627 675	2.5-	0.6-	930917 809	1.0-	0.4-
821021 807	(5.1+	0.9+)	920629 675	0.5+	0.1-	930917 809	1.3-	0.5-
821022 695	1.0-	0.6-	920629 675	0.7+	0.4+	930918 809	2.1+	0.3+
821025 807	(3.8-	1.8-)	920630 675	0.9+	0.1+	930918 809	0.9+	0.8+
821026 695	0.3-	0.5-	920630 675	1.3+	0.6+	930918 809	0.7+	0.6+

1982 VZ = 1984 EQ₁Id. T. Furuta (*JAM* 1693)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	344.00204	(2000.0)	P	Q
<i>n</i>	0.17341653	ω 298.39315	+0.38547789	-0.92238055
<i>a</i>	3.1847527	Ω 128.91164	+0.85738768	+0.34807439
<i>e</i>	0.1854048	<i>i</i> 1.83514	+0.34101782	+0.16750623
<i>P</i>	5.68	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

821115 688	(6.8-	6.7-)	840304 809	0.4-	0.2-	840308 809	0.2-	0.2-
821115 688	(7.2-	8.0-)	840304 809	0.4-	0.1+	840308 809	0.2-	0.0
821213 381	0.8-	0.3-	840304 809	0.2-	0.2+	840308 809	0.0	0.0
821213 381	0.1-	0.2-	840305 809	0.6-	0.0	930917 809	0.4+	0.4-
821214 381	0.3+	0.6+	840305 809	0.7-	0.4-	930917 809	1.9-	0.7-
821214 381	0.6+	0.2-	840305 809	0.1-	0.4-	930917 809	0.9-	0.1+
840302 809	0.8+	0.1-	840306 809	0.0	0.5+	930918 809	1.3+	0.5+
840302 809	0.8+	0.1-	840306 809	0.1+	0.3+	930918 809	0.9+	0.7+
840302 809	1.0+	0.0	840306 809	0.1+	0.5+	930918 809	0.1+	0.1+

1984 EU₁ = 1994 AL₁₅

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	341.32540	(2000.0)	P	Q
<i>n</i>	0.28554487	ω 169.74667	-0.80647047	-0.59063941
<i>a</i>	2.2839494	Ω 333.99106	+0.53796438	-0.71374435
<i>e</i>	0.1381471	<i>i</i> 3.58171	+0.24535629	-0.37644932
<i>P</i>	3.45	<i>H</i> 14.5	<i>G</i> 0.15	

Residuals in seconds of arc

840304 809	0.4-	0.4-	840306 809	0.6+	0.2+	840314 809	0.8-	0.0
840304 809	0.3-	0.3-	840310 809	1.0+	0.0	840314 809	0.3-	0.1+
840304 809	0.0	0.5-	840310 809	1.2+	0.0	940108 675	0.7+	0.0
840305 809	0.9-	0.2+	840310 809	1.3+	0.2-	940108 675	0.5-	0.9-
840305 809	0.7-	0.2+	840313 809	0.7-	0.2-	940109 675	0.6-	0.7+
840305 809	0.5-	0.5+	840313 809	0.3-	0.1-	940109 675	0.3+	0.3+
840306 809	0.8+	0.3+	840313 809	0.2+	0.0			
840306 809	0.8+	0.4+	840314 809	0.9-	0.0			

1984 HM₁ = 1991 JO₆ = 1994 CJ

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	322.97104	(2000.0)	P	Q
<i>n</i>	0.28628525	ω 159.94284	-0.99613250	+0.08585960
<i>a</i>	2.2800099	Ω 25.00488	-0.08542985	-0.89680758
<i>e</i>	0.1109354	<i>i</i> 2.53007	-0.02053734	-0.43400956
<i>P</i>	3.44	<i>H</i> 13.9	<i>G</i> 0.15	

Residuals in seconds of arc

840329 095	4.3+	0.4-	840428 809	1.1-	1.0+	910515 675	0.2-	1.2-
840404 095	3.8+	0.3-	840501 809	1.3-	0.4+	940201 896	0.5-	0.1+

840427 809	0.6-	0.5+	840501 809	0.4-	0.5+	940201 896	0.3-	0.2-
840427 809	1.2-	0.5+	840505 809	0.6-	0.1-	940202 896	0.9+	1.1-
840428 809	1.8-	0.9+	910515 675	0.7-	1.5-	940202 896	0.7-	0.3-

1986 PY₄ = 1992 QK₂ = 1993 XS₂

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	80.18968	(2000.0)	P	Q
<i>n</i>	0.17533336	ω 215.20506	+0.94029082	-0.33730301
<i>a</i>	3.1614987	Ω 164.31502	+0.33795144	+0.90923410
<i>e</i>	0.0940682	<i>i</i> 9.71176	+0.04052161	+0.24396729
<i>P</i>	5.62	<i>H</i> 11.0	<i>G</i> 0.15	

Residuals in seconds of arc

860808 095	0.4-	0.0	920825 675	0.7-	0.5+	940111 675	1.0+	0.8-
860831 095	0.1-	0.2-	931214 675	0.6+	0.2+	940111 675	0.2-	0.1+
860908 095	0.6+	0.1-	931214 675	0.2+	0.0	940116 675	2.0-	0.5+
920825 675	0.6+	0.3-	931216 675	0.0	0.2+	940116 675	0.3+	0.3-

1986 TR₂ = 1989 KT = 1993 KP₂

Id. B. A. Skiff, G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	191.71755	(2000.0)	P	Q
<i>n</i>	0.21280127	ω 347.75381	+0.57473955	-0.80313948
<i>a</i>	2.7785608	Ω 66.96426	+0.76446699	+0.45848812
<i>e</i>	0.2416649	<i>i</i> 9.82140	+0.29200115	+0.38046764
<i>P</i>	4.63	<i>H</i> 13.0	<i>G</i> 0.15	

Residuals in seconds of arc

861007 688	1.4+	0.4+	861105 688	0.1-	0.3-	890530 675	0.5+	0.2+
861007 688	0.1+	0.6-	861202 688	0.3-	1.3-	930525 691	0.5-	0.1+
861104 095	(1.5-	6.8-)	861202 688	0.5+	0.4+	930525 691	0.2-	0.8-
861105 688	0.9-	0.0	890530 675	0.6-	0.5-	930525 691	0.1-	0.7-

1986 VB₁ = 1994 BZ₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Marsden

<i>M</i>	59.95805	(2000.0)	P	Q
<i>n</i>	0.29633481	ω 155.66561	+0.56042997	-0.82351031
<i>a</i>	2.2281663	Ω 260.13644	+0.74446401	+0.54748492
<i>e</i>	0.1383309	<i>i</i> 5.12617	+0.36289337	+0.14863053
<i>P</i>	3.33	<i>H</i> 15.0	<i>G</i> 0.15	

Residuals in seconds of arc

861103 046	0.3+	0.6+	861109 046	1.5-	0.1-	940116 010	0.2+	0.4+
861104 046	(2.9+	1.2+)	861109 046	0.5+	0.8-	940117 010	0.1+	0.4-
861107 046	(2.7-	0.4+)	861205 801	0.2+	0.7+	940117 010	0.8-	0.7-
861107 046	0.5+	0.3-	940116 010	0.1+	1.1+	940117 010	0.3+	0.6-

1988 SC = 1951 TH = 1982 FE₄

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Urata

<i>M</i>	52.40039	(2000.0)	P	Q
<i>n</i>	0.23933715	ω 69.05426	+0.34378871	-0.93904098
<i>a</i>	2.5691885	Ω 0.85972	+0.75630580	+0.27475671
<i>e</i>	0.1555951	<i>i</i> 12.98421	+0.55660655	+0.20666590
<i>P</i>	4.12	<i>H</i> 13.5	<i>G</i> 0.15	

Residuals in seconds of arc

511004 760	4.6+	1.1+	880912 511	0.7-	0.0	880916 675	0.4+	1.7+
511005 760	3.9-	0.7+	880913 511	(4.0+	1.7+)	880917 511	1.4-	2.3-

511005	760	1.8-	0.4-	880913	511	(4.5+	3.5+)	880917	511	0.1+	1.1+
820331	675	1.2-	1.2-	880915	511	(2.6-	0.1-)	881007	675	0.6+	0.8-
820331	675	0.9-	1.4-	880915	511	0.2-	0.5-	881007	675	0.5+	1.9-
880910	675	0.6+	0.5-	880915	511	0.9-	0.6+	881009	675	2.2+	1.3-
880910	675	0.5+	1.1-	880915	095	(3.2-	0.9+)	881009	675	1.6+	1.5-
880911	675	0.1-	1.0+	880915	095	(8.2+	2.5+)	940202	898	0.4-	0.0
880911	675	0.9-	0.9+	880916	511	1.7-	0.9-	940202	898	0.3+	0.5-
880912	675	0.7+	0.4-	880916	511	(3.1+	0.5-)				
880912	675	1.1+	0.9-	880916	675	0.9+	2.2+				

1989 AD₃ = 1977 RJ₂ = 1991 NQ₇ = 1994 BK

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	92.19084		(2000.0)	P	Q		
<i>n</i>	0.20353186	ω	88.79284	+0.72003793	-0.69378675		
<i>a</i>	2.8622954	Ω	315.13753	+0.62832154	+0.66058235		
<i>e</i>	0.0542987	<i>i</i>	1.16395	+0.29454611	+0.28686394		
<i>P</i>	4.84	<i>H</i>	12.5	<i>G</i>	0.15		

Residuals in seconds of arc

770909	095	0.1+	0.0	910715	809	0.4-	0.6-	940123	108	0.5-	0.4-
881229	413	2.2-	2.0+	910715	809	0.3-	0.8-	940123	108	0.0	0.6+
881229	413	1.0+	0.5+	910716	809	0.3-	2.1+	940130	104	1.6+	0.2+
890104	413	0.6-	1.3+	910716	809	0.0	2.2+	940130	104	0.3+	0.4+
890104	413	0.4+	0.6+	910716	809	0.3+	2.1+	940130	104	1.4-	0.1-
890110	413	0.9+	1.0+	940116	098	0.3-	0.4-	940131	104	0.9-	1.5-
890110	413	1.3+	0.6-	940116	098	0.4-	0.4-	940131	104	1.3+	2.2-
890112	413	0.1-	2.0+	940118	098	0.1-	0.1+	940131	104	0.2+	0.4+
890112	413	(5.4+	2.7-)	940118	098	0.1+	0.0	940131	104	0.7+	0.9+
890113	413	0.6+	0.7-	940123	108	0.9-	0.4-	940131	104	0.1+	1.1+
910715	809	0.6-	0.7-	940123	108	(3.4-	0.9-)				

1989 CD₈ = 1982 YO₄ = 1994 AP₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	97.18401		(2000.0)	P	Q		
<i>n</i>	0.18863298	ω	131.58730	+0.81045794	-0.56321699		
<i>a</i>	3.0110939	Ω	263.29863	+0.47755755	+0.79448315		
<i>e</i>	0.1111353	<i>i</i>	9.33352	+0.33925906	+0.22711923		
<i>P</i>	5.23	<i>H</i>	11.9	<i>G</i>	0.15		

Residuals in seconds of arc

821223	095	0.2-	0.8-	890209	809	0.4+	0.1-	921101	400	1.1+	0.3-
890207	809	0.4-	0.1-	890209	809	0.7+	0.4-	921101	400	1.2-	0.7+
890207	809	0.4-	0.0	890211	809	0.4-	0.3-	940109	402	1.0+	0.3-
890207	809	0.7-	0.1+	890211	809	0.3-	0.3-	940109	402	0.1+	1.8+
890208	809	0.1+	0.3+	890211	809	0.2-	0.5-	940115	402	1.1-	0.3+
890208	809	0.1+	0.2+	890212	809	0.1-	0.2-	940115	402	0.5+	0.7-
890208	809	0.3+	0.2+	890212	809	0.2+	0.1+				
890209	809	0.3+	0.1+	890212	809	0.2+	0.3+				

1989 SV₃ = 1994 BF₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Marsden

<i>M</i>	47.42024		(2000.0)	P	Q		
<i>n</i>	0.27212671	ω	259.92189	+0.50272848	-0.86405456		
<i>a</i>	2.3584243	Ω	159.83354	+0.81967853	+0.46694157		
<i>e</i>	0.2196175	<i>i</i>	4.31811	+0.27457454	+0.18808320		
<i>P</i>	3.62	<i>H</i>	16.0	<i>G</i>	0.15		

Residuals in seconds of arc

890926	809	1.3+	0.9+	891003	809	(0.0	3.3-)	891008	809	1.0+	0.7-
890926	809	0.7+	0.4+	891003	809	1.1-	0.3-	891008	809	0.3+	0.2+
890926	809	0.7+	0.9+	891003	809	1.3-	0.2-	940116	010	1.0+	0.4+
890928	809	0.2-	1.1-	891003	809	0.9-	0.7+	940116	010	0.0	0.5+
890928	809	0.2-	1.8-	891007	809	0.2-	0.5+	940117	010	0.5+	0.2-
890928	809	1.2-	1.8-	891007	809	0.2+	1.1+	940117	010	0.4-	0.0
891003	809	(0.7-	3.4-)	891007	809	0.8-	1.8+	940117	010	1.1-	0.8-
891003	809	(0.3-	3.9-)	891008	809	2.0+	0.5-				

1989 TW = 1994 CG

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	120.27202		(2000.0)	P	Q		
<i>n</i>	0.29688574	ω	84.51942	+0.98264720	-0.16824658		
<i>a</i>	2.2254089	Ω	285.14891	+0.12127137	+0.90130211		
<i>e</i>	0.1614989	<i>i</i>	4.64020	+0.14034865	+0.39918366		
<i>P</i>	3.32	<i>H</i>	14.5	<i>G</i>	0.15		

Residuals in seconds of arc

890927	675	1.0-	1.2+	891004	881	1.8+	1.0-	Y	940206	595	0.8-	0.2-
890928	675	0.1-	0.6+	891004	881	(4.4+	0.8+)		940206	595	0.4-	0.2-
890928	675	1.7+	1.6-	891005	095	0.2-	0.7+		940206	595	0.3+	0.1-
890929	675	0.0	0.8+	891005	095	(3.9+	1.5-)		940208	595	1.3+	0.4+
890929	675	1.3-	0.9-	891008	881	0.9-	0.2+	Y	940208	595	0.4-	0.2+

1991 GR = 1972 VA

Id. K. Lawrence (1994 observations), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	82.46721		(2000.0)	P	Q		
<i>n</i>	0.24019133	ω	0.21207	+0.94123972	-0.32552641		
<i>a</i>	2.5630938	Ω	19.53487	+0.30947204	+0.72455357		
<i>e</i>	0.1238430	<i>i</i>	15.61430	+0.13525842	+0.60749871		
<i>P</i>	4.10	<i>H</i>	11.0	<i>G</i>	0.15		

Residuals in seconds of arc

721110	095	0.6-	0.9+	910410	675	0.9-	0.1+	940112	675	0.3-	0.2+
910408	675	1.5+	0.1+	910508	675	0.2-	0.9-	940116	675	0.3-	0.2-
910408	675	1.5+	1.2+	910508	675	1.1-	0.5+				
910410	675	0.2-	0.1+	940112	675	0.5+	0.3-				

1991 GT₅ = 1993 SZ₇

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	170.98362		(2000.0)	P	Q		
<i>n</i>	0.17445586	ω	53.91687	-0.80304735	+0.59589968		
<i>a</i>	3.1720913	Ω	162.65862	-0.55127807	-0.74013326		
<i>e</i>	0.1296042	<i>i</i>	0.82726	-0.22629061	-0.31161888		
<i>P</i>	5.65	<i>H</i>	13.5	<i>G</i>	0.15		

Residuals in seconds of arc

910408	809	0.3-	0.7-	910410	809	0.9-	0.0	930917	809	0.6+	0.0
910408	809	0.6+	0.9-	910419	809	0.7+	0.7+	930917	809	1.8-	0.1+
910408	809	0.0	1.1-	910419	809	0.2+	0.7+	930918	809	1.4+	0.2-
910410	809	0.2-	0.3+	910419	809	0.2+	0.6+	930918	809	0.8-	0.8-
910410	809	0.3-	0.1+	930917	809	1.1+	0.6+	930918	809	0.4-	0.1-

1991 NR₂

Id. R. H. McNaught (1982, 1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Williams	
<i>n</i>	0.22705845	ω	27.81001	+0.68569122	+0.67020794				
<i>a</i>	2.6609963	Ω	287.08643	-0.71074389	+0.53228790				
<i>e</i>	0.4043667	<i>i</i>	17.28355	-0.15706898	+0.51719524				
<i>P</i>	4.34	<i>H</i>	14.0	<i>G</i>	0.15				

Residuals in seconds of arc

820501 413 0.0 0.2+	911005 801 0.3+	0.0	911105 801 0.2+	0.1+
910712 675 0.2-	911005 801 0.2+	0.0	940121 413 0.7-	0.5-
910712 675 0.2+	911007 801 0.0	0.2+	940121 413 0.2+	1.3-
910809 675 0.2+	911008 801 0.2+	0.2+	940122 413 0.8-	0.8-
910809 675 0.4-	911009 801 0.1-	0.5+	940122 413 0.9-	0.2-
910912 675 0.4+	911010 801 0.2+	0.2+	940123 413 0.5-	1.2-
910912 675 0.4+	911011 801 0.1+	0.4+	940123 413 0.9-	1.3-
911004 801 0.2+	911011 801 0.2+	0.3+		
911004 801 0.0	911105 801 0.4+	0.0		

1991 PB₂ = 1991 RL₁₁ = 1994 BO₁Id. G. V. Williams (d, *MPC* 21540; unpublished)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Williams	
<i>n</i>	0.23317746	ω	114.32622	-0.67852488	+0.72740821				
<i>a</i>	2.6142373	Ω	112.53945	-0.70773717	-0.61002274				
<i>e</i>	0.1998054	<i>i</i>	6.36402	-0.19675385	-0.31424441				
<i>P</i>	4.23	<i>H</i>	14.5	<i>G</i>	0.15				

Residuals in seconds of arc

910802 809 1.2+	910814 809 1.0-	0.2+	910907 809 0.3+	0.7-
910802 809 0.7-	910814 809 0.9+	0.1+	940117 691 0.0	0.4-
910802 809 0.5-	910904 809 2.7+	0.0	940117 691 0.2-	1.1+
910807 809 2.3+	910904 809 0.9+	0.6+	940117 691 0.2+	0.3+
910807 809 0.5-	910904 809 2.6-	0.5+	940118 691 0.4+	1.0-
910807 809 1.0-	910907 809 0.5-	0.1-	940118 691 0.5+	0.0
910814 809 1.1-	910907 809 0.5-	0.7-	940118 691 0.9-	0.2+

1992 JQ = 1993 SY₆

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Williams	
<i>n</i>	0.23237076	ω	54.39062	-0.51428704	+0.85743453				
<i>a</i>	2.6202842	Ω	184.76368	-0.83963821	-0.50761172				
<i>e</i>	0.1815457	<i>i</i>	12.33746	-0.17468977	-0.08447705				
<i>P</i>	4.24	<i>H</i>	13.5	<i>G</i>	0.15				

Residuals in seconds of arc

920504 372 0.5+	920524 372 0.1+	0.5+	930918 809 0.6+	0.9+
920504 372 0.5-	920524 372 0.3-	2.1+	930918 809 0.4+	0.2+
920510 372 0.2+	930917 809 0.3+	0.3+	930918 809 0.1+	0.1+
920510 372 0.3+	930917 809 0.6-	0.4-		
920522 372 0.3-	930917 809 0.7-	1.3-		

1992 LJ = 1976 GF₄ = 1993 TR₂₄

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Williams	
<i>n</i>	0.25209011	ω	100.56992	-0.40949716	+0.91139024				
<i>a</i>	2.4817928	Ω	145.16590	-0.86258194	-0.37215466				
<i>e</i>	0.1436584	<i>i</i>	4.11480	-0.29709336	-0.17569503				
<i>P</i>	3.91	<i>H</i>	13.5	<i>G</i>	0.15				

Residuals in seconds of arc

760402 095 0.1+	920606 675 0.0	0.3+	931011 809 0.5-	0.3-
920428 675 0.3+	920606 675 0.0	0.2+	931011 809 0.1-	0.2+
920428 675 1.5-	920628 675(35.7+ 64.9-)		931011 809 0.1+	0.4+
920603 675 0.3+	920628 675(33.2+ 61.7-)		931020 809 0.2+	1.1-
920603 675 0.3+	931009 809 1.1+	0.5+	931020 809 0.4-	0.2+
920605 675 0.9-	931009 809 0.4+	0.2+	931020 809 0.7-	0.8-
920605 675 1.5+	931009 809 0.0	0.1+		

1992 PV = 1994 BC₄

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Marsden	
<i>n</i>	0.27922224	ω	173.90235	+0.95873743	-0.28379267				
<i>a</i>	2.3182986	Ω	202.60632	+0.25894549	+0.89619804				
<i>e</i>	0.0716213	<i>i</i>	2.51384	+0.11734467	+0.34101436				
<i>P</i>	3.53	<i>H</i>	15.0	<i>G</i>	0.15				

Residuals in seconds of arc

920726 809 0.0	920808 010 0.9+	1.3+	940116 010 0.2+	0.7-
920726 809 0.2-	920808 010 1.3-	0.1+	940116 010 1.0+	0.6+
920726 809 0.6-	920808 010 1.8-	1.5-	940117 010 0.5-	1.0+
920730 809 0.1-	920809 010 1.3+	0.9+	940117 010 0.9-	0.4+
920730 809 0.3+	920809 010 0.2+	0.4-	940117 010 0.1+	1.2-
920730 809 1.1+	920809 010 0.2+	0.5+		

1992 SW₁₇ = 1974 XH

Id. G. V. Williams, S. Nakano (1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Nakano	
<i>n</i>	0.21653490	ω	94.06960	+0.93565331	-0.26091344				
<i>a</i>	2.7465285	Ω	281.17778	+0.13988558	+0.89240049				
<i>e</i>	0.1561618	<i>i</i>	14.01904	+0.32401374	+0.36816512				
<i>P</i>	4.55	<i>H</i>	11.7	<i>G</i>	0.15				

Residuals in seconds of arc

741214 095 0.3-	921119 675 0.1-	0.6+	930126 801 1.1+	0.1-
920929 675 0.1+	921119 675 0.5+	0.9+	930126 801 1.2+	0.1+
920929 675 0.2+	921124 675 0.1+	1.3-	940115 399 0.5-	1.2-
921001 675 0.0	921124 675 0.9-	0.7-	940115 399 1.1-	1.4-
921001 675 0.0	930124 801 0.0	1.0-		

1992 UZ = 1994 BV

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

M		(2000.0)		P		Q		Urata	
<i>n</i>	0.23593852	ω	281.46584	+0.92483575	+0.32245676				
<i>a</i>	2.5938020	Ω	60.00901	-0.18833378	+0.84901603				
<i>e</i>	0.2877682	<i>i</i>	13.46977	-0.33046820	+0.41856113				
<i>P</i>	4.18	<i>H</i>	12.5	<i>G</i>	0.15				

Residuals in seconds of arc

921021 385	1.3+	0.4-	921030 885	1.5+	0.1+	940116 385	0.5-	0.0
921021 385	1.0-	0.9-	921118 385	1.4-	0.1-	940116 385	0.1+	0.1-
921025 385	0.4+	0.4+	921118 385	1.0+	1.2+	940119 385	0.2+	0.6-
921025 385	1.1-	0.9+	921123 385	0.1+	0.0	940119 385	0.2-	0.5+
921027 885	0.1+	0.7-	921123 385	0.5-	0.4-	940119 385	0.4+	0.3+
921027 885	0.0	0.2+	921214 385	0.1+	0.2-			
921030 885	1.0-	0.3+	921214 385	0.6+	0.6-			

1992 UZ₂ = 1994 BG₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	92.47908	(2000.0)	P	Q
<i>n</i>	0.19962269	ω 335.93575	+0.69180303	-0.72025450
<i>a</i>	2.8995423	Ω 70.24578	+0.67104443	+0.61498343
<i>e</i>	0.0720048	<i>i</i> 3.13075	+0.26666073	+0.32098106
<i>P</i>	4.94	<i>H</i> 12.1	<i>G</i> 0.15	

Residuals in seconds of arc

921025 376	1.6-	0.0	921031 376	1.9+	1.1-	921129 376	0.7+	1.6-
921025 376	0.1+	0.0	921031 376	0.7+	0.2-	940123 411	0.3+	2.1-
921027 376	0.4+	1.3-	921118 376	0.8+	2.0+	940123 411	0.4+	0.2+
921027 376	0.1+	1.0-	921118 376	0.2-	1.2+	940124 411	0.1+	0.1+
921031 376	1.2-	1.0+	921122 376	0.9-	0.5-	940124 411	1.0-	0.9+
921031 376	0.1+	1.5+	921122 376	0.9-	0.2-	940124 411	0.2+	0.9+

1992 VC = 1970 GK₂

Id. N. Kawasato (1994 observations), S. Nakano

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	192.00021	(2000.0)	P	Q
<i>n</i>	0.23725778	ω 249.82148	+0.55230752	+0.80964960
<i>a</i>	2.5841779	Ω 55.28890	-0.64583995	+0.56617131
<i>e</i>	0.1932093	<i>i</i> 13.97749	-0.52711209	+0.15465308
<i>P</i>	4.15	<i>H</i> 12.3	<i>G</i> 0.15	

Residuals in seconds of arc

700413 805	0.3+	0.2+	921102 399	2.3-	1.5-	921122 376	0.7-	1.5+
700413 805	0.5-	0.3-	921102 376	0.4+	1.4+	921122 376	1.3-	2.0+
700413 805	0.3+	0.1+	921102 376	0.1+	0.9+	921129 376	2.1+	0.7-
921028 400	1.7-	1.2+	921102 376	1.1+	0.0	921129 376	0.6-	0.1-
921028 400	0.3+	1.7-	921118 376	0.9+	0.7+	940119 376	0.8-	1.1-
921031 376	0.9+	1.0-	Y 921118 376	0.1-	1.7+	940119 376	0.8+	1.0+
921031 376	1.2+	0.7-	Y 921121 366	0.8+	1.4-			
921102 399	1.8-	0.6-	921121 366	0.8+	1.7-			

1992 WL = 1982 YW₁ = 1994 CU

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	22.15626	(2000.0)	P	Q
<i>n</i>	0.18756906	ω 74.93175	-0.51337296	-0.84722323
<i>a</i>	3.0224694	Ω 46.79335	+0.69765875	-0.50472686
<i>e</i>	0.0384062	<i>i</i> 10.80201	+0.49972039	-0.16572144
<i>P</i>	5.25	<i>H</i> 11.8	<i>G</i> 0.15	

Residuals in seconds of arc

821224 095	0.0	3.7-	921118 399	0.6+	0.8-	921215 400	1.5-	0.6+
921028 400	1.1-	2.6-	921118 399	0.1+	0.1-	940204 399	1.1-	0.7-
921028 400	0.5-	1.3-	921118 402	1.6+	0.2-	940204 399	0.4-	1.1+
921116 399	0.6-	0.5+	921118 402	2.0+	1.8+	940205 399	0.9+	0.4+

921116 399	0.5-	0.2+	921127 399	0.1+	1.4+	940205 399	1.5+	1.1+
921117 402	1.0-	1.0-	921127 399	0.4-	2.4+			
921117 402	1.0+	0.0	921215 400	1.4-	1.5+			

1993 SK₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	338.09252	(2000.0)	P	Q
<i>n</i>	0.16959300	ω 128.39966	+0.18082765	-0.98306285
<i>a</i>	3.2324422	Ω 311.15541	+0.88956452	+0.17640795
<i>e</i>	0.2728506	<i>i</i> 2.26926	+0.41949533	+0.04967562
<i>P</i>	5.81	<i>H</i> 13.0	<i>G</i> 0.15	

From 13 observations 1993 Sept. 15-1994 Jan. 23, mean residual 0^u.99.**1993 TA₂₄ = 1989 YW₁**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	156.98218	(2000.0)	P	Q
<i>n</i>	0.17337569	ω 137.62934	-0.52679326	+0.84881903
<i>a</i>	3.1852528	Ω 100.53549	-0.79152686	-0.47072736
<i>e</i>	0.1142924	<i>i</i> 2.60400	-0.30979687	-0.24066992
<i>P</i>	5.68	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

891230 413	1.5-	0.6+	931009 809	0.6+	0.6+	931020 809	0.2+	0.0
891230 413	0.1+	0.4-	931009 809	0.4+	0.2+	931020 809	0.1+	0.1+
891231 413	0.2-	0.4-	931011 809	0.9-	0.2-	931020 809	0.0	0.0
891231 413	1.6+	0.2+	931011 809	0.2-	0.0			
931009 809	0.7+	0.5-	931011 809	1.0-	0.3-			

1993 TY₂₄ = 1977 RW₉

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	28.60164	(2000.0)	P	Q
<i>n</i>	0.31013064	ω 215.61065	+0.82009179	-0.57223164
<i>a</i>	2.1615881	Ω 179.29442	+0.53618879	+0.76805019
<i>e</i>	0.1050723	<i>i</i> 2.94342	+0.19987753	+0.28748889
<i>P</i>	3.18	<i>H</i> 16.5	<i>G</i> 0.15	

Residuals in seconds of arc

770909 675	0.2-	0.7+	931009 809	0.5+	0.7-	931011 809	0.6+	0.9+
770910 675	0.2-	0.5+	931009 809	0.3-	1.6-	931020 809	0.2-	1.5+
930919 691	0.4-	0.8-	931009 809	0.7-	1.3-	931020 809	0.9+	1.0+
930919 691	0.1+	0.8-	931011 809	0.4+	0.8+	931020 809	1.3-	0.2+
930919 691	0.4+	0.8-	931011 809	0.2+	0.6+			

1993 TP₂₆ = 1977 XL₃ = 1983 YB₁Id. G. V. Williams; 1992 SB₂₂ = 1977 XL₃ (MPC 22816) is invalid

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	217.34627	(2000.0)	P	Q
<i>n</i>	0.17564852	ω 67.69947	-0.98273885	+0.17842589
<i>a</i>	3.1577159	Ω 122.54728	-0.18377829	-0.91128528
<i>e</i>	0.1010170	<i>i</i> 3.32379	-0.02121092	-0.37111095
<i>P</i>	5.61	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

771207 675	0.1-	1.4+	931009 809	0.1+	0.7-	931020 809	0.5+	0.6+
771208 675	0.4-	1.6+	931009 809	0.2-	1.2-	931020 809	0.3+	1.1+
831230 675	0.2+	1.7-	931011 809	0.5+	0.2-	931020 809	0.8+	1.5+

840108 675 0.3- 0.6- 931011 809 0.5- 0.9-
 931009 809 0.1- 0.9- 931011 809 0.8- 0.6-

1993 UB

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Bardwell

<i>M</i>	24.17752		(2000.0)	P	Q
<i>n</i>	0.28694950	ω	20.74589	+0.62943685	-0.74488622
<i>a</i>	2.2764899	Ω	31.51743	+0.63989924	+0.33534561
<i>e</i>	0.4607339	<i>i</i>	25.03966	+0.44083809	+0.57679098
<i>P</i>	3.43	<i>H</i>	16.5	<i>G</i>	0.15

From 59 observations 1993 Oct. 25-1994 Feb. 8, mean residual 0^{''}.61.**1993 UZ₂**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	21.06459		(2000.0)	P	Q
<i>n</i>	0.22725811	ω	309.08051	+0.73955478	-0.45136187
<i>a</i>	2.6594375	Ω	83.34737	+0.65840029	+0.63927107
<i>e</i>	0.2562893	<i>i</i>	30.17983	-0.13988489	+0.62257928
<i>P</i>	4.34	<i>H</i>	14.0	<i>G</i>	0.15

From 11 observations 1993 Oct. 21-1994 Jan. 22, mean residual 0^{''}.63.**1993 VA = 1963 TL₁ = 1986 JN**

Id. E. Bowell, G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

(M-N) Williams

<i>M</i>	32.29230		(2000.0)	P	Q
<i>n</i>	0.62413098	ω	336.39403	-0.33901601	-0.93627693
<i>a</i>	1.3560808	Ω	133.28080	+0.88201860	-0.35031799
<i>e</i>	0.3910999	<i>i</i>	7.25560	+0.32727869	-0.02574529
<i>P</i>	1.58	<i>H</i>	17.0	<i>G</i>	0.15

Residuals in seconds of arc

631015 675	0.2-	1.0+	931113 474	0.2-	0.7-	931119 413	0.7+	1.0-
631015 675	0.0	2.0+	931113 474	0.1+	0.4-	931119 413	0.5+	0.9-
631015 675	(0.7+	4.8+)	931113 474	0.2+	0.4+	931119 413	0.4+	0.9-
860508 675	0.5-	1.7+	931113 474	0.5+	0.3+	931120 413	0.6+	0.7-
860508 675	1.0+	0.1-	931114 474	0.5-	1.0-	931120 413	0.8+	1.0-
931107 413	(0.7+	2.7+)	931114 474	0.4-	0.7-	940121 413	0.8-	0.7+
931107 413	(0.8+	6.6+)	931114 413	(1.8-	3.0-)	940122 413	0.9-	1.0+
931109 413	0.3+	0.2-	931114 323	(4.8+	1.9-)	940122 413	0.4-	0.3+
931109 413	0.5+	1.5-	931114 474	0.3-	0.1-	940122 413	0.4-	0.2+
931109 413	0.6+	0.5-	931114 474	0.4-	0.7-	940123 413	0.3-	0.8+
931109 413	0.6+	1.0+	931114 323	(2.2+	1.3-)	940123 413	0.0	0.3+
931110 413	0.5-	0.4-	931116 474	0.3-	0.6+			
931110 413	0.5-	0.3-	931116 474	0.3-	0.6+			

1993 VX = 1979 YN₁

Id. S. Nakano, E. Bowell (1955 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Bowell

<i>M</i>	20.57406		(2000.0)	P	Q
<i>n</i>	0.21253673	ω	336.00493	+0.38657253	-0.91198793
<i>a</i>	2.7808660	Ω	91.01431	+0.86681068	+0.30845819
<i>e</i>	0.1465278	<i>i</i>	7.89044	+0.31496177	+0.27042847
<i>P</i>	4.64	<i>H</i>	12.3	<i>G</i>	0.15

Residuals in seconds of arc

550724 675	0.2+	0.1-	931116 868	0.4+	0.2+	931212 411	0.1-	0.3-
550724 675	0.0	0.7-	931118 411	0.1+	0.0	931217 894	1.1+	0.5-
791223 095	0.1-	2.0+	931118 411	0.0	0.1-	931217 894	(3.1-	3.1-)
791223 095	1.4-	2.2+	931118 411	0.2+	0.0	931218 894	0.1-	0.2-
931115 411	0.0	0.1-	931124 411	0.4+	0.1-	931218 894	0.7-	0.7+
931115 411	0.3-	0.3-	931124 411	0.2+	0.4-	931219 894	1.5-	0.1+
931115 868	1.0+	0.1-	931124 411	0.5+	0.4-	931219 894	0.1-	0.7-
931115 868	0.0	0.7+	931204 411	0.1+	0.3+	940104 411	0.5+	1.2-
931116 411	0.8-	0.3-	931204 411	0.4+	0.1-	940104 411	0.5+	0.6-
931116 411	0.9-	0.4-	931204 411	0.7+	0.1+	940104 411	0.4+	0.8-
931116 411	1.2-	0.2-	931212 411	0.1-	0.2-			
931116 868	0.1+	0.4+	931212 411	0.1+	0.1-			

1993 VL₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	12.02356		(2000.0)	P	Q
<i>n</i>	0.19288031	ω	302.95860	+0.81060004	-0.43819773
<i>a</i>	2.9667261	Ω	85.79546	+0.57581986	+0.71716573
<i>e</i>	0.2045927	<i>i</i>	22.92464	-0.10657893	+0.54190043
<i>P</i>	5.11	<i>H</i>	14.0	<i>G</i>	0.15

From 9 observations 1993 Oct. 8-1994 Jan. 21, mean residual 0^{''}.65.**1993 VK₂**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	93.47562		(2000.0)	P	Q
<i>n</i>	0.23616705	ω	255.65085	+0.88754105	+0.37678860
<i>a</i>	2.5921284	Ω	81.65840	-0.24593842	+0.87409347
<i>e</i>	0.1411314	<i>i</i>	15.54403	-0.38959617	+0.30657946
<i>P</i>	4.17	<i>H</i>	12.5	<i>G</i>	0.15

From 35 observations 1993 Nov. 14-1994 Feb. 9, mean residual 0^{''}.44.**1993 VX₃ = 1986 RP₆ = 1986 TP₈**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	15.99192		(2000.0)	P	Q
<i>n</i>	0.30003490	ω	196.24889	+0.24321407	-0.96755106
<i>a</i>	2.2098096	Ω	239.71976	+0.89852784	+0.25133753
<i>e</i>	0.0988783	<i>i</i>	4.54940	+0.36536919	+0.02596898
<i>P</i>	3.28	<i>H</i>	13.5	<i>G</i>	0.15

Residuals in seconds of arc

860906 095	1.3-	1.8-	931209 408	0.9+	0.3-	931218 408	0.1-	0.5-
861002 095	1.5+	1.6+	931209 408	1.9+	0.3-	931218 408	0.3-	1.1-
931114 408	(0.2+	4.2-)	931209 408	1.9+	1.8+	940112 691	0.1-	0.4-
931114 408	1.3-	1.4-	931217 691	0.9-	0.0	940112 691	0.9+	0.0
931115 408	0.3+	1.3+	931217 691	0.9-	0.1+	940112 691	1.0-	0.2-
931115 408	0.4-	0.7+	931217 691	1.0-	0.0			

1993 VC₅

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	15.53943	(2000.0)	P	Q
<i>n</i>	0.26983278	ω 251.02032	+0.57588157	-0.80989937
<i>a</i>	2.3717719	Ω 162.39493	+0.81713356	+0.57448747
<i>e</i>	0.3262931	<i>i</i> 21.62437	-0.02555692	+0.11843632
<i>P</i>	3.65	<i>H</i> 14.5	<i>G</i> 0.15	

From 11 observations 1993 Nov. 4–1994 Jan. 22, mean residual 0^u.91.**1993 VV₇**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	17.52024	(2000.0)	P	Q
<i>n</i>	0.21793857	ω 301.21160	+0.48592551	-0.70434168
<i>a</i>	2.7347228	Ω 110.52329	+0.86253248	+0.48205818
<i>e</i>	0.3367696	<i>i</i> 33.54172	-0.14111743	+0.52107841
<i>P</i>	4.52	<i>H</i> 13.5	<i>G</i> 0.15	

From 12 observations 1993 Nov. 10–1994 Jan. 23, mean residual 0^u.31.**1993 XP₁ = 1989 VC₃**

Id. S. Nakano, E. Bowell (1953 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Bowell

<i>M</i>	312.41787	(2000.0)	P	Q
<i>n</i>	0.27778516	ω 17.32146	-0.98172741	-0.18578146
<i>a</i>	2.3262873	Ω 151.87147	+0.16260434	-0.93143252
<i>e</i>	0.0424219	<i>i</i> 5.01212	+0.09884896	-0.31291965
<i>P</i>	3.55	<i>H</i> 13.9	<i>G</i> 0.15	

Residuals in seconds of arc

531001 675	0.8–	0.2+	931215 411	0.1–	0.1–	931223 411	0.1+	0.1+
531001 675	0.7+	0.1+	931217 411	0.9–	0.2+	940104 411	0.6+	1.0+
891103 809	0.6–	0.2–	931217 411	0.5+	0.4+	940104 411	0.9–	0.5–
891103 809	0.0	0.4–	931217 411	0.7–	1.3–	940104 411	0.4+	0.1+
891103 809	0.6+	0.4+	931223 411	0.6+	0.3+			
931215 411	0.5+	0.5+	931223 411	0.1+	0.5–			

1993 XN₂

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	44.33386	(2000.0)	P	Q
<i>n</i>	0.31988513	ω 312.91319	+0.91456055	-0.16238118
<i>a</i>	2.1174184	Ω 59.74901	+0.35874261	+0.74862350
<i>e</i>	0.5358870	<i>i</i> 25.39228	-0.18676920	+0.64280262
<i>P</i>	3.08	<i>H</i> 16.0	<i>G</i> 0.15	

From 22 observations 1993 Dec. 10–1994 Feb. 8, mean residual 0^u.64.**1993 XR₂ = 1953 UH₁ = 1989 UO₄**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	4.00921	(2000.0)	P	Q
<i>n</i>	0.27446039	ω 267.03111	-0.42753060	-0.90238312
<i>a</i>	2.3450365	Ω 208.47460	+0.86791373	-0.39300214
<i>e</i>	0.1304156	<i>i</i> 6.51046	+0.25287021	-0.17678807
<i>P</i>	3.59	<i>H</i> 13.0	<i>G</i> 0.15	

Residuals in seconds of arc

531031 675	0.2+	1.5–	891023 046	(4.3+ 4.6+)	931216 675	0.6+	0.7–
531031 675	0.5+	0.7–	891024 046	(0.8– 4.3+)	931216 675	0.4–	0.0
891022 046	2.0+	0.6–	891024 046	0.4–	3.1+	940111 675	0.3+

891022 046	1.5–	0.4–	931214 675	0.1+	1.0+	940111 675	0.7–	0.2–
891023 046	0.6–	0.2+	931214 675	0.0	0.3–			

1993 XT₂ = 1986 VU₄ = 1991 OK

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	194.63817	(2000.0)	P	Q
<i>n</i>	0.16866231	ω 112.68149	+0.11888837	+0.99159841
<i>a</i>	3.2443226	Ω 163.89504	-0.96503566	+0.12747678
<i>e</i>	0.0436101	<i>i</i> 10.58830	-0.23360591	-0.02196054
<i>P</i>	5.84	<i>H</i> 10.5	<i>G</i> 0.15	

Residuals in seconds of arc

861107 010	3.9–	1.0–	910718 675	0.8+	0.4+	931216 675	0.2–	0.6+
861107 010	3.9+	1.0+	910718 675	0.2–	0.3–	931216 675	0.4+	0.0
910716 675	0.0	0.0	931214 675	0.2+	0.7–	940116 675	1.7–	0.6+
910716 675	0.7–	0.1+	931214 675	2.0+	0.2–	940116 675	0.8–	0.3–

1993 YU

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	95.44491	(2000.0)	P	Q
<i>n</i>	0.25878251	ω 43.40992	+0.37006843	+0.91649385
<i>a</i>	2.4388183	Ω 248.83909	-0.89067090	+0.30352084
<i>e</i>	0.2383056	<i>i</i> 9.37731	-0.26411115	+0.26060338
<i>P</i>	3.81	<i>H</i> 13.5	<i>G</i> 0.15	

From 29 observations 1993 Oct. 13–1994 Jan. 31, mean residual 0^u.37.**1994 AC = 1986 SM₁ = 1991 BC₂**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	50.11702	(2000.0)	P	Q
<i>n</i>	0.30662993	ω 160.26247	+0.56365470	-0.82429426
<i>a</i>	2.1780091	Ω 255.39429	+0.75027023	+0.53785865
<i>e</i>	0.0928425	<i>i</i> 3.15270	+0.34552564	+0.17676834
<i>P</i>	3.21	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

860929 010	2.5–	1.9–	931206 372	(3.6+ 1.9–)	940102 411	0.4–	0.3+
860929 010	2.6+	1.8+	931206 372	0.6+	1.2–	940103 411	0.8+
910121 511	0.9–	0.3+	931206 372	0.3–	0.0	940103 411	0.1–
910121 511	0.4–	0.1+	940102 411	0.5–	0.3+	940103 411	0.1+
910123 511	1.1+	0.9–	940102 411	0.2–	0.1+		

1994 AO = 1953 UQ = 1969 VZ₂ = 1972 HK₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Urata

<i>M</i>	0.43055	(2000.0)	P	Q
<i>n</i>	0.12472105	ω 250.21223	-0.10046362	-0.98647949
<i>a</i>	3.9674325	Ω 206.59155	+0.98628591	-0.08161475
<i>e</i>	0.1873318	<i>i</i> 16.81367	+0.13094715	-0.14211699
<i>P</i>	7.90	<i>H</i> 10.7	<i>G</i> 0.15	

Residuals in seconds of arc

531018 760	0.5–	0.1+	940106 385	0.3–	0.3+	940109 385	0.1+	0.1+
531018 760	0.3–	0.3+	940106 385	0.1+	0.2+	940114 385	0.1+	0.4+
531105 760	0.8+	1.9+	940106 385	0.2–	0.2+	940114 385	0.1–	0.2+
531105 760	(0.0 4.7+)		940106 385	0.1–	0.1+	940114 385	0.1–	0.2+
691115 095	0.0	1.5–	940107 385	0.5–	0.4+	940116 898	0.2–	0.3+
720419 805	0.4–	1.0+	940107 385	0.1–	0.2+	940116 898	1.0+	1.3–
720419 805	0.5+	0.1+	940107 385	0.2+	0.2+	940130 887	0.1–	0.1+

940104 898 0.2+ 1.1- 940109 385 0.2- 0.1+ 940130 887 0.1+ 0.2+
 940104 898 0.0 0.8- 940109 385 0.1+ 0.3+

1994 AB₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	22.63629	(2000.0)	P	Q
<i>n</i>	0.20588963	ω 342.45012	+0.64774059	-0.75838130
<i>a</i>	2.8404015	Ω 67.11318	+0.70812169	+0.56408238
<i>e</i>	0.5916598	<i>i</i> 4.52804	+0.28106191	+0.32660200
<i>P</i>	4.79	<i>H</i> 16.0	<i>G</i> 0.15	

From 23 observations 1993 Dec. 22–1994 Feb. 3, mean residual 0^u.66.**1994 AW₁**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	169.53173	(2000.0)	P	Q
<i>n</i>	0.84916505	ω 37.04359	+0.79434527	+0.47208755
<i>a</i>	1.1044379	Ω 290.46482	-0.60744939	+0.62202967
<i>e</i>	0.0753094	<i>i</i> 24.08223	+0.00456406	+0.62466986
<i>P</i>	1.16	<i>H</i> 17.5	<i>G</i> 0.15	

From 131 observations 1994 Jan. 7–Feb. 9, mean residual 0^u.65.**1994 AB₂ = 1977 UQ₄ = 1991 NV₅**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	19.54979	(2000.0)	P	Q
<i>n</i>	0.19622775	ω 230.66010	-0.23539457	-0.97184169
<i>a</i>	2.9328899	Ω 232.95801	+0.89574981	-0.21269174
<i>e</i>	0.0210324	<i>i</i> 0.76347	+0.37712290	-0.10141965
<i>P</i>	5.02	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

771018 675	0.2-	0.2-	910711 809	0.3-	0.7+	940111 896	0.8-	1.3+
771019 675	0.2+	0.2+	940108 691	1.0-	0.2-	940113 691	0.4-	0.2-
910710 809	0.4+	0.9-	940108 691	0.1+	0.3-	940113 691	0.5-	0.0
910710 809	0.5+	1.0-	940108 691	0.2-	0.4-	940113 691	0.4-	1.0-
910710 809	0.7+	0.6-	940109 896	0.8-	0.8+	940114 896	0.2+	0.3+
910711 809	0.8-	0.9+	940109 896	1.1+	0.2-	940114 896	0.6+	0.1+
910711 809	0.5-	0.8+	940111 896	2.1+	0.2-	940119 896	(1.5-	4.1+)

1994 AF₂ = 1977 CX₂ = 1987 WE₂

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	100.82556	(2000.0)	P	Q
<i>n</i>	0.17232868	ω 268.84243	+0.91747366	-0.29399036
<i>a</i>	3.1981415	Ω 108.20786	+0.36956532	+0.87918840
<i>e</i>	0.0774943	<i>i</i> 16.38571	-0.14718545	+0.37496323
<i>P</i>	5.72	<i>H</i> 12.0	<i>G</i> 0.15	

Residuals in seconds of arc

770212 675	0.1-	0.2+	940109 411	0.6+	0.5-	940114 411	0.5+	0.3-
770213 675	0.1+	0.1+	940109 411	0.9+	0.3-	940121 691	1.0-	0.1-
871126 033	0.2-	0.3+	940114 411	0.5+	0.2+	940121 691	1.8-	0.3+
871126 033	0.2+	0.1-	940114 411	0.9+	0.3+	940121 691	0.5-	0.2-

1994 AH₂

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	342.48079	(2000.0)	P	Q
<i>n</i>	0.24594467	ω 24.82657	-0.98544722	+0.16392959
<i>a</i>	2.5229643	Ω 164.40897	-0.16995765	-0.95467325
<i>e</i>	0.7112324	<i>i</i> 9.62848	+0.00285803	-0.24844732
<i>P</i>	4.01	<i>H</i> 15.5	<i>G</i> 0.15	

From 27 observations 1994 Jan. 5–Feb. 8, mean residual 0^u.44.**1994 AO₂ = 1992 OG₆**

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Ichikawa

<i>M</i>	52.79662	(2000.0)	P	Q
<i>n</i>	0.23311861	ω 111.42900	+0.49693811	-0.85395668
<i>a</i>	2.6146772	Ω 307.83344	+0.70615323	+0.50128644
<i>e</i>	0.1691750	<i>i</i> 11.26663	+0.50438093	+0.13953456
<i>P</i>	4.23	<i>H</i> 13.5	<i>G</i> 0.15	

Residuals in seconds of arc

920730 809	0.9+	0.4-	920731 809	0.5-	0.9-	940114 411	0.4-	0.8-
920730 809	0.8+	0.7+	940109 411	0.3+	0.2-	940115 411	0.3+	0.1+
920730 809	1.0-	0.5+	940109 411	0.4-	0.1+	940115 411	0.2+	0.0
920731 809	0.0	0.1+	940114 411	0.4+	0.6+	940115 411	0.4-	0.0
920731 809	0.1-	0.1-	940114 411	0.1-	0.1+			

1994 AX₂ = 1984 EZ₁ = 1987 XH₁ = 1989 EH₄

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	295.37238	(2000.0)	P	Q
<i>n</i>	0.18821720	ω 264.45226	-0.91914428	+0.35079805
<i>a</i>	3.0155267	Ω 295.97719	-0.23329890	-0.85132930
<i>e</i>	0.1031002	<i>i</i> 11.49868	-0.31740418	-0.39010146
<i>P</i>	5.24	<i>H</i> 12.4	<i>G</i> 0.15	

Residuals in seconds of arc

840305 413	0.5-	0.1+	890303 809	0.9+	1.1+	940115 399	1.7+	0.8+
840305 413	0.3-	0.1-	890303 809	1.2+	1.2+	940118 691	1.0-	0.5+
840307 413	1.0-	1.2-	890303 809	0.4+	1.4+	940118 691	0.6-	0.9-
840307 413	0.3+	1.7-	940112 399	1.9+	0.3-	940118 691	1.2-	0.9-
871212 054	0.1-	0.9+	940112 399	0.4+	0.8+	940203 399	0.3-	0.6-
871212 054	0.1+	0.9-	940113 691	1.7-	0.6-	940203 399	1.1+	0.6-
890302 809	0.1-	0.9+	940113 691	1.1-	0.4-	940204 399	0.0	0.2-
890302 809	0.4+	0.3+	940113 691	1.3-	0.6-	940204 399	0.7+	0.7-
890302 809	0.2-	0.3+	940115 399	0.4+	1.0+			

1994 AZ₂ = 1991 NZ₅

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	355.93533	(2000.0)	P	Q
<i>n</i>	0.22320083	ω 211.29598	-0.77498615	-0.60600154
<i>a</i>	2.6915690	Ω 290.33013	+0.61213627	-0.64925445
<i>e</i>	0.2050238	<i>i</i> 11.02524	+0.15711670	-0.45959851
<i>P</i>	4.42	<i>H</i> 12.8	<i>G</i> 0.15	

Residuals in seconds of arc

910710 809	1.2-	0.5+	910712 809	1.0+	0.2-	940114 868	2.4-	1.8-
910710 809	0.9-	0.5+	910712 809	1.4+	0.2-	940114 896	0.9-	0.0
910710 809	0.7-	0.4+	940107 868	(4.5-	2.4+)	940114 896	(4.0-	0.4-)
910711 809	0.5-	0.1+	940107 868	2.4+	0.6-	940115 896	0.0	0.2-
910711 809	0.2-	0.0	940108 868	0.9+	0.9+	940115 896	0.3+	0.3+

910711 809 0.2- 0.1+ 940108 868 1.5+ 1.5+ 940119 896 0.4- 0.1-
 910712 809 0.8+ 0.3- 940114 868 1.1- 0.0 940119 896 0.2+ 0.8+

1994 AB₃ = 1992 OC₉

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	69.31623		(2000.0)		P		Q
<i>n</i>	0.29015205	ω	298.01651	+0.57274462			-0.80801442
<i>a</i>	2.2597078	Ω	116.37805	+0.79579063			+0.50764151
<i>e</i>	0.1140843	<i>i</i>	8.86858	+0.19667452			+0.29901971
<i>P</i>	3.40	<i>H</i>	13.1	<i>G</i>	0.15		

Residuals in seconds of arc

920724 809	0.9-	0.2-	940114 411	0.6+	0.5+	940116 411	1.2+	0.2-
920724 809	0.6-	0.5-	940114 411	0.3+	0.3-	940204 399	0.6+	0.9+
920724 809	0.1+	0.6-	940115 399	1.3-	1.3+	940204 399	1.8+	0.3+
920726 809	0.0	0.4+	940115 399	1.8-	0.0	940205 399	0.6-	0.3+
920726 809	0.4+	0.6+	940116 411	0.7+	0.5-	940205 399	2.5-	1.3-
920726 809	1.0+	1.0+	940116 411	1.0+	0.5-			

1994 AG₃ = 1950 VF = 1954 QJ = 1980 YA = 1987 KG

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Ichikawa

<i>M</i>	110.57559		(2000.0)		P		Q
<i>n</i>	0.23347972	ω	78.30494	+0.97454967			-0.10639512
<i>a</i>	2.6119805	Ω	287.56157	+0.00729256			+0.89477473
<i>e</i>	0.1846120	<i>i</i>	11.94427	+0.22405301			+0.43365686
<i>P</i>	4.22	<i>H</i>	11.8	<i>G</i>	0.15		

Residuals in seconds of arc

501102 711	(9.8-	17.3-)Y	810109 688	1.2+	0.9-	940115 400	0.7-	0.2-
501104 711	0.8+	1.2+	Y 810109 688	0.9-	2.1-	940115 400	1.3-	1.5+
540827 062	0.0	0.9-	810109 688	1.3+	0.5-	940121 894	0.4+	0.1-
540827 062	0.7-	0.5+	870522 675	(8.8-	0.7-)	940121 894	0.3+	0.3-
540827 062	1.0-	1.2-	870523 675	1.9+	2.3-	940122 894	0.6-	1.6+
801230 688	1.1+	1.1-	940113 400	0.4+	0.4+	940122 894	1.5-	0.9+
801230 688	0.3-	1.5-	940113 400	0.1+	1.5+			

1994 BF = 1975 VP₅ = 1987 DZ

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Nakano

<i>M</i>	44.87949		(2000.0)		P		Q
<i>n</i>	0.27832127	ω	298.80350	+0.18641359			-0.97855461
<i>a</i>	2.3232991	Ω	140.14509	+0.94233781			+0.15285034
<i>e</i>	0.1904866	<i>i</i>	7.86026	+0.27793780			+0.13808567
<i>P</i>	3.54	<i>H</i>	13.5	<i>G</i>	0.15		

Residuals in seconds of arc

751103 095	0.0	0.1+	940118 098	0.5-	0.7-	940123 108	0.4+	0.5+
870225 046	0.2-	1.0+	940118 098	0.1+	0.3-	940202 894	0.5-	0.0
870225 046	0.0	1.4-	940123 108	0.8+	0.5+	940202 894	0.1+	0.2+
940116 098	0.4+	0.6-	940123 108	0.9-	0.1-	940207 894	0.0	1.6+
940116 098	0.0	0.7-	940123 108	0.0	0.4-	940207 894	0.2+	0.5+

1994 BH = 1977 ER

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	20.56887		(2000.0)		P		Q
<i>n</i>	0.23159623	ω	347.75510	-0.33746571			-0.93534475
<i>a</i>	2.6261230	Ω	121.88164	+0.87385519			-0.35316670
<i>e</i>	0.2275903	<i>i</i>	7.17461	+0.34999142			-0.02008687
<i>P</i>	4.26	<i>H</i>	13.5	<i>G</i>	0.15		

Residuals in seconds of arc

770309 095	0.5-	0.4-	940118 098	0.9-	0.5-	940129 108	1.3+	0.1-
770313 095	0.5+	0.4+	940123 108	0.4-	0.6-	940129 108	0.7+	0.1+
940116 098	1.4+	0.2-	940123 108	0.1+	0.2+	940129 108	1.4-	0.6-
940116 098	1.2-	0.2-	940123 108	0.5-	0.1+	940129 108	0.2-	0.5+
940118 098	1.5+	1.2+	940123 108	0.4-	0.1-			

1994 BL₄ = 1977 DW₆ = 1990 EK₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Urata

<i>M</i>	20.02614		(2000.0)		P		Q
<i>n</i>	0.22994744	ω	130.75196	-0.16889167			-0.97970108
<i>a</i>	2.6386614	Ω	328.47537	+0.83060169			-0.08248445
<i>e</i>	0.2124256	<i>i</i>	11.91915	+0.53063776			-0.18270773
<i>P</i>	4.29	<i>H</i>	14.5	<i>G</i>	0.15		

Residuals in seconds of arc

770219 381	0.5-	2.1+	900304 809	0.2+	0.0	940122 898	0.4+	0.1+
770219 381	1.7+	0.2-	900304 809	0.7-	0.9+	940122 898	1.4-	0.5+
900302 809	0.2+	1.3-	900304 809	0.7-	0.5+	940202 385	0.4-	0.7-
900302 809	0.2-	0.5-	940121 898	0.7+	0.2+	940202 385	0.2-	0.3-
900302 809	0.5+	0.7-	940121 898	0.7+	0.6+	940202 385	0.2-	1.4-

1994 CA = 1986 EM = 1987 QQ₁

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Urata

<i>M</i>	98.77014		(2000.0)		P		Q
<i>n</i>	0.36510722	ω	56.14085	+0.84568951			-0.50697319
<i>a</i>	1.9387528	Ω	333.14773	+0.27895498			+0.68621511
<i>e</i>	0.0890699	<i>i</i>	21.65688	+0.45496524			+0.52161960
<i>P</i>	2.70	<i>H</i>	13.8	<i>G</i>	0.15		

Residuals in seconds of arc

860303 675	0.9-	2.0-	940204 385	0.1+	0.0	940206 893	0.1-	0.1-
860303 675	0.1+	1.5-	940204 385	0.5+	0.9-	940206 893	0.1-	0.0
860305 675	0.5+	0.9-	940204 385	0.2+	0.2-	940207 887	0.0	0.7+
860306 675	0.6+	1.2+	940206 900	0.5+	0.1+	940207 893	0.4-	0.6+
860307 675	0.9-	0.2+	940206 900	0.1-	1.0+	940207 887	0.1-	0.4+
860307 675	0.3-	2.0+	940206 385	0.0	0.1+	940207 893	0.2-	0.5+
870829 552	2.3+	0.0	940206 385	0.0	0.4-	940207 887	0.1+	0.6+
870829 552	1.7-	0.7-	940206 385	0.5-	0.1+	940207 893	0.0	0.4+
940202 898	0.5+	1.5-	940206 385	0.1-	0.3-	940207 893	0.3+	0.2+
940202 898	0.2-	1.1-	940206 893	0.4-	0.1+			

2553 P-L = 1982 SE₁₀ = 1993 SF₇

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

Williams

<i>M</i>	349.30304		(2000.0)		P		Q
<i>n</i>	0.17928622	ω	63.14339	+0.52486619			-0.85118430
<i>a</i>	3.1148569	Ω	355.19710	+0.77720175			+0.47966382
<i>e</i>	0.1670687	<i>i</i>	0.59713	+0.34709209			+0.21309129
<i>P</i>	5.50	<i>H</i>	13.0	<i>G</i>	0.15		

Residuals in seconds of arc

600924	675	0.4+	0.7-	601022	675	0.4-	1.0+	930917	809	0.3+	1.3+
600926	675	0.4+	1.0-	601025	675	0.1+	0.2+	930917	809	0.0	1.8+
600928	675	0.3+	1.0-	601026	675	0.3-	0.4+	930918	809	0.1-	0.7-
600929	675	0.6+	0.9-	820924	095	0.1+	0.3-	930918	809	1.0-	0.7-
601017	675	0.0	0.5-	930917	809	0.6+	1.7+	930918	809	1.0-	0.5-

4721 P-L = 1994 CZ

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	316.00932	(2000.0)	<i>Q</i>
<i>n</i>	0.21623800	ω 154.76902	-0.96917020
<i>a</i>	2.7490420	Ω 10.98355	+0.21833582
<i>e</i>	0.0218187	<i>i</i> 2.40873	+0.11418664
<i>P</i>	4.56	<i>H</i> 14.5	<i>G</i> 0.15

Residuals in seconds of arc

600924	675	0.2+	0.2+	600928	675	1.6-	0.9+	940207	589	0.0	0.3+
600924	675	0.2+	0.1-	600928	675	0.1-	0.5-	940209	589	0.5-	0.2+
600926	675	0.2-	0.6-	601022	675	0.5+	0.2-	940209	589	0.5+	0.1+
600926	675	1.3+	0.1-	940207	589	0.3-	0.7+	940209	589	0.9+	0.1-
600927	675	0.4-	1.3+	940207	589	0.4-	0.4-				
600927	675	0.1+	1.0-	940207	589	0.0	0.8-				

5564 P-L = 1993 TM₁₈

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	24.65794	(2000.0)	<i>Q</i>
<i>n</i>	0.26916724	ω 340.61331	+0.83134843
<i>a</i>	2.3756798	Ω 53.09917	+0.51753612
<i>e</i>	0.1999941	<i>i</i> 3.46316	+0.20252444
<i>P</i>	3.66	<i>H</i> 16.0	<i>G</i> 0.15

Residuals in seconds of arc

601017	675	0.2-	0.2+	931009	809	0.2-	0.3+	931020	809	0.3-	0.2+
601022	675	0.3+	0.0	931009	809	0.1+	0.0	931020	809	0.0	0.3-
601025	675	0.2-	0.2-	931011	809	0.3+	0.1-	931020	809	0.3+	0.3+
601026	675	0.1+	0.0	931011	809	0.7-	0.1+				
931009	809	0.4+	0.3-	931011	809	0.0	0.1-				

6055 P-L = 1978 RT₁₅ = 1994 AF₁₅

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	60.15830	(2000.0)	<i>Q</i>
<i>n</i>	0.27287542	ω 76.22119	+0.72263143
<i>a</i>	2.3541083	Ω 327.48354	+0.62090444
<i>e</i>	0.2145490	<i>i</i> 1.87219	+0.30377869
<i>P</i>	3.61	<i>H</i> 16.0	<i>G</i> 0.15

Residuals in seconds of arc

600924	675	0.2-	0.1+	601022	675	0.2-	0.2-	940114	691	0.1+	0.1+
600925	675	0.3+	0.1+	601024	675	0.2-	1.0+	940114	691	0.1-	0.1-
600926	675	0.4+	0.2+	601026	675	0.3+	0.1-	940119	691	0.1+	0.2+
600928	675	0.4-	0.0	780906	809	0.4+	0.9-	940119	691	0.0	0.2-
601017	675	0.4-	0.4-	940114	691	0.1+	0.1-	940119	691	0.3-	0.4-

6381 P-L = 1993 TV₂₆

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	350.60858	(2000.0)	<i>Q</i>
<i>n</i>	0.24030936	ω 244.30340	+0.39786889
<i>a</i>	2.5622545	Ω 182.28659	+0.89213673
<i>e</i>	0.0577435	<i>i</i> 10.13324	+0.21399160
<i>P</i>	4.10	<i>H</i> 14.5	<i>G</i> 0.15

Residuals in seconds of arc

600924	675	0.7-	0.8+	601026	675	0.3-	0.0	931011	809	0.7-	0.4-
600926	675	0.2-	0.2+	931009	809	0.1-	0.2+	931020	809	1.5+	0.5-
600927	675	0.7+	1.5-	931009	809	0.3-	0.1+	931020	809	0.0	0.2-
600928	675	0.3+	0.1-	931009	809	0.7-	0.7+	931020	809	0.6-	0.3+
601022	675	0.7-	0.2-	931011	809	0.6+	0.1+				
601024	675	1.0+	0.9+	931011	809	0.3+	0.3-				

6634 P-L = 1993 TB₂₈

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	319.28207	(2000.0)	<i>Q</i>
<i>n</i>	0.18059934	ω 19.89764	-0.18850569
<i>a</i>	3.0997400	Ω 81.00799	+0.89216707
<i>e</i>	0.1286951	<i>i</i> 3.66157	+0.41049180
<i>P</i>	5.46	<i>H</i> 13.5	<i>G</i> 0.15

Residuals in seconds of arc

600924	675	0.4+	0.3-	601024	675	0.4+	0.0	931011	809	0.7-	0.4-
600926	675	0.1-	0.4-	601026	675	0.2-	0.8+	931011	809	0.3-	0.1+
600927	675	0.6+	0.1-	931009	809	0.1+	0.4+	931020	809	1.4+	0.5-
600928	675	0.0	0.4-	931009	809	0.1-	0.4+	931020	809	0.5+	0.6-
601017	675	0.4+	0.8+	931009	809	0.8-	1.0+	931020	809	0.7+	0.5-
601022	675	1.7-	0.2-	931011	809	0.6-	0.1-				

6745 P-L = 1993 TH₁₈

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	316.26609	(2000.0)	<i>Q</i>
<i>n</i>	0.18013332	ω 323.74957	-0.23218296
<i>a</i>	3.1050840	Ω 139.66202	+0.90050313
<i>e</i>	0.1550877	<i>i</i> 2.02205	+0.36767537
<i>P</i>	5.47	<i>H</i> 13.5	<i>G</i> 0.15

Residuals in seconds of arc

600924	675	1.2-	0.3+	601026	675	0.0	0.1-	931011	809	0.3+	0.3-
600926	675	1.0-	0.6-	931009	809	1.0+	0.4+	931020	809	0.3-	0.1-
600927	675	1.0+	1.2+	931009	809	0.1+	0.2-	931020	809	0.5-	0.1+
600928	675	0.7+	0.6-	931009	809	0.4-	0.3+	931020	809	0.3-	0.1-
601017	675	0.7+	0.6-	931011	809	0.9+	0.0				
601022	675	0.1-	0.3+	931011	809	0.8-	0.0				

4320 T-1 = 1993 TG₂₄

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams	
<i>M</i>	266.30800	(2000.0)	<i>Q</i>
<i>n</i>	0.28742741	ω 116.72644	-0.93734006
<i>a</i>	2.2739658	Ω 43.06670	+0.29437670
<i>e</i>	0.1012301	<i>i</i> 3.45976	+0.18637591
<i>P</i>	3.43	<i>H</i> 15.5	<i>G</i> 0.15

Residuals in seconds of arc

710324 675	0.5+	0.1-	710416 675	1.4+	0.2-	931011 809	0.3+	1.3-
710326 675	1.3-	0.1+	710513 675	0.0	0.5-	931011 809	0.1+	0.6-
710326 675	0.3-	0.4-	710514 675	0.4-	1.2+	931011 809	0.1+	0.7+
710327 675	0.5+	0.6+	931009 809	0.1-	0.6+	931020 809	0.0	0.1+
710402 675	1.5-	0.7+	931009 809	0.2+	0.2+	931020 809	1.3-	0.2+
710416 675	1.4+	0.8-	931009 809	0.9+	0.3+	931020 809	0.3-	0.2+

1056 T-2 = 1994 AW₁₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams		
<i>M</i>	114.70205	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.21004273	ω 17.77822	+0.97535089	-0.22058195
<i>a</i>	2.8028355	Ω 354.95410	+0.19351173	+0.86779492
<i>e</i>	0.1161130	<i>i</i> 3.81446	+0.10603700	+0.44528145
<i>P</i>	4.69	<i>H</i> 15.0	<i>G</i>	0.15

Residuals in seconds of arc

730919 675	0.4+	0.4-	730929 675	0.6-	0.1-	731005 675	0.8-	0.4+
730919 675	0.7-	0.9+	730929 675	1.1+	0.8-	940112 691	0.7+	0.0
730920 675	0.6+	0.7+	730930 675	0.2+	0.8+	940112 691	0.3-	0.2-
730924 675	0.3-	0.5-	730930 675	0.3-	0.5+	940112 691	0.5+	0.3+
730924 675	0.9+	0.2-	731004 675	1.4+	1.3-	940114 691	0.7-	0.4-
730925 675	1.9-	0.9-	731004 675	(2.4+	3.2-)	940114 691	0.1+	0.1+
730925 675	0.4-	0.2+	731005 675	0.6+	0.7+	940114 691	0.3-	0.2+

1298 T-2 = 1980 WK₃Id. E. Bowell (*MPC* 18832)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Williams		
<i>M</i>	293.42876	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.29748326	ω 321.69618	-0.68677755	-0.72673892
<i>a</i>	2.2224280	Ω 171.64785	+0.68795323	-0.65596955
<i>e</i>	0.0706864	<i>i</i> 5.40379	+0.23464218	-0.20384916
<i>P</i>	3.31	<i>H</i> 15.0	<i>G</i>	0.15

Residuals in seconds of arc

730919 675	0.0	0.1+	730929 675	0.8-	0.3+	731005 675	1.2+	0.0
730919 675	0.6-	0.6+	730929 675	0.9+	1.4+	801129 675	0.9-	0.3-
730920 675	0.7-	0.7-	730930 675	0.2+	0.0	801201 675	0.9+	0.4+
730920 675	1.0-	0.3-	730930 675	1.5+	0.8+	931009 809	0.8+	0.8+
730924 675	0.2-	1.5-	730930 675	0.1+	0.1-	931009 809	0.4+	1.2+
730924 675	1.3-	1.0-	730930 675	1.5+	0.0	931009 809	0.1-	0.5+
730924 675	0.5+	0.9-	731004 675	1.3-	1.2+	931011 809	1.5+	1.2+
730925 675	(2.7-	2.1-)	731004 675	0.6+	0.2+	931011 809	0.9+	1.1+
730925 675	0.1-	0.7+	731004 675	0.5-	0.0	931011 809	0.7+	1.7+
730925 675	0.7-	0.4+	731004 675	0.1+	0.8-	931020 809	1.0-	1.8-
730925 675	0.4-	1.0-	731005 675	0.1-	0.9-	931020 809	1.6-	2.2-
730929 675	0.6-	0.2+	731005 675	0.5+	0.8-	931020 809	1.8-	1.9-
730929 675	0.9+	2.1+	731005 675	0.5+	0.6-			

5058 T-2 = 1983 VK₃ = 1994 BH₃

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

		Marsden		
<i>M</i>	291.90413	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.21203386	ω 296.97642	-0.87860855	+0.46095559
<i>a</i>	2.7852611	Ω 270.70148	-0.38185963	-0.83505195
<i>e</i>	0.1190709	<i>i</i> 7.16788	-0.28675817	-0.30034677
<i>P</i>	4.65	<i>H</i> 13.5	<i>G</i>	0.15

Residuals in seconds of arc

730920 675	0.5-	1.0+	730929 675	0.0	0.1-	940116 010	1.0+	0.3+
730920 675	0.7+	0.7+	730930 675	0.8-	0.3+	940116 010	0.7-	0.4+
730924 675	0.4-	0.6+	730930 675	1.0-	0.4-	940117 010	0.6-	0.8-
730924 675	0.3+	0.0	731004 675	(0.3-	2.9-)	940117 010	0.7+	0.8+
730925 675	0.5+	0.8-	731004 675	0.6+	1.7-	940117 010	0.4-	0.7-
730925 675	0.1+	0.9-	831108 381	0.6+	0.0			
730929 675	0.7+	1.1+	831108 381	0.6-	0.2+			

Object	<i>H</i>	Epoch	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	Obs.	Opp.	Arc	rms	Computer	<i>MPC</i>	Object
1949 PN	11.0	940217	53.48651	7.27158	325.92352	11.97247	0.1743849	2.6762140	21	3	1949-1993	0.61	Williams	22967	1949 PN
1949 QL	13.4	940217	132.58594	25.58720	336.03025	6.27656	0.1972869	2.2218521	21	5	1949-1992	1.01	Bowell	21559	1949 QL
1967 KB	13.4	940217	175.65573	291.27675	359.83676	3.03243	0.2530373	2.5473577	19	5	1967-1992	0.77	Bowell	21963	1967 KB
1971 TF	13.7	940217	312.58914	35.93974	348.93226	2.10621	0.1782814	2.4351673	21	4	1971-1990	0.71	Bowell	22072	1971 TF
1972 TF	14.1	940217	101.19791	189.31982	179.49167	4.50473	0.1886396	2.2633787	28	4	1962-1991	0.78	Bowell	22822	1972 TF
1973 EK	13.0	940217	252.89759	321.79119	197.77454	1.63085	0.0669405	2.7009931	19	6	1973-1993	0.95	Williams	22967	1973 EK
1974 RY ₁	14.3	940217	156.88543	134.95810	183.72302	2.73379	0.2282203	2.3534952	25	5	1949-1992	1.14	Bowell	22822	1974 RY ₁
1975 RP	12.0	940217	73.43154	117.08910	195.00155	0.88920	0.1493477	3.2294162	49	5	1969-1993	1.05	Williams	22967	1975 RP
1975 XP ₃	13.9	940217	24.01394	58.84470	5.94354	2.91912	0.1306672	2.3508869	26	6	1982-1993	0.77	Bowell	22967	1975 XP ₃
1976 QR	12.5	940217	357.38243	238.94327	160.98357	14.38432	0.1805991	2.6181925	15	4	1976-1993	0.76	Bowell	22823	1976 QR
1976 QC ₁	14.7	940217	203.07886	340.50269	332.83988	1.86647	0.1865229	2.1593281	18	3	1973-1991	0.86	Bowell	22823	1976 QC ₁
1976 SG ₂	13.6	940217	62.20572	234.17391	186.20216	5.67193	0.1262843	2.2086302	36	8	1955-1994	0.76	Nakano	22482	1976 SG ₂
1977 RC ₉	14.6	940217	254.43092	255.04728	319.69843	1.45791	0.1466021	2.4097746	19	3	1977-1992	0.78	Bowell	21964	1977 RC ₉
1978 RZ	13.0	940217	31.70389	249.38375	122.24776	3.00940	0.0802279	2.9058695	47	6	1971-1993	1.05	Williams	22967	1978 RZ
1978 RQ ₉	13.9	940217	254.62104	232.64084	350.08352	6.74953	0.0592565	2.3109264	14	3	1978-1992	0.50	Bowell	21251	1978 RQ ₉
1978 SU ₅	12.5	940217	355.36335	304.82714	225.61884	5.86191	0.0454566	2.3147608	18	9	1941-1994	0.93	Bardwell	21964	1978 SU ₅
1978 VF ₃	15.6	940217	43.50102	4.95500	50.66439	1.47515	0.2298446	2.3974702	22	2	1978-1994	0.77	Bowell	22947	1978 VF ₃
1978 VU ₇	12.5	940217	103.94547	53.24659	333.79470	1.25866	0.0956818	2.8351154	21	5	1951-1994	0.90	Williams	22270	1978 VU ₇
1978 VT ₁₀	15.4	940217	131.83615	91.61034	238.22600	1.74972	0.1311045	2.3864827	19	5	1977-1991	0.83	Bowell	15876	1978 VT ₁₀

1978 WC	14.5	940217	54.90532	316.09371	87.60280	8.61426	0.2189963	2.3869079	14	4	1952-1994	0.89	Williams	22073	1978 WC
1979 MF	14.5	940217	171.14001	70.76537	161.08747	6.05761	0.2113806	2.2271165	18	4	1949-1994	0.84	Williams	22823	1979 MF
1979 MF ₂	16.0	940217	84.40224	135.12361	176.22584	1.06863	0.2073441	2.2716075	21	3	1979-1993	1.25	Williams	22948	1979 MF ₂
1979 MR ₆	16.0	940217	171.72629	72.24854	165.08283	4.06688	0.1309678	2.2437611	15	4	1979-1993	1.04	Williams	22073	1979 MR ₆
1979 SU ₁₁	12.0	940217	229.71191	266.91781	88.93348	2.50233	0.1612382	3.1543067	27	5	1971-1993	1.02	Williams	22073	1979 SU ₁₁
1979 SP ₁₄	12.3	940217	160.88319	270.29027	110.03791	2.69547	0.1081923	3.2192992	23	5	1954-1991	0.69	Bowell	22491	1979 SP ₁₄
1979 VS ₂	14.0	940217	168.80282	288.46808	54.02088	21.99925	0.1064553	1.9368751	13	4	1979-1994	0.64	Bardwell	21965	1979 VS ₂
1980 GO	13.0	940217	162.53882	53.21497	147.31314	1.79163	0.1056590	3.1722681	20	5	1953-1991	0.61	Bowell	22823	1980 GO
1981 EA ₁₂	15.5	940217	15.39854	243.92656	222.31825	2.16663	0.0802519	2.2351784	33	5	1971-1994	0.93	Williams	22823	1981 EA ₁₂
1981 EO ₁₆	16.5	940217	109.17854	140.57225	217.94355	7.97311	0.1968575	2.2629322	20	2	1981-1994	1.05	Williams	22949	1981 EO ₁₆
1981 EH ₁₉	14.5	940217	292.36069	201.93612	2.73623	3.43791	0.0929684	2.2295016	27	3	1979-1991	0.80	Bowell	22823	1981 EH ₁₉
1981 EK ₂₃	15.0	940217	79.99737	129.39710	185.50685	3.06234	0.1839590	2.3599992	27	6	1964-1993	1.08	Williams	22968	1981 EK ₂₃
1981 ED ₂₄	14.2	940217	329.86194	238.96427	167.55842	9.41586	0.0282026	2.9411660	27	4	1971-1991	0.93	Bowell	21967	1981 ED ₂₄
1981 EH ₂₄	15.0	940217	351.33397	22.50648	29.67080	2.22297	0.0714786	2.8780159	27	4	1981-1993	1.11	Williams	22697	1981 EH ₂₄
1981 EK ₂₅	14.3	940217	48.17785	344.66592	309.32933	1.96124	0.1754770	2.4370186	17	4	1981-1989	0.71	Bowell	22271	1981 EK ₂₅
1981 EP ₂₇	13.5	940217	58.15741	161.72289	186.10919	12.47509	0.0417694	2.8987624	19	3	1978-1993	0.82	Williams	21967	1981 EP ₂₇
1981 ES ₂₇	17.0	940217	291.21571	201.00641	5.48555	7.25559	0.1536071	2.2360355	18	3	1971-1991	1.47	Bowell	19859	1981 ES ₂₇
1981 ET ₂₇	14.9	940217	134.23462	82.33803	167.88751	2.20700	0.0255783	2.9466616	22	6	1978-1993	0.86	Bowell	22697	1981 ET ₂₇
1981 EZ ₂₇	14.6	940217	34.60247	239.17857	59.59258	1.18616	0.1181949	2.4409808	33	5	1978-1989	0.93	Bowell	21932	1981 EZ ₂₇
1981 EM ₃₀	14.0	940217	90.59213	235.19758	137.64877	2.63747	0.2505792	2.7568883	19	4	1978-1994	0.94	Williams	20810	1981 EM ₃₀
1981 EH ₃₄	13.0	940217	323.35059	75.13803	351.26167	1.75254	0.0227674	2.9081177	38	4	1977-1991	1.10	Williams	22430	1981 EH ₃₄
1981 QE	14.0	940217	99.84713	164.50048	206.83266	1.08036	0.2187753	2.4165415	25	3	1981-1994	1.04	Williams	21563	1981 QE
1981 QE ₁	14.0	940217	66.82545	137.19660	264.41926	1.52262	0.2011527	2.4267714	45	6	1981-1994	0.77	Williams	21563	1981 QE ₁
1981 SJ	14.5	940217	124.10683	22.46730	318.78290	1.27036	0.2187099	2.4095845	19	5	1936-1994	0.69	Williams	22697	1981 SJ
1981 SM	13.5	940217	61.89193	109.29028	300.93518	3.33398	0.1320387	2.4343647	38	6	1954-1994	0.91	Williams	21968	1981 SM
1981 SE ₂	14.0	940217	97.26154	253.75006	106.28303	3.24973	0.2110430	2.4319879	12	4	1950-1994	1.19	Williams	22968	1981 SE ₂
1982 EF	13.0	940217	280.22303	25.80439	172.15332	14.03496	0.0877591	2.6061823	29	5	1982-1994	0.85	Williams	21968	1982 EF
1982 RW	14.2	940217	176.19372	353.59446	327.07449	2.12230	0.1881389	2.2233463	15	4	1972-1992	0.62	Bowell	22824	1982 RW
1982 SO ₄	13.9	940217	0.55413	53.96389	14.61273	7.56378	0.2906680	2.3916773	25	3	1982-1993	0.54	Bowell	22697	1982 SO ₄
1983 AB	13.8	940217	345.29619	64.04638	90.08564	3.39298	0.1518230	2.3848600	35	4	1983-1994	1.18	Nakano	21969	1983 AB
1983 RC ₄	14.5	940217	218.18464	157.38342	149.50419	8.22804	0.3184907	2.5583852	21	4	1983-1994	0.67	Bardwell	22076	1983 RC ₄
1983 UC	15.0	940217	350.88276	351.31868	35.73162	5.99808	0.1439841	2.2931912	13	4	1983-1992	0.69	Bowell	21969	1983 UC
1984 DR	14.2	940217	44.15684	290.93449	141.53020	5.79202	0.1374193	2.2524883	58	3	1969-1994	0.73	Nakano	22950	1984 DR
1984 DZ	14.0	940217	242.96157	259.65701	345.85524	7.78807	0.2090671	2.3167533	43	3	1953-1991	0.65	Bowell	22824	1984 DZ
1984 KB	15.0	940217	354.44810	336.50928	169.95605	4.84600	0.7643339	2.2162796	44	2	1984-1994	0.80	Williams	22824	1984 KB
1985 CV ₁	13.0	940217	200.28407	109.20403	44.15289	1.93068	0.1335653	3.2104055	43	2	1985-1991	0.51	Bowell	19295	1985 CV ₁
1985 UQ	14.5	940217	146.25844	244.86844	89.15070	4.48682	0.1857086	2.3536158	17	6	1949-1994	0.67	Williams	21970	1985 UQ
1986 AH	14.0	940217	89.89408	263.46535	125.48658	24.00719	0.1169382	1.9284611	21	5	1978-1994	0.97	Williams	22824	1986 AH
1986 PS ₄	13.0	940217	148.89258	29.15525	317.91020	9.08508	0.1056104	2.9787180	28	5	1950-1994	0.95	Bardwell	22077	1986 PS ₄
1986 QN ₃	14.5	940217	65.32115	288.50387	83.05811	3.12602	0.1452685	2.2262462	52	5	1979-1993	0.70	Williams	22824	1986 QN ₃
1986 RX ₂	13.0	940217	123.47837	15.77159	344.15688	1.60738	0.2004661	3.1288016	16	6	1964-1994	0.81	Williams	22272	1986 RX ₂
1986 RD ₅	12.5	940217	130.53397	358.95028	349.07735	3.62481	0.1319494	3.0654013	33	4	1982-1994	0.84	Williams	22077	1986 RD ₅
1986 TR ₃	13.0	940217	177.42128	293.26431	8.78696	0.68860	0.1715699	3.1307397	25	4	1981-1994	0.93	Williams	22078	1986 TR ₃
1986 UY	14.5	940217	67.22796	44.95603	352.33005	4.97685	0.1653168	2.2416627	28	4	1986-1994	1.19	Williams	22968	1986 UY
1986 WB ₁	14.0	940217	359.57884	246.50036	248.21595	3.68212	0.1189661	2.2375318	27	7	1976-1994	0.90	Williams	22078	1986 WB ₁
1987 BO ₁	13.0	940217	19.06355	152.17233	277.51935	23.34964	0.2296562	2.3389609	35	3	1968-1994	1.06	Williams	22950	1987 BO ₁
1987 BS ₂	14.1	940217	341.70337	314.65319	146.47893	2.53548	0.1621532	2.3947387	35	4	1982-1991	0.64	Bowell	22824	1987 BS ₂
1987 HK	13.5	940217	186.79976	338.92820	313.26644	1.05135	0.0867345	2.5549209	16	4	1982-1994	1.06	Williams	21970	1987 HK
1987 QW ₂	12.6	940217	65.39134	259.37983	41.57089	1.34967	0.1484015	3.1923430	17	6	1952-1993	0.59	Bowell	22824	1987 QW ₂
1987 RC ₁	11.6	940217	80.50101	254.29249	36.44218	1.25071	0.1342644	3.2035804	53	5	1953-1993	0.76	Bowell	22824	1987 RC ₁
1987 RT ₃	13.0	940217	354.07698	189.12967	318.56221	7.93527	0.0923258	2.8039644	17	4	1985-1994	0.82	Bardwell	22078	1987 RT ₃
1987 SZ ₆	10.0	940217	55.10948	78.41360	277.50420	8.94144	0.1673906	3.1375948	28	3	1965-1994	0.99	Williams	22969	1987 SZ ₆

1987 VA ₁	11.2	940217	281.36935	178.64043	32.20524	13.92384	0.0802259	2.9859475	17	6	1933-1994	0.97	Williams	22825	1987 VA ₁
1988 AW ₁	12.0	940217	278.83549	37.75802	311.87906	12.75132	0.1439335	2.5984988	32	3	1986-1990	1.06	Williams	21971	1988 AW ₁
1988 FS ₂	13.5	940217	186.41375	202.50125	8.20464	2.53870	0.1360296	2.4104965	28	3	1988-1993	0.91	Williams	22969	1988 FS ₂
1988 NR	13.0	940217	78.87526	85.81201	260.20705	13.59254	0.1510817	2.6168789	15	2	1988-1994	0.75	Williams	22969	1988 NR
1988 PX ₂	12.5	940217	333.11356	208.78015	181.75824	10.56880	0.0763521	3.0021958	30	5	1978-1993	0.88	Bowell	22969	1988 PX ₂
1988 RE	15.0	940217	110.81880	105.52317	202.29149	35.06604	0.2523034	1.8211784	44	3	1980-1994	0.81	Williams	22825	1988 RE
1988 RR ₂	13.7	940217	209.20495	131.63535	150.70310	2.72188	0.2028552	2.4015636	36	7	1953-1994	1.02	Nakano	22079	1988 RR ₂
1988 RS ₄	13.0	940217	99.26925	311.02219	357.75539	1.12443	0.0740353	2.7445652	39	2	1988-1991	0.50	Bowell	22825	1988 RS ₄
1988 RD ₅	12.4	940217	318.66835	330.05048	53.22555	1.93933	0.1762763	3.1374825	36	7	1954-1992	0.92	Bowell	22825	1988 RD ₅
1988 RU ₆	13.5	940217	203.72012	25.83601	198.72534	1.81553	0.1416185	2.6356810	64	5	1979-1992	0.86	Bowell	22825	1988 RU ₆
1988 RE ₁₀	15.5	940217	123.65218	176.84781	162.43907	2.91396	0.2324486	2.5433913	29	3	1988-1994	0.95	Williams	22272	1988 RE ₁₀
1988 RN ₁₁	12.0	940217	267.64282	55.38815	171.49190	1.41387	0.0966573	5.2808420	19	5	1982-1994	0.50	Williams	20146	1988 RN ₁₁
1988 SK ₂	12.0	940217	271.98228	81.06770	158.70009	1.61782	0.0940538	5.2458427	19	5	1977-1994	0.71	Williams	21972	1988 SK ₂
1988 TQ	13.5	940217	83.45161	276.34154	101.73286	3.13229	0.2021880	2.6780287	47	5	1962-1994	0.70	Williams	22080	1988 TQ
1988 UH	12.0	940217	231.69372	325.84534	203.44193	3.69612	0.1113573	3.0994037	26	6	1977-1993	1.10	Williams	22825	1988 UH
1988 VQ ₂	12.5	940217	105.18939	287.41556	57.54104	17.54415	0.2846774	2.7141176	38	3	1988-1994	0.85	Williams	21972	1988 VQ ₂
1988 VR ₂	13.0	940217	2.73577	359.40266	88.52104	13.31633	0.2797032	2.9265123	20	2	1988-1994	0.94	Williams	22811	1988 VR ₂
1988 VN ₄	17.0	940217	27.81842	230.50555	228.09028	17.93675	0.3206640	1.8122038	19	3	1977-1994	0.60	Williams	22825	1988 VN ₄
1988 XU ₁	11.6	940217	181.64019	172.81327	84.85118	11.15028	0.0573932	2.9974034	29	6	1955-1994	0.89	Nakano	22825	1988 XU ₁
1989 AB ₃	12.9	940217	49.95542	299.33491	113.79828	11.13771	0.1051714	3.0120718	12	3	1955-1994	1.00	Bowell	22952	1989 AB ₃
1989 CC ₁	13.0	940217	70.15996	271.09336	154.67379	28.91530	0.4204152	2.7921096	31	4	1975-1994	0.84	Williams	22431	1989 CC ₁
1989 CE ₂	13.5	940217	110.35165	59.65771	320.29448	20.35293	0.0713534	1.8616726	32	5	1974-1994	0.93	Williams	22969	1989 CE ₂
1989 EC	13.0	940217	58.94151	97.98805	341.07936	22.67138	0.0736506	1.8705681	20	3	1989-1994	1.10	Williams	17207	1989 EC
1989 EC ₂	12.0	940217	268.22451	205.73418	23.27162	5.68159	0.1161251	3.1494652	35	4	1987-1994	0.86	Williams	21973	1989 EC ₂
1989 NK ₁	12.3	940217	63.02652	267.46880	120.19118	8.73069	0.3022698	2.2707232	23	4	1955-1994	0.68	Nakano	22952	1989 NK ₁
1989 RG	13.9	940217	58.15117	99.62779	313.43007	3.91197	0.1652133	2.2762772	19	3	1979-1994	1.09	Nakano	22952	1989 RG
1989 SG	13.0	940217	8.47582	80.89937	357.18922	6.66681	0.1508270	2.3854440	15	4	1934-1991	0.70	Bowell	22699	1989 SG
1989 SL	13.6	940217	114.25894	130.69252	242.64321	6.60465	0.1334815	2.2487086	41	5	1955-1994	0.94	Nakano	22081	1989 SL
1989 SQ	13.5	940217	47.85121	106.62984	302.29256	4.24942	0.2315756	2.3653433	15	3	1978-1994	0.73	Bowell	22952	1989 SQ
1989 SB ₃	15.0	940217	149.86043	203.25447	133.23313	4.78675	0.1865783	2.1988744	19	4	1979-1994	0.98	Williams	20818	1989 SB ₃
1989 SR ₄	15.5	940217	17.77648	356.26133	44.21924	4.79259	0.1804044	2.5244791	26	3	1977-1993	1.05	Williams	22969	1989 SR ₄
1989 TE	14.5	940217	99.74201	73.26818	269.17818	3.59414	0.2643556	2.3144210	26	3	1978-1994	0.78	Marsden	21973	1989 TE
1989 TT ₁	13.4	940217	23.89059	205.10155	223.79777	5.11701	0.1027746	2.4051136	39	3	1978-1993	0.83	Nakano	22825	1989 TT ₁
1989 TU ₅	10.5	940217	256.48760	139.03924	107.72844	1.92090	0.0976853	5.1679894	19	4	1988-1994	0.84	Williams	22431	1989 TU ₅
1989 TU ₁₀	13.5	940217	44.94975	230.12937	180.04560	6.12770	0.2493633	2.3782201	20	3	1978-1994	0.60	Williams	22953	1989 TU ₁₀
1989 TL ₁₅	14.0	940217	3.34242	87.40476	322.66797	1.42332	0.1527305	2.5250313	23	6	1969-1993	0.92	Williams	22699	1989 TL ₁₅
1989 UO ₁	14.1	940217	158.78248	145.55792	194.30457	4.11966	0.2178361	2.1907653	27	3	1989-1992	0.86	Bowell	22825	1989 UO ₁
1989 UB ₃	14.0	940217	354.98317	18.69668	61.66512	5.44397	0.2612002	2.5697526	26	3	1952-1993	1.05	Williams	22969	1989 UB ₃
1989 VN ₅	14.4	940217	27.29867	127.73401	309.69953	1.60818	0.1804091	2.3946126	23	2	1989-1993	0.85	Nakano	22953	1989 VN ₅
1989 WD	12.5	940217	301.25301	127.40506	63.45243	7.62984	0.0660185	2.3496274	34	3	1989-1994	0.94	Williams	22969	1989 WD
1989 WJ ₁	13.4	940217	59.51903	175.72840	218.43803	5.95373	0.1477942	2.4479004	21	4	1981-1994	1.13	Nakano	22970	1989 WJ ₁
1989 WQ ₁	15.0	940217	318.34602	41.36906	69.21439	15.90214	0.1265973	1.6542663	18	3	1978-1994	0.89	Williams	22825	1989 WQ ₁
1989 XB	13.8	940217	49.36406	295.71550	135.69501	7.06812	0.2214416	2.3843121	21	5	1978-1994	0.89	Nakano	22081	1989 XB
1989 XO	12.4	940217	51.75683	150.61636	287.53024	6.45836	0.0490201	2.3789284	25	4	1985-1994	0.78	Nakano	21973	1989 XO
1989 YR	13.9	940217	42.80608	334.73591	116.29170	3.36164	0.1662652	2.4057685	25	5	1986-1994	0.82	Nakano	22081	1989 YR
1989 YA ₂	13.9	940217	6.71938	200.74527	280.10700	5.31667	0.1764630	2.5301357	22	3	1980-1994	0.99	Nakano	22699	1989 YA ₂
1990 BZ	13.3	940217	62.21155	105.55512	310.59482	14.31678	0.0837593	2.5346513	15	4	1982-1994	1.09	Nakano	21108	1990 BZ
1990 BN ₂	13.0	940217	355.76444	16.62281	89.92481	14.28864	0.1325900	2.6449724	18	3	1977-1994	0.79	Bardwell	22826	1990 BN ₂
1990 FR	12.5	940217	344.69492	58.58311	115.07913	13.73491	0.3027425	2.5905198	29	3	1986-1994	0.78	Williams	22970	1990 FR
1990 QM	13.8	940217	6.43760	125.32207	160.59139	2.83294	0.1796974	2.4272431	21	3	1979-1993	0.89	Nakano	22053	1990 QM
1990 SM ₆	14.1	940217	265.92759	71.55894	31.19922	4.39554	0.0650281	2.2771659	21	5	1983-1992	0.74	Bowell	21974	1990 SM ₆
1990 TO ₁	13.5	940217	71.90615	155.64418	230.96391	19.77120	0.0861845	1.9519221	18	3	1990-1994	1.06	Williams	22953	1990 TO ₁

1991 CW	13.5	940217	21.86664	307.79492	118.15937	4.92883	0.1606219	2.2620550	38	4	1969-1994	0.90	Williams	22970	1991 CW
1991 CX	14.0	940217	312.05390	304.54965	228.27876	2.77895	0.0659751	2.2041413	28	3	1991-1994	0.81	Williams	22970	1991 CX
1991 CC ₁	13.0	940217	280.44988	54.96521	148.38433	6.55929	0.1504268	2.3077109	20	4	1979-1994	0.95	Williams	22826	1991 CC ₁
1991 CN ₁	13.8	940217	283.54130	327.78849	190.25167	2.25390	0.1150257	2.4130457	17	3	1980-1993	1.09	Nakano	22083	1991 CN ₁
1991 DD	13.7	940217	299.02818	92.71310	35.63023	2.47893	0.1308798	2.4370465	24	2	1991-1993	1.14	Nakano	22954	1991 DD
1991 DK	11.5	940217	44.64830	19.81365	357.26917	15.64484	0.1443292	2.5788028	14	3	1972-1993	0.90	Bowell	22970	1991 DK
1991 DN ₁	13.0	940217	274.04314	79.72865	71.57387	2.31181	0.1498582	2.5809590	26	3	1950-1993	1.29	Williams	22954	1991 DN ₁
1991 EA	13.3	940217	296.40888	151.61312	350.57525	6.28199	0.0750905	2.4625491	31	4	1955-1993	0.94	Bowell	22970	1991 EA
1991 EB	12.8	940217	302.08854	208.59706	256.61312	2.83899	0.1254011	2.6238916	13	3	1951-1991	1.00	Bowell	22954	1991 EB
1991 EU	13.7	940217	17.24670	358.67950	102.91271	4.79676	0.0985320	2.2520660	20	5	1976-1994	0.80	Nakano	22083	1991 EU
1991 ES ₁	12.0	940217	322.87091	264.72376	165.66579	14.13392	0.1814798	2.6430568	37	3	1976-1993	0.75	Bowell	22826	1991 ES ₁
1991 FA	17.5	940217	68.95530	91.44344	339.77479	3.08209	0.4462649	1.9791434	19	1	71 days	0.41	Williams	18438	1991 FA
1991 FL	13.5	940217	283.17189	283.79740	261.84441	1.35010	0.1427236	2.3884213	20	3	1987-1994	0.93	Williams	22083	1991 FL
1991 FT	13.5	940217	200.91468	291.20170	4.99814	7.46516	0.1240393	2.3226801	17	4	1985-1994	0.86	Nakano	21975	1991 FT
1991 FE ₁	13.1	940217	63.92512	102.13900	308.71260	3.18754	0.1472176	2.2650914	18	3	1972-1994	0.71	Nakano	22954	1991 FE ₁
1991 FS ₁	14.3	940217	233.86875	178.66716	51.72487	0.41569	0.1523407	2.4212771	17	2	1991-1992	0.57	Bowell	22826	1991 FS ₁
1991 GA	12.9	940217	236.72505	190.34766	38.65580	8.42995	0.1137252	2.4290736	22	6	1954-1993	0.73	Nakano	22970	1991 GA
1991 GQ ₁	11.0	940217	116.78553	232.76228	88.04266	12.73412	0.1618993	3.0101903	18	3	1991-1994	0.63	Williams	22970	1991 GQ ₁
1991 JA	13.9	940217	294.84335	158.78867	58.89340	7.78424	0.0662395	2.2882815	19	3	1984-1994	1.05	Nakano	18441	1991 JA
1991 JD ₁	12.5	940217	237.57090	27.18245	256.51331	9.28740	0.1152454	2.3210085	18	5	1977-1994	0.93	Bardwell	22083	1991 JD ₁
1991 JH ₁	13.5	940217	279.66294	83.62009	147.92522	2.66600	0.1910651	2.3451238	23	5	1951-1994	0.97	Nakano	22431	1991 JH ₁
1991 NG	11.5	940217	202.70676	37.66288	276.20414	14.27104	0.1387565	2.5941451	19	5	1952-1994	0.80	Williams	22083	1991 NG
1991 NQ	13.0	940217	288.34022	313.85876	294.79053	22.10223	0.1975469	2.3858089	11	3	1990-1994	1.05	Williams	22273	1991 NQ
1991 PO ₂	13.5	940217	57.56738	348.77057	80.05435	2.17893	0.1169052	3.1530042	22	5	1981-1994	0.98	Williams	21976	1991 PO ₂
1991 PS ₆	12.5	940217	335.39491	44.48405	109.93226	4.26639	0.0830365	3.0682975	23	4	1978-1994	1.10	Williams	22083	1991 PS ₆
1991 PR ₁₂	13.0	940217	165.72530	79.48966	239.85446	0.40555	0.1503503	3.1995301	17	4	1979-1994	0.63	Williams	22273	1991 PR ₁₂
1991 RD ₁₂	13.7	940217	112.31924	281.94395	127.34398	3.34006	0.1172544	2.8345259	19	3	1953-1991	0.77	Bowell	21976	1991 RD ₁₂
1991 TQ	13.5	940217	216.23797	242.09186	68.59808	6.76727	0.1230265	2.9983444	13	4	1950-1994	0.73	Williams	22600	1991 TQ
1991 XR ₁	12.9	940217	171.96052	23.50995	31.99459	1.98476	0.0820177	2.9152190	21	4	1971-1993	1.17	Nakano	20932	1991 XR ₁
1992 CC ₁	14.5	940217	190.55736	21.88861	349.32496	36.89573	0.3749814	1.3915701	45	4	1976-1994	1.07	Williams	21977	1992 CC ₁
1992 CH ₁	17.5	940217	352.68222	355.47704	145.97335	21.56932	0.2891542	1.6245988	32	2	1992-1994	0.84	Williams	22827	1992 CH ₁
1992 FT	14.0	940217	191.94329	54.06272	156.29754	2.39261	0.0295641	2.1715024	16	4	1977-1993	0.96	Williams	21977	1992 FT
1992 HE	14.0	940217	178.03497	262.57858	27.32039	37.37126	0.5720017	2.2404217	109	2	1992-1994	0.64	Williams	22815	1992 HE
1992 JB	18.0	940217	0.67057	306.76153	218.53155	16.06532	0.3599029	1.5566591	55	2	1992-1994	0.76	Williams	22816	1992 JB
1992 LR	18.0	940217	227.42344	67.71335	233.24438	2.02332	0.4091589	1.8308434	158	1	145 days	0.76	Williams	22971	1992 LR
1992 MA	12.0	940217	88.65084	91.64260	202.63776	0.37861	0.1544539	3.0895884	27	8	1953-1994	0.87	Williams	22827	1992 MA
1992 MB	13.5	940217	127.31758	146.66327	186.39652	4.68529	0.1595875	2.2512626	24	8	1972-1994	1.04	Nakano	21977	1992 MB
1992 NM	14.0	940217	105.25442	253.13950	118.05131	3.82469	0.1070900	2.2392806	24	3	1949-1994	0.76	Williams	22085	1992 NM
1992 NP	12.5	940217	94.10709	51.72680	298.19402	11.90799	0.1989465	2.6066293	18	4	1950-1994	1.00	Bardwell	22956	1992 NP
1992 OV ₆	12.9	940217	359.55096	240.61581	199.46388	1.49982	0.0356549	2.8767321	28	3	1990-1994	1.02	Nakano	22956	1992 OV ₆
1992 OJ ₈	13.4	940217	148.47245	18.54329	301.03481	6.75167	0.1327456	2.2950992	31	2	1992-1994	0.74	Bowell	22956	1992 OJ ₈
1992 PW ₁	13.9	940217	15.49157	292.88930	171.33014	1.55911	0.0485564	2.3103975	25	5	1970-1994	0.84	Nakano	22956	1992 PW ₁
1992 PY ₂	12.1	940217	48.80749	131.68681	287.69243	14.36688	0.1066879	2.6268120	12	2	1992-1994	0.64	Nakano	22956	1992 PY ₂
1992 QM	12.4	940217	130.69064	333.62891	322.94784	4.82617	0.2883911	2.8669469	21	5	1949-1992	0.65	Bowell	22488	1992 QM
1992 RM ₇	14.0	940217	52.15209	345.78259	65.62619	2.27412	0.1633415	3.0884017	40	2	1992-1994	0.82	Williams	22957	1992 RM ₇
1992 SR ₁₂	12.4	940217	92.88509	337.35177	48.83758	2.69704	0.0828272	2.8513052	28	6	1968-1994	0.76	Nakano	22971	1992 SR ₁₂
1992 TH ₁	11.5	940217	117.56332	240.26067	144.11520	15.40642	0.1538261	2.5456430	18	6	1949-1994	1.05	Williams	21271	1992 TH ₁
1992 UG ₂	12.6	940217	236.43661	225.10751	33.52055	13.20535	0.1678273	2.5857723	11	4	1954-1992	0.84	Bowell	21589	1992 UG ₂
1992 UO ₄	10.5	940217	179.02521	217.30968	75.24377	15.34525	0.0937372	3.1634732	15	3	1987-1994	1.20	Bardwell	22971	1992 UO ₄
1992 UT ₅	11.5	940217	201.79627	90.81811	206.57925	1.56200	0.0364630	2.8709834	21	6	1967-1994	1.15	Williams	22085	1992 UT ₅
1992 WW ₅	13.0	940217	144.83977	175.55997	178.33447	1.84020	0.0882400	2.8435368	28	6	1953-1994	0.72	Nakano	22827	1992 WW ₅
1993 CP ₁	12.9	940217	29.74525	60.35521	164.88845	13.06816	0.1265937	2.5687685	14	4	1953-1993	0.67	Bowell	22059	1993 CP ₁

1993 GO	13.6	940217	85.96860	143.32106	57.99316	13.54822	0.1851147	2.5379002	20	3	1985–1993	0.93	Bowell	22241	1993 GO
1993 OZ ₂	14.5	940217	22.72520	247.65951	117.51891	21.74981	0.4340983	2.9946029	21	1	184 days	1.01	Williams	22817	1993 OZ ₂
1993 OA ₃	12.5	940217	49.48073	59.76991	283.20203	23.20668	0.2419504	2.3252820	14	3	1954–1993	0.93	Bardwell	22958	1993 OA ₃
1993 RR	16.0	940217	22.88769	36.83338	4.16066	7.49723	0.3490640	2.5663029	54	1	145 days	0.75	Williams	22971	1993 RR
1993 SG	14.0	940217	38.31506	24.88892	347.52766	4.77158	0.2106027	2.3735183	52	3	1949–1994	1.07	Williams	22971	1993 SG
1993 SG ₁	14.0	940217	40.92997	175.56436	174.78353	13.85894	0.2919846	2.5828148	10	1	131 days	0.98	Williams	22960	1993 SG ₁
1993 SJ ₁	14.5	940217	78.44823	141.35066	172.11055	5.64731	0.2070999	2.2592321	14	4	1976–1993	1.58	Williams	22692	1993 SJ ₁
1993 SM ₃	13.0	940217	18.22828	247.97812	138.93340	1.81743	0.1892683	3.1288239	25	2	1987–1993	0.79	Williams	22971	1993 SM ₃
1993 SY ₃	13.2	940217	11.44799	194.02591	208.04915	5.88429	0.1739397	2.5475644	9	4	1981–1993	0.95	Bowell	22693	1993 SY ₃
1993 TA	13.0	940217	5.99051	271.62278	158.01277	28.55398	0.4200747	2.7605447	19	3	1985–1994	1.03	Williams	22971	1993 TA
1993 TE	14.5	940217	46.14804	161.65860	192.47881	8.68689	0.2738576	2.5425959	23	4	1985–1993	0.91	Williams	22971	1993 TE
1993 TQ	13.1	940217	44.60480	292.53242	67.28214	8.49234	0.2067850	2.6912368	19	4	1971–1994	0.90	Nakano	22971	1993 TQ
1993 UC	15.0	940217	359.49929	322.95777	166.15193	25.99534	0.6623375	2.4375274	39	1	92 days	0.87	Williams	22960	1993 UC
1993 UX	12.9	940217	220.76175	200.69975	23.25380	1.82526	0.0689126	2.1363726	19	3	1976–1993	0.91	Nakano	22819	1993 UX
1993 VB	19.5	940217	15.32281	322.63914	145.94597	5.05677	0.5190964	1.9096498	27	1	78 days	0.73	Williams	22960	1993 VB
1993 VW	16.5	940217	355.75366	280.90994	231.33418	8.68220	0.4844557	1.6955121	45	2	1982–1994	0.60	Williams	22961	1993 VW
1993 VM ₁	14.0	940217	21.54080	264.80799	170.66775	23.14802	0.1398733	1.9099995	23	2	1990–1994	0.59	Williams	22971	1993 VM ₁
1993 WD	16.5	940217	339.65474	132.31962	56.59282	63.46464	0.2667010	1.0066184	99	2	1991–1993	0.75	Williams	22962	1993 WD
1993 WQ	13.3	940217	34.09023	359.38133	47.70081	5.07074	0.2258419	2.5520165	16	2	1985–1993	0.57	Nakano	22963	1993 WQ
1993 XA	14.0	940217	94.14543	264.71093	89.86618	3.95575	0.1842520	2.5872902	47	3	1980–1994	0.45	Williams	22963	1993 XA
1993 XD	14.5	940217	66.85385	227.32803	149.22022	6.51029	0.1219044	2.3204606	21	2	1989–1994	0.67	Williams	22963	1993 XD
1993 XE	11.5	940217	48.13678	337.20749	55.69685	11.66249	0.1019876	2.9978151	18	3	1950–1994	0.97	Nakano	22963	1993 XE
1993 XF	12.8	940217	56.15568	269.04032	115.33142	3.30335	0.0859371	2.7572083	14	3	1979–1993	0.95	Nakano	22963	1993 XF
1993 XJ	13.1	940217	43.67381	178.40366	229.67973	6.14644	0.1073403	2.2598114	24	3	1971–1994	0.71	Nakano	22963	1993 XJ
1993 XX	11.1	940217	88.23650	79.16539	275.01037	11.38427	0.0899271	3.1265384	20	6	1952–1993	1.26	Nakano	22964	1993 XX
1993 XG ₁	11.4	940217	120.87607	50.19874	290.93732	8.91820	0.1066069	2.9871525	19	3	1987–1994	0.46	Bowell	22964	1993 XG ₁
1993 XK ₁	13.3	940217	75.94258	315.75927	75.22287	3.40883	0.0582817	2.8765759	15	2	1978–1994	0.61	Bowell	22964	1993 XK ₁
1993 XN ₁	12.1	940217	200.16333	182.01739	95.04516	16.46418	0.1509405	2.5845035	15	2	1991–1994	0.79	Bowell	22964	1993 XN ₁
1993 YJ	14.4	940217	71.13388	91.24718	296.78958	3.48772	0.1810389	2.1785886	28	2	1986–1994	0.93	Bowell	22965	1993 YJ
2604 P-L	14.6	940217	251.03295	226.51706	8.16157	3.04208	0.1903239	2.3320414	26	4	1950–1991	0.82	Bowell	22827	2604 P-L
2636 P-L	14.5	940217	260.76370	80.32651	167.02244	2.84205	0.1890214	2.3202547	16	3	1960–1994	0.97	Marsden	22086	2636 P-L
4600 P-L	13.1	940217	225.13526	341.05769	136.93150	1.89262	0.1645179	3.1775605	31	6	1949–1993	0.72	Bowell	22827	4600 P-L
6073 P-L	14.0	940217	210.10426	294.19213	343.16561	3.88775	0.0523759	2.7380409	26	3	1960–1994	0.74	Williams	22087	6073 P-L
6581 P-L	10.1	940217	208.66329	57.25560	351.13258	4.90983	0.0378700	5.3103744	15	3	1960–1991	0.67	Bowell	20515	6581 P-L
7063 P-L	14.5	940217	164.38081	68.77570	243.63029	4.28991	0.2124476	2.3343666	32	6	1960–1994	0.71	Williams	22972	7063 P-L
9512 P-L	14.2	940217	301.80697	80.57971	129.47961	1.79542	0.1266733	2.1694300	18	3	1960–1992	0.79	Bowell	22827	9512 P-L
1287 T-1	15.6	940217	220.39780	52.27307	216.13402	1.76403	0.0199551	2.2383428	26	3	1971–1991	1.00	Bowell	22701	1287 T-1
1269 T-2	13.8	940217	299.54209	145.21384	296.28746	0.95679	0.0075952	2.9411014	44	5	1971–1993	0.96	Bowell	22972	1269 T-2
2280 T-2	15.0	940217	334.15043	337.85181	177.11786	3.12322	0.0513948	2.1818708	33	4	1973–1994	1.11	Williams	22274	2280 T-2
2319 T-2	15.0	940217	163.75807	109.32347	217.35455	2.26305	0.1332813	2.1729958	21	4	1973–1994	0.94	Williams	21125	2319 T-2
4262 T-2	15.5	940217	254.57512	167.51517	78.02206	3.50716	0.1338215	2.1629886	25	4	1973–1994	0.97	Williams	22088	4262 T-2
3224 T-3	15.0	940217	12.27675	241.20788	165.16380	3.37847	0.0286121	2.1733640	28	2	1977–1993	1.09	Williams	22967	3224 T-3

NEW NAMES OF MINOR PLANETS

(3103) Eger = 1982 BB

Discovered 1982 Jan. 20 by M. Lovas at Piszkestető.

Named for a famous Hungarian city. In 1762 its bishop, Count Karoly Esterhazy, established a university there at his own expense. The university included an observatory, which he furnished on consultation with Maximilian Hell in Vienna, instruments being made in both Vienna and London. The Eger observations began in 1778, and the results were published in Hell's annual astronomical ephemerides. The

city is also known for the successful stand of its populace against the besieging Turks in 1552. It is situated in an excellent wine-growing area and is known internationally for its hearty red Egri Bikaver ("bull's blood").

(3130) Hillary = 1981 YO

Discovered 1981 Dec. 20 by A. Mrkos at Kletř.

Named in honor of the New Zealand mountaineer Sir Edmund Percival Hillary (1919–), who, with Sherpa Tenzing Norgay, was the first to conquer Mt. Everest.

The discoverer worked with Hillary in Antarctica during the International Geophysical Year, 1957–1958.

(3168) Lomnický Štít = 1980 XM

Discovered 1980 Dec. 1 by A. Mrkos at Kleť.

Named for the meteorological and solar observatory in the High Tatras, where the discoverer worked for some 20 years.

(3257) Hanzlík = 1982 GG

Discovered 1982 Apr. 15 by A. Mrkos at Kleť.

Named in memory of Stanislav Hanzlík (1878–1956), professor of meteorology and climatology at Charles University, Prague. He founded modern dynamical meteorology in Czechoslovakia.

(3276) Porta Coeli = 1982 RZ₁

Discovered 1982 Sept. 15 by A. Mrkos at Kleť.

Named for the twelfth-century convent and church in Tišnov, Moravia.

(3278) Běhounek = 1984 BT

Discovered 1984 Jan. 27 by A. Mrkos at Kleť.

Named in memory of František Běhounek (1898–1973), the first professor of cosmic-ray physics at Charles University, Prague. He was also a member of Nobile's airship expedition to the north pole.

(3313) Mendel = 1980 DG

Discovered 1980 Feb. 19 by A. Mrkos at Kleť.

Named in memory of Gregor Johann Mendel (1822–1884), Austrian monk and botanist, discoverer of the law of genetics.

(3324) Avsyuk = 1983 CW₁

Discovered 1983 Feb. 4 by A. Mrkos at Kleť.

Named in honor of Yuriy M. Avsyuk, geodesist and gravimetrist, who worked with the discoverer on the Antarctic plateau during the International Geophysical Year.

(3326) Agafonikov = 1985 FL

Discovered 1985 Mar. 20 by A. Mrkos at Kleť.

Named in honor of Askol'd M. Agafonikov, geophysicist and navigator of the third Russian Antarctic expedition, in recognition of his work with the discoverer in the region of the south magnetic pole.

(3334) Somov = 1981 YR

Discovered 1981 Dec. 20 by A. Mrkos at Kleť.

Named in memory of Mikhail M. Somov, leader of the first Russian Antarctic expedition during the International Geophysical Year.

(3339) Treshnikov = 1978 LB

Discovered 1978 June 6 by A. Mrkos at Kleť.

Named in honor of Aleksej F. Treshnikov, leader of the second Russian Antarctic expedition, in recognition of his first meeting with the discoverer on the Antarctic plateau in 1957.

(3357) Tolstikov = 1984 FT

Discovered 1984 Mar. 21 by A. Mrkos at Kleť.

Named in memory of Evgenij I. Tolstikov, Russian meteorologist and leader of the third Antarctic expedition during International Geophysical Year. Tolstikov and the discoverer worked for three years at the Antarctic station Mirny.

(3364) Zdenka = 1984 GF

Discovered 1984 Apr. 5 by A. Mrkos at Kleť.

Named in honor of Zdenka Vávrová for her 20 devoted years in the astrometric program at Kleť.

(3395) Jitka = 1985 UN

Discovered 1985 Oct. 20 by A. Mrkos at Kleť.

Named in honor of Jitka Beneš in recognition of her assistance at Kleť during the International Halley Watch.

(3652) Soros = 1981 TC₃

Discovered 1981 Oct. 6 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Named in honor of George Soros, the founder of the International Science Foundation. This charitable organization provides financial support to scientifically meritorious scientists of the former Soviet Union in the field of fundamental civilian research. Name proposed by the Institute of Theoretical Astronomy.

(3813) Fortov = 1970 QA₁

Discovered 1970 Aug. 30 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Named in honor of Russian academician Vladimir Evgen'evich Fortov (1946–), well-known for his work on the theory of high-velocity processes of burning and impact. He has made valuable contributions to the theory of the interaction of cosmic bodies with the earth's atmosphere and surface. Name proposed by the International Institute of Problems of the Asteroid Hazard (St. Petersburg).

(3883) Verbano = 1972 RQ

Discovered 1972 Sept. 7 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named after the lake, also known as Lake Maggiore, in Italy and Switzerland between the south spurs of the Alps. IAU Symposium No. 160, 'Asteroids, Comets, Meteors', was held on the western shore of the lake in the resort village of Belgrate, 1993 June 14–18. Name proposed by Symposium participants from Russia, Ukraine and Tajikistan.

(4605) Nikitin = 1987 SV₁₇

Discovered 1987 Sept. 18 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named for Afanasij Nikitin (?–1472), a merchant from the town of Tver'. Nikitin, who was the first Russian to journey to India, described the trip in his diary, later published as *Walking Beyond Three Seas*.

(4622) Solovjova = 1979 WE₂

Discovered 1979 Nov. 16 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Sergej Mikhailovich Solovjov (1820–1879), famous Russian historian and the author of many works on the history of Russia. The name also honors his son, Vladimir Sergeevich Solovjov (1853–1900), religious philosopher, poet and publicist.

(4681) Ermak = 1969 TC₂

Discovered 1969 Oct. 8 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named for Ermak Timofeevich (?–1585), hero of Russian folklore and the Cossack chieftain who led the campaign to join Siberia to Russia.

(4682) Bykov = 1973 SO₄

Discovered 1973 Sept. 27 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Leonid Fyodorovich Bykov (1928–1979), talented Ukrainian cinematic actor and producer.

(4684) Bendjoya = 1978 GJ

Discovered 1978 Apr. 10 by H. Debehogne at the European Southern Observatory.

Named in honor of Philippe Bendjoya, astronomer at the Nice Observatory, who has carried out fruitful research on the identification and physical analysis of asteroid families, as well as the dynamics of planetary rings. Bendjoya was the first to apply to these fields the so-called wavelet analysis technique.

(4762) Dobrynya = 1982 SC₆

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

Named for the Russian epic hero Dobrynya Nikitich.

(4810) Ruslanova = 1972 GL

Discovered 1972 Apr. 14 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Lidiya Andreevna Ruslanova (1900–1973), Russian variety singer, popular for her renditions of ethnic folk songs.

(4861) Nemirovskij = 1987 QU₁₀

Discovered 1987 Aug. 27 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Named in honor of Lev Riful'evich Nemirovskij (1937–), engineer, chief-constructor and artistic director of the St. Petersburg House of Satire and Humor, and one of the authors of the miscellany *Gold Ostap*.

(4892) Chrispollas = 1985 TV₂

Discovered 1985 Oct. 11 at Caussols.

Named in honor of Christian Pollas, currently head of the Schmidt telescope unit at the Observatoire de la Côte d'Azur. Christian is a dedicated observer who has discovered several asteroids and more than 60 supernovae in the last seven years. Citation written by A. Maury and endorsed by J.-L. Heudier.

(4909) Couteau = 1949 SA₁

Discovered 1949 Sept. 28 by M. Laugier at Nice.

Named in honor of Paul Couteau, double-star observer at the Observatoire de Nice since 1959, on the occasion of his retirement. Using the large refractors at Lick, Yerkes and Nice, and the telescopes of Almeria and Pic du Midi, he has discovered more than 2700 new binaries, achieving 135 000 individual measurements. Couteau, having measured star separations down to the 60-milliarcsecond resolution limit of the 2-m telescope at Pic du Midi, is one of the sharpest 'eyes' on Earth.

(4915) Solzhenitsyn = 1969 TJ₂

Discovered 1969 Oct. 8 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Aleksandr Isaevich Solzhenitsyn (1918–), world-renowned Russian writer and Nobel prize-winner.

(4918) Rostropovich = 1974 QU₁

Discovered 1974 Aug. 24 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Mstislav Leopoldovich Rostropovich (1927–), outstanding Russian musician and pedagogue, world-famous cellist and conductor.

(4919) Vishnevskaya = 1974 SR₁

Discovered 1974 Sept. 19 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Galina Pavlovna Vishnevskaya, outstanding Russian opera singer, actress of the Bolshoi Theatre in Moscow for many years and performer in many theaters around the world.

(4926) Smoktunovskij = 1982 ST₆

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

Named in honor of Innokentij Mikhailovich Smoktunovskij (1925–), outstanding Russian theater and cinema actor.

(5113) Kohno = 1988 BN

Discovered 1988 Jan. 19 by T. Seki at Geisei.

Named in honor of Masaru Kohno (1926–), Japanese guitarist. The discoverer delights in playing a handmade guitar made by Kohno.

(5150) Fellini = 7571 P-L

Discovered 1960 Oct. 17 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Named in memory of Federico Fellini (1920–1993), one of the world's greatest film directors. He was called 'the maestro of the Italian cinema' and was an inspiration to a whole generation of film makers. Fellini's first film was *Lo Sceicco Bianco*, released in 1951. His first success came with *I vitelloni*, and in 1954 he won an Oscar for *La strada*. Further Oscars followed in 1957 for *Le notti di Cabiria*, in 1964 for *Otto e mezzo* and in 1974 for *Amarcord*. In April 1993 Fellini was honored with an Oscar for his lifetime achievements in film. Name proposed by M.-R. Visscher.

(5166) Olson = 1985 FU₁

Discovered 1985 Mar. 22 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Named in memory of Irvin Edward ('Ole') Olson (1910–1993), telescope-dome manufacturer. After an unsuccessful request to a silo maker to construct telescope domes suitable for amateur astronomers, Olson quit his job to found the Ash Manufacturing Company of Plainfield, Illinois. The company's first 'Ash Dome', erected at a junior-high school in 1961, was one of more than a thousand so far made for customers in 36 countries. Name suggested by J. W. Young and citation prepared by Young and R. Olson.

(5225) Loral = 1983 TS₁

Discovered 1983 Oct. 12 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Named for Loral, Inc., an American manufacturer of charge-coupled device chips. Several of Loral's large-format chips are to be used in a search for near-earth minor planets and comets to be conducted by the discoverer.

(5244) Amphilochos = 1973 SQ₁

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

Like his father Amphiarao, Amphilocho could foretell the future. As the Greek fleet departed from Troy he was warned by a vision, and in the final moment before the ship departed he jumped to the shore. In this way he saved his life and lived together with Kalchas in Asia Minor.

(5248) Scardia = 1983 GQ

Discovered 1983 Apr. 6 by H. Debehogne and G. DeSanctis at the European Southern Observatory.

Named in honor of Marco Scardia (1948–), astrometrist at the Merate branch of the Brera Astronomical Observatory. His principal fields of interest are visual double stars and minor solar-system bodies. As a specialist on visual binaries, in the past fifteen years he has carried out more than four thousand measurements and calculated approximately 80 orbits of binary stars. He is also active in the astrometric observation of minor planets and comets and in the calculation of their orbits. Name proposed and citation prepared by H. Debehogne.

(5263) Arrius = 1991 GY₉

Discovered 1991 Apr. 13 by D. I. Steel at Siding Spring.

Named for Harrison Callum Bertram Steel, first-born child of the discoverer. Harrison, born on 1992 December 16, shares his birth-date with several luminaries, including Christopher P. McKay (space scientist at NASA-Ames Research Center and friend of the discoverer), Arthur C. Clarke and Ludwig van Beethoven. Their first initials provide the beginning of Harrison's second name. The 'Arrius' name is inspired by the Latin form of 'Harry', and in particular the poem 'Harrius' by the Roman poet Catullus, concerning a man of that appellation who dropped his h's.

(5272) Dickinson = 1981 QH₂

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

Named in honor of Terence Dickinson (1943–), Canada's foremost popularizer of astronomy. Dickinson is the author of several books, notably *Night Watch*, *The Universe and Beyond*, *Exploring the Sky by Day* and *Exploring the Night Sky*, the last of which received the New York Academy of Sciences Children's Science Book Award in 1988. He reaches a wide Canadian audience every week with his astronomy column in *The Toronto Star* newspaper and on Canadian Broadcasting Corporation programs. From 1973 to 1975 he was editor of *Astronomy* magazine, and he has held scientific positions with the Ontario Science Centre in Toronto, the Strassenburgh Planetarium in Rochester and the McLaughlin Planetarium in Toronto. Dickinson teaches astronomy at St. Lawrence College in Kingston, Ontario. Name suggested and citation provided by C. J. Cunningham.

(5365) Fievez = 1981 EN₁

Discovered 1981 Mar. 7 by H. Debehogne and G. DeSanctis at the European Southern Observatory.

Named in memory of Charles Fievez (1844–1890), the pioneer of astrophysics in Belgium. His scientific career at the Observatoire Royal de Bruxelles was short (1877–1890) but very fruitful. In 1880 he started the first spectroscopic laboratory in Belgium. He published two dozen papers on spectroscopy, including an atlas of the solar spectrum, and in 1885 he observed the broadening effect of spectral lines due to the presence of a magnetic field (but without finding the correct interpretation) eleven years before Zeeman.

(5392) Parker = 1986 AK

Discovered 1986 Jan. 12 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

This Mars-crossing Phocaea is named in honor of the American amateur astronomer Don Parker, who specializes in high-resolution photography and CCD imaging of Mars and Jupiter. Through his precise imaging, new features have been recognized on Mars. His investigations of planetary atmospheres have improved the understanding of weather phenomena there. Name proposed and citation written by P. L. Dombrowski, endorsed by D. H. Levy.

(5394) Jurgens = 1986 EZ₁

Discovered 1986 Mar. 6 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Named in honor of Raymond F. Jurgens (1937–), a radar astronomer at the Jet Propulsion Laboratory, who developed the data-acquisition system used for high-resolution delay-Doppler imaging of (4179) Toutatis in 1992. Jurgens led the dual-polarization, dual-wavelength radar investigations of (433) Eros in 1975 (the first of a minor planet). He also pioneered techniques for using radar spectra to constrain small-body shapes and led the first three-station radar interferometric observations of Venus. Name suggested and citation material provided by S. J. Ostro.

(5516) Jawilliamson = 1989 JK

Discovered 1989 May 2 by E. F. Helin at Palomar.

Named in honor of Jack Williamson, science-fiction writer, who has helped define the development of contemporary science fiction. For 65 years, Jack has written science fiction of every conceivable sort, from space opera to the most modern technologically oriented variety. He has influenced many people in their pursuit of careers in science and science writing. Named endorsed by D. Brin and Williamson's many friends and colleagues.

(5517) Johnerogers = 1989 LJ

Discovered 1989 June 4 by E. F. Helin at Palomar.

Named in honor of John E. Rogers, Range Safety Officer at Point Mugu, California, and an amateur astronomer long known for his computer software and for his computation of orbits. More recently he has developed an astrometric system using a CCD camera and related software that he expertly uses at his home in Camarillo. The discoverer acknowledges his unstinting assistance in using this equipment to obtain crucial observations of newly-discovered near-earth objects, and from time to time he has also joined the discoverer's team at Palomar to search for them. Name proposed by the first discoverer, endorsed by K. Lawrence, B. G. Marsden and G. V. Williams.

(5546) Salavat = 1979 YS

Discovered 1979 Dec. 18 by H. Debehogne at La Silla.

Named in honor of the industrial city of Salavat, located in Bashkiria, just west of the Ural Mountains.

(5576) Albanese = 1986 UM₁

Discovered 1986 Oct. 26 at Caussols.

Named in honor of Dominique Albanese, photographer and observer at the Schmidt telescope of the Observatoire de la Côte d'Azur. Dominique has also installed a 30-cm Schmidt telescope with which he regularly photographs the skies. Citation written by A. Maury and endorsed by J.-L. Heudier.

(5615) Iskander = 1983 PZ

Discovered 1983 Aug. 4 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Named in honor of Fazil' Abdulovich Iskander (1929–), well-known writer, poet, essayist, author of the humorous *Sandro from Chegem* and the winner of such

literature prizes as the Pushkin. He is a vice-president of the Russian Pen Club. Name suggested by L. R. Nemirovskij.

(5666) Rabelais = 1982 TP₁

Discovered 1982 Oct. 14 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Named in memory of François Rabelais (c.1494–1553), great French writer, outstanding representative of European humanism and the author of the immortal literary works *La vie inestimable du grand Gargantua, Père de Pantagruel* and *Pantagruel*. The name is given on the occasion of the five-hundredth anniversary of his birth, following a suggestion by the St. Petersburg House of Satire and Humor.

(5676) Voltaire = 1986 RH₁₂

Discovered 1986 Sept. 9 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Named in memory of Marie François Arouet (Voltaire) (1694–1778), the great French writer, philosopher, historian, inspirer of French enlightenment during the eighteenth century, and the acknowledged leader of the age. The name is given on the occasion of the three-hundredth anniversary of his birth, following a suggestion by the St. Petersburg House of Satire and Humor.

(5678) DuBridge = 1989 TS

Discovered 1989 Oct. 1 by E. F. Helin at Palomar.

Named in memory of Lee Alvin DuBridge (1901–1994), noted nuclear physicist and former president of the California Institute of Technology. DuBridge set an extraordinary example of excellence in scientific research and the administration of science. Included among his many accomplishments was the establishment and direction of the Massachusetts Institute of Technology's radiation laboratory for the development of radar. In the field of science he was a key advisor to several U.S. presidents. This tribute, initiated before DuBridge's death, is endorsed by his many friends and colleagues and the discoverer's husband, Ron Helin, who was a student during DuBridge's presidency at Caltech.

(5700) Homerus = 5166 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Named for the legendary Greek poet Homerus, who depicted in his epic poem *Ilias* an episode of the battle around Troy. Without Homerus, we would know nothing of the heroes of Troy and Greece, including those whose names are given to minor planets.

(5717) Damir = 1982 UM₆

Discovered 1982 Oct. 20 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Named in memory of Alim Matveevich Damir (1894–1982), well-known physician, professor at the First and Second Medical Institutes in Moscow. Name suggested by his son-in-law, S. P. Kapitsa.

(5748) Davebrin = 1991 DX

Discovered 1991 Feb. 19 by E. F. Helin at Palomar.

Named in honor of David Brin, astrophysicist and popular science-fiction writer. His scientific training has given credibility and authority to his exploration of new ideas and story themes. He is the recipient of many prestigious awards, among them the Hugo, Nebula and LOCUS.

EPHEMERIDES

Periodic Comet Wild 3

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1994 01 28	14 56.59	-03 11.9	2.461	2.576	85.4	22.4	17.6
1994 02 07	15 08.11	-03 49.1	2.310	2.548	92.3	22.7	17.4
1994 02 17	15 18.32	-04 18.7	2.161	2.522	99.6	22.7	17.3
1994 02 27	15 26.91	-04 41.3	2.017	2.496	107.2	22.3	17.1
1994 03 09	15 33.55	-04 58.0	1.880	2.471	115.2	21.3	16.9
1994 03 19	15 37.90	-05 10.5	1.752	2.448	123.7	19.8	16.7
1994 03 29	15 39.66	-05 21.3	1.636	2.426	132.7	17.6	16.4
1994 04 08	15 38.63	-05 33.1	1.535	2.406	142.2	14.8	16.2
1994 04 18	15 34.81	-05 49.3	1.454	2.387	152.0	11.4	15.9
1994 04 28	15 28.55	-06 13.5	1.393	2.370	161.6	7.7	15.6
1994 05 08	15 20.53	-06 48.5	1.357	2.355	168.6	4.9	15.4
1994 05 18	15 11.79	-07 36.3	1.346	2.341	166.5	5.8	15.5
1994 05 28	15 03.53	-08 37.3	1.359	2.329	157.8	9.4	15.6
1994 06 07	14 56.83	-09 50.4	1.396	2.319	147.9	13.4	15.8
1994 06 17	14 52.50	-11 13.6	1.453	2.311	138.1	17.1	16.0
1994 06 27	14 51.00	-12 44.7	1.528	2.305	128.8	20.1	16.2
1994 07 07	14 52.41	-14 21.2	1.616	2.302	120.2	22.5	16.4
1994 07 17	14 56.68	-16 01.1	1.715	2.300	112.1	24.2	16.6
1994 07 27	15 03.59	-17 42.3	1.823	2.300	104.6	25.3	16.8
1994 08 06	15 12.87	-19 23.2	1.936	2.302	97.6	25.9	16.9
1994 08 16	15 24.30	-21 02.0	2.053	2.306	91.1	26.0	17.1
1994 08 26	15 37.61	-22 37.3	2.173	2.313	84.8	25.8	17.2
1994 09 05	15 52.61	-24 07.4	2.294	2.321	78.9	25.2	17.3
1994 09 15	16 09.10	-25 31.1	2.415	2.331	73.1	24.4	17.4
1994 09 25	16 26.91	-26 46.9	2.534	2.343	67.6	23.3	17.5
1994 10 05	16 45.87	-27 53.7	2.652	2.357	62.1	22.0	17.5
1994 10 15	17 05.82	-28 50.3	2.767	2.373	56.8	20.6	17.6
1994 10 25	17 26.58	-29 36.0	2.878	2.390	51.6	19.0	17.7
1994 11 04	17 48.00	-30 09.8	2.984	2.409	46.4	17.3	17.7
1994 11 14	18 09.90	-30 31.6	3.085	2.430	41.2	15.6	17.7
1994 11 24	18 32.10	-30 41.0	3.179	2.452	36.1	13.7	17.7
1994 12 04	18 54.45	-30 38.1	3.267	2.475	31.0	11.8	17.8

1993 UC

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	01 50.07	-24 27.6	0.427	0.824	55.3	99.5	16.3
1994 02 22	01 58.61	-21 31.1	0.367	0.824	53.3	105.8	16.3
1994 02 27	02 06.51	-17 21.0	0.307	0.832	51.1	112.3	16.3
1994 03 04	02 13.77	-11 07.4	0.249	0.847	48.4	118.9	16.4
1994 03 09	02 20.70	-01 18.3	0.196	0.868	46.0	124.7	16.4
1994 03 14	02 28.07	+14 43.4	0.153	0.895	46.2	126.7	16.1
1994 03 19	02 38.13	+39 03.5	0.130	0.927	54.8	118.7	15.1
1994 03 24	03 00.57	+66 21.4	0.135	0.963	71.5	100.9	14.2
1994 03 29	06 13	+85 41.5	0.165	1.002	86.5	84.1	14.0
1994 04 03	13 16.3	+78 24.5	0.209	1.044	96.3	72.2	14.2
1994 04 08	13 46.90	+69 56.7	0.258	1.088	102.7	63.9	14.5
1994 04 13	13 55.76	+63 54.6	0.311	1.133	106.9	57.8	14.8
1994 04 18	13 59.61	+59 17.7	0.366	1.180	109.9	53.1	15.1
1994 04 23	14 01.67	+55 31.6	0.422	1.228	112.1	49.4	15.4

Elements MPC 18258

Elements MPC 23135

1994 04 28	14 03.01	+52 17.0	0.478	1.276	113.6	46.3	15.7	1994 06 22	18 02.99	+39 37.5	0.203	1.123	116.9	53.8	14.3
1994 05 03	14 04.10	+49 22.5	0.537	1.324	114.6	43.8	15.9	1994 06 27	18 03.77	+28 14.4	0.236	1.177	128.2	42.7	14.4
1994 05 08	14 05.20	+46 41.3	0.596	1.373	115.2	41.7	16.2	1994 07 02	18 04.38	+19 30.8	0.277	1.232	136.4	34.7	14.6
1994 05 13	14 06.49	+44 09.4	0.657	1.422	115.4	39.9	16.4	1994 07 07	18 05.12	+12 47.4	0.324	1.287	141.8	29.3	14.9
1994 05 18	14 08.07	+41 44.2	0.719	1.470	115.3	38.5	16.7	1994 07 12	18 06.16	+07 31.5	0.376	1.341	144.8	25.9	15.2
1994 05 23	14 09.98	+39 24.7	0.783	1.519	114.9	37.2	16.9	1994 07 17	18 07.61	+03 19.7	0.433	1.396	145.8	24.2	15.5
1994 05 28	14 12.23	+37 10.1	0.848	1.567	114.3	36.1	17.1	1994 07 22	18 09.49	-00 04.2	0.494	1.449	145.3	23.5	15.9
1994 06 02	14 14.82	+34 59.7	0.916	1.614	113.4	35.2	17.3	1994 07 27	18 11.82	-02 52.0	0.559	1.503	143.6	23.6	16.2
1994 06 07	14 17.75	+32 53.3	0.985	1.661	112.3	34.4	17.5	1994 08 01	18 14.58	-05 11.6	0.628	1.556	141.3	24.1	16.6
1994 06 12	14 21.01	+30 50.7	1.057	1.708	111.0	33.7	17.7	1994 08 06	18 17.77	-07 09.1	0.702	1.608	138.4	24.7	16.9
1994 06 17	14 24.59	+28 51.8	1.130	1.754	109.5	33.1	17.9	1994 08 11	18 21.39	-08 48.5	0.778	1.660	135.3	25.4	17.2
1994 06 22	14 28.48	+26 56.7	1.205	1.800	107.9	32.5	18.1	1994 08 16	18 25.42	-10 13.2	0.858	1.711	132.0	26.1	17.5
1994 06 27	14 32.64	+25 05.6	1.282	1.845	106.2	31.9	18.2	1994 08 21	18 29.82	-11 25.4	0.942	1.761	128.7	26.7	17.8
1994 07 02	14 37.05	+23 18.1	1.361	1.890	104.3	31.4	18.4	1994 08 26	18 34.55	-12 27.3	1.028	1.811	125.2	27.1	18.1
1994 07 07	14 41.71	+21 34.4	1.442	1.934	102.3	30.9	18.6	1994 08 31	18 39.58	-13 20.2	1.118	1.860	121.8	27.5	18.3
1994 07 12	14 46.60	+19 54.4	1.524	1.977	100.3	30.4	18.7	1994 09 05	18 44.90	-14 05.4	1.210	1.908	118.3	27.7	18.6
1994 07 17	14 51.70	+18 18.1	1.608	2.020	98.1	29.9	18.9	1994 09 10	18 50.48	-14 43.8	1.305	1.955	114.9	27.8	18.8
1994 07 22	14 57.00	+16 45.5	1.693	2.062	95.9	29.3	19.0	1994 09 15	18 56.29	-15 16.1	1.402	2.002	111.5	27.9	19.0
1994 07 27	15 02.48	+15 16.6	1.780	2.104	93.6	28.8	19.1	1994 09 20	19 02.32	-15 43.0	1.500	2.048	108.1	27.8	19.2
1994 08 01	15 08.13	+13 51.2	1.867	2.145	91.3	28.2	19.3	1994 09 25	19 08.52	-16 05.1	1.601	2.093	104.7	27.6	19.4
1994 08 06	15 13.93	+12 29.3	1.956	2.185	88.9	27.7	19.4	1994 09 30	19 14.88	-16 22.8	1.703	2.138	101.3	27.3	19.5
1994 08 11	15 19.89	+11 11.0	2.045	2.225	86.4	27.0	19.5	1994 10 05	19 21.39	-16 36.4	1.807	2.182	97.9	27.0	19.7
1994 08 16	15 25.98	+09 56.0	2.135	2.264	84.0	26.4	19.6	1994 10 10	19 28.03	-16 46.4	1.911	2.226	94.6	26.6	19.8
1994 08 21	15 32.20	+08 44.5	2.225	2.303	81.4	25.7	19.7	1994 10 15	19 34.77	-16 52.8	2.017	2.268	91.2	26.1	20.0
1994 08 26	15 38.54	+07 36.3	2.316	2.341	78.9	25.1	19.8	1994 10 20	19 41.61	-16 56.1	2.122	2.310	87.9	25.5	20.1
								1994 10 25	19 48.53	-16 56.5	2.228	2.352	84.5	24.9	20.2

1994 AH₂ $a, e, i = 2.52, 0.71, 10$ Elements *MPC* 23128

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	03 10.84	+06 18.8	1.073	1.314	79.1	47.6	18.0
1994 02 22	03 15.69	+07 18.5	1.064	1.259	75.5	49.5	18.0
1994 02 27	03 21.46	+08 21.8	1.051	1.204	72.2	51.5	17.9
1994 03 04	03 28.13	+09 28.7	1.034	1.149	69.1	53.7	17.8
1994 03 09	03 35.66	+10 39.3	1.013	1.095	66.2	56.0	17.8
1994 03 14	03 44.03	+11 53.5	0.986	1.042	63.5	58.6	17.7
1994 03 19	03 53.22	+13 11.7	0.955	0.990	61.0	61.5	17.6
1994 03 24	04 03.16	+14 34.2	0.918	0.940	58.6	64.9	17.5
1994 03 29	04 13.78	+16 01.7	0.877	0.893	56.4	68.7	17.4
1994 04 03	04 25.01	+17 35.1	0.830	0.850	54.4	73.0	17.3
1994 04 08	04 36.71	+19 15.8	0.779	0.811	52.4	78.1	17.2
1994 04 13	04 48.71	+21 05.8	0.723	0.778	50.5	83.7	17.2
1994 04 18	05 00.75	+23 07.8	0.664	0.753	48.6	90.0	17.2
1994 04 23	05 12.53	+25 25.9	0.603	0.736	46.6	96.8	17.2
1994 04 28	05 23.71	+28 05.7	0.540	0.729	44.6	104.0	17.3
1994 05 03	05 33.97	+31 14.4	0.478	0.731	42.6	111.2	17.5
1994 05 08	05 43.06	+35 02.3	0.418	0.744	40.6	117.9	17.7
1994 05 13	05 50.85	+39 43.2	0.361	0.765	39.1	123.5	17.8
1994 05 18	05 57.31	+45 36.5	0.309	0.794	38.7	127.2	17.9
1994 05 23	06 02.64	+53 09.2	0.263	0.830	40.4	127.8	17.7
1994 05 28	06 07.43	+62 56.5	0.224	0.871	45.4	124.0	17.1
1994 06 02	06 14.7	+75 34.9	0.193	0.917	54.8	115.2	16.2
1994 06 07	16 09	+88 33.6	0.174	0.965	68.7	101.6	15.3
1994 06 12	17 57.1	+71 09.8	0.170	1.016	85.5	84.9	14.7
1994 06 17	18 01.50	+54 06.9	0.180	1.069	102.4	68.2	14.3

1994 AW₁ $a, e, i = 1.10, 0.08, 24$ Elements *MPC* 23128

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	06 02.08	-15 23.5	0.363	1.186	114.7	49.2	17.5
1994 02 27	06 03.64	-17 39.4	0.426	1.188	107.1	52.9	18.0
1994 03 09	06 10.57	-18 57.9	0.487	1.187	101.1	55.2	18.3
1994 03 19	06 21.51	-19 45.9	0.542	1.185	96.3	56.6	18.6
1994 03 29	06 35.59	-20 18.9	0.591	1.182	92.4	57.6	18.8
1994 04 08	06 52.26	-20 45.1	0.632	1.177	89.2	58.3	19.0
1994 04 18	07 11.33	-21 09.5	0.665	1.170	86.5	58.9	19.1
1994 04 28	07 32.68	-21 35.5	0.689	1.162	84.3	59.5	19.2
1994 05 08	07 56.31	-22 03.5	0.705	1.153	82.5	60.2	19.2
1994 05 18	08 22.37	-22 33.5	0.714	1.143	81.0	60.9	19.2
1994 05 28	08 51.01	-23 04.2	0.715	1.132	79.8	61.7	19.2
1994 06 07	09 22.42	-23 31.8	0.712	1.121	78.8	62.7	19.2
1994 06 17	09 56.81	-23 52.1	0.704	1.109	78.0	63.7	19.2
1994 06 27	10 34.18	-23 58.5	0.694	1.096	77.2	64.7	19.2
1994 07 07	11 14.38	-23 43.3	0.683	1.084	76.4	65.8	19.2
1994 07 17	11 56.97	-22 59.2	0.675	1.072	75.7	66.7	19.1
1994 07 27	12 41.08	-21 40.4	0.670	1.061	74.9	67.6	19.1
1994 08 06	13 25.64	-19 44.8	0.669	1.050	74.0	68.2	19.1
1994 08 16	14 09.60	-17 15.5	0.675	1.041	73.1	68.6	19.1
1994 08 26	14 52.02	-14 19.3	0.685	1.033	72.2	68.6	19.2
1994 09 05	15 32.41	-11 05.4	0.699	1.027	71.4	68.5	19.2
1994 09 15	16 10.67	-07 42.9	0.716	1.023	70.7	68.0	19.2
1994 09 25	16 46.96	-04 18.7	0.733	1.021	70.1	67.4	19.2
1994 10 05	17 21.72	-00 58.1	0.750	1.022	69.8	66.7	19.3

1994 10 15	17 55.52	+02 16.3	0.765	1.024	69.6	65.9	19.3	1994 03 19	13 34.53	+06 26.3	1.687	2.620	-1.37	+4.0	19.9
1994 10 25	18 28.93	+05 23.1	0.776	1.028	69.8	65.2	19.3	1994 03 29	13 27.78	+08 23.6	1.604	2.571	-1.44	+3.8	19.6
1994 11 04	19 02.61	+08 21.3	0.784	1.034	70.1	64.4	19.3	1994 04 08	13 19.31	+10 18.8	1.548	2.521	-1.48	+3.4	19.5
1994 11 14	19 37.21	+11 10.9	0.789	1.042	70.8	63.7	19.3	1994 04 18	13 10.02	+12 00.8	1.520	2.470	-1.49	+2.8	19.5
1994 11 24	20 13.27	+13 50.9	0.791	1.052	71.5	62.9	19.3	1994 04 28	13 01.05	+13 20.0	1.517	2.419	-1.45	+2.1	19.6
1994 12 04	20 51.28	+16 19.1	0.793	1.062	72.4	62.2	19.3	1994 05 08	12 53.45	+14 10.5	1.535	2.368	-1.39	+1.4	19.7
1994 12 14	21 31.56	+18 32.5	0.796	1.074	73.3	61.4	19.3	1994 05 18	12 48.09	+14 30.3	1.571	2.315	-1.32	+0.9	19.8
1994 12 24	22 14.07	+20 26.0	0.802	1.086	74.1	60.6	19.4	1994 05 28	12 45.47	+14 20.8	1.619	2.263	-1.24	+0.6	19.9
1995 01 03	22 58.50	+21 54.3	0.814	1.098	74.7	59.7	19.4	1994 06 07	12 45.77	+13 45.6	1.675	2.210	-1.17	+0.5	20.0
1995 01 13	23 44.16	+22 53.2	0.833	1.110	74.9	58.8	19.4	1994 06 17	12 48.94	+12 48.3	1.735	2.157	-1.11	+0.6	20.1
1995 01 23	00 30.06	+23 20.1	0.859	1.122	74.7	57.7	19.5	1994 06 27	12 54.81	+11 32.8	1.795	2.104	-1.06	+0.9	20.2
1995 02 02	01 15.23	+23 15.7	0.894	1.134	74.0	56.7	19.6	1994 07 07	13 03.13	+10 01.9	1.854	2.051	-1.03	+1.2	20.2
1995 02 12	01 58.88	+22 43.7	0.937	1.145	73.0	55.5	19.7								
1995 02 22	02 40.44	+21 48.8	0.985	1.155	71.6	54.4	19.8								
1995 03 04	03 19.76	+20 36.1	1.038	1.164	69.9	53.2	19.9								

1994 AB₁

		$a, e, i = 2.84, 0.59, 5$				Elements <i>MPC</i> 23128		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	07 39.12	+30 12.2	0.817	1.710	142.5	20.6	17.7	
1994 02 27	07 44.34	+29 22.7	0.948	1.784	134.0	23.5	18.3	
1994 03 09	07 52.24	+28 27.3	1.093	1.859	126.0	25.6	18.7	
1994 03 19	08 02.20	+27 27.3	1.249	1.934	118.6	26.9	19.1	
1994 03 29	08 13.70	+26 23.5	1.415	2.008	111.5	27.6	19.5	
1994 04 08	08 26.27	+25 16.3	1.589	2.082	104.7	27.7	19.8	
1994 04 18	08 39.61	+24 05.6	1.770	2.155	98.2	27.5	20.1	
1994 04 28	08 53.45	+22 51.7	1.954	2.228	91.9	26.9	20.4	
1994 05 08	09 07.59	+21 34.7	2.142	2.299	85.7	26.0	20.6	

1994 CB

		$a, e, i = 1.15, 0.14, 18$				Elements <i>MPC</i> 23111		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	07 49.89	-08 42.5	0.182	1.135	141.3	33.0	19.0	
1994 02 27	07 11.65	-18 57.6	0.205	1.112	121.9	49.1	19.6	
1994 03 09	06 46.72	-25 48.2	0.236	1.089	107.9	60.2	20.2	
1994 03 19	06 32.48	-30 29.1	0.268	1.066	98.0	67.6	20.7	
1994 03 29	06 25.29	-34 03.9	0.296	1.045	90.8	72.7	21.0	

1991 NR₂

		$a, e, i = 2.66, 0.40, 17$				Elements <i>MPC</i> 23123		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	09 43.97	-03 24.5	2.687	3.647	163.9	4.3	19.3	
1994 02 27	09 35.16	-02 55.1	2.686	3.634	160.3	5.3	19.4	
1994 03 09	09 27.13	-02 18.3	2.715	3.620	151.7	7.5	19.5	
1994 03 19	09 20.47	-01 38.3	2.771	3.606	141.7	9.9	19.6	
1994 03 29	09 15.59	-00 59.0	2.851	3.590	131.4	12.0	19.8	
1994 04 08	09 12.68	-00 23.5	2.949	3.574	121.3	13.8	19.9	
1994 04 18	09 11.80	+00 05.7	3.061	3.556	111.7	15.2	20.0	
1994 04 28	09 12.87	+00 27.0	3.181	3.538	102.5	16.1	20.1	
1994 05 08	09 15.71	+00 39.5	3.306	3.519	93.8	16.6	20.2	
1994 05 18	09 20.15	+00 42.8	3.431	3.499	85.4	16.7	20.3	

1990 OL

		$a, e, i = 2.69, 0.45, 15$				Elements <i>MPC</i> 22082		
Date	TT	α_{2000}	δ_{2000}	Δ	r	Variation	ϕ	V
1994 02 17	13 40.31	+01 43.5	2.076	2.762	-1.09	+3.6	20.7	
1994 02 27	13 40.88	+03 00.9	1.927	2.715	-1.18	+3.8	20.4	
1994 03 09	13 38.98	+04 36.4	1.796	2.668	-1.28	+4.0	20.1	

1993 BW₃

		$a, e, i = 2.15, 0.53, 22$				Elements <i>MPC</i> 22488		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 02 17	14 30.66	-38 51.8	2.973	3.281	99.3	17.3	20.4	
1994 02 27	14 30.16	-40 13.3	2.840	3.283	108.0	16.7	20.2	
1994 03 09	14 26.84	-41 25.6	2.714	3.284	116.8	15.7	20.1	
1994 03 19	14 20.54	-42 24.2	2.602	3.284	125.7	14.3	20.0	
1994 03 29	14 11.37	-43 03.7	2.506	3.281	134.2	12.6	19.8	
1994 04 08	13 59.81	-43 19.0	2.431	3.278	141.9	10.9	19.7	
1994 04 18	13 46.76	-43 06.3	2.381	3.273	147.6	9.5	19.6	
1994 04 28	13 33.45	-42 25.2	2.357	3.266	149.8	8.9	19.5	
1994 05 08	13 21.11	-41 19.3	2.360	3.258	147.8	9.5	19.6	
1994 05 18	13 10.79	-39 55.7	2.389	3.249	142.4	11.0	19.6	
1994 05 28	13 03.14	-38 23.5	2.442	3.238	134.9	12.8	19.7	
1994 06 07	12 58.40	-36 51.0	2.515	3.226	126.7	14.6	19.9	
1994 06 17	12 56.53	-35 25.2	2.606	3.212	118.1	16.2	20.0	
1994 06 27	12 57.32	-34 10.8	2.708	3.197	109.7	17.4	20.1	
1994 07 07	13 00.46	-33 10.2	2.818	3.180	101.4	18.3	20.2	
1994 07 17	13 05.66	-32 24.5	2.933	3.162	93.5	18.7	20.3	
1994 07 27	13 12.66	-31 53.3	3.048	3.142	85.8	18.8	20.4	

Per. Comet Shoemaker-Levy 9 (1993e) Nucl. W = 1

		Elements <i>MPC</i> 23107						
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 02 17	14 40.23	-16 22.4	5.037	5.385	105.4	10.2	17.5	
1994 02 27	14 41.12	-16 24.5	4.886	5.384	115.3	9.6	17.4	
1994 03 09	14 40.79	-16 20.5	4.746	5.382	125.4	8.6	17.4	
1994 03 19	14 39.27	-16 10.5	4.623	5.381	135.8	7.4	17.3	
1994 03 29	14 36.67	-15 54.7	4.521	5.381	146.4	5.9	17.3	
1994 04 08	14 33.17	-15 33.8	4.443	5.380	157.1	4.1	17.2	
1994 04 18	14 29.04	-15 08.8	4.394	5.380	168.0	2.2	17.2	
1994 04 28	14 24.58	-14 41.2	4.373	5.380	178.9	0.2	17.2	
1994 05 08	14 20.14	-14 12.6	4.383	5.380	170.2	1.8	17.2	
1994 05 18	14 16.06	-13 44.9	4.423	5.381	159.5	3.8	17.2	
1994 05 28	14 12.65	-13 19.7	4.490	5.383	148.9	5.6	17.3	
1994 06 07	14 10.13	-12 58.4	4.581	5.385	138.6	7.2	17.3	
1994 06 17	14 08.70	-12 42.1	4.695	5.388	128.7	8.5	17.4	
1994 06 27	14 08.46	-12 31.1	4.826	5.392	119.0	9.5	17.4	
1994 07 07	14 09.47	-12 25.2	4.970	5.398	109.7	10.2	17.5	
1994 07 17	14 11.88	-12 23.1	5.125	5.407	100.7	10.6	17.5	

Per. Comet Shoemaker-Levy 9 (1993e) Nucl. C = 19

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements	MPC	23105
1994 02 17		14 40.40	-16 21.0	5.039	5.387	ϵ	ϕ	m_1
1994 02 27		14 41.30	-16 23.0	4.888	5.385	105.4	10.2	17.5
1994 03 09		14 40.99	-16 18.9	4.748	5.384	115.3	9.6	17.4
1994 03 19		14 39.48	-16 08.7	4.625	5.383	125.4	8.6	17.4
1994 03 29		14 36.90	-15 52.8	4.523	5.382	135.7	7.4	17.3
1994 04 08		14 33.42	-15 31.8	4.446	5.382	146.3	5.9	17.3
1994 04 18		14 29.30	-15 06.7	4.396	5.382	157.1	4.2	17.2
1994 04 28		14 24.87	-14 38.9	4.376	5.382	168.0	2.2	17.2
1994 05 08		14 20.45	-14 10.2	4.386	5.383	178.8	0.2	17.2
1994 05 18		14 16.40	-13 42.3	4.425	5.384	170.3	1.8	17.2
1994 05 28		14 13.01	-13 17.0	4.492	5.386	159.5	3.8	17.2
1994 06 07		14 10.52	-12 55.5	4.584	5.389	149.0	5.6	17.3
1994 06 17		14 09.13	-12 38.8	4.698	5.392	138.7	7.1	17.3
1994 06 27		14 08.94	-12 27.4	4.829	5.397	128.7	8.5	17.4
1994 07 07		14 10.07	-12 20.6	4.974	5.404	119.1	9.5	17.4
1994 07 17		14 12.95	-12 13.2	5.132	5.416	109.8	10.2	17.5
						100.9	10.6	17.6

1993 VA $a, e, i = 1.36, 0.39, 7$

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements	MPC	23126
1994 02 17		16 46.05	-12 26.8	0.536	1.010	ϵ	ϕ	V
1994 02 27		17 03.68	-11 10.1	0.556	1.070	76.7	72.2	18.2
1994 03 09		17 17.85	-09 49.4	0.564	1.133	82.5	66.5	18.2
1994 03 19		17 27.72	-08 23.2	0.562	1.195	89.0	61.2	18.2
1994 03 29		17 32.52	-06 52.8	0.553	1.257	96.3	55.9	18.2
1994 04 08		17 31.44	-05 21.0	0.540	1.318	104.6	50.2	18.1
1994 04 18		17 23.76	-03 53.7	0.527	1.376	114.2	43.9	17.9
1994 04 28		17 09.49	-02 40.2	0.520	1.431	125.0	36.7	17.8
1994 05 08		16 49.81	-01 51.3	0.525	1.484	136.9	28.7	17.6
1994 05 18		16 27.38	-01 36.9	0.547	1.534	148.9	20.6	17.5
1994 05 28		16 05.80	-02 00.2	0.589	1.580	158.5	14.0	17.4
1994 06 07		15 48.02	-02 56.0	0.650	1.624	160.4	12.5	17.6
1994 06 17		15 35.58	-04 15.2	0.730	1.664	153.7	16.1	18.0
1994 06 27		15 28.70	-05 48.3	0.825	1.700	144.2	20.9	18.5
1994 07 07		15 26.79	-07 28.2	0.931	1.734	134.6	25.2	18.9
1994 07 17		15 29.07	-09 10.3	1.046	1.764	125.7	28.4	19.3
1994 07 27		15 34.77	-10 51.4	1.168	1.791	117.5	30.7	19.7
1994 08 06		15 43.24	-12 29.4	1.294	1.814	110.0	32.2	20.0
1994 08 16		15 54.01	-14 02.8	1.422	1.834	102.9	33.0	20.2
1994 08 26		16 06.68	-15 30.4	1.550	1.851	96.3	33.3	20.5
						90.0	33.1	20.7

Periodic Comet Maury (1985 VI)

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements	MPC	18257
1994 02 17		19 55.73	-12 35.2	2.831	2.044	Variation	m_2	
1994 02 27		20 19.79	-11 22.9	2.772	2.035	-1.21	-1.7	18.6
1994 03 09		20 43.40	-10 00.5	2.711	2.029	-1.21	-2.0	18.6
1994 03 19		21 06.45	-08 29.9	2.649	2.027	-1.22	-2.3	18.6
1994 03 29		21 28.85	-06 53.4	2.586	2.029	-1.22	-2.6	18.6
1994 04 08		21 50.54	-05 13.0	2.521	2.034	-1.22	-2.7	18.6
1994 04 18		22 11.45	-03 31.1	2.454	2.044	-1.22	-2.8	18.6
1994 04 28		22 31.51	-01 49.9	2.386	2.057	-1.21	-2.8	18.6
1994 05 08		22 50.65	-00 11.8	2.316	2.073	-1.21	-2.7	18.6

1994 05 18	23 08.78	+01 21.2	2.244	2.093	-1.22	-2.6	18.6
1994 05 28	23 25.79	+02 46.7	2.169	2.116	-1.22	-2.5	18.5
1994 06 07	23 41.56	+04 02.7	2.094	2.142	-1.23	-2.4	18.5
1994 06 17	23 55.92	+05 07.1	2.016	2.170	-1.25	-2.3	18.4
1994 06 27	00 08.67	+05 57.8	1.938	2.202	-1.28	-2.3	18.4
1994 07 07	00 19.61	+06 32.8	1.861	2.236	-1.31	-2.3	18.3
1994 07 17	00 28.46	+06 49.8	1.785	2.272	-1.35	-2.4	18.2
1994 07 27	00 34.98	+06 47.2	1.714	2.310	-1.40	-2.6	18.1
1994 08 06	00 38.97	+06 23.4	1.651	2.350	-1.46	-3.0	18.0
1994 08 16	00 40.30	+05 37.9	1.597	2.392	-1.53	-3.5	17.9
1994 08 26	00 39.02	+04 31.8	1.559	2.435	-1.59	-4.0	17.7
1994 09 05	00 35.44	+03 08.5	1.539	2.480	-1.64	-4.6	17.6
1994 09 15	00 30.11	+01 33.8	1.542	2.526	-1.66	-5.0	17.4
1994 09 25	00 23.90	-00 03.8	1.571	2.572	-1.66	-5.3	17.2
1994 10 05	00 17.70	-01 35.5	1.627	2.620	-1.62	-5.4	17.5
1994 10 15	00 12.41	-02 53.7	1.710	2.669	-1.55	-5.2	17.8
1994 10 25	00 08.69	-03 53.3	1.818	2.718	-1.46	-4.9	18.2
1994 11 04	00 06.90	-04 32.3	1.948	2.767	-1.36	-4.5	18.5
1994 11 14	00 07.18	-04 50.9	2.097	2.817	-1.25	-4.2	18.7
1994 11 24	00 09.48	-04 51.0	2.262	2.868	-1.15	-3.8	19.0
1994 12 04	00 13.60	-04 34.9	2.437	2.919	-1.05	-3.5	19.2

Periodic Comet Russell 2

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements	MPC	18259
1994 02 27		15 57.73	-20 06.3	2.521	2.815	ϵ	ϕ	m_2
1994 03 09		16 05.48	-21 00.7	2.354	2.779	96.8	20.4	19.3
1994 03 19		16 11.43	-21 53.8	2.193	2.743	104.8	20.2	19.1
1994 03 29		16 15.27	-22 46.2	2.042	2.708	113.3	19.5	18.9
1994 04 08		16 16.67	-23 38.2	1.903	2.674	122.2	18.2	18.7
1994 04 18		16 15.40	-24 29.2	1.781	2.641	131.5	16.3	18.4
1994 04 28		16 11.42	-25 18.3	1.678	2.608	141.4	13.7	18.2
1994 05 08		16 04.95	-26 03.6	1.597	2.577	151.7	10.5	17.9
1994 05 18		15 56.58	-26 42.8	1.541	2.546	162.2	6.9	17.6
1994 05 28		15 47.31	-27 14.5	1.511	2.517	171.6	3.3	17.3
1994 06 07		15 38.33	-27 38.6	1.507	2.489	170.8	3.7	17.3
1994 06 17		15 30.84	-27 57.1	1.527	2.462	161.0	7.6	17.4
1994 06 27		15 25.79	-28 13.1	1.568	2.437	150.4	11.8	17.6
1994 07 07		15 23.74	-28 29.9	1.626	2.413	140.1	15.5	17.8
1994 07 17		15 24.91	-28 49.8	1.699	2.391	130.4	18.7	17.9
1994 07 27		15 29.28	-29 14.3	1.781	2.370	121.4	21.3	18.1
1994 08 06		15 36.65	-29 43.2	1.871	2.352	113.0	23.2	18.2
1994 08 16		15 46.77	-30 15.7	1.966	2.335	105.3	24.6	18.4
1994 08 26		15 59.37	-30 50.3	2.064	2.320	98.1	25.4	18.5
1994 09 05		16 14.18	-31 24.7	2.164	2.307	91.4	25.8	18.6
1994 09 15		16 30.97	-31 57.0	2.264	2.297	85.1	25.8	18.7
1994 09 25		16 49.48	-32 24.9	2.363	2.288	79.1	25.5	18.7
1994 10 05		17 09.47	-32 46.2	2.460	2.282	73.4	24.8	18.8
1994 10 15		17 30.74	-32 59.0	2.556	2.278	68.0	24.0	18.9
1994 10 25		17 53.01	-33 01.5	2.649	2.277	62.7	22.9	18.9
1994 11 04		18 16.07	-32 52.5	2.739	2.277	57.6	21.6	19.0
1994 11 14		18 39.67	-32 30.9	2.825	2.280	52.6	20.2	19.0
1994 11 24		19 03.56	-31 56.3	2.907	2.285	47.7	18.7	19.0
						42.9	17.1	19.0

1994 12 04	19 27.53	-31 08.6	2.986	2.293	38.1	15.4	19.0
1994 12 14	19 51.38	-30 08.2	3.059	2.302	33.4	13.6	19.0

1992 SL $a, e, i = 1.64, 0.33, 9$

Elements MPC 21587

Date TT	α_{2000}	δ_{2000}	Δ	r	Variation		V
1994 03 09	15 46.27	-26 01.5	1.352	1.909	-2.00	+8.5	20.8
1994 03 19	15 54.93	-27 41.7	1.215	1.874	-2.34	+9.0	20.5
1994 03 29	16 00.73	-29 25.5	1.085	1.837	-2.75	+9.9	20.2
1994 04 08	16 02.81	-31 13.5	0.966	1.799	-3.25	+11.2	19.8
1994 04 18	16 00.16	-33 03.9	0.859	1.759	-3.83	+13.4	19.4
1994 04 28	15 51.91	-34 51.1	0.767	1.717	-4.45	+16.9	19.0
1994 05 08	15 37.66	-36 23.6	0.693	1.674	-4.99	+22.0	18.6
1994 05 18	15 18.29	-37 25.3	0.639	1.630	-5.29	+28.6	18.3
1994 05 28	14 56.58	-37 43.8	0.604	1.584	-5.19	+35.3	18.2
1994 06 07	14 36.38	-37 18.7	0.587	1.537	-4.72	+40.1	18.3
1994 06 17	14 21.27	-36 24.9	0.585	1.490	-4.06	+41.9	18.5
1994 06 27	14 13.20	-35 23.7	0.593	1.442	-3.40	+41.1	18.6
1994 07 07	14 12.47	-34 31.5	0.606	1.395	-2.86	+38.5	18.7
1994 07 17	14 18.67	-33 56.7	0.621	1.348	-2.48	+35.1	18.9
1994 07 27	14 31.07	-33 40.4	0.634	1.303	-2.25	+31.4	18.9
1994 08 06	14 49.04	-33 38.3	0.644	1.260	-2.16	+27.7	19.0
1994 08 16	15 12.21	-33 43.2	0.649	1.219	-2.18	+23.8	19.0
1994 08 26	15 40.22	-33 45.7	0.650	1.183	-2.29	+19.6	19.0
1994 09 05	16 12.78	-33 34.0	0.647	1.152	-2.48	+14.8	19.0

1989 SL₅ $a, e, i = 2.99, 0.54, 24$

Elements MPC 22081

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 03 09	16 30.47	+06 33.9	2.154	2.553	102.0	22.4	20.8
1994 03 19	16 38.85	+08 10.1	1.990	2.492	108.6	22.2	20.5
1994 03 29	16 45.42	+10 00.5	1.834	2.431	115.0	21.8	20.3
1994 04 08	16 49.84	+12 02.9	1.690	2.370	121.3	21.2	20.0
1994 04 18	16 51.72	+14 12.6	1.558	2.307	127.1	20.3	19.8
1994 04 28	16 50.77	+16 22.4	1.442	2.244	132.1	19.4	19.5
1994 05 08	16 46.82	+18 22.7	1.341	2.181	135.8	18.8	19.3
1994 05 18	16 40.00	+20 00.9	1.258	2.118	137.7	18.7	19.1
1994 05 28	16 30.87	+21 03.7	1.191	2.055	137.4	19.5	18.9
1994 06 07	16 20.44	+21 19.5	1.141	1.992	134.9	21.1	18.8
1994 06 17	16 10.11	+20 40.5	1.107	1.930	130.7	23.5	18.8
1994 06 27	16 01.37	+19 05.7	1.086	1.868	125.3	26.4	18.7
1994 07 07	15 55.39	+16 39.9	1.077	1.808	119.4	29.3	18.7
1994 07 17	15 53.02	+13 31.0	1.077	1.749	113.3	32.2	18.7
1994 07 27	15 54.63	+09 49.3	1.084	1.693	107.4	34.9	18.8
1994 08 06	16 00.26	+05 44.0	1.096	1.639	101.8	37.3	18.8
1994 08 16	16 09.86	+01 23.5	1.113	1.588	96.6	39.3	18.8
1994 08 26	16 23.27	-03 04.1	1.134	1.542	91.8	40.9	18.8
1994 09 05	16 40.35	-07 31.9	1.157	1.500	87.4	42.2	18.8

1992 AE $a, e, i = 2.20, 0.44, 6$

Elements MPC 21944

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 03 09	16 59.23	-18 39.6	2.433	2.670	92.7	21.8	20.6
1994 03 19	17 07.06	-18 47.7	2.259	2.633	100.8	21.8	20.4
1994 03 29	17 12.99	-18 52.4	2.088	2.595	109.2	21.3	20.2
1994 04 08	17 16.66	-18 54.8	1.924	2.555	118.2	20.2	20.0
1994 04 18	17 17.63	-18 55.8	1.770	2.513	127.7	18.4	19.7

1994 04 28	17 15.57	-18 56.0	1.630	2.471	137.9	15.8	19.4
1994 05 08	17 10.22	-18 56.1	1.506	2.427	148.8	12.4	19.1
1994 05 18	17 01.60	-18 56.1	1.404	2.381	160.4	8.2	18.7
1994 05 28	16 50.19	-18 56.0	1.327	2.335	172.2	3.4	18.3
1994 06 07	16 36.98	-18 56.0	1.276	2.287	173.5	2.9	18.1
1994 06 17	16 23.43	-18 57.1	1.251	2.238	161.4	8.3	18.3
1994 06 27	16 11.17	-19 01.5	1.252	2.187	149.1	13.8	18.5
1994 07 07	16 01.53	-19 11.9	1.274	2.136	137.4	18.8	18.6
1994 07 17	15 55.42	-19 30.6	1.312	2.083	126.5	23.1	18.8
1994 07 27	15 53.24	-19 58.9	1.361	2.030	116.6	26.6	18.9
1994 08 06	15 54.96	-20 36.4	1.417	1.975	107.5	29.3	19.0
1994 08 16	16 00.45	-21 22.0	1.475	1.920	99.4	31.4	19.1
1994 08 26	16 09.41	-22 13.5	1.533	1.865	91.9	32.8	19.2
1994 09 05	16 21.57	-23 08.5	1.588	1.809	85.2	33.8	19.2

Periodic Comet Brooks 2

Elements MPC 18259

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1994 03 09	21 13.29	-12 37.0	3.155	2.367	31.5	12.7	18.6
1994 03 19	21 33.11	-11 07.9	3.044	2.319	36.4	14.8	18.6
1994 03 29	21 53.00	-09 31.5	2.927	2.272	41.1	16.8	18.5
1994 04 08	22 12.94	-07 48.7	2.807	2.227	45.7	18.8	18.4
1994 04 18	22 32.95	-06 00.4	2.684	2.183	50.2	20.7	18.4
1994 04 28	22 53.02	-04 07.8	2.559	2.140	54.6	22.6	18.3
1994 05 08	23 13.16	-02 12.1	2.434	2.100	58.9	24.3	18.2
1994 05 18	23 33.38	-00 14.9	2.310	2.061	63.2	26.0	18.1
1994 05 28	23 53.67	+01 42.3	2.187	2.025	67.3	27.5	18.0
1994 06 07	00 14.02	+03 37.8	2.066	1.991	71.5	28.9	17.8
1994 06 17	00 34.39	+05 29.4	1.948	1.961	75.6	30.1	17.7
1994 06 27	00 54.69	+07 15.2	1.834	1.933	79.8	31.2	17.6
1994 07 07	01 14.85	+08 52.9	1.723	1.909	84.1	32.0	17.4
1994 07 17	01 34.66	+10 20.1	1.616	1.888	88.6	32.6	17.3
1994 07 27	01 53.93	+11 34.8	1.514	1.871	93.3	32.8	17.1
1994 08 06	02 12.34	+12 34.7	1.417	1.858	98.3	32.7	17.0
1994 08 16	02 29.51	+13 17.8	1.326	1.849	103.7	32.2	16.8
1994 08 26	02 44.99	+13 42.8	1.241	1.844	109.6	31.1	16.6
1994 09 05	02 58.26	+13 48.6	1.162	1.844	116.1	29.4	16.4
1994 09 15	03 08.76	+13 35.1	1.092	1.847	123.4	27.0	16.2
1994 09 25	03 16.03	+13 03.1	1.032	1.855	131.5	23.9	16.0
1994 10 05	03 19.72	+12 14.9	0.984	1.868	140.5	19.9	15.8
1994 10 15	03 19.81	+11 14.8	0.952	1.884	150.2	15.2	15.6
1994 10 25	03 16.81	+10 09.5	0.938	1.904	160.4	10.1	15.4
1994 11 04	03 11.70	+09 07.2	0.944	1.927	169.3	5.5	15.2
1994 11 14	03 05.87	+08 17.0	0.973	1.954	169.8	5.1	15.3
1994 11 24	03 00.79	+07 45.4	1.024	1.984	161.3	9.2	15.7
1994 12 04	02 57.56	+07 35.9	1.097	2.017	151.2	13.6	16.0
1994 12 14	02 56.89	+07 48.2	1.190	2.053	141.4	17.4	16.4
1994 12 24	02 59.00	+08 19.3	1.299	2.091	132.2	20.4	16.7
1995 01 03	03 03.76	+09 05.2	1.424	2.131	123.5	22.6	17.0
1995 01 13	03 10.94	+10 01.6	1.561	2.173	115.5	24.1	17.3
1995 01 23	03 20.19	+11 04.5	1.707	2.217	107.9	25.0	17.5
1995 02 02	03 31.17	+12 10.5	1.862	2.262	100.7	25.3	17.8
1995 02 12	03 43.62	+13 16.8	2.022	2.308	93.8	25.3	18.0
1995 02 22	03 57.24	+14 21.0	2.186	2.356	87.2	24.8	18.2

1995 03 04	04 11.82	+15 21.4	2.353	2.404	80.9	24.0	18.4
1995 03 14	04 27.18	+16 16.6	2.520	2.453	74.7	23.0	18.5
1995 03 24	04 43.12	+17 05.4	2.686	2.503	68.7	21.8	18.7
1995 04 03	04 59.51	+17 47.0	2.850	2.553	62.8	20.4	18.8
1995 04 13	05 16.24	+18 20.9	3.009	2.603	57.0	18.8	18.9
1995 04 23	05 33.16	+18 46.8	3.164	2.654	51.3	17.2	19.0
1995 05 03	05 50.19	+19 04.4	3.312	2.705	45.7	15.5	19.1
1995 05 13	06 07.22	+19 13.9	3.452	2.756	40.0	13.6	19.2
1995 05 23	06 24.17	+19 15.3	3.583	2.807	34.4	11.8	19.2

Comet Mueller (1993p)

Date TT	α_{2000}	δ_{2000}	Δ	r	Elements MPC 23106		
					ϵ	ϕ	m_1
1994 03 19	00 30.65	-32 43.0	1.642	0.976	33.2	34.0	8.0
1994 03 29	00 58.75	-37 13.3	1.467	0.968	41.0	42.6	7.7
1994 04 08	01 39.90	-42 14.9	1.276	0.992	49.9	50.5	7.5
1994 04 18	02 45.22	-47 15.5	1.093	1.045	59.6	56.0	7.4
1994 04 28	04 27.84	-49 46.2	0.953	1.120	69.7	57.4	7.4
1994 05 08	06 31.61	-45 16.4	0.899	1.213	78.7	54.7	7.6
1994 05 18	08 09.05	-34 29.3	0.959	1.317	83.9	49.8	8.1
1994 05 28	09 11.18	-23 28.0	1.118	1.430	84.1	44.8	8.8
1994 06 07	09 51.75	-15 07.1	1.342	1.548	80.8	40.3	9.5
1994 06 17	10 20.73	-09 20.7	1.599	1.669	75.7	36.1	10.2
1994 06 27	10 43.22	-05 24.6	1.870	1.792	69.7	32.1	10.9
1994 07 07	11 01.85	-02 42.5	2.145	1.915	63.2	28.3	11.5
1994 07 17	11 18.05	-00 50.3	2.415	2.039	56.5	24.6	12.0
1994 07 27	11 32.63	+00 28.0	2.675	2.162	49.7	21.0	12.5
1994 08 06	11 46.06	+01 22.9	2.922	2.285	42.9	17.6	12.9
1994 08 16	11 58.66	+02 01.4	3.152	2.407	35.9	14.3	13.3

Periodic Comet Borrelly

Date TT	α_{2000}	δ_{2000}	Δ	r	Elements MPC 18259		
					ϵ	ϕ	m_2
1994 03 19	22 47.14	-30 44.3	3.430	2.662	33.9	12.0	18.5
1994 03 29	23 06.87	-29 27.4	3.301	2.593	38.3	13.8	18.5
1994 04 08	23 26.89	-28 07.9	3.166	2.522	42.6	15.6	18.4
1994 04 18	23 47.23	-26 46.4	3.025	2.451	46.9	17.4	18.3
1994 04 28	00 07.88	-25 23.2	2.881	2.380	51.0	19.2	18.2
1994 05 08	00 28.91	-23 58.8	2.734	2.308	55.0	21.0	18.0
1994 05 18	00 50.34	-22 33.5	2.587	2.236	58.8	22.7	17.9
1994 05 28	01 12.17	-21 07.8	2.441	2.164	62.3	24.5	17.8
1994 06 07	01 34.46	-19 41.8	2.296	2.093	65.6	26.2	17.6
1994 06 17	01 57.21	-18 15.9	2.155	2.021	68.7	27.9	17.4
1994 06 27	02 20.40	-16 50.0	2.018	1.950	71.5	29.6	17.3
1994 07 07	02 44.06	-15 24.0	1.885	1.881	74.1	31.3	17.1
1994 07 17	03 08.13	-13 57.5	1.758	1.813	76.4	33.0	16.9
1994 07 27	03 32.56	-12 29.4	1.636	1.746	78.6	34.7	16.7
1994 08 06	03 57.33	-10 58.3	1.519	1.683	80.6	36.5	16.5
1994 08 16	04 22.34	-09 22.4	1.408	1.623	82.4	38.2	16.3
1994 08 26	04 47.55	-07 38.3	1.302	1.567	84.3	39.9	16.1
1994 09 05	05 12.92	-05 42.4	1.200	1.515	86.2	41.6	15.9
1994 09 15	05 38.40	-03 29.3	1.104	1.470	88.3	43.1	15.7
1994 09 25	06 04.00	-00 52.2	1.011	1.432	90.6	44.4	15.5
1994 10 05	06 29.75	+02 16.6	0.925	1.402	93.4	45.4	15.3
1994 10 15	06 55.62	+06 07.1	0.844	1.380	96.7	45.9	15.1

1994 10 25	07 21.67	+10 49.2	0.772	1.368	100.8	45.6	14.9
1994 11 04	07 47.80	+16 31.5	0.710	1.365	105.5	44.4	14.6
1994 11 14	08 13.76	+23 16.9	0.662	1.373	111.0	42.3	14.4
1994 11 24	08 39.15	+30 56.2	0.630	1.390	116.7	39.4	14.3
1994 12 04	09 03.11	+39 05.1	0.618	1.416	122.3	36.0	14.2
1994 12 14	09 24.30	+47 05.9	0.626	1.450	127.0	32.8	14.2
1994 12 24	09 40.96	+54 19.8	0.655	1.492	130.1	30.3	14.3
1995 01 03	09 50.87	+60 18.7	0.701	1.540	131.6	28.5	14.4
1995 01 13	09 52.22	+64 46.3	0.762	1.594	131.4	27.5	14.7
1995 01 23	09 45.07	+67 37.8	0.837	1.652	130.1	27.1	14.9
1995 02 02	09 32.32	+68 56.2	0.923	1.714	127.8	27.0	15.2
1995 02 12	09 19.26	+68 52.1	1.020	1.779	124.9	27.1	15.5
1995 02 22	09 10.38	+67 44.1	1.125	1.846	121.5	27.2	15.8
1995 03 04	09 07.27	+65 50.7	1.240	1.915	117.8	27.2	16.1
1995 03 14	09 09.59	+63 27.5	1.364	1.986	113.8	27.3	16.4
1995 03 24	09 16.04	+60 46.3	1.496	2.057	109.6	27.2	16.7
1995 04 03	09 25.34	+57 54.5	1.635	2.128	105.2	27.0	16.9
1995 04 13	09 36.56	+54 57.5	1.782	2.200	100.7	26.6	17.2
1995 04 23	09 48.95	+51 58.9	1.935	2.272	96.0	26.1	17.4
1995 05 03	10 02.07	+49 00.8	2.094	2.344	91.3	25.5	17.6
1995 05 13	10 15.60	+46 05.1	2.257	2.416	86.5	24.7	17.8
1995 05 23	10 29.31	+43 12.9	2.423	2.487	81.7	23.8	18.0
1995 06 02	10 43.09	+40 24.8	2.591	2.557	76.8	22.7	18.2
1995 06 12	10 56.85	+37 41.4	2.760	2.627	71.9	21.5	18.4
1995 06 22	11 10.54	+35 03.2	2.928	2.697	66.9	20.3	18.5
1995 07 02	11 24.12	+32 30.2	3.094	2.765	61.9	18.9	18.6
1995 07 12	11 37.59	+30 02.9	3.256	2.833	56.9	17.5	18.7
1995 07 22	11 50.92	+27 41.2	3.414	2.900	51.9	16.0	18.8
1995 08 01	12 04.13	+25 25.4	3.565	2.966	46.9	14.5	18.9
1995 08 11	12 17.20	+23 15.7	3.708	3.032	42.0	12.9	19.0
1995 08 21	12 30.13	+21 12.2	3.841	3.096	37.2	11.4	19.1
1995 08 31	12 42.92	+19 15.1	3.964	3.160	32.5	9.9	19.1

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	MPC
4250 T-3	94 01 26.0	08 33.47	+16 58.8	18.1	-1.03	+ 5.2	0.7/26.5	16884
1986 QS ₃	94 01 26.1	08 33.60	+14 33.0	17.5	-0.82	+ 5.8	1.2/27.1	21970
1986 RD ₅	94 01 26.3	08 34.70	+22 21.1	17.1	-0.88	+ 2.5	1.0/25.7	23132
1985 UQ	94 01 26.5	08 35.41	+22 59.5	18.1	-1.08	+ 5.0	1.5/25.7	23132
1981 EJ ₂₃	94 01 26.7	08 36.15	+23 09.8	17.3	-1.01	+ 2.3	1.7/25.9	22430
1981 EM ₃₀	94 01 27.0	08 37.20	+17 47.0	17.8	-0.95	+ 4.4	0.3/27.2	23132
1994 AZ ₂	94 01 27.0	08 37.41	+12 09.4	15.1	-1.06	- 3.3	2.9/27.9	23128
1983 AB	94 01 27.1	08 37.61	+22 31.1	15.7	-1.02	+ 5.8	1.8/26.2	23132
1986 TZ ₁	94 01 27.3	08 38.47	+24 27.6	16.1	-1.19	+ 6.2	2.5/26.1	22493
(5807)	94 01 27.7	08 40.50	+18 12.5	17.3	-0.83	+ 3.6	0.0/27.8	22939
1936 NB	94 01 27.8	08 40.54	+13 30.9	15.8	-0.88	+ 0.2	1.2/28.7	22967
1981 EA ₇	94 01 27.8	08 40.57	+12 36.4	18.1	-1.14	+ 2.6	2.2/28.9	21966
1982 PC	94 01 27.9	08 41.16	+14 56.2	18.0	-1.08	+ 5.3	1.2/28.7	22075
1981 EO ₁₅	94 01 28.0	08 41.42	+07 11.8	16.7	-0.90	+ 3.4	3.9/30.3	22074
1982 SA ₄	94 01 28.0	08 41.71	+26 26.4	17.0	-1.17	+ 3.9	2.9/26.4	22075
1979 PA	94 01 28.1	08 41.76	+00 18.9	18.7	-0.91	+ 2.7	5.3/31.7	21965
1989 XO	94 01 28.1	08 41.98	+14 01.1	15.0	-1.10	+ 1.0	1.8/28.9	23133

(5817)	94 01 28.2	08 42.68	+46 27.6	14.4	-1.94	-15.1	14.8/29.1	22941	(5540)	94 02 03.5	09 08.17	+09 34.3	18.6	-0.92	+ 4.2	2.0/05.2	22038
1992 UV	94 01 28.3	08 42.74	+06 35.6	16.1	-0.84	+ 2.8	3.5/30.8	22085	1985 RL ₃	94 02 03.6	09 08.39	+26 21.1	16.4	-1.12	+ 6.9	3.9/01.1	22968
1992 OY ₂	94 01 28.4	08 43.03	+17 24.7	17.9	-1.01	+ 5.6	0.3/28.6	21977	1992 UT ₅	94 02 03.7	09 08.87	+14 05.5	15.5	-0.87	+ 4.0	0.7/04.3	23134
1992 SX ₁₇	94 01 28.4	08 43.17	+39 15.8	15.9	-1.17	- 1.4	6.7/25.0	21270	1992 UB ₁	94 02 03.7	09 09.09	+05 57.8	16.5	-1.02	+ 3.4	3.8/06.1	22085
1991 NE ₁	94 01 28.5	08 43.44	+17 25.0	16.6	-0.88	+ 1.1	0.2/28.7	22231	(5677)	94 02 04.0	09 10.02	+14 07.1	16.0	-0.88	+ 4.2	0.7/04.5	22581
1981 EL ₁₀	94 01 28.5	08 43.57	+17 16.0	18.5	-0.95	+ 2.3	0.3/28.7	22968	(5419)	94 02 04.0	09 10.10	+14 04.4	16.9	-0.83	+ 2.6	0.6/04.6	21546
1992 SV ₁₂	94 01 28.7	08 44.28	+28 38.8	17.3	-1.21	+ 2.9	3.8/26.7	21118	3060 T-2	94 02 04.0	09 10.19	+21 34.0	16.5	-0.98	+ 5.2	2.4/02.8	21978
1976 SG ₂	94 01 28.8	08 44.81	+08 49.0	15.8	-1.04	+ 6.4	4.2/31.0	23131	1992 VC	94 02 04.0	09 10.39	+36 58.9	16.9	-1.09	+ 4.4	6.2/29.8	23125
2319 T-2	94 01 29.0	08 45.50	+14 05.9	18.0	-1.12	+ 4.5	1.5/29.8	23135	1988 RO ₁₀	94 02 04.1	09 10.58	+04 13.9	20.5	-0.49	+ 4.3	2.1/07.5	15891
1988 TN ₂	94 01 29.0	08 45.59	-04 07.5	17.2	-0.89	+ 5.4	7.1/03.5	22969	1989 SL	94 02 04.1	09 10.68	+04 58.0	16.6	-1.07	+ 4.0	4.5/06.7	23133
1994 AG ₃	94 01 29.1	08 45.96	+10 32.8	15.7	-1.03	+ 0.6	2.5/30.4	23129	1988 SW ₁	94 02 04.1	09 10.71	+37 40.0	19.3	-0.64	+ 1.9	3.7/29.4	21972
(5843)	94 01 29.3	08 47.09	+17 45.2	16.2	-1.11	+ 5.8	0.1/29.4	23117	9535 P-L	94 02 04.2	09 10.79	+10 53.3	18.4	-0.87	+ 5.7	1.8/05.6	22087
1991 PE	94 01 29.5	08 47.56	+18 23.7	17.8	-0.79	+ 3.6	0.1/29.4	22970	1991 NU	94 02 04.4	09 11.60	-06 25.5	16.3	-0.90	+ 3.1	7.3/09.8	22083
1981 ET ₁₅	94 01 29.5	08 47.69	+35 52.9	17.4	-1.20	- 0.7	6.3/26.4	22948	1982 RW	94 02 04.5	09 12.23	+16 52.5	17.5	-1.11	+ 4.2	0.3/04.4	23132
5175 T-3	94 01 29.6	08 48.04	+27 16.9	16.7	-0.96	+11.0	4.2/26.9	22702	1980 RP	94 02 04.6	09 12.84	+25 33.5	17.8	-0.91	+ 1.0	2.4/02.6	22823
1986 TL	94 01 29.6	08 48.13	+16 10.5	16.6	-0.84	+ 1.7	0.4/30.0	21970	1984 HM ₁	94 02 05.0	09 14.19	+20 41.6	16.0	-1.09	+ 4.3	2.1/04.0	23122
(5668)	94 01 29.8	08 49.11	+29 13.5	16.1	-1.19	+ 3.3	5.1/27.5	22579	1991 QE	94 02 05.1	09 14.85	+47 42.4	17.6	-1.14	+ 1.2	7.8/28.3	22084
1981 QE	94 01 29.8	08 49.15	+16 00.8	17.2	-1.06	+ 4.4	0.7/30.3	23132	1992 SQ ₂₃	94 02 05.4	09 15.95	+03 53.3	19.3	-0.98	+ 4.7	3.7/08.4	21798
1953 GH	94 01 29.9	08 49.25	+05 50.1	16.1	-0.79	+ 4.6	3.5/01.7	22822	(5404)	94 02 05.5	09 16.02	+31 19.7	15.5	-1.26	+ 2.3	6.1/02.2	21248
1989 EQ	94 01 29.9	08 49.28	+18 57.0	15.3	-0.96	+ 0.4	0.4/29.7	22431	1991 LC ₁	94 02 05.5	09 16.33	+00 28.9	16.9	-0.95	+ 4.7	5.2/09.3	21975
(5813)	94 01 30.0	08 49.96	+02 34.4	16.7	-0.89	+ 5.2	4.9/02.7	22940	1987 BC ₂	94 02 05.6	09 16.83	+10 58.1	16.6	-1.11	+ 3.8	2.0/06.8	22078
1977 EX	94 01 30.1	08 49.98	+15 44.3	15.2	-1.10	- 1.5	0.8/30.4	23120	1988 VR ₅	94 02 05.7	09 17.07	-05 51.1	17.7	-0.89	+ 4.3	7.0/11.4	22080
1978 VB ₆	94 01 30.1	08 49.99	-18 50.7	18.0	-1.09	- 1.4	12.9/05.2	22270	1991 PO ₂	94 02 05.9	09 17.61	+18 36.0	17.5	-0.83	+ 4.1	0.9/05.2	23134
1977 FN	94 01 30.4	08 51.54	+03 30.9	16.9	-0.96	+ 0.8	4.7/02.1	19012	1988 RR ₁₀	94 02 06.1	09 18.40	+06 06.1	20.6	-0.49	+ 3.8	1.7/08.8	15560
1988 QY	94 01 30.9	08 53.54	-19 35.5	18.0	-0.52	+ 1.4	6.0/09.9	20814	1992 UM ₃	94 02 06.2	09 18.97	+01 20.8	15.6	-0.82	+ 3.0	4.7/09.7	22957
1991 FT	94 01 30.9	08 53.55	+27 49.0	17.0	-1.18	+ 2.8	3.8/28.9	23134	(5385)	94 02 06.2	09 18.99	+29 37.3	17.6	-0.87	+ 3.3	3.5/02.7	21241
1991 NA ₂	94 01 31.0	08 53.70	+18 02.8	17.0	-0.93	+ 7.0	0.2/30.9	21976	1992 TY	94 02 06.2	09 19.11	+16 08.4	16.7	-1.06	+ 6.8	0.2/06.1	22971
6783 P-L	94 01 31.1	08 54.17	+25 50.9	19.4	-1.00	+ 3.2	2.8/29.3	21600	1989 TY ₁₀	94 02 06.2	09 19.13	+08 10.6	17.8	-1.05	+ 6.2	2.9/08.1	17444
6519 P-L	94 01 31.1	08 54.29	+23 12.6	16.2	-0.90	+ 3.2	2.2/29.9	22274	1992 ON	94 02 06.3	09 19.36	+40 08.1	19.4	-2.03	- 4.4	10.5/02.6	21267
1974 OE	94 01 31.2	08 54.75	+28 26.5	17.4	-1.18	+ 3.2	4.1/28.9	21963	(5414)	94 02 06.4	09 19.75	+18 36.0	16.8	-0.88	+ 3.8	0.9/05.7	21544
1989 WR	94 01 31.2	08 54.87	+28 43.5	17.3	-1.21	+ 3.5	4.2/29.0	15723	1992 UP ₆	94 02 06.5	09 20.10	-03 16.7	17.3	-0.79	+ 4.1	5.4/11.6	22085
1978 UR ₄	94 01 31.5	08 55.88	+17 24.3	16.5	-1.06	+ 2.4	0.0/31.5	23121	1988 RN ₁₀	94 02 06.5	09 20.23	+09 57.2	19.6	-0.50	+ 4.2	1.0/08.1	15891
(5476)	94 01 31.6	08 56.31	+01 45.0	17.6	-0.50	+ 2.5	2.7/04.5	21774	1056 T-2	94 02 06.5	09 20.33	+19 15.4	19.0	-0.93	+ 3.3	1.2/05.7	23131
1989 SB ₃	94 01 31.6	08 56.42	+17 04.1	18.1	-1.09	+ 6.4	0.1/31.7	23133	1070 T-2	94 02 06.5	09 20.49	+08 02.5	18.8	-0.96	+ 5.9	2.7/08.5	22274
1989 TU ₅	94 01 31.6	08 56.55	+18 16.2	17.4	-0.54	+ 2.4	0.2/31.5	23133	1981 EH ₂₀	94 02 06.6	09 20.41	+12 43.0	19.2	-0.91	+ 4.8	0.9/07.3	21967
1994 AB ₃	94 02 01.1	08 58.17	+21 34.7	15.4	-1.05	+ 9.4	1.9/30.9	23129	1982 RO ₁	94 02 06.6	09 20.42	+10 33.1	16.9	-1.07	+ 4.9	2.0/07.8	20630
1985 QL ₄	94 02 01.2	08 58.81	+19 40.7	16.8	-0.79	+ 4.7	0.7/31.6	21970	4631 P-L	94 02 06.6	09 20.60	+26 54.0	16.8	-1.17	+ 2.8	4.7/04.1	21120
1991 JL	94 02 01.3	08 58.98	+08 29.7	16.9	-1.04	+ 5.6	3.6/03.2	18442	1992 UY ₅	94 02 06.6	09 20.66	+07 22.2	16.7	-0.78	+ 6.2	2.4/08.9	21276
1981 EA ₂₉	94 02 01.4	08 59.47	+05 01.4	18.2	-0.89	+ 5.5	4.2/04.4	22697	1994 CA	94 02 06.7	09 20.88	+29 47.7	15.8	-1.89	- 8.3	7.0/05.4	23129
1152 T-2	94 02 01.4	08 59.56	+23 59.9	18.4	-1.08	+ 3.7	2.3/30.9	21808	(5638)	94 02 06.7	09 21.08	+11 18.7	16.8	-0.50	+ 3.4	0.7/07.9	22477
1992 QA	94 02 02.3	09 03.16	+68 29.5	17.5	-2.43	+ 5.9	23.4/16.0	22600	1981 ET	94 02 06.9	09 21.67	+25 15.4	17.4	-0.96	+ 2.7	2.7/04.6	21966
3104 T-3	94 02 02.6	09 04.28	-03 50.6	17.6	-0.49	+ 2.9	3.5/08.1	22601	1975 SF ₁	94 02 06.9	09 21.83	+28 33.6	17.0	-1.05	+ 3.7	4.3/03.7	18281
1988 VH	94 02 02.7	09 04.84	-01 44.9	17.3	-0.92	+ 2.7	5.8/06.9	22080	1987 RT ₃	94 02 06.9	09 21.91	+15 33.8	16.0	-0.99	+ 1.0	0.1/06.9	23132
9512 P-L	94 02 02.7	09 04.88	+16 57.6	16.0	-1.10	+ 6.0	0.1/02.7	23135	1988 RH ₁₁	94 02 06.9	09 21.99	+13 41.0	20.6	-0.50	+ 2.4	0.3/07.5	15713
1991 GE ₂	94 02 02.7	09 04.89	+28 20.0	16.9	-1.05	+ 8.0	3.8/30.6	21793	1975 LR	94 02 07.0	09 22.36	+29 45.6	16.2	-0.88	+ 5.0	4.1/03.2	21963
1989 CE ₂	94 02 02.7	09 05.15	+22 33.1	15.0	-1.85	- 9.0	3.0/02.4	23133	1992 SD ₁	94 02 07.0	09 22.43	+31 14.6	17.0	-1.07	+ 4.2	5.3/03.1	22971
1981 EM ₄₅	94 02 02.9	09 05.83	+21 59.1	19.6	-1.02	+ 1.3	1.7/01.9	23121	5191 T-3	94 02 07.2	09 23.09	+14 34.1	17.9	-0.48	+ 3.3	0.1/07.5	22432
1978 UJ ₄	94 02 03.1	09 06.44	+08 59.4	19.5	-1.05	+ 4.4	2.7/05.0	20921	1991 OL ₁	94 02 07.2	09 23.17	+16 59.4	17.5	-0.78	+ 4.1	0.4/06.8	22273
1977 XZ ₂	94 02 03.1	09 06.68	+17 31.8	16.8	-0.86	+ 3.5	0.3/03.0	21783	1985 RZ ₁	94 02 07.5	09 24.27	+20 11.6	17.1	-1.11	+ 4.3	1.9/06.4	22271
1981 EE ₁₁	94 02 03.2	09 07.21	+17 03.8	18.9	-1.13	+ 3.7	0.2/03.2	22270	1994 BF	94 02 07.5	09 24.47	+14 49.0	15.2	-0.94	+10.3	0.2/07.7	23129
1981 EV ₄₁	94 02 03.5	09 08.11	+17 27.5	18.2	-0.96	+ 3.1	0.4/03.3	22430	(5439)	94 02 07.6	09 24.70	+16 09.7	17.8	-0.64	+ 2.9	0.2/07.4	21554

1977 RR ₆	94 02 07.7	09 25.22	+20 01.7	17.4	-1.07	+ 3.4	1.7/06.7	22073	1982 UF ₂	94 02 11.6	09 40.64	+04 21.1	17.1	-1.01	+ 5.6	3.7/14.2	22075
1987 WU ₂	94 02 07.7	09 25.25	+12 04.3	17.5	-0.92	+ 2.3	0.9/08.5	22272	1992 UZ ₃	94 02 11.8	09 41.28	+16 30.6	17.7	-0.84	+ 3.8	0.7/11.2	21275
1986 RX ₂	94 02 07.9	09 25.72	+16 07.9	17.8	-0.81	+ 3.5	0.3/07.7	23132	1991 SK	94 02 11.8	09 41.33	+22 08.3	16.8	-0.83	+ 2.9	2.2/09.7	21266
1992 SW ₁₇	94 02 07.9	09 25.79	+00 32.4	16.0	-0.95	+ 1.3	4.6/11.2	23124	1986 EJ ₁	94 02 11.9	09 41.57	+34 53.2	16.8	-1.21	+ 1.3	7.3/06.7	22077
1992 TD ₁	94 02 07.9	09 26.03	-04 28.1	17.4	-0.87	+ 6.2	6.2/13.5	22600	4035 T-3	94 02 11.9	09 41.86	+36 14.7	19.2	-0.63	+ 1.8	3.9/05.3	22088
1983 CO ₃	94 02 08.3	09 27.38	-00 17.1	16.6	-0.92	- 0.8	5.6/11.5	15708	3108 T-3	94 02 12.0	09 41.92	+15 56.0	18.6	-0.51	+ 2.5	0.4/11.4	22414
1981 ET ₂₃	94 02 08.3	09 27.45	+23 07.7	18.5	-1.19	+ 3.4	3.1/06.5	15703	1992 UO ₃	94 02 12.0	09 42.24	+32 11.5	17.2	-1.07	+ 3.2	5.6/07.3	22273
1985 PQ	94 02 08.3	09 27.61	+12 54.9	17.0	-1.06	+ 7.1	0.8/08.9	18426	(5523)	94 02 12.3	09 43.20	+18 06.4	16.0	-0.87	+ 5.0	1.4/11.1	21921
1991 GZ	94 02 08.4	09 27.65	+07 35.7	16.7	-1.03	+ 4.8	3.0/10.0	22083	1991 HH	94 02 12.6	09 44.35	+05 41.5	17.2	-0.99	+ 4.9	2.7/14.7	21975
1982 UD ₂	94 02 08.4	09 27.69	+18 57.3	16.8	-0.87	+ 4.0	1.2/07.4	22968	1989 SN ₅	94 02 12.6	09 44.41	+07 30.2	17.3	-1.04	+ 6.6	2.7/15.0	21973
1991 RC ₇	94 02 08.4	09 27.77	+11 29.6	17.9	-0.82	+ 2.4	0.9/09.3	19314	1992 WP ₃	94 02 12.7	09 45.01	+03 13.3	16.9	-0.83	+ 2.5	3.0/15.4	21945
1988 SC	94 02 08.4	09 27.82	+31 25.8	16.6	-1.22	- 0.6	6.6/05.2	23122	1992 UZ	94 02 12.8	09 45.00	+33 34.1	17.3	-1.03	+ 4.4	5.6/07.3	23124
6074 P-L	94 02 08.5	09 28.07	+15 23.4	19.4	-1.11	+ 5.0	0.2/08.4	21121	1989 UO ₁	94 02 12.8	09 45.05	+08 15.5	17.5	-1.04	+ 6.3	1.9/14.2	23133
1992 UK ₅	94 02 08.6	09 28.55	+23 05.4	17.5	-1.07	+ 5.0	2.6/06.6	21592	1990 FR	94 02 12.8	09 45.34	+27 28.7	14.2	-0.70	+15.8	6.4/07.4	23133
1985 UJ ₃	94 02 08.6	09 28.75	+15 57.3	18.2	-1.03	+ 5.2	0.3/08.4	22077	1981 EU ₃₇	94 02 13.0	09 46.25	+06 38.2	19.9	-0.91	+ 3.8	2.5/15.0	22430
1978 VU ₇	94 02 08.6	09 28.79	+15 22.3	16.3	-0.89	+ 3.9	0.2/08.6	23131	4232 T-1	94 02 13.3	09 47.04	+25 03.6	16.9	-1.00	+ 1.8	4.7/10.4	22087
1987 QM	94 02 08.7	09 28.89	+22 15.2	17.8	-1.01	+ 1.1	2.0/07.1	21971	1991 NG ₁	94 02 13.3	09 47.38	+09 14.3	17.1	-0.85	+ 2.3	1.2/14.4	22273
1989 CD ₈	94 02 08.8	09 29.30	+02 24.5	16.3	-0.84	+ 2.6	3.8/11.9	23123	1981 SL	94 02 13.3	09 47.40	+04 53.3	18.6	-0.94	+ 6.1	2.6/15.7	21968
1983 RT ₄	94 02 08.9	09 30.00	+01 25.6	17.8	-0.86	+ 5.5	4.1/12.6	21969	1989 XD ₁	94 02 13.6	09 48.19	+12 27.3	18.0	-1.02	+ 7.5	0.3/13.8	16031
1986 PS ₄	94 02 09.0	09 30.22	+14 12.0	17.4	-0.89	+ 2.0	0.2/09.2	23132	1992 WO ₄	94 02 13.6	09 48.28	+25 02.7	17.4	-0.89	+ 4.9	3.2/10.3	22085
1988 SK ₂	94 02 09.1	09 30.41	+14 05.5	18.8	-0.52	+ 2.7	0.1/09.3	23133	1978 SQ ₄	94 02 13.6	09 48.52	+17 21.5	17.4	-1.12	+ 3.7	1.6/12.7	22050
(5802)	94 02 09.1	09 30.49	+19 15.5	14.9	-1.03	+ 3.8	2.2/08.0	22937	1992 RV ₁	94 02 13.7	09 48.59	+12 11.2	16.0	-0.98	+ 2.3	0.5/14.0	21585
1982 FN	94 02 09.1	09 30.55	-12 42.2	17.1	-0.82	+12.7	10.5/18.7	21968	1981 EC ₂₇	94 02 13.8	09 49.01	+13 50.2	17.7	-0.89	+ 5.1	0.2/13.6	22074
1994 BH	94 02 09.2	09 31.16	+19 05.4	15.5	-0.83	+ 8.9	1.9/08.0	23129	1988 SY ₁	94 02 13.9	09 49.63	+26 02.7	17.3	-1.08	+ 4.9	4.7/10.5	20502
1981 ED ₂₈	94 02 09.3	09 31.59	+13 39.2	18.6	-0.88	+ 5.1	0.3/09.7	22598	1992 QC	94 02 14.1	09 50.41	+46 17.2	19.3	-1.39	+ 1.7	9.6/05.4	22237
1975 UF	94 02 09.5	09 32.24	+16 00.3	18.0	-0.80	+ 4.3	0.4/09.2	22072	(5432)	94 02 14.1	09 50.41	+17 08.7	16.7	-0.93	+ 5.5	1.4/13.0	21551
1978 PE	94 02 09.5	09 32.45	+15 38.3	18.0	-1.02	+ 6.7	0.4/09.3	21964	(5495)	94 02 14.2	09 50.89	+25 50.7	16.5	-0.80	+ 3.1	3.3/10.7	21909
1991 PE ₅	94 02 09.6	09 32.46	+12 41.2	16.3	-0.86	+ 4.1	0.6/10.1	22083	1991 NG	94 02 14.6	09 52.21	-05 31.7	15.8	-0.95	+ 1.8	5.8/19.2	23134
1989 AD ₃	94 02 09.7	09 32.77	+14 22.5	16.2	-0.88	+ 3.9	8.1/21.0	23123	1988 RT ₁₂	94 02 14.7	09 52.44	+06 34.6	20.1	-0.46	+ 2.8	1.0/16.6	21972
1981 EL ₂₁	94 02 09.8	09 33.36	+11 23.3	16.0	-0.88	+ 4.6	1.0/10.7	20810	1992 WA ₄	94 02 14.7	09 52.74	+21 54.5	17.4	-0.81	+ 4.4	2.5/12.2	22274
1975 VB ₁	94 02 09.8	09 33.45	+22 09.4	17.3	-0.81	+ 4.5	2.1/07.8	21250	(5613)	94 02 14.7	09 52.81	+14 46.5	16.7	-0.83	+ 4.0	0.6/14.3	22389
1984 SZ ₁	94 02 09.9	09 33.73	+13 25.6	16.7	-1.00	+ 3.6	0.4/10.2	22430	1988 PK	94 02 14.8	09 53.03	+10 53.3	18.5	-0.94	+ 6.1	0.6/15.4	22430
1980 FH ₂	94 02 09.9	09 33.73	+15 19.0	17.0	-1.07	+ 3.7	0.3/09.7	22074	1990 TV ₁₂	94 02 14.8	09 53.10	-17 54.5	18.1	-0.50	+ 1.8	4.9/24.6	19867
1988 MG	94 02 10.0	09 34.26	+11 00.2	17.3	-1.05	+ 4.5	1.2/10.9	22079	1971 SX ₃	94 02 14.8	09 53.14	-02 57.3	15.7	-0.81	+ 8.5	6.0/20.0	22696
1992 SF ₁₃	94 02 10.0	09 34.33	+09 16.6	16.1	-0.91	+ 5.6	2.0/11.5	22237	1991 NV ₃	94 02 14.9	09 53.48	+17 09.0	16.6	-0.86	+ 4.9	1.3/13.7	22826
1975 TQ ₃	94 02 10.1	09 34.40	+34 27.9	17.5	-1.08	+ 3.1	6.1/05.0	21963	(5391)	94 02 14.9	09 53.57	+13 34.4	16.6	-1.05	+ 4.8	0.3/14.8	21243
1992 UH ₄	94 02 10.1	09 34.75	+33 14.4	17.5	-1.00	+ 5.2	5.5/04.9	21590	1975 VV ₂	94 02 15.0	09 53.62	+36 46.9	18.5	-0.93	+ 2.8	6.0/08.1	21963
1992 PS ₆	94 02 10.1	09 34.83	+04 23.7	16.2	-1.01	+ 4.3	4.1/12.7	21585	(5449)	94 02 15.0	09 53.69	+13 10.8	16.4	-0.89	+ 2.0	0.1/14.9	21557
1991 OH ₁	94 02 10.2	09 35.06	+17 11.0	17.4	-0.85	+ 4.9	0.8/09.5	21265	2251 T-1	94 02 15.1	09 54.04	+17 31.6	18.0	-0.91	+ 3.8	1.7/13.8	22087
1974 SF	94 02 10.3	09 35.56	+08 31.6	18.6	-0.99	+ 6.2	2.0/11.9	22072	1991 JY ₁	94 02 15.2	09 54.61	-20 02.4	16.7	-0.86	+ 5.4	9.2/25.8	20639
1989 XB	94 02 10.5	09 36.09	+15 41.3	15.8	-0.95	+ 9.5	0.6/10.1	23133	2035 T-3	94 02 15.3	09 55.05	+14 23.0	19.4	-0.51	+ 2.1	0.3/14.9	22432
1989 TW	94 02 10.5	09 36.25	+09 15.6	17.5	-1.10	+ 3.9	1.9/11.8	23123	1978 QA ₂	94 02 15.3	09 55.10	+08 42.2	18.7	-0.99	+ 6.2	1.3/16.5	21964
1992 UE ₃	94 02 10.7	09 37.00	+18 13.0	16.7	-0.88	+ 4.9	1.3/09.7	21273	1989 GB ₁	94 02 15.4	09 55.34	+04 05.0	16.1	-0.77	+ 4.5	2.7/17.9	21973
1990 FD ₁	94 02 10.9	09 37.67	+28 33.5	15.2	-0.91	+ 9.8	5.4/06.3	22970	1975 SK	94 02 15.4	09 55.39	+16 12.8	17.0	-0.81	+ 4.3	1.0/14.4	21963
1978 VD ₇	94 02 10.9	09 37.92	+18 47.1	18.1	-0.89	+ 4.7	1.5/09.7	22967	1991 NQ	94 02 15.5	09 55.77	-12 17.5	16.2	-1.27	- 4.6	10.1/19.4	23134
1976 QN	94 02 10.9	09 38.00	+14 20.5	17.3	-1.11	+ 5.5	0.1/10.9	22270	(5386)	94 02 15.7	09 56.70	+25 53.5	16.4	-1.08	+ 7.7	4.9/11.8	21241
1978 SS ₇	94 02 11.0	09 38.08	+18 59.9	16.2	-1.12	+ 2.2	2.2/10.0	22073	1988 RG ₁	94 02 15.8	09 56.87	+06 13.2	17.7	-0.47	+ 4.7	1.0/17.9	21972
2480 T-3	94 02 11.0	09 38.40	+22 15.4	16.4	-1.15	+ 2.2	3.3/09.2	22432	1991 JD ₁	94 02 16.1	09 57.90	-03 16.1	15.9	-1.01	+ 3.5	5.9/20.0	23134
2651 P-L	94 02 11.2	09 38.94	+18 29.5	20.0	-1.01	+ 3.7	1.4/10.2	21977	1991 GR ₂	94 02 16.2	09 58.65	+15 15.9	17.6	-1.04	+ 5.0	1.0/15.5	21793
1977 RD	94 02 11.4	09 39.75	+38 11.0	19.0	-1.31	- 0.9	6.6/06.0	20139	1988 RA ₂	94 02 16.2	09 58.68	+10 39.4	17.5	-0.94	+ 5.8	0.5/16.8	22969
1992 WW ₅	94 02 11.6	09 40.47	+12 16.0	17.1	-0.85	+ 4.7	0.5/12.1	23134	1987 SG ₁	94 02 16.3	09 59.07	+03 37.5	18.4	-0.86	+ 7.2	2.6/19.0	22078

4667 P-L	94 02 16.4	09 59.42	+21 44.0	18.3	-0.92	+ 3.8	2.7/13.9	15904	1981 EK ₁₂	94 02 20.9	10 16.64	+01 07.7	17.9	-0.98	+ 6.7	4.1/23.8	22270
1988 SD	94 02 16.4	09 59.49	+18 44.7	17.2	-1.05	+ 4.2	2.2/14.8	22431	1989 RJ	94 02 21.0	10 17.04	+04 47.6	16.8	-1.02	+ 7.5	2.5/22.8	22272
1991 PQ ₁	94 02 16.5	09 59.48	+12 11.6	17.1	-0.82	+ 5.2	0.0/16.5	21976	1987 QF ₇	94 02 21.0	10 17.18	+00 41.6	17.7	-0.82	+ 5.0	2.8/24.1	22272
(5445)	94 02 16.5	09 59.65	+01 38.5	14.8	-0.97	+ 3.3	4.3/19.2	21556	1991 NL	94 02 21.2	10 17.62	-12 56.5	17.5	-0.92	+ 2.9	7.2/27.8	19309
1982 TB ₂	94 02 16.6	10 00.23	+04 24.3	16.1	-1.03	+ 4.5	3.2/18.7	21968	1988 RX ₄	94 02 21.2	10 17.93	+14 51.4	17.6	-0.95	+ 6.0	1.4/20.0	22969
1992 UZ ₂	94 02 16.7	10 00.27	+17 06.3	16.1	-0.86	+ 4.7	1.6/15.3	23125	1977 NK	94 02 21.3	10 18.05	+14 20.5	16.8	-0.97	+ 7.9	1.3/20.2	22073
1992 RG ₄	94 02 16.7	10 00.49	+08 52.2	19.5	-0.95	+ 7.5	1.1/17.7	21586	1989 UF	94 02 21.3	10 18.24	+01 30.9	17.2	-0.99	+ 7.8	3.6/24.1	22081
1981 EM ₁₃	94 02 16.7	10 00.53	+02 02.8	18.1	-0.99	+ 5.3	4.6/19.5	22270	(5648)	94 02 21.5	10 19.05	+38 16.2	17.0	-0.57	+ 2.6	4.1/11.9	23116
7606 P-L	94 02 16.8	10 01.00	+16 31.5	20.7	-1.00	+ 5.7	1.4/15.7	16242	1991 NY	94 02 21.5	10 19.09	+05 08.9	18.0	-0.87	+ 5.7	1.5/23.2	21975
1983 RC ₄	94 02 16.9	10 00.99	+11 50.6	18.9	-0.88	+ 6.6	0.1/17.0	23132	1988 VS ₂	94 02 21.6	10 19.48	-06 46.8	17.3	-0.84	+ 6.5	5.2/27.2	21260
1988 RG ₁₀	94 02 16.9	10 01.36	+13 16.2	18.4	-0.52	+ 2.4	0.2/16.6	21972	1980 PZ	94 02 21.7	10 19.57	+07 21.3	17.3	-1.02	+ 2.7	1.0/22.5	21561
1981 EW ₉	94 02 17.0	10 01.60	+11 01.1	18.0	-1.10	+ 4.0	0.4/17.3	22397	1979 FD ₂	94 02 21.7	10 19.74	+11 24.2	15.4	-0.88	+ 7.1	0.4/21.5	22967
1991 JA	94 02 17.1	10 01.84	+26 49.4	16.6	-1.10	+ 5.5	6.0/12.9	23134	1981 EZ ₁₈	94 02 21.7	10 19.88	+08 21.4	17.2	-0.88	+ 4.7	0.7/22.4	19858
1992 OF	94 02 17.1	10 02.18	+17 39.3	19.0	-0.97	+ 5.2	1.7/15.6	22971	1991 NM ₆	94 02 21.8	10 20.28	+11 03.3	16.1	-0.83	+ 6.6	0.2/21.7	20023
1990 FS ₁	94 02 17.2	10 02.56	+21 04.2	15.5	-0.84	+10.9	3.4/14.2	22082	1981 EW ₃₃	94 02 21.8	10 20.29	+06 04.4	19.6	-0.86	+ 4.8	1.3/23.1	11046
1989 AL ₇	94 02 17.3	10 02.99	+11 49.7	16.9	-0.82	+ 5.1	0.0/17.4	22226	1988 RL ₁₃	94 02 21.9	10 20.29	+30 51.6	20.0	-0.55	+ 2.5	3.3/15.1	21972
3034 P-L	94 02 17.5	10 03.63	-02 13.6	17.9	-0.77	+ 4.1	3.9/21.7	22086	1992 SN	94 02 21.9	10 20.51	+06 21.1	16.6	-0.93	+ 3.7	1.3/23.1	21115
1982 VY ₂	94 02 17.6	10 03.77	+13 59.1	16.7	-0.82	+ 5.4	0.7/17.0	22075	1988 UA	94 02 21.9	10 20.64	+08 36.8	17.9	-0.93	+ 5.3	0.5/22.5	22080
1949 QL	94 02 17.6	10 03.81	+13 19.5	16.5	-1.13	+ 3.6	0.5/17.3	23131	1983 AN ₂	94 02 22.0	10 20.67	+26 21.7	16.1	-0.84	+ 4.8	4.4/17.0	22271
1979 QK ₆	94 02 17.7	10 04.09	+15 06.4	17.8	-1.05	+ 7.0	1.1/16.8	22967	1981 EB ₃₇	94 02 22.0	10 20.74	+16 29.0	18.2	-0.98	+ 2.7	2.1/20.4	22430
1983 NR	94 02 17.7	10 04.10	+04 08.6	16.4	-1.04	+ 0.8	2.6/19.5	22076	1949 QC ₁	94 02 22.1	10 21.07	+09 58.4	17.4	-1.10	+ 3.8	0.1/22.2	22072
1981 EA ₂₆	94 02 17.8	10 04.70	+08 12.0	17.3	-0.85	+ 5.1	1.5/18.9	21967	1988 SP ₂	94 02 22.1	10 21.35	+05 50.1	20.6	-0.45	+ 3.6	0.7/23.6	15560
1981 VU	94 02 17.9	10 04.89	+09 01.8	17.4	-0.98	+ 6.0	1.0/18.7	22430	(5447)	94 02 22.2	10 21.57	+13 32.6	15.7	-0.93	+ 1.7	1.1/21.4	21557
1981 ER ₂₄	94 02 18.0	10 05.43	+09 03.3	18.7	-1.03	+ 6.1	1.1/18.8	22697	(5593)	94 02 22.2	10 21.80	+07 34.7	15.3	-0.89	+ 9.1	1.2/23.1	22213
1989 EC	94 02 18.1	10 05.68	+25 08.3	14.4	-2.05	-11.8	7.2/17.1	23133	1992 WC ₈	94 02 22.3	10 21.86	+14 18.5	16.3	-0.83	+ 5.5	1.3/21.1	22274
(5443)	94 02 18.1	10 05.87	+08 24.5	15.0	-1.11	- 0.3	1.4/18.9	21555	1981 EY ₁₈	94 02 22.3	10 22.04	+06 39.2	17.2	-1.05	+ 5.3	1.5/23.3	21561
1978 SP ₅	94 02 18.1	10 06.08	+07 54.9	17.2	-0.84	+ 5.6	1.2/19.3	22696	1992 VD	94 02 22.6	10 23.15	+15 38.4	17.0	-0.90	+ 5.3	1.8/21.0	21593
1992 SG ₁	94 02 18.3	10 06.77	+06 29.1	17.1	-0.85	+ 9.6	1.7/20.0	21116	1990 XZ	94 02 22.6	10 23.29	+55 36.7	16.4	-1.83	- 0.4	19.5/07.8	18635
1978 SA ₇	94 02 18.5	10 07.43	+15 21.7	17.2	-0.94	+ 3.1	1.2/17.6	22073	1992 WC ₂	94 02 22.7	10 23.41	+10 37.5	17.6	-0.78	+ 4.5	0.2/22.6	22238
1976 QC ₁	94 02 18.7	10 08.35	+11 38.3	17.7	-1.09	+ 5.3	0.1/18.7	23131	1988 RP ₁₂	94 02 22.7	10 23.54	+09 41.8	19.5	-0.50	+ 3.4	0.1/22.9	15714
1978 UL ₆	94 02 18.8	10 08.42	+08 24.5	19.1	-1.01	+ 5.7	1.1/19.7	21560	1989 TS ₂	94 02 22.7	10 23.59	+11 05.2	18.3	-0.47	+ 3.9	0.2/22.4	16236
1989 YR	94 02 19.0	10 09.20	+15 02.1	16.1	-0.95	+ 6.9	1.6/18.0	23133	1988 PM ₁	94 02 22.8	10 23.65	+09 11.3	18.0	-0.94	+ 6.1	0.3/23.0	20501
1107 T-2	94 02 19.0	10 09.25	+08 38.0	18.9	-0.85	+ 4.4	0.8/19.8	21978	3201 T-2	94 02 22.8	10 23.84	+12 36.5	17.6	-0.83	+ 5.9	0.8/22.0	22088
1982 UF ₇	94 02 19.0	10 09.36	-00 00.8	17.1	-0.78	+ 5.0	3.2/22.5	21564	3063 P-L	94 02 22.8	10 23.92	+02 37.8	17.2	-0.75	+ 3.0	2.0/25.0	20648
1992 WL	94 02 19.0	10 09.40	+28 30.5	16.0	-0.91	+ 3.4	5.4/14.1	23125	1987 MK	94 02 23.1	10 25.05	+08 37.2	17.2	-0.95	+ 2.2	0.4/23.5	22078
1992 UC ₄	94 02 19.2	10 10.00	+14 22.2	16.1	-0.79	+ 5.6	1.0/18.3	21590	(5420)	94 02 23.1	10 25.14	+22 02.7	17.6	-0.88	+ 5.4	3.4/19.4	21547
(5423)	94 02 19.3	10 10.59	+12 04.7	15.4	-1.00	+ 3.4	0.4/19.2	21548	1982 UE	94 02 23.1	10 25.18	+16 51.5	16.8	-1.05	+ 6.3	2.5/21.2	22075
1988 RY ₁₀	94 02 19.4	10 10.91	+13 01.1	19.1	-0.49	+ 2.9	0.3/18.9	21972	1989 UA ₃	94 02 23.2	10 25.18	+07 16.5	18.4	-1.01	+ 6.8	1.0/24.0	20818
1975 TR ₂	94 02 19.5	10 11.31	+13 04.6	17.2	-0.76	+ 5.1	0.5/19.0	21963	1991 RQ ₁₄	94 02 23.2	10 25.37	+12 43.0	18.7	-0.74	+ 4.2	0.7/22.4	21578
(5397)	94 02 19.6	10 11.71	-06 41.5	17.2	-0.87	+ 5.9	5.5/25.1	21245	(5511)	94 02 23.2	10 25.42	+05 29.8	16.7	-0.47	+ 3.7	0.7/24.7	21916
1983 RM ₂	94 02 19.7	10 11.83	+15 48.8	18.3	-0.89	+ 5.4	1.3/18.3	22271	1989 UU ₃	94 02 23.3	10 25.95	+06 17.4	17.6	-1.00	+ 7.2	1.4/24.4	18632
1988 RD ₁₂	94 02 19.7	10 12.21	+11 57.1	19.0	-0.50	+ 2.4	0.1/19.5	15560	1979 QX ₃	94 02 23.4	10 26.10	+07 25.6	16.7	-0.78	+ 2.6	0.6/24.1	21965
1985 UF ₅	94 02 19.8	10 12.33	+04 51.4	16.6	-0.95	+ 6.9	2.5/21.7	22077	1991 NT ₂	94 02 23.4	10 26.12	-05 13.5	16.1	-0.96	+ 2.1	4.9/27.4	22273
1988 SG ₃	94 02 20.1	10 13.68	+33 46.9	19.9	-0.56	+ 3.1	3.6/12.4	15892	1980 FY ₄	94 02 23.6	10 26.91	+05 12.2	18.2	-0.94	+ 7.0	1.5/25.0	22074
1992 PT ₂	94 02 20.1	10 13.76	+03 58.9	17.3	-1.00	+ 5.8	2.6/22.2	22495	1981 ET ₁₀	94 02 23.6	10 26.92	+10 30.9	17.4	-0.99	+ 1.9	0.3/23.4	20011
1986 TQ	94 02 20.3	10 14.14	+20 06.1	17.2	-0.93	+ 1.1	2.6/18.0	21970	1981 EQ ₂₄	94 02 23.7	10 27.21	+04 06.3	18.3	-1.01	+ 7.2	2.2/25.0	22271
1977 QN ₂	94 02 20.3	10 14.20	+09 46.4	19.0	-0.98	+ 4.8	0.4/20.6	22429	1988 XG ₂	94 02 23.7	10 27.25	-02 08.0	16.7	-0.88	+ 4.1	4.2/27.2	22969
1977 EG ₇	94 02 20.4	10 14.90	+06 09.1	17.9	-0.96	+ 7.4	1.6/21.9	21964	1988 RE ₁₂	94 02 24.0	10 28.23	+03 32.0	21.6	-0.45	+ 3.9	0.9/26.0	15560
1981 RF ₇	94 02 20.5	10 14.89	+15 36.4	18.4	-0.87	+ 2.9	1.3/19.2	22074	1992 WB ₉	94 02 24.0	10 28.46	+10 11.8	17.7	-0.81	+ 4.2	0.2/23.9	22407
(5442)	94 02 20.5	10 15.04	+11 51.6	17.0	-0.84	+ 4.3	0.3/20.2	21555	1992 VQ	94 02 24.1	10 29.02	+10 50.8	17.2	-0.79	+ 5.0	0.4/23.8	22432
1990 BJ	94 02 20.5	10 15.12	-18 10.7	16.8	-1.22	+ 0.1	10.3/28.2	21973	1142 T-3	94 02 24.2	10 29.25	+02 08.0	16.9	-1.00	+ 3.6	2.6/26.2	22088

1982 VV ₁₀	94 02 24.2	10 29.42	+13 57.5	16.4	-0.99	+ 6.8	1.8/22.9	22492	4101 T-3	94 02 28.6	10 45.90	+35 21.8	18.8	-0.64	+ 1.2	4.6/19.3	15909
1992 SG	94 02 24.2	10 29.45	+21 47.5	15.7	-1.18	- 0.5	4.7/21.5	22971	1989 CL ₃	94 02 28.6	10 45.90	-02 42.3	17.0	-0.82	+ 5.2	3.0/04.0	21972
2400 T-3	94 02 24.4	10 29.90	+07 24.1	16.5	-0.99	+ 4.1	0.8/25.0	21954	1990 OH ₄	94 02 28.8	10 46.59	+03 50.4	17.6	-0.73	+ 6.1	1.1/02.0	22082
1989 UC ₅	94 02 24.5	10 30.16	-00 17.5	20.8	-0.46	+ 3.1	1.5/27.7	18118	1988 RS ₁₂	94 02 28.9	10 47.03	+03 06.3	20.6	-0.48	+ 3.0	0.8/02.5	22431
2247 T-3	94 02 24.7	10 31.12	+05 31.7	16.9	-1.04	+ 4.2	1.5/25.8	19883	1981 ES ₂₀	94 03 01.0	10 47.15	+07 48.8	18.6	-0.88	+ 4.6	0.0/29.0	11045
4277 T-1	94 02 24.8	10 31.35	+05 30.7	16.7	-0.70	+ 6.1	1.0/26.0	19880	1990 OF ₁	94 03 01.1	10 47.88	+07 38.5	16.3	-0.70	+ 7.4	0.0/01.2	17446
2281 T-2	94 02 24.8	10 31.38	+09 58.1	17.4	-0.87	+ 4.4	0.2/24.6	21953	5490 T-2	94 03 01.2	10 47.87	-04 05.0	18.7	-0.93	+ 5.6	4.0/04.8	22274
(5855)	94 02 24.8	10 31.45	+28 36.1	16.0	-1.10	+ 2.1	6.1/19.5	23119	1991 JU	94 03 01.2	10 48.04	+22 07.6	16.9	-1.07	+ 5.1	5.2/24.8	22083
1986 QO ₁	94 02 24.9	10 31.67	+13 40.1	17.7	-0.81	+ 5.5	1.3/23.5	19674	1981 SN ₁	94 03 01.5	10 49.15	+08 23.3	18.8	-0.75	+ 5.0	0.2/01.3	22968
1979 FQ ₂	94 02 25.1	10 32.55	+26 22.0	16.4	-0.88	+ 4.1	5.2/19.7	21965	1988 TD	94 03 01.5	10 49.18	+05 27.4	17.4	-0.93	+ 5.4	0.6/02.2	22079
1992 WH	94 02 25.1	10 32.77	+00 24.5	17.1	-0.95	+ 5.8	3.1/27.8	22237	(5637)	94 03 01.6	10 49.46	+20 40.0	17.5	-0.57	+ 1.4	2.1/25.4	22477
(5844)	94 02 25.2	10 33.04	+05 05.8	16.8	-1.06	+ 6.4	1.6/26.4	23117	1988 SL ₃	94 03 01.7	10 49.73	+25 57.0	17.9	-0.50	+ 4.4	2.9/22.9	21972
1983 XH ₁	94 02 25.2	10 33.14	+05 11.5	15.7	-0.80	+ 8.1	1.4/26.6	21969	1989 WK ₄	94 03 01.7	10 49.83	+15 48.2	17.1	-0.93	+ 7.8	3.7/27.0	22081
1980 UC	94 02 25.4	10 33.91	+11 49.7	17.8	-0.73	+ 4.6	0.7/24.6	21966	(5550)	94 03 01.8	10 50.14	+07 51.8	16.4	-0.78	+ 5.1	0.1/01.7	22042
1981 UC ₂₆	94 02 25.4	10 33.97	+08 42.7	18.0	-0.76	+ 5.4	0.1/25.6	22075	(5583)	94 03 01.8	10 50.39	+12 08.9	16.2	-0.83	+ 4.8	1.5/28.4	22210
1987 QR ₁₁	94 02 25.5	10 34.01	+00 10.6	15.0	-0.98	+ 1.9	3.5/27.8	22224	1987 RA ₃	94 03 02.1	10 51.61	+09 45.0	18.1	-0.87	+ 6.5	0.7/01.4	22078
1986 SD ₂	94 02 25.6	10 34.40	-02 45.6	15.9	-0.87	+ 1.9	3.6/28.9	21970	1990 EU	94 03 02.4	10 52.63	-03 41.7	18.0	-0.93	+ 4.1	3.5/05.6	19027
1981 EZ ₇	94 02 25.6	10 34.43	+01 04.6	18.4	-0.83	+ 5.5	2.3/28.1	21966	1991 VA ₁	94 03 02.4	10 52.64	-07 55.2	16.9	-0.72	+ 4.3	3.9/07.3	20642
1989 YG	94 02 25.6	10 34.72	+14 53.5	16.5	-1.07	+ 3.8	2.3/24.1	21262	1989 WW	94 03 02.7	10 53.50	+16 00.2	18.3	-1.03	+ 6.8	2.9/28.0	16878
1973 SB ₆	94 02 25.7	10 34.94	+09 39.5	18.3	-0.93	+ 6.1	0.2/25.5	22072	(5582)	94 03 02.7	10 53.89	+09 07.8	16.1	-0.83	+ 4.5	0.7/02.2	22209
1986 TZ ₁₁	94 02 25.8	10 35.44	+03 04.0	17.9	-0.76	+ 3.8	1.5/27.6	21970	1991 GP ₇	94 03 02.8	10 53.86	+05 57.4	17.5	-1.04	+ 5.1	0.4/03.1	22083
3086 P-L	94 02 26.0	10 35.89	-05 22.2	17.1	-0.77	+ 4.3	4.1/02.4	20037	2370 T-3	94 03 02.9	10 54.26	-03 47.9	18.5	-0.79	+ 5.7	3.1/06.4	19691
1981 TJ ₄	94 02 26.1	10 36.33	+22 32.1	16.3	-0.86	+ 3.0	3.7/22.0	22075	1992 UR	94 03 02.9	10 54.41	+28 42.8	17.7	-1.11	+ 2.9	6.9/24.5	21588
1991 SC ₂	94 02 26.1	10 36.36	+11 24.2	17.7	-0.80	+ 5.4	0.8/25.3	21976	1985 SL ₃	94 03 02.9	10 54.56	+01 48.5	17.8	-1.02	+ 4.6	1.8/04.5	22698
1988 RM ₁₁	94 02 26.2	10 36.92	+09 59.7	18.8	-0.50	+ 3.3	0.2/25.9	21972	1992 XF	94 03 02.9	10 54.57	-09 09.8	16.0	-0.82	+ 2.9	5.3/07.9	21598
(5388)	94 02 26.3	10 37.19	+17 50.8	17.1	-1.06	+ 1.0	3.3/24.1	21242	1989 UO ₅	94 03 03.0	10 54.86	+23 56.3	19.5	-0.55	+ 2.0	2.8/25.3	18119
1991 NE ₃	94 02 26.3	10 37.22	+08 04.8	16.2	-0.80	+ 7.3	0.2/26.6	20023	1983 QE	94 03 03.0	10 54.97	+03 55.6	17.4	-0.83	+ 9.2	0.9/04.1	21969
1981 EM ₄₀	94 02 26.4	10 37.37	+11 05.2	19.4	-0.85	+ 5.9	0.7/25.7	22271	3145 T-2	94 03 03.3	10 56.11	+11 19.9	17.6	-0.82	+ 6.4	1.5/01.9	22701
7075 P-L	94 02 26.4	10 37.43	-01 06.8	18.7	-0.73	+ 5.6	2.5/01.6	20516	1975 VW ₂	94 03 03.4	10 56.09	+09 59.3	16.2	-0.96	+ 8.3	1.2/02.4	22823
3176 T-2	94 02 26.6	10 38.41	+14 35.2	17.6	-1.00	+ 4.2	2.4/25.0	18133	1991 RX ₂₃	94 03 03.5	10 56.68	+10 28.5	17.2	-0.87	+ 2.5	1.1/02.5	22233
1981 ES ₂₁	94 02 27.0	10 39.87	+16 02.9	16.9	-1.10	- 0.1	2.9/25.3	22949	1989 US	94 03 03.6	10 57.11	+13 38.9	16.6	-1.08	+ 5.4	2.6/01.6	21973
1987 DD ₆	94 02 27.1	10 40.30	+08 51.2	16.5	-0.91	+ 8.3	0.2/27.0	18811	(5421)	94 03 03.8	10 57.75	+01 14.9	16.6	-1.00	+ 5.8	1.9/05.5	21547
1989 WH ₄	94 02 27.1	10 40.41	+12 13.8	15.5	-0.97	+ 8.3	1.5/26.0	21973	1981 ED ₁₉	94 03 03.8	10 57.85	+06 18.0	16.4	-0.84	+ 6.0	0.1/04.0	22823
1240 T-1	94 02 27.2	10 40.54	+14 27.0	17.6	-0.89	+ 3.2	1.7/25.5	21122	1989 UT	94 03 03.8	10 57.87	+16 59.3	17.1	-1.12	+ 4.1	3.9/29.0	21973
1991 NS ₂	94 02 27.3	10 40.79	+02 41.9	17.1	-0.86	+ 7.5	1.9/01.1	22273	1989 AE ₇	94 03 04.0	10 58.69	+03 58.7	16.8	-0.86	+ 4.2	0.9/04.9	22493
(5395)	94 02 27.5	10 41.71	+06 18.7	18.7	-0.89	+ 7.6	0.6/28.2	21245	1988 RO	94 03 04.1	10 58.74	-07 20.1	17.4	-0.46	+ 3.7	2.2/09.0	21972
4317 T-3	94 02 27.7	10 42.59	+05 38.9	19.7	-0.46	+ 3.7	0.4/28.7	22088	1985 KE	94 03 04.2	10 59.19	+02 08.5	17.4	-0.78	+ 5.2	1.3/05.6	22968
(5416)	94 02 27.8	10 42.64	+20 56.2	17.3	-0.86	+ 4.7	3.4/23.8	21545	(5429)	94 03 04.3	10 59.67	+06 00.6	15.9	-0.75	+ 4.9	0.1/04.5	22476
(5458)	94 02 27.9	10 43.03	-04 11.3	16.9	-0.72	+ 5.2	3.4/03.9	21767	1985 SJ ₃	94 03 04.4	10 59.92	+04 12.0	16.4	-1.11	+ 3.3	0.9/05.0	22077
1981 DZ	94 02 27.9	10 43.10	-07 33.1	16.9	-0.84	+ 5.0	5.7/04.8	22270	1979 KO	94 03 04.4	10 59.95	+29 26.7	16.5	-0.78	+ 6.0	6.1/24.3	22073
1981 RG ₅	94 02 27.9	10 43.27	+16 12.0	16.7	-1.04	+ 4.1	2.8/25.7	22074	1991 NZ ₆	94 03 04.4	11 00.03	+11 18.8	16.7	-0.80	+ 5.8	1.5/02.9	22083
1991 SM ₁	94 02 28.0	10 43.75	+04 10.4	18.0	-0.72	+ 4.4	0.9/01.3	19316	1989 YU ₅	94 03 04.5	11 00.61	+03 04.0	18.6	-1.00	+ 6.0	1.1/05.6	22081
(5832)	94 02 28.1	10 43.93	+39 07.0	15.5	-0.96	+ 9.1	9.3/16.2	22944	3105 T-3	94 03 04.7	11 00.95	+05 45.8	18.6	-0.92	+ 6.6	0.2/04.9	22274
1992 TH ₁	94 02 28.1	10 44.05	+14 18.7	15.2	-0.84	+10.1	2.0/26.0	23134	1988 VO ₃	94 03 04.9	11 01.86	+10 26.9	18.7	-0.93	+ 4.5	1.3/03.7	21107
1990 EX ₂	94 02 28.2	10 44.24	-00 00.3	17.3	-0.82	+ 7.9	2.4/02.9	21974	1982 UQ ₆	94 03 05.1	11 02.52	+04 28.0	16.9	-0.80	+ 5.2	0.5/05.7	22430
1991 PZ ₁₁	94 02 28.2	10 44.49	-04 39.8	16.1	-1.00	+ 0.9	4.8/03.5	22232	2550 P-L	94 03 05.1	11 02.69	+09 50.0	18.5	-1.02	+ 6.2	1.4/04.0	22086
2508 P-L	94 02 28.2	10 44.50	+13 37.6	19.4	-1.04	+ 4.4	1.8/26.7	22495	1992 UR ₃	94 03 05.3	11 03.36	-01 15.3	17.8	-0.95	+ 6.3	2.4/07.6	22085
1987 VT	94 02 28.3	10 44.67	+34 43.6	17.0	-0.98	+ 3.4	7.3/19.6	21971	1981 OH	94 03 05.3	11 03.52	+15 41.5	18.0	-0.91	+ 9.6	3.0/02.1	21968
1988 RY ₁₁	94 02 28.4	10 45.09	+05 29.5	19.8	-0.46	+ 5.3	0.4/01.3	15892	1981 EA ₄₂	94 03 05.4	11 03.87	+03 52.4	18.5	-0.94	+ 9.7	0.8/06.2	22697
1979 OQ ₅	94 02 28.4	10 45.28	+03 09.0	16.9	-0.79	+ 3.6	1.4/01.9	21965	(5465)	94 03 05.5	11 03.93	+09 13.3	16.3	-0.79	+ 5.6	1.0/04.5	21770
1988 VB ₁	94 02 28.5	10 45.34	+17 05.4	17.1	-1.05	+ 2.2	2.9/26.1	21972	(5446)	94 03 05.5	11 04.01	+09 16.1	16.4	-0.75	+ 4.9	0.9/04.5	21556

1981 EY ₄₀	94 03 05.6	11 04.62	+04 05.7	19.7	-0.85	+ 5.6	0.6/06.3	22271	1992 SY ₁₄	94 03 10.6	11 23.09	-09 02.1	16.7	-0.96	+ 7.1	4.9/15.0	21118
1991 TQ	94 03 05.7	11 04.77	+16 21.6	18.2	-0.80	+ 4.6	2.9/02.3	23134	1987 QS ₁	94 03 10.6	11 23.17	-01 01.8	15.2	-1.02	+ 1.8	2.2/12.0	22824
1992 UN ₄	94 03 05.7	11 04.88	+22 34.9	16.3	-0.88	+ 4.9	5.1/28.4	21977	1985 RV ₄	94 03 10.7	11 23.32	+04 06.3	18.2	-0.71	+ 4.5	0.0/10.7	22077
1992 RM	94 03 05.8	11 05.46	+07 24.4	17.6	-1.04	+ 5.6	0.6/05.4	21114	(5533)	94 03 10.9	11 23.96	+03 45.4	17.3	-1.05	+ 4.7	0.0/11.0	22036
1992 XL	94 03 05.9	11 05.72	+23 12.5	17.7	-0.81	+ 4.9	4.7/28.1	21800	1978 SU ₅	94 03 10.9	11 24.12	-05 25.0	15.0	-0.90	+ 7.6	3.8/14.0	23131
1978 VK ₈	94 03 06.0	11 05.78	+09 20.1	18.1	-0.83	+ 5.3	1.1/04.9	22073	4272 T-1	94 03 11.0	11 24.61	+10 07.5	17.2	-0.93	+ 6.6	2.3/09.0	19523
1979 TS ₂	94 03 06.3	11 07.09	+02 25.7	16.6	-0.83	+ 6.9	1.1/07.4	22073	1979 MT ₄	94 03 11.1	11 24.81	-17 15.8	17.7	-0.95	+ 4.1	7.3/18.0	22948
2285 T-2	94 03 06.4	11 07.31	+12 21.5	17.3	-0.93	+ 2.8	2.2/04.5	22695	1992 SX ₁₂	94 03 11.3	11 25.44	+04 15.2	16.7	-0.97	+ 7.6	0.2/11.2	22971
1984 SH ₆	94 03 06.4	11 07.49	+08 37.1	17.5	-0.90	+ 6.7	1.0/05.5	21969	1992 UB ₂	94 03 11.3	11 25.78	+05 17.4	16.8	-0.95	+ 7.5	0.5/10.9	22085
4206 P-L	94 03 06.4	11 07.64	+07 23.9	18.5	-1.11	+ 2.5	0.6/06.0	16034	1991 PG ₁₆	94 03 11.4	11 25.96	+06 52.2	19.1	-0.70	+ 4.7	0.7/10.4	20025
1979 ME ₇	94 03 06.5	11 07.63	-14 52.8	17.9	-0.94	+ 4.0	6.8/13.0	21100	1979 VS ₂	94 03 11.5	11 26.07	+44 16.8	17.1	-1.60	- 0.5	16.6/26.5	23132
1991 SY	94 03 06.9	11 09.17	+23 16.4	16.6	-1.06	+ 1.8	6.4/01.7	19315	1989 WO ₇	94 03 11.5	11 26.22	+13 14.0	15.5	-0.95	+ 6.7	4.2/08.4	21262
1981 VF	94 03 06.9	11 09.42	+11 19.2	17.5	-0.97	+ 5.0	1.8/05.2	22075	1979 MU ₂	94 03 11.6	11 26.46	+04 57.4	18.7	-0.71	+ 5.9	0.4/11.2	22696
1980 VO	94 03 06.9	11 09.53	+18 51.6	18.3	-1.01	+ 3.8	4.2/03.1	21966	1989 AN ₁	94 03 11.7	11 27.17	+06 40.7	15.6	-0.86	+ 4.9	1.1/10.8	22272
4089 P-L	94 03 07.1	11 10.24	-02 42.0	18.5	-0.79	+ 6.6	2.3/09.9	15903	1988 VK ₂	94 03 11.8	11 27.32	+16 01.8	17.0	-0.92	+ 5.2	4.0/07.8	22080
1987 QN	94 03 07.2	11 10.24	+13 13.7	17.2	-0.46	+ 4.7	1.3/04.3	22951	1990 GS	94 03 11.8	11 27.43	+06 41.7	17.8	-1.03	+ 2.1	1.1/11.0	22699
1988 RH ₁₂	94 03 07.2	11 10.36	+04 58.5	19.8	-0.45	+ 3.7	0.1/07.4	21972	4045 T-3	94 03 12.1	11 28.54	+12 26.3	16.1	-0.90	+ 7.9	3.7/09.1	22088
1991 GC ₆	94 03 07.4	11 11.21	+14 44.1	16.7	-1.13	+ 3.2	4.0/04.9	18637	1992 SN ₁	94 03 12.1	11 28.67	+13 23.9	16.4	-1.06	+ 1.7	3.3/09.5	21977
2245 T-1	94 03 07.4	11 11.27	+11 23.2	17.8	-0.96	+ 5.5	2.3/05.6	22597	4074 T-3	94 03 12.2	11 28.71	+09 40.8	17.4	-0.92	+ 6.4	2.6/10.2	22088
1988 XO	94 03 07.6	11 11.71	+29 03.8	17.5	-0.93	+ 5.6	7.0/27.4	21972	1990 OJ ₄	94 03 12.4	11 29.57	-24 17.8	16.0	-0.80	+ 2.7	7.5/21.8	22082
1987 SR ₁	94 03 08.0	11 13.33	-00 20.2	17.3	-0.82	+ 8.7	1.7/09.9	21971	(5492)	94 03 12.5	11 29.90	-05 28.0	16.7	-0.74	+ 9.2	2.5/15.7	21781
1991 QC	94 03 08.0	11 13.34	-00 25.1	16.5	-0.88	+ 6.0	1.8/09.8	22600	1975 AN	94 03 12.6	11 30.26	-31 26.8	17.6	-1.08	+ 3.2	10.2/24.8	21963
4314 T-3	94 03 08.0	11 13.38	+08 54.5	17.0	-0.80	+ 5.8	1.2/06.8	20519	1975 TM ₂	94 03 12.7	11 30.51	+03 14.4	17.0	-0.96	+ 7.1	0.0/12.7	21963
1990 EO ₄	94 03 08.1	11 13.67	+02 48.6	17.4	-0.85	+ 7.0	0.7/08.8	22082	1978 RX ₇	94 03 12.7	11 30.73	-02 37.6	16.8	-0.96	+ 3.0	2.3/14.4	22270
1981 EZ ₂₂	94 03 08.1	11 13.90	+05 35.5	18.1	-1.04	+ 5.6	0.2/08.0	22398	3163 T-1	94 03 12.7	11 30.76	+04 39.4	19.9	-0.47	+ 2.7	0.2/12.2	19879
1979 MO ₇	94 03 08.2	11 13.95	-03 08.8	19.4	-0.71	+ 5.1	2.1/10.9	21561	2390 T-3	94 03 13.0	11 32.02	+08 51.1	16.7	-1.05	+ 2.8	2.3/11.4	22088
1988 RF ₉	94 03 08.2	11 14.07	+09 43.1	17.7	-1.00	+ 7.1	2.0/06.7	22825	2137 T-2	94 03 13.1	11 31.97	+01 11.2	19.0	-1.02	+ 7.1	0.7/13.7	22701
1988 TB ₁	94 03 08.5	11 15.35	-00 33.9	17.1	-0.89	+ 6.8	1.7/10.3	22493	1985 UK ₃	94 03 13.1	11 32.08	+09 22.4	16.6	-1.04	+ 5.4	2.4/11.2	18285
1977 RQ ₁₉	94 03 08.7	11 15.89	+05 34.9	18.6	-0.91	+ 7.1	0.3/08.5	21782	5565 P-L	94 03 13.5	11 33.78	+10 56.4	17.6	-1.10	+ 4.7	3.0/11.2	22086
1992 XB	94 03 08.9	11 16.59	-10 52.2	17.3	-0.77	+ 4.7	4.1/14.1	22432	1981 EJ ₅	94 03 13.5	11 33.80	-05 43.2	17.4	-1.07	+ 5.3	3.3/16.1	22074
4179 T-3	94 03 09.0	11 17.24	+11 30.2	18.6	-0.50	+ 3.1	1.2/06.7	22432	1990 FP	94 03 13.5	11 33.86	+32 08.1	15.2	-0.92	+ 6.0	11.0/02.1	22970
4369 T-3	94 03 09.1	11 17.36	+05 19.0	19.5	-0.46	+ 3.8	0.1/08.9	22088	1981 EC ₂₉	94 03 13.6	11 34.01	-01 33.4	19.4	-0.85	+ 5.2	1.4/15.0	21967
1990 MC	94 03 09.1	11 17.53	-03 53.7	17.5	-0.76	+ 7.2	2.3/12.0	17638	1991 RH ₇	94 03 13.7	11 34.15	-08 19.9	17.4	-0.83	+ 5.4	3.6/17.0	22084
1988 RK	94 03 09.2	11 17.61	+01 47.5	18.2	-0.85	+ 9.5	0.9/10.2	20502	1977 DQ ₃	94 03 13.7	11 34.36	+06 00.9	17.6	-0.76	+ 4.7	0.9/12.7	16021
4254 T-2	94 03 09.3	11 17.96	+09 59.2	18.1	-0.94	+ 5.8	1.7/07.6	22495	3099 T-1	94 03 13.8	11 34.93	-00 30.3	16.8	-1.09	+ 3.8	1.3/14.8	22087
1991 RQ ₁₁	94 03 09.3	11 18.08	+19 05.0	16.9	-0.79	+10.7	5.0/03.8	22084	1991 PT ₁₂	94 03 14.3	11 36.43	+03 50.7	17.0	-0.82	+ 5.2	0.4/13.9	22232
1992 UU	94 03 09.5	11 19.16	+14 40.0	16.6	-1.02	+ 3.1	3.6/06.6	22085	1988 PX ₁	94 03 14.3	11 36.67	+05 19.9	16.4	-0.89	+ 8.5	1.0/13.4	22952
1988 SJ ₃	94 03 09.6	11 19.10	+30 44.3	19.9	-0.53	+ 3.0	4.2/27.7	21972	3297 T-2	94 03 14.4	11 36.90	+09 22.2	16.1	-0.98	+ 4.2	3.0/12.3	22088
1992 UY ₃	94 03 09.6	11 19.21	+10 21.1	17.5	-1.03	+ 5.1	2.0/07.8	21275	1983 WG	94 03 14.7	11 37.95	+22 52.8	16.4	-0.90	+ 3.6	7.6/08.1	8540
(5482)	94 03 09.6	11 19.28	-01 42.4	15.5	-0.96	+ 3.9	2.5/11.4	21777	1991 KA	94 03 14.8	11 38.29	+10 59.0	16.3	-0.96	+ 7.5	3.6/11.9	18640
1992 YL	94 03 09.7	11 19.64	+27 57.5	16.9	-0.79	+ 4.0	5.7/01.6	21599	1991 RJ	94 03 14.9	11 38.74	-04 31.7	17.3	-0.99	+ 2.0	2.2/16.8	22826
1981 EC ₁₁	94 03 09.8	11 19.92	-02 23.7	19.2	-0.88	+ 4.6	2.2/11.9	21966	5011 P-L	94 03 14.9	11 38.92	-05 46.4	18.4	-0.82	+ 5.8	2.6/17.6	20830
1981 EC ₈	94 03 09.9	11 20.17	-02 17.3	18.0	-0.99	+ 6.7	2.2/11.9	22270	1991 GG ₅	94 03 15.0	11 39.36	+00 51.9	18.0	-0.99	+ 6.7	0.5/15.5	21263
(5422)	94 03 09.9	11 20.39	+11 47.1	16.9	-0.84	+ 3.9	2.1/07.6	22577	1988 RH ₁₃	94 03 15.1	11 39.66	+20 17.0	17.7	-0.54	+ 2.1	3.0/08.8	21972
1982 VA ₁	94 03 10.0	11 20.55	+14 22.2	17.1	-1.04	+ 5.8	3.5/06.9	21969	1992 UH ₂	94 03 15.1	11 39.68	-04 52.3	17.4	-0.89	+ 7.0	2.4/17.5	21273
6063 P-L	94 03 10.0	11 20.62	+01 41.6	18.9	-1.05	+ 5.7	1.0/10.8	21806	1986 RD	94 03 15.3	11 40.28	-04 21.6	17.5	-0.79	+ 6.3	1.8/17.5	19297
3269 T-2	94 03 10.1	11 21.00	+04 51.5	19.4	-0.77	+ 7.0	0.2/09.9	16439	1989 SF	94 03 15.3	11 40.29	-01 29.8	15.9	-1.07	+ 5.0	1.5/16.4	22081
1979 MZ ₂	94 03 10.3	11 21.81	+05 11.3	16.7	-0.87	+ 6.7	0.4/10.0	22482	1984 EG	94 03 15.4	11 40.43	+11 00.2	16.0	-0.90	+ 9.1	3.9/12.3	21969
1981 EV ₉	94 03 10.4	11 22.18	-04 03.2	18.6	-1.02	+ 4.9	3.6/12.9	21966	(5470)	94 03 15.6	11 41.24	-21 45.5	17.1	-0.87	+ 1.5	6.8/23.2	21772
1992 WS	94 03 10.5	11 22.47	-02 56.1	17.1	-0.96	+ 6.6	2.3/12.7	22971	1992 US ₁	94 03 15.6	11 41.26	+13 20.3	17.5	-1.04	+ 4.5	4.0/12.2	21589
(5399)	94 03 10.6	11 23.00	-02 22.1	15.1	-0.85	+ 5.2	2.2/12.7	21246	2289 T-1	94 03 15.8	11 42.17	+09 38.0	17.3	-0.95	+ 2.1	2.8/13.7	22087

4556 P-L	94 03 15.9	11 42.27	+05 38.1	18.4	-0.77	+ 4.5	1.0/14.7	19875	1992 YH ₂	94 03 19.8	11 56.86	+16 36.3	17.9	-0.75	+ 4.4	4.4/14.3	21946
1989 UX ₅	94 03 16.0	11 42.93	+07 35.3	17.8	-0.50	+ 3.2	1.0/14.1	22493	1986 TU ₆	94 03 19.9	11 57.20	-13 47.0	16.4	-0.81	+ 3.8	4.2/24.5	22078
1991 LE ₂	94 03 16.1	11 43.37	+13 55.9	17.5	-0.92	+ 5.9	3.9/12.2	21793	1978 UF ₆	94 03 20.1	11 57.64	+01 12.6	16.0	-1.08	+ 3.5	0.4/19.8	20807
2258 T-1	94 03 16.1	11 43.38	+09 15.7	17.2	-0.95	+ 4.2	2.2/13.9	22827	(5440)	94 03 20.1	11 57.68	+08 32.0	15.4	-0.99	+ 8.1	3.5/17.3	21554
1986 WC ₁	94 03 16.2	11 43.41	+05 21.7	18.9	-0.73	+ 4.4	0.9/15.0	20500	1991 RN	94 03 20.1	11 57.68	-06 42.2	16.9	-0.96	+ 4.0	2.2/22.0	22084
1991 RW ₄	94 03 16.3	11 43.96	+03 23.9	18.1	-0.90	+ 3.2	0.5/15.9	22084	3027 P-L	94 03 20.2	11 58.20	-10 16.6	17.7	-0.94	+ 4.8	3.6/23.5	21806
3066 P-L	94 03 16.4	11 44.27	-09 48.1	17.2	-0.77	+ 8.4	3.7/20.6	22490	1992 RO ₅	94 03 20.2	11 58.31	+06 36.1	17.5	-0.95	+ 5.9	2.4/18.3	22594
(5409)	94 03 16.4	11 44.32	-11 57.8	16.8	-0.88	+ 4.3	4.1/20.8	21542	1986 XR ₅	94 03 20.3	11 58.41	+03 32.7	18.8	-0.73	+ 4.1	0.8/19.2	19861
1981 QY ₂	94 03 16.6	11 44.83	+04 48.1	16.8	-0.78	+ 5.9	1.0/15.6	19496	1992 SG ₁₃	94 03 20.3	11 58.68	+03 20.8	18.4	-0.98	+ 4.8	1.0/19.4	22085
1980 UU ₁	94 03 16.6	11 45.05	-00 38.9	16.9	-0.94	+ 5.4	0.8/17.0	20628	1983 QG	94 03 20.6	11 59.39	+21 36.1	18.8	-0.87	+ 4.4	5.4/13.3	21969
1991 NP	94 03 16.8	11 45.51	-40 17.8	15.6	-1.21	- 1.6	15.9/29.7	22083	1938 HA	94 03 20.8	12 00.41	+12 42.1	16.1	-0.87	+ 2.8	4.0/16.8	22491
1992 UG	94 03 16.9	11 45.91	+11 53.9	17.6	-0.88	+ 5.3	3.0/13.6	22495	2252 T-2	94 03 20.8	12 00.51	+00 20.5	18.3	-0.87	+ 3.3	0.1/20.8	19329
1948 AA	94 03 16.9	11 46.02	-48 36.9	16.5	-1.14	- 3.2	21.9/06.0	22072	1991 RD ₁₂	94 03 20.9	12 00.87	+04 10.1	17.8	-0.79	+ 5.7	1.3/19.6	23134
1991 PO ₈	94 03 17.1	11 47.05	-03 25.4	20.0	-0.82	+ 4.0	1.3/18.7	22083	1991 NS ₁	94 03 21.2	12 01.61	+01 14.8	16.9	-0.87	+ 8.5	0.5/20.7	20821
(5463)	94 03 17.1	11 47.07	+02 20.5	15.9	-1.04	+ 5.0	0.3/16.9	21769	1988 SA ₃	94 03 21.2	12 01.63	+01 15.2	19.7	-0.54	+ 1.6	0.2/20.7	15561
1992 SW ₁₀	94 03 17.2	11 47.23	+09 34.6	16.2	-1.02	+ 1.9	3.0/15.0	21117	1977 EO	94 03 21.4	12 02.46	-04 36.0	15.4	-1.09	+ 1.7	2.0/22.6	22429
(5389)	94 03 17.3	11 47.40	+12 21.7	16.8	-0.99	+ 4.4	3.7/13.9	21242	1988 VP	94 03 21.4	12 02.62	+21 14.7	16.3	-1.02	+ 2.3	7.4/14.9	22080
1991 RX ₄	94 03 17.3	11 47.66	-04 31.4	18.3	-0.72	+ 6.6	1.6/19.4	20508	1979 XJ	94 03 21.5	12 02.75	+09 34.3	17.8	-0.99	+ 6.9	3.3/18.3	21252
1978 NK	94 03 17.4	11 47.86	-03 26.9	18.7	-0.82	+ 5.4	1.3/19.0	21098	1978 RN ₅	94 03 21.5	12 02.98	-01 40.9	18.5	-0.86	+ 3.5	0.3/22.0	21964
1975 TE	94 03 17.5	11 48.47	+04 48.8	17.6	-1.02	+ 5.3	1.2/16.5	22270	1981 ET ₄₇	94 03 21.5	12 03.09	-00 38.6	18.5	-0.87	+ 4.3	0.1/21.7	18807
2197 P-L	94 03 17.8	11 49.16	-00 58.4	17.1	-0.89	+ 7.5	0.8/18.5	21977	1987 UF ₅	94 03 22.0	12 04.68	+07 03.8	17.5	-0.83	+ 4.5	2.2/19.6	21257
1985 PE	94 03 17.8	11 49.48	+06 55.4	18.2	-0.67	+ 6.2	1.4/15.8	20143	1981 EX ₂₁	94 03 22.0	12 04.91	+00 57.6	17.8	-0.77	+ 8.2	0.4/21.6	22074
1978 VF ₆	94 03 17.9	11 49.85	-08 55.7	18.4	-0.91	+ 6.3	4.2/21.3	16422	1984 UX	94 03 22.0	12 04.92	+01 20.2	17.7	-0.93	+ 4.3	0.6/21.5	21104
1989 YV ₄	94 03 18.0	11 49.90	+02 56.9	17.4	-0.95	+ 5.4	0.8/17.4	21973	1992 YS ₂	94 03 22.1	12 05.17	+04 37.6	16.4	-0.79	+ 4.9	1.6/20.5	21977
1981 EK ₄	94 03 18.1	11 50.65	-11 14.1	17.9	-0.93	+ 3.0	3.7/22.0	21966	1978 TP ₂	94 03 22.4	12 06.18	+02 04.9	17.8	-0.93	+ 7.7	1.0/21.5	22270
1967 JP	94 03 18.2	11 50.79	-02 33.3	16.7	-0.79	+ 3.8	1.1/19.4	22072	1985 TP ₃	94 03 22.4	12 06.23	-07 40.1	17.7	-0.98	+ 5.9	2.3/24.7	22077
3019 T-3	94 03 18.2	11 50.83	-02 10.6	17.8	-0.76	+ 7.2	0.9/19.3	22088	1981 EC ₂₁	94 03 22.8	12 07.57	+00 45.4	18.2	-0.93	+ 3.9	0.6/22.4	21967
1991 RV ₁	94 03 18.2	11 50.99	-13 36.4	17.2	-0.70	+ 6.2	3.6/23.5	19507	1981 EO ₄₀	94 03 22.9	12 08.05	+02 30.6	18.0	-0.77	+ 9.5	1.0/21.7	21968
1991 RT ₄₀	94 03 18.2	11 51.03	+03 15.1	17.4	-0.81	+ 4.7	0.7/17.6	21943	1992 UX ₄	94 03 23.1	12 08.76	-20 50.1	17.5	-0.81	+ 6.7	5.3/30.5	22971
1989 UU ₁	94 03 18.4	11 51.62	-12 19.6	15.5	-1.02	+ 5.3	5.6/22.6	21973	1988 AE ₅	94 03 23.4	12 09.88	+08 19.6	16.5	-0.71	+ 7.3	2.8/20.1	22825
1981 ES ₅	94 03 18.4	11 51.74	-13 15.3	18.5	-0.89	+ 3.9	4.1/23.0	19857	1984 JA ₂	94 03 23.5	12 09.99	+13 39.2	16.6	-0.83	+ 3.2	4.4/18.7	22076
1989 YH ₁	94 03 18.5	11 52.00	-01 03.4	15.3	-0.91	+ 4.8	0.9/19.2	22494	1991 NF ₃	94 03 23.5	12 10.00	-19 35.7	18.2	-0.87	+ 4.8	5.2/29.7	21794
1985 VF ₁	94 03 18.5	11 52.01	-01 20.7	17.0	-0.98	+ 6.3	0.8/19.3	22077	4314 P-L	94 03 23.5	12 10.11	-03 04.8	19.4	-0.83	+ 4.1	0.5/24.2	14629
1981 QE ₂	94 03 18.5	11 52.07	+06 12.7	18.1	-0.92	+ 8.5	1.8/16.8	22430	1980 DD ₁	94 03 23.7	12 10.85	+07 19.2	16.5	-0.93	+ 2.4	3.0/21.2	21929
1991 PT ₁₁	94 03 18.7	11 52.74	+00 29.3	18.0	-0.71	+ 5.3	0.1/18.9	20024	1990 BV	94 03 23.7	12 11.05	+17 06.0	16.6	-0.97	+ 5.7	6.5/17.9	21973
(5459)	94 03 18.7	11 52.88	+05 50.8	16.6	-0.80	+ 5.0	1.6/17.1	21767	2216 T-2	94 03 23.8	12 11.14	-00 35.1	17.7	-0.74	+ 4.6	0.2/23.6	22088
1992 XD	94 03 18.8	11 53.03	-06 14.2	16.9	-0.85	+ 5.2	2.1/21.1	21598	1981 EP ₄₂	94 03 24.2	12 12.75	-02 06.7	18.2	-0.82	+ 6.4	0.2/24.5	21933
1981 RQ ₁	94 03 18.8	11 53.11	+02 20.4	17.4	-0.77	+ 5.6	0.5/18.3	22074	1986 TB ₇	94 03 24.3	12 12.88	-14 33.1	17.9	-0.75	+ 5.4	3.5/28.8	21970
1990 FT ₁	94 03 18.9	11 53.35	+22 28.7	16.7	-0.91	+ 5.4	6.8/11.5	21974	(5469)	94 03 24.3	12 12.95	+15 54.7	17.9	-0.69	+ 7.9	4.8/17.8	21772
(5597)	94 03 18.9	11 53.47	-03 23.4	16.5	-0.98	+ 4.5	1.5/20.2	22215	1988 TN	94 03 24.3	12 13.31	+00 09.1	16.1	-0.97	+ 4.0	0.6/23.9	22079
1985 SW ₄	94 03 19.1	11 54.08	+06 20.0	17.5	-0.79	+ 3.6	1.6/17.3	22698	1982 VD ₅	94 03 24.4	12 13.35	-05 37.0	17.7	-0.96	+ 7.5	1.6/25.8	22075
1981 RM ₃	94 03 19.2	11 54.37	-00 55.1	17.5	-0.75	+ 5.5	0.4/19.7	22074	1985 TL	94 03 24.4	12 13.50	-06 17.5	17.3	-0.72	+ 5.4	1.3/26.1	21970
1991 PW ₁₆	94 03 19.3	11 54.92	+04 33.5	18.1	-0.90	+ 7.1	1.4/18.0	22084	1992 WN ₁	94 03 24.4	12 13.64	+05 23.2	17.5	-0.78	+ 6.0	2.1/22.2	21594
1991 PH ₁₂	94 03 19.4	11 55.37	-16 52.9	16.7	-0.81	+ 3.5	5.0/25.2	22273	1990 KG	94 03 24.5	12 13.60	+27 02.1	15.5	-0.79	+ 8.0	11.0/12.4	22082
1982 RM ₁	94 03 19.4	11 55.39	-07 27.5	15.2	-1.06	+ 3.6	3.6/21.8	22075	1986 WN ₇	94 03 24.5	12 13.98	-07 51.2	17.4	-0.75	+ 4.0	1.7/26.7	21970
(5454)	94 03 19.5	11 55.46	-02 39.6	17.1	-0.77	+ 3.7	0.9/20.5	21765	1977 UD	94 03 24.6	12 14.07	+04 54.3	17.0	-0.96	+ 5.0	2.4/22.6	13690
1991 RY ₁₆	94 03 19.5	11 55.51	+11 58.2	16.2	-0.85	+ 4.2	3.9/15.8	22233	1992 WC ₃	94 03 24.6	12 14.12	+08 11.8	17.1	-0.98	+ 5.9	3.3/21.5	22274
1981 ES ₄₂	94 03 19.6	11 56.07	+01 31.6	18.6	-0.89	+ 4.9	0.4/19.3	21968	1985 RJ ₄	94 03 24.6	12 14.35	+00 10.7	18.6	-0.73	+ 4.3	0.4/24.1	22077
1988 XX ₁	94 03 19.7	11 56.48	+12 11.4	16.8	-0.99	+ 2.4	3.6/16.3	21972	2218 T-1	94 03 24.7	12 14.43	+04 05.6	16.8	-1.01	+ 5.9	2.1/23.0	21278
1983 BH	94 03 19.8	11 56.71	-14 03.7	15.2	-0.97	+ 5.6	6.4/24.7	22075	1989 SD	94 03 24.7	12 14.47	+00 20.3	17.3	-1.07	+ 6.0	0.7/24.2	22081
1987 SN ₁₂	94 03 19.8	11 56.83	+01 44.3	18.0	-0.86	+ 6.0	0.4/19.4	21971	2091 P-L	94 03 24.7	12 14.74	-07 10.7	19.3	-0.94	+ 6.6	2.0/26.6	22274